205C 206C 207C 208C 209C
217C 218C 219C 220C 221C 222C 223C 224C
229C 230C 231C 232C 233C 234C 235C 236C
241C 242C 2365C 2375C 2385C 2395C 2405C 2415C
240C 245C 246C 247C 248C 249C
250C 251C 252C 253C
257C 258C 259C 260C 261C
2562C 2572C 258
2607C 2617C 2627C 2635C 2645C 2655C 2665C 2623C
2622C 2563C 2573C 2583C 2593C
266C 267C 268C 269C 270C 271C 272C 273C
2607C 2706C 2716C
2715C 2725C 2735C 2745C 2755C 2765C
2747C 2757C 2767C 2708C

indigo

FILE PREP GUIDE

PANTONE CHARTS

CMYK CHARTS

CrossTech
COMMUNICATIONS INC

111 North Jefferson Street • Chicago, Illinois 60661 • 312-382-0111

Introduction

For 15 years, CrossTech Communications has been printing with the latest offerings from the leader in digital print, HP Indigo. Today, CrossTech utilizes the HP Indigo 7600 Digital Offset Press. With this technology, we are able to print on a vast array of papers and non-paper substrates. All at prices that make it more affordable than ever.

HP Indigo 7600 Digital Offset Press

Another Tool for Competitive Advantage from CrossTech and HP Indigo

We don't have to tell you that the marketplace is more dynamic and competitive than ever. CrossTech's digital printing capability adds a valuable tool to your arsenal. Providing that marketing edge you're looking for.

Indigo's variable data capabilities enable you to produce one-to-one marketing materials — customize names, copy, even images for each and every person that receives them.

The HP Indigo 7600 Digital Offset Press Expands on Previous Digital Printing

• Improved Print Quality & Speed
• High Value Effects (Raised Print, Textured Effects, White, Spot Varnish)
• Enhanced Productivity Mode (EPM, prints in CMY for projects where cost-efficiency is paramount)
• Stock weights up to 18 pt.

CrossTech: A Valuable Resource for Over 30 Years

Since 1981, CrossTech has built a reputation for expertise and service excellence in one of the most demanding industries in the business world — graphic services.

We continue to evolve with our customers as we've met their needs throughout our history. Today, we offer a full-range of graphics services to clients of all types and sizes. HP Indigo and our in-house finishing services are an integral part of that offering.

Call Us Today

With CrossTech and HP Indigo, you can have it all: service excellence and technical expertise coupled with leading-edge technology. Call to see samples and discuss the many ways this technology can put you ahead of the pack.

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File Prep

Maximum Image Area & Press Sheet

The HP Indigo 7600 Digital Offset Press has a maximum sheet size of 13″ x 19″. The maximum live image area is 12.48″ x 18.2″. When building pages, build pages to the final trim size with bleed extending off the page edge. CrossTech will "impose" the job as necessary to achieve optimum sheet coverage and layout for finishing.

Available Stocks

The HP Indigo 7600 Digital Offset Press can accommodate a wide variety of stocks and substrates. Generally, stocks up to 18 pt. run efficiently. Please contact our customer service department or your CrossTech sales rep for more information on stock availability.

Image Formats

Images may be saved in almost any format, including: EPS, TIFF and PSD. Color images should be saved as CMYK (not RGB).

Resolution

The HP Indigo 7600 Digital Offset Press images at a resolution of 812 dpi. Minimum image resolution is 300 dpi for continuous tone and 800 dpi for line art (at finished size). The HP Indigo 7600 Digital Offset Press has the ability to print several different screen resolutions (lpi) and angle sets. CrossTech uses a 175 lpi screen set for most projects.

Applications

CrossTech can handle nearly any Mac-based graphic application, including: Adobe CS Applications (InDesign, Illustrator & PhotoShop), QuarkXPress, Microsoft Office (Word, Excel & PowerPoint) and high-resolution PDF.

High-Resolution PDF

PDF files can also be accepted. It is important to remember the following when creating PDFs:

• Where possible, use PDF-X1A format.

• Embed all font information within the PDF.

• Ensure that all images are at or above the minimum resolution (300 dpi, don't downsample).

• Images are in CMYK (not RGB).

Colors

CrossTech's HP Indigo 7600 Digital Offset Press prints using 4-color process plus the options of adding white and/or transparent (varnish) inks and high value special effects.

High Value Special Effects

A series of new "high value" special effects avaialble only on the HP Indigo 7600 Digital Offset Press.

• White Ink
• Spot Varnish/Watermarks
• Raised Ink Textures (3 levels)
• Textured Effects (Digital Embossing)
• Metallic Simulations using foil paper and white ink for non-metallic areas

File Submission
Acceptable methods include: CD, DVD and flash drive. Files may also be sent via email or FTP. Please visit our website (www.crosstechinc.com) for more information on uploading files to CrossTech.

Fonts, Graphics
Remember to include all fonts and linked graphics.

Rich Black
Pages using large areas of solid black should utilize a "rich black" for optimal results. To create a rich black, use the following process values: 60%C, 40%M, 20%Y, 100%K.

Bleed
Standard bleed of 0.125″ is required for all bleed edges.

Standard Production Flow & Turnaround
All jobs being printed on the HP Indigo 7600 Digital Offset Press require a client approved "proof" prior to the actual printing of the project.

Upon arrival of your project at our location, CrossTech will generate a proof (directly from the HP Indigo 7600 Digital Offset Press) for your approval. Typically, this proof will be delivered the next business morning.

We also have the ability for proofing via PDF. Where possible, we would like to provide a hard-proof for your approval but we understand that time and cost factors sometimes require the use of PDF.

Stock availability, run length, and finishing may all affect the turnaround time.

Many projects can be completed on rush schedules or for same day delivery. Please let us know your schedule needs and we'll make sure you get delivery when needed.

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Image Samples

Image Samples

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Image Samples

Pantone Color Charts

The following pages contain swatches simulating the Pantone color chips. These swatches have been produced with screen tints of the CMYK process colors and printed on CrossTech's HP Indigo 7600 Digital Offset Press. By selecting a color from these charts, you can be assured that the color printed will closely match the color shown on the following pages. Please keep in mind that the stock selection will have an impact on color accuracy.

One of our greatest concerns is achieving the results you expect. Many times a file will be prepared with Pantone colors which were selected from the Pantone Spot Color guide. These colors were achieved through the mixing of special inks to create the exact spot color desired. The HP Indigo 7600 Digital Offset Press uses a combination of Cyan,
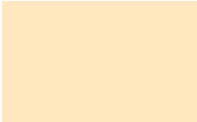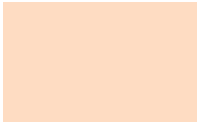
Magenta, Yellow and Black inks (process colors) to achieve a wide variety of colors. Through the use of varying size dots of the four process colors, the appearance of different colors is achieved.
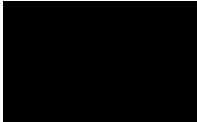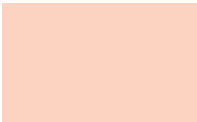
The CMYK color gamut is much smaller than that which may be achieved through ink mixing, therefore not all colors can be exactly simulated on the HP Indigo 7600 Digital Offset Press (or in any process color printing environment). The best way to specify color for the Indigo is to use the color chips which follow.

If you have any questions, please contact CrossTech's customer service department or your sales representative at 312-382-0111.

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Pantone Color Charts

indigo

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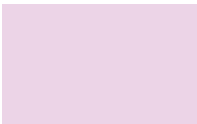
100C	101C	102C	103C	104C	105C
112C	113C	114C	115C	116C	117C
124C	125C	126C	1205C	1215C	1225C
129C	130C	131C	132C	133C	134C
141C	142C	143C	144C	145C	146C
1395C	1405C	148C	149C	150C	151C
1525C	1535C	1545C	155C	156C	157C
1575C	1585C	1595C	1605C	1615C	162C
1625C	1635C	1645C	1655C	1665C	1675C

106C	107C	108C	109C	110C	111C
118C	119C	120C	121C	122C	123C
1235C	1245C	1255C	1265C	127C	128C
135C	136C	137C	138C	139C	140C
147C	1345C	1355C	1365C	1375C	1385C
152C	153C	154C	1485C	1495C	1505C
158C	159C	160C	161C	1555C	1565C
163C	164C	165C	166C	167C	168C
1685C	169C	170C	171C	172C	173C

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Pantone Color Charts

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174C	175C	176C	177C	178C	179C
1795C	1805C	1815C	1767C	1777C	1787C
185C	186C	187C	188C	189C	190C
1905C	1915C	1925C	1935C	1945C	1955C
202C	203C	204C	205C	206C	207C
214C	215C	216C	217C	218C	219C
226C	227C	228C	229C	230C	231C
238C	239C	240C	241C	242C	2365C
243C	244C	245C	246C	247C	248C

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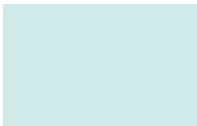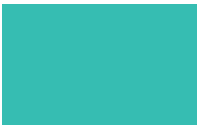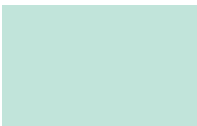
180C	**181C**	**1765C**	**1775C**	**1785C**	**1788C**
1797C	**1807C**	**1817C**	**182C**	**183C**	**184C**
191C	**192C**	**193C**	**194C**	**195C**	**1895C**
196C	**197C**	**198C**	**199C**	**200C**	**201C**
208C	**209C**	**210C**	**211C**	**212C**	**213C**
220C	**221C**	**222C**	**223C**	**224C**	**225C**
232C	**233C**	**234C**	**235C**	**236C**	**237C**
2375C	**2385C**	**2395C**	**2405C**	**2415C**	**2425C**
249C	**250C**	**251C**	**252C**	**253C**	**254C**

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Pantone Color Charts

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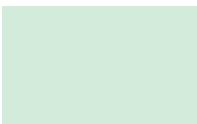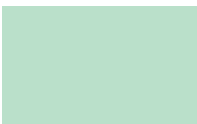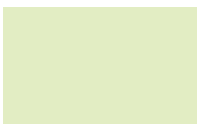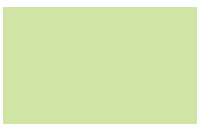
255C	256C	257C	258C	259C	260C
2602C	2612C	2622C	2563C	2573C	2583C
2587C	2597C	2607C	2617C	2627C	2635C
264C	265C	266C	267C	268C	269C
276C	2705C	2715C	2725C	2735C	2745C
2746C	2756C	2766C	2707C	2717C	2727C
2738C	2748C	2758C	2768C	277C	278C
285C	286C	287C	288C	289C	290C
2905C	2915C	2925C	2935C	2945C	2955C

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261C	262C	2562C	2572C	2582C	2592C
2593C	2603C	2613C	2623C	2567C	2577C
2645C	2655C	2665C	2685C	2695C	263C
270C	271C	272C	273C	274C	275C
2755C	2765C	2706C	2716C	2726C	2736C
2747C	2757C	2767C	2708C	2718C	2728C
279C	280C	281C	282C	283C	284C
291C	292C	293C	294C	295C	296C
2965C	297C	298C	299C	300C	301C

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Pantone Color Charts

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302C	303C	2975C	2985C	2995C	3005C
307C	308C	309C	310C	311C	312C
3125C	3135C	3145C	3155C	3165C	317C
324C	325C	326C	327C	328C	329C
3292C	3302C	3245C	3255C	3265C	3275C
3278C	3288C	3298C	3308C	331C	332C
339C	340C	341C	342C	343C	3375C
344C	345C	346C	347C	348C	349C
356C	357C	358C	359C	360C	361C

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3015C	3025C	3035C	304C	305C	306C
313C	314C	315C	316C	3105C	3115C
318C	319C	320C	321C	322C	323C
330C	3242C	3252C	3262C	3272C	3282C
3285C	3295C	3305C	3248C	3258C	3268C
333C	334C	335C	336C	337C	338C
3385C	3395C	3405C	3415C	3425C	3435C
350C	351C	352C	353C	354C	355C
362C	363C	364C	365C	366C	367C

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Pantone Color Charts

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368C	369C	370C	371C	372C	373C
380C	381C	382C	383C	384C	385C
392C	393C	394C	395C	396C	397C
3975C	3985C	3995C	400C	401C	402C
409C	410C	411C	412C	413C	414C
421C	422C	423C	424C	425C	426C
433C	434C	435C	436C	437C	438C
445C	446C	447C	448C	449C	450C
4505C	4515C	4525C	4535C	4545C	455C

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374C 375C 376C 377C 378C 379C

386C 387C 388C 389C 390C 391C

398C 399C 3935C 3945C 3955C 3965C

403C 404C 405C 406C 407C 408C

415C 416C 417C 418C 419C 420C

427C 428C 429C 430C 431C 432C

439C 440C 441C 442C 443C 444C

451C 452C 453C 454C 4485C 4495C

456C 457C 458C 459C 460C 461C

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Pantone Color Charts

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462C	463C	464C	465C	466C	467C
4675C	4685C	469C	470C	471C	472C
4725C	4735C	4745C	4755C	476C	477C
484C	485C	486C	487C	488C	489C
496C	497C	498C	499C	500C	501C
5015C	5025C	5035C	504C	505C	506C
513C	514C	515C	516C	517C	5115C
518C	519C	520C	521C	522C	523C
5235C	5245C	525C	526C	527C	528C

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PMS 462–5275

468C 4625C 4635C 4645C 4655C 4665C

473C 474C 475C 4695C 4705C 4715C

478C 479C 480C 481C 482C 483C

490C 491C 492C 493C 494C 495C

502C 503C 4975C 4985C 4995C 5005C

507C 508C 509C 510C 511C 512C

5125C 5135C 5145C 5155C 5165C 5175C

524C 5185C 5195C 5205C 5215C 5225C

529C 530C 531C 5255C 5265C 5275C

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Pantone Color Charts

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5285C	5295C	5305C	5315C	532C	533C
540C	541C	542C	543C	544C	545C
5455C	546C	547C	548C	549C	550C
5503C	5513C	5523C	5467C	5477C	5487C
555C	556C	557C	558C	559C	5535C
560C	561C	562C	563C	564C	565C
572C	573C	5605C	5615C	5625C	5635C
577C	578C	579C	580C	5743C	5753C
5757C	5767C	5777C	5787C	5797C	5807C

534C
535C
536C
537C
538C
539C

5395C
5405C
5415C
5425C
5435C
5445C

551C
552C
5463C
5473C
5483C
5493C

5497C
5507C
5517C
5527C
553C
554C

5545C
5555C
5565C
5575C
5585C
5595C

566C
567C
568C
569C
570C
571C

5645C
5655C
5665C
574C
575C
576C

5763C
5773C
5783C
5793C
5803C
5747C

581C
582C
583C
584C
585C
586C

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Pantone Color Charts

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587C	5815C	5825C	5835C	5845C	5855C
604C	605C	606C	607C	608C	609C
616C	617C	618C	619C	620C	621C
628C	629C	630C	631C	632C	633C
640C	641C	642C	643C	644C	645C
652C	653C	654C	655C	656C	657C
664C	665C	666C	667C	668C	669C
676C	677C	678C	679C	680C	681C
688C	689C	690C	691C	692C	693C

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5865C	5875C	600C	601C	602C	603C
610C	611C	612C	613C	614C	615C
622C	623C	624C	625C	626C	627C
634C	635C	636C	637C	638C	639C
646C	647C	648C	649C	650C	651C
658C	659C	660C	661C	662C	663C
670C	671C	672C	673C	674C	675C
682C	683C	684C	685C	686C	687C
694C	695C	696C	697C	698C	699C

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Pantone Color Charts

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700C	701C	702C	703C	704C	705C
712C	713C	714C	715C	716C	717C
724C	725C	726C	727C	728C	729C
W Gray 4	W Gray 5	W Gray 6	W Gray 7	W Gray 8	W Gray 9
C Gray 5	C Gray 6	C Gray 7	C Gray 8	C Gray 9	C Gray 10
032C	Purple	R Blue	R.Red	Violet	Rubine

801C	802C	803C	804C	805C	806C
876C	877C	Black 0961C			

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706C	**707C**	**708C**	**709C**	**710C**	**711C**
718C	**719C**	**720C**	**721C**	**722C**	**723C**
730C	**731C**	**732C**	**W Grey 1**	**W Gray 2**	**W Gray 3**
W Gray 10	**W Gray 11**	**C Gray 1**	**C Gray 2**	**C Gray 3**	**C Gray 4**
C Gray 11	**P. Yellow**	**P. Cyan**	**P. Magenta**	**P. Black**	**021C**
Green	**P Blue**	**Cyan**	**Wm Red**	**Yellow**	**Magenta**

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807C	**871C**	**872C**	**873C**	**874C**	**875C**

CMYK Color Charts

The following section contains color swatches that have been produced on CrossTech's HP Indigo 7600 Digital Offset Press. Each process color has been "stepped" in 10% increments. By using these percentages in your file, you can be assured that the results will match your selection very closely. Please keep in mind that the stock selection will have an impact on color accuracy.

For best results, the color chips should be viewed individually under color corrected lighting. To view colors individually, make a cut-out in the middle of a white sheet of paper (the size of each color chip). Overlay this cut-out on the color to be viewed, thereby "knocking out" the remaining chips on the page.

Throughout the 66 charts, Cyan and Magenta are shown complete (0% through 100%). Each subsequent chart adds yellow in 10% increments. When yellow reaches 100%, the next chart adds 10% black and the yellow increments start anew. We have only shown the black in increments up to 50% as the colors beyond this point appear mostly black.

If you have any questions about color specification please contact CrossTech's customer service department or your sales representative at 312-382-0111.

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HP Indigo 7600 Digital Offset Press

CMYK Color Charts

MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
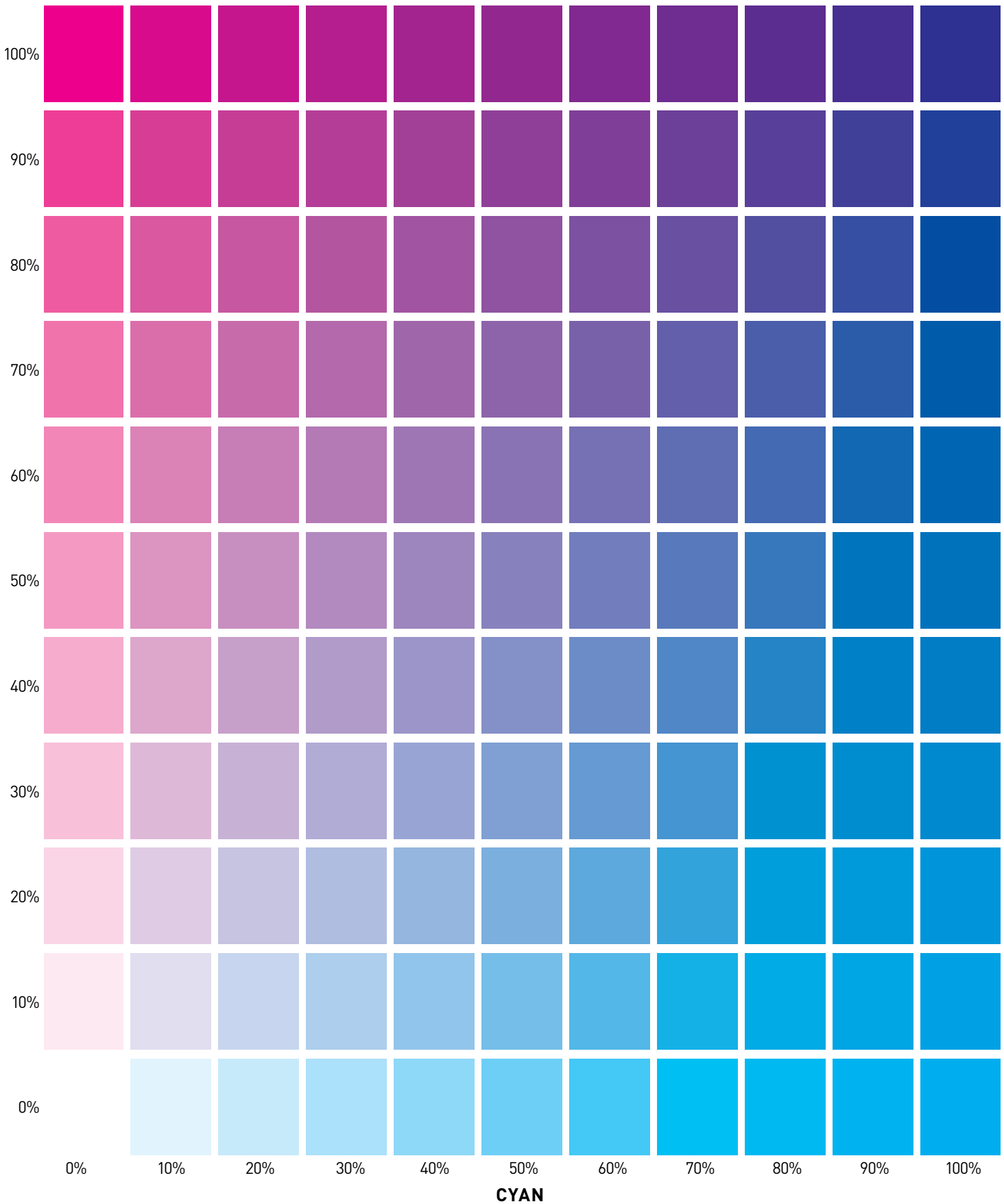
CYAN

indigo

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CMYK Color Charts

M A G E N T A

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%
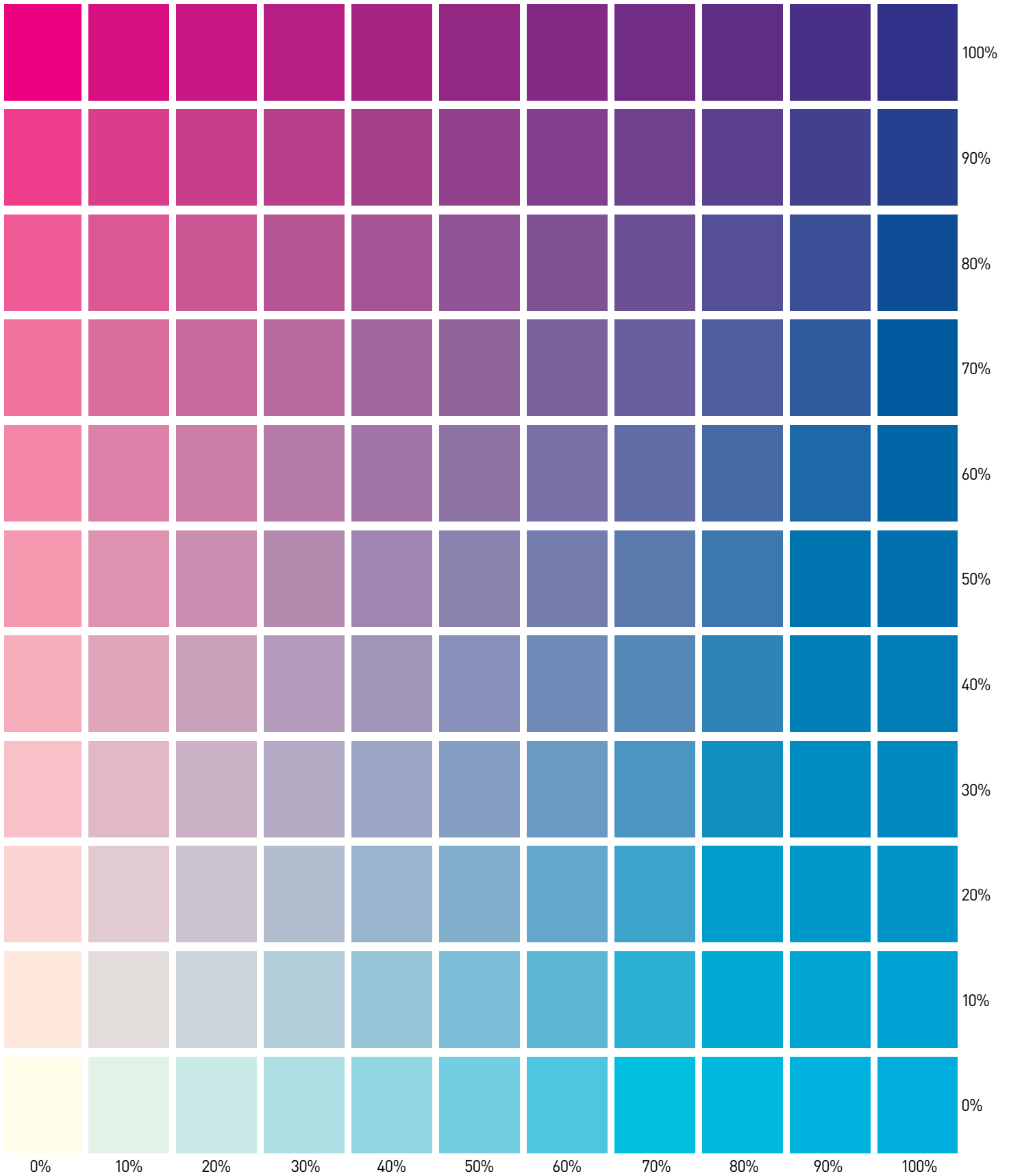
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0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

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Yellow = 20% / Black = 0%

MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

indigo

31

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

CMYK Color Charts

M A G E N T A

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

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Yellow = 40% / Black = 0%

MAGENTA

CYAN
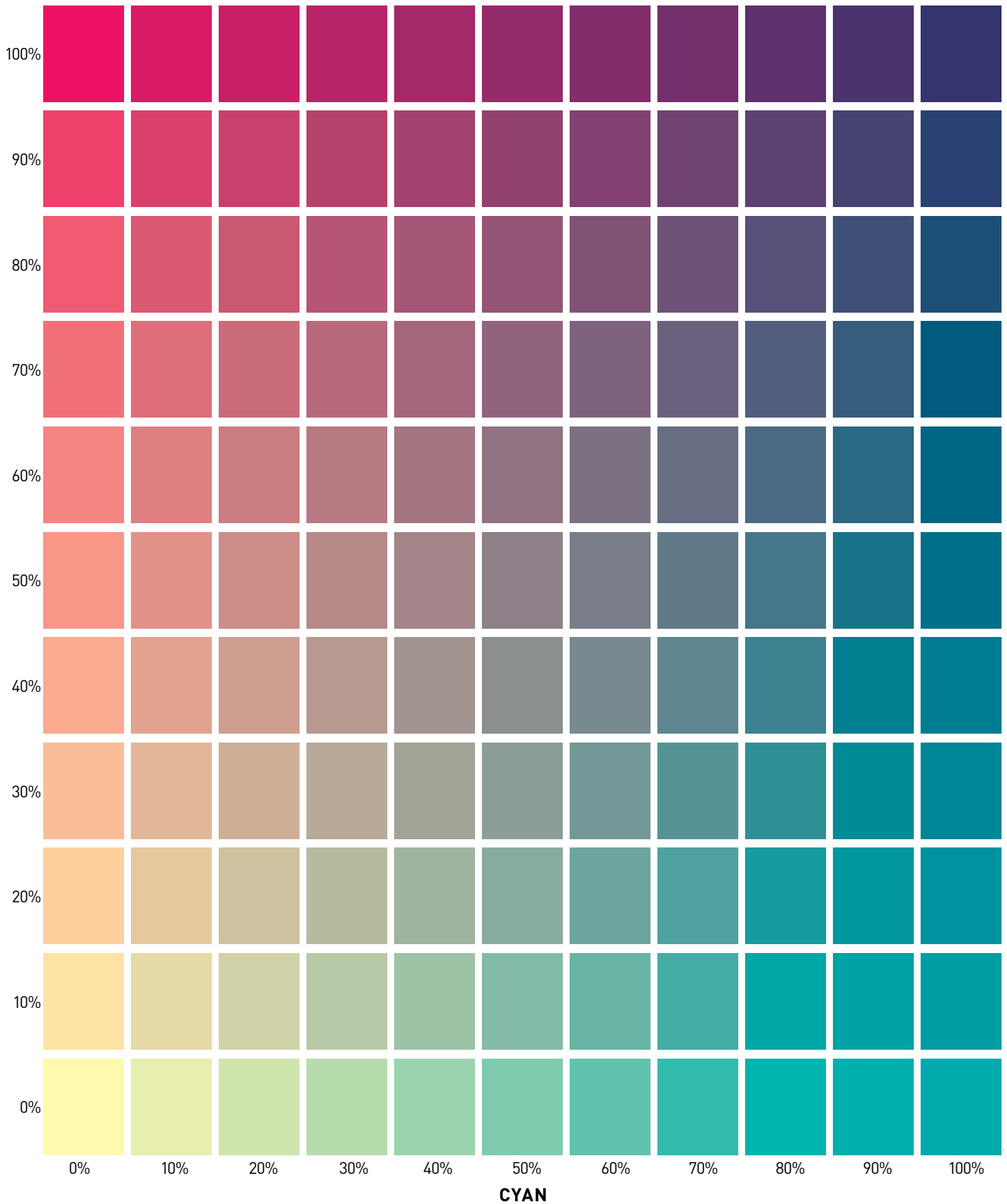
indigo

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CMYK Color Charts

M A G E N T A

											100%
											90%
											80%
											70%
											60%
											50%
											40%
											30%
											20%
											10%
											0%
0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	

CYAN

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Yellow = 60% / Black = 0%

MAGENTA

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CYAN

CMYK Color Charts

Yellow = 70% / Black = 0%

MAGENTA

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
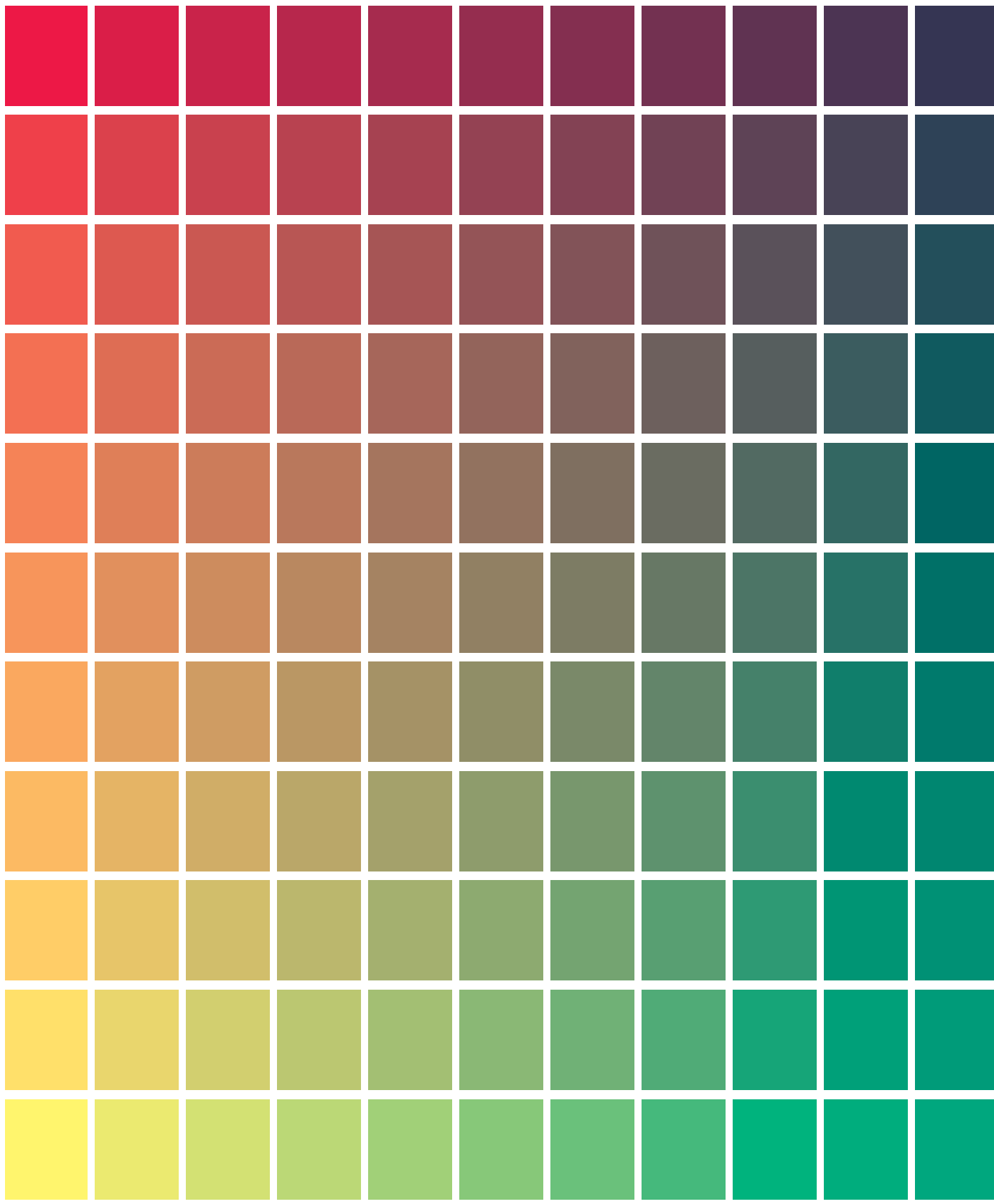
CYAN

indigo

36

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CrossTech
COMMUNICATIONS INC

Yellow = 80% / Black = 0%

MAGENTA

indigo

37

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

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CMYK Color Charts

**M
A
G
E
N
T
A**

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

CrossTech
COMMUNICATIONS INC

Yellow = 100% / Black = 0%

MAGENTA

indigo

39

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

CMYK Color Charts

**M
A
G
E
N
T
A**

100%

90%

80%

70%

60%

indigo

40

50%

40%

30%

20%

10%

0%

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0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

CrossTech
COMMUNICATIONS INC

MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

indigo

41

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CMYK Color Charts

Yellow = 20% / Black = 10%

M											100%
A											
G											90%
E											80%
N											70%
T											60%
A											50%
											40%
											30%
											20%
											10%
											0%
0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	

CYAN

CrossTech
COMMUNICATIONS INC

MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

indigo

43

CMYK Color Charts

M A G E N T A

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

indigo

44

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CrossTech
COMMUNICATIONS INC

Yellow = 50% / Black = 10%

MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

indigo

45

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

For additional information please contact us at: 312-382-0111 Fax: 312-382-0004 www.crosstechinc.com
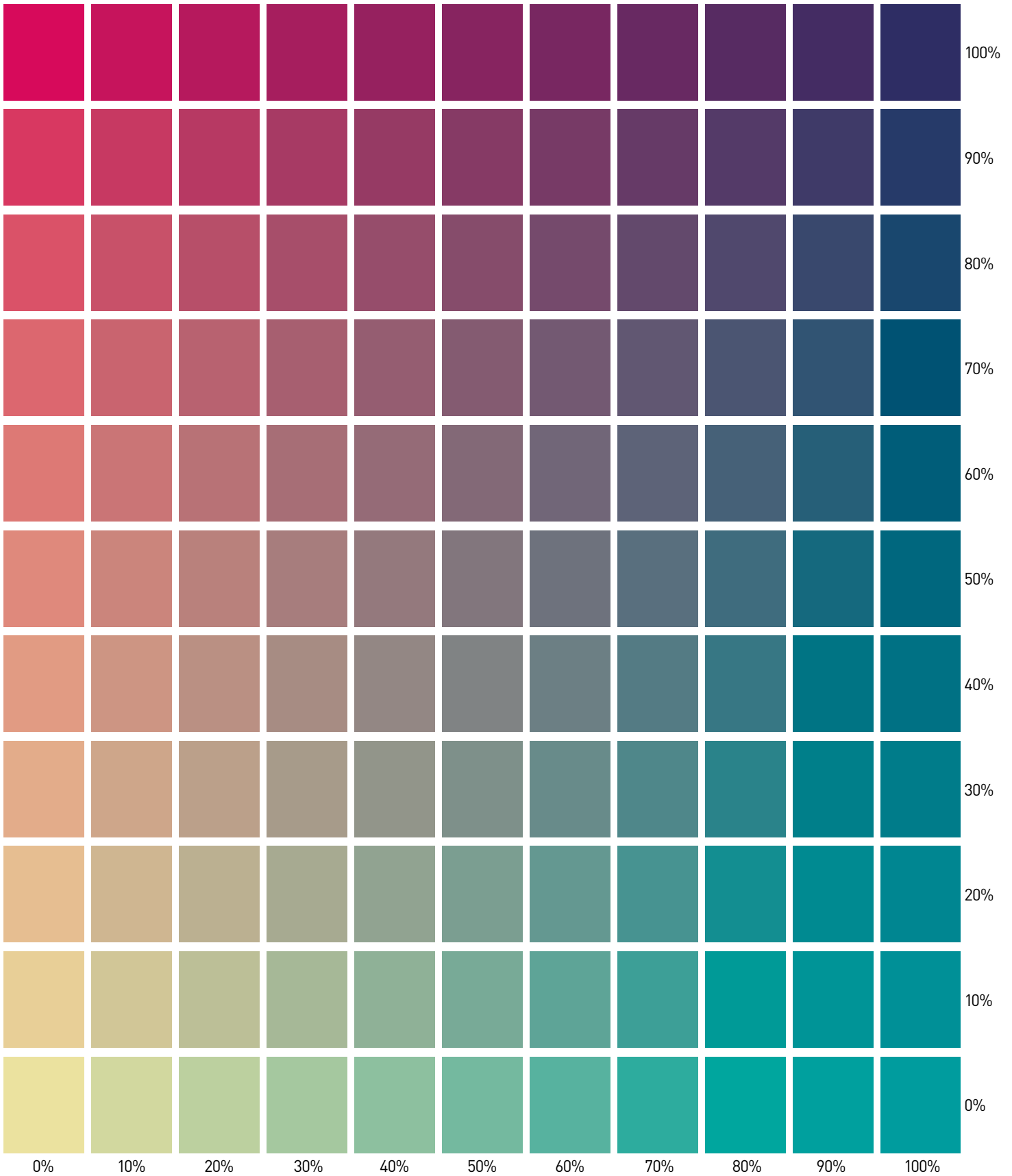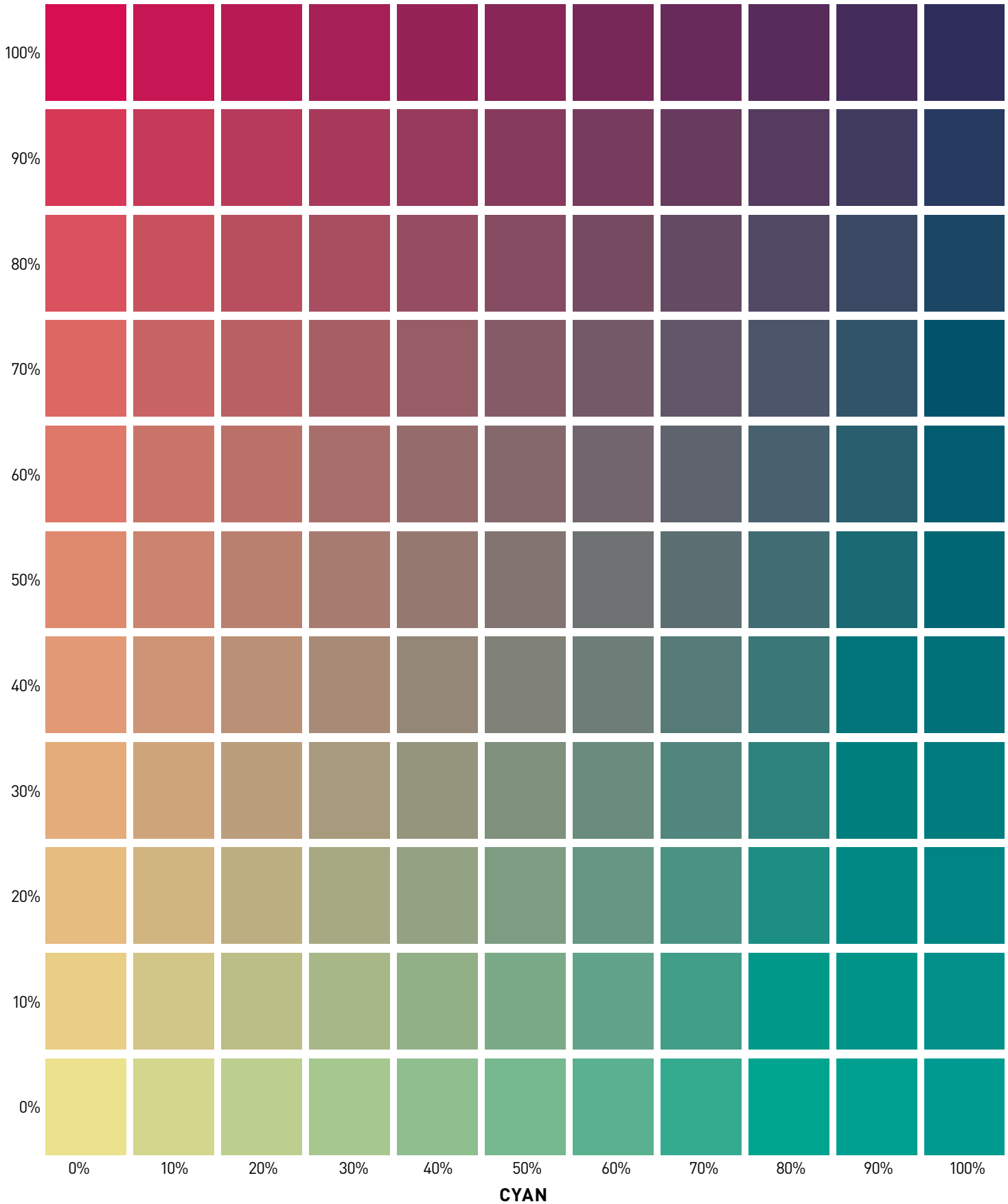
CMYK Color Charts

Yellow = 60% / Black = 10%

M
A
G
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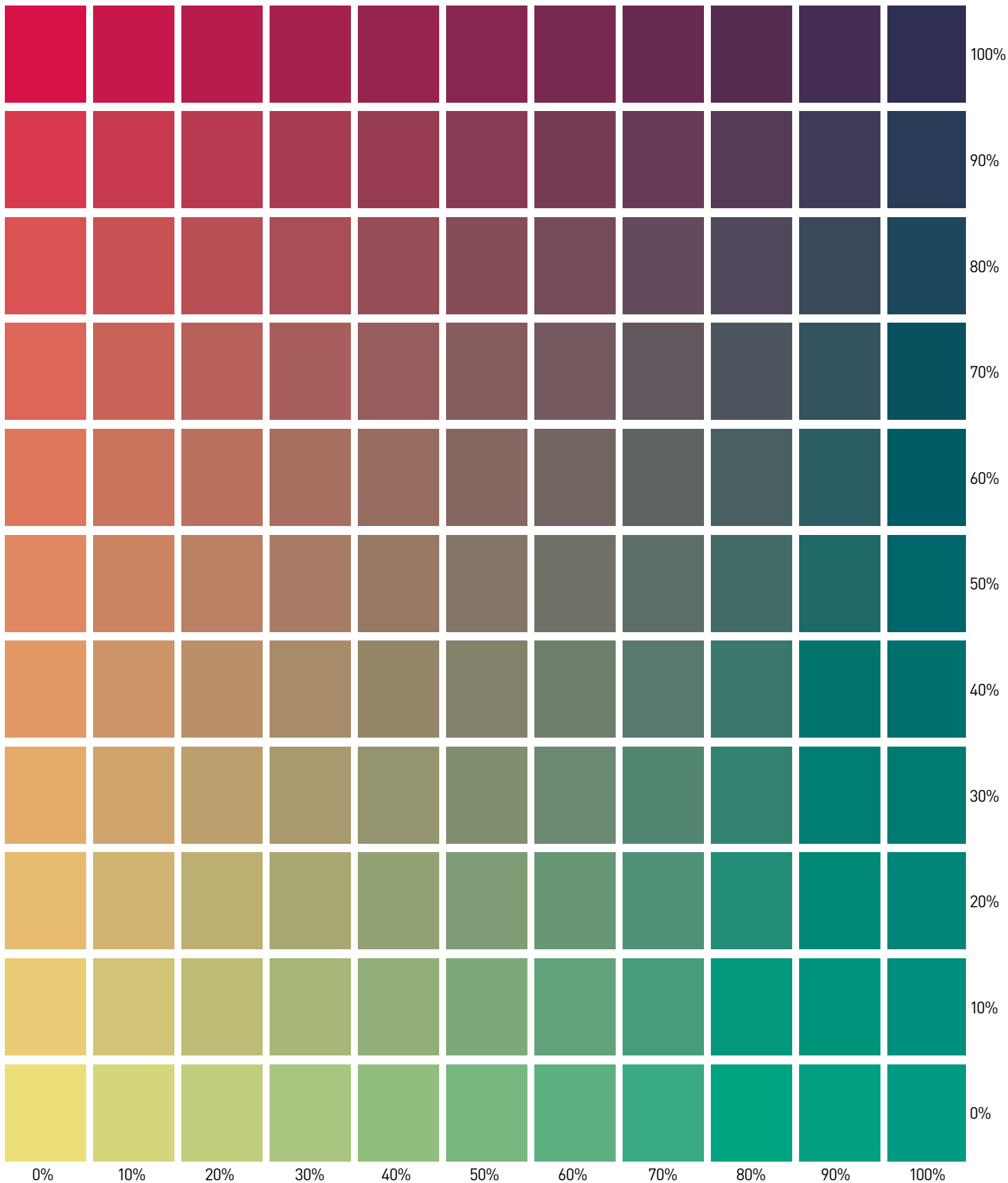
											100%
											90%
											80%
											70%
											60%
											50%
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											30%
											20%
											10%
											0%

0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

CYAN

Yellow = 70% / Black = 10%

M
A
G
E
N
T
A

100%

90%

80%

70%

60%

indigo

47

50%

40%

30%

20%

10%

0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

CMYK Color Charts

Yellow = 80% / Black = 10%

M
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	100%
	90%
	80%
	70%
	60%
	50%
	40%
	30%
	20%
	10%
	0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

48

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Yellow = 90% / Black = 10%

MAGENTA

indigo

49

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

CMYK Color Charts

Yellow = 100% / Black = 10%

M
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N
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A

	100%
	90%
	80%
	70%
	60%
	50%
	40%
	30%
	20%
	10%
	0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

indigo

CrossTech
COMMUNICATIONS INC

Yellow = 0% / Black = 20%

MAGENTA

indigo

51

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100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

CMYK Color Charts

Yellow = 10% / Black = 20%

M
A
G
E
N
T
A

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

indigo

52

CrossTech
COMMUNICATIONS INC

MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

indigo

53

CMYK Color Charts

M A G E N T A

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

indigo

54

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Yellow = 40% / Black = 20%

MAGENTA

100%

90%

80%

70%

60%

indigo

55

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

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CMYK Color Charts

Yellow = 50% / Black = 20%

MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

indigo

56

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CrossTech
COMMUNICATIONS INC

Yellow = 60% / Black = 20%

MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

indigo

57

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CMYK Color Charts

M A G E N T A

100%

90%

80%

70%

60%

indigo

58

50%

40%

30%

20%

10%

0%

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0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

MAGENTA

100%

90%

80%

70%

60%

indigo

59

50%

40%

30%

20%

10%

0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

CMYK Color Charts

Yellow = 90% / Black = 20%

M
A
G
E
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T
A

indigo

60

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										100%
										90%
										80%
										70%
										60%
										50%
										40%
										30%
										20%
										10%
										0%
0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

CYAN

CrossTech
COMMUNICATIONS INC

Yellow = 100% / Black = 20%

MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

indigo

61

CYAN

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CMYK Color Charts

M A G E N T A

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

indigo

62

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Yellow = 10% / Black = 30%

MAGENTA

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%　10%　20%　30%　40%　50%　60%　70%　80%　90%　100%

CYAN

indigo

63

CMYK Color Charts

Yellow = 20% / Black = 30%

M
A
G
E
N
T
A

64

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										100%
										90%
										80%
										70%
										60%
										50%
										40%
										30%
										20%
										10%
										0%

| 0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% |

CYAN

MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

indigo

65

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
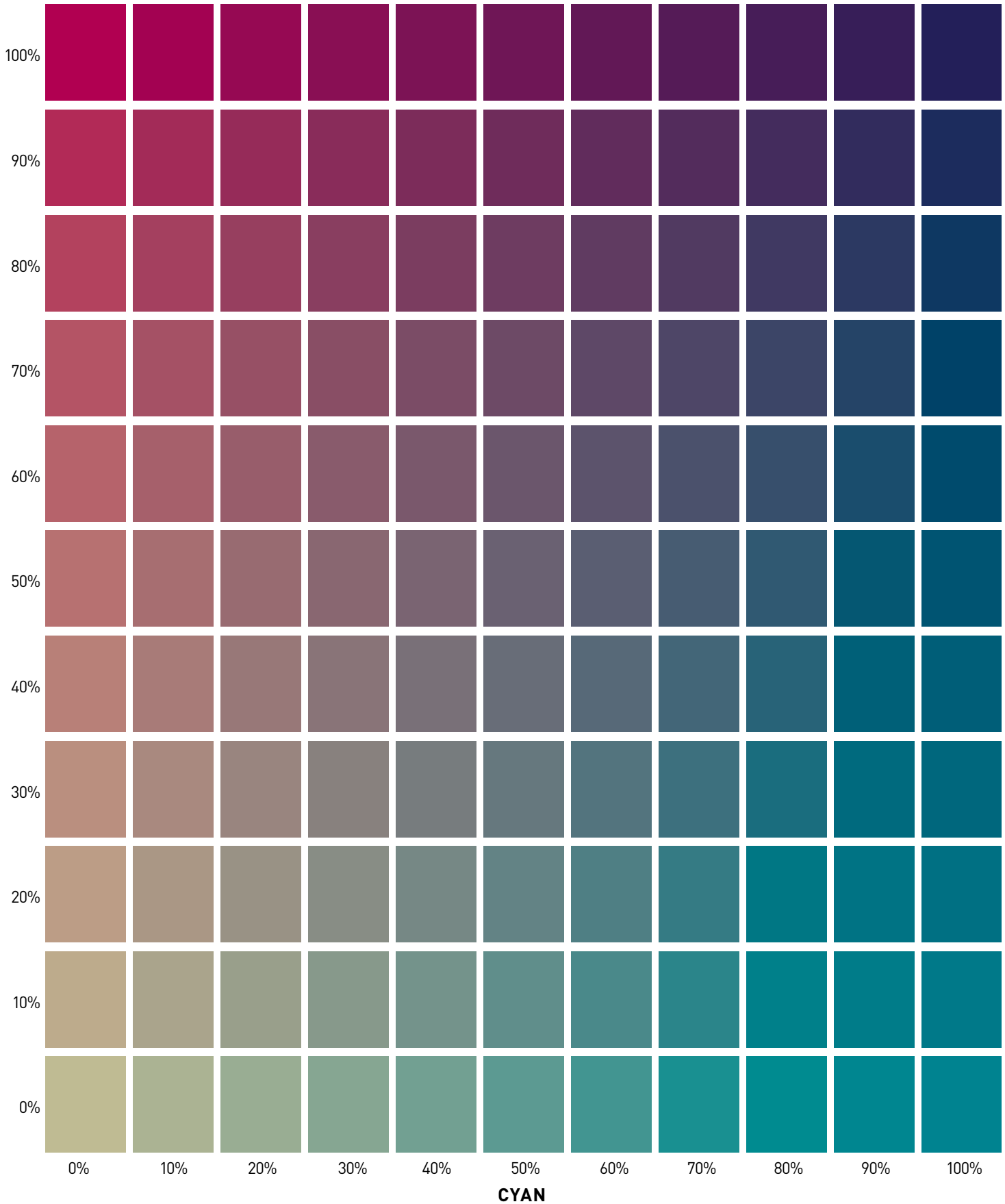
CYAN

CMYK Color Charts

Yellow = 40% / Black = 30%

66

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M A G E N T A

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

CrossTech
COMMUNICATIONS INC

Yellow = 50% / Black = 30%

MAGENTA

indigo

67

100%										
90%										
80%										
70%										
60%										
50%										
40%										
30%										
20%										
10%										
0%										
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
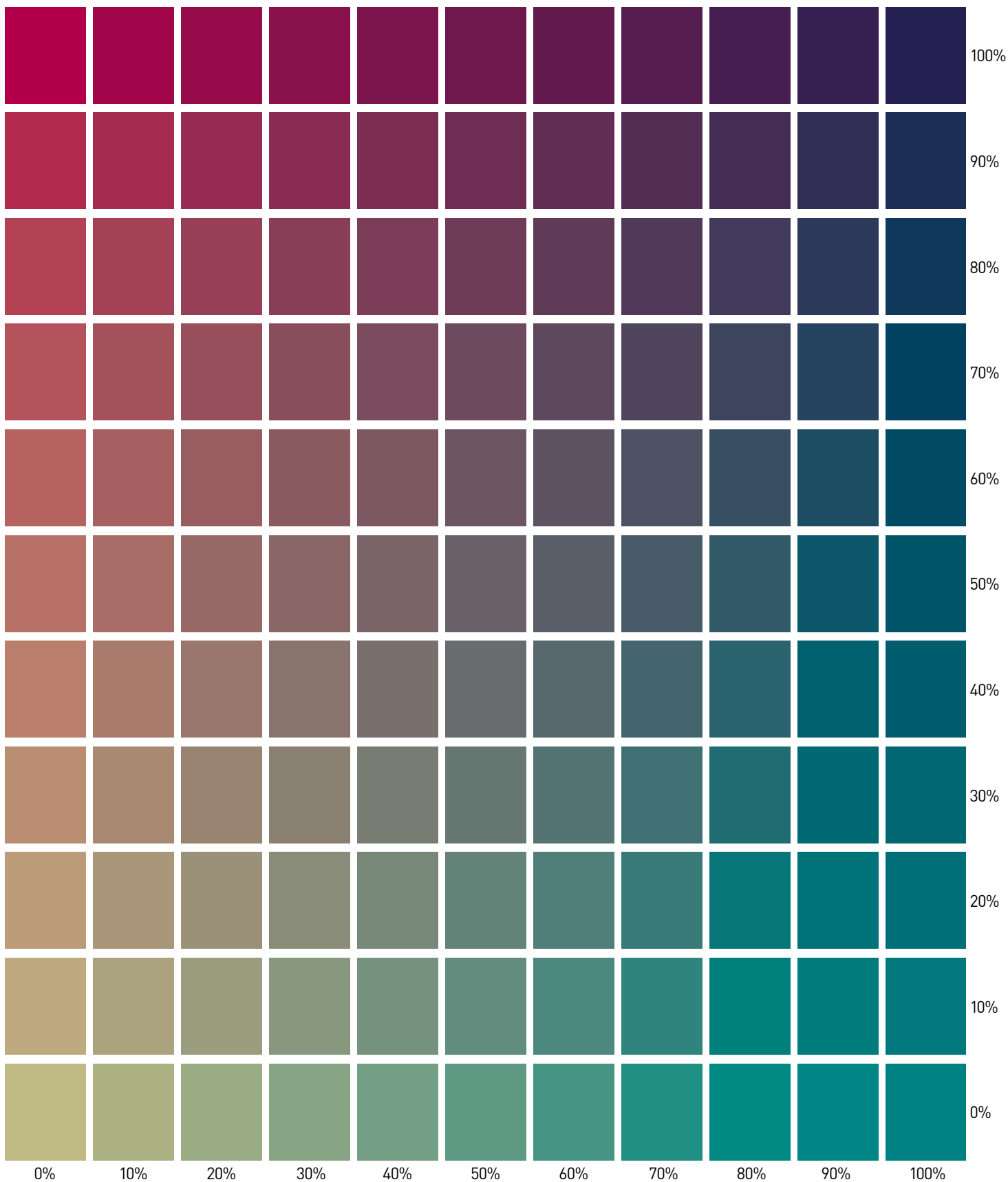
CYAN
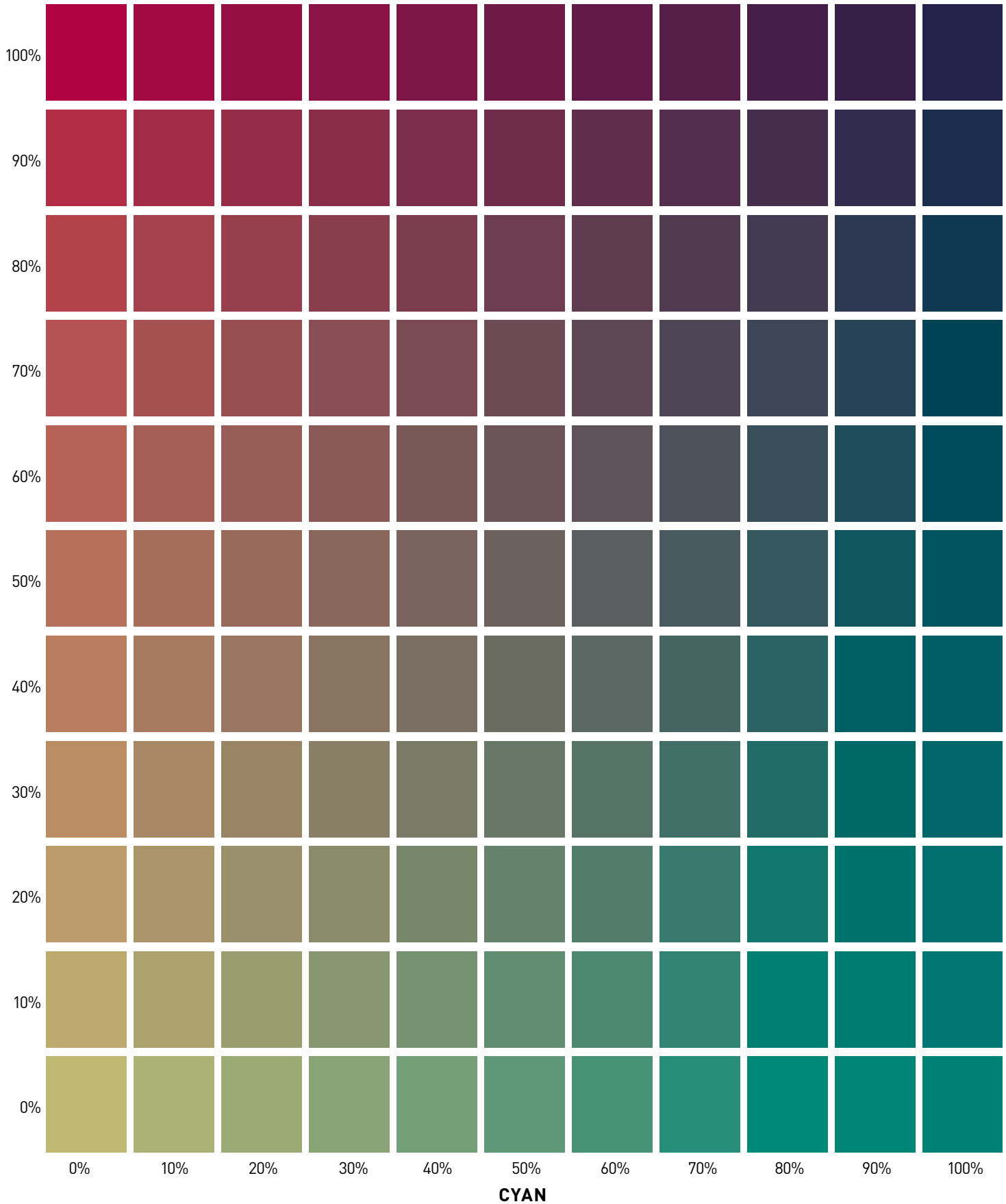
CMYK Color Charts

Yellow = 60% / Black = 30%

M
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100%

90%

80%

70%

60%

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30%

20%

10%

0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
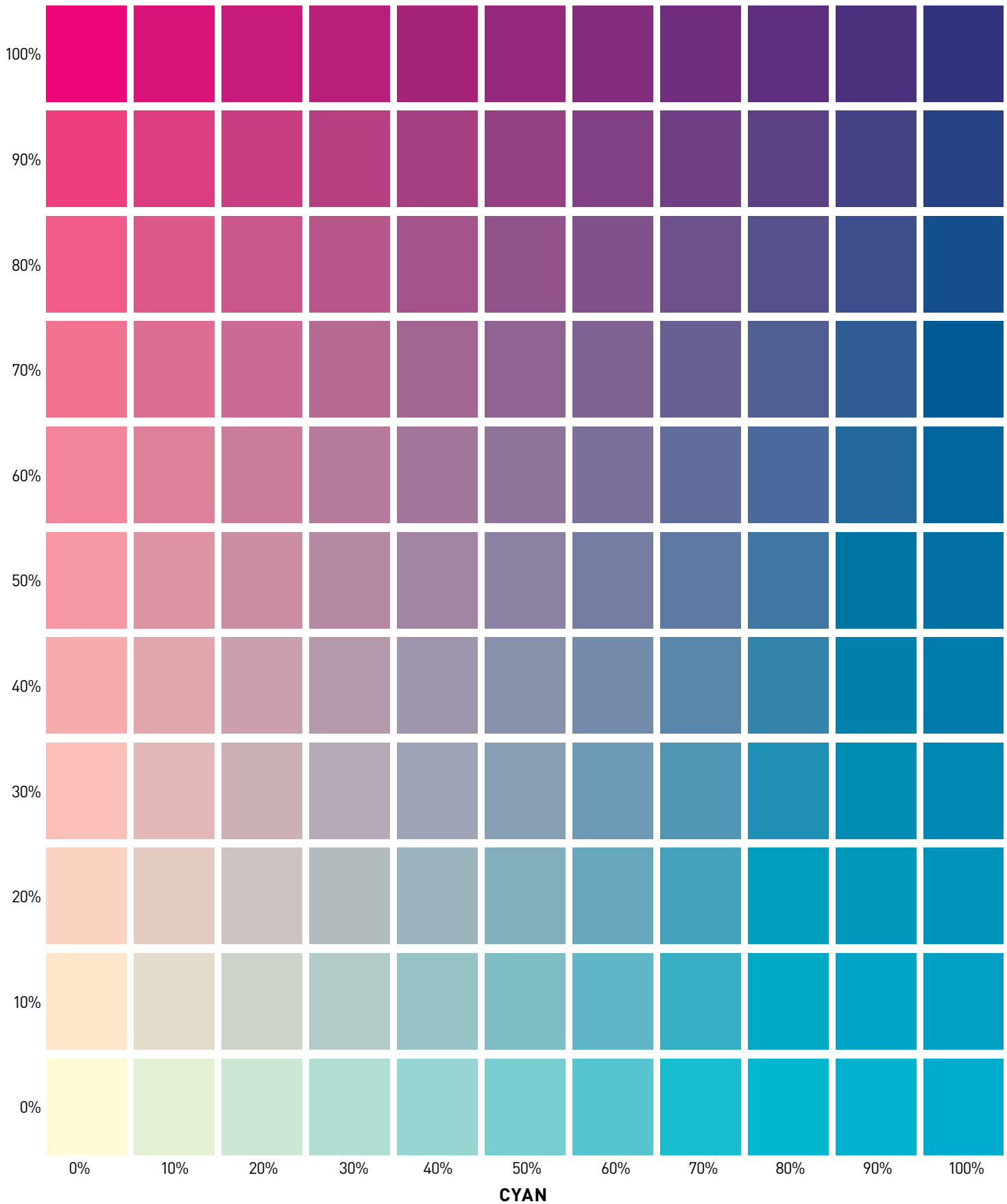
CYAN

68
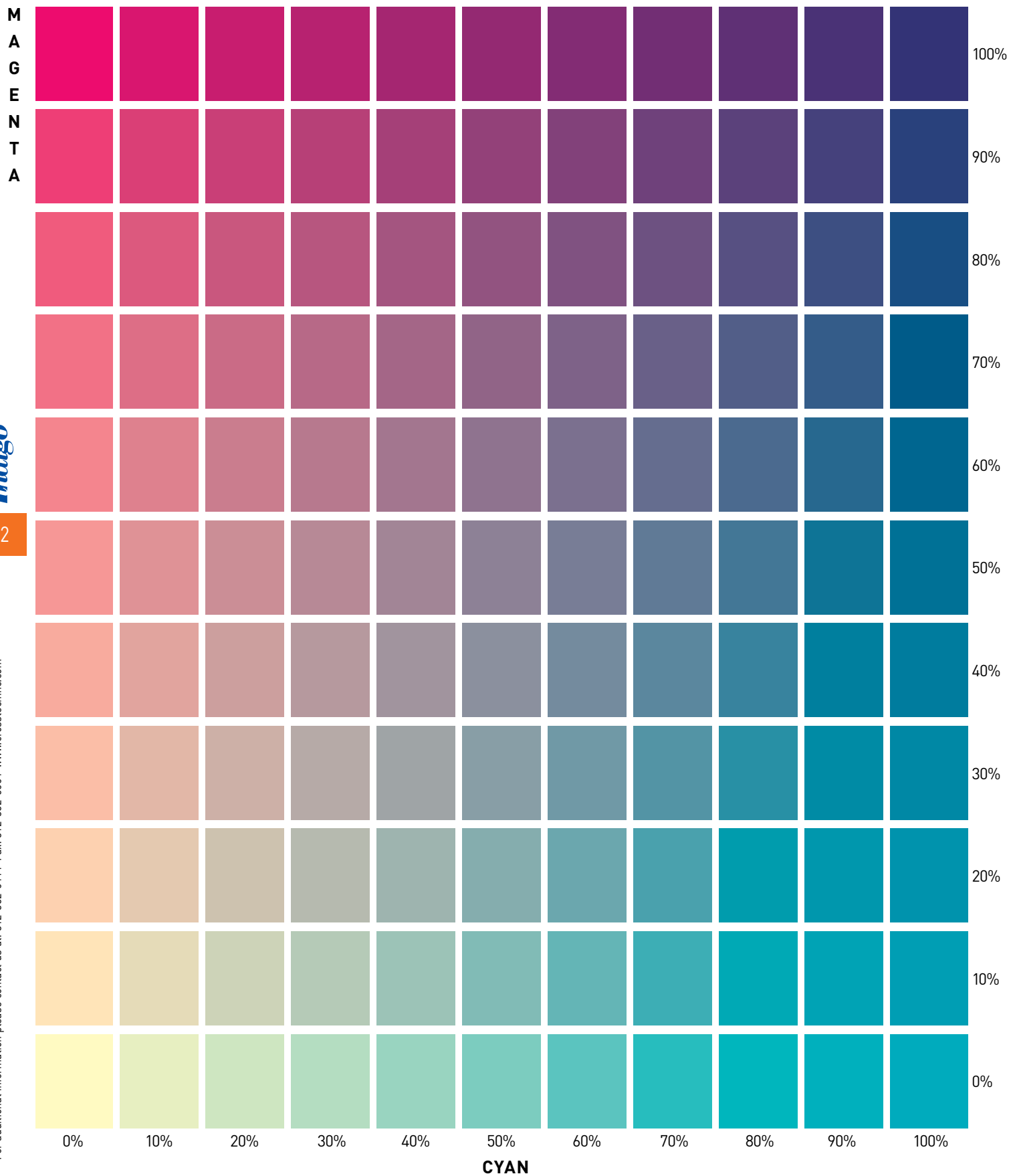
For additional information please contact us at: 312-382-0111 Fax: 312-382-0004 www.crosstechinc.com

Yellow = 70% / Black = 30%

MAGENTA

100%

90%

80%

70%

60%

indigo

69

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

CMYK Color Charts

Yellow = 80% / Black = 30%

M A G E N T A

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

CrossTech
COMMUNICATIONS INC

Yellow = 90% / Black = 30%

M
A
G
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N
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A

100%

90%

80%

70%

60%

indigo

71

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

For additional information please contact us at: 312-382-0111 Fax: 312-382-0004 www.crosstechinc.com
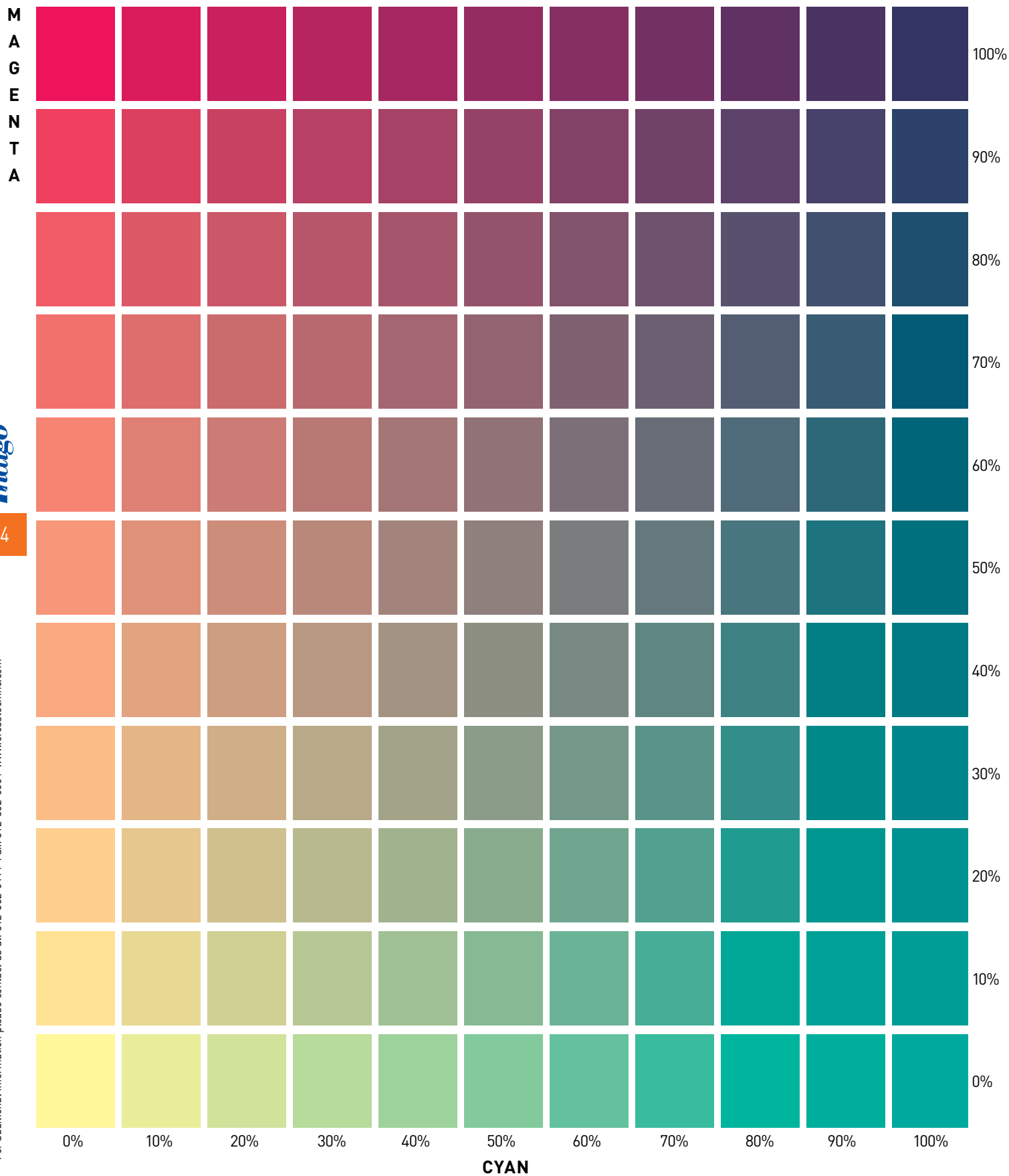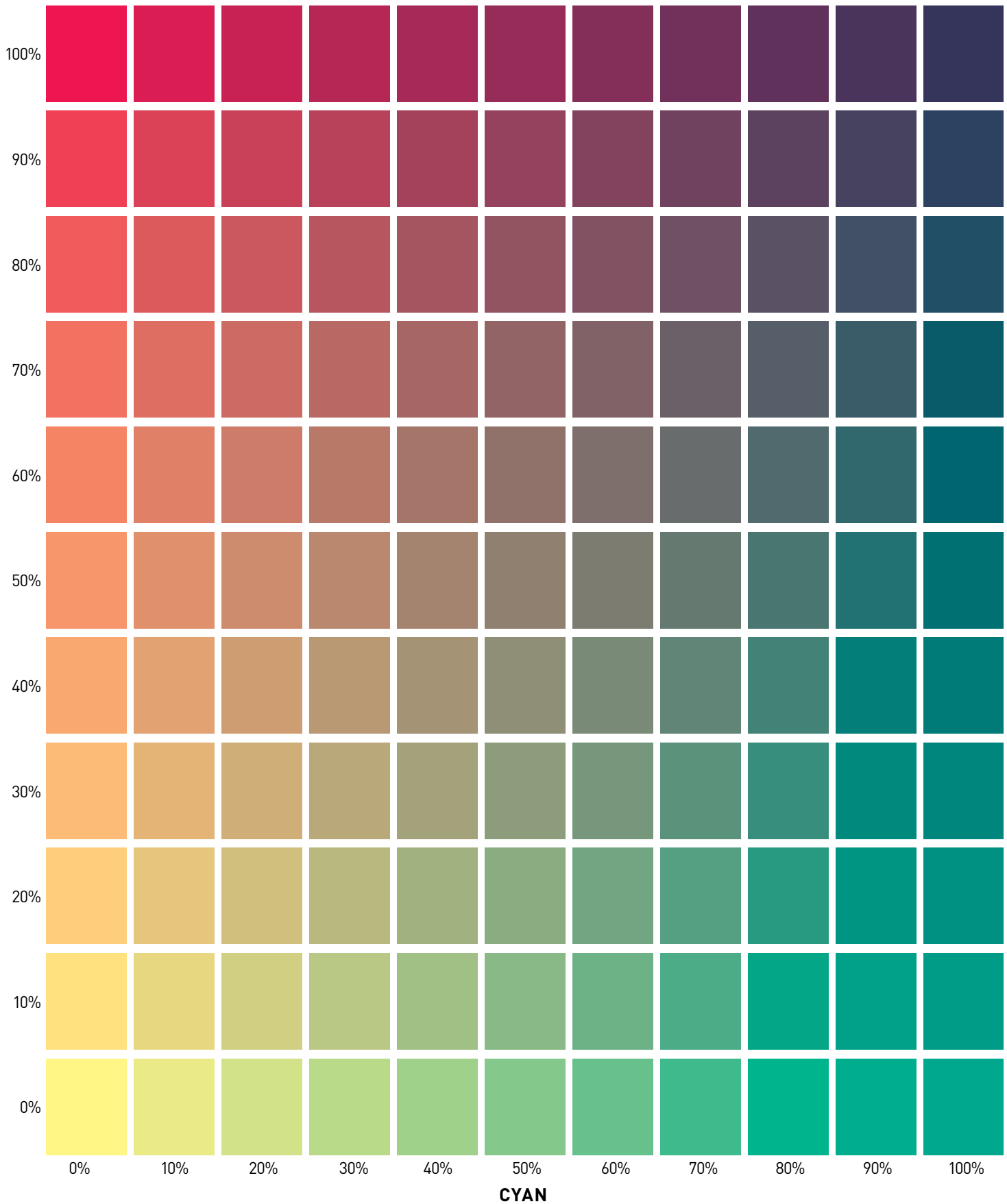
CMYK Color Charts

Yellow = 100% / Black = 30%

M
A
G
E
N
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A

100%

90%

80%

70%

indigo

72

60%

50%

40%

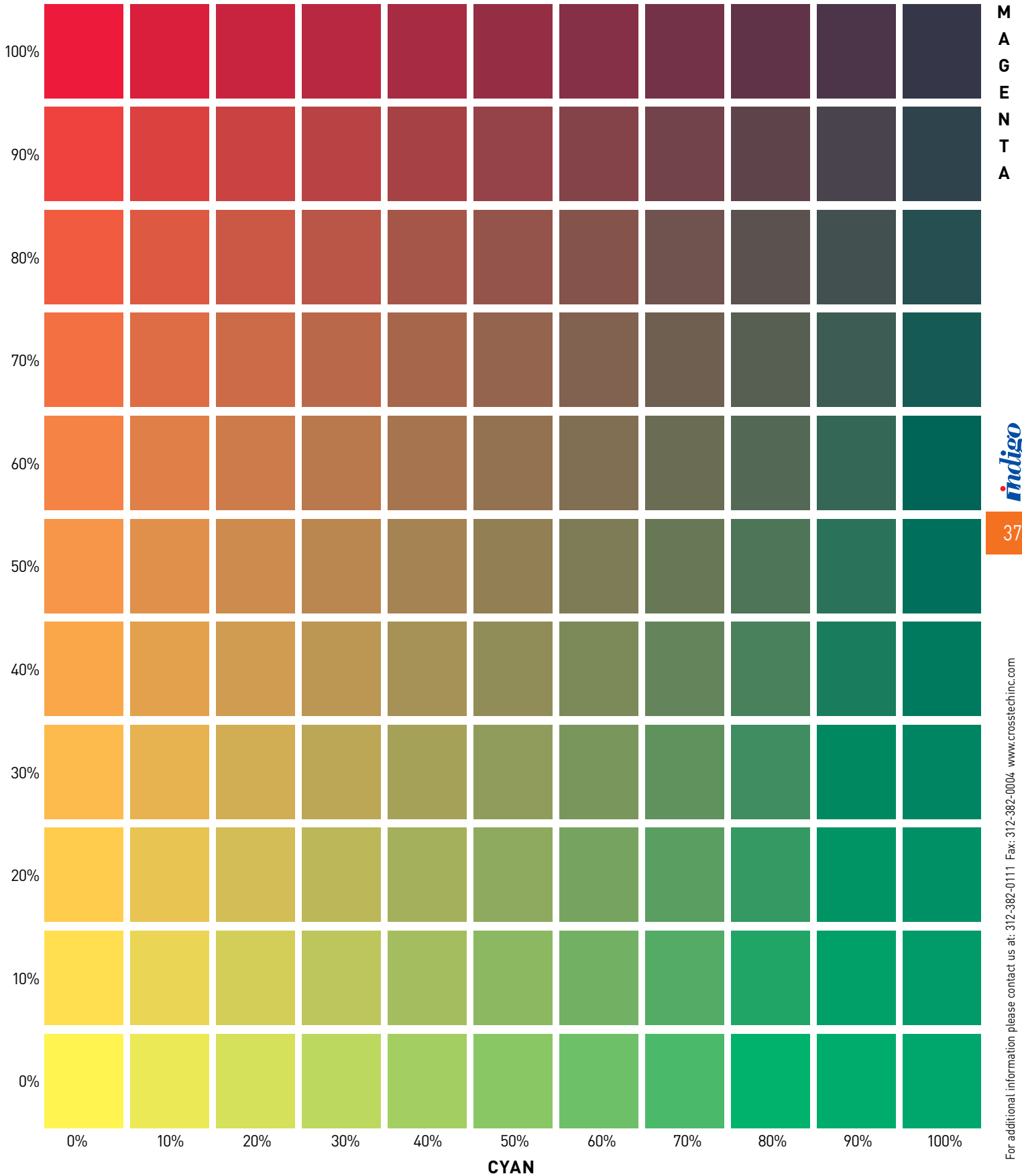For additional information please contact us at: 312-382-0111 Fax: 312-382-0004 www.crosstechinc.com

30%

20%

10%

0%

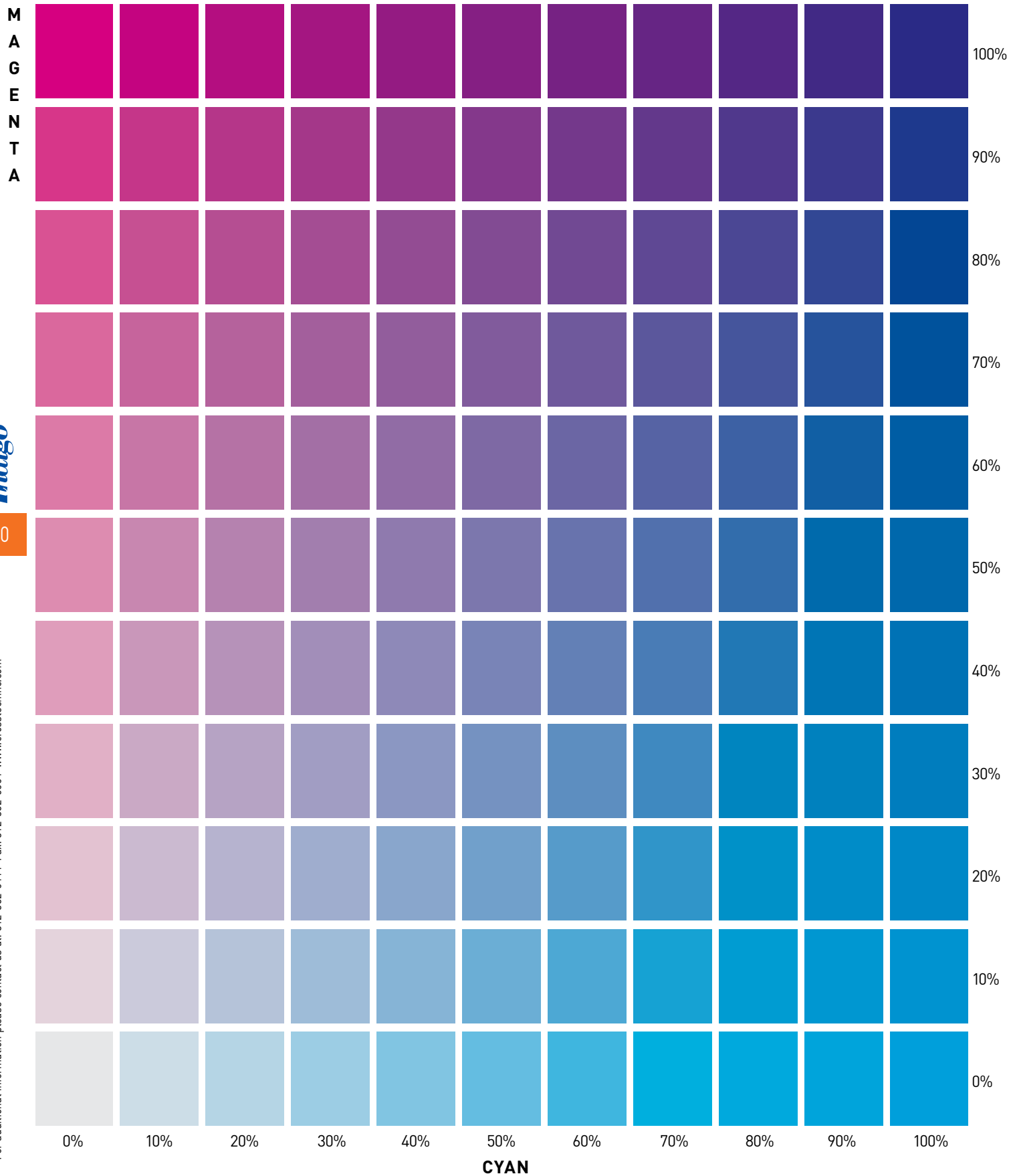| 0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% |

CYAN

CrossTech
COMMUNICATIONS INC

Yellow = 0% / Black = 40%

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

M A G E N T A

indigo

73

CMYK Color Charts

Yellow = 10% / Black = 40%

MAGENTA (rows, top to bottom): 100%, 90%, 80%, 70%, 60%, 50%, 40%, 30%, 20%, 10%, 0%

CYAN (columns, left to right): 0%, 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%

CrossTech
COMMUNICATIONS INC

Yellow = 20% / Black = 40%

MAGENTA

100%

90%

80%

70%

60%

indigo

50%

75

40%

30%

20%

10%

0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

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CMYK Color Charts

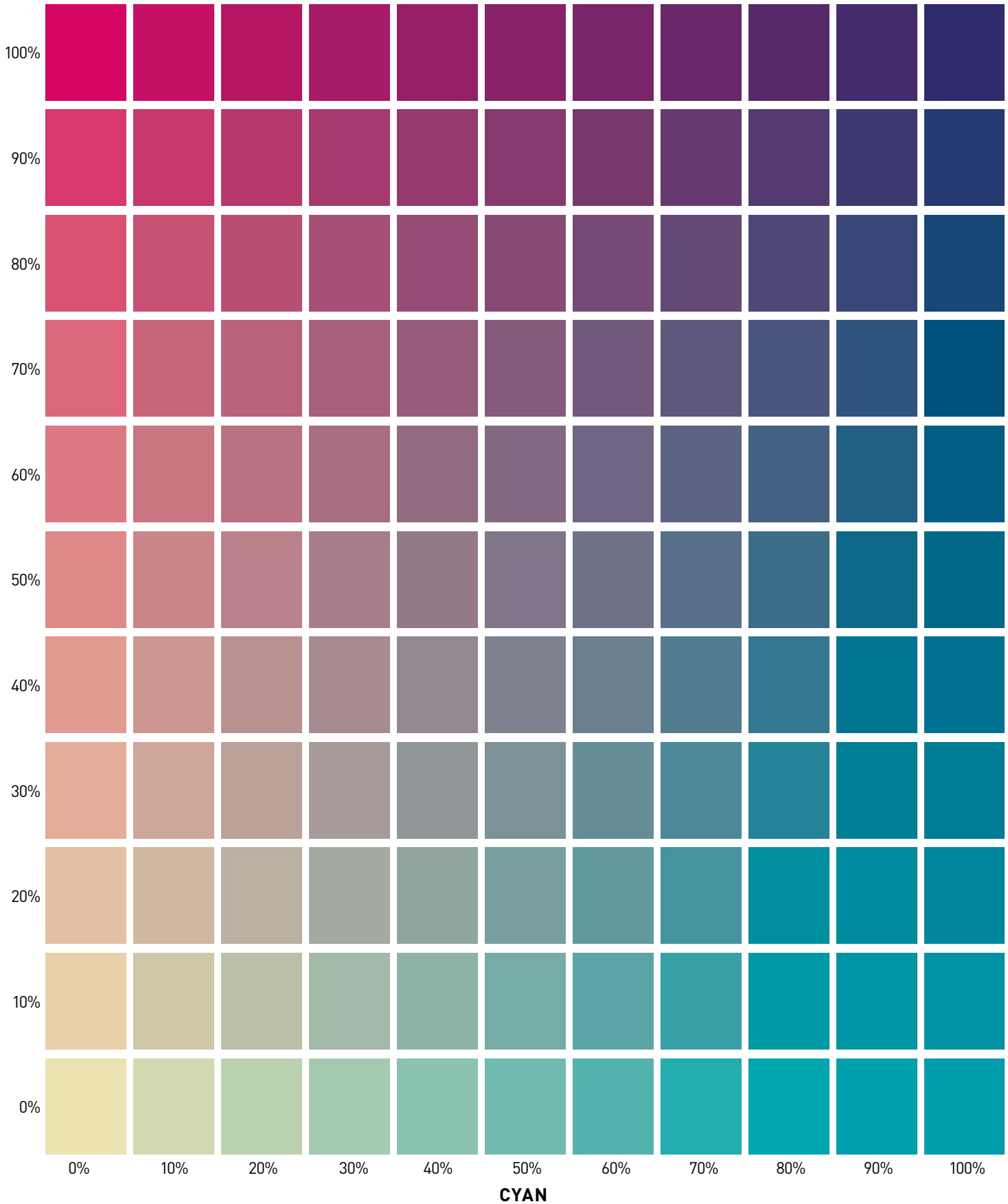**Yellow = 30% / Black = 40%**
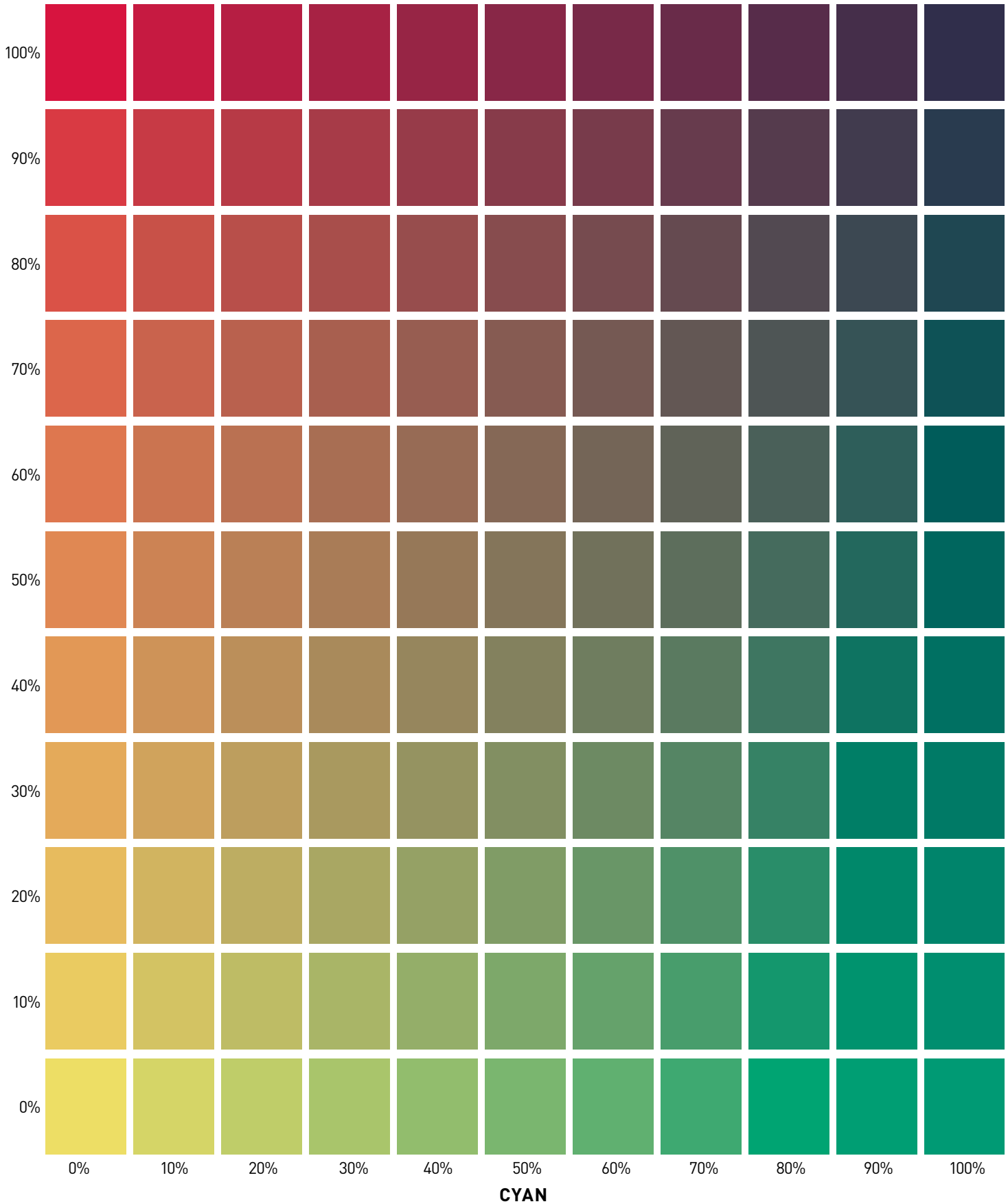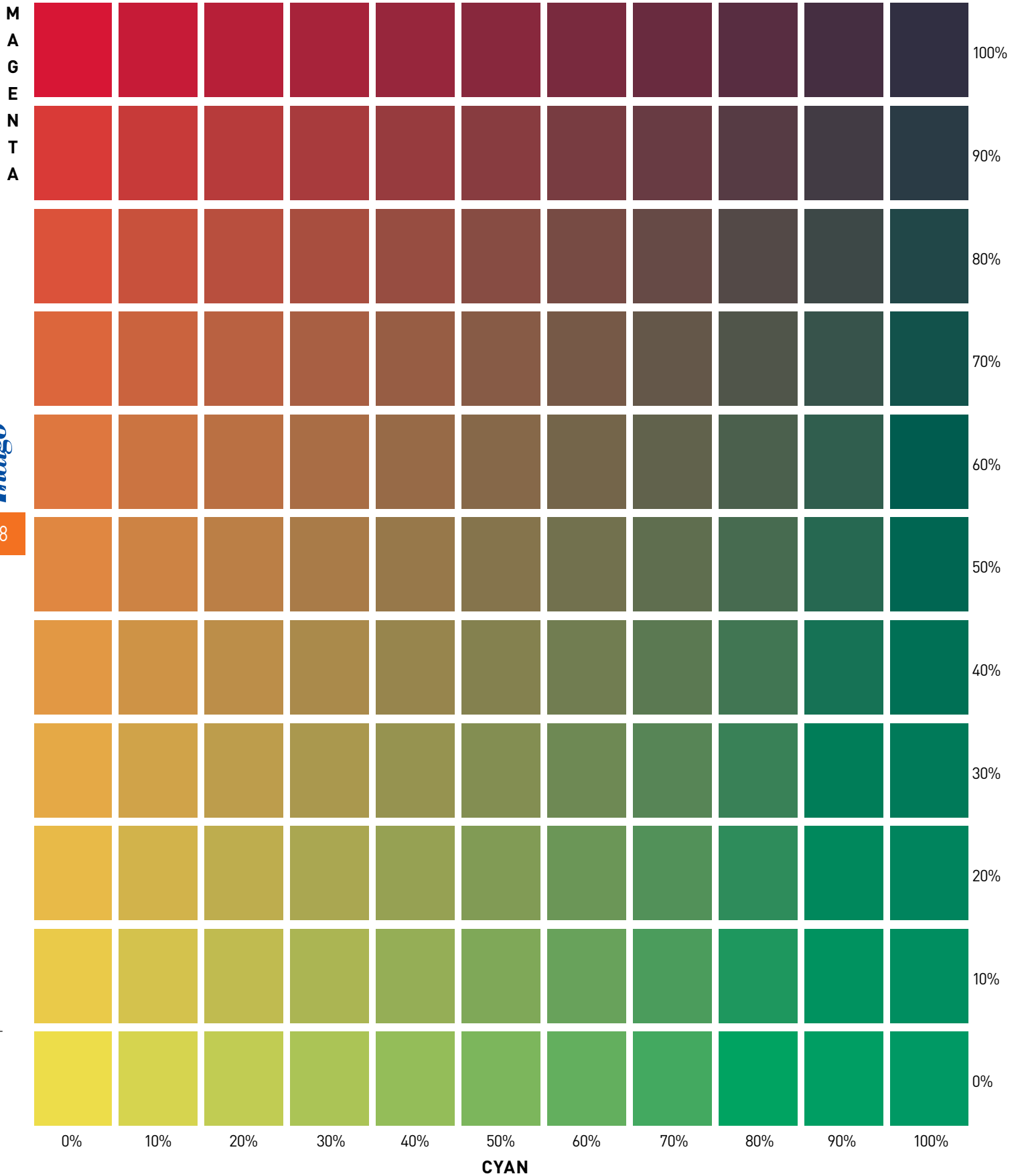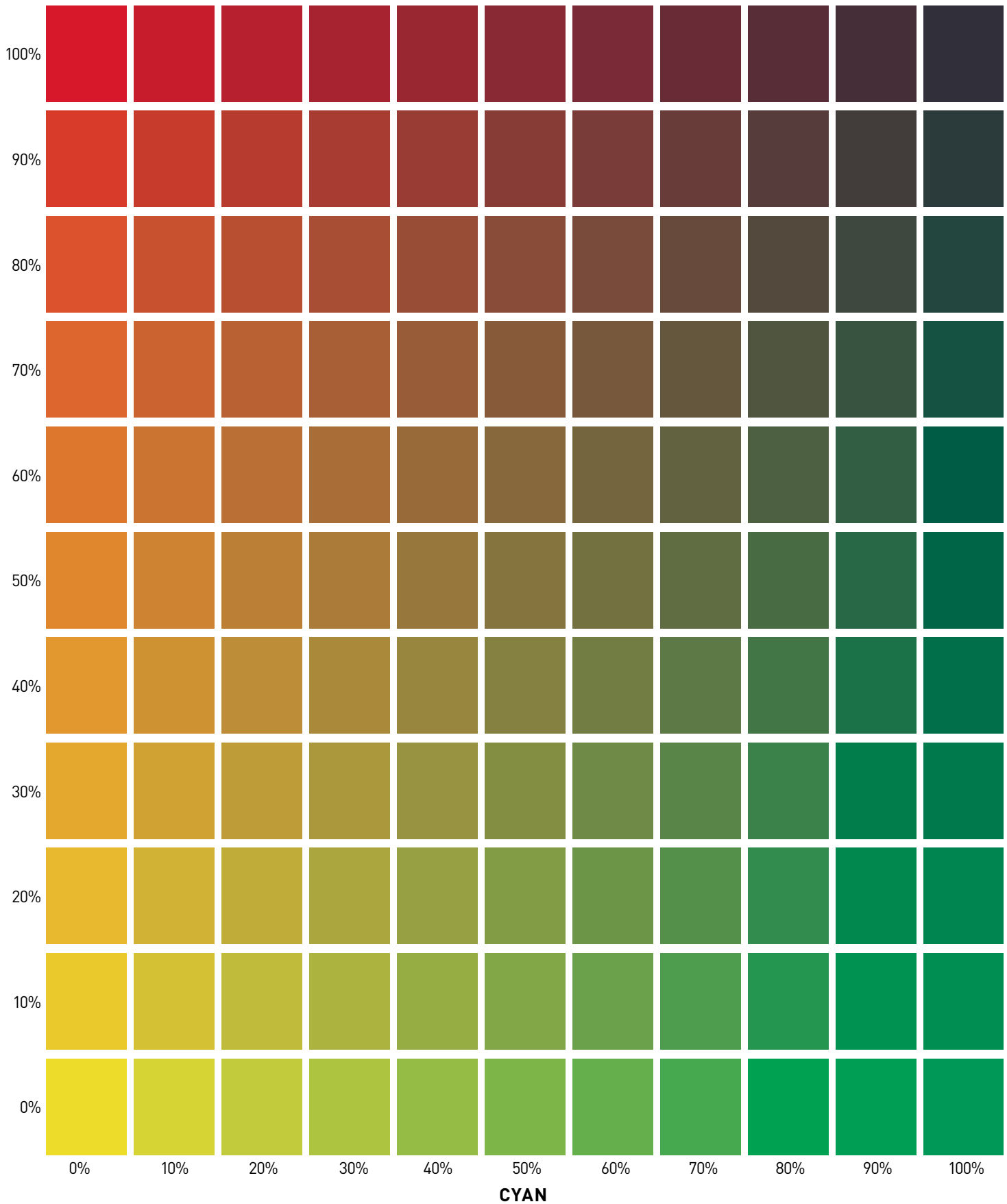
M A G E N T A	100%
	90%
	80%
	70%
	60%
	50%
	40%
	30%
	20%
	10%
	0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

CrossTech
COMMUNICATIONS INC

Yellow = 40% / Black = 40%

MAGENTA

indigo

77

CYAN

CMYK Color Charts

Yellow = 50% / Black = 40%
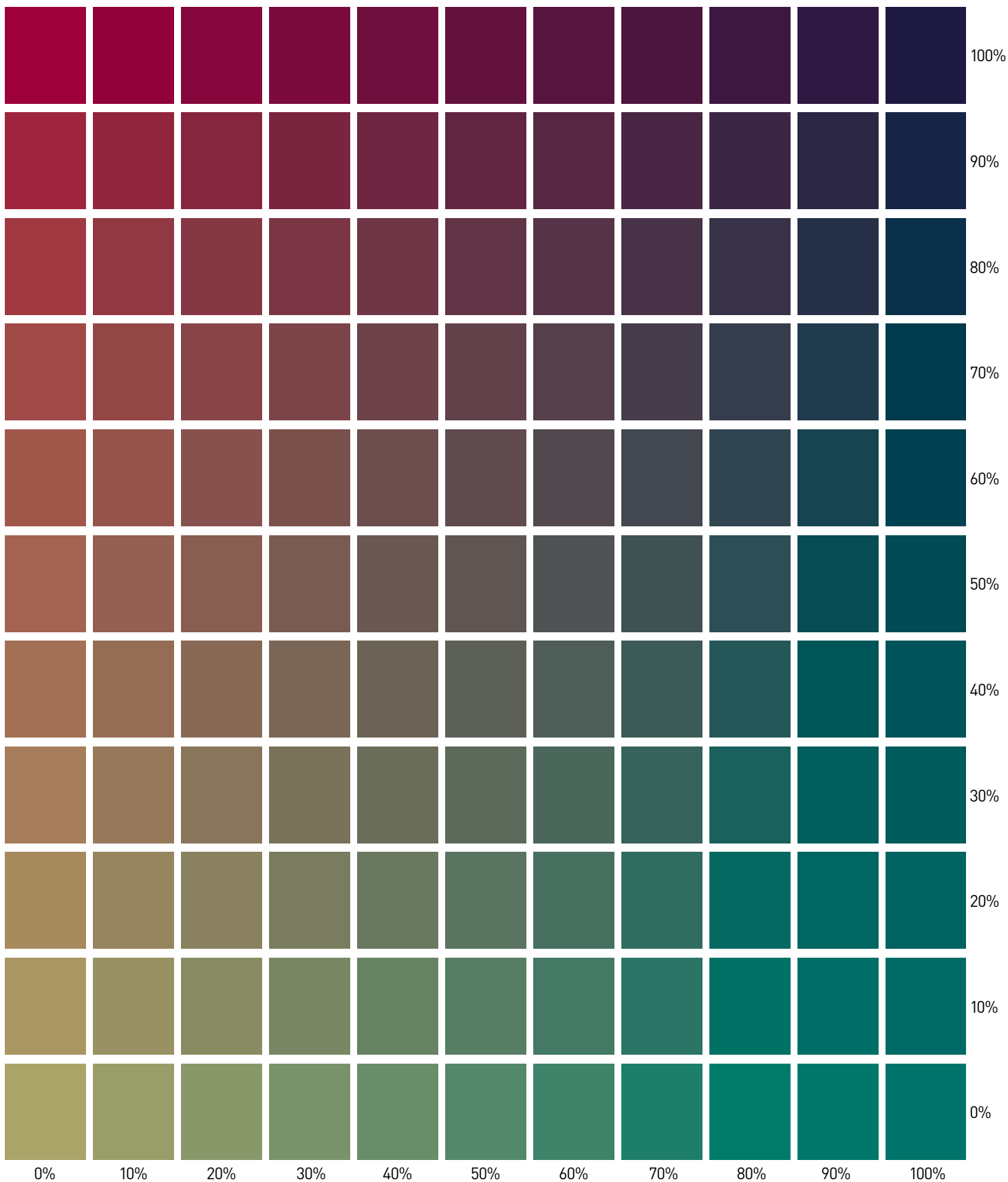
78

M A G E N T A											
											100%
											90%
											80%
											70%
											60%
											50%
											40%
											30%
											20%
											10%
0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	0%

CYAN

CrossTech
COMMUNICATIONS INC

Yellow = 60% / Black = 40%

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%
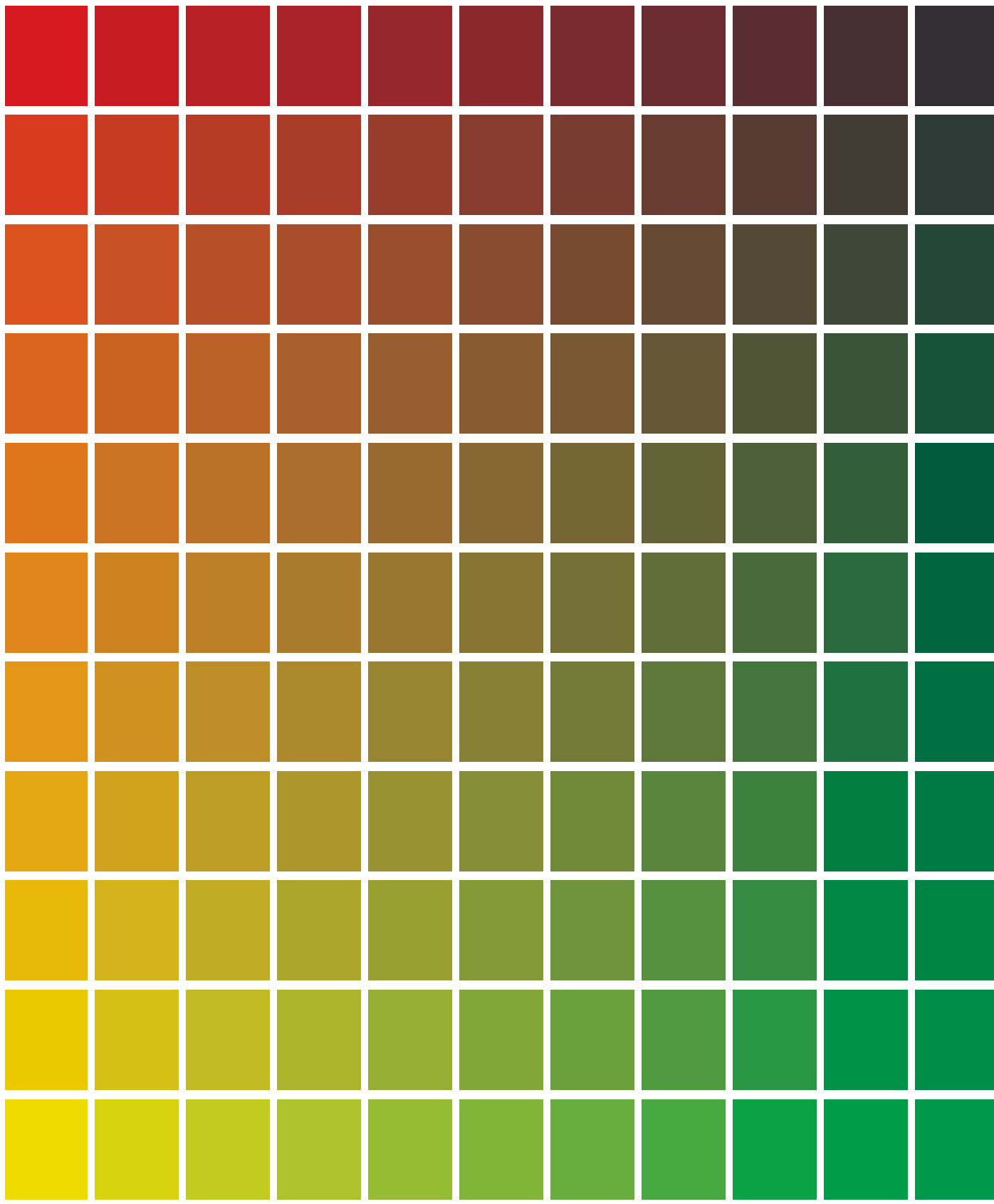
CYAN

M
A
G
E
N
T
A

indigo

79

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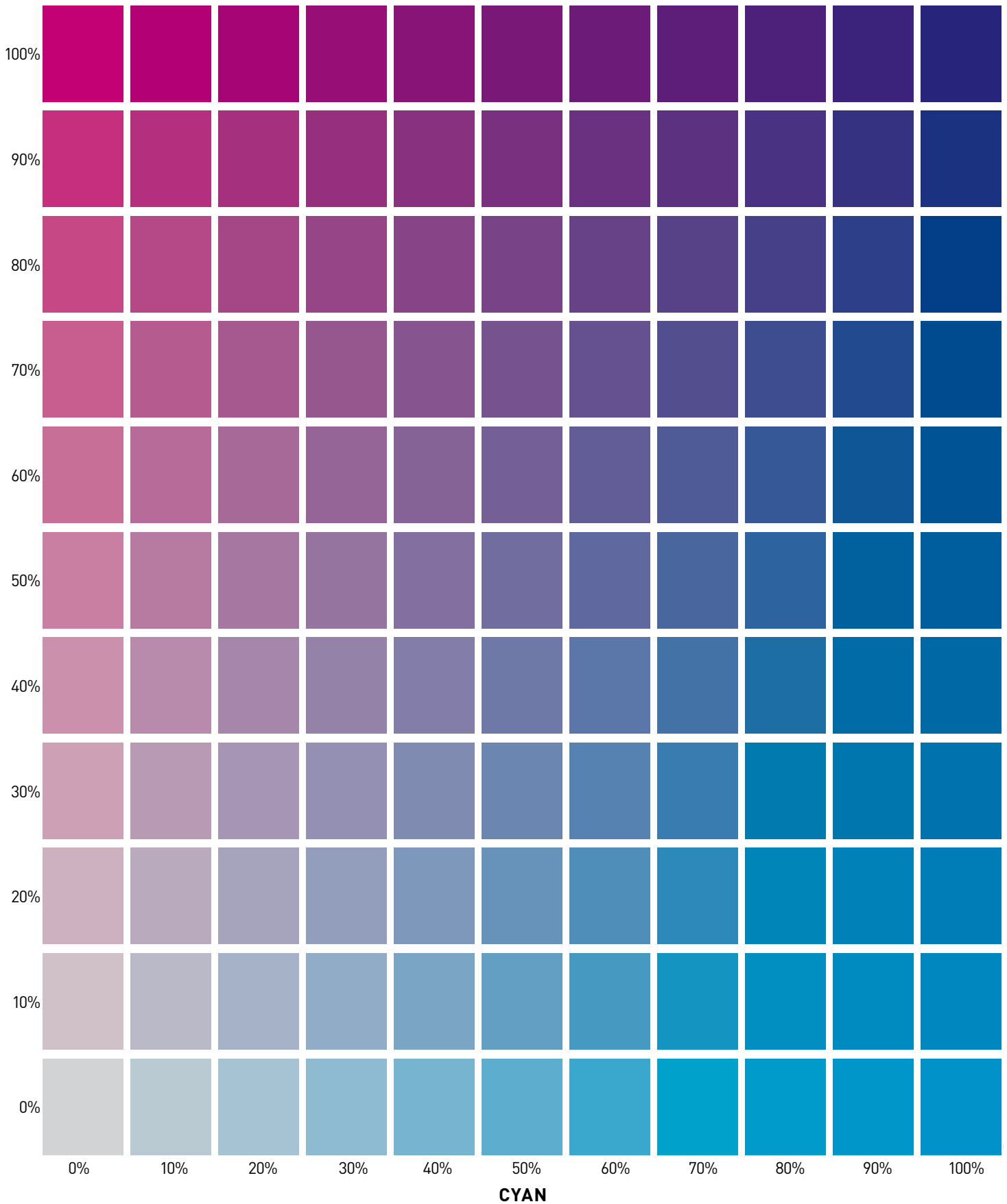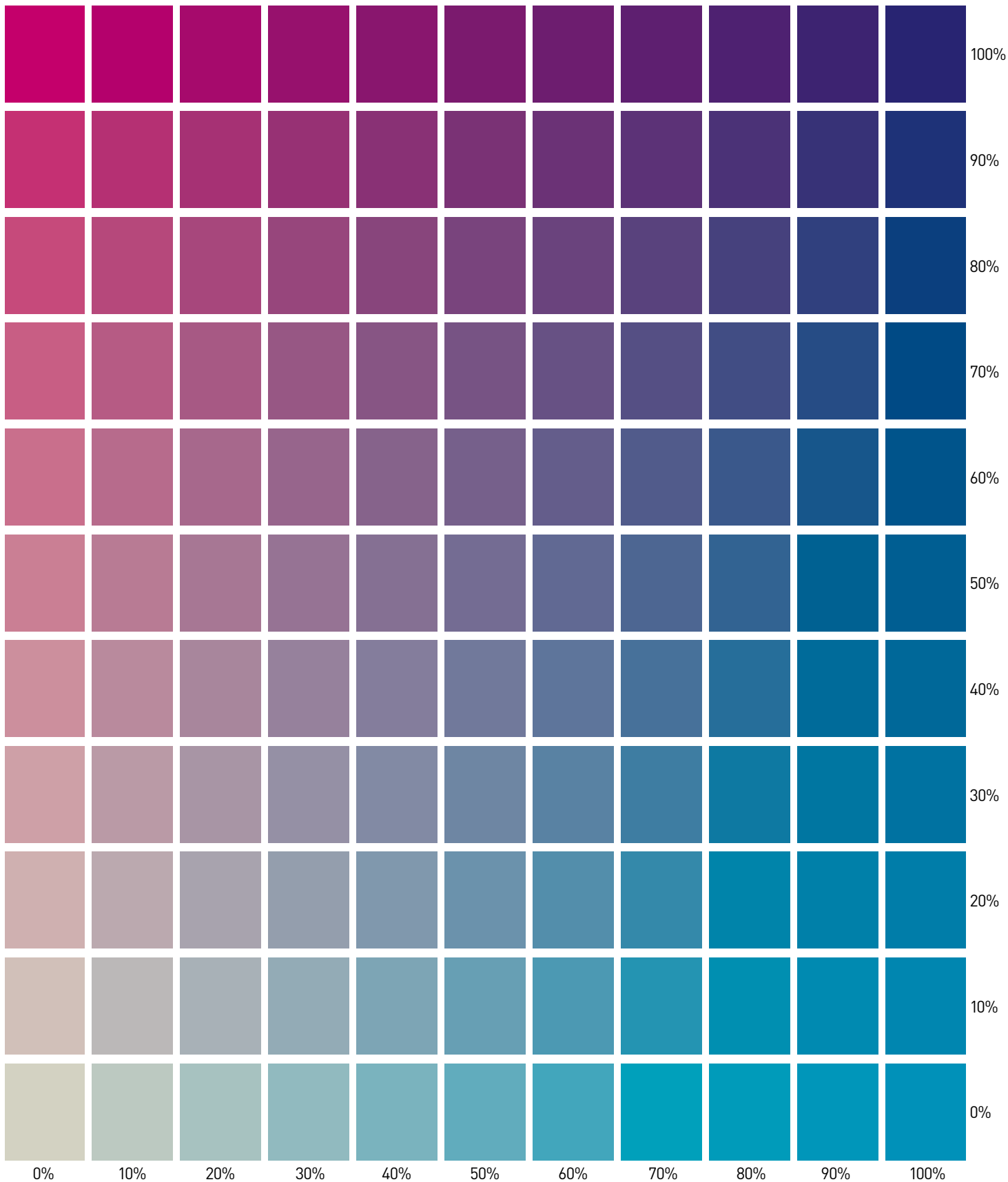# CMYK Color Charts

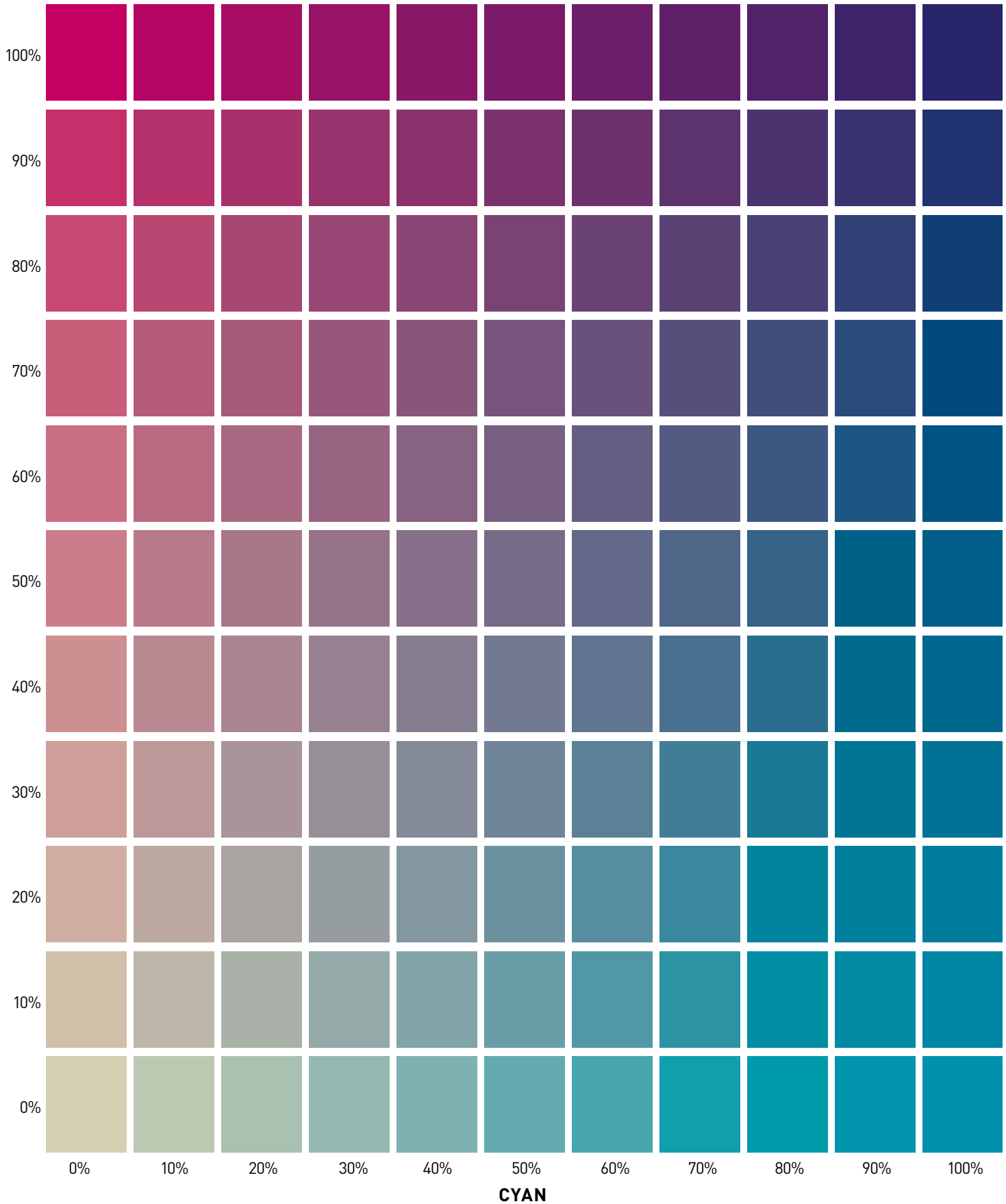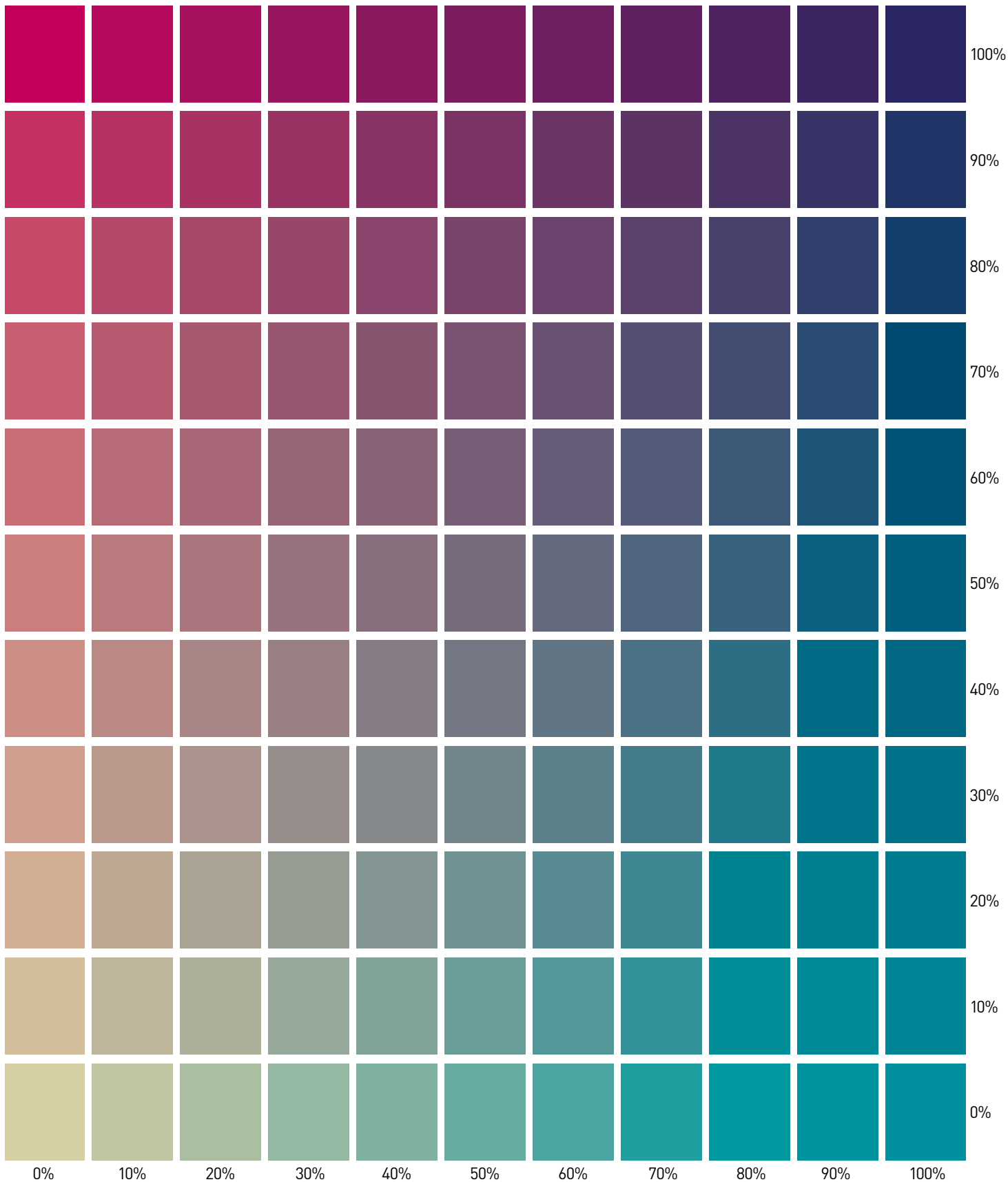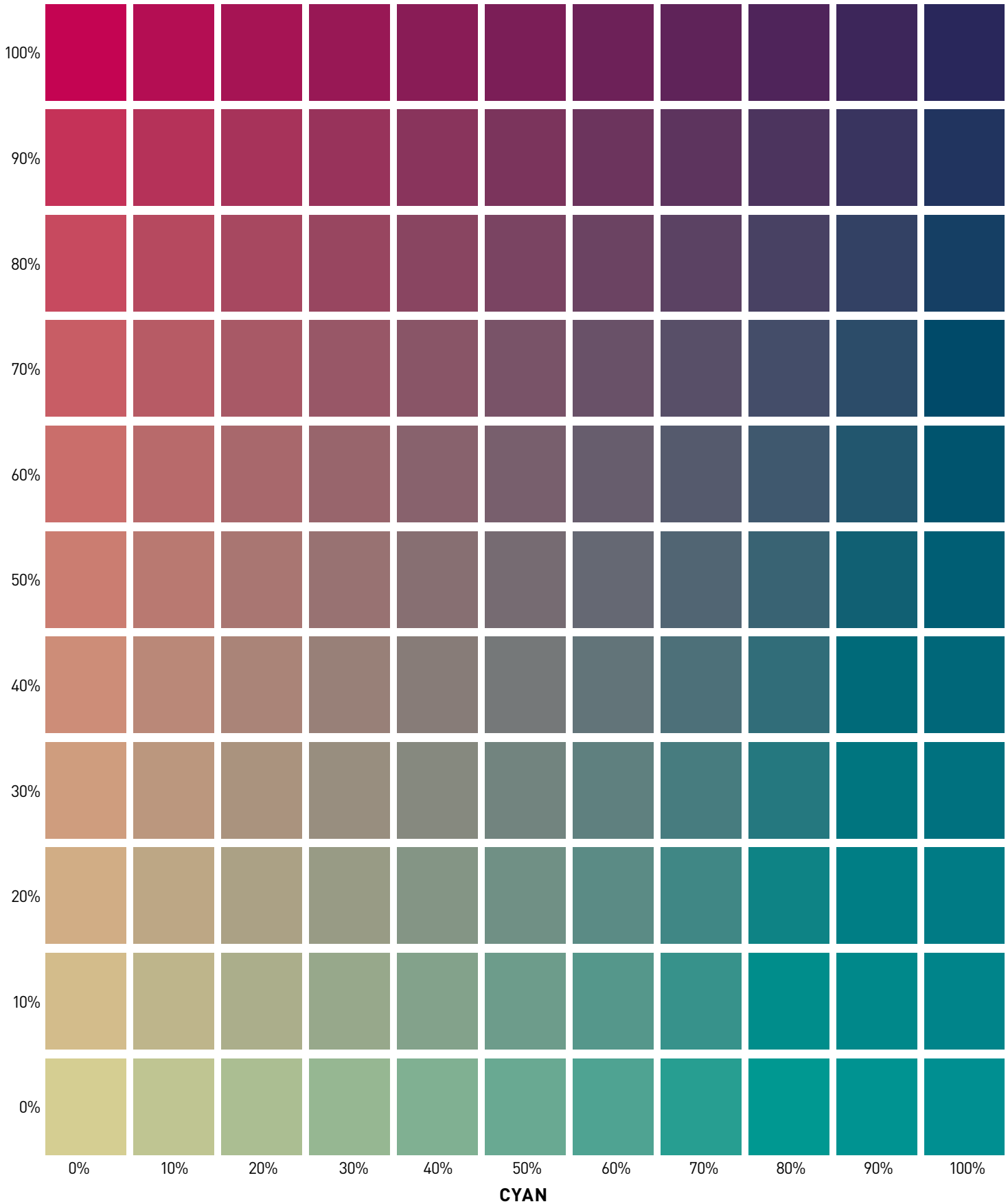Yellow = 70% / Black = 40%

M
A
G
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N
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indigo

80

For additional information please contact us at: 312-382-0111 Fax: 312-382-0004 www.crosstechinc.com
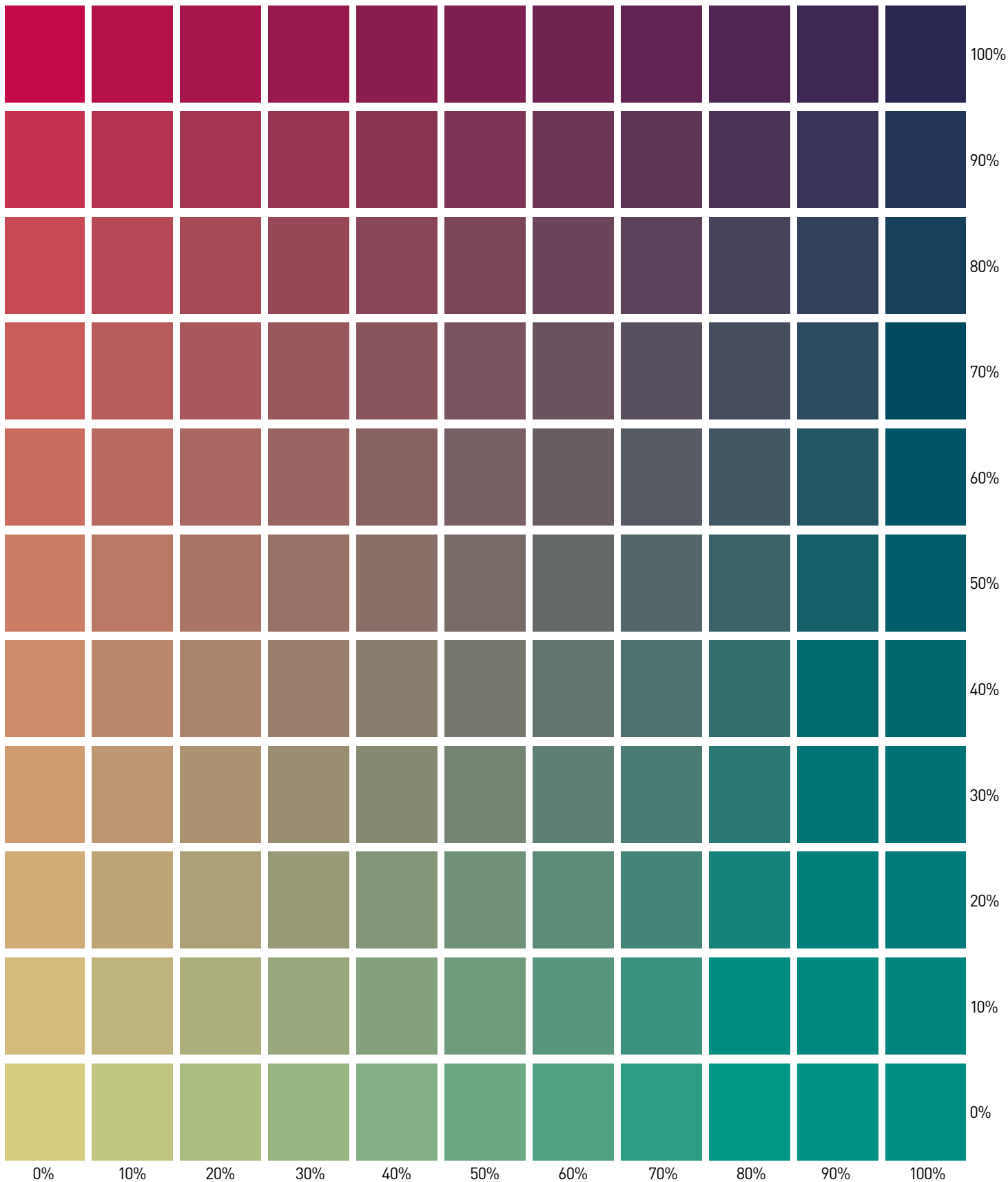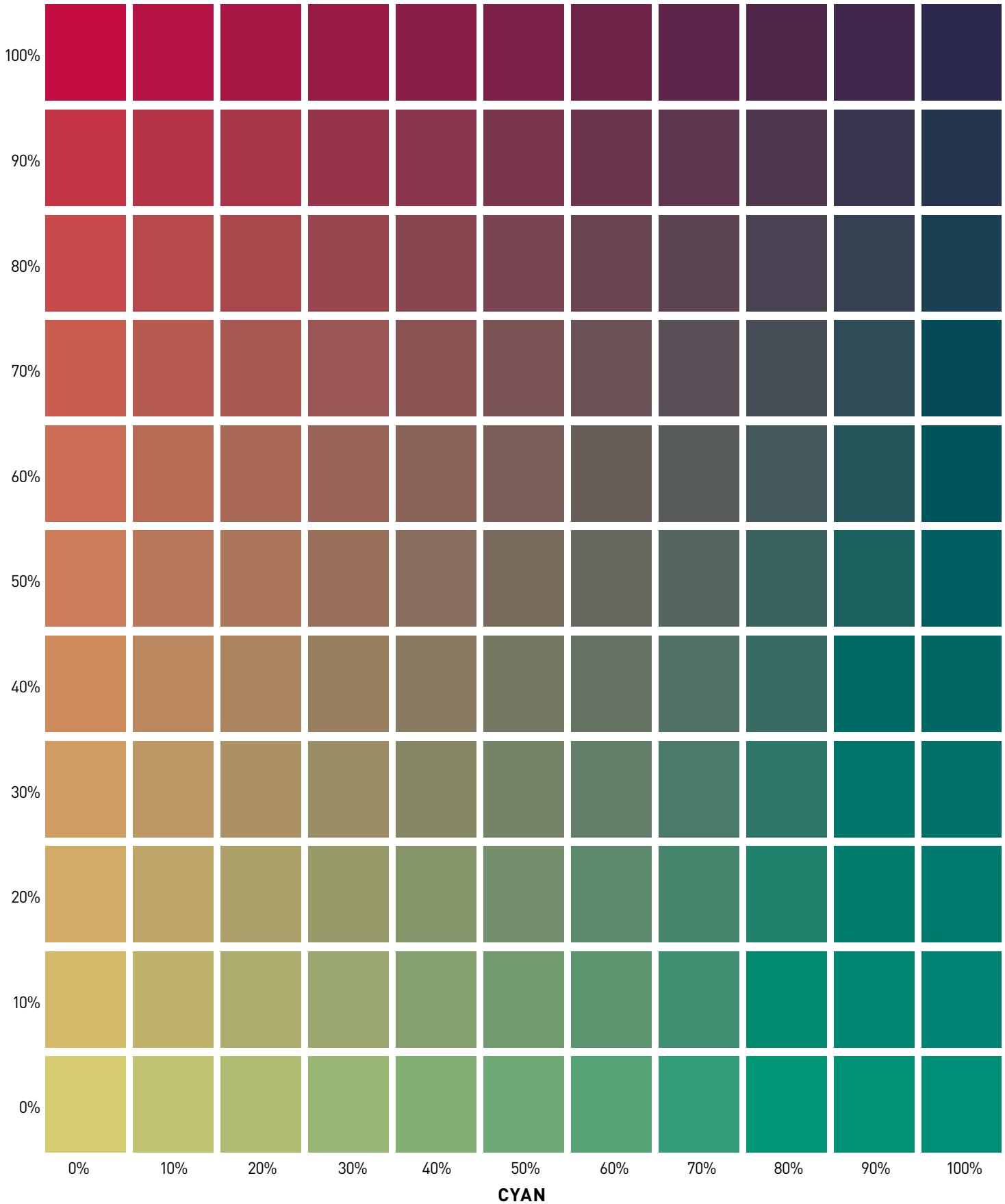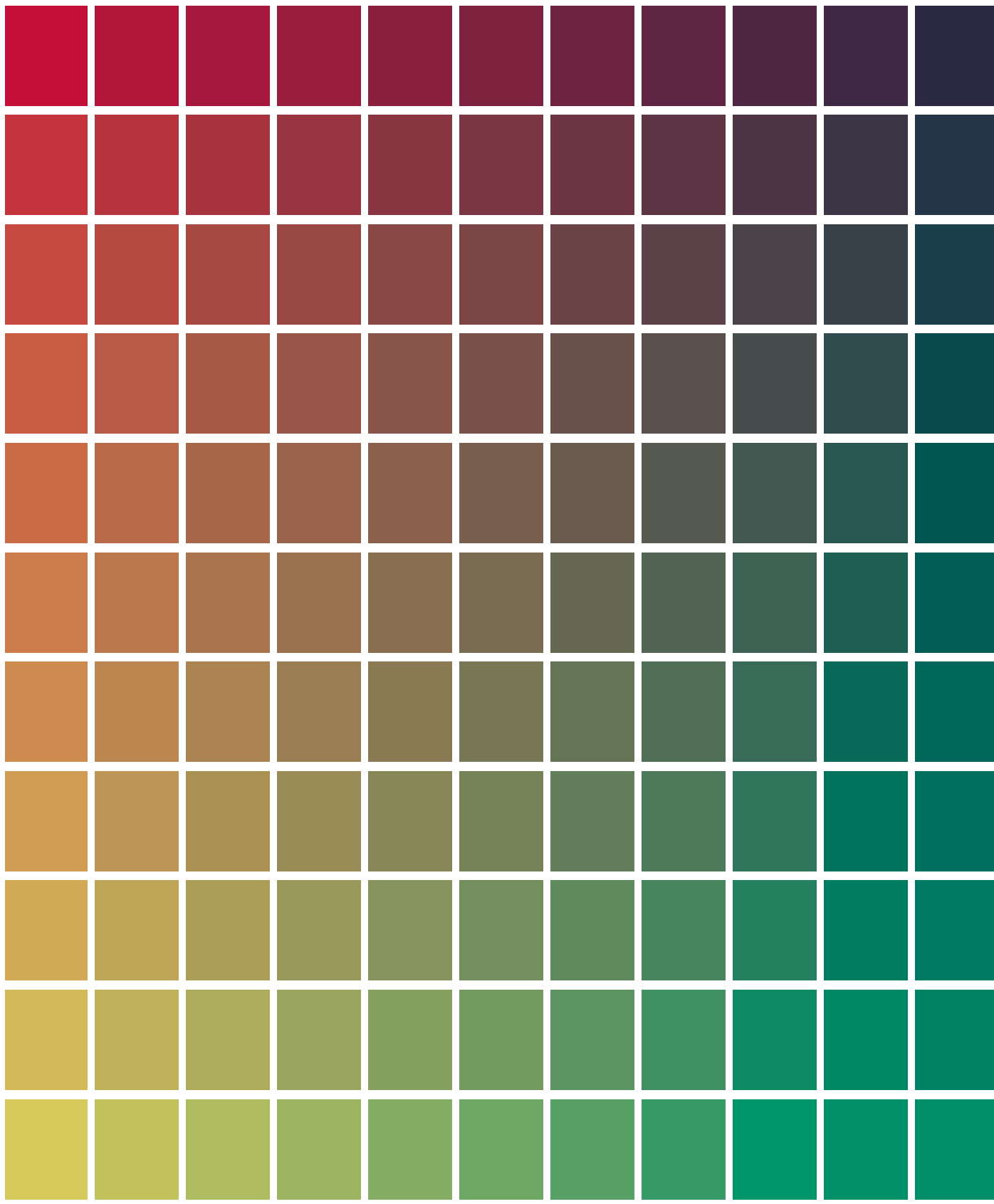

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

Yellow = 80% / Black = 40%

MAGENTA

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

indigo

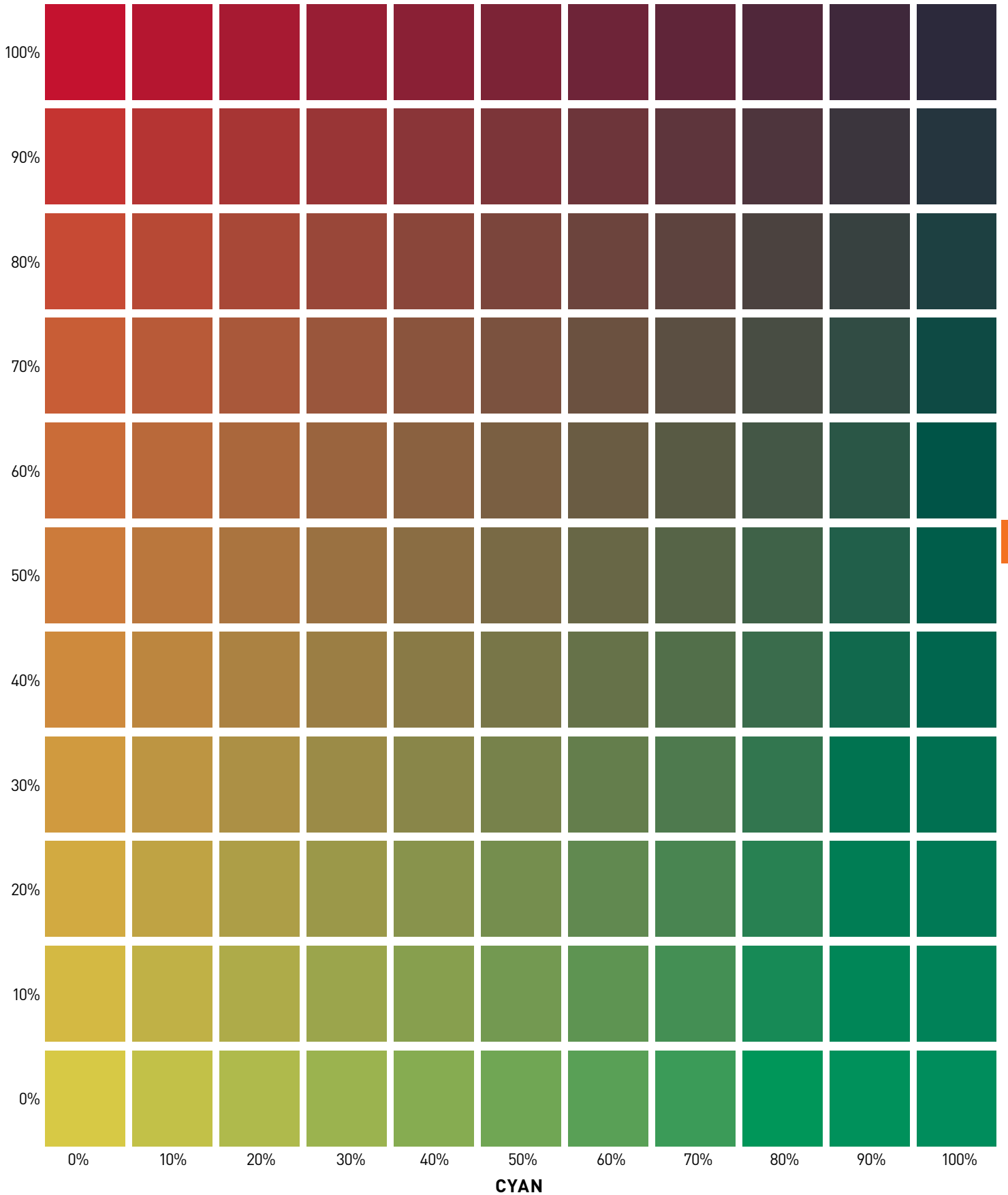81

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CMYK Color Charts

Yellow = 90% / Black = 40%

82

MAGENTA											
											100%
											90%
											80%
											70%
											60%
											50%
											40%
											30%
											20%
											10%
											0%
0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	

CYAN

CrossTech
COMMUNICATIONS INC

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

MAGENTA

indigo

83

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%
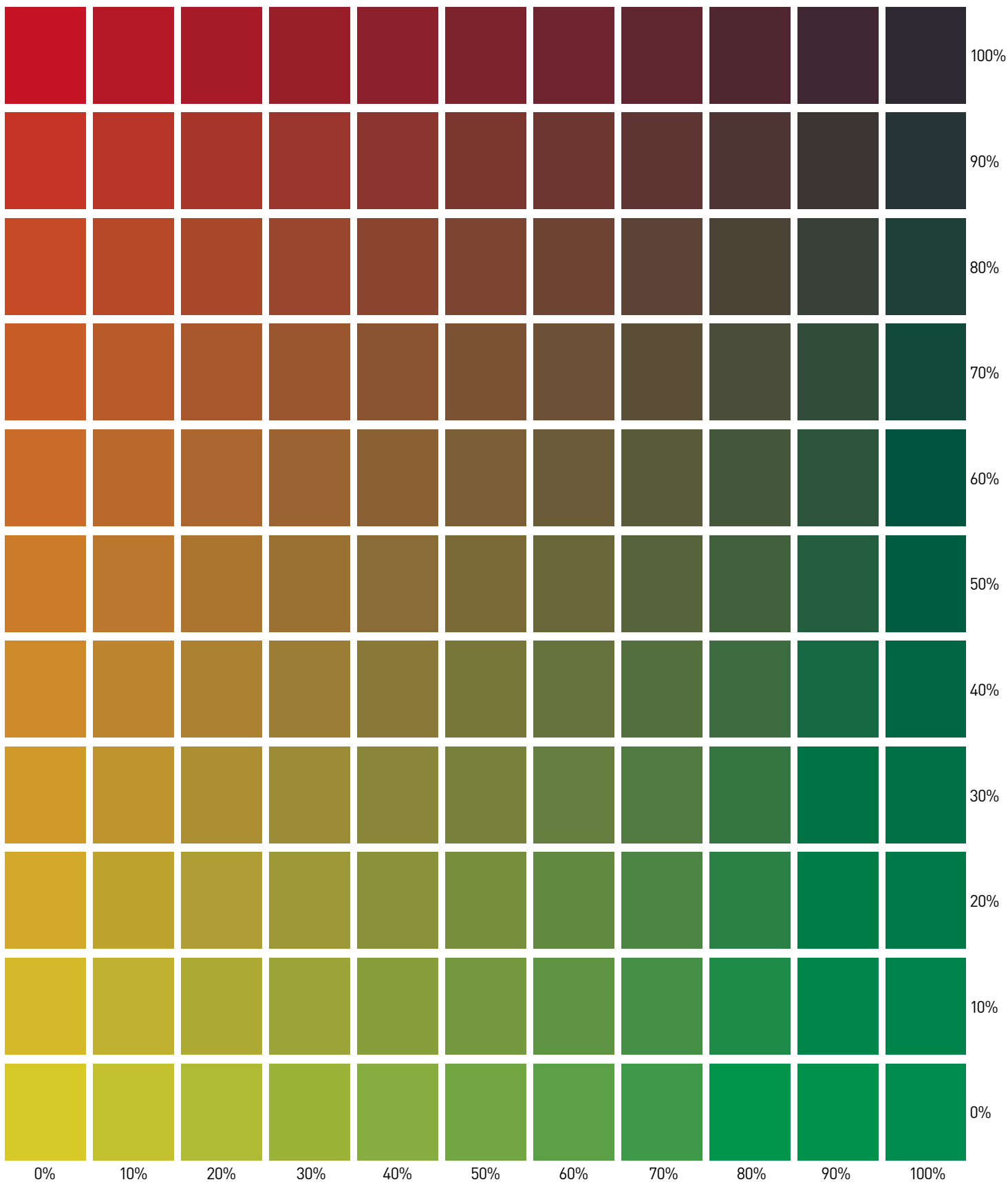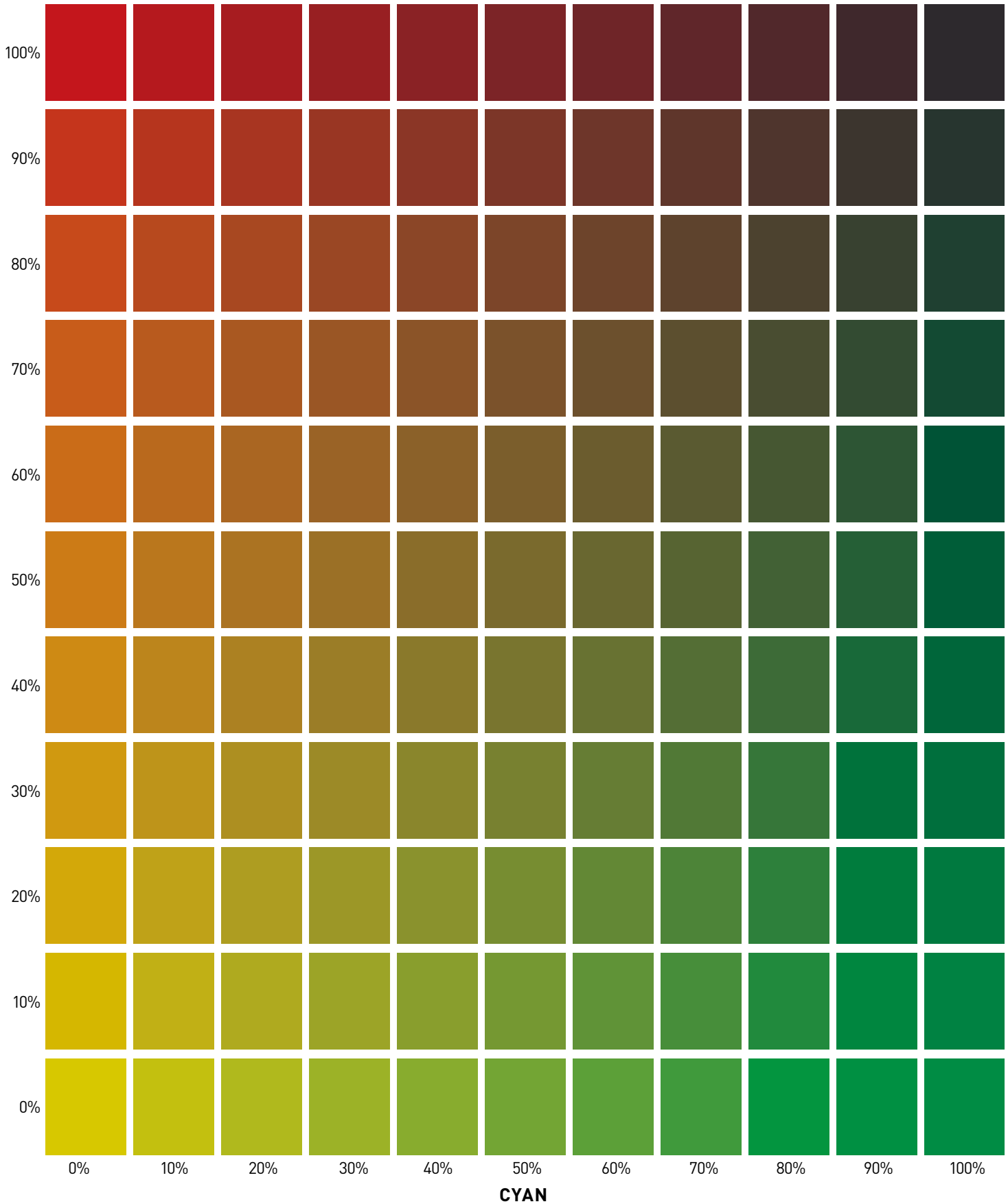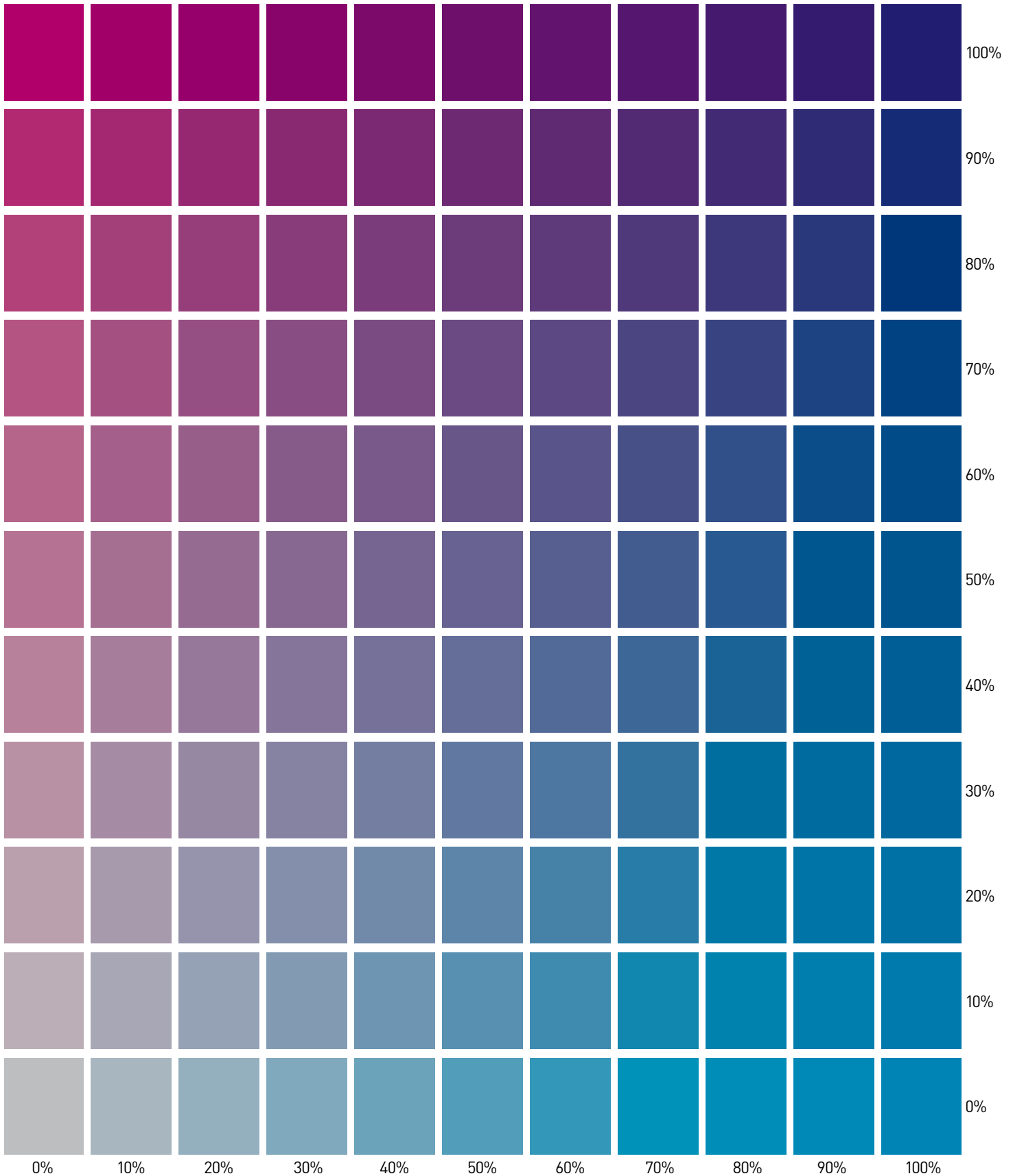
CYAN

CMYK Color Charts

Yellow = 0% / Black = 50%

M A G E N T A

indigo

84

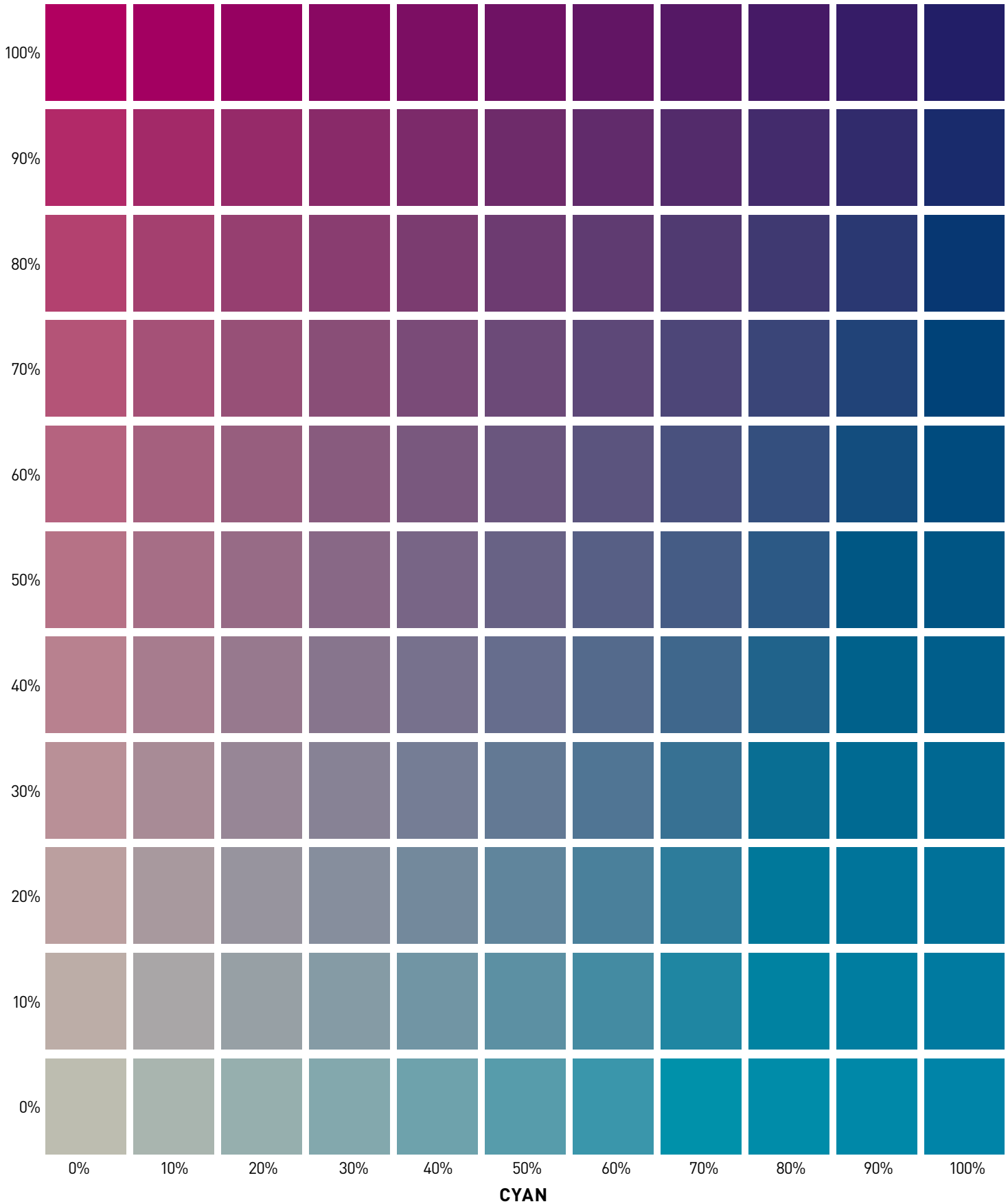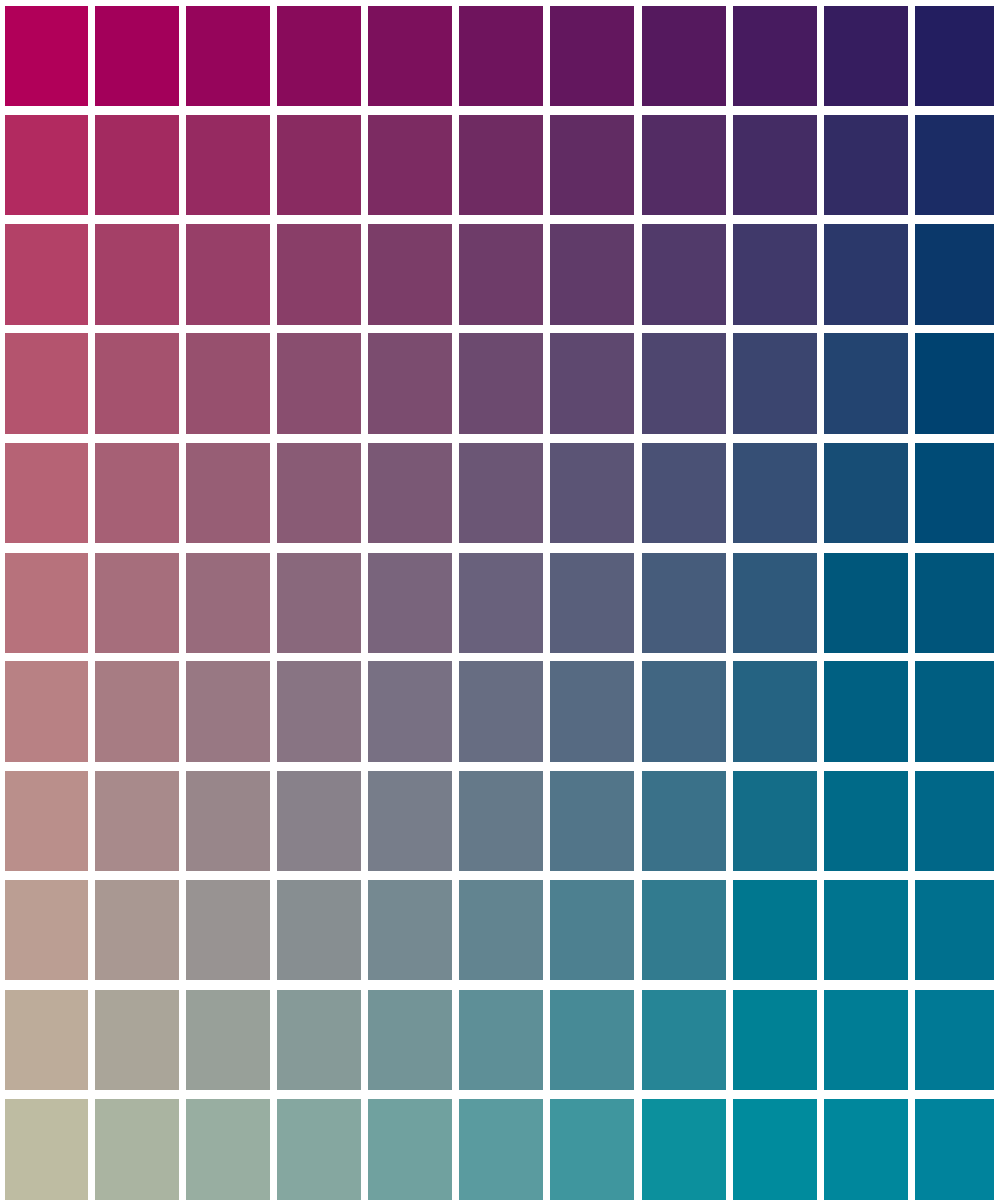For additional information please contact us at: 312-382-0111 Fax: 312-382-0004 www.crosstechinc.com

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

CrossTech
COMMUNICATIONS INC

Yellow = 10% / Black = 50%

| | 0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% |

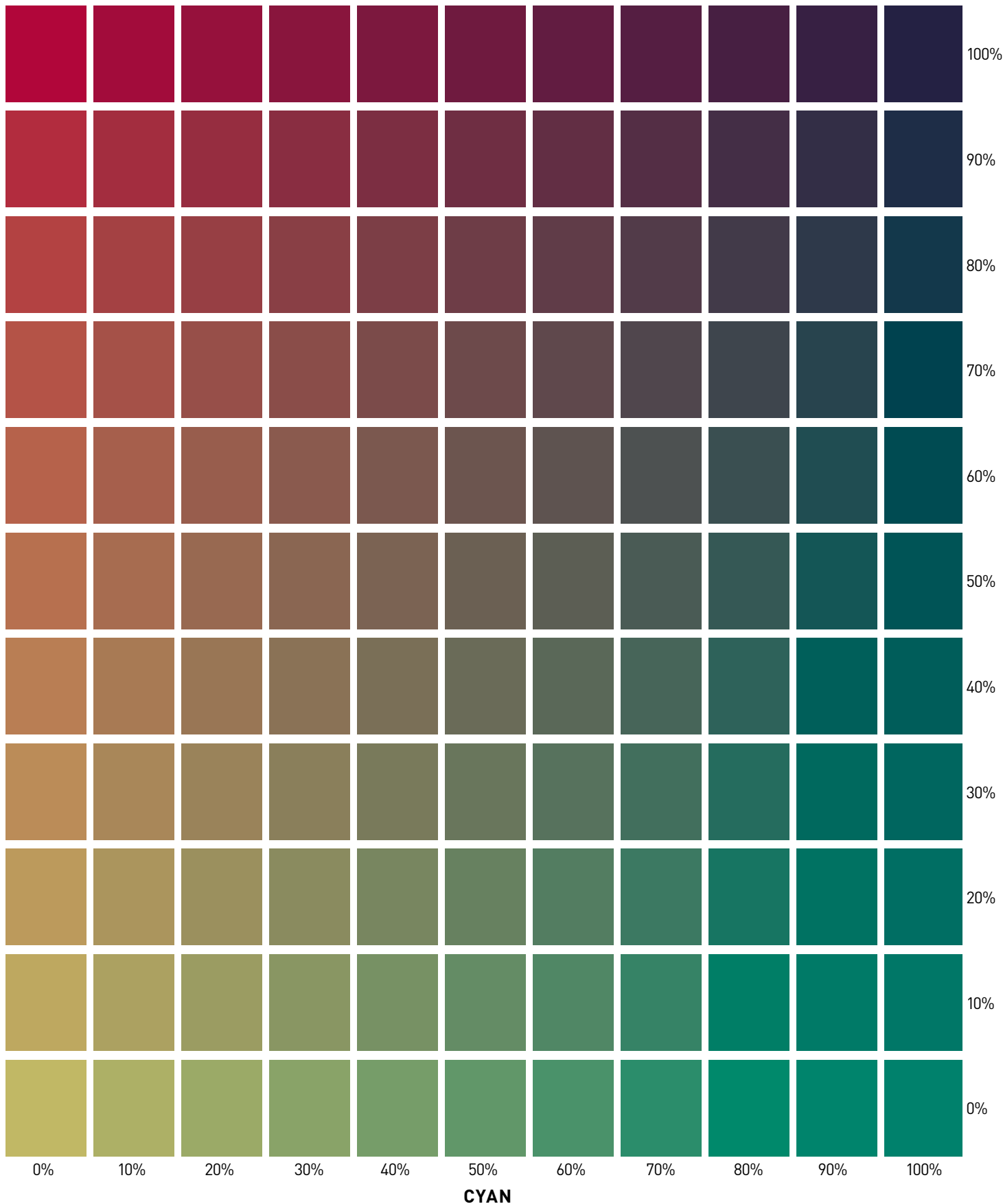**M A G E N T A** (vertical, right side)

indigo

85
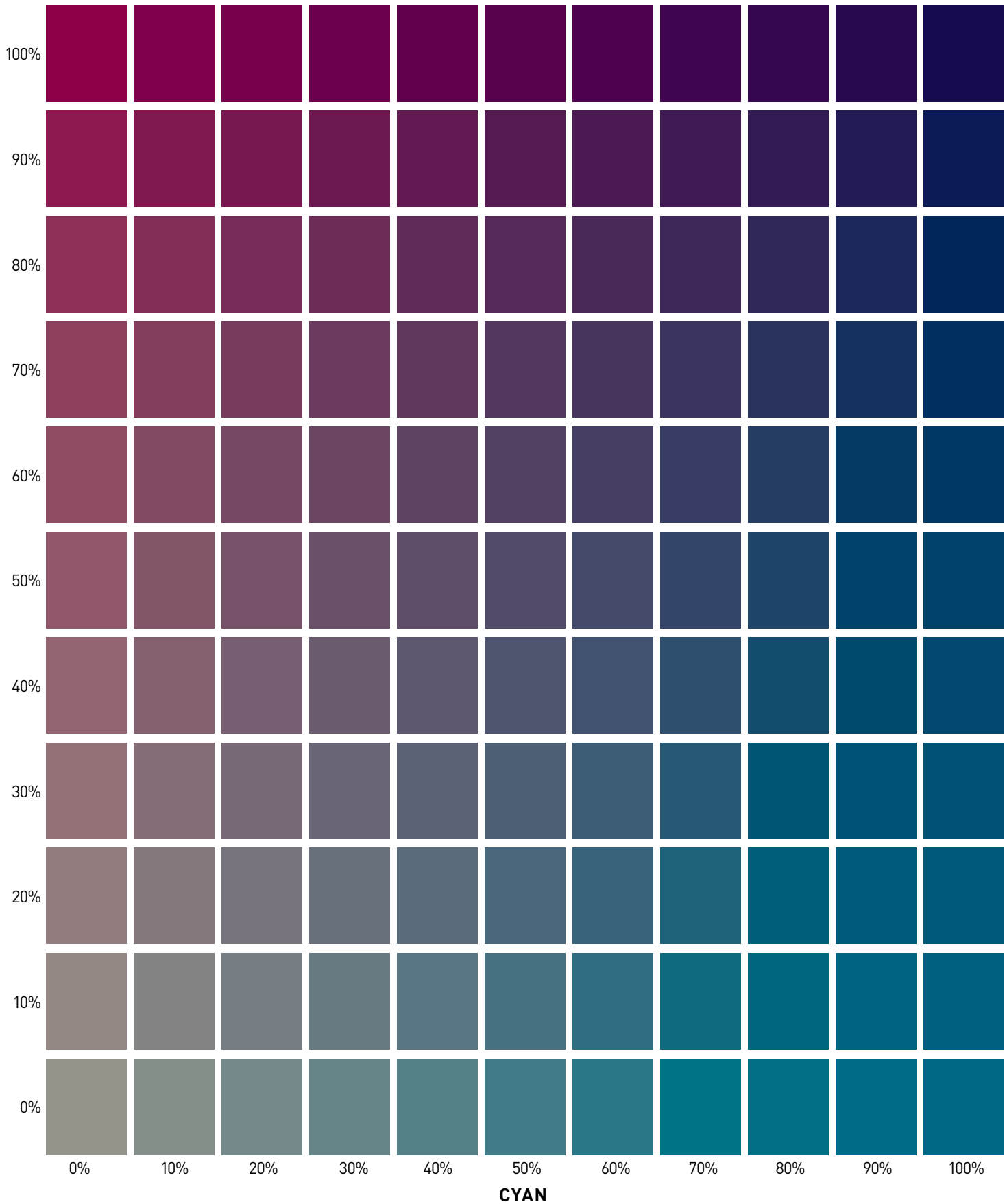
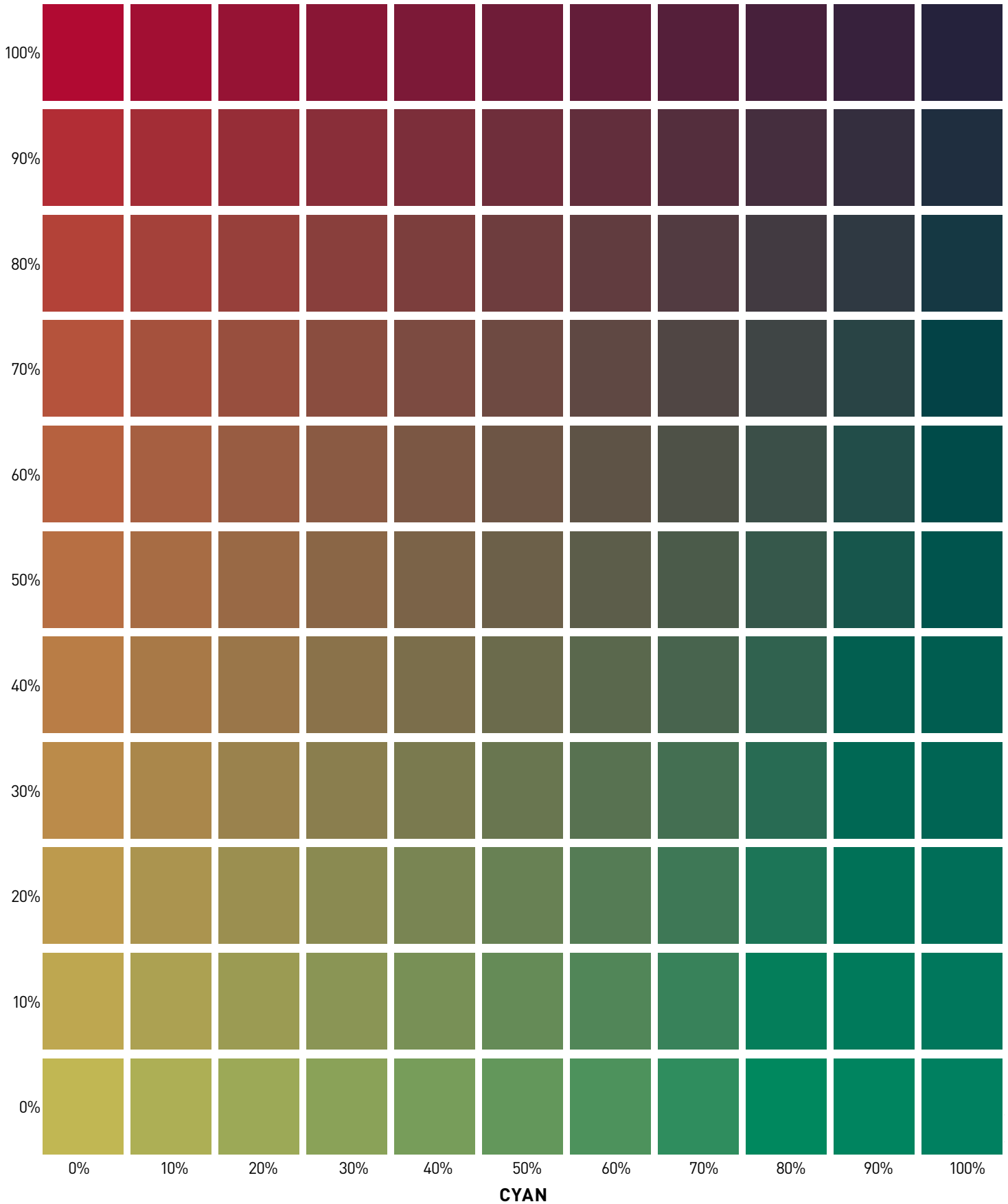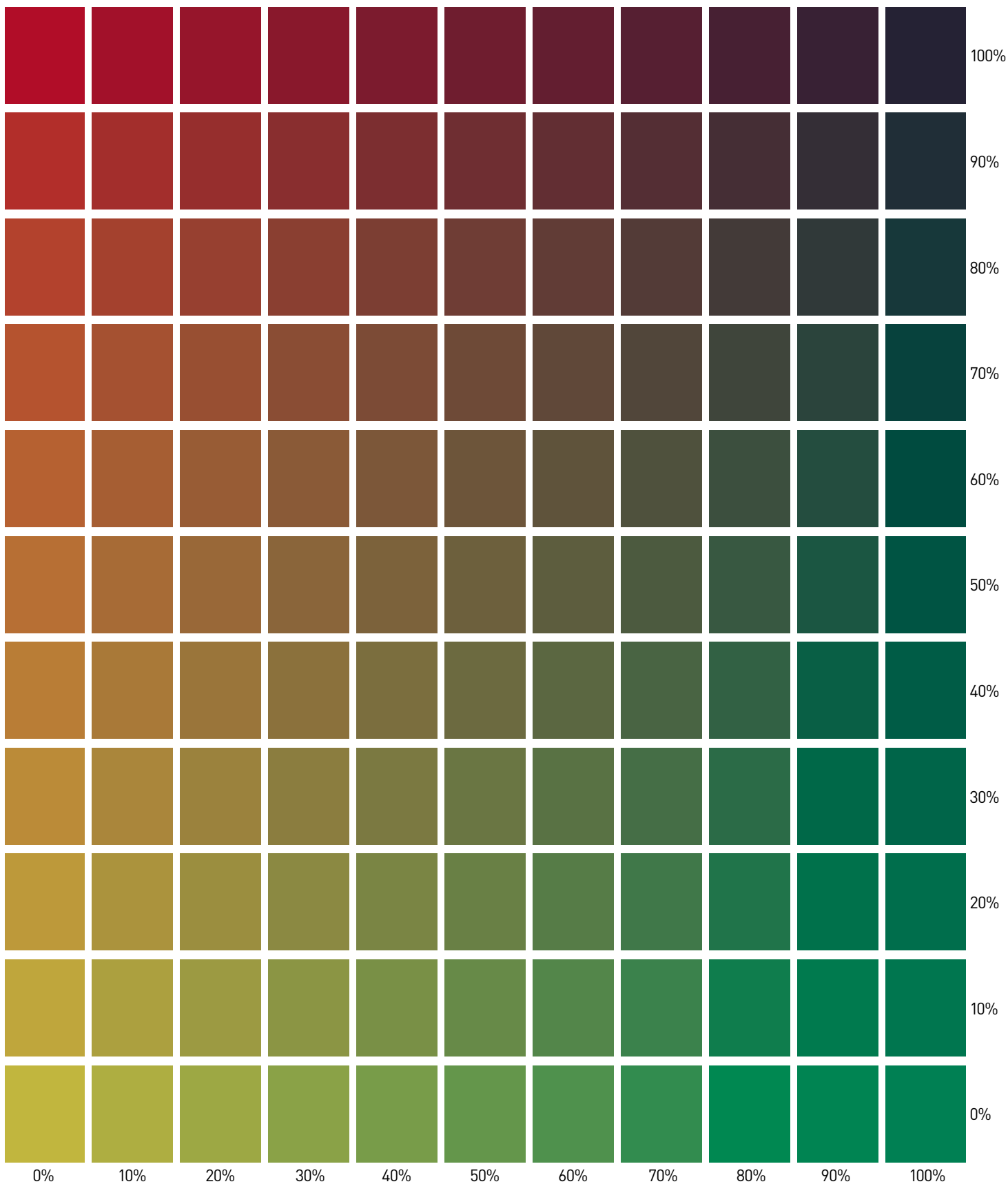CYAN

CMYK Color Charts

Yellow = 20% / Black = 50%

M
A
G
E
N
T
A

indigo

86

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											100%
											90%
											80%
											70%
											60%
											50%
											40%
											30%
											20%
											10%
											0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

CrossTech
COMMUNICATIONS INC

Yellow = 30% / Black = 50%

MAGENTA

indigo

87

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

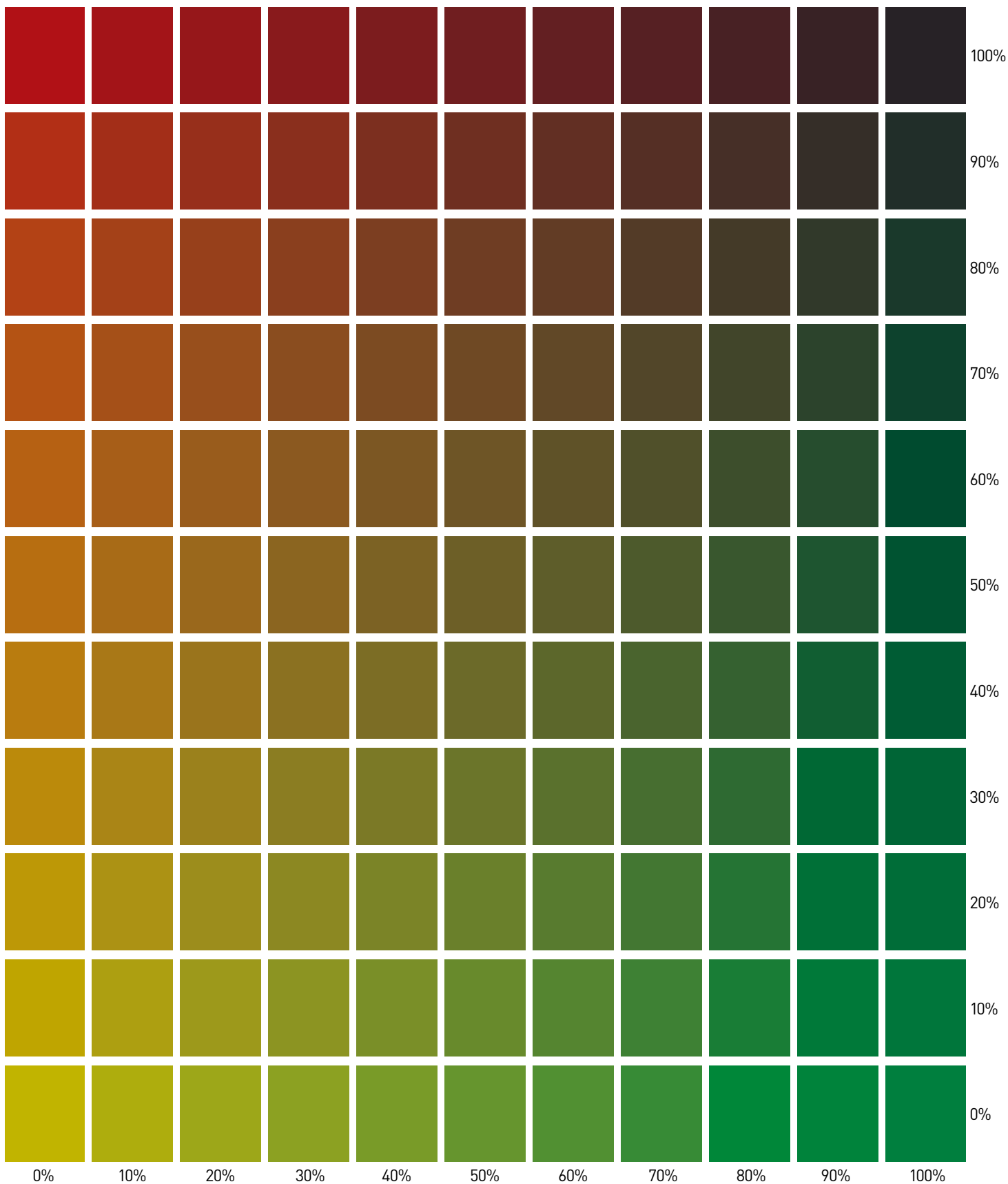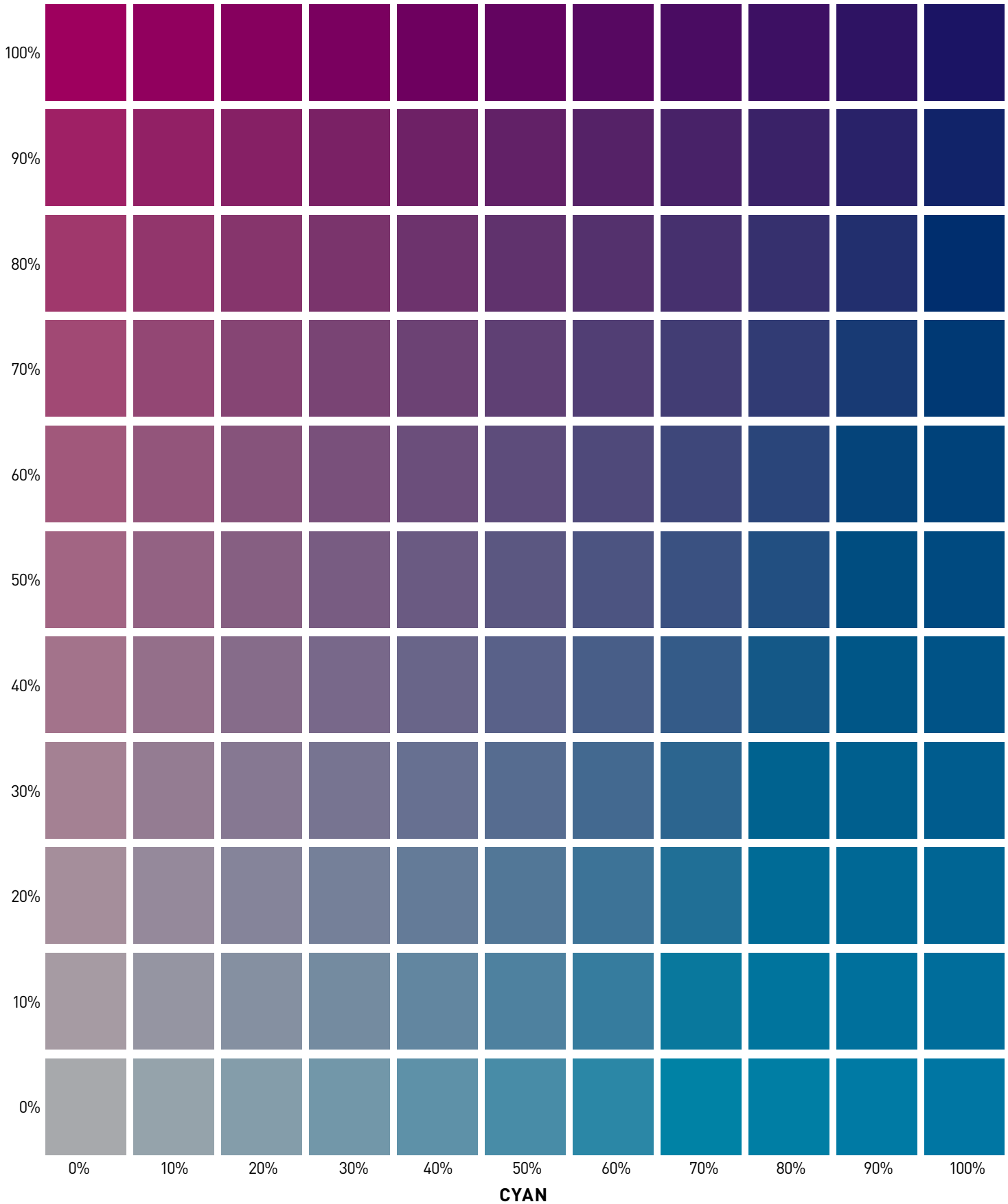0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%
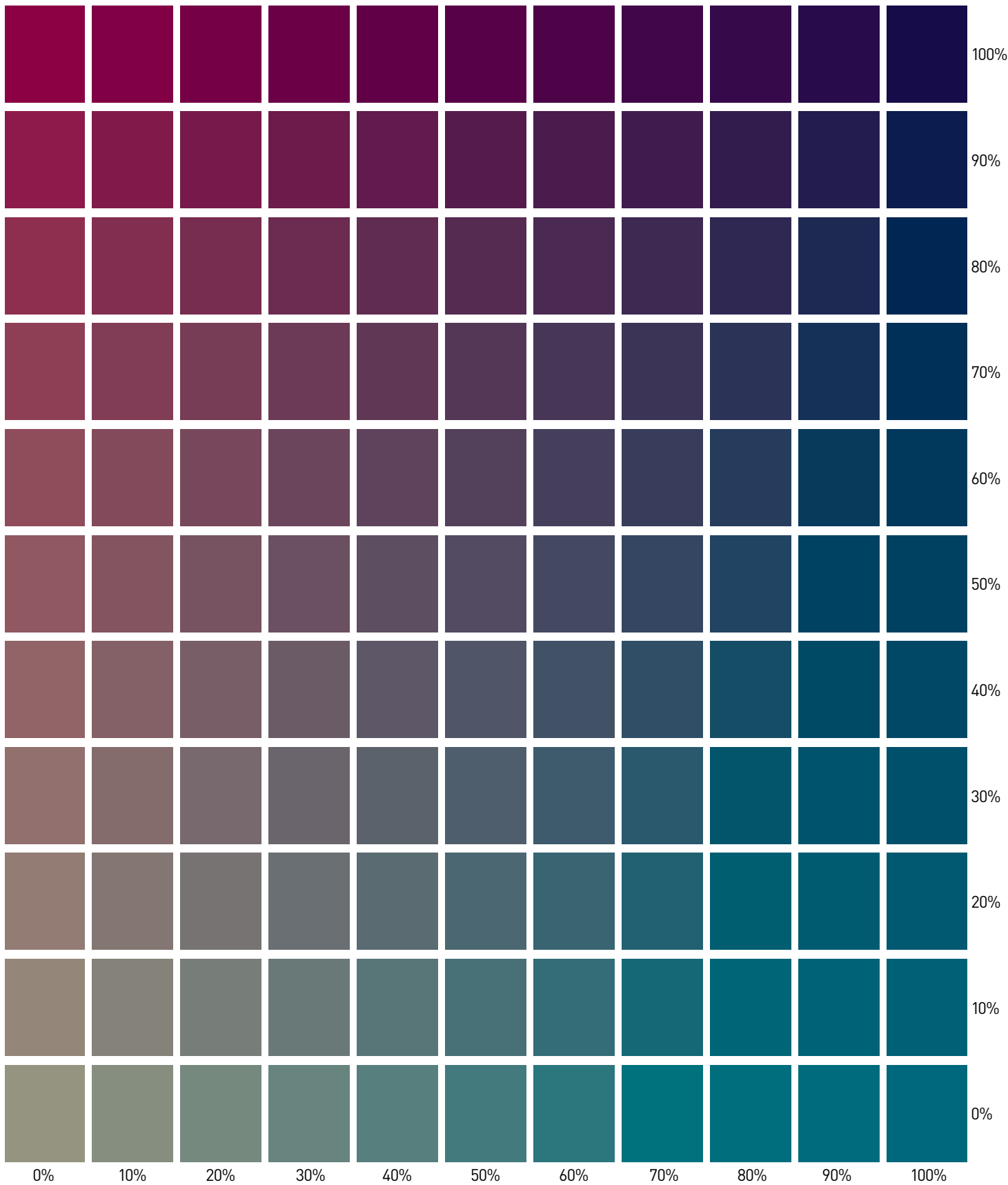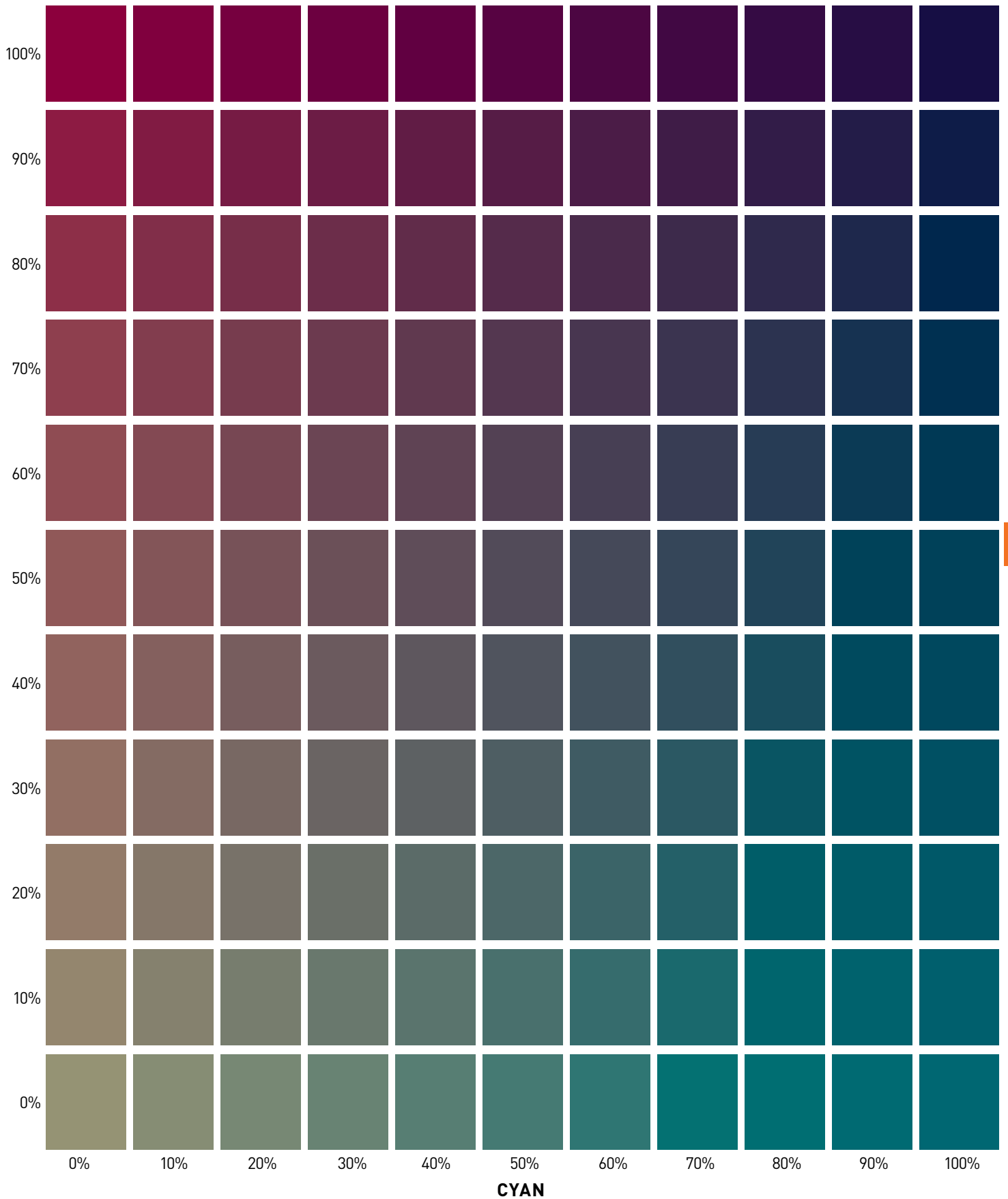
CYAN

CMYK Color Charts

Yellow = 40% / Black = 50%

MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
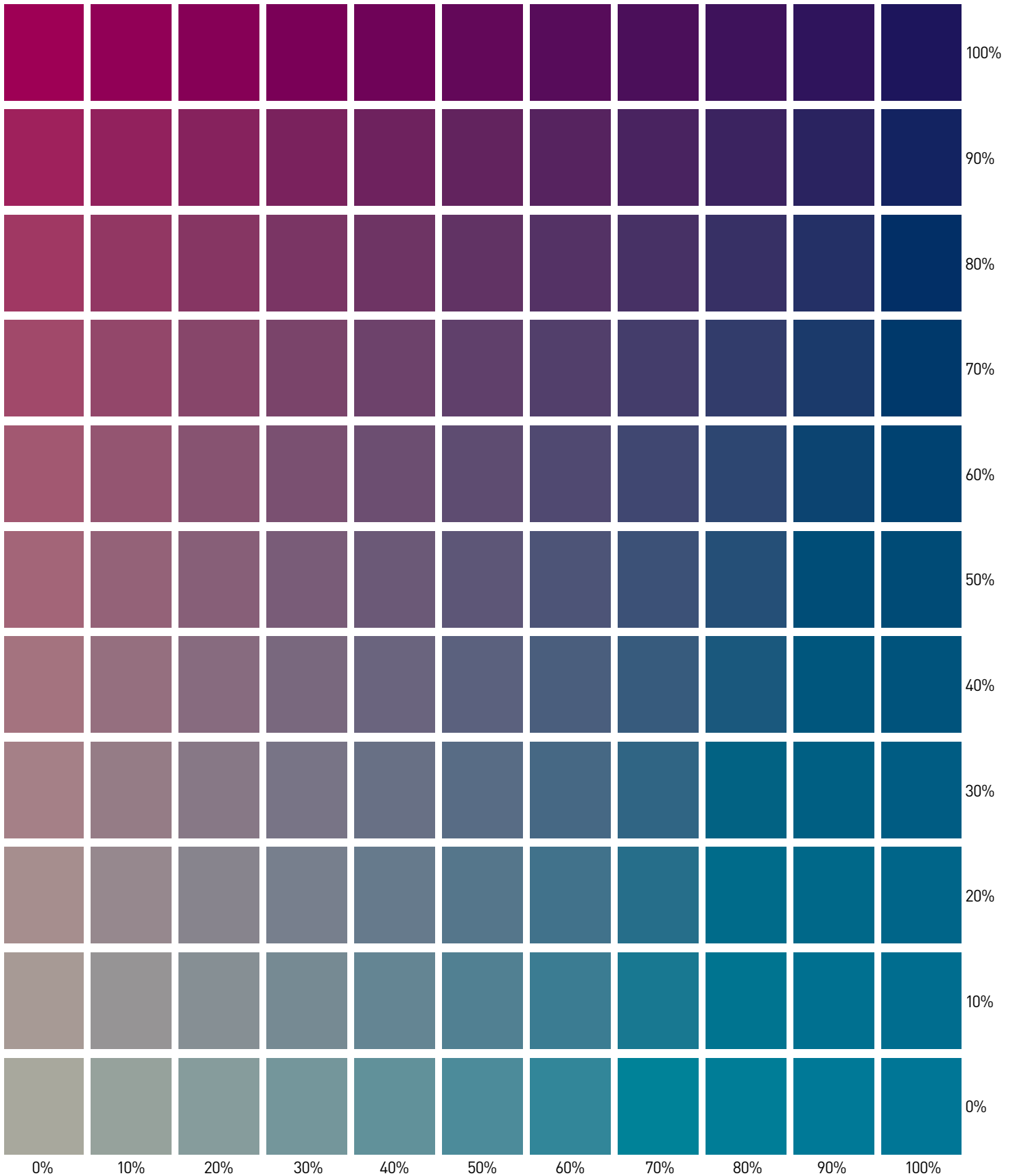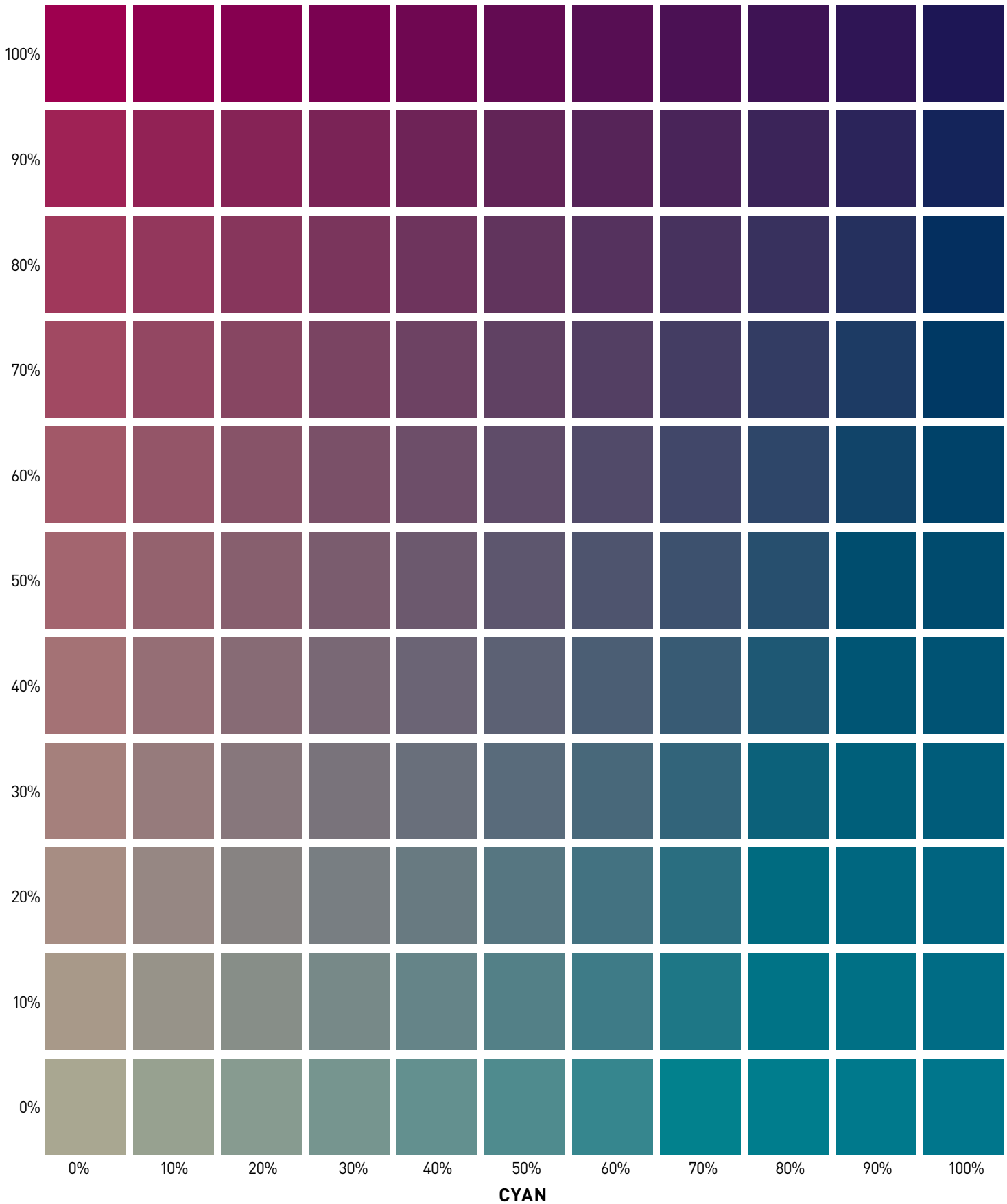20%
10%
0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

Yellow = 50% / Black = 50%

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%

CYAN

M
A
G
E
N
T
A

indigo

89

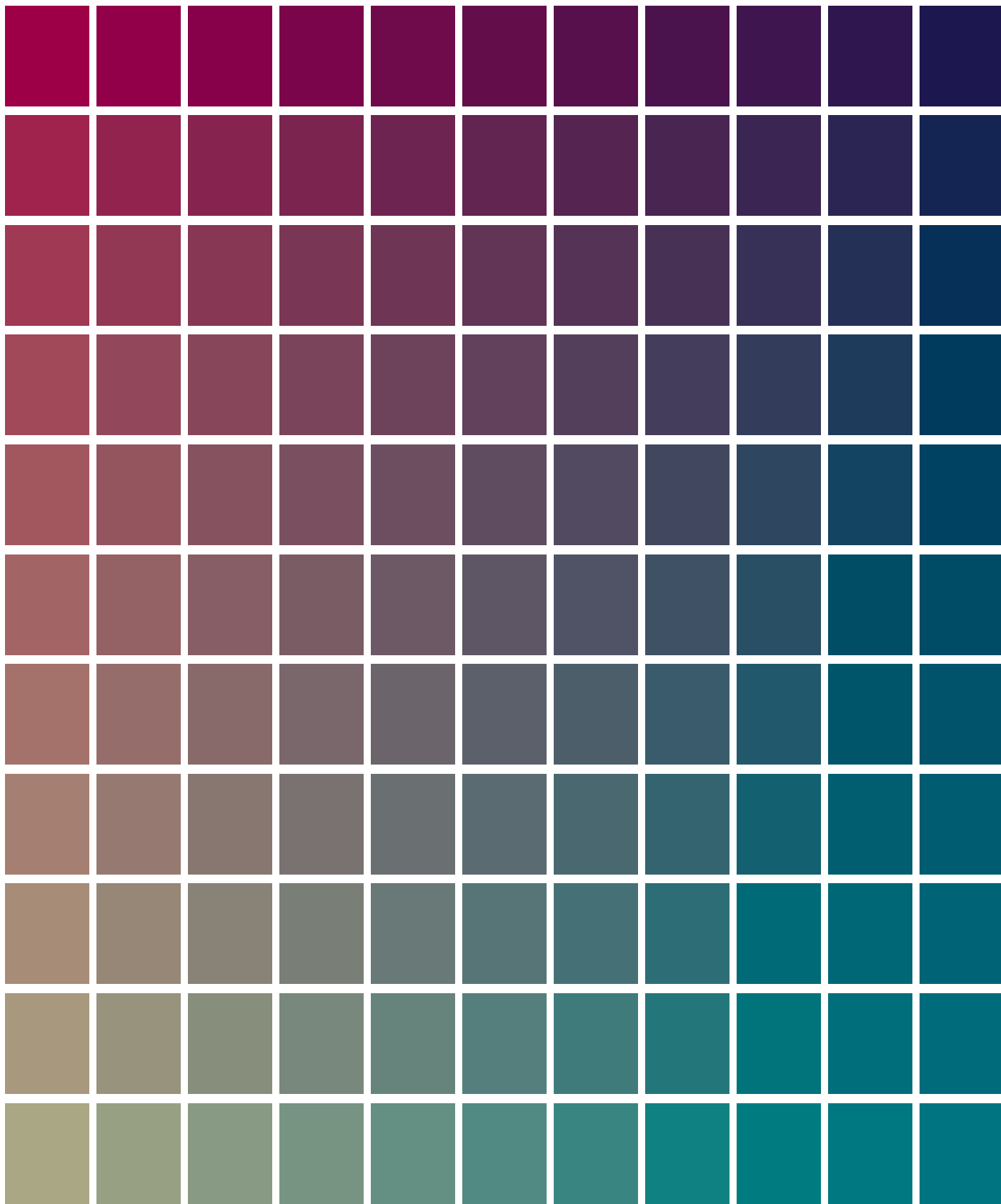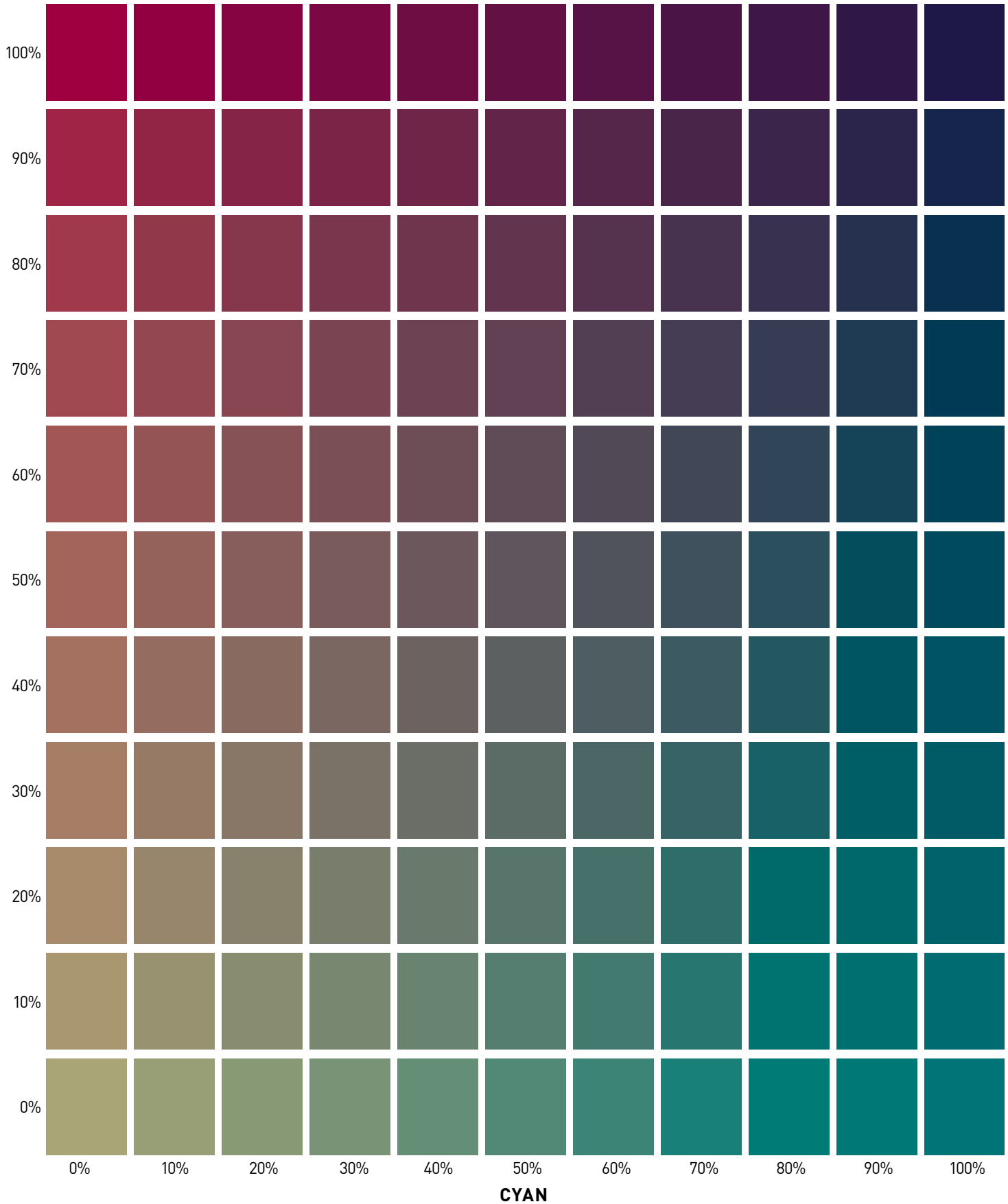For additional information please contact us at: 312-382-0111 Fax: 312-382-0004 www.crosstechinc.com
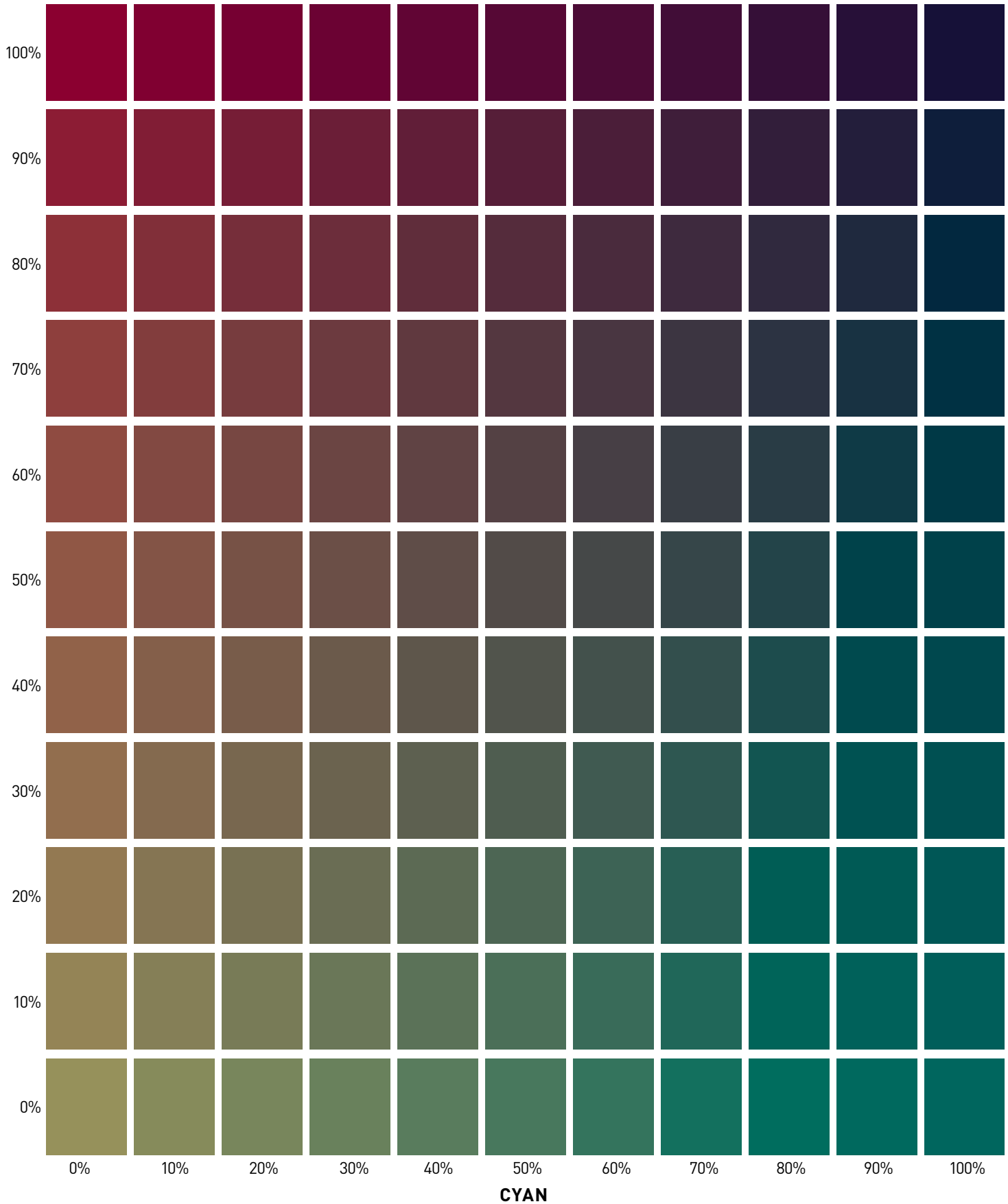
CMYK Color Charts
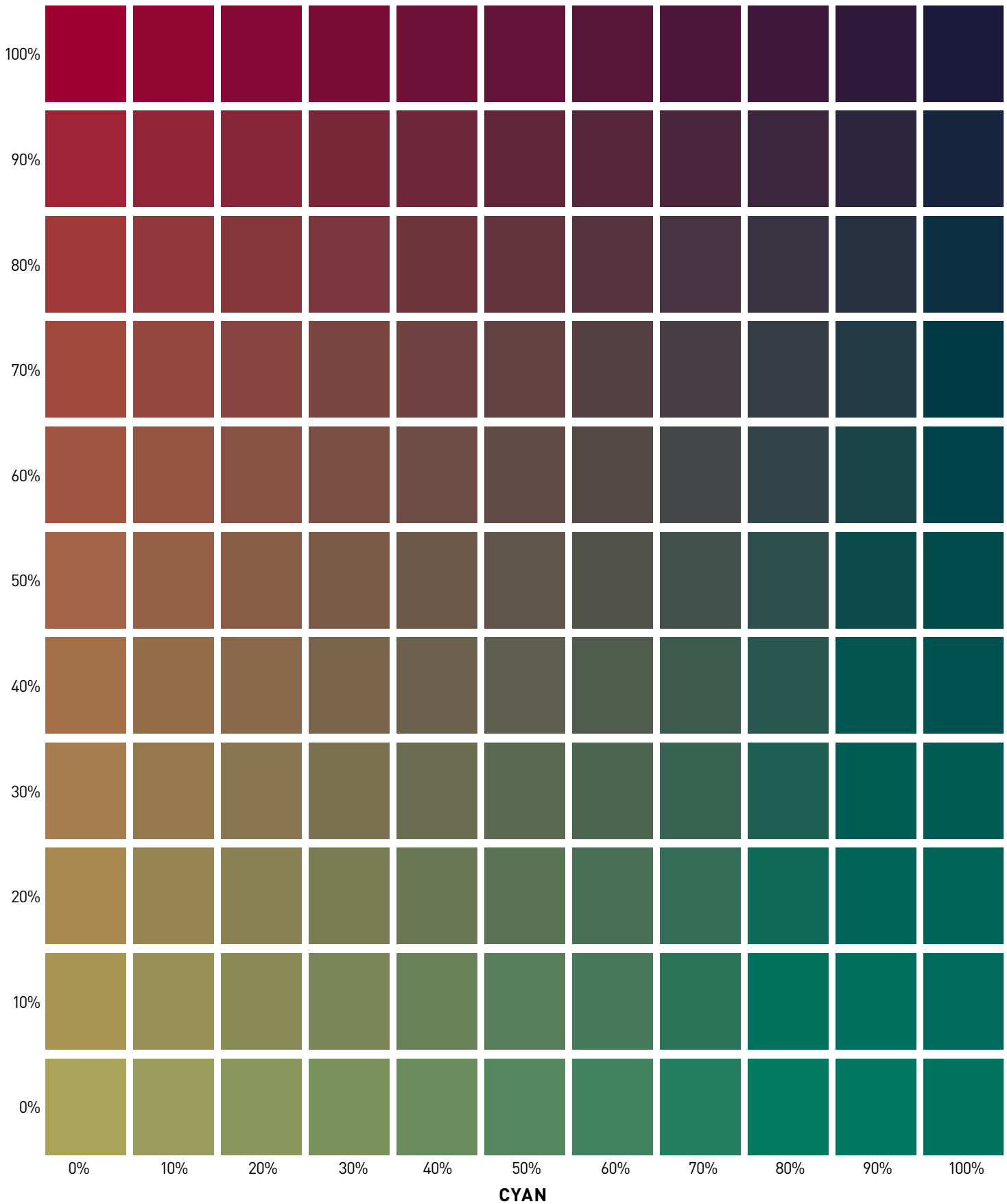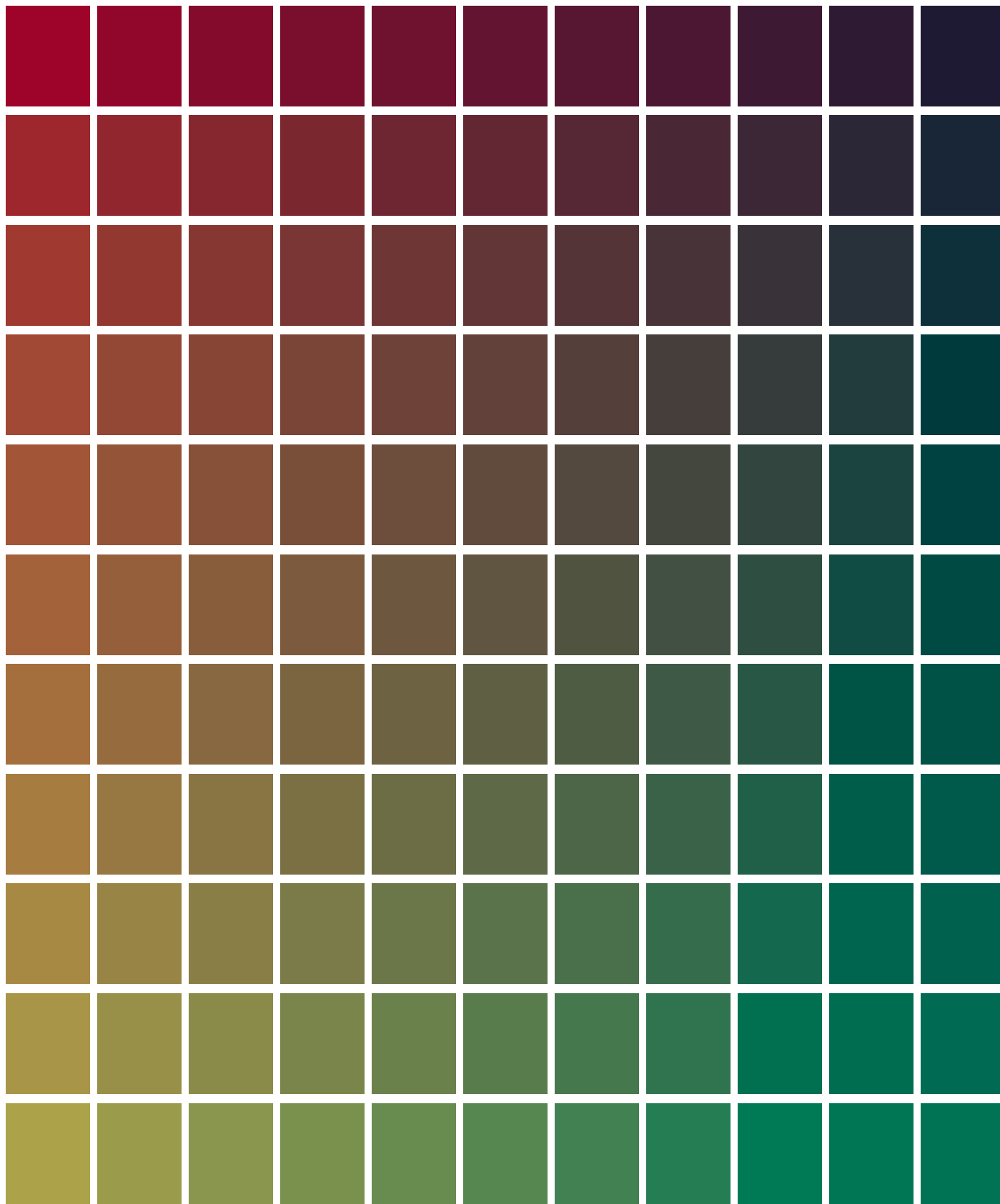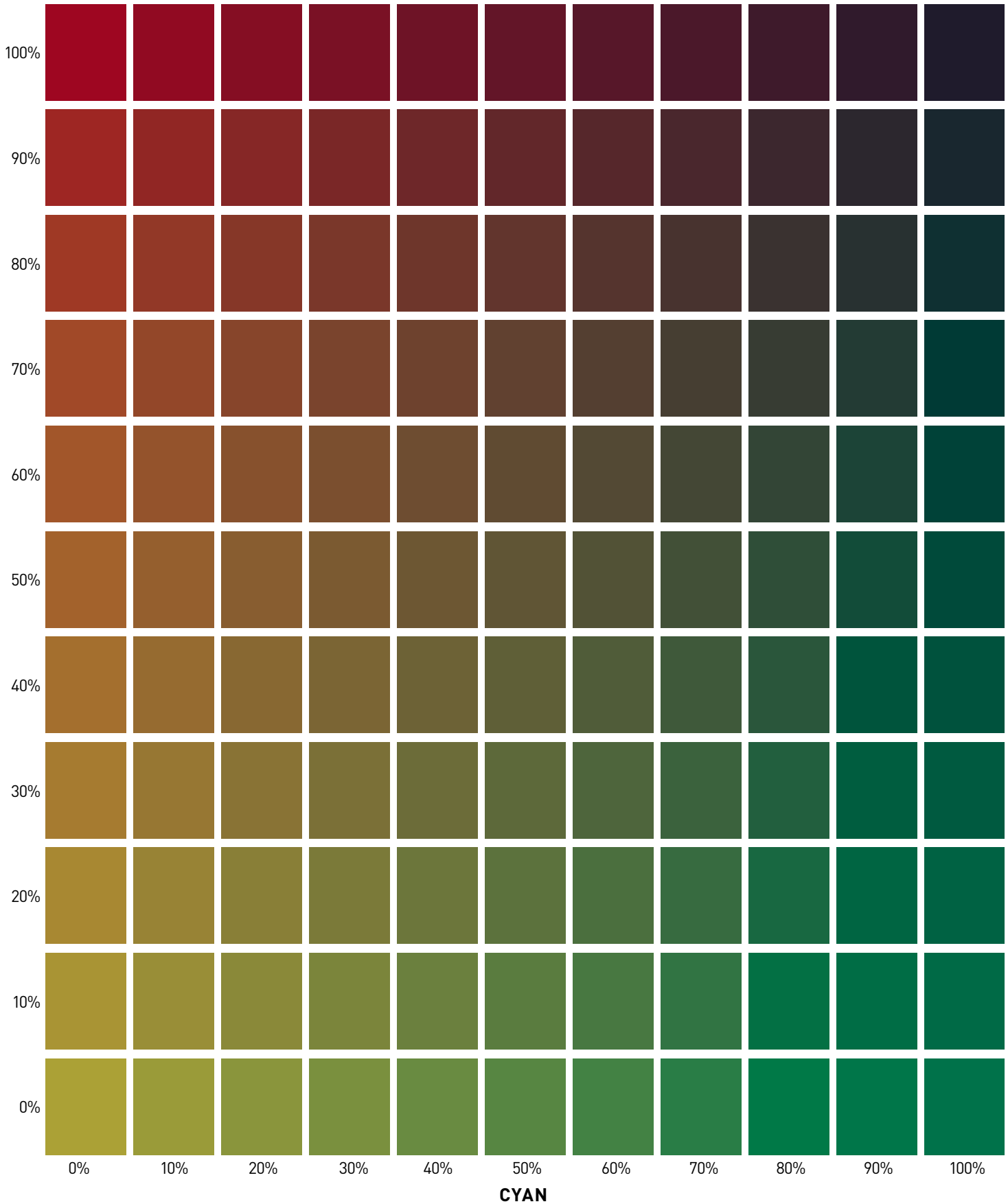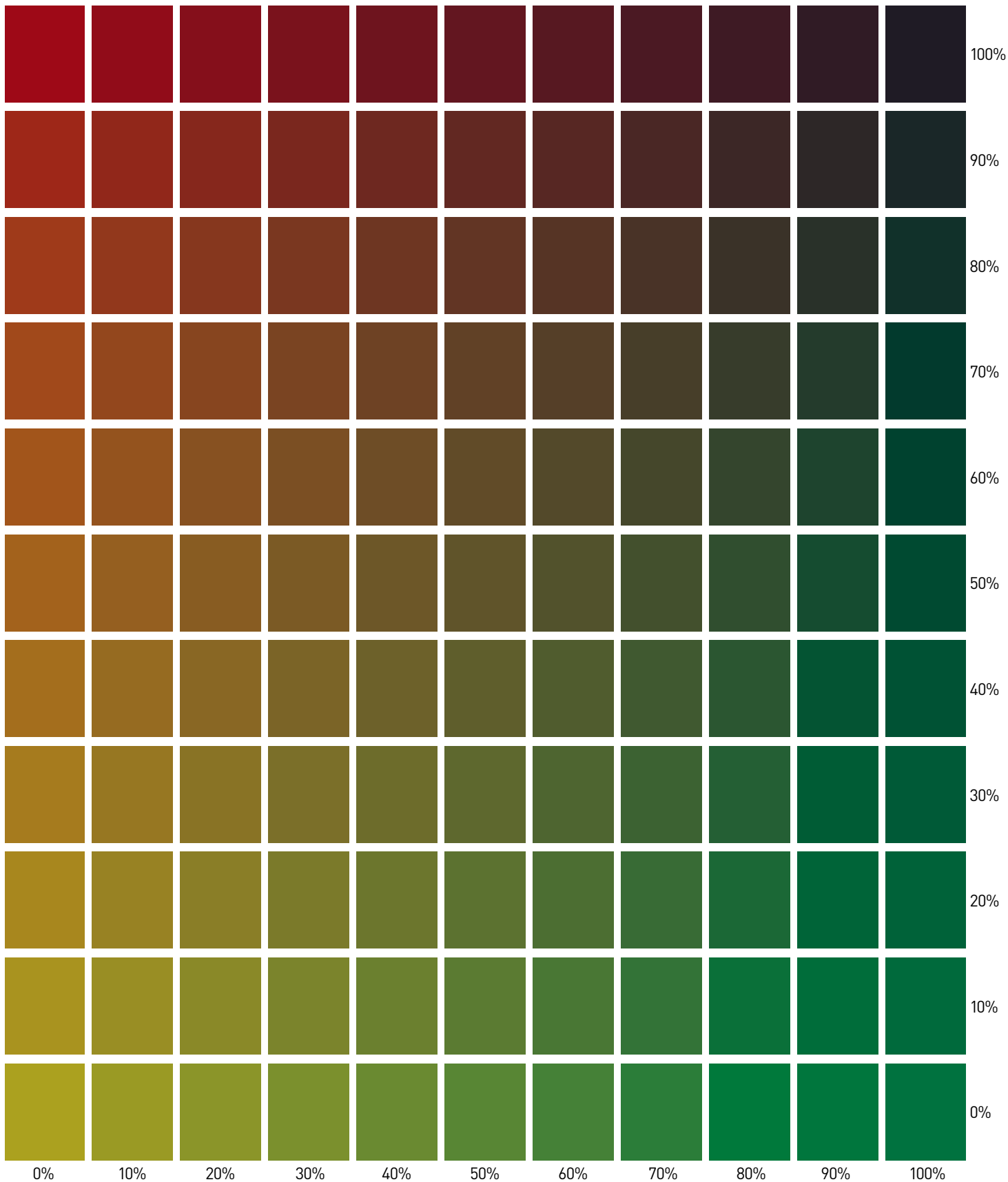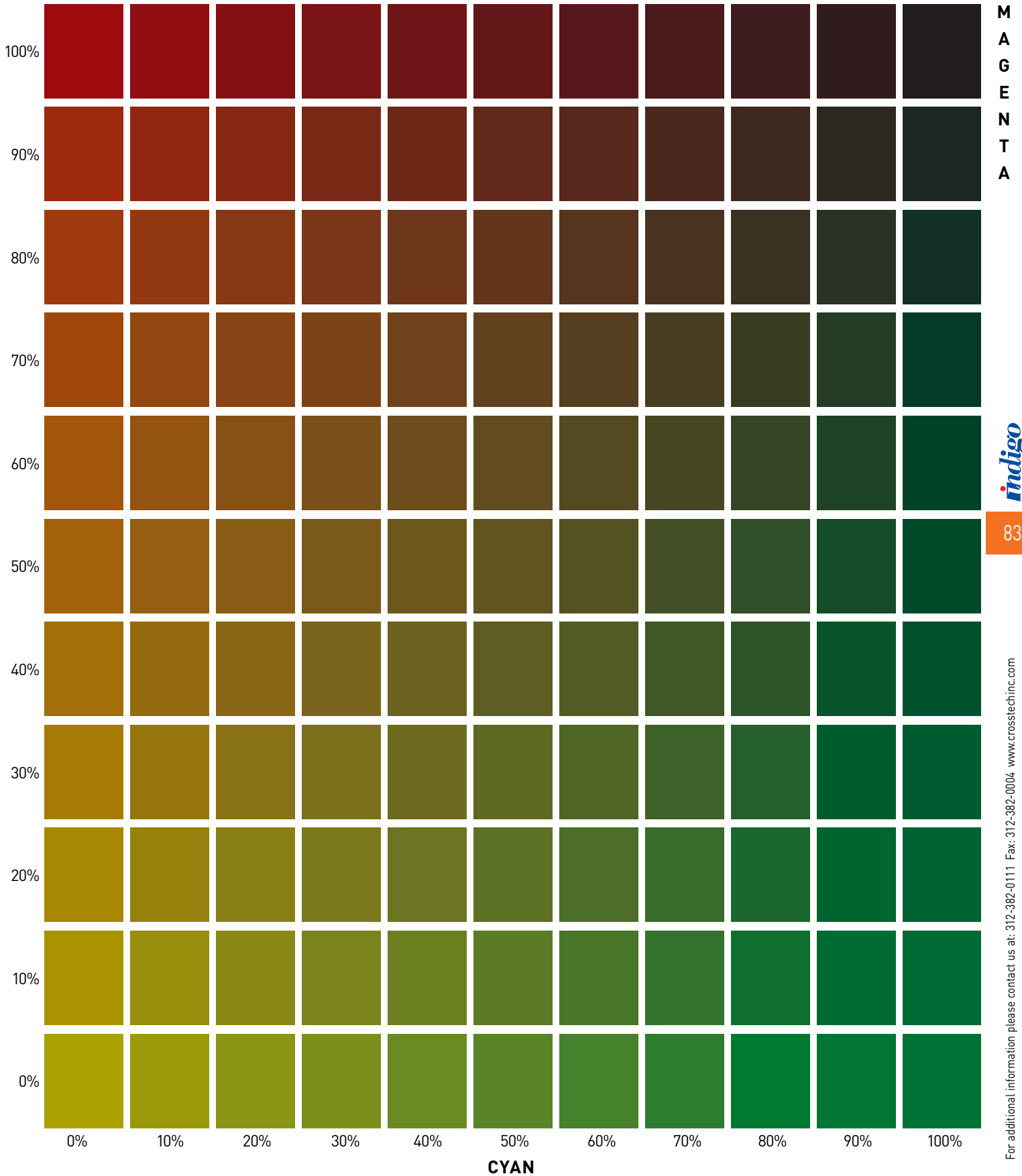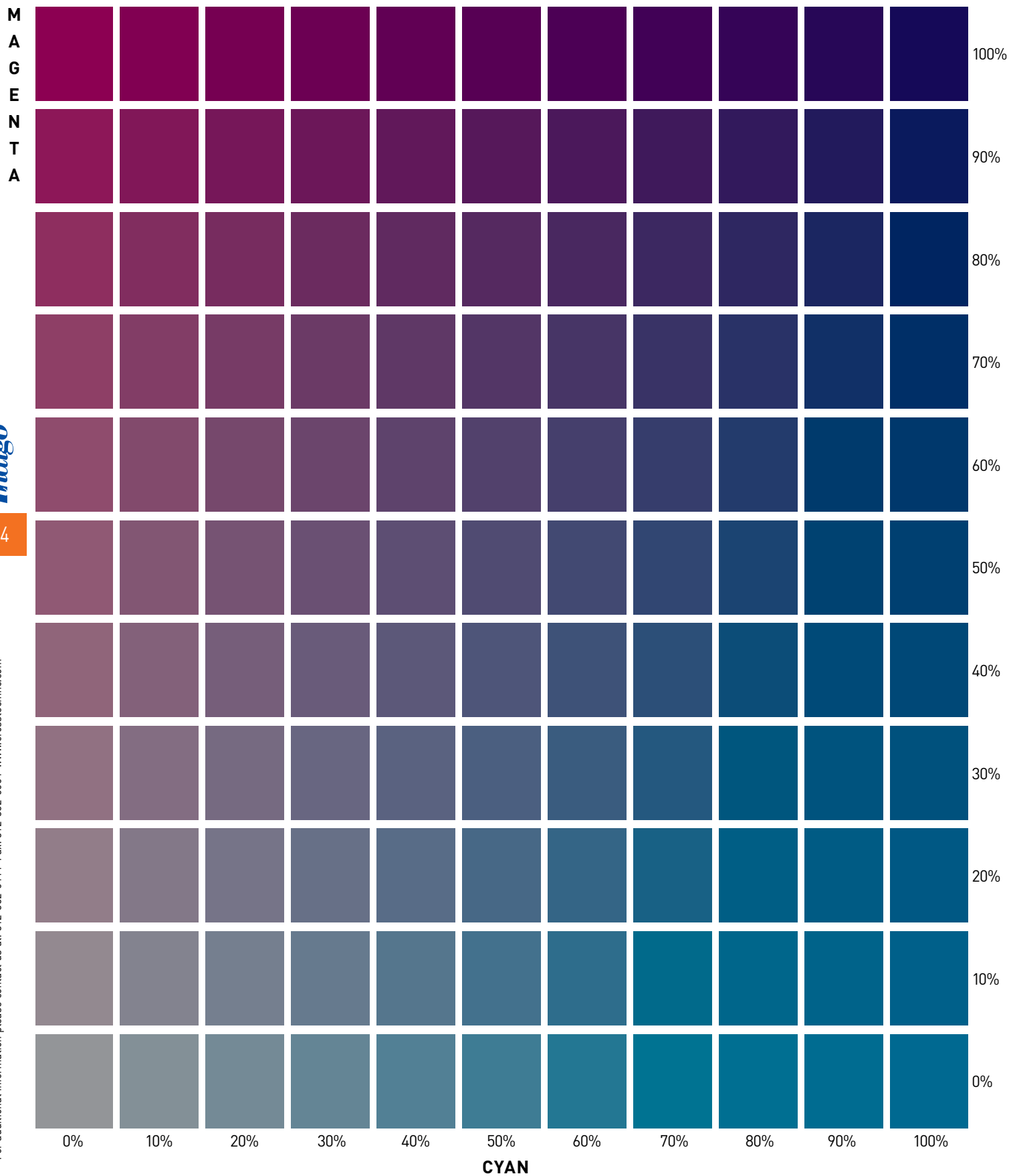
Yellow = 60% / Black = 50%

indigo

90

M A G E N T A											100%
											90%
											80%
											70%
											60%
											50%
											40%
											30%
											20%
											10%
											0%
0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	

CYAN

M A G E N T A

100%

90%

80%

70%

60%

indigo

50%

91

40%

30%

20%

10%

0%

0%   10%   20%   30%   40%   50%   60%   70%   80%   90%   100%
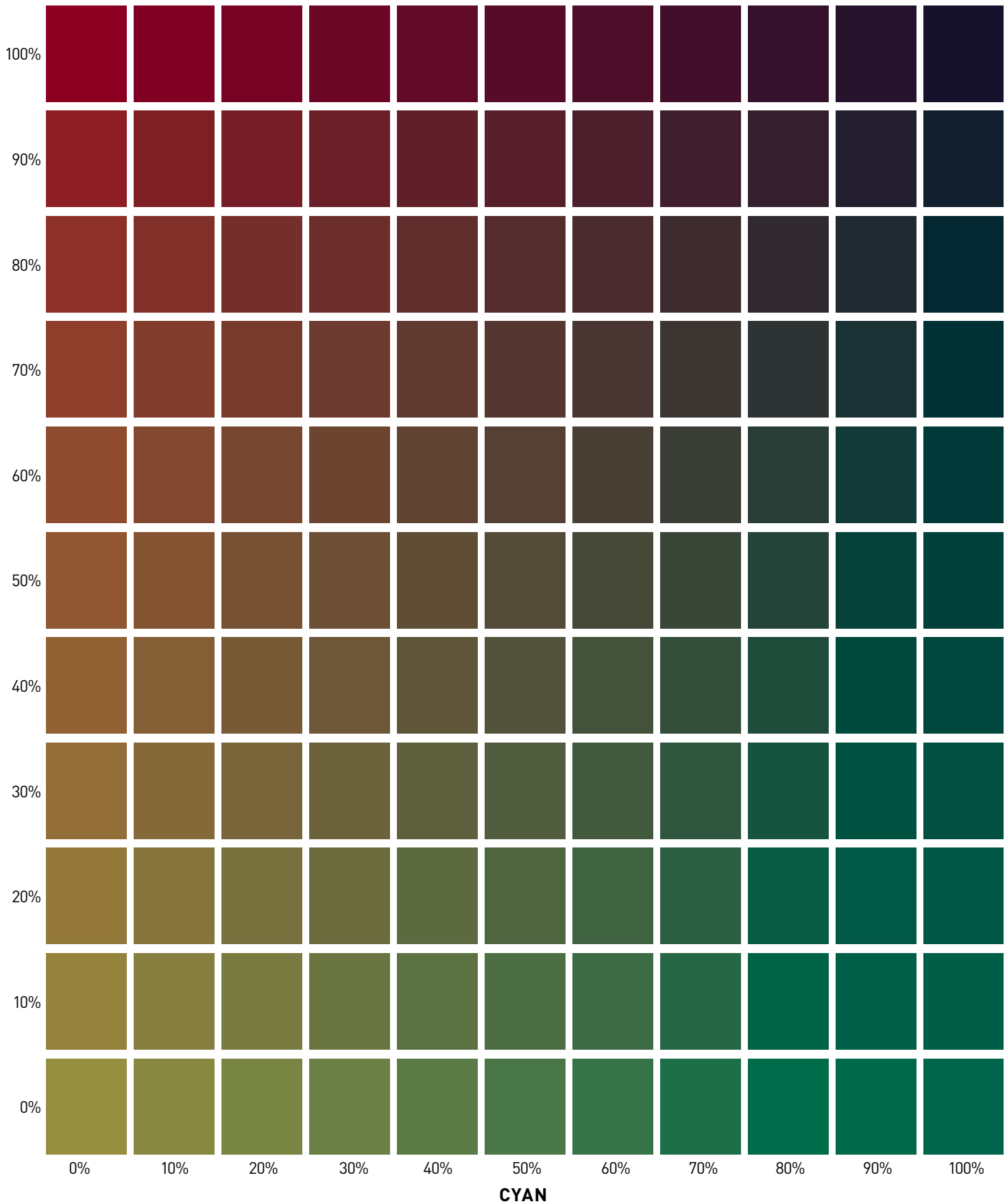
CYAN

CMYK Color Charts

Yellow = 80% / Black = 50%

MAGENTA
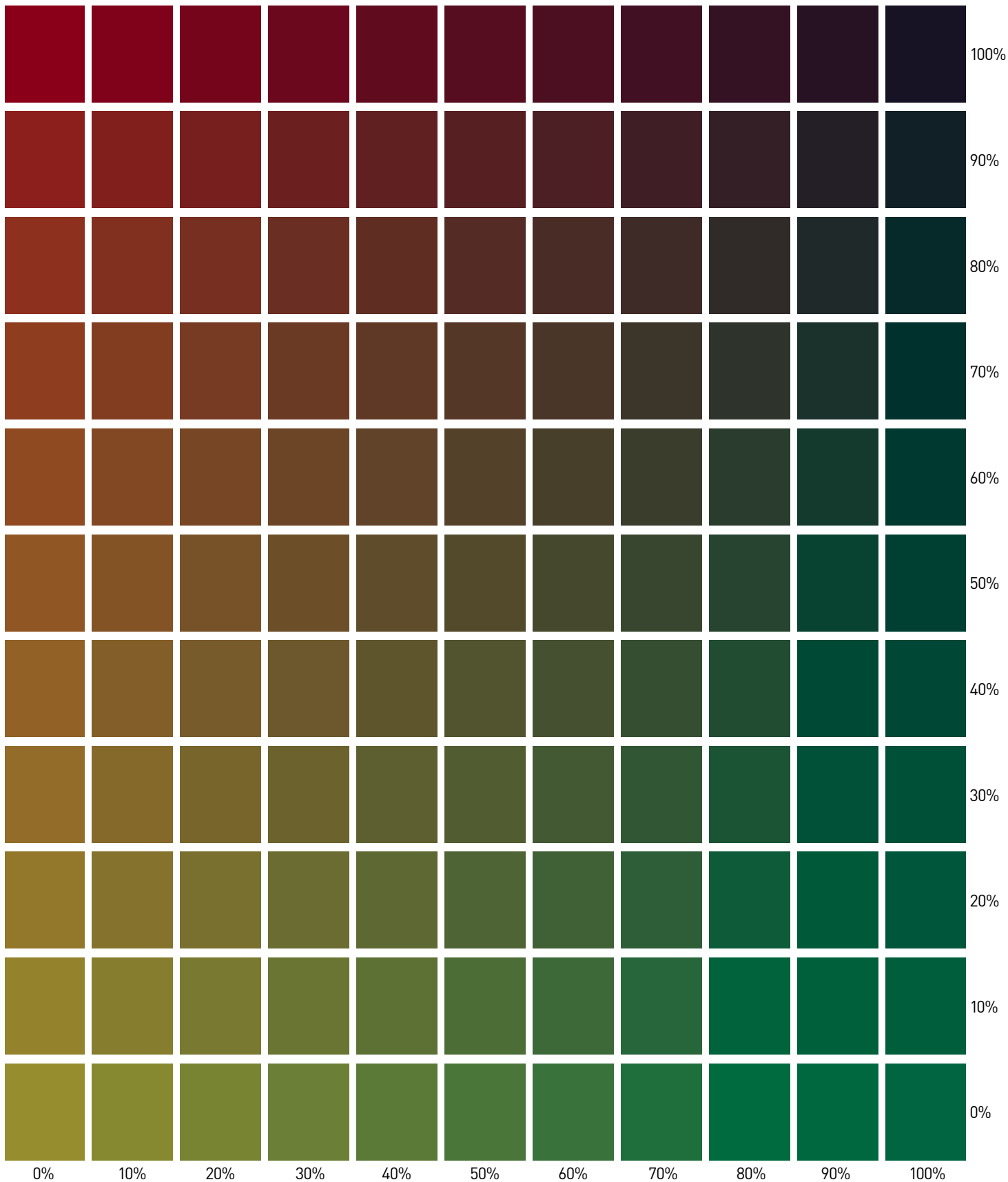
100%

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0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

CrossTech
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MAGENTA

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

CYAN

indigo

93

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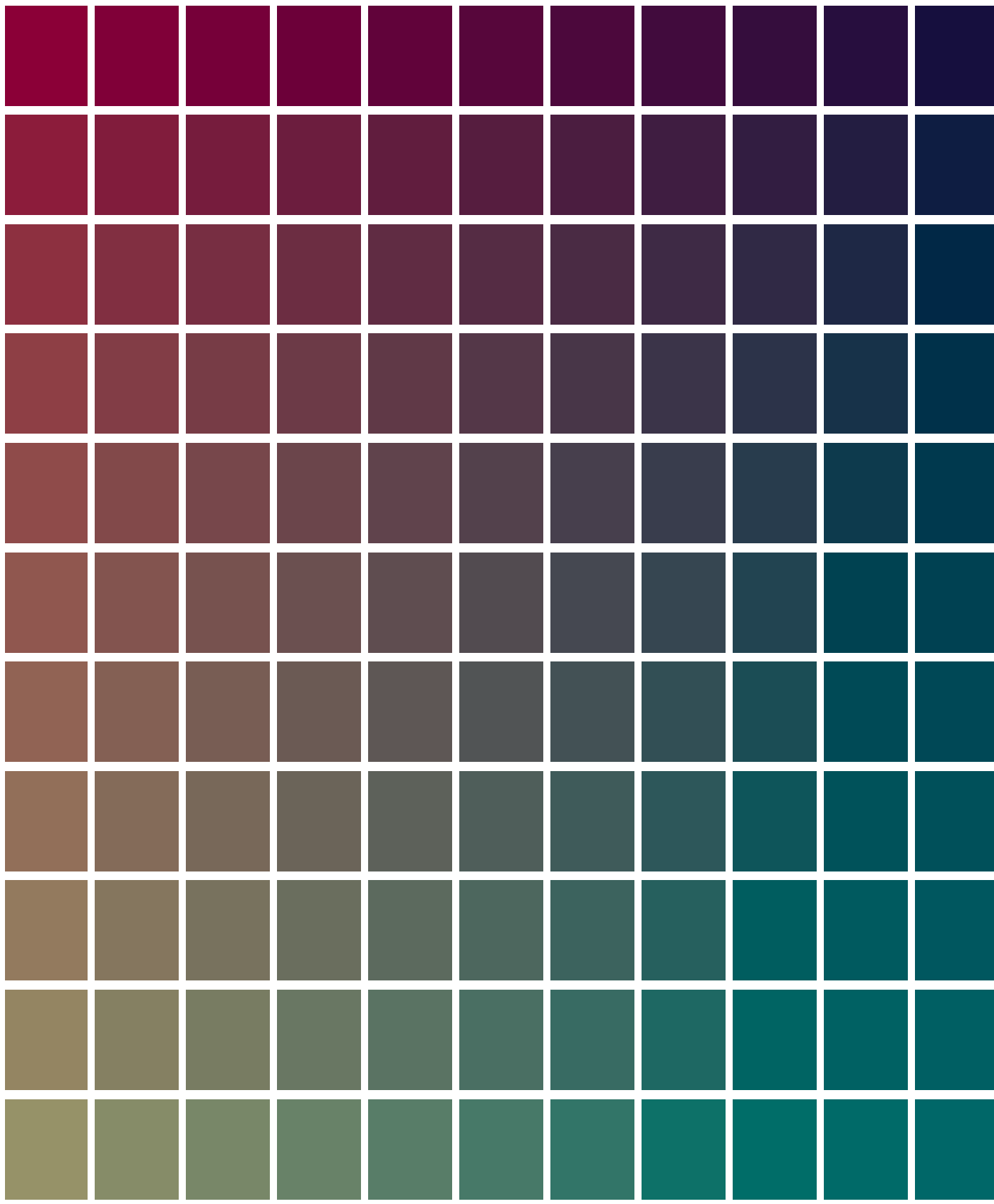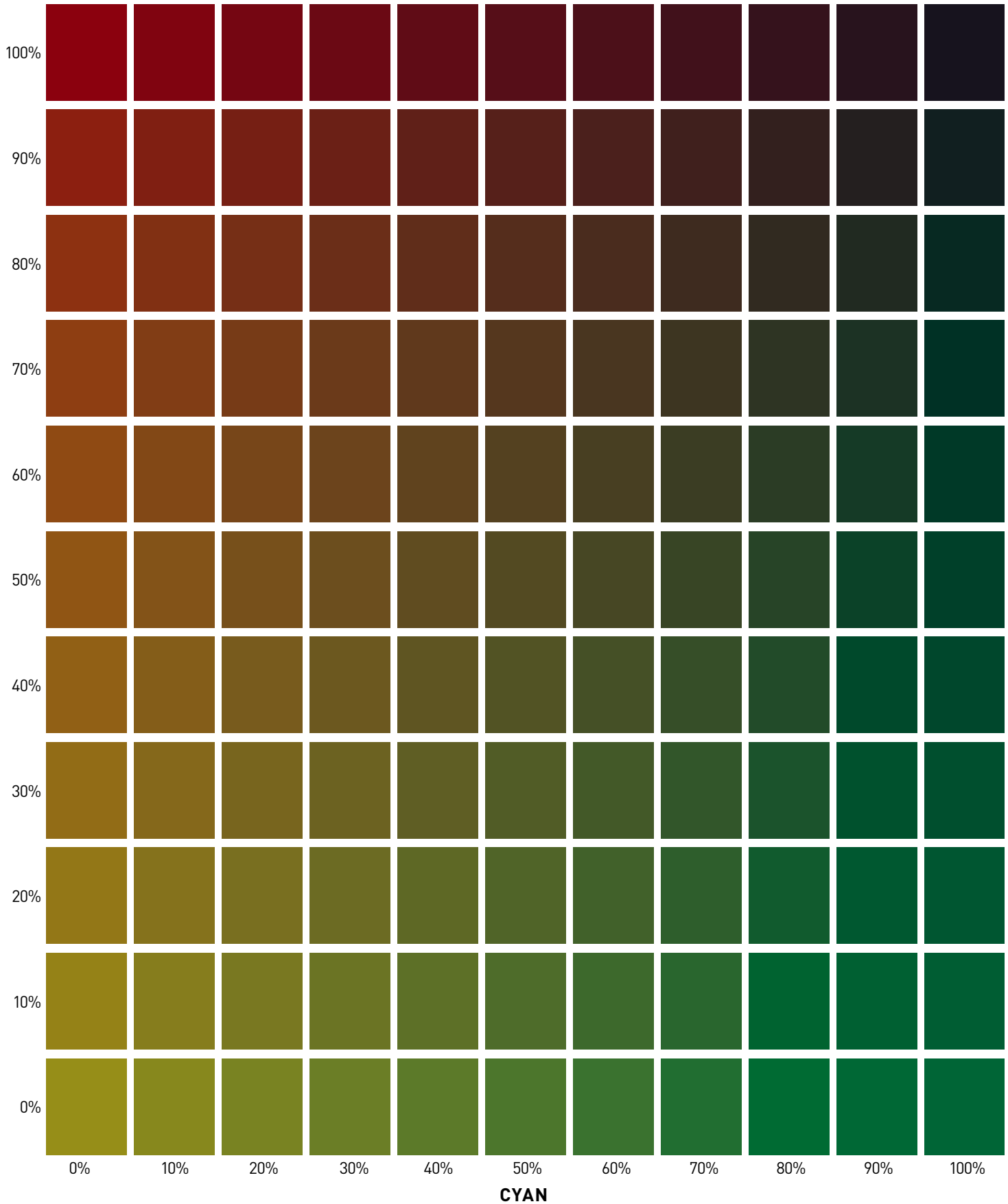
CMYK Color Charts

Yellow = 100% / Black = 50%

MAGENTA

100%

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10%

0%

0%　10%　20%　30%　40%　50%　60%　70%　80%　90%　100%

CYAN
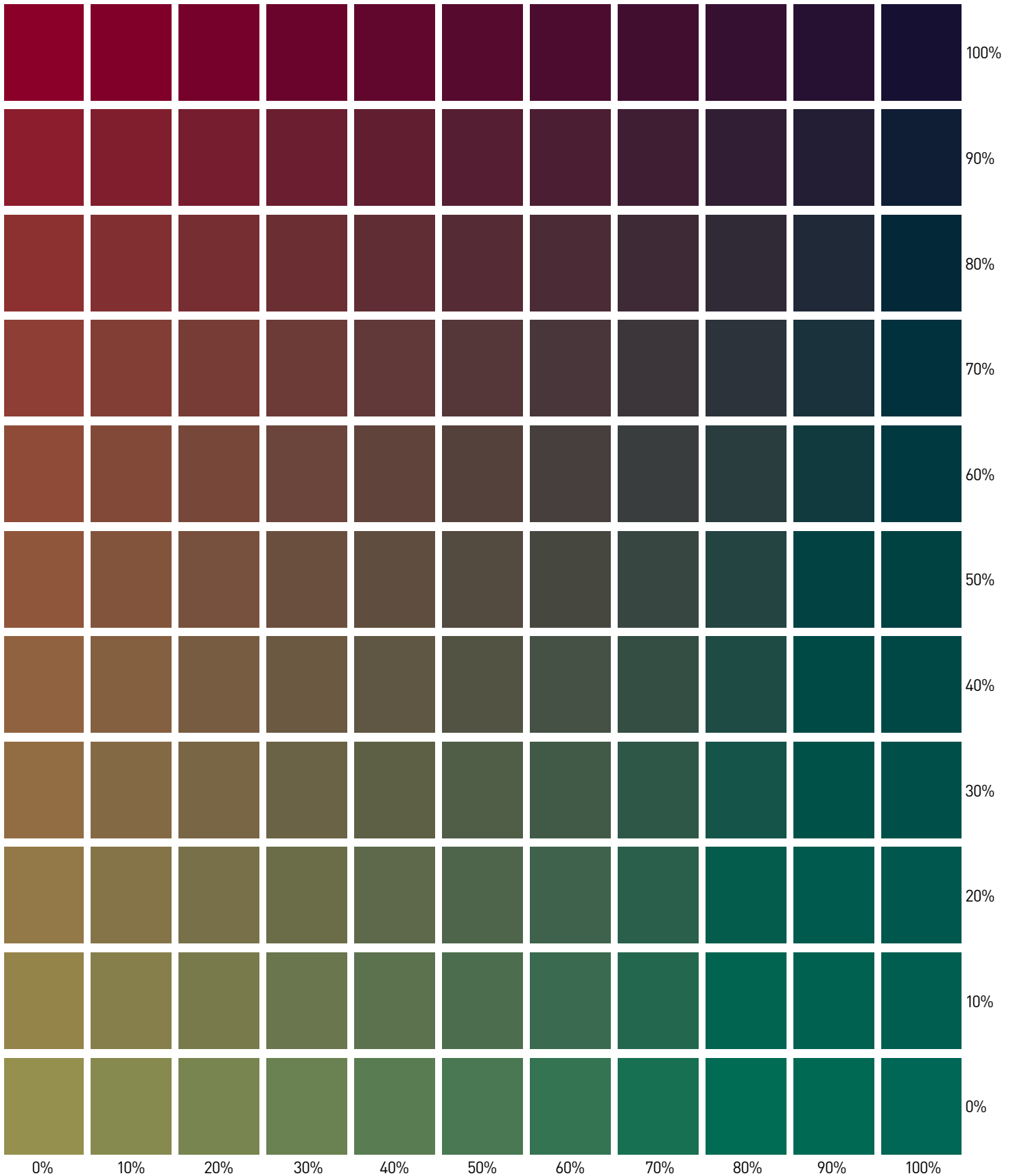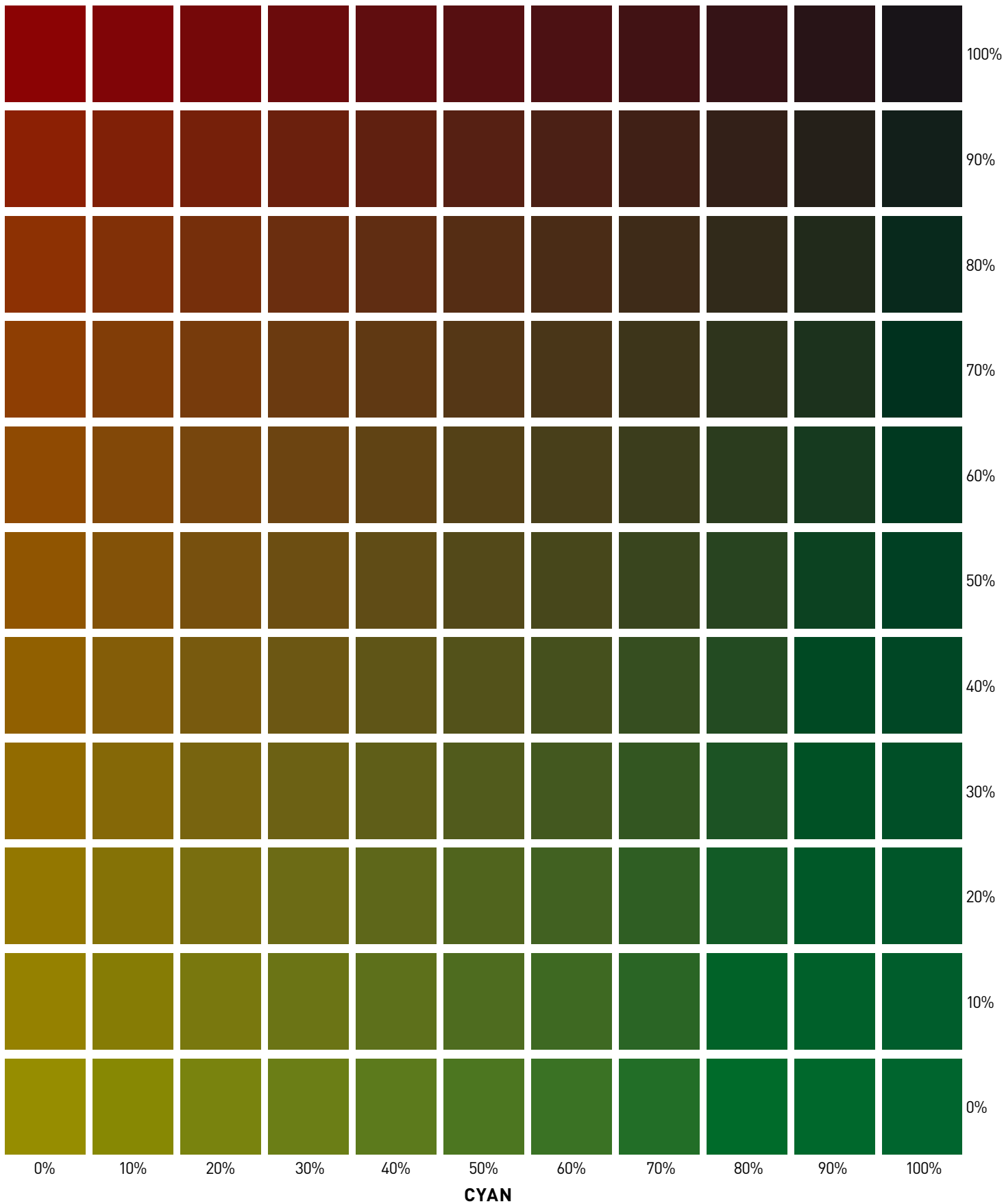
indigo

94

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143C 144C 145C 146C 153C 154C 1485C
148C 149C 150C 151C 152C 159C 160C 161C
1545C 155C 156C 157C 158C 163C 164C 165C 166C
1595C 1605C 1615C 162C 169C 170C 171C
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1635C 175C 176C 177C 178C 179C 180C 1807C 1817C 18
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186C 187C 188C 189C 190C 191C 196C 197C 198C
1915C 1925C 1935C 1945C 1955C 208C 209C 210C
203C 204C 205C 206C 207C 220C 221C 222C
218C 219C

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