

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=20_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$u^*_e = b00r$

data for any colour:

lab^*tch^* and lab^*icu^*

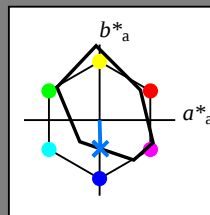
Hue texts:

$u^*_e = b00r$ $u^*_d = c53v$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	43.8	53.91	39.75	66.98	36	
Y _{Ma}	87.58	-4.65	98.29	98.4	93	
L _{Ma}	51.95	-56.34	43.53	71.2	142	
C _{Ma}	59.62	-26.2	-28.62	38.8	228	
V _{Ma}	25.01	45.2	-52.8	69.51	311	
M _{Ma}	45.88	70.67	-29.93	76.75	337	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 46 1 -38

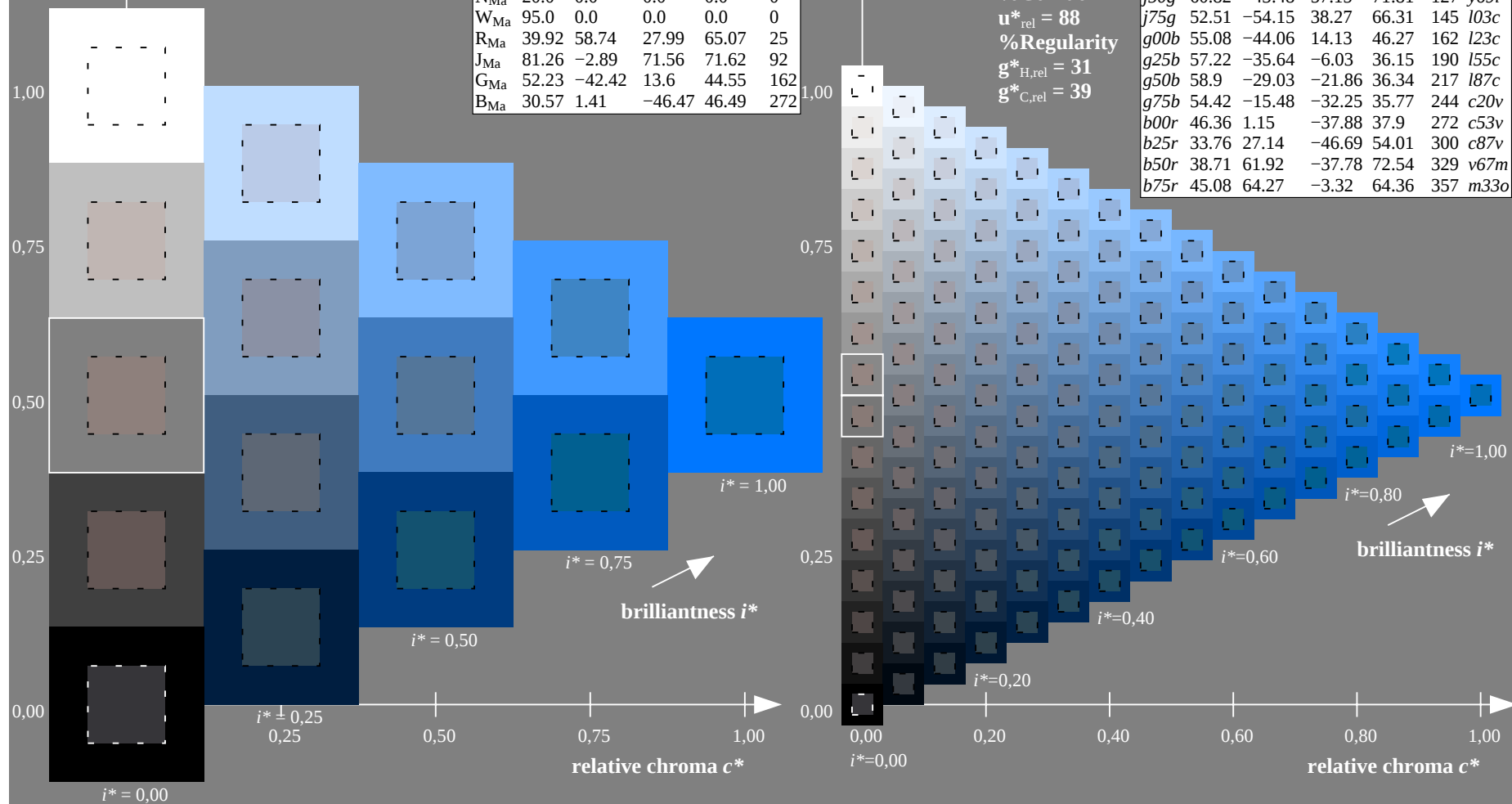
$LAB^*LCH^*_{Ma}$: 46 38 271

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

FRS12_95a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	44.18	56.95	27.14	63.08	25	m81o	
r25j	47.38	49.13	44.53	66.31	42	o10y	
r50j	57.76	35.24	58.41	68.22	59	o40y	
r75j	69.81	19.13	74.52	76.94	76	o69y	
j00g	87.06	-3.94	97.58	97.66	92	o98y	
j25g	72.25	-26.89	74.73	79.42	110	y34l	
j50g	60.82	-43.48	57.15	71.81	127	y69l	
j75g	52.51	-54.15	38.27	66.31	145	l03c	
g00b	55.08	-44.06	14.13	46.27	162	l23c	
g25b	57.22	-35.64	-6.03	36.15	190	l55c	
g50b	58.9	-29.03	-21.86	36.34	217	l87c	
g75b	54.42	-15.48	-32.25	35.77	244	c20v	
b00r	46.36	1.15	-37.88	37.9	272	c53v	
b25r	33.76	27.14	-46.69	54.01	300	c87v	
b50r	38.71	61.92	-37.78	72.54	329	v67m	
b75r	45.08	64.27	-3.32	64.36	357	m33o	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=20_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$u^*_e = b00r$

data for any colour:

lab^*tch^* and lab^*icu^*

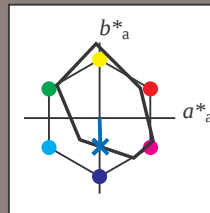
Hue texts:

$u^*_e = b00r$ $u^*_d = c53v$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	43.8	53.91	39.75	66.98	36	
Y_{Ma}	87.58	-4.65	98.29	98.4	93	
L_{Ma}	51.95	-56.34	43.53	71.2	142	
C_{Ma}	59.62	-26.2	-28.62	38.8	228	
V_{Ma}	25.01	45.2	-52.8	69.51	311	
M_{Ma}	45.88	70.67	-29.93	76.75	337	
N_{Ma}	20.0	0.0	0.0	0.0	0	
W_{Ma}	95.0	0.0	0.0	0.0	0	
R_{Ma}	39.92	58.74	27.99	65.07	25	
J_{Ma}	81.26	-2.89	71.56	71.62	92	
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Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 46 1 -38

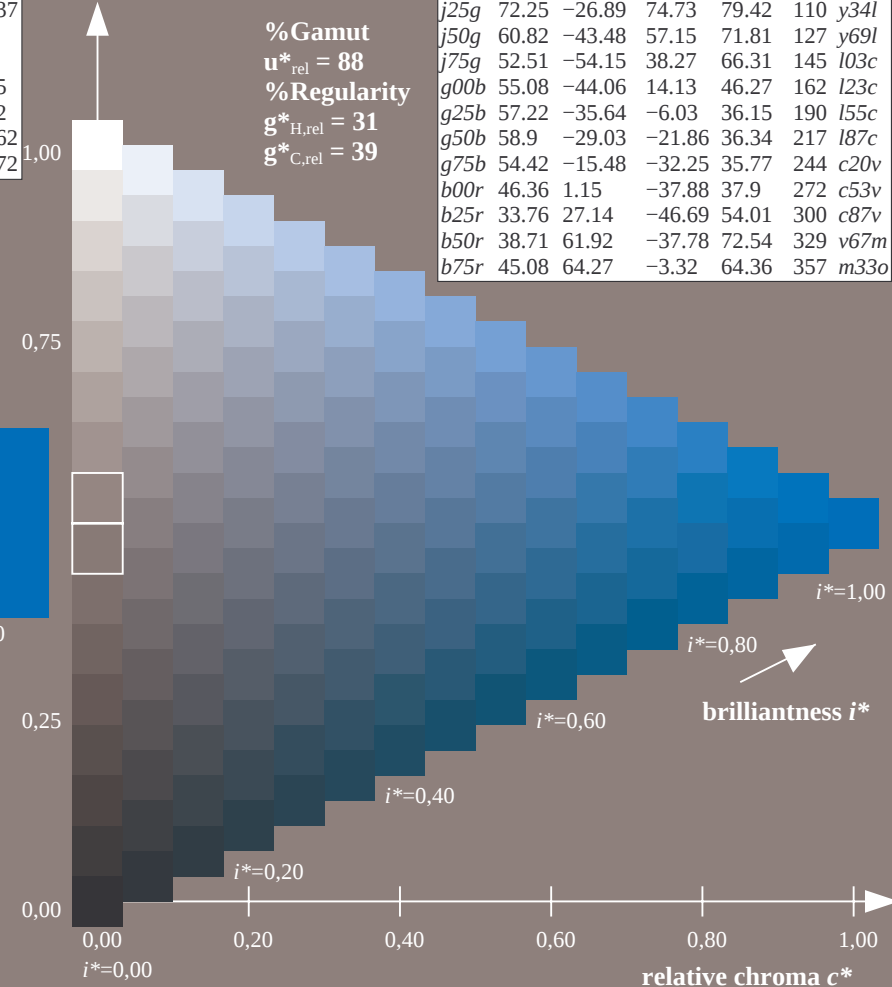
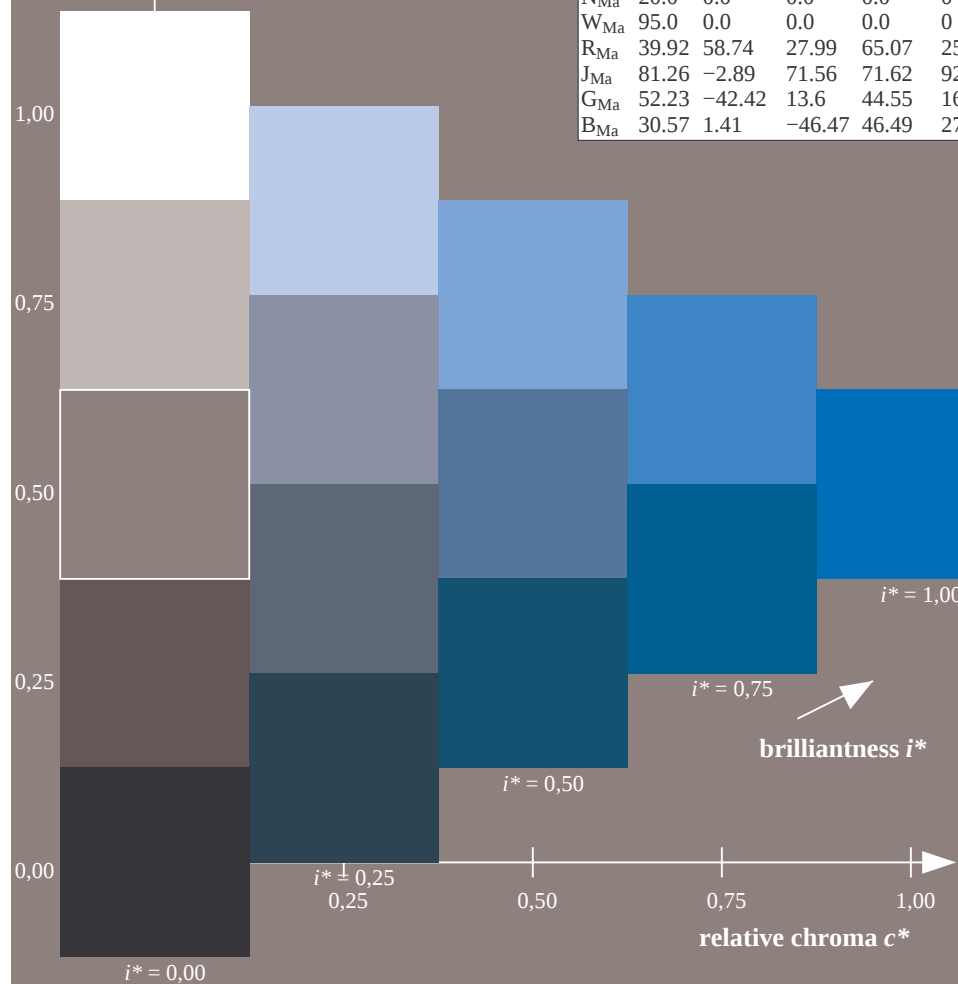
$LAB^*LCH^*_{Ma}$: 46 38 271

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

FRS12_95a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
$r00j$	44.18	56.95	27.14	63.08	25	$m81o$	
$r25j$	47.38	49.13	44.53	66.31	42	$o10y$	
$r50j$	57.76	35.24	58.41	68.22	59	$o40y$	
$r75j$	69.81	19.13	74.52	76.94	76	$o69y$	
$j00g$	87.06	-3.94	97.58	97.66	92	$o98y$	
$j25g$	72.25	-26.89	74.73	79.42	110	$y34l$	
$j50g$	60.82	-43.48	57.15	71.81	127	$y69l$	
$j75g$	52.51	-54.15	38.27	66.31	145	$l03c$	
$g00b$	55.08	-44.06	14.13	46.27	162	$l23c$	
$g25b$	57.22	-35.64	-6.03	36.15	190	$l55c$	
$g50b$	58.9	-29.03	-21.86	36.34	217	$l87c$	
$g75b$	54.42	-15.48	-32.25	35.77	244	$c20v$	
$b00r$	46.36	1.15	-37.88	37.9	272	$c53v$	
$b25r$	33.76	27.14	-46.69	54.01	300	$c87v$	
$b50r$	38.71	61.92	-37.78	72.54	329	$v67m$	
$b75r$	45.08	64.27	-3.32	64.36	357	$m33o$	



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lab^*tch^* and lab^*icu^*

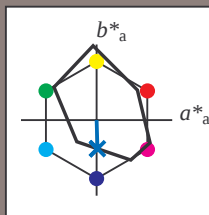
Hue texts:

$u^*_e = b00r$ $u^*_d = c53v$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	43.8	53.91	39.75	66.98	36
Y _{Ma}	87.58	-4.65	98.29	98.4	93
L _{Ma}	51.95	-56.34	43.53	71.2	142
C _{Ma}	59.62	-26.2	-28.62	38.8	228
V _{Ma}	25.01	45.2	-52.8	69.51	311
M _{Ma}	45.88	70.67	-29.93	76.75	337
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
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Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 46 1 -38

$LAB^*LCH^*_{Ma}$: 46 38 271

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	-3.94	97.58	97.66	92	o98y
j25g	72.25	-26.89	74.73	79.42	110	y34l
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g25b	57.22	-35.64	-6.03	36.15	190	l55c
g50b	58.9	-29.03	-21.86	36.34	217	l87c
g75b	54.42	-15.48	-32.25	35.77	244	c20v
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b25r	33.76	27.14	-46.69	54.01	300	c87v
b50r	38.71	61.92	-37.78	72.54	329	v67m
b75r	45.08	64.27	-3.32	64.36	357	m33o

$u^*_e = b00r$

lab^*olv^*

lab^*olv^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

$i^* \pm 0,25$

$i^* = 0,50$

$i^* = 0,75$

$i^* = 1,00$

$$u^*_e = b00r$$

*lab*rgb**

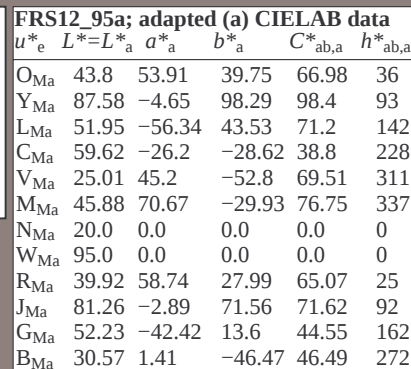
LAB data

$$h^*_{ab,a} \quad h^*_{ab,a} \quad t$$
53.08 25 *n*

56.31	42	0
59.33	50	

58.22	59	0
76.94	76	0

97.66	92	0
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*LAB*LAB**_{Ma}: 46 1 -38

LAB*LCH*_{Ma}: 46 38 271

$$lab*rgb*M_2: 0.0 \ 0.0 \ 1.0$$
$$lab^*ch^* = 0.0 \quad 0.47 \quad 1.0$$

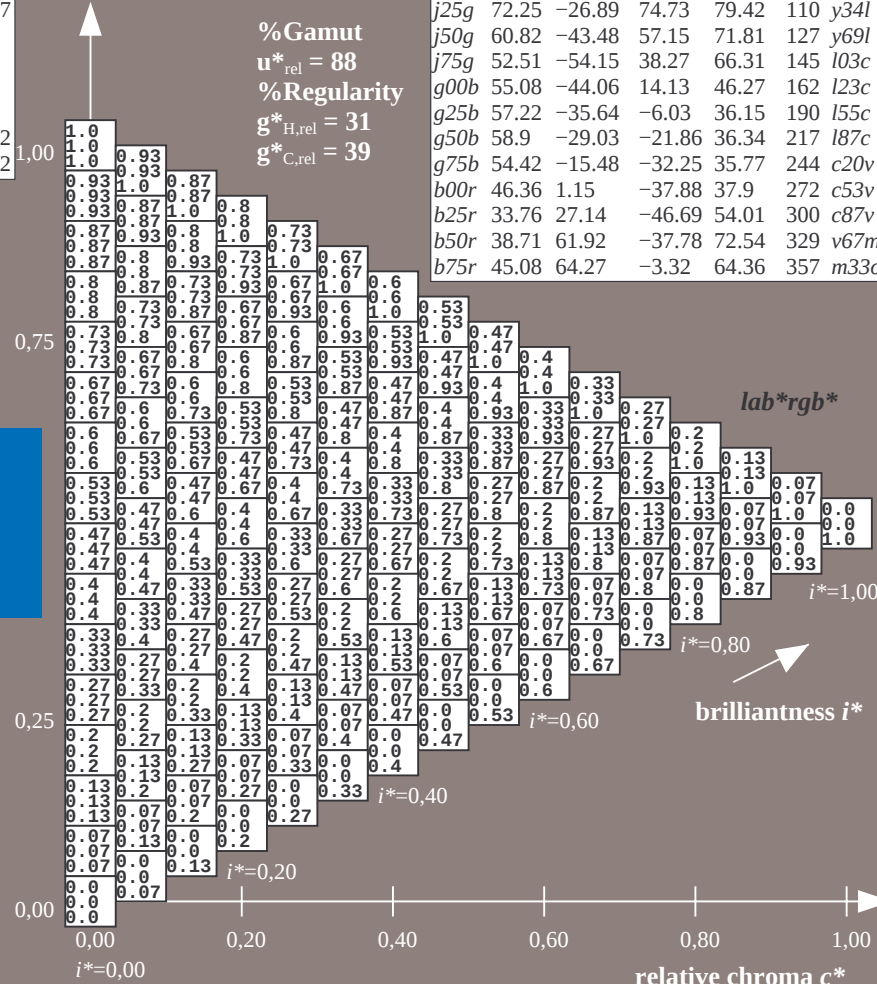
ldb*oiv*Ma: 0.0 0.4/ 1.0

triangle lightness t^*

%Gamut

$$\mathbf{u}_{\text{rel}}^* = 88$$

%Regularity

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 39$$


*lab*rgb**

 $i^*=1,00$

brilliantness *i**

relative chroma c^* relative chroma c^*

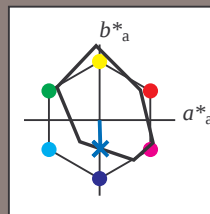
$$u^*_e = b00r$$

$$LAB^*LAB^*_a$$

*lab*tch** and *lab*icu**

$$u^*_e = b00r \quad u^*_d = c53v$$
 $c_D = 0.9$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$
Q _{Ma}	43.8	53.91	39.75	66.98	36	
Y _{Ma}	87.58	-4.65	98.29	98.4	93	
L _{Ma}	51.95	-56.34	43.53	71.2	142	
C _{Ma}	59.62	-26.2	-28.62	38.8	228	
V _{Ma}	25.01	45.2	-52.8	69.51	311	
M _{Ma}	45.88	70.67	-29.93	76.75	337	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

*LAB*LAB**_{Ma}: 46 1 -38

LAB*LCH*_{Ma}: 46 38 271

$$lab*rag*M_2: 0.0 \quad 0.0 \quad 1.0$$
$$lab*ply*_{\tau} : 0.0 \quad 0.47 \quad 1.0$$

100% H_2O Ma: 0.0 0.47 1.0

triangle lightness t^*

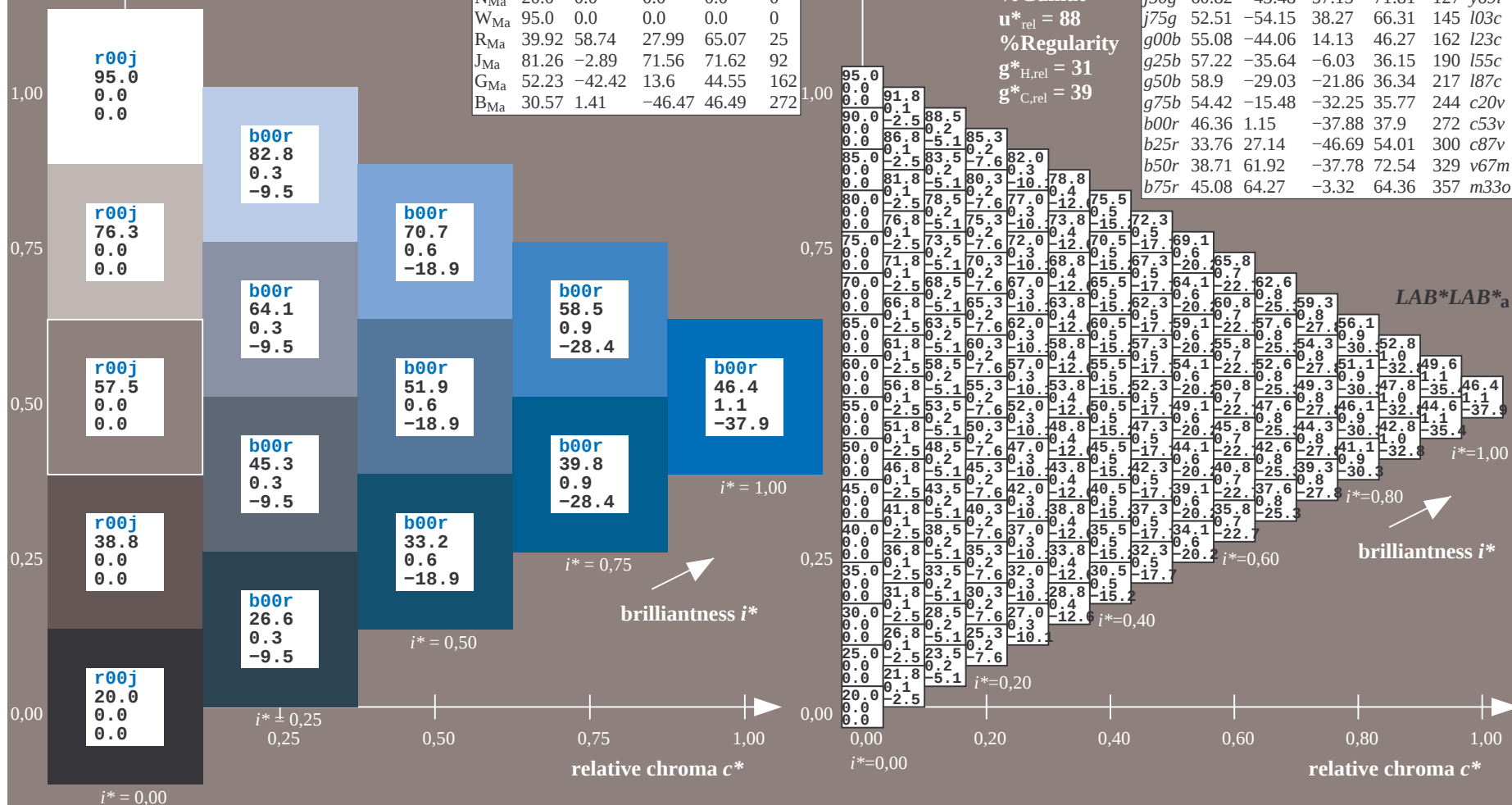
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 88$$

%Regularity

$$g^*_{H,rel} = 31$$
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FRS12_95a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*	
<i>r00j</i>	44.18	56.95	27.14	63.08	25	<i>m81o</i>	
<i>r25j</i>	47.38	49.13	44.53	66.31	42	<i>o10y</i>	
<i>r50j</i>	57.76	35.24	58.41	68.22	59	<i>o40y</i>	
<i>r75j</i>	69.81	19.13	74.52	76.94	76	<i>o69y</i>	
<i>j00g</i>	87.06	-3.94	97.58	97.66	92	<i>o98y</i>	
<i>j25g</i>	72.25	-26.89	74.73	79.42	110	<i>y34l</i>	
<i>j50g</i>	60.82	-43.48	57.15	71.81	127	<i>y69l</i>	
<i>j75g</i>	52.51	-54.15	38.27	66.31	145	<i>l03c</i>	
<i>g00b</i>	55.08	-44.06	14.13	46.27	162	<i>l23c</i>	
<i>g25b</i>	57.22	-35.64	-6.03	36.15	190	<i>l55c</i>	
<i>g50b</i>	58.9	-29.03	-21.86	36.34	217	<i>l87c</i>	
<i>g75b</i>	54.42	-15.48	-32.25	35.77	244	<i>c20v</i>	
<i>b00r</i>	46.36	1.15	-37.88	37.9	272	<i>c53v</i>	
<i>b25r</i>	33.76	27.14	-46.69	54.01	300	<i>c87v</i>	
<i>b50r</i>	38.71	61.92	-37.78	72.54	329	<i>v67m</i>	
<i>b75r</i>	45.08	64.27	-3.32	64.36	357	<i>m33o</i>	



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lab^*tch^* and lab^*icu^*

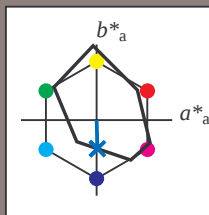
Hue texts:

$u^*_e = b00r$ $u^*_d = c53v$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	43.8	53.91	39.75	66.98	36	
Y _{Ma}	87.58	-4.65	98.29	98.4	93	
L _{Ma}	51.95	-56.34	43.53	71.2	142	
C _{Ma}	59.62	-26.2	-28.62	38.8	228	
V _{Ma}	25.01	45.2	-52.8	69.51	311	
M _{Ma}	45.88	70.67	-29.93	76.75	337	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 46 1 -38

$LAB^*LCH^*_{Ma}$: 46 38 271

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data							
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o	
r25j	47.38	49.13	44.53	66.31	42	o10y	
r50j	57.76	35.24	58.41	68.22	59	o40y	
r75j	69.81	19.13	74.52	76.94	76	o69y	
j00g	87.06	-3.94	97.58	97.66	92	o98y	
j25g	72.25	-26.89	74.73	79.42	110	y34l	
j50g	60.82	-43.48	57.15	71.81	127	y69l	
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b50r	38.71	61.92	-37.78	72.54	329	v67m	
b75r	45.08	64.27	-3.32	64.36	357	m33o	

$u^*_e = b00r$

$LAB^*LCH^*_{Ma}$

$LAB^*LCH^*_{Ma}$

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

$i^* \pm 0,25$

$i^* = 0,50$

$i^* = 0,75$

$i^* = 1,00$

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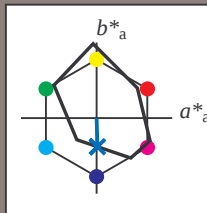
Hue texts:

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contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



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u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
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Data for maximum colour (Ma):

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$LAB^*LCH^*_{Ma}$: 46 38 271

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

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triangle lightness t^*

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$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	44.18	56.95	27.14	63.08	25	m81o	
r25j	47.38	49.13	44.53	66.31	42	o10y	
r50j	57.76	35.24	58.41	68.22	59	o40y	
r75j	69.81	19.13	74.52	76.94	76	o69y	
j00g	87.06	-3.94	97.58	97.66	92	o98y	
j25g	72.25	-26.89	74.73	79.42	110	y34l	
j50g	60.82	-43.48	57.15	71.81	127	y69l	
j75g	52.51	-54.15	38.27	66.31	145	i03c	
g00b	55.08	-44.06	14.13	46.27	162	i23c	
g25b	57.22	-35.64	-6.03	36.15	190	i55c	
g50b	58.9	-29.03	-21.86	36.34	217	i87c	
g75b	54.42	-15.48	-32.25	35.77	244	c20v	
b00r	46.36	1.15	-37.88	37.9	272	c53v	
b25r	33.76	27.14	-46.69	54.01	300	c87v	
b50r	38.71	61.92	-37.78	72.54	329	v67m	
b75r	45.08	64.27	-3.32	64.36	357	m33o	

lab^*tch^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^*=0,00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=20_{95}$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

lab^*tch^* and lab^*icu^*

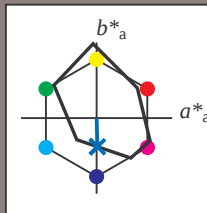
Hue texts:

$u^*_e = b00r$ $u^*_d = c53v$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	43.8	53.91	39.75	66.98	36	
Y _{Ma}	87.58	-4.65	98.29	98.4	93	
L _{Ma}	51.95	-56.34	43.53	71.2	142	
C _{Ma}	59.62	-26.2	-28.62	38.8	228	
V _{Ma}	25.01	45.2	-52.8	69.51	311	
M _{Ma}	45.88	70.67	-29.93	76.75	337	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 46 1 -38

$LAB^*LCH^*_{Ma}$: 46 38 271

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

% Gamut

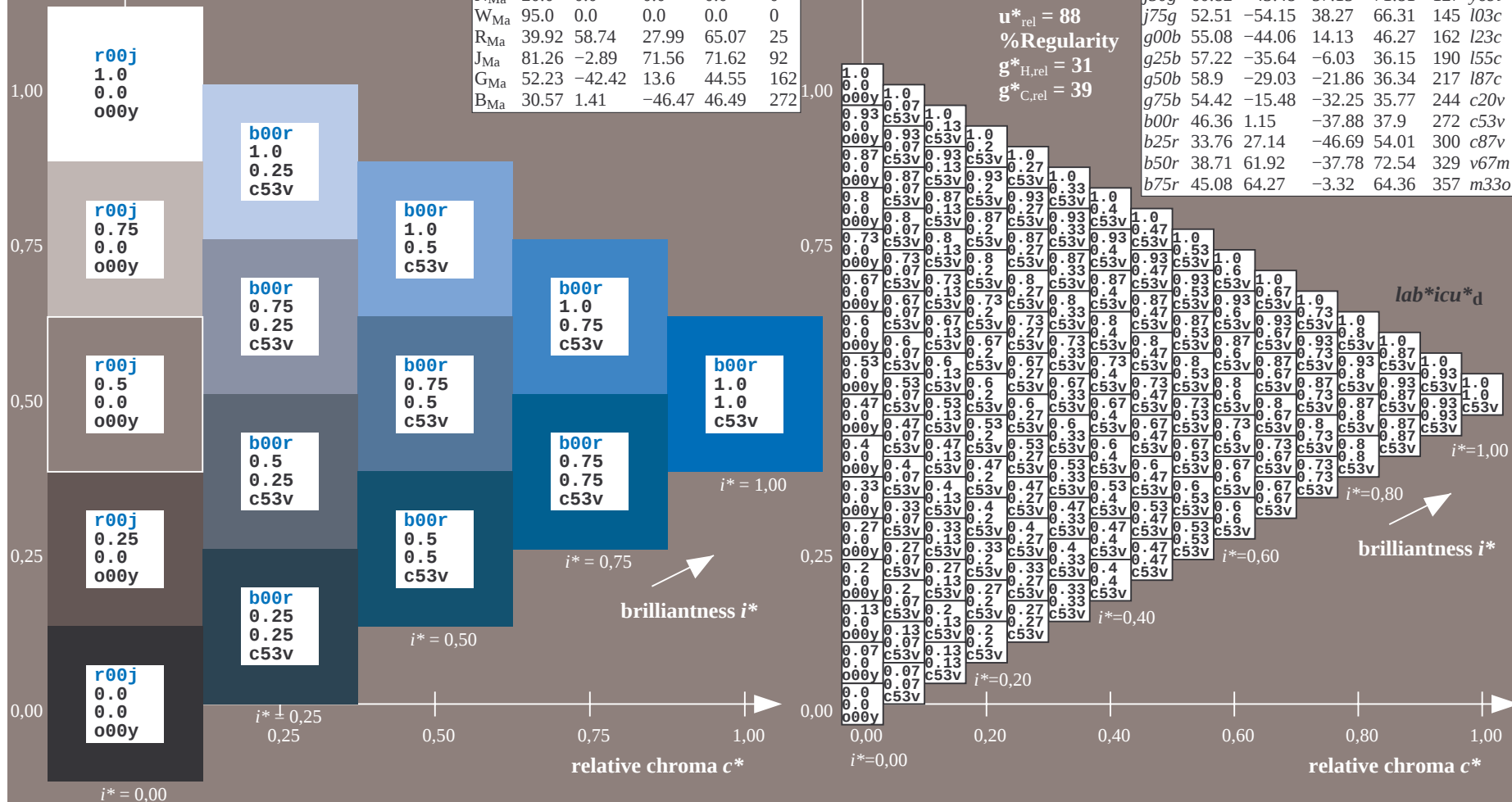
$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	44.18	56.95	27.14	63.08	25	m81o	
r25j	47.38	49.13	44.53	66.31	42	o10y	
r50j	57.76	35.24	58.41	68.22	59	o40y	
r75j	69.81	19.13	74.52	76.94	76	o69y	
j00g	87.06	-3.94	97.58	97.66	92	o98y	
j25g	72.25	-26.89	74.73	79.42	110	y34l	
j50g	60.82	-43.48	57.15	71.81	127	y69l	
j75g	52.51	-54.15	38.27	66.31	145	l03c	
g00b	55.08	-44.06	14.13	46.27	162	l23c	
g25b	57.22	-35.64	-6.03	36.15	190	l55c	
g50b	58.9	-29.03	-21.86	36.34	217	l87c	
g75b	54.42	-15.48	-32.25	35.77	244	c20v	
b00r	46.36	1.15	-37.88	37.9	272	c53v	
b25r	33.76	27.14	-46.69	54.01	300	c87v	
b50r	38.71	61.92	-37.78	72.54	329	v67m	
b75r	45.08	64.27	-3.32	64.36	357	m33o	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=20_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

lab^*tch^* and lab^*icu^*

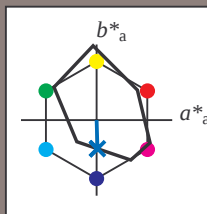
Hue texts:

$u^*_e = b00r$ $u^*_d = c53v$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95; CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31	
Y_M	87.58	-4.04	90.02	90.11	93	
L_M	51.95	-55.83	36.46	66.68	147	
C_M	59.62	-25.67	-35.94	44.17	234	
V_M	25.01	45.64	-58.96	74.57	308	
M_M	45.88	71.17	-36.79	80.12	333	
N_M	20.0	0.43	-5.99	6.01	274	
W_M	95.0	0.62	-8.52	8.54	274	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 46 \ 1 \ -38$

$LAB^*LCH^*_Ma: 46 \ 38 \ 271$

$lab^*rgb^*_Ma: 0.0 \ 0.0 \ 1.0$

$lab^*olv^*_Ma: 0.0 \ 0.47 \ 1.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data							
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	44.18	56.95	27.14	63.08	25	$m81o$	
$r25j$	47.38	49.13	44.53	66.31	42	$o10y$	
$r50j$	57.76	35.24	58.41	68.22	59	$o40y$	
$r75j$	69.81	19.13	74.52	76.94	76	$o69y$	
$j00g$	87.06	-3.94	97.58	97.66	92	$o98y$	
$j25g$	72.25	-26.89	74.73	79.42	110	$y34l$	
$j50g$	60.82	-43.48	57.15	71.81	127	$y69l$	
$j75g$	52.51	-54.15	38.27	66.31	145	$i03c$	
$g00b$	55.08	-44.06	14.13	46.27	162	$i23c$	
$g25b$	57.22	-35.64	-6.03	36.15	190	$i55c$	
$g50b$	58.9	-29.03	-21.86	36.34	217	$i87c$	
$g75b$	54.42	-15.48	-32.25	35.77	244	$c20v$	
$b00r$	46.36	1.15	-37.88	37.9	272	$c53v$	
$b25r$	33.76	27.14	-46.69	54.01	300	$c87v$	
$b50r$	38.71	61.92	-37.78	72.54	329	$v67m$	
$b75r$	45.08	64.27	-3.32	64.36	357	$m33o$	

LAB^*LAB^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

$i^* \pm 0,25$

$i^* = 0,50$

$i^* = 0,75$

$i^* = 1,00$

brilliantness i^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=20_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

lab^*tch^* and lab^*icu^*

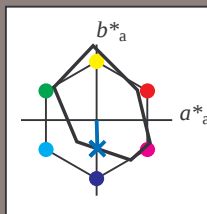
Hue texts:

$u^*_e = b00r$ $u^*_d = c53v$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31	
Y_M	87.58	-4.04	90.02	90.11	93	
L_M	51.95	-55.83	36.46	66.68	147	
C_M	59.62	-25.67	-35.94	44.17	234	
V_M	25.01	45.64	-58.96	74.57	308	
M_M	45.88	71.17	-36.79	80.12	333	
N_M	20.0	0.43	-5.99	6.01	274	
W_M	95.0	0.62	-8.52	8.54	274	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 46 1 -38

$LAB^*LCH^*_{Ma}$: 46 38 271

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	44.18	56.95	27.14	63.08	25	$m81o$
$r25j$	47.38	49.13	44.53	66.31	42	$o10y$
$r50j$	57.76	35.24	58.41	68.22	59	$o40y$
$r75j$	69.81	19.13	74.52	76.94	76	$o69y$
$j00g$	87.06	-3.94	97.58	97.66	92	$o98y$
$j25g$	72.25	-26.89	74.73	79.42	110	$y34l$
$j50g$	60.82	-43.48	57.15	71.81	127	$y69l$
$j75g$	52.51	-54.15	38.27	66.31	145	$i03c$
$g00b$	55.08	-44.06	14.13	46.27	162	$i23c$
$g25b$	57.22	-35.64	-6.03	36.15	190	$i55c$
$g50b$	58.9	-29.03	-21.86	36.34	217	$i87c$
$g75b$	54.42	-15.48	-32.25	35.77	244	$c20v$
$b00r$	46.36	1.15	-37.88	37.9	272	$c53v$
$b25r$	33.76	27.14	-46.69	54.01	300	$c87v$
$b50r$	38.71	61.92	-37.78	72.54	329	$v67m$
$b75r$	45.08	64.27	-3.32	64.36	357	$m33o$

$u^*_e = b00r$

lab^*olv^*

lab^*olv^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=20.95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

lab^*tch^* and lab^*icu^*

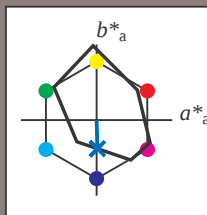
Hue texts:

$u_e^* = b00r$ $u_d^* = c53v$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; CIELAB data

	u_e^*	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31	
Y_M	87.58	-4.04	90.02	90.11	93	
L_M	51.95	-55.83	36.46	66.68	147	
C_M	59.62	-25.67	-35.94	44.17	234	
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R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 46 1 -38

$LAB^*LCH^*_{Ma}$: 46 38 271

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	44.18	56.95	27.14	63.08	25	$m81o$
$r25j$	47.38	49.13	44.53	66.31	42	$o10y$
$r50j$	57.76	35.24	58.41	68.22	59	$o40y$
$r75j$	69.81	19.13	74.52	76.94	76	$o69y$
$j00g$	87.06	-3.94	97.58	97.66	92	$o98y$
$j25g$	72.25	-26.89	74.73	79.42	110	$y34l$
$j50g$	60.82	-43.48	57.15	71.81	127	$y69l$
$j75g$	52.51	-54.15	38.27	66.31	145	$i03c$
$g00b$	55.08	-44.06	14.13	46.27	162	$i23c$
$g25b$	57.22	-35.64	-6.03	36.15	190	$i55c$
$g50b$	58.9	-29.03	-21.86	36.34	217	$i87c$
$g75b$	54.42	-15.48	-32.25	35.77	244	$c20v$
$b00r$	46.36	1.15	-37.88	37.9	272	$c53v$
$b25r$	33.76	27.14	-46.69	54.01	300	$c87v$
$b50r$	38.71	61.92	-37.78	72.54	329	$v67m$
$b75r$	45.08	64.27	-3.32	64.36	357	$m33o$

$u_e^* = b00r$

LAB^*cmyn^*

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$