

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=20_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

$u^*_d = o00y$

data for any colour:

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

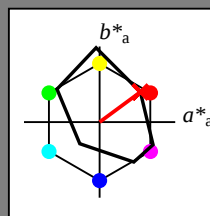
Hue texts:

$u^*_d = o00y$ $u^*_e = r16j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	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	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40

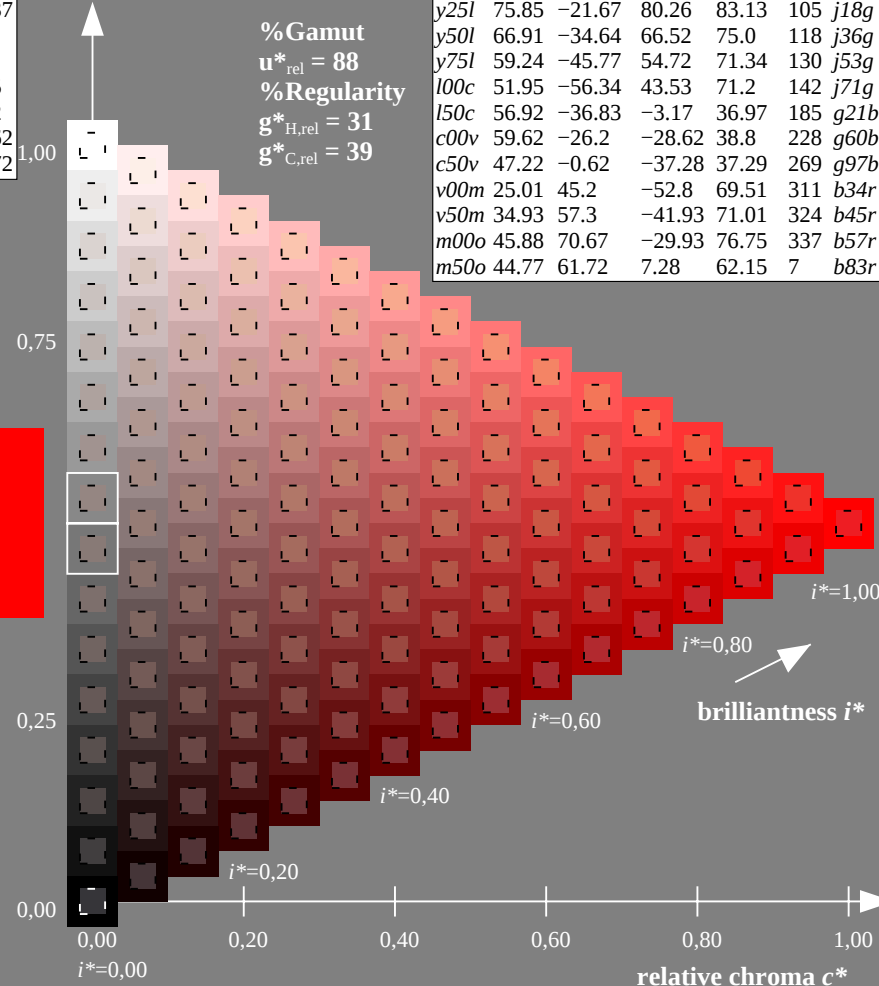
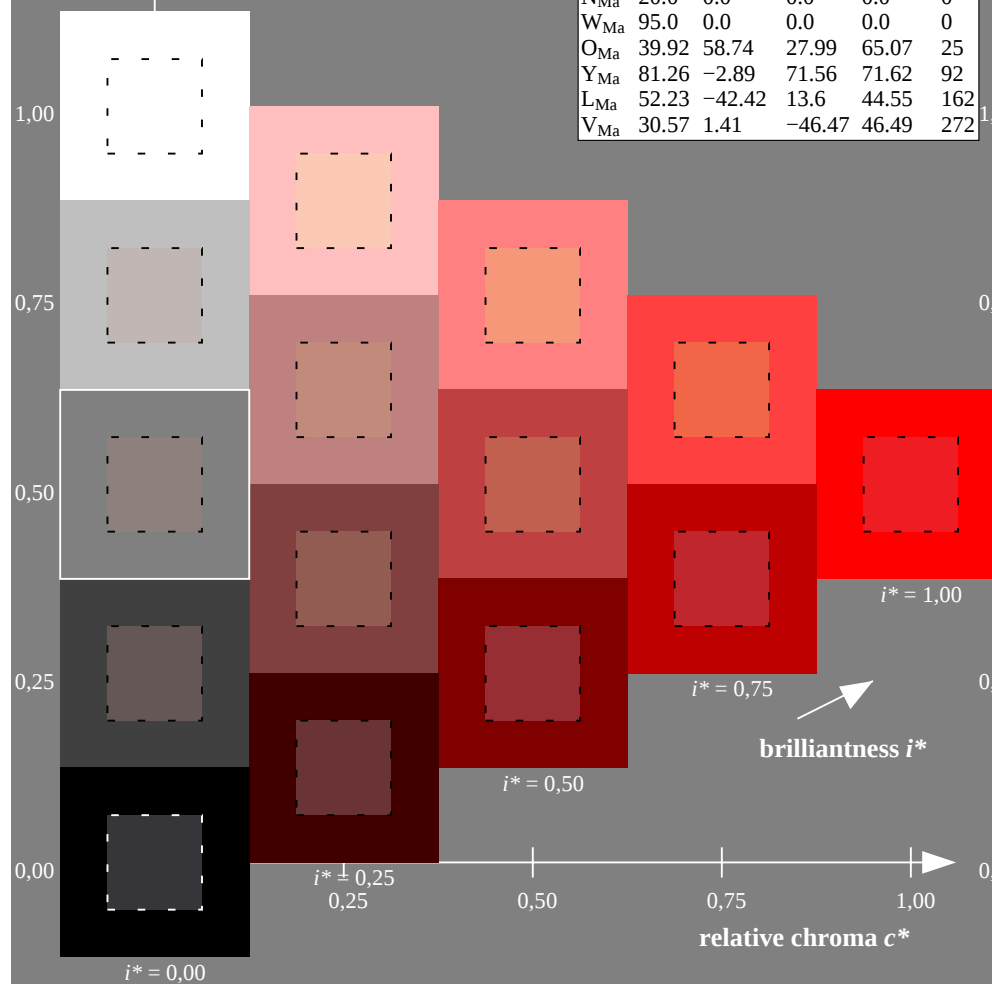
$LAB^*LCH^*_{Ma}$: 44 67 36

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

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	43.8	53.91	39.75	66.98	36	<i>r16j</i>	
<i>o25y</i>	52.46	42.34	51.32	66.53	50	<i>r37j</i>	
<i>o50y</i>	61.53	30.2	63.46	70.28	65	<i>r58j</i>	
<i>o75y</i>	72.39	15.68	77.97	79.53	79	<i>r79j</i>	
<i>y00l</i>	87.58	-4.65	98.29	98.4	93	<i>j01g</i>	
<i>y25l</i>	75.85	-21.67	80.26	83.13	105	<i>j18g</i>	
<i>y50l</i>	66.91	-34.64	66.52	75.0	118	<i>j36g</i>	
<i>y75l</i>	59.24	-45.77	54.72	71.34	130	<i>j53g</i>	
<i>l00c</i>	51.95	-56.34	43.53	71.2	142	<i>j71g</i>	
<i>l50c</i>	56.92	-36.83	-3.17	36.97	185	<i>g21b</i>	
<i>c00v</i>	59.62	-26.2	-28.62	38.8	228	<i>g60b</i>	
<i>c50v</i>	47.22	-0.62	-37.28	37.29	269	<i>g97b</i>	
<i>v00m</i>	25.01	45.2	-52.8	69.51	311	<i>b34r</i>	
<i>v50m</i>	34.93	57.3	-41.93	71.01	324	<i>b45r</i>	
<i>m00o</i>	45.88	70.67	-29.93	76.75	337	<i>b57r</i>	
<i>m50o</i>	44.77	61.72	7.28	62.15	7	<i>b83r</i>	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=20_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

$u^*_d = o00y$

data for any colour:

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

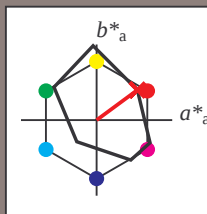
Hue texts:

$u^*_d = o00y$ $u^*_e = r16j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	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
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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
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
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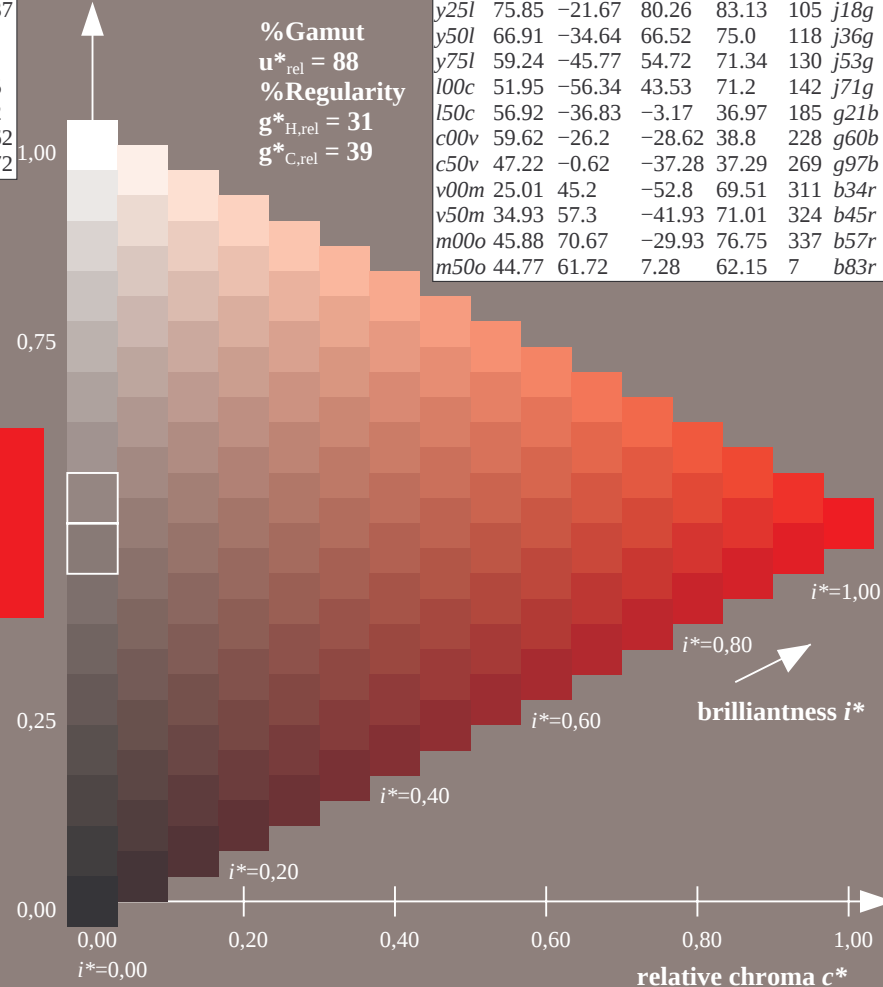
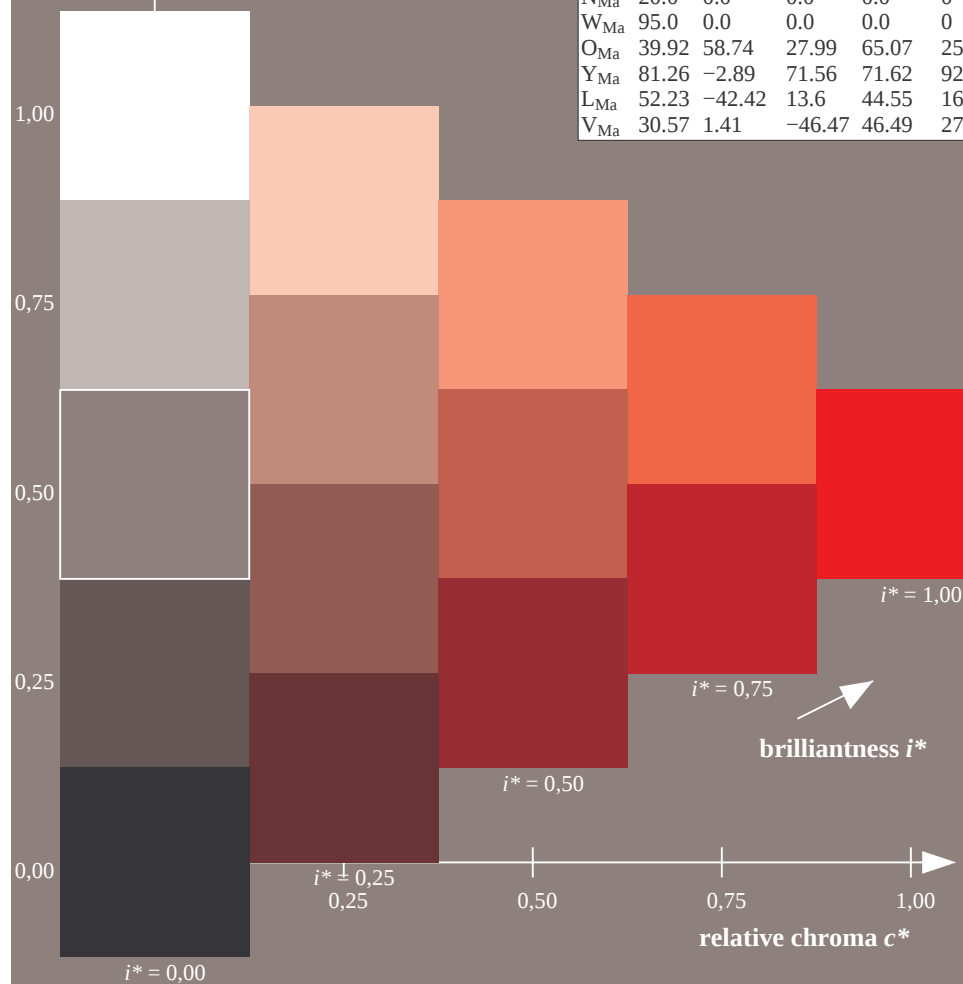
$LAB^*LCH^*_{Ma}$: 44 67 36

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

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	43.8	53.91	39.75	66.98	36	<i>r16j</i>
<i>o25y</i>	52.46	42.34	51.32	66.53	50	<i>r37j</i>
<i>o50y</i>	61.53	30.2	63.46	70.28	65	<i>r58j</i>
<i>o75y</i>	72.39	15.68	77.97	79.53	79	<i>r79j</i>
<i>y00l</i>	87.58	-4.65	98.29	98.4	93	<i>j01g</i>
<i>y25l</i>	75.85	-21.67	80.26	83.13	105	<i>j18g</i>
<i>y50l</i>	66.91	-34.64	66.52	75.0	118	<i>j36g</i>
<i>y75l</i>	59.24	-45.77	54.72	71.34	130	<i>j53g</i>
<i>l00c</i>	51.95	-56.34	43.53	71.2	142	<i>j71g</i>
<i>l50c</i>	56.92	-36.83	-3.17	36.97	185	<i>g21b</i>
<i>c00v</i>	59.62	-26.2	-28.62	38.8	228	<i>g60b</i>
<i>c50v</i>	47.22	-0.62	-37.28	37.29	269	<i>g97b</i>
<i>v00m</i>	25.01	45.2	-52.8	69.51	311	<i>b34r</i>
<i>v50m</i>	34.93	57.3	-41.93	71.01	324	<i>b45r</i>
<i>m00o</i>	45.88	70.67	-29.93	76.75	337	<i>b57r</i>
<i>m50o</i>	44.77	61.72	7.28	62.15	7	<i>b83r</i>



$u^*_d = o00y$
 lab^*olv^*

A diagram of a hexagonal lattice. A red vector labeled a^*_a points from the center to the right. A black vector labeled b^*_a points from the center to the top. The lattice is represented by a hexagon with internal lines connecting the midpoints of opposite sides.

$$u_d^* = 000y \quad u_e^* = r16j$$
 $c_P = 0.9$ triangle lightness t^*

FRS12_95a; adapted (a) CIELAB data						
	u_d^*	$L^*=L_a^*$	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
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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
O _{Ma}	39.92	58.74		27.99	65.07	25
Y _{Ma}	81.26	-2.89		71.56	71.62	92
L _{Ma}	52.23	-42.42		13.6	44.55	162
V _{Ma}	30.57	1.41		-46.47	46.49	272

*LAB*LAB**_{Ma}: 44 54 40

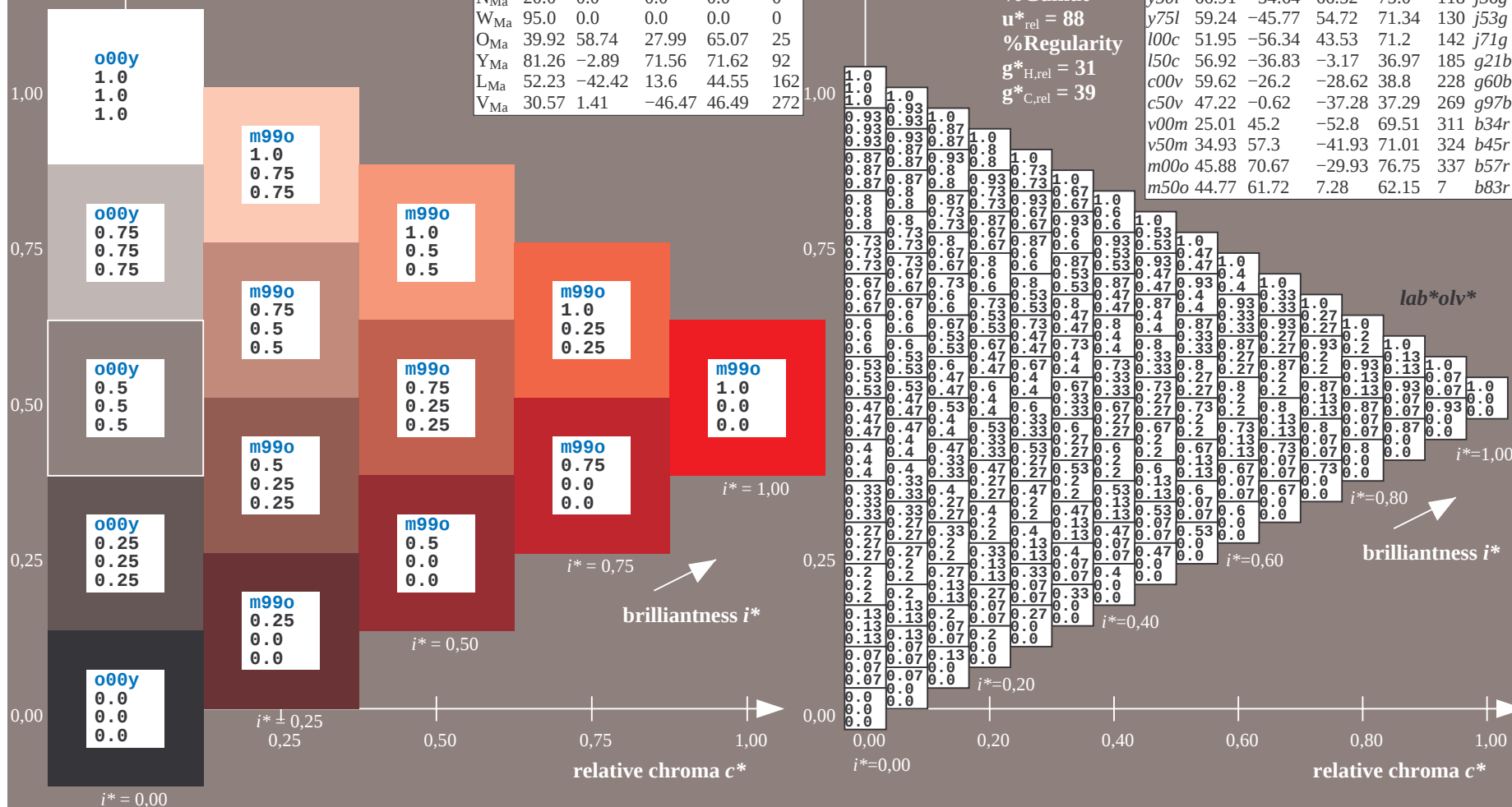
LAB*LCH*Ma: 44 67 36

*lab*oly**Ma: 1.0 0.0 0.0

lab*rag*Ma: 1.0 0.16 0.0

triangle lightness t^*

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	43.8	53.91	39.75	66.98	36	<i>r16i</i>	
<i>o25y</i>	52.46	42.34	51.32	66.53	50	<i>r37j</i>	
<i>o50y</i>	61.53	30.2	63.46	70.28	65	<i>r58j</i>	
<i>o75y</i>	72.39	15.68	77.97	79.53	79	<i>r79j</i>	
<i>y00l</i>	87.58	-4.65	98.29	98.4	93	<i>j01g</i>	
<i>y25l</i>	75.85	-21.67	80.26	83.13	105	<i>j18g</i>	
<i>y50l</i>	66.91	-34.64	66.52	75.0	118	<i>j36g</i>	
<i>y75l</i>	59.24	-45.77	54.72	71.34	130	<i>j53g</i>	
<i>l00c</i>	51.95	-56.34	43.53	71.2	142	<i>j71g</i>	
<i>l50c</i>	56.92	-36.83	-3.17	36.97	185	<i>g21b</i>	
<i>c00v</i>	59.62	-26.2	-28.62	38.8	228	<i>g60b</i>	
<i>c50v</i>	47.22	-0.62	-37.28	37.29	269	<i>g97b</i>	
<i>v00m</i>	25.01	45.2	-52.8	69.51	311	<i>b34r</i>	
<i>v50m</i>	34.93	57.3	-41.93	71.01	324	<i>b45r</i>	
<i>m00o</i>	45.88	70.67	-29.93	76.75	337	<i>b57r</i>	
<i>m50o</i>	44.77	61.72	7.28	62.15	7	<i>b83r</i>	



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data for any colour:

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

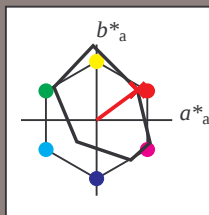
Hue texts:

$u^*_d = o00y$ $u^*_e = r16j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
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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
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	-2.89	71.56	71.62	92
L_{Ma}	52.23	-42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40

$LAB^*LCH^*_{Ma}$: 44 67 36

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

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

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

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

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	43.8	53.91	39.75	66.98	36	$r16j$
$o25y$	52.46	42.34	51.32	66.53	50	$r37j$
$o50y$	61.53	30.2	63.46	70.28	65	$r58j$
$o75y$	72.39	15.68	77.97	79.53	79	$r79j$
$y00l$	87.58	-4.65	98.29	98.4	93	$j01g$
$y25l$	75.85	-21.67	80.26	83.13	105	$j18g$
$y50l$	66.91	-34.64	66.52	75.0	118	$j36g$
$y75l$	59.24	-45.77	54.72	71.34	130	$j53g$
$l00c$	51.95	-56.34	43.53	71.2	142	$j71g$
$l50c$	56.92	-36.83	-3.17	36.97	185	$g21b$
$c00v$	59.62	-26.2	-28.62	38.8	228	$g60b$
$c50v$	47.22	-0.62	-37.28	37.29	269	$g97b$
$v00m$	25.01	45.2	-52.8	69.51	311	$b34r$
$v50m$	34.93	57.3	-41.93	71.01	324	$b45r$
$m00o$	45.88	70.67	-29.93	76.75	337	$b57r$
$m50o$	44.77	61.72	7.28	62.15	7	$b83r$

$u^*_d = o00y$

lab^*rgb^*

lab^*rgb^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

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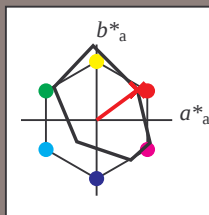
Hue texts:

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contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



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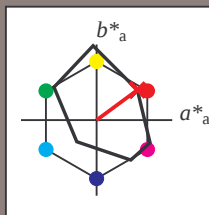
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<i>o50y</i>	61.53	30.2	63.46	70.28	65	<i>r58j</i>
<i>o75y</i>	72.39	15.68	77.97	79.53	79	<i>r79j</i>
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<i>y75l</i>	59.24	-45.77	54.72	71.34	130	<i>j53g</i>
<i>l00c</i>	51.95	-56.34	43.53	71.2	142	<i>j71g</i>
<i>l50c</i>	56.92	-36.83	-3.17	36.97	185	<i>g21b</i>
<i>c00v</i>	59.62	-26.2	-28.62	38.8	228	<i>g60b</i>
<i>c50v</i>	47.22	-0.62	-37.28	37.29	269	<i>g97b</i>
<i>v00m</i>	25.01	45.2	-52.8	69.51	311	<i>b34r</i>
<i>v50m</i>	34.93	57.3	-41.93	71.01	324	<i>b45r</i>
<i>m00o</i>	45.88	70.67	-29.93	76.75	337	<i>b57r</i>
<i>m50o</i>	44.77	61.72	7.28	62.15	7	<i>b83r</i>

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

$i^*=1,00$

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 $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

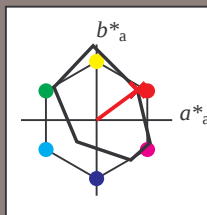
Hue texts:

$u^*_d = o00y$ $u^*_e = r16j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	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	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40

$LAB^*LCH^*_{Ma}$: 44 67 36

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

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

% Gamut

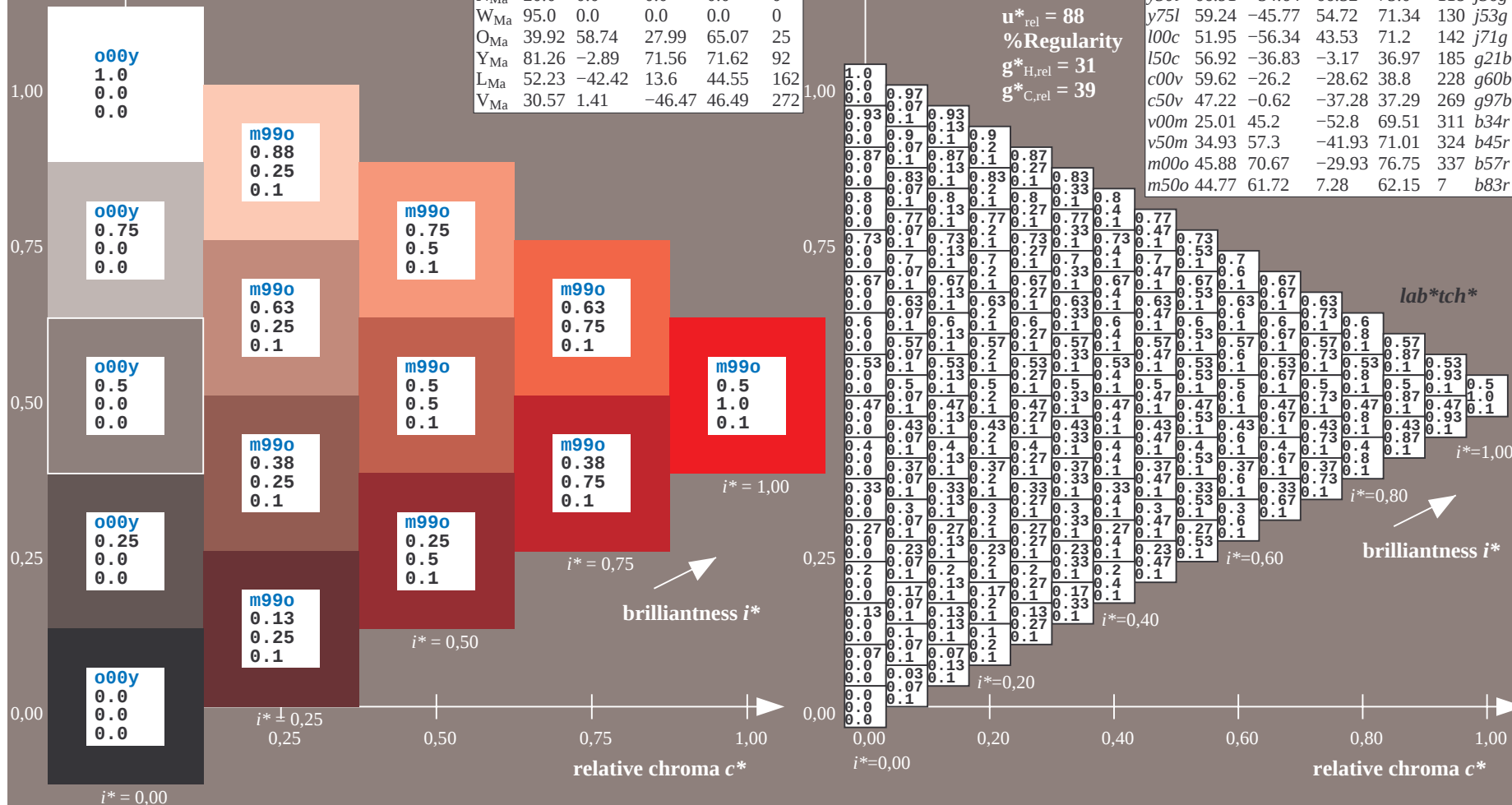
$u^*_{rel} = 88$

% Regularity

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

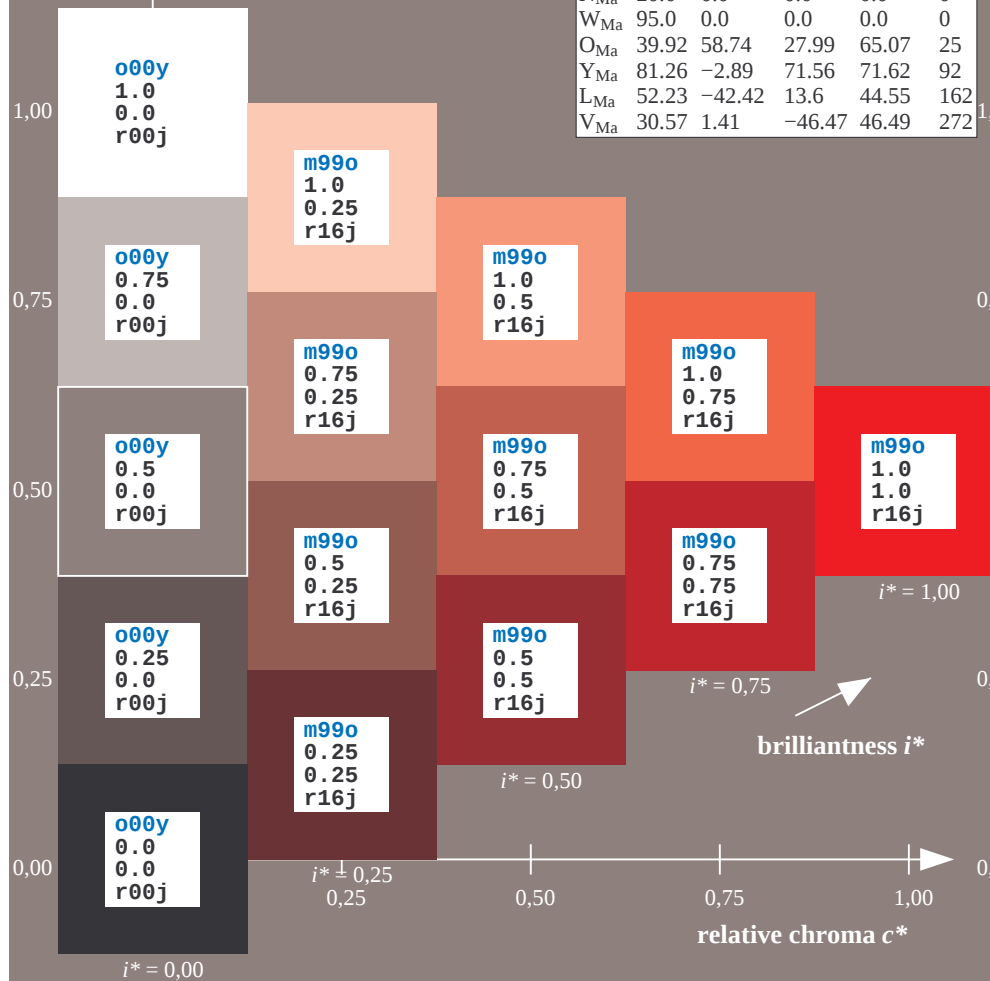
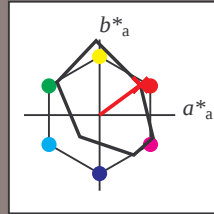
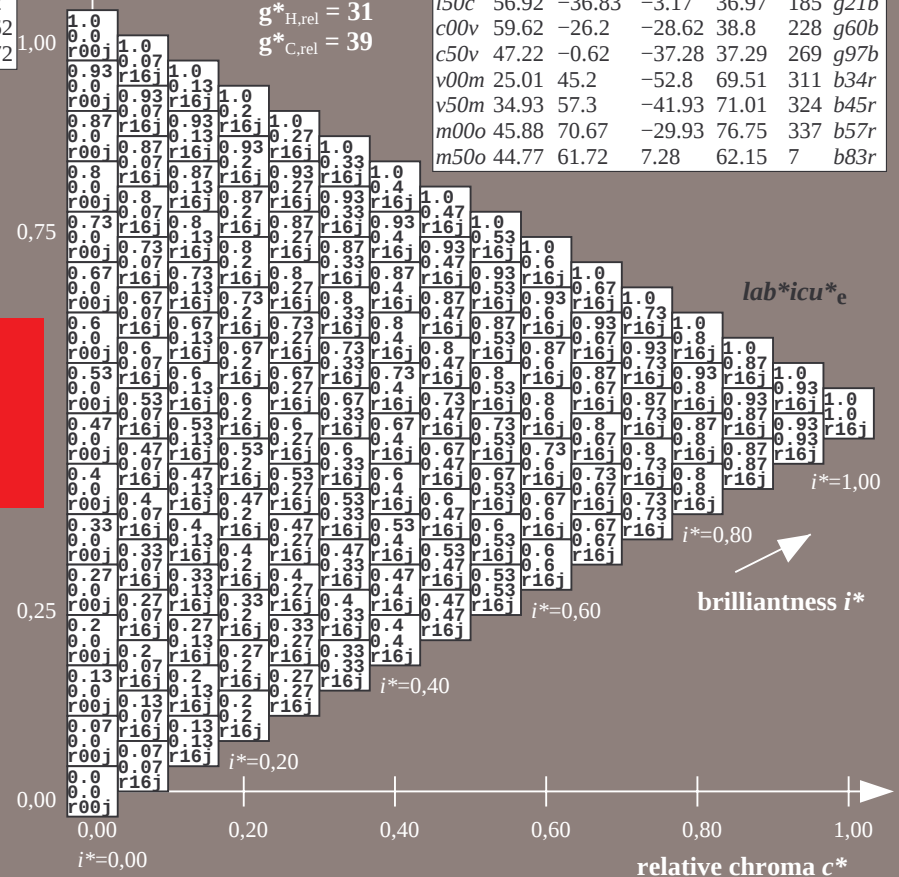
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	43.8	53.91	39.75	66.98	36	<i>r16j</i>	
<i>o25y</i>	52.46	42.34	51.32	66.53	50	<i>r37j</i>	
<i>o50y</i>	61.53	30.2	63.46	70.28	65	<i>r58j</i>	
<i>o75y</i>	72.39	15.68	77.97	79.53	79	<i>r79j</i>	
<i>y00l</i>	87.58	-4.65	98.29	98.4	93	<i>j01g</i>	
<i>y25l</i>	75.85	-21.67	80.26	83.13	105	<i>j18g</i>	
<i>y50l</i>	66.91	-34.64	66.52	75.0	118	<i>j36g</i>	
<i>y75l</i>	59.24	-45.77	54.72	71.34	130	<i>j53g</i>	
<i>l00c</i>	51.95	-56.34	43.53	71.2	142	<i>j71g</i>	
<i>l50c</i>	56.92	-36.83	-3.17	36.97	185	<i>g21b</i>	
<i>c00v</i>	59.62	-26.2	-28.62	38.8	228	<i>g60b</i>	
<i>c50v</i>	47.22	-0.62	-37.28	37.29	269	<i>g97b</i>	
<i>v00m</i>	25.01	45.2	-52.8	69.51	311	<i>b34r</i>	
<i>v50m</i>	34.93	57.3	-41.93	71.01	324	<i>b45r</i>	
<i>m00o</i>	45.88	70.67	-29.93	76.75	337	<i>b57r</i>	
<i>m50o</i>	44.77	61.72	7.28	62.15	7	<i>b83r</i>	



$u^*_d = o00y$
 $lab^*icu^*_e$

FRS12_95a; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	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
O _{Ma}	39.92	58.74		27.99	65.07	25
Y _{Ma}	81.26	-2.89		71.56	71.62	92
L _{Ma}	52.23	-42.42		13.6	44.55	162
V _{Ma}	30.57	1.41		-46.47	46.49	272

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


Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=20_{95}$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

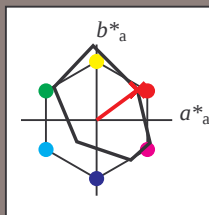
Hue texts:

$u^*_d = o00y$ $u^*_e = r16j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95; CIELAB data

	u^*_d	$L^*=L^*$	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	
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	
O_M	39.92	58.74	27.99	65.07	25	
Y_M	81.26	-2.89	71.56	71.62	92	
L_M	52.23	-42.42	13.6	44.55	162	
V_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40

$LAB^*LCH^*_{Ma}$: 44 67 36

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

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

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

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

FRS12_95a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	43.8	53.91	39.75	66.98	36	$r16j$	
$o25y$	52.46	42.34	51.32	66.53	50	$r37j$	
$o50y$	61.53	30.2	63.46	70.28	65	$r58j$	
$o75y$	72.39	15.68	77.97	79.53	79	$r79j$	
$y00l$	87.58	-4.65	98.29	98.4	93	$j01g$	
$y25l$	75.85	-21.67	80.26	83.13	105	$j18g$	
$y50l$	66.91	-34.64	66.52	75.0	118	$j36g$	
$y75l$	59.24	-45.77	54.72	71.34	130	$j53g$	
$l00c$	51.95	-56.34	43.53	71.2	142	$j71g$	
$l50c$	56.92	-36.83	-3.17	36.97	185	$g21b$	
$c00v$	59.62	-26.2	-28.62	38.8	228	$g60b$	
$c50v$	47.22	-0.62	-37.28	37.29	269	$g97b$	
$v00m$	25.01	45.2	-52.8	69.51	311	$b34r$	
$v50m$	34.93	57.3	-41.93	71.01	324	$b45r$	
$m00o$	45.88	70.67	-29.93	76.75	337	$b57r$	
$m50o$	44.77	61.72	7.28	62.15	7	$b83r$	

LAB^*LAB^*

$i^*=1,00$

$i^*=0,80$

brilliantness i^*

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

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 $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

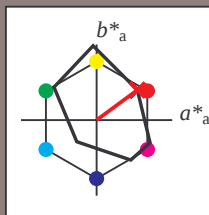
Hue texts:

$u^*_d = o00y$ $u^*_e = r16j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	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
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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
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	-2.89	71.56	71.62	92
L_M	52.23	-42.42	13.6	44.55	162
V_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40

$LAB^*LCH^*_{Ma}$: 44 67 36

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

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	43.8	53.91	39.75	66.98	36	$r16j$
$o25y$	52.46	42.34	51.32	66.53	50	$r37j$
$o50y$	61.53	30.2	63.46	70.28	65	$r58j$
$o75y$	72.39	15.68	77.97	79.53	79	$r79j$
$y00l$	87.58	-4.65	98.29	98.4	93	$j01g$
$y25l$	75.85	-21.67	80.26	83.13	105	$j18g$
$y50l$	66.91	-34.64	66.52	75.0	118	$j36g$
$y75l$	59.24	-45.77	54.72	71.34	130	$j53g$
$l00c$	51.95	-56.34	43.53	71.2	142	$j71g$
$l50c$	56.92	-36.83	-3.17	36.97	185	$g21b$
$c00v$	59.62	-26.2	-28.62	38.8	228	$g60b$
$c50v$	47.22	-0.62	-37.28	37.29	269	$g97b$
$v00m$	25.01	45.2	-52.8	69.51	311	$b34r$
$v50m$	34.93	57.3	-41.93	71.01	324	$b45r$
$m00o$	45.88	70.67	-29.93	76.75	337	$b57r$
$m50o$	44.77	61.72	7.28	62.15	7	$b83r$

$u^*_d = o00y$

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 $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

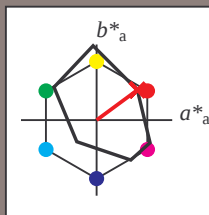
Hue texts:

$u^*_d = o00y$ $u^*_e = r16j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
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L_M	51.95	-55.83	36.46	66.68	147
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W_M	95.0	0.62	-8.52	8.54	274
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L_M	52.23	-42.42	13.6	44.55	162
V_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40

$LAB^*LCH^*_{Ma}$: 44 67 36

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

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	43.8	53.91	39.75	66.98	36	$r16j$
$o25y$	52.46	42.34	51.32	66.53	50	$r37j$
$o50y$	61.53	30.2	63.46	70.28	65	$r58j$
$o75y$	72.39	15.68	77.97	79.53	79	$r79j$
$y00l$	87.58	-4.65	98.29	98.4	93	$j01g$
$y25l$	75.85	-21.67	80.26	83.13	105	$j18g$
$y50l$	66.91	-34.64	66.52	75.0	118	$j36g$
$y75l$	59.24	-45.77	54.72	71.34	130	$j53g$
$l00c$	51.95	-56.34	43.53	71.2	142	$j71g$
$l50c$	56.92	-36.83	-3.17	36.97	185	$g21b$
$c00v$	59.62	-26.2	-28.62	38.8	228	$g60b$
$c50v$	47.22	-0.62	-37.28	37.29	269	$g97b$
$v00m$	25.01	45.2	-52.8	69.51	311	$b34r$
$v50m$	34.93	57.3	-41.93	71.01	324	$b45r$
$m00o$	45.88	70.67	-29.93	76.75	337	$b57r$
$m50o$	44.77	61.72	7.28	62.15	7	$b83r$

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^*

$i^* = 0,00$