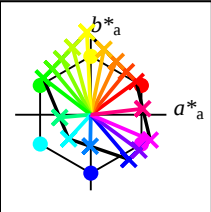


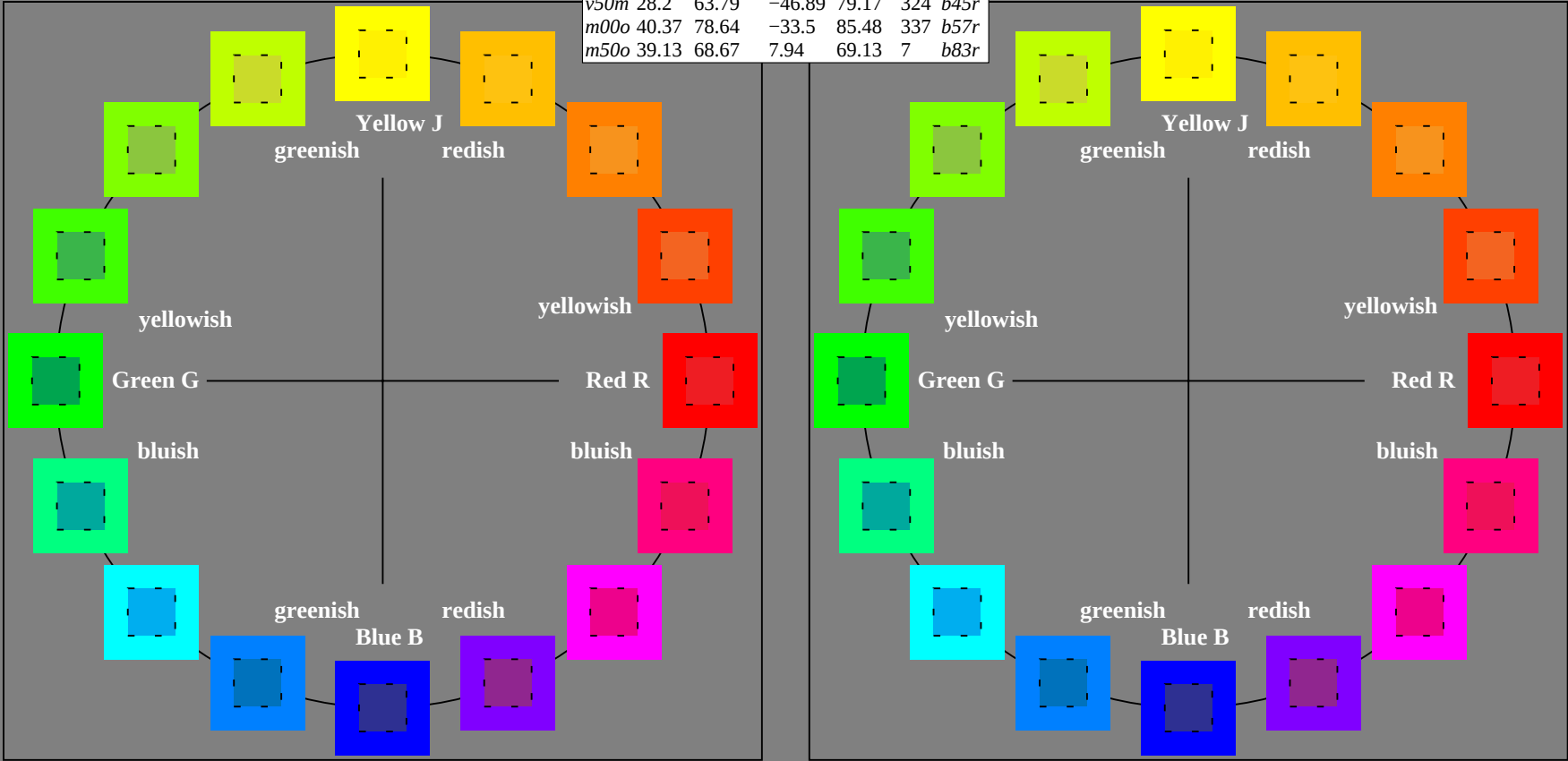
Input and output:
Colorimetric Printer Reflective System FRS12_95a
data for any colour:
 u^*_d and number $no.$ = 00 .. 15
device hue text:
 $u^*_d = 16$ hues $o00y, o25y, ..., m50o$
contrast reduction factor:
 $c_R = 1.0$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	38.06	60.0	44.0	74.4	36
Y_{Ma}	86.77	-5.17	109.32	109.44	93
L_{Ma}	47.13	-62.67	48.24	79.09	142
C_{Ma}	55.66	-29.14	-31.99	43.27	228
V_{Ma}	17.15	50.3	-59.04	77.57	310
M_{Ma}	40.37	78.64	-33.5	85.48	337
N_{Ma}	11.58	0.0	0.0	0.0	0
W_{Ma}	95.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

$u^*_d = o00y$

data for any colour:

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

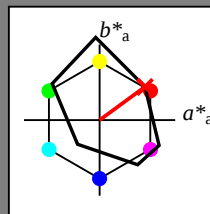
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 38 60 44

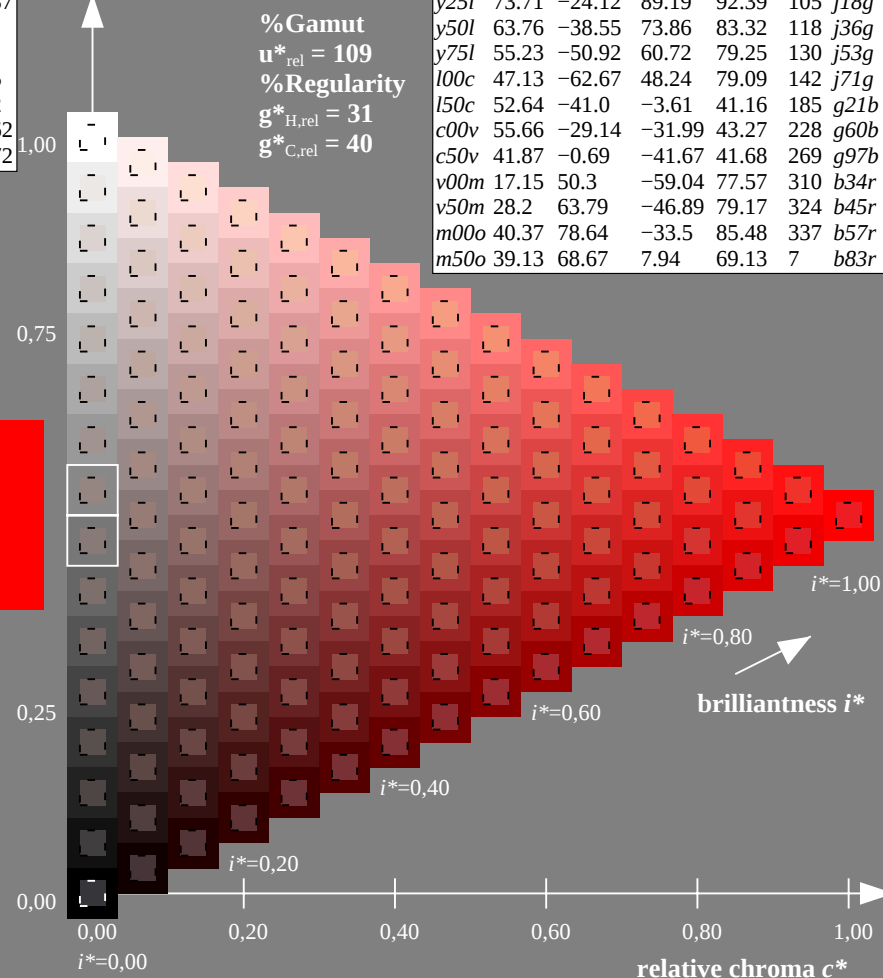
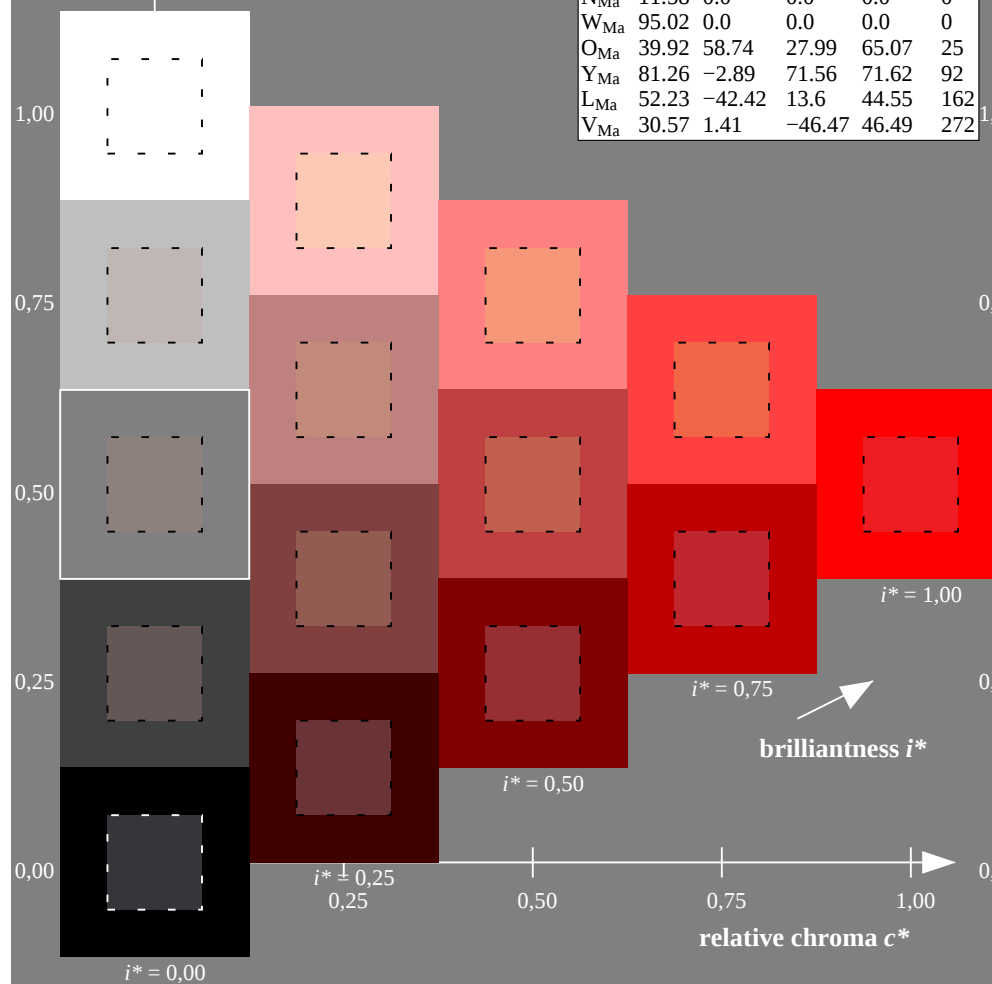
$LAB^*LCH^*_{Ma}$: 38 74 36

$lab^*olv^*_{Ma}$: 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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

$u^*_d = o25y$

data for any colour:

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

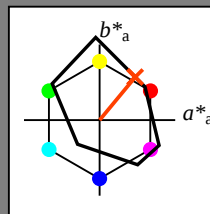
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 48 47 57

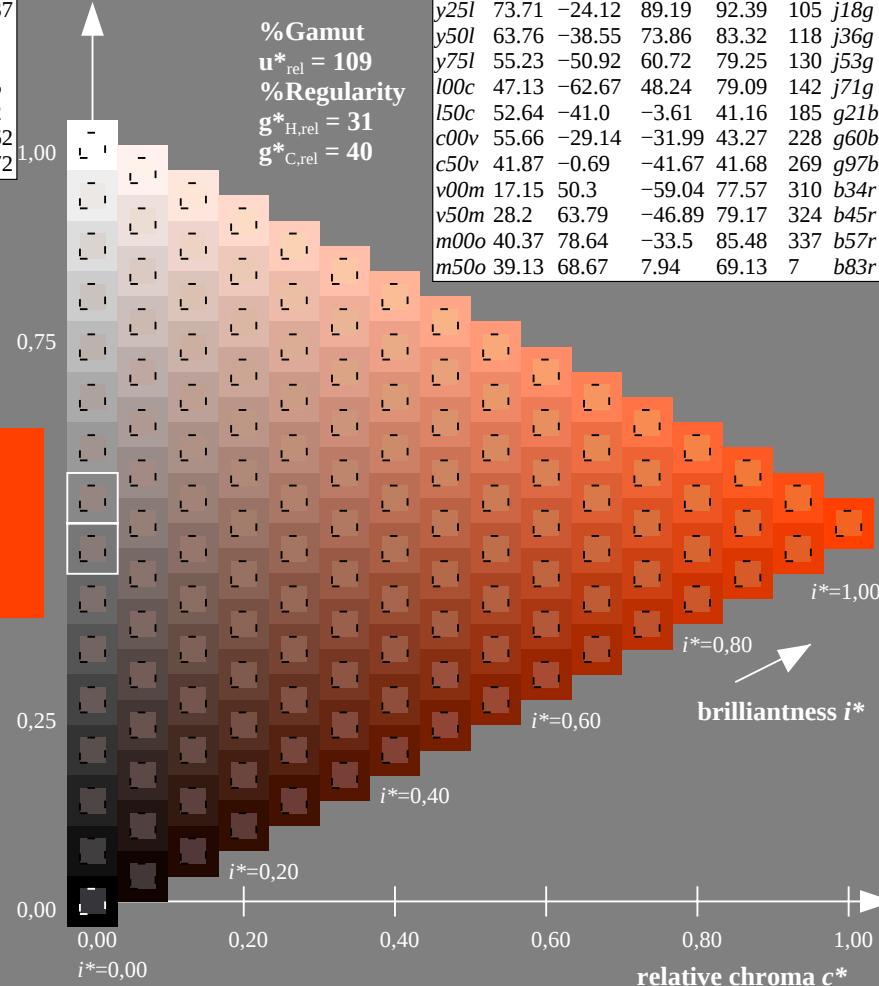
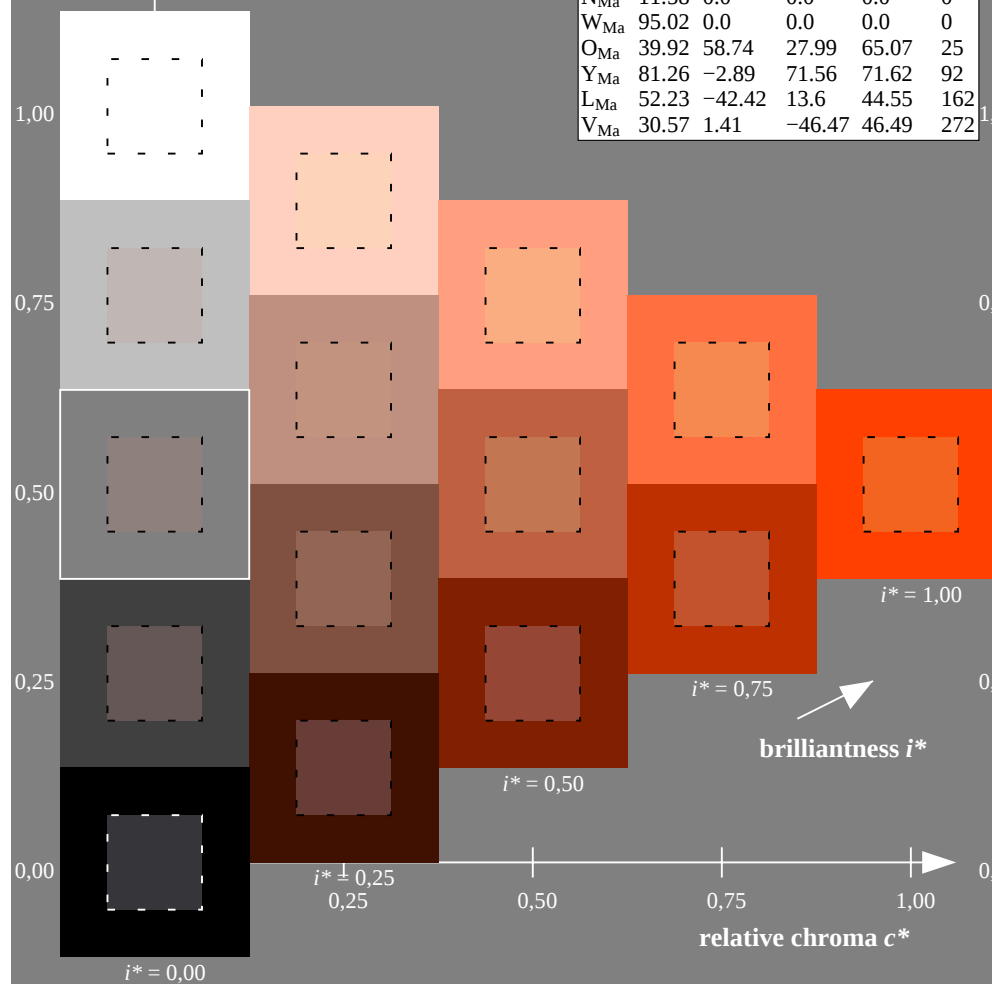
$LAB^*LCH^*_{Ma}$: 48 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

$u^*_d = o50y$

data for any colour:

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

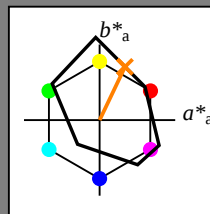
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 58 34 70

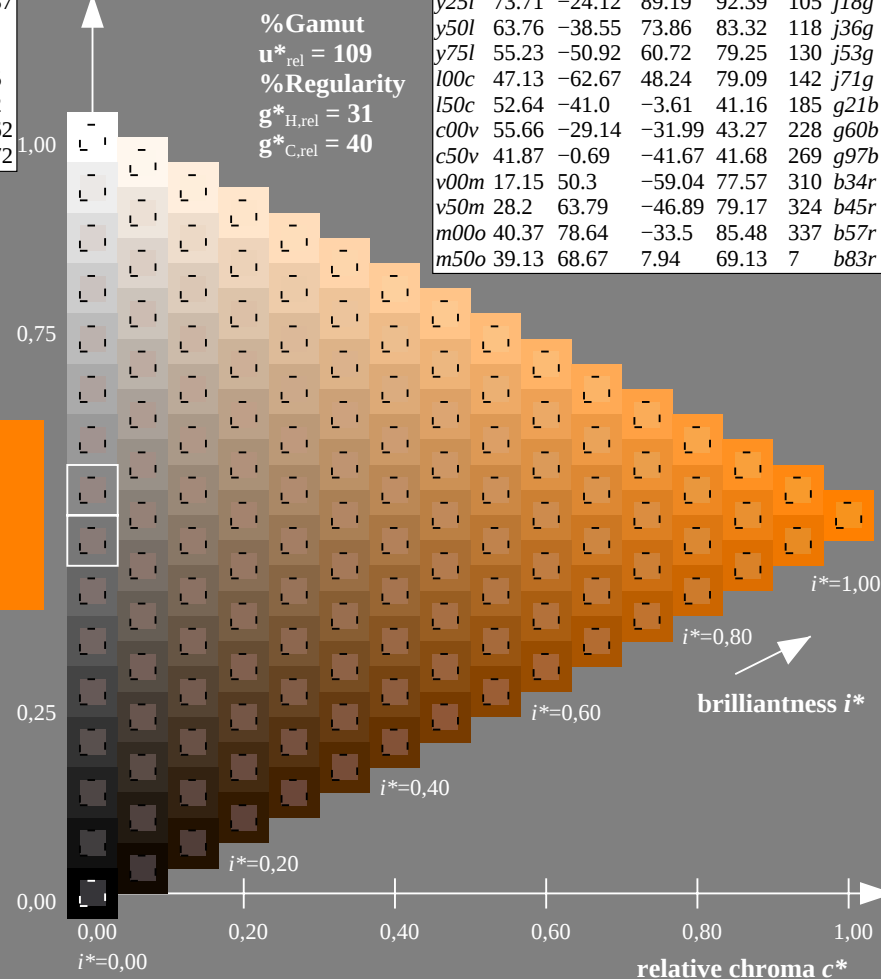
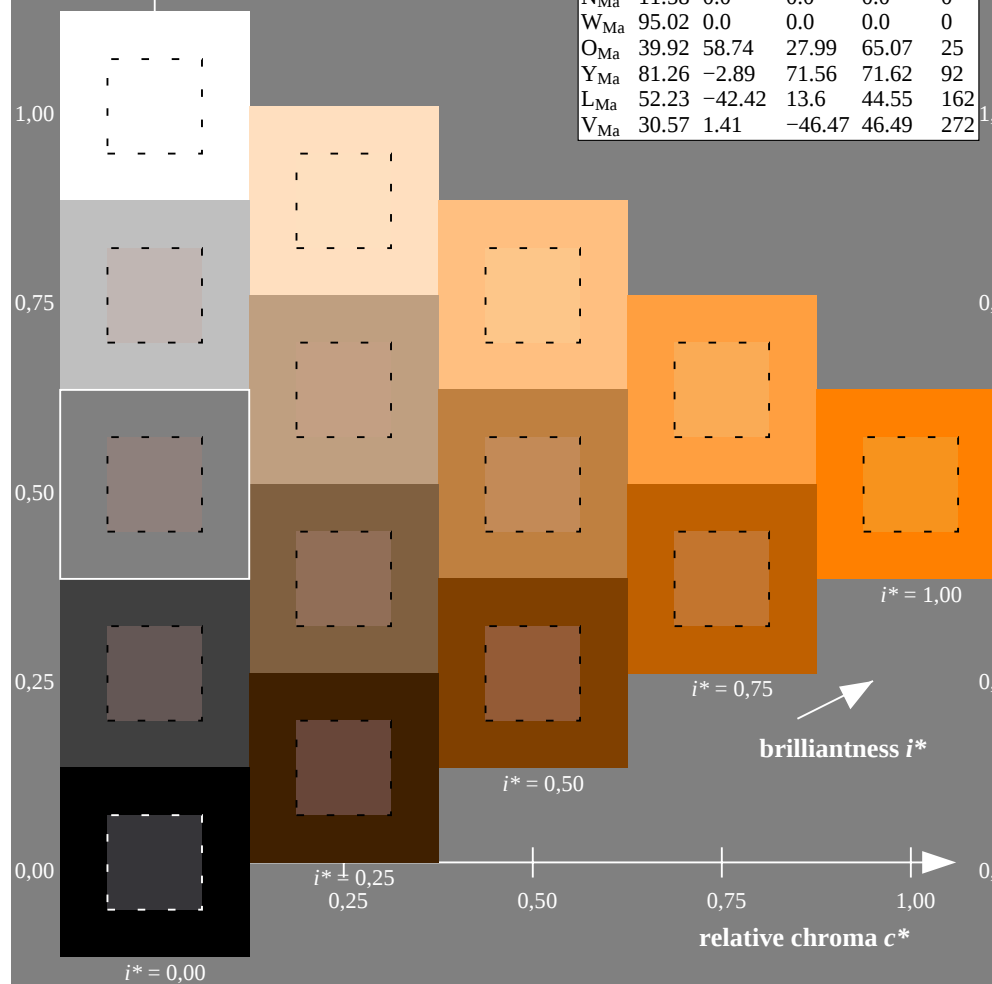
$LAB^*LCH^*_{Ma}$: 58 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

$u^*_d = o75y$

data for any colour:

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

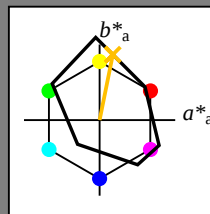
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 70 17 87

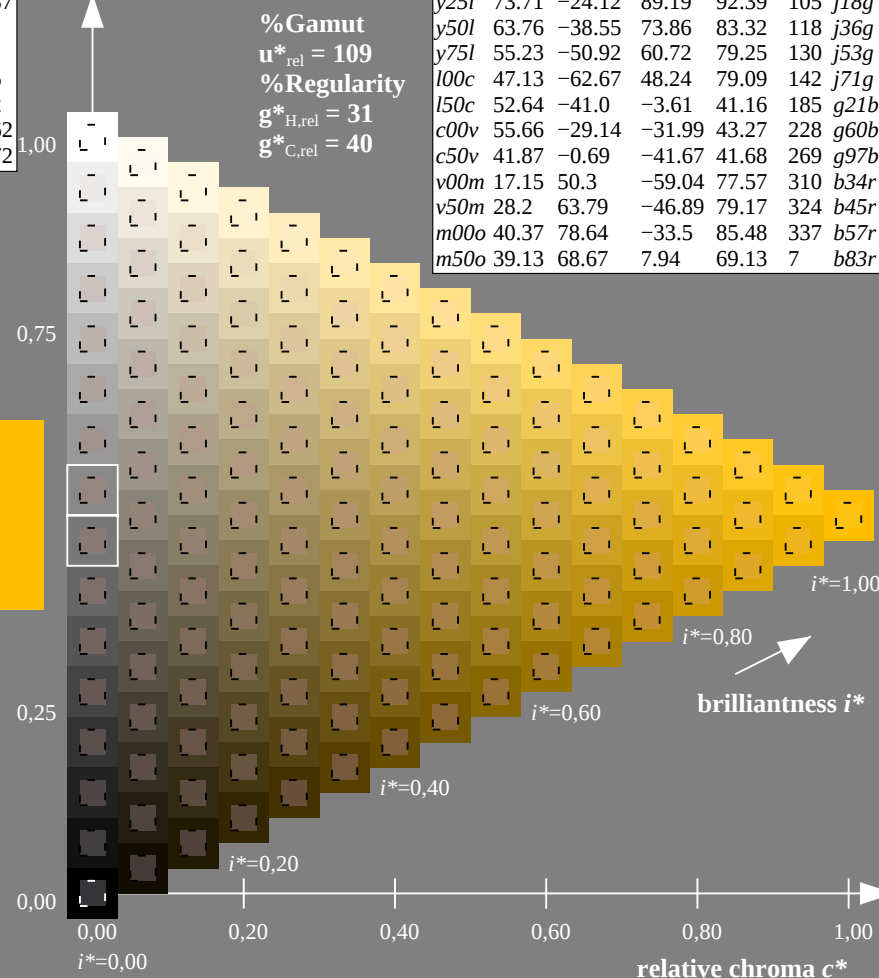
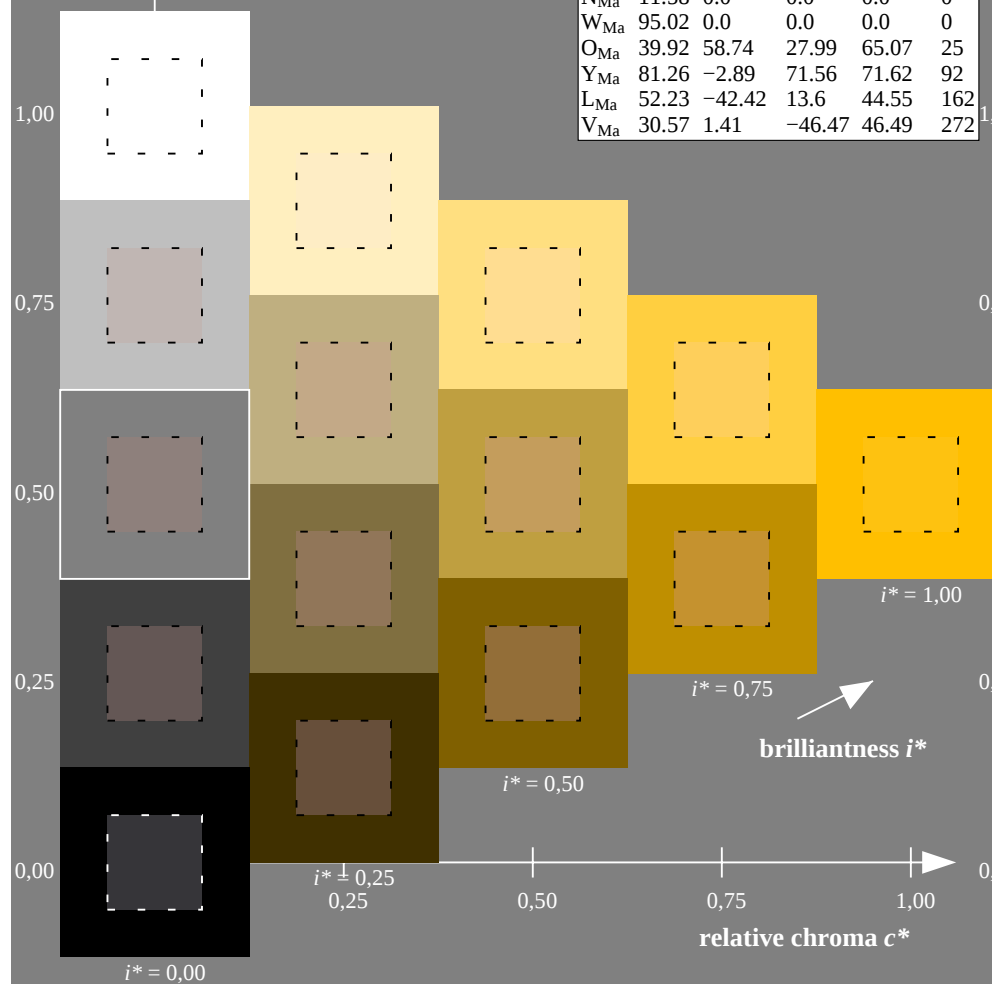
$LAB^*LCH^*_{Ma}$: 70 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$

data for any colour:

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

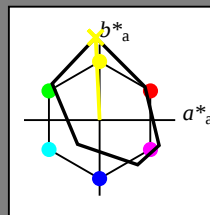
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 87 -5 109

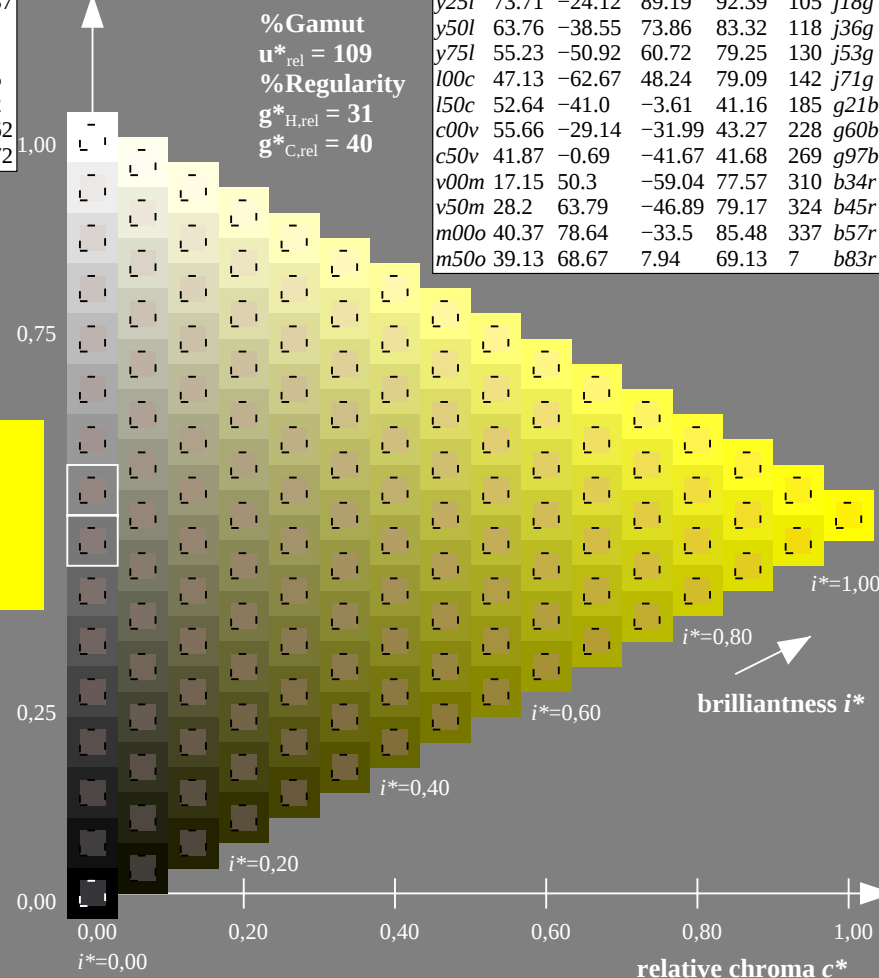
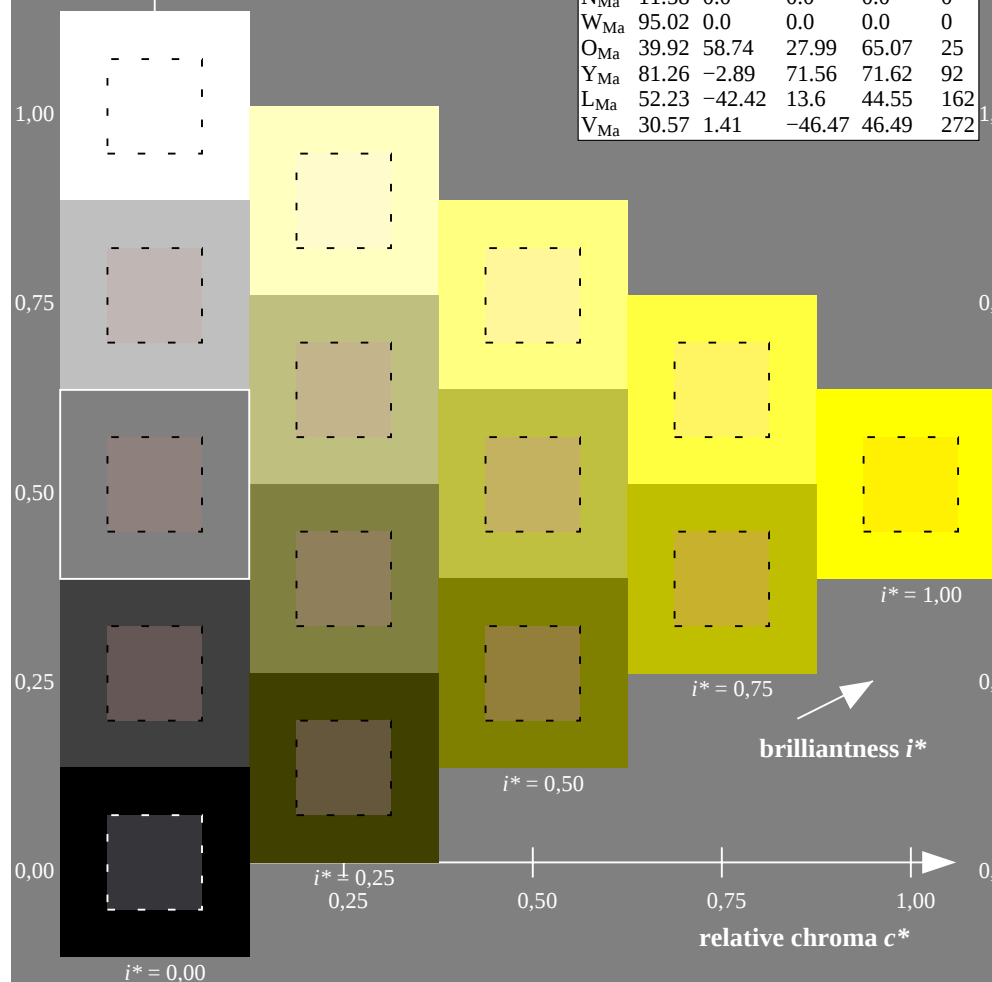
$LAB^*LCH^*_{Ma}$: 87 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$

data for any colour:

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

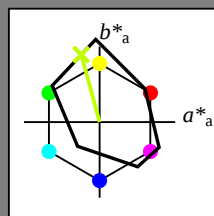
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 74 -24 89

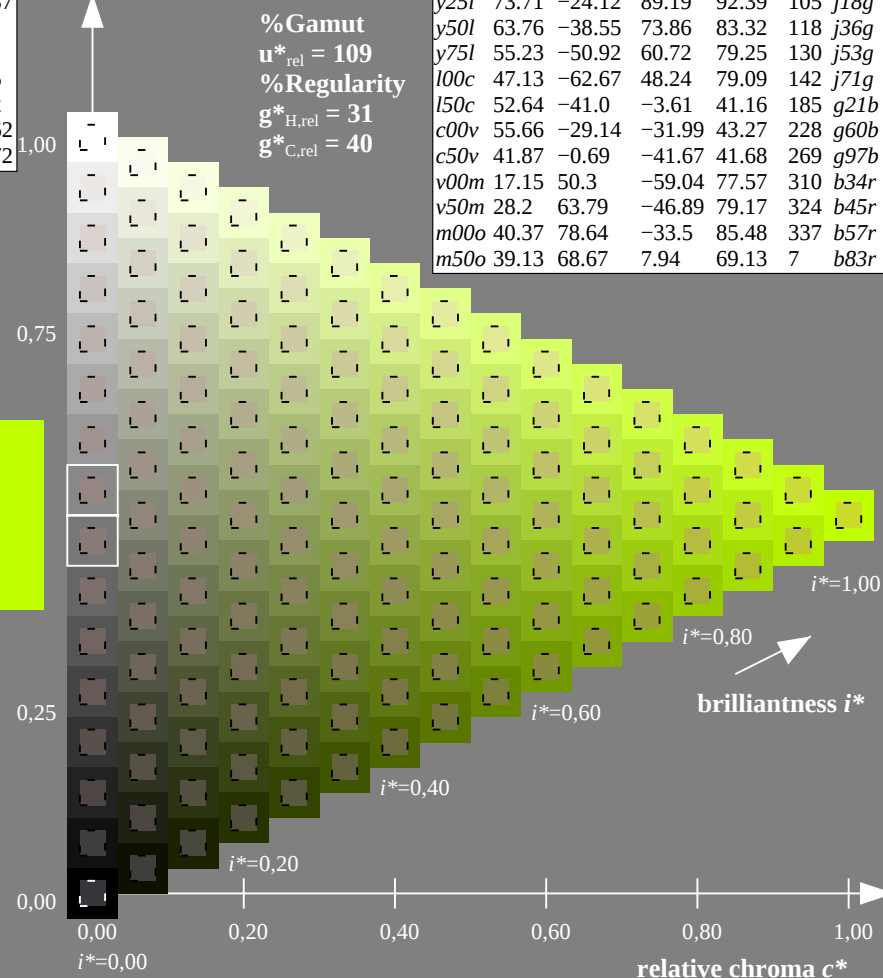
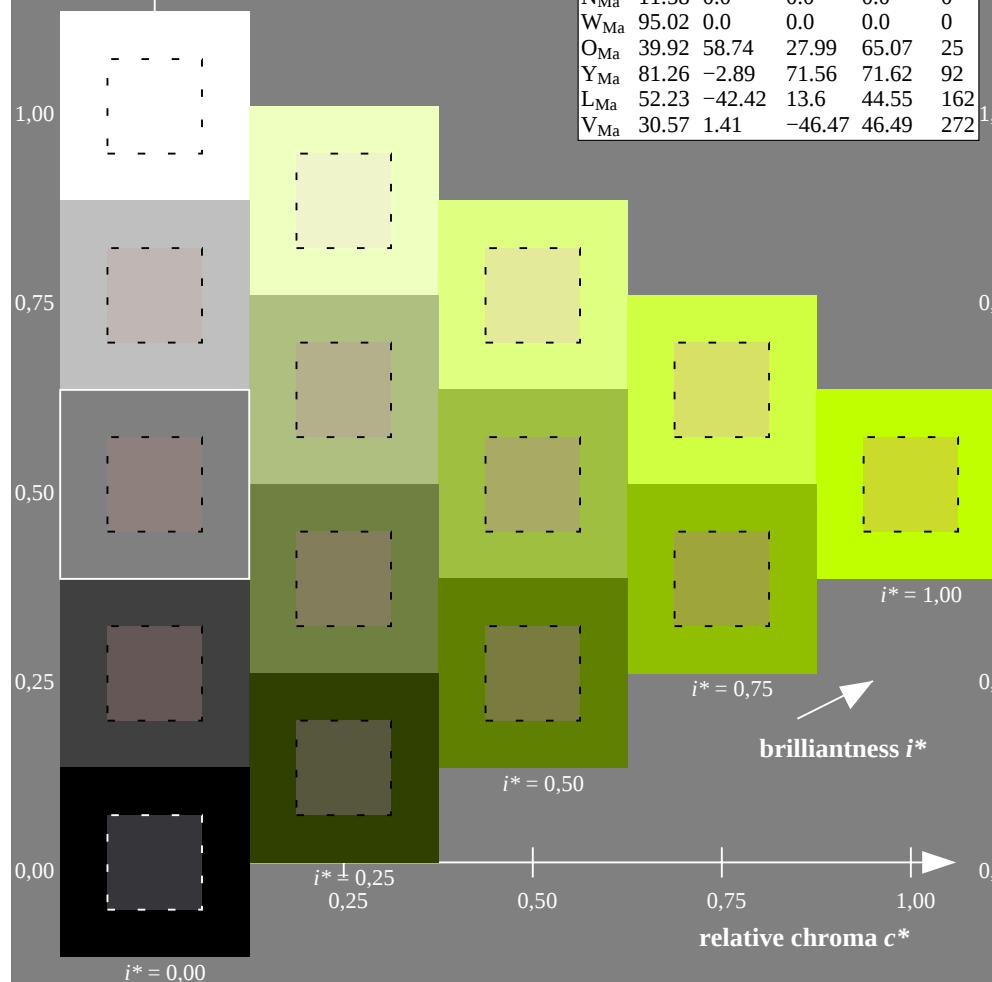
$LAB^*LCH^*_{Ma}$: 74 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

$u^*_d = y50l$

data for any colour:

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

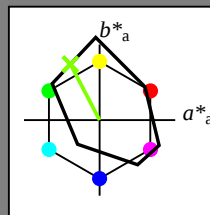
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 64 -39 74

$LAB^*LCH^*_{Ma}$: 64 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	

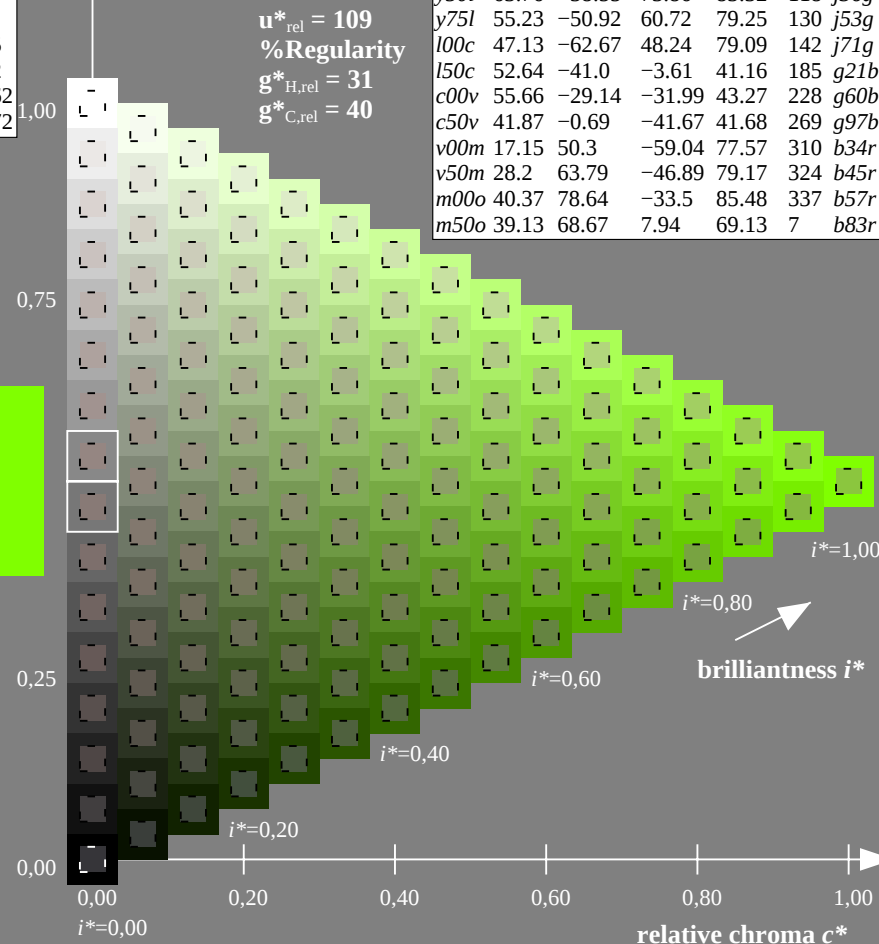
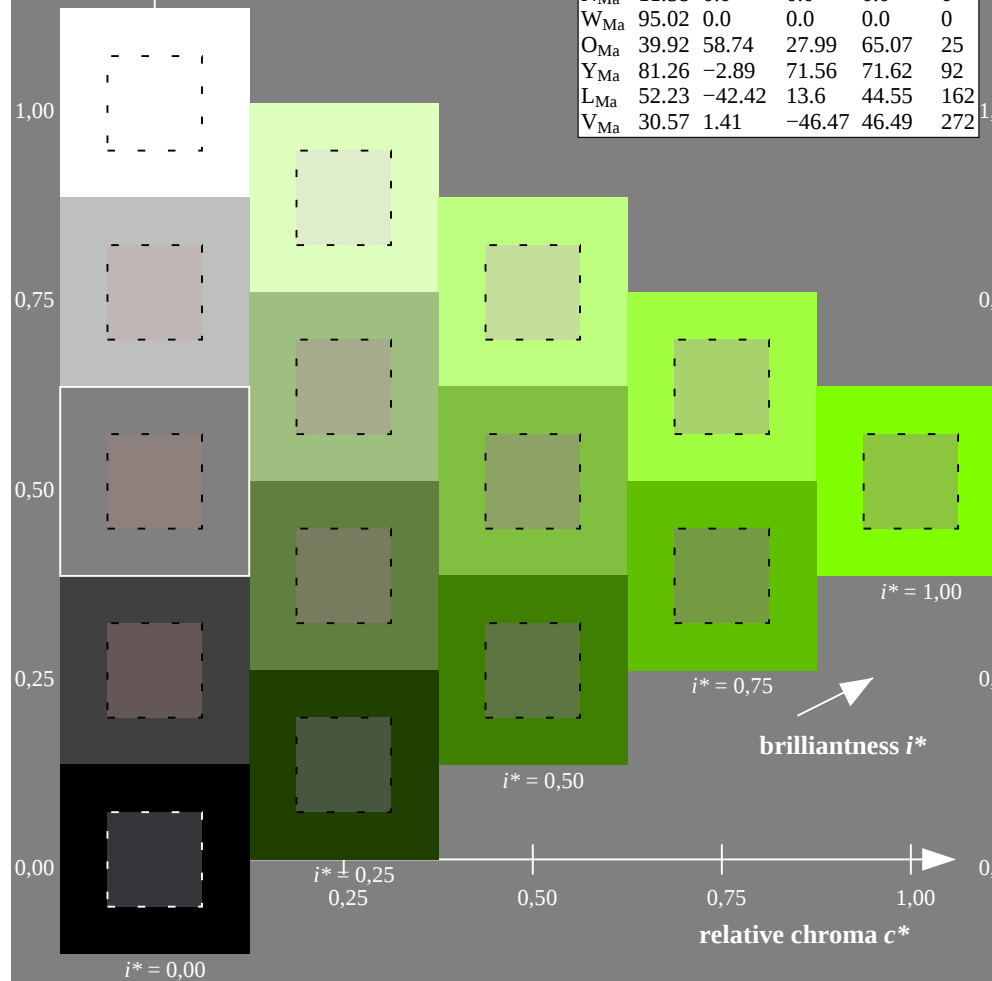
% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

$u^*_d = y75l$

data for any colour:

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

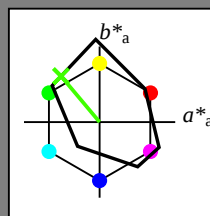
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 55 -51 61

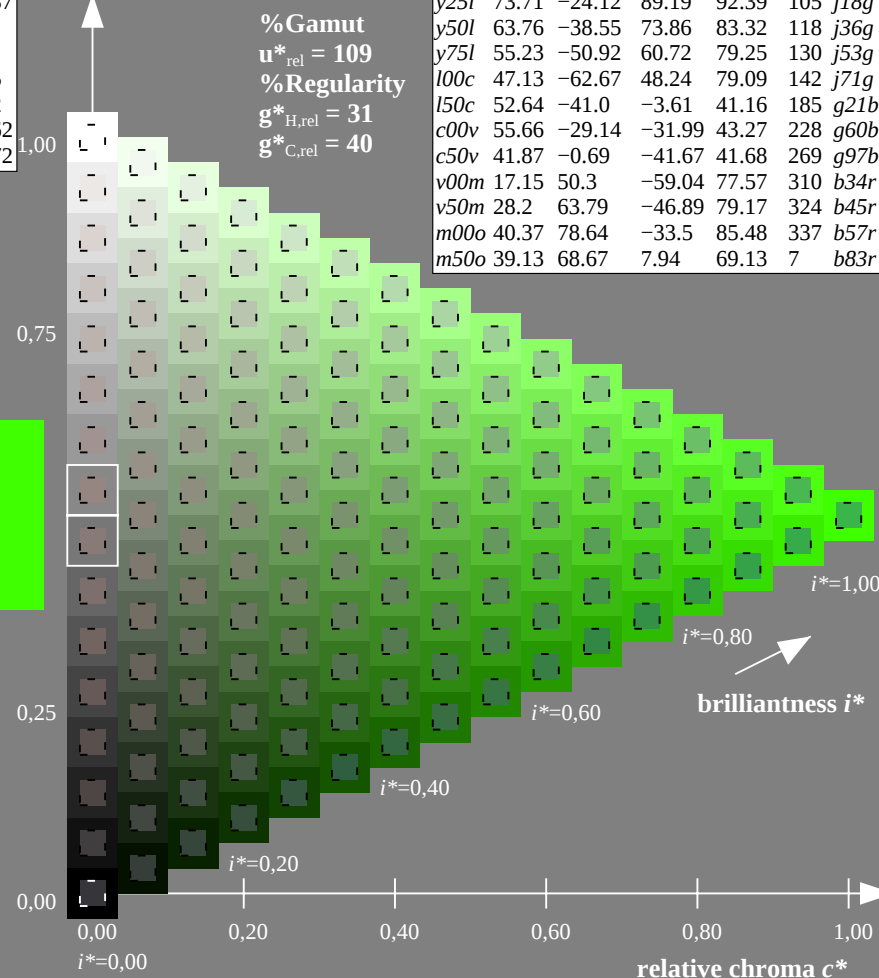
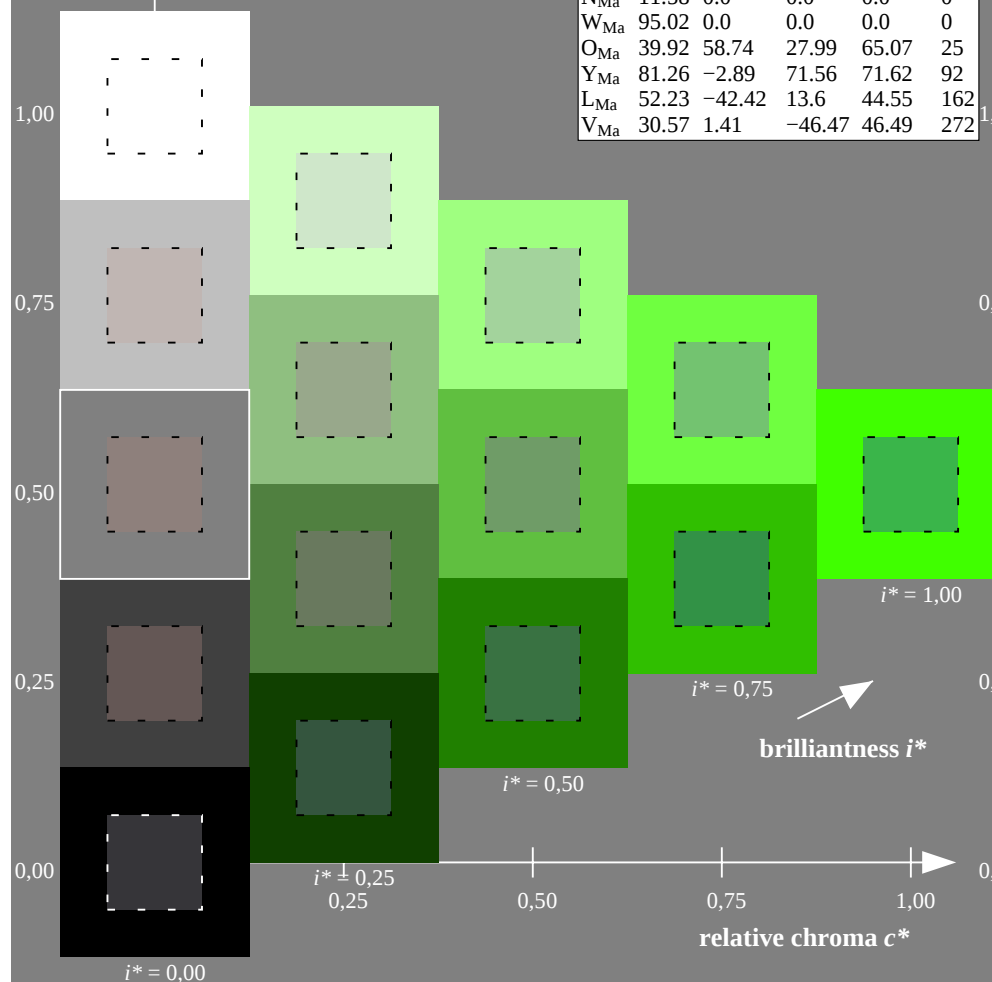
$LAB^*LCH^*_{Ma}$: 55 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

$u^*_d = 100c$

data for any colour:

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

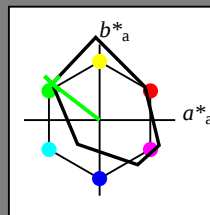
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 47 -63 48

$LAB^*LCH^*_{Ma}$: 47 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

% Gamut

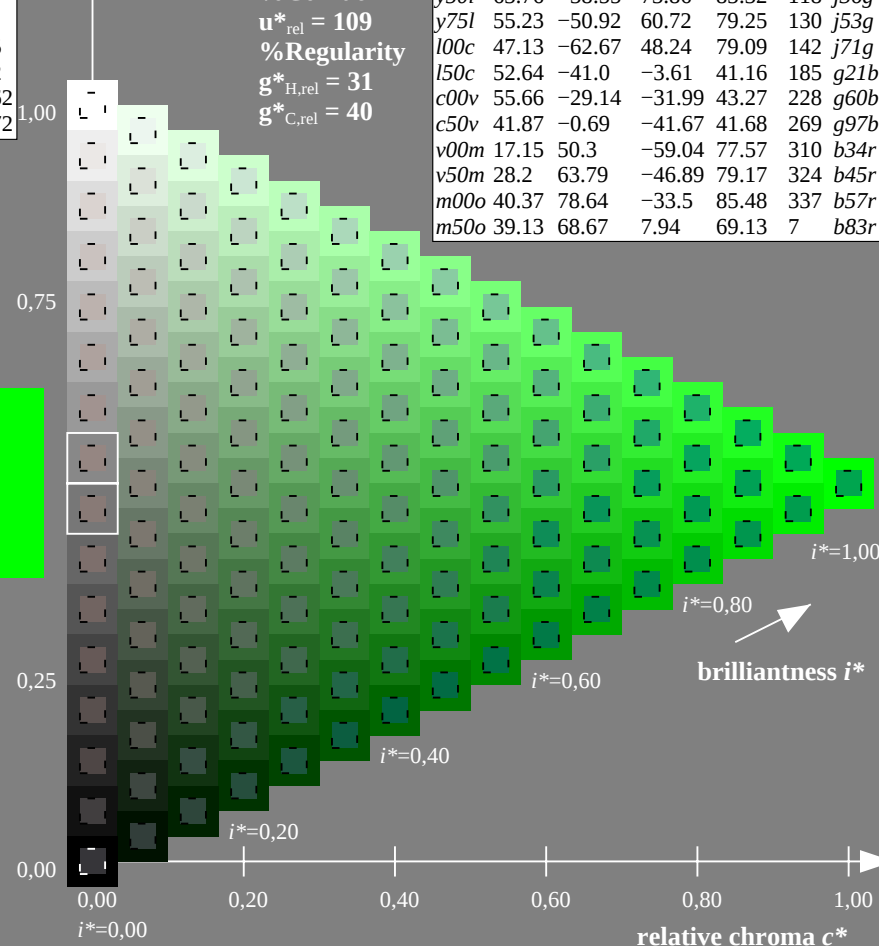
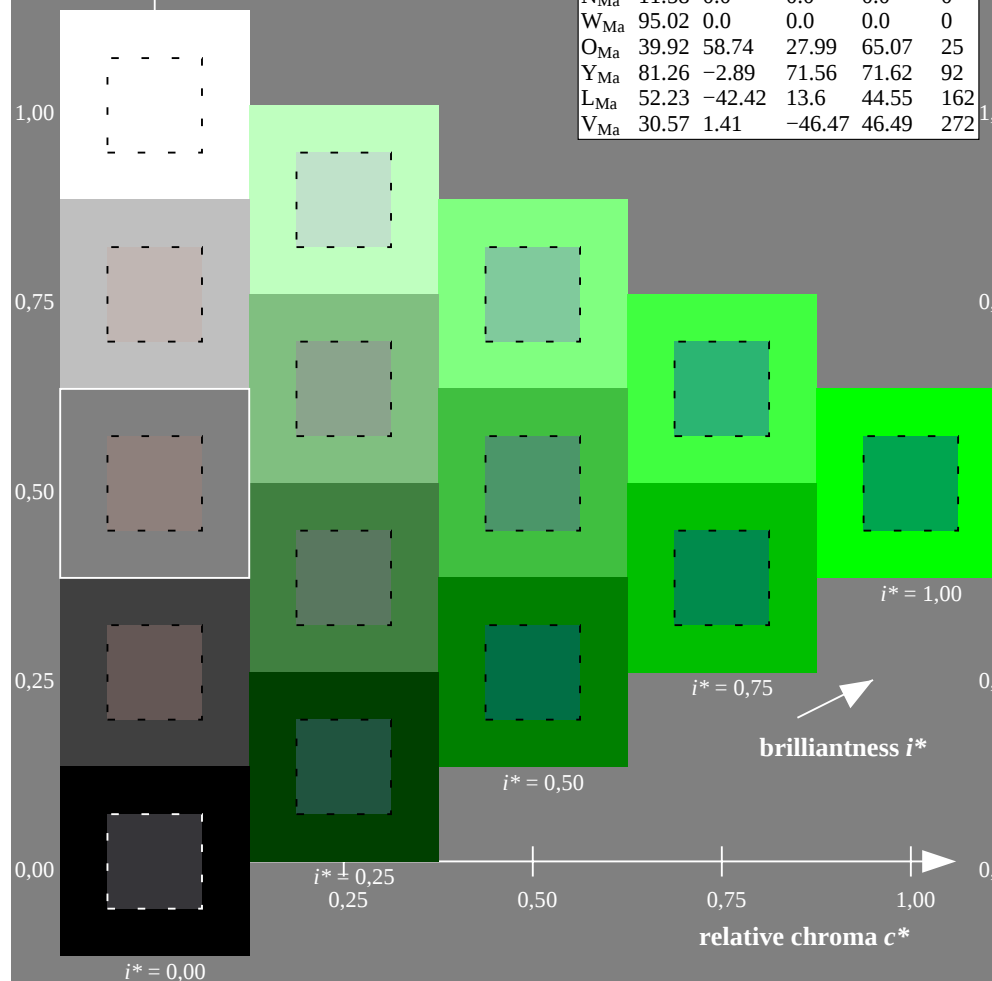
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

$u^*_d = 150c$

data for any colour:

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

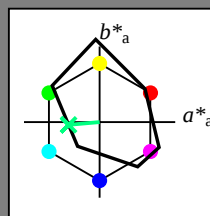
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 53 -41 -4

$LAB^*LCH^*_{Ma}$: 53 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	

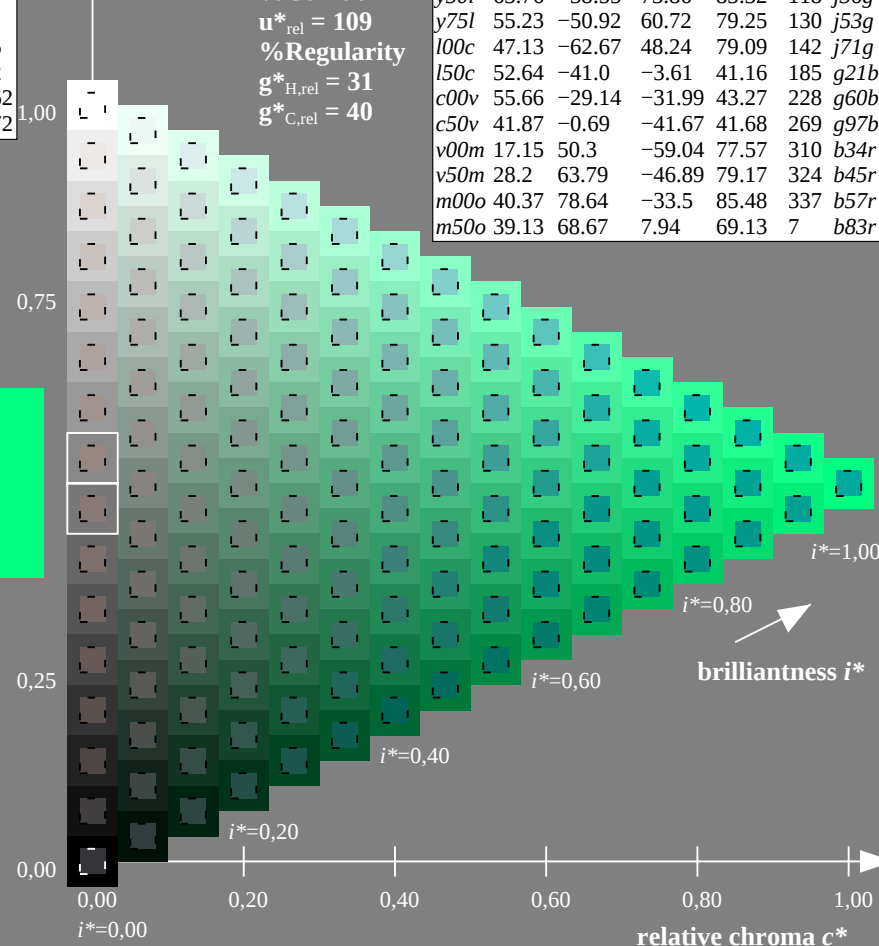
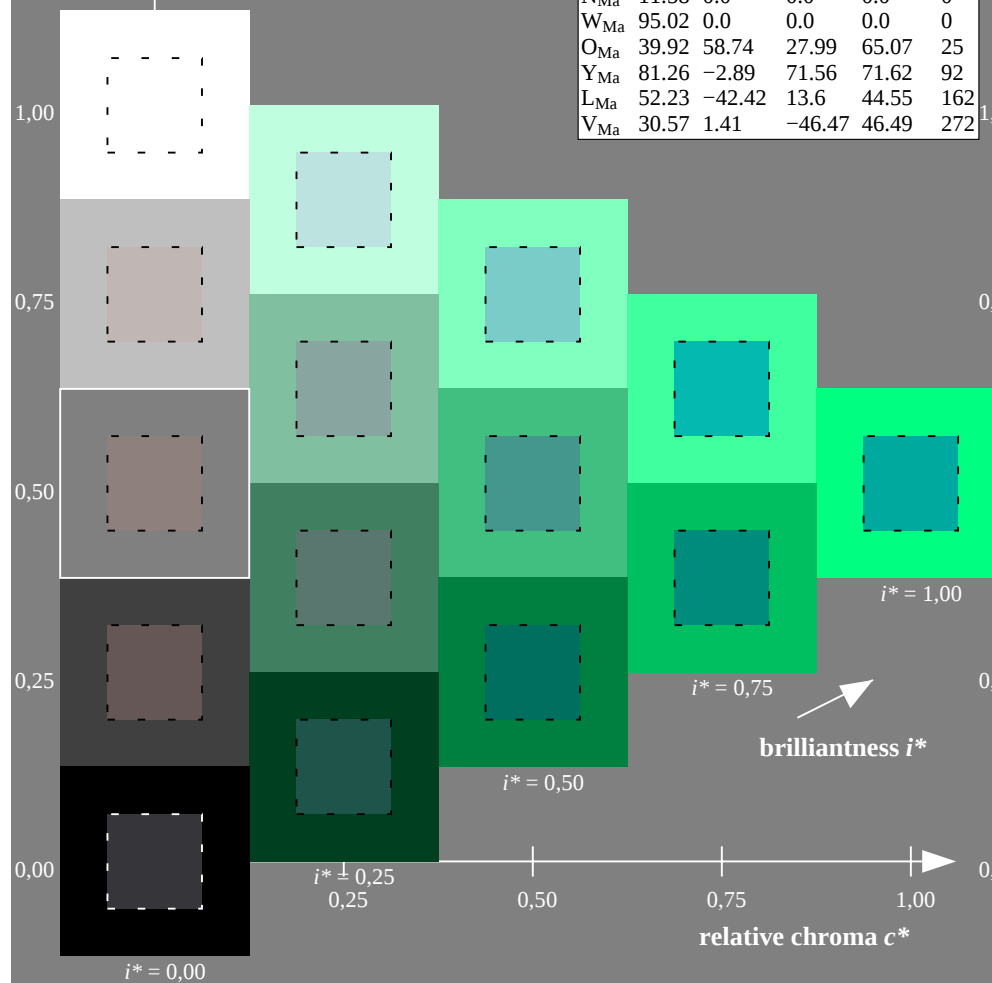
%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$

data for any colour:

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

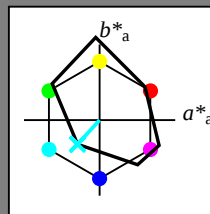
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 56 -29 -32

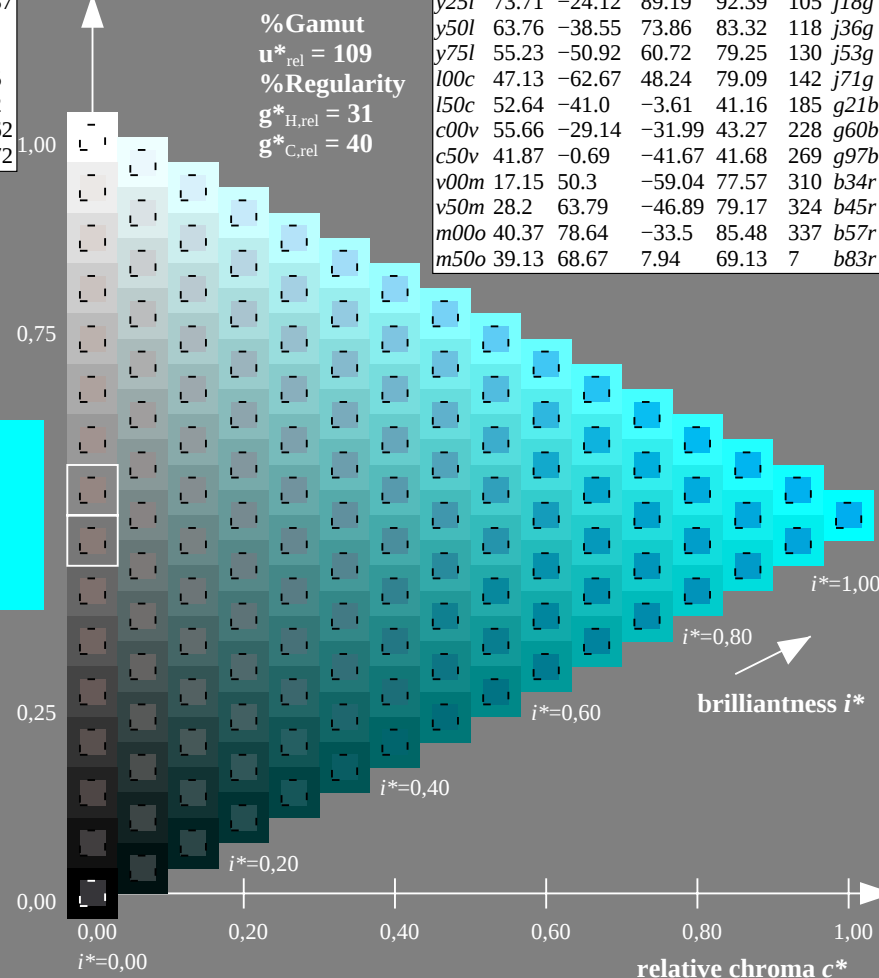
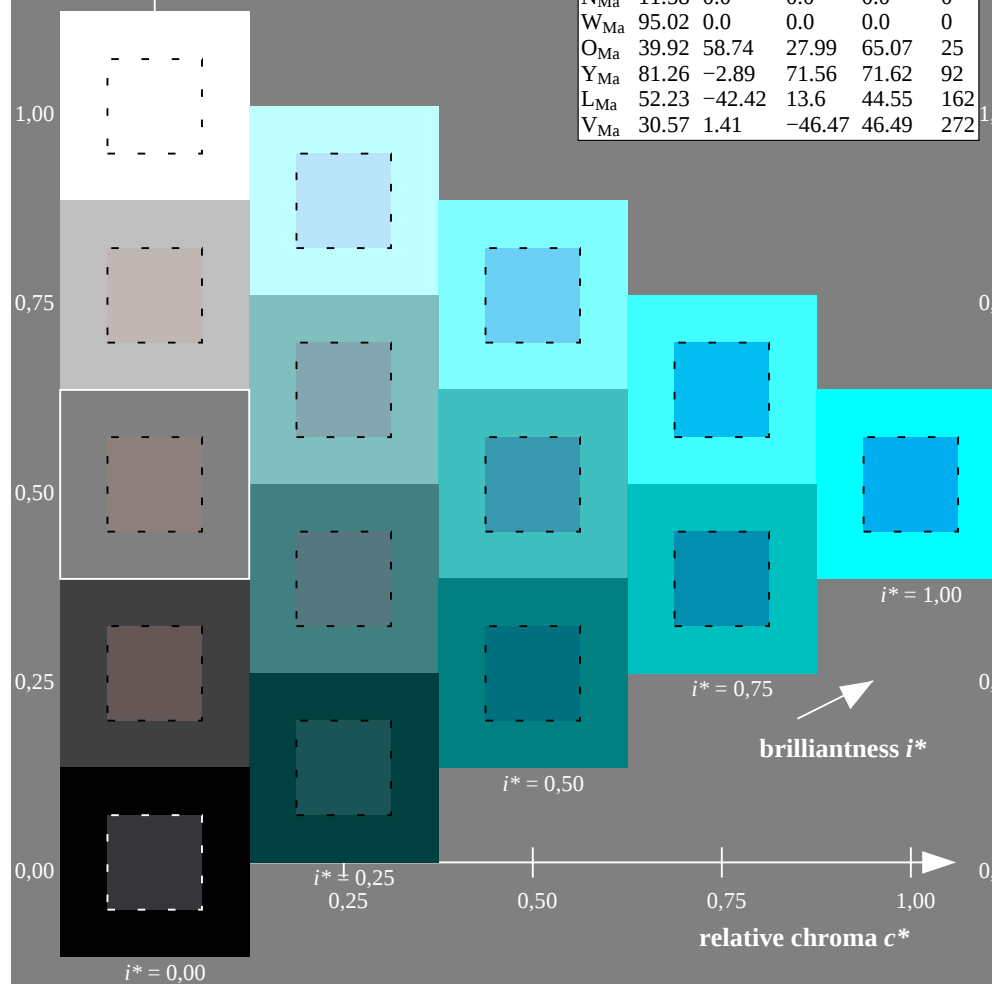
$LAB^*LCH^*_{Ma}$: 56 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

$u^*_d = c50v$

data for any colour:

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

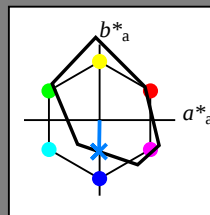
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 42 -1 -42

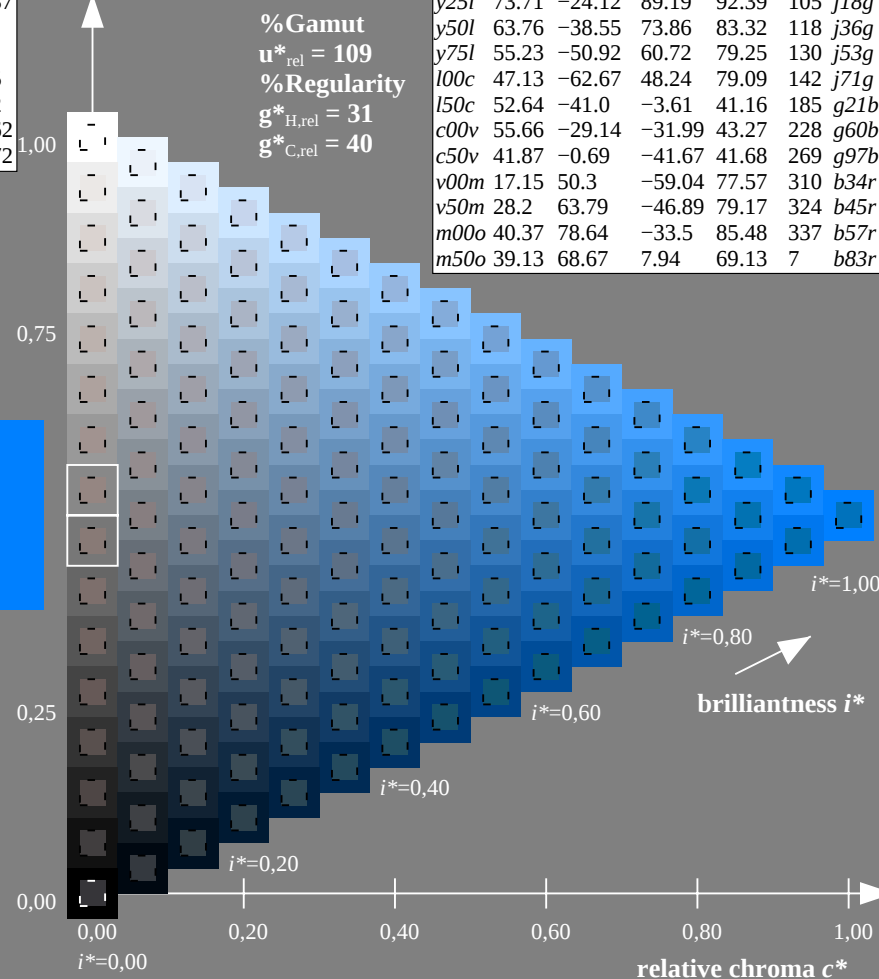
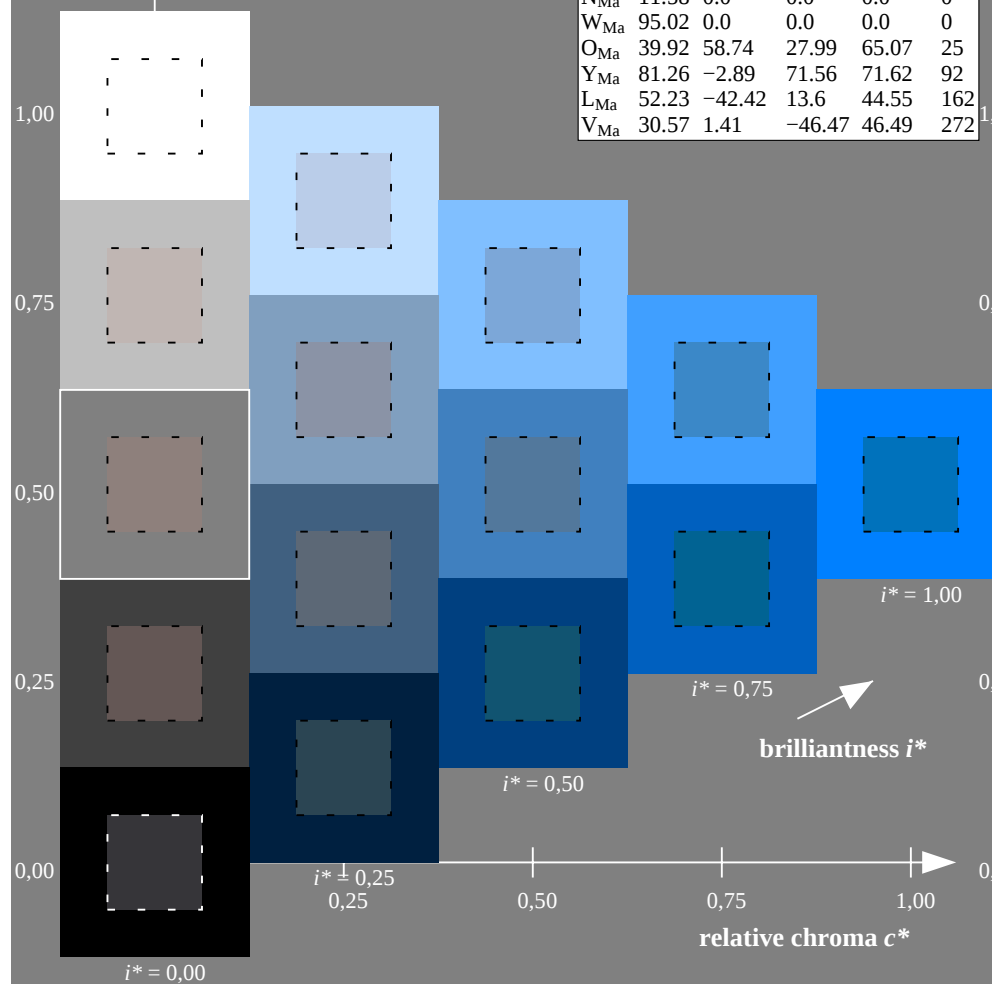
$LAB^*LCH^*_{Ma}$: 42 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

$u^*_d = v00m$

data for any colour:

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

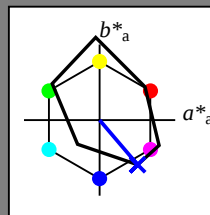
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 17 50 -59

$LAB^*LCH^*_{Ma}$: 17 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	

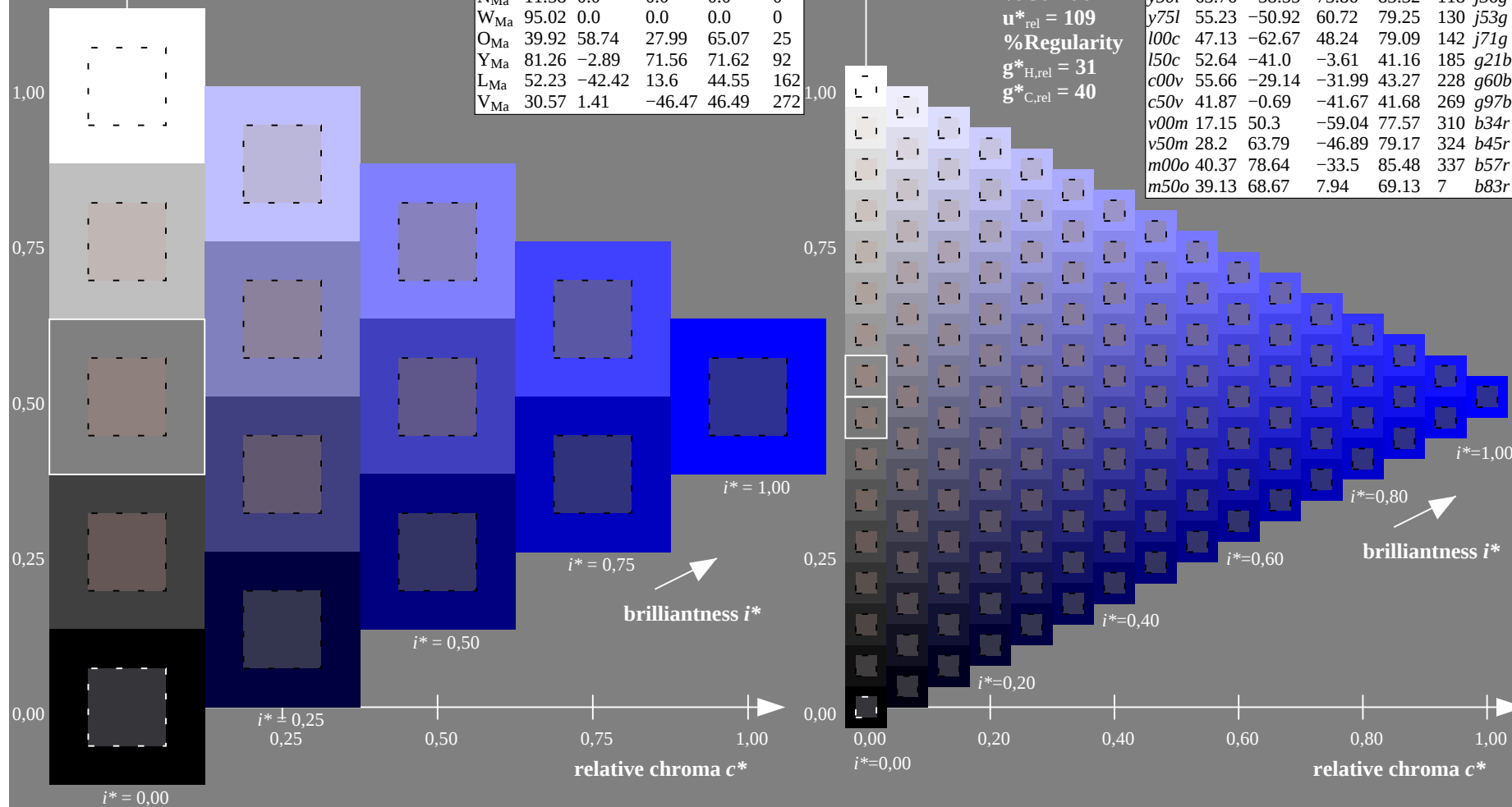
% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

$u^*_d = v50m$

data for any colour:

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

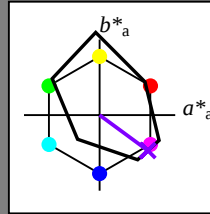
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 28 64 -47

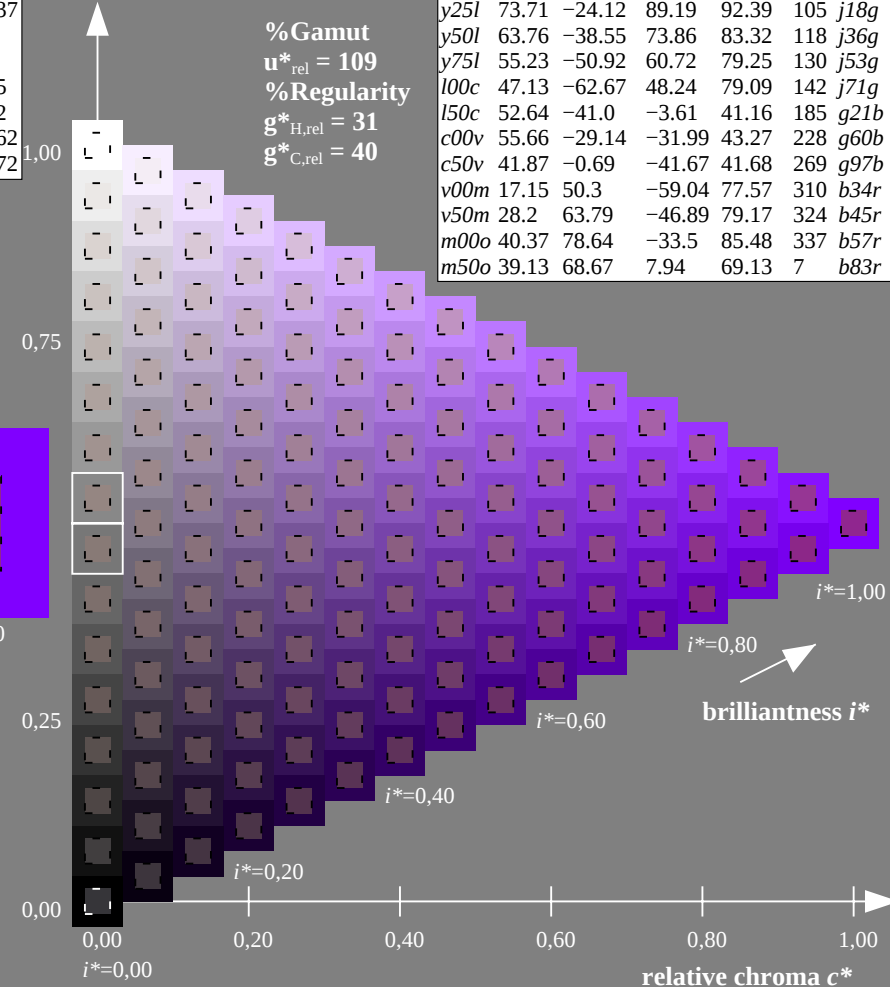
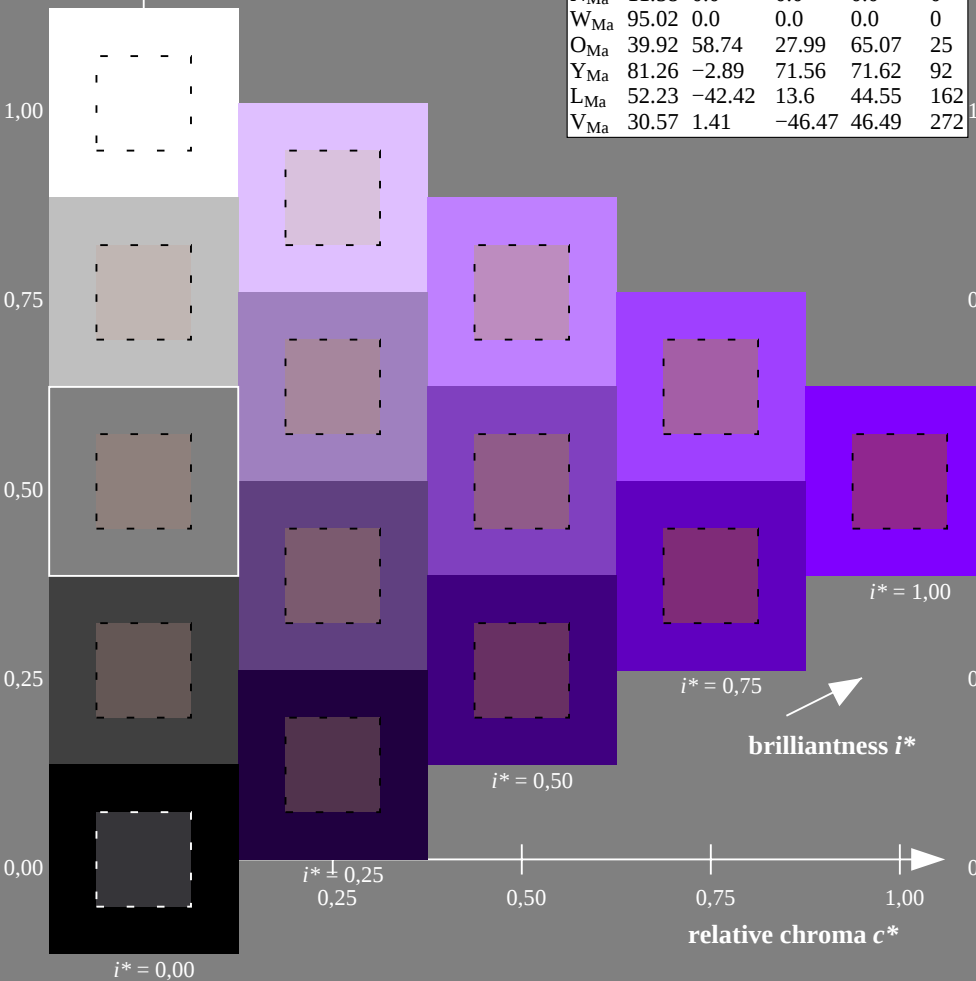
$LAB^*LCH^*_{Ma}$: 28 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$

data for any colour:

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

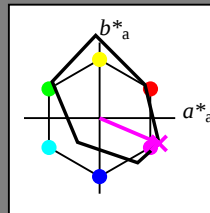
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 40 79 -34

$LAB^*LCH^*_{Ma}$: 40 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

%Gamut

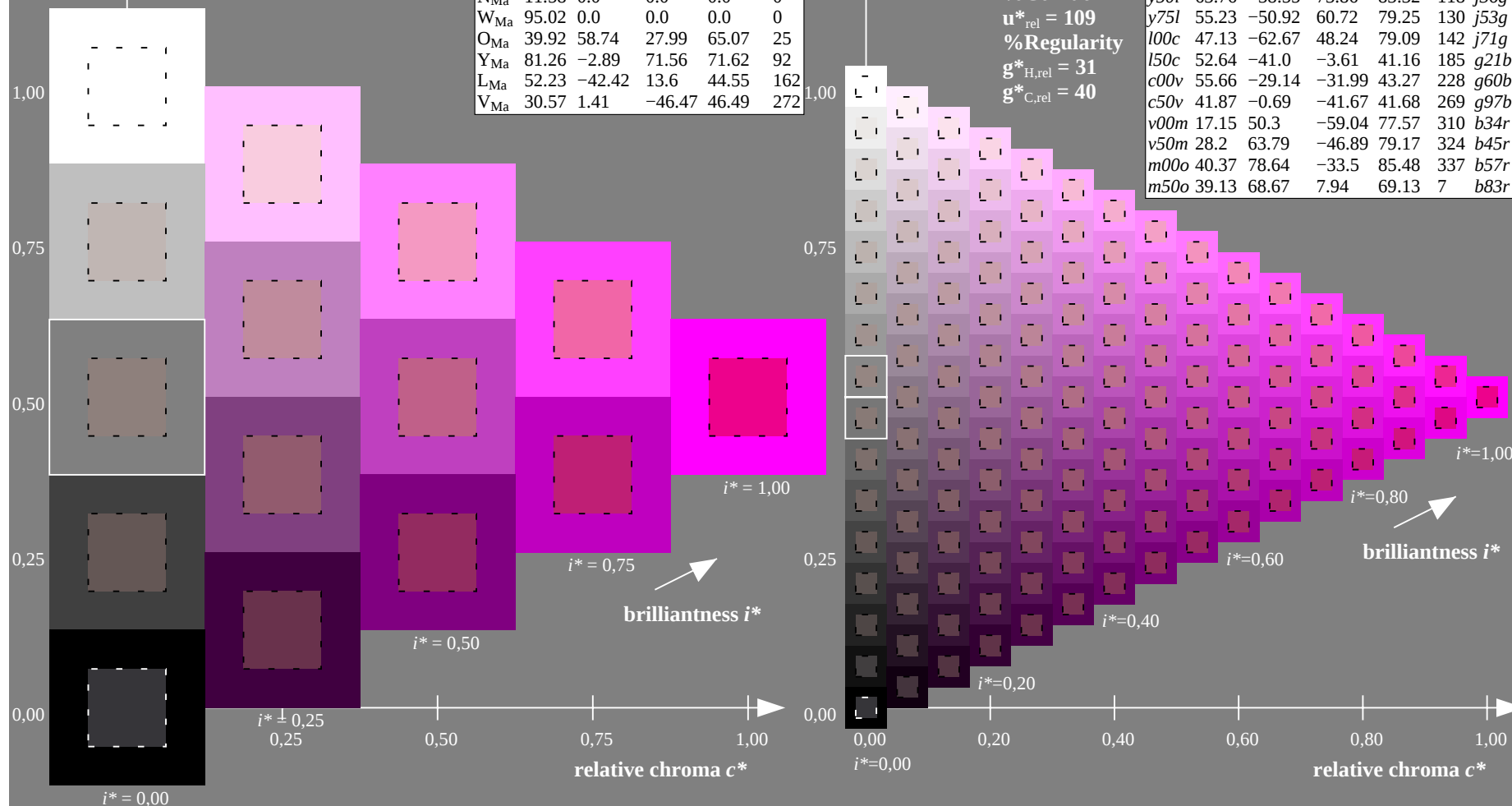
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

$u^*_d = m50o$

data for any colour:

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

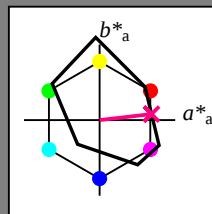
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 39 69 8

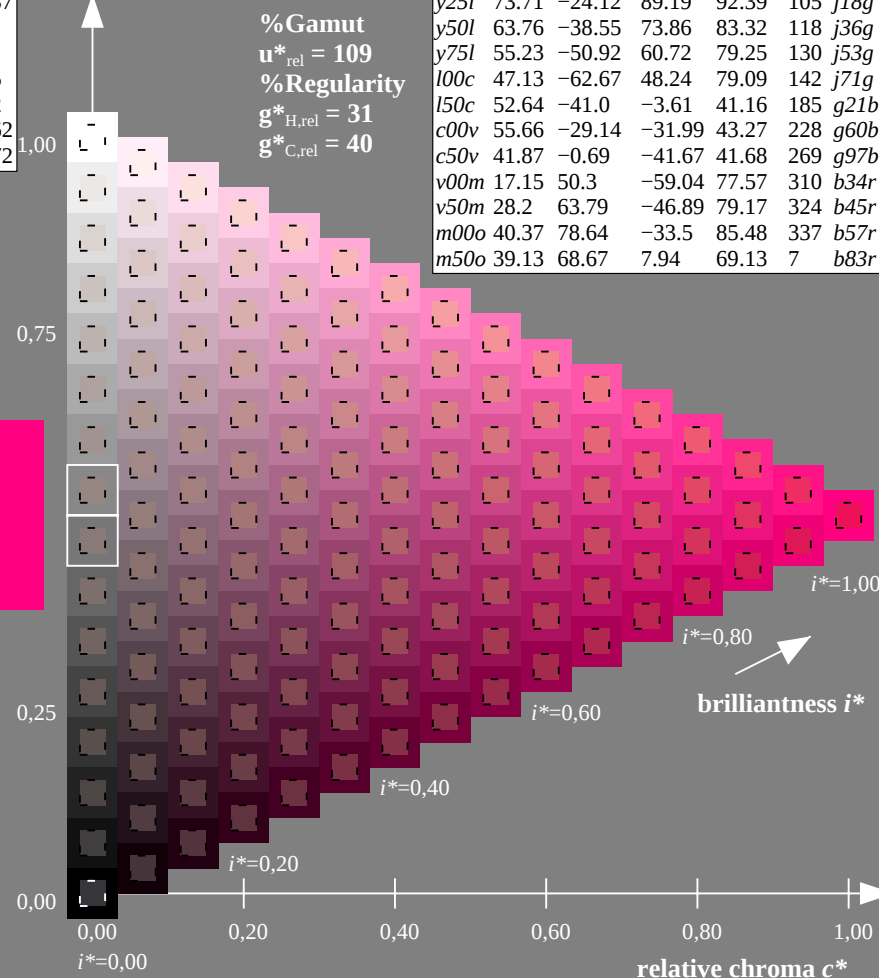
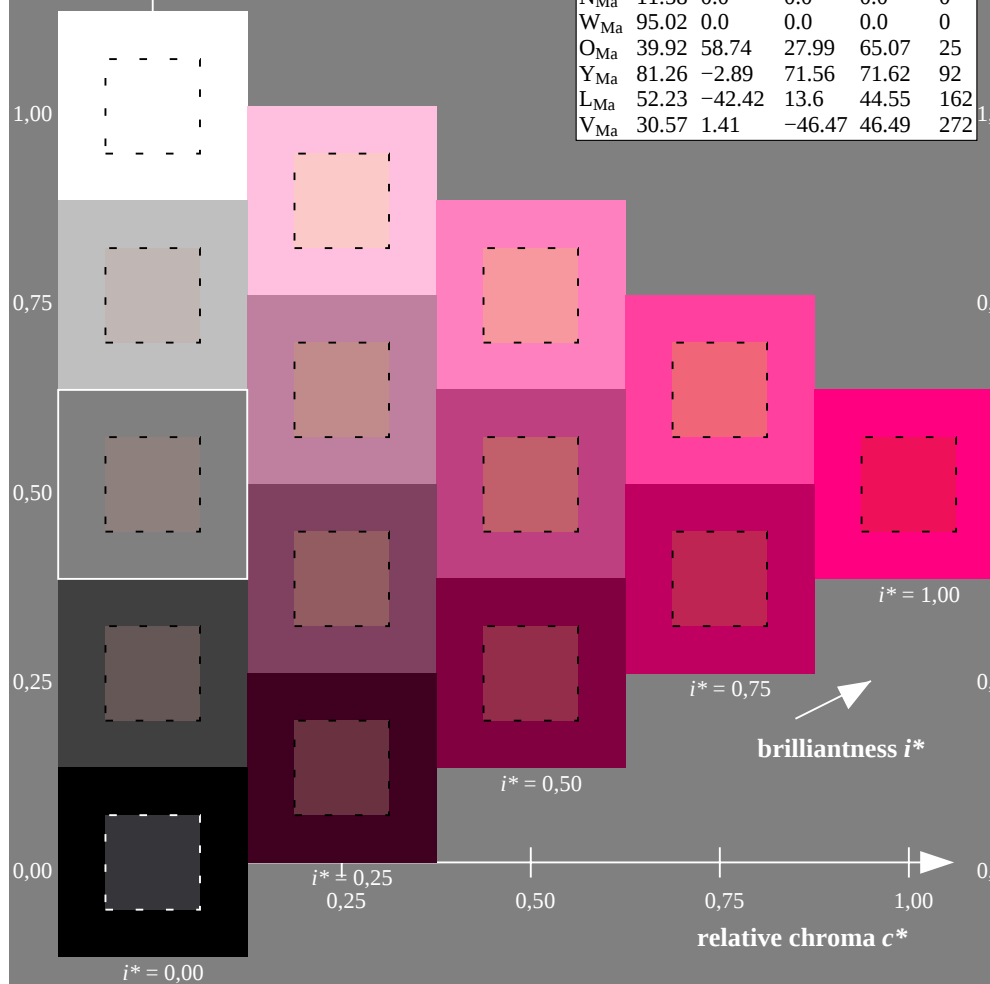
$LAB^*LCH^*_{Ma}$: 39 69 6

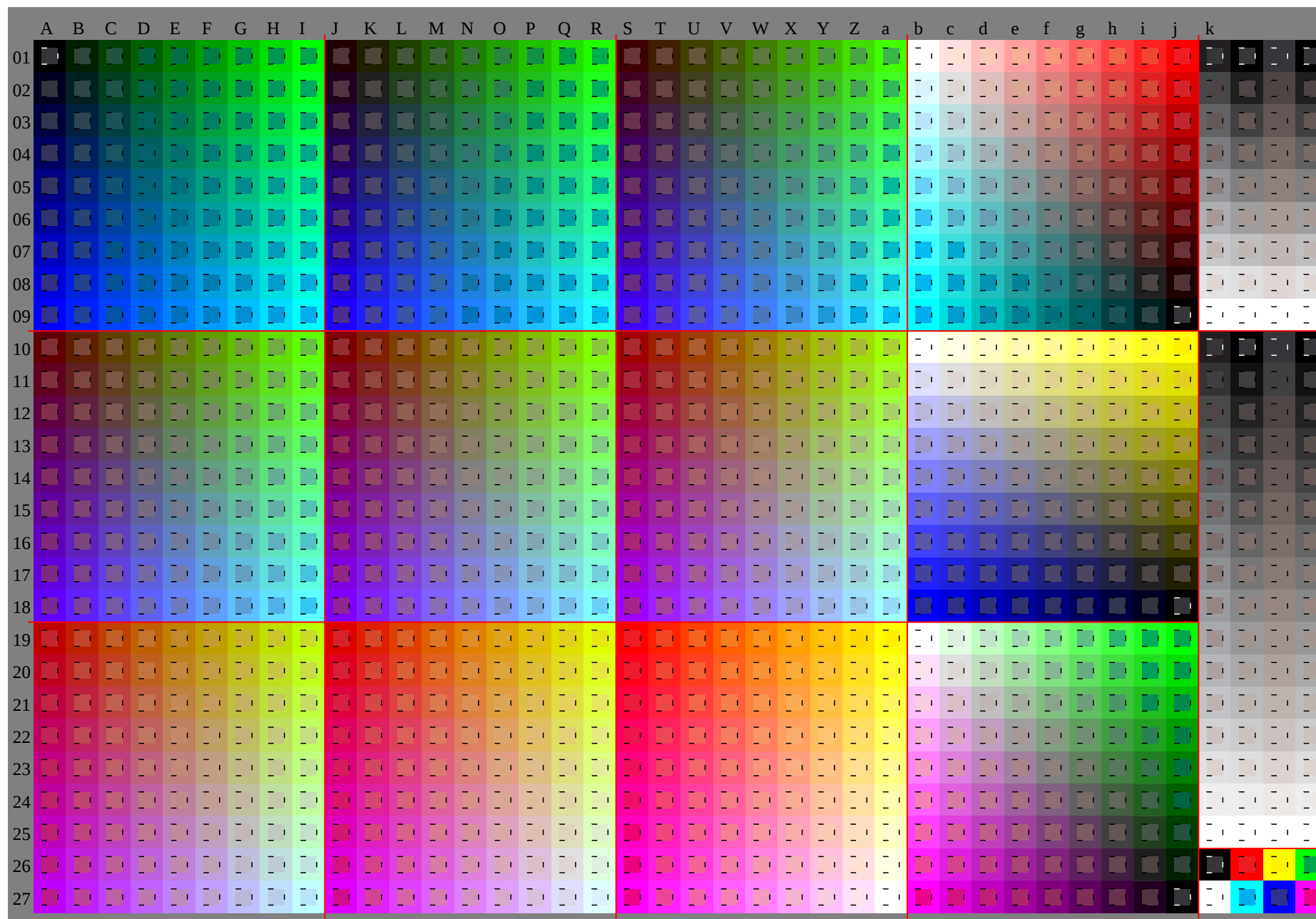
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

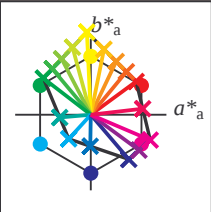
FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	





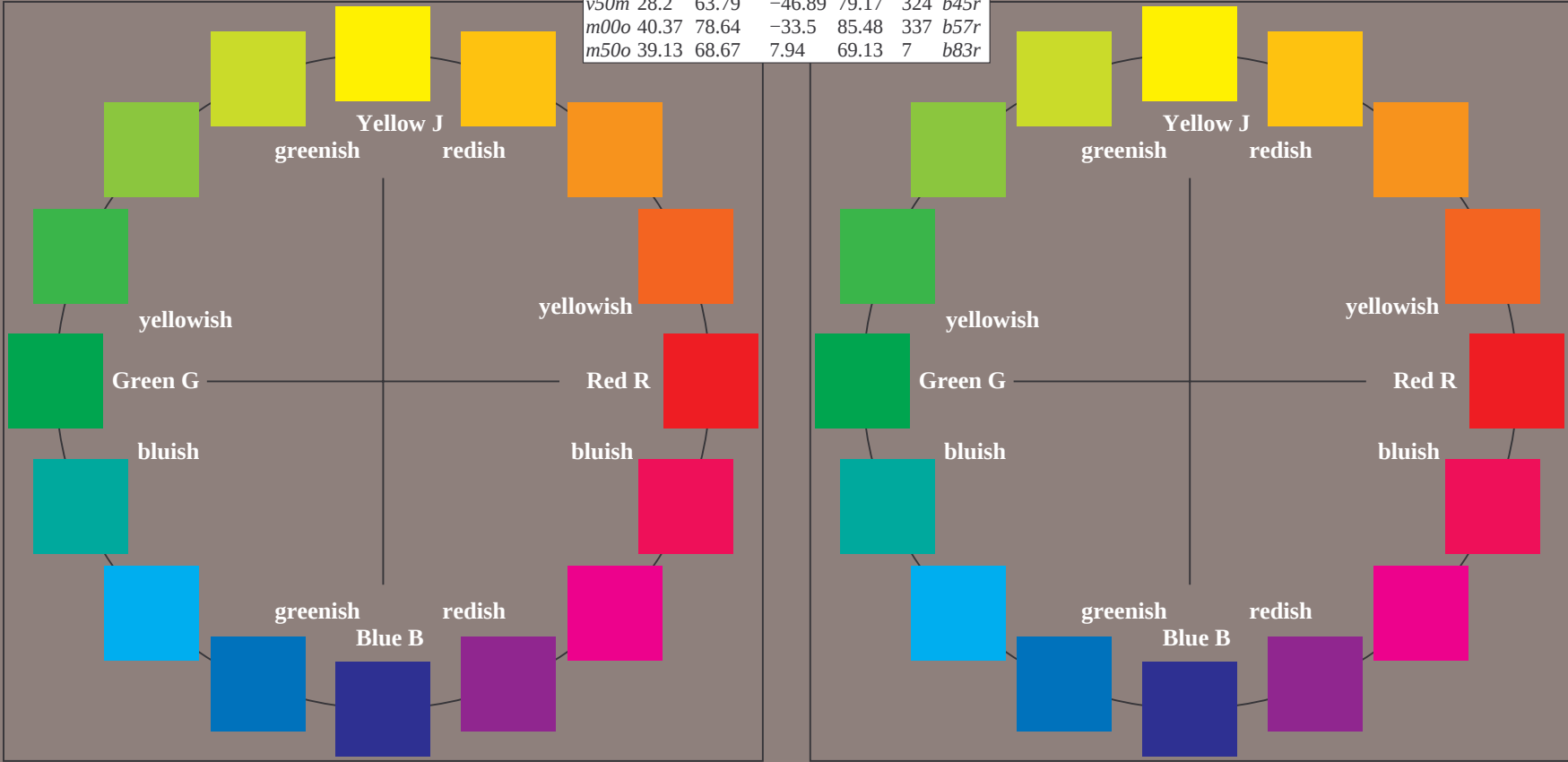
Input and output:
Colorimetric Printer Reflective System FRS12_95a
data for any colour:
 u^*_d and number $no.$ = 00 .. 15
device hue text:
 u^*_d = 16 hues $o00y, o25y, ..., m50o$
contrast reduction factor:
 $c_R = 1.0$

FRS12_95a; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$			
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$			
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$			
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$			
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$			
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$			
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$			
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$			
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$			
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$			
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$			
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$			
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$			
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$			
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$			
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$			



%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	38.06	60.0	44.0	74.4	36	
Y_{Ma}	86.77	-5.17	109.32	109.44	93	
L_{Ma}	47.13	-62.67	48.24	79.09	142	
C_{Ma}	55.66	-29.14	-31.99	43.27	228	
V_{Ma}	17.15	50.3	-59.04	77.57	310	
M_{Ma}	40.37	78.64	-33.5	85.48	337	
N_{Ma}	11.58	0.0	0.0	0.0	0	
W_{Ma}	95.02	0.0	0.0	0.0	0	
O_{CIE}	39.92	58.74	27.99	65.07	25	
Y_{CIE}	81.26	-2.89	71.56	71.62	92	
L_{CIE}	52.23	-42.42	13.6	44.55	162	
V_{CIE}	30.57	1.41	-46.47	46.49	272	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

$u^*_d = o00y$

data for any colour:

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

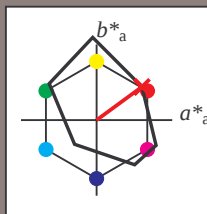
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 38 60 44

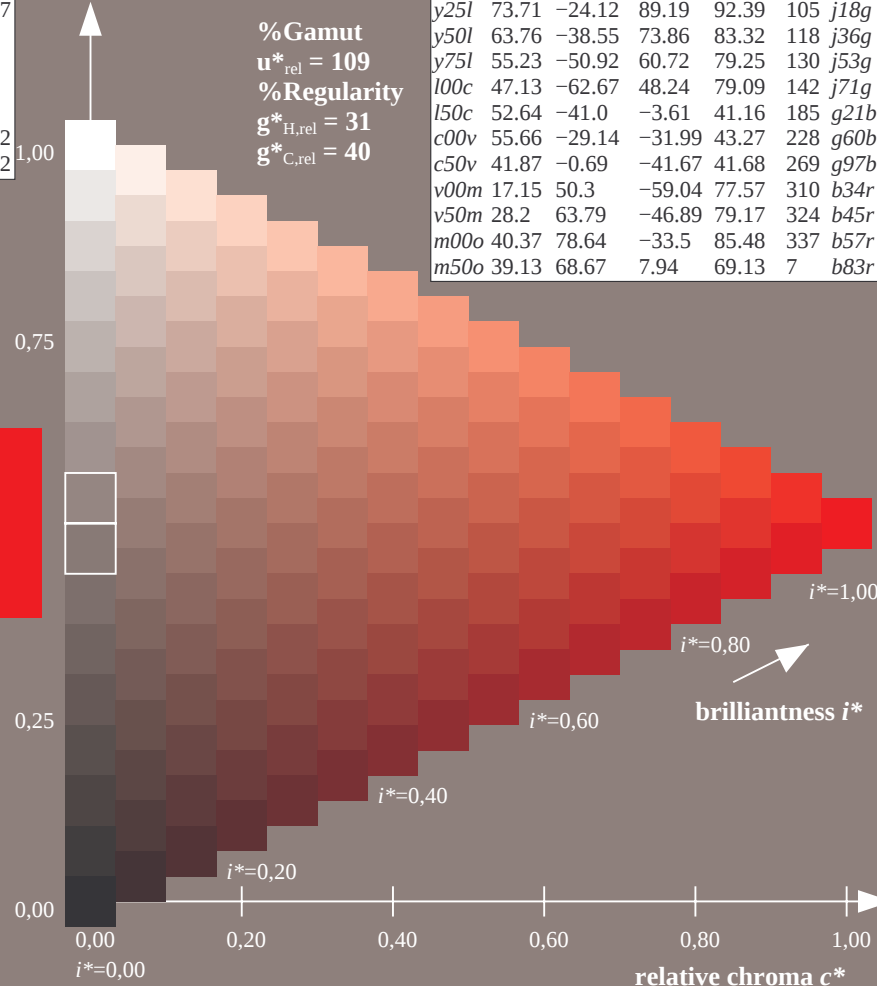
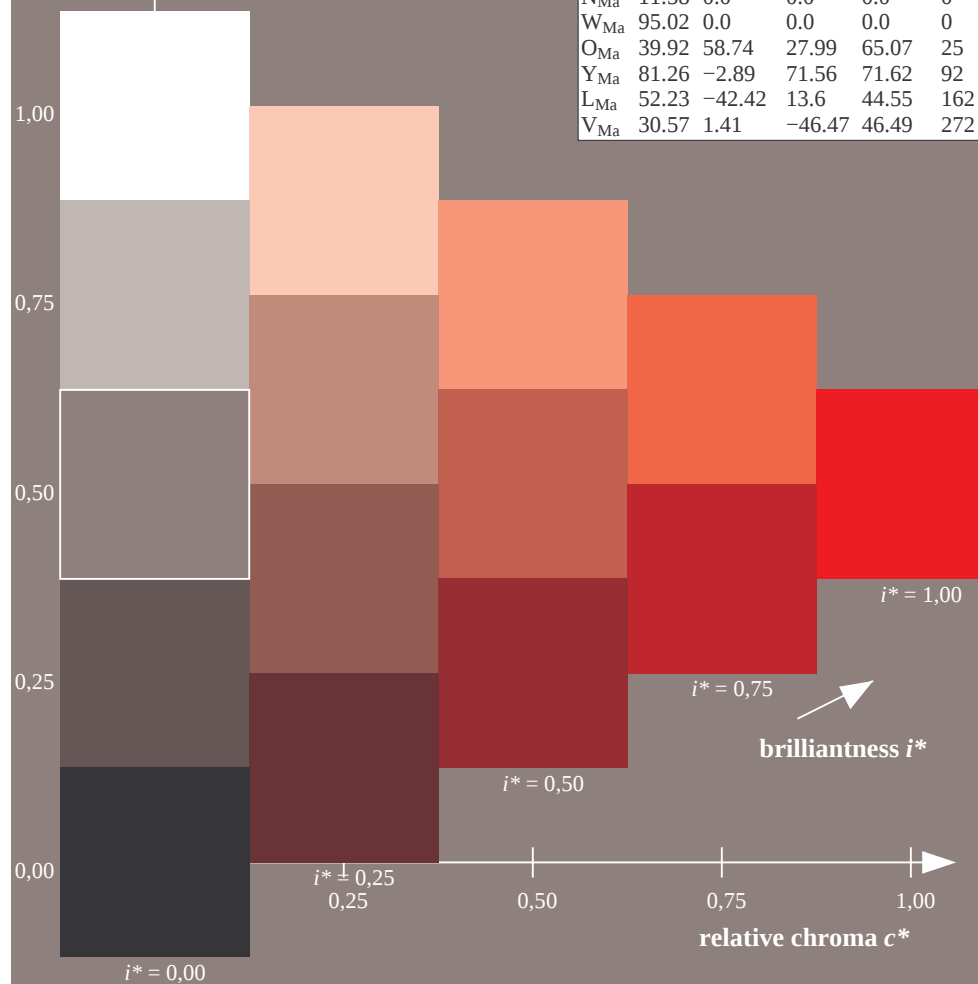
$LAB^*LCH^*_{Ma}$: 38 74 36

$lab^*olv^*_{Ma}$: 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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

$u^*_d = o25y$

data for any colour:

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

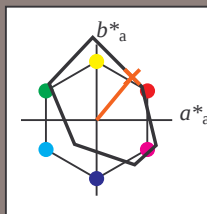
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 48 47 57

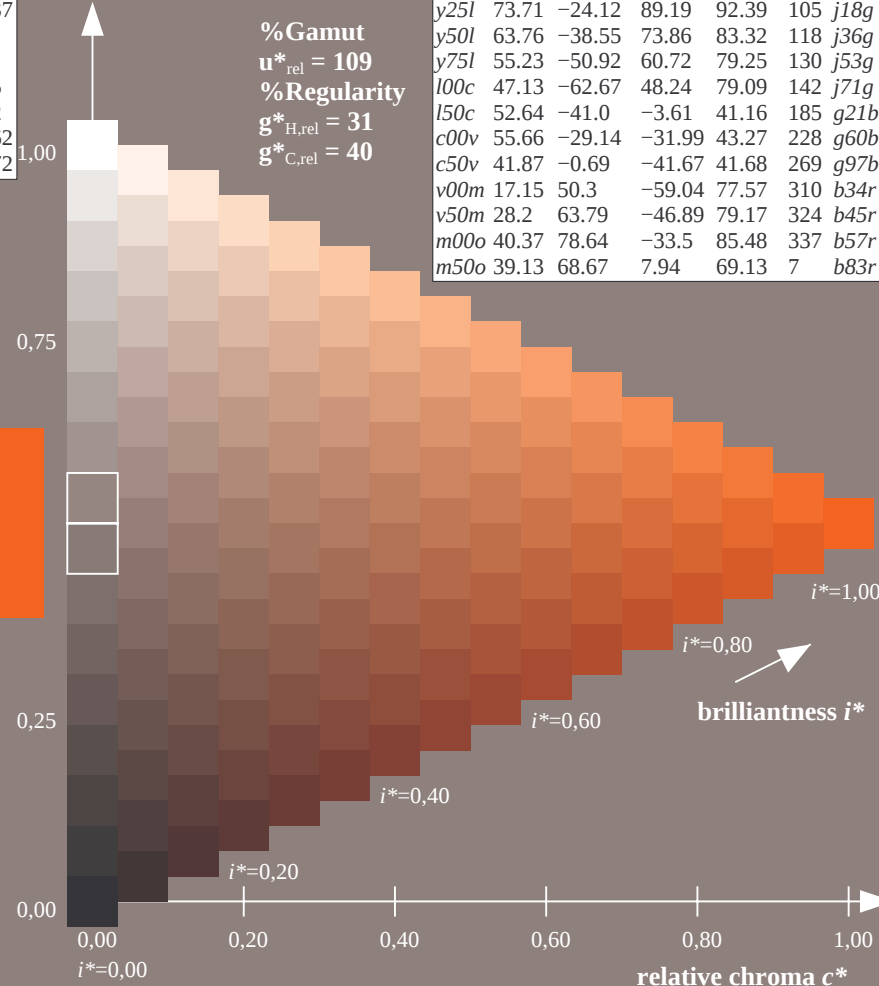
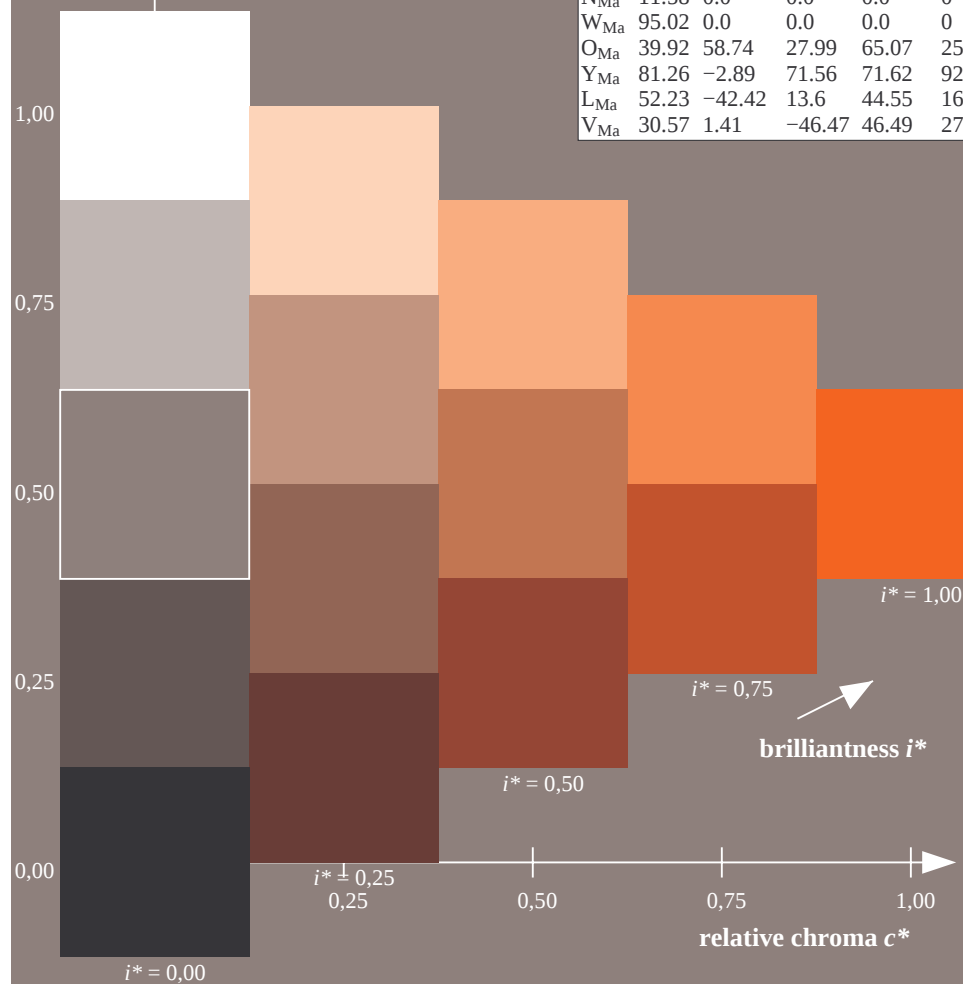
$LAB^*LCH^*_{Ma}$: 48 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

$u^*_d = o50y$

data for any colour:

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

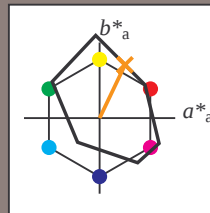
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 58 34 70

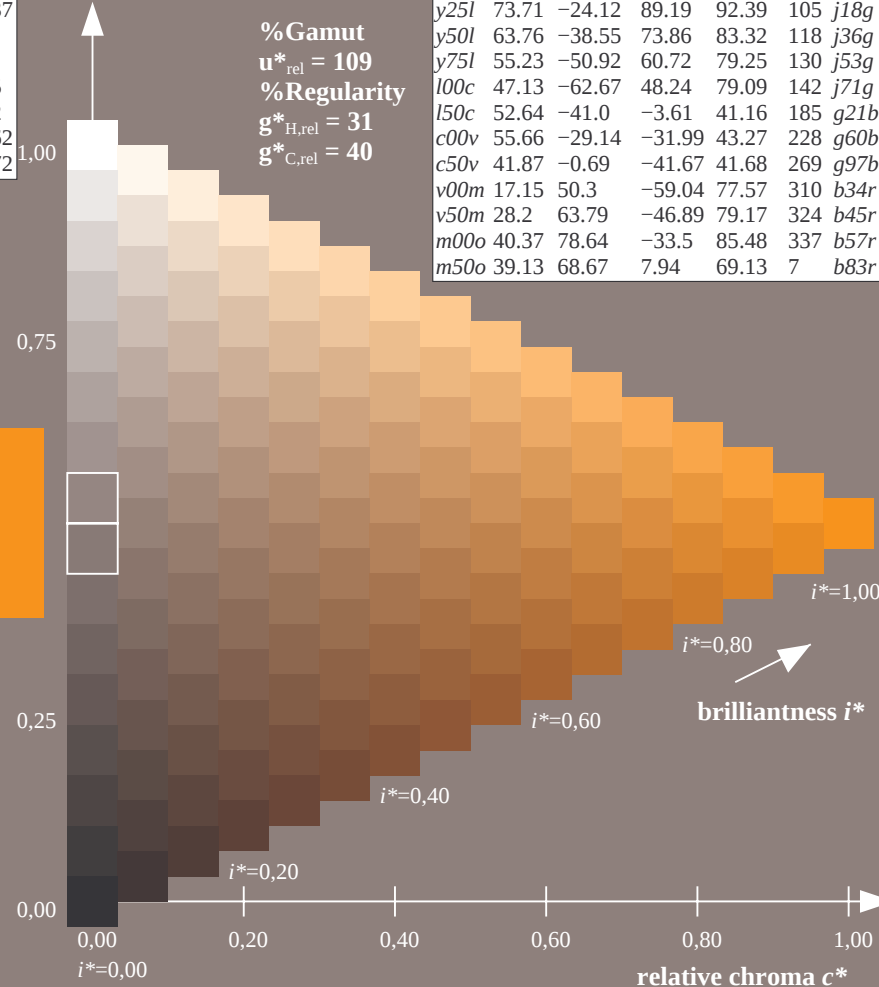
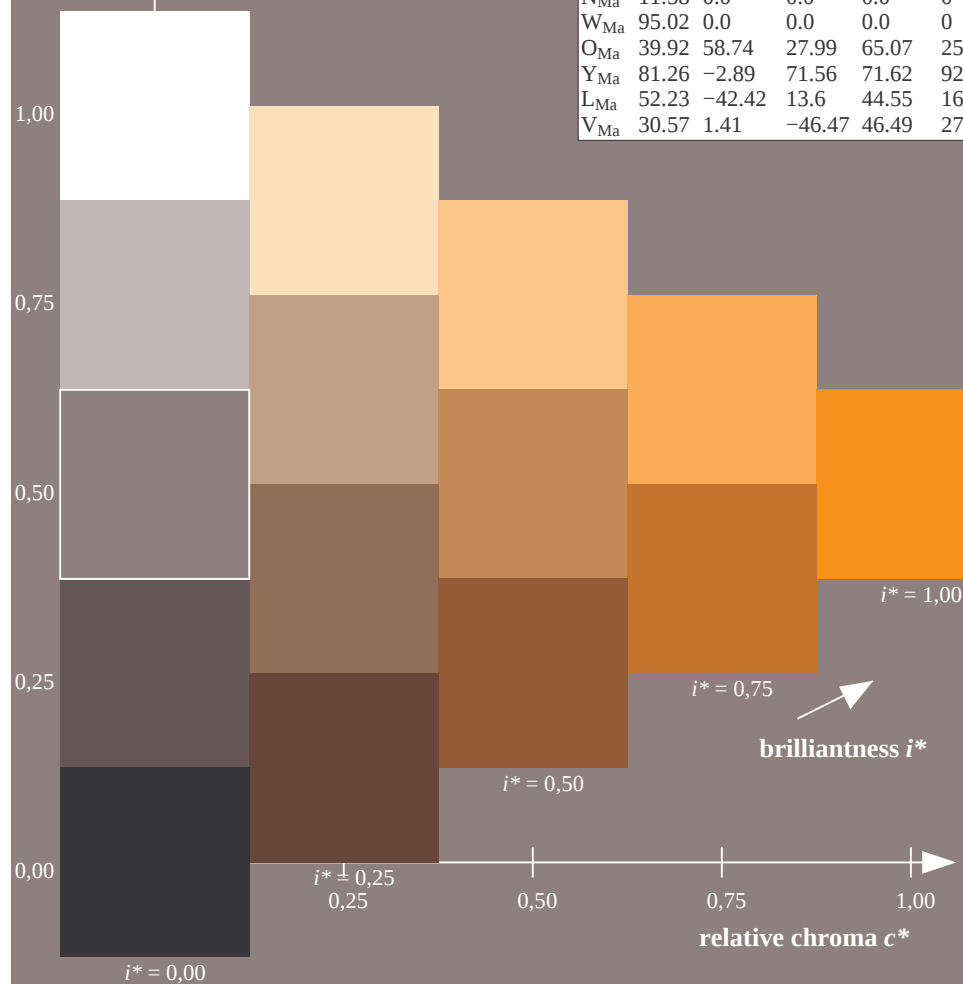
$LAB^*LCH^*_{Ma}$: 58 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

$u^*_d = o75y$

data for any colour:

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

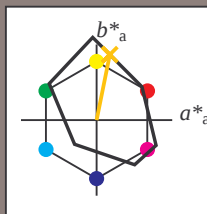
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 70 17 87

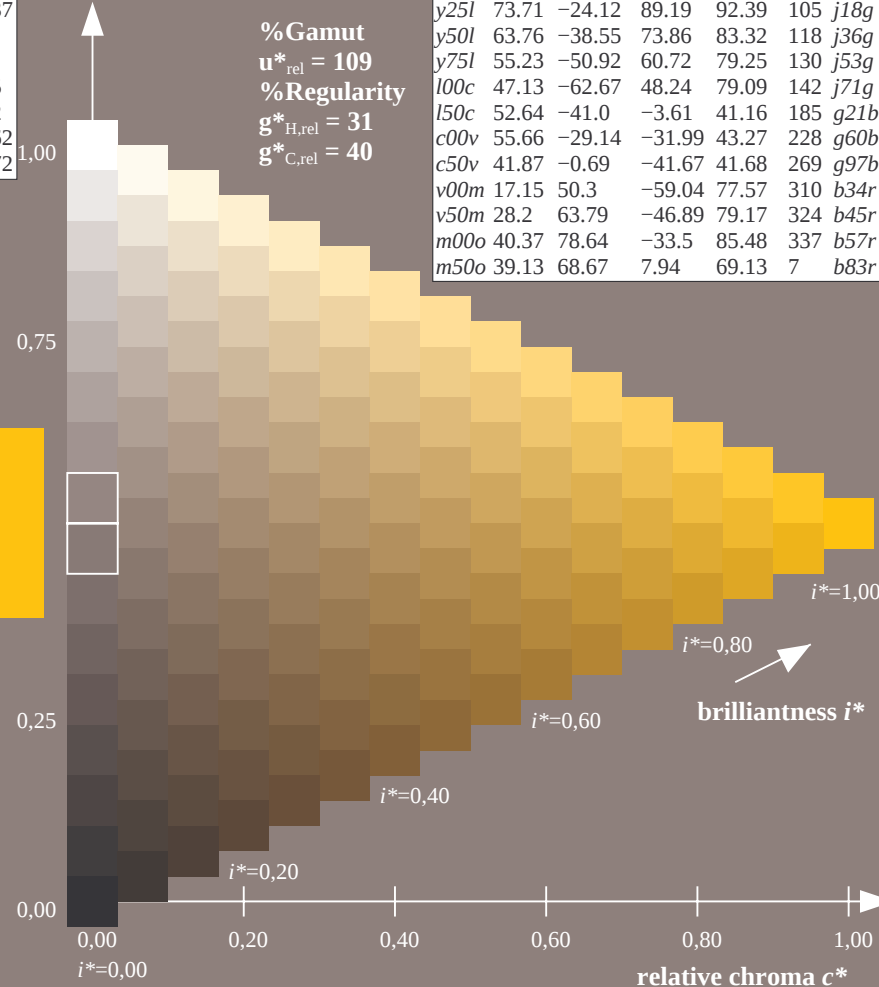
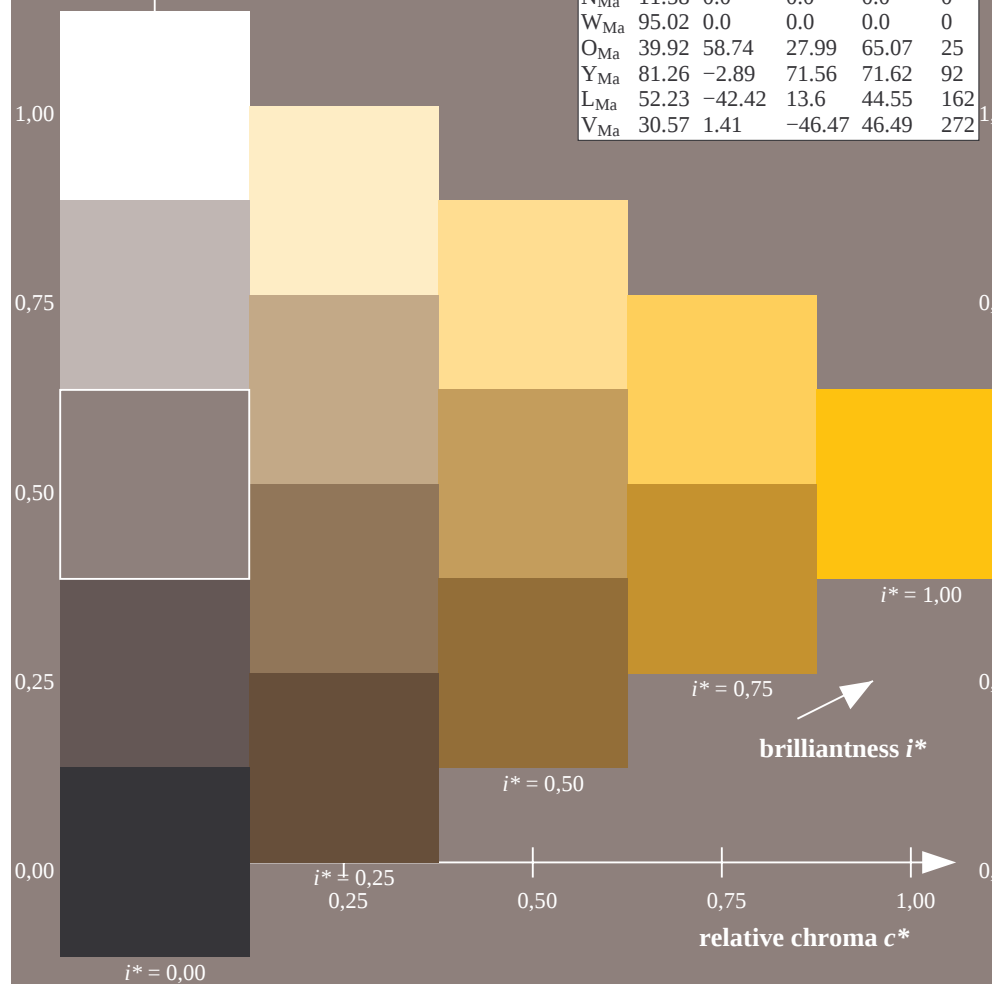
$LAB^*LCH^*_{Ma}$: 70 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$

data for any colour:

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

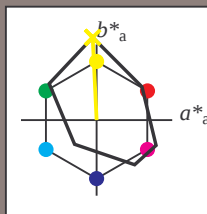
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 87 -5 109

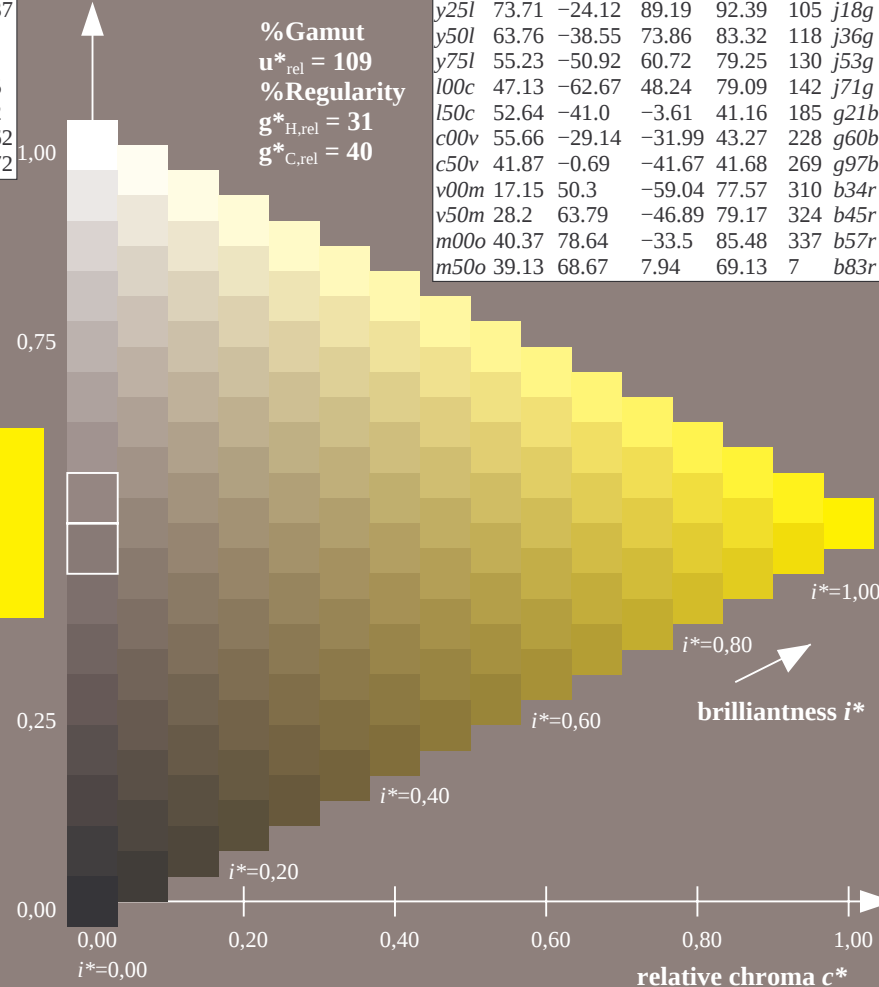
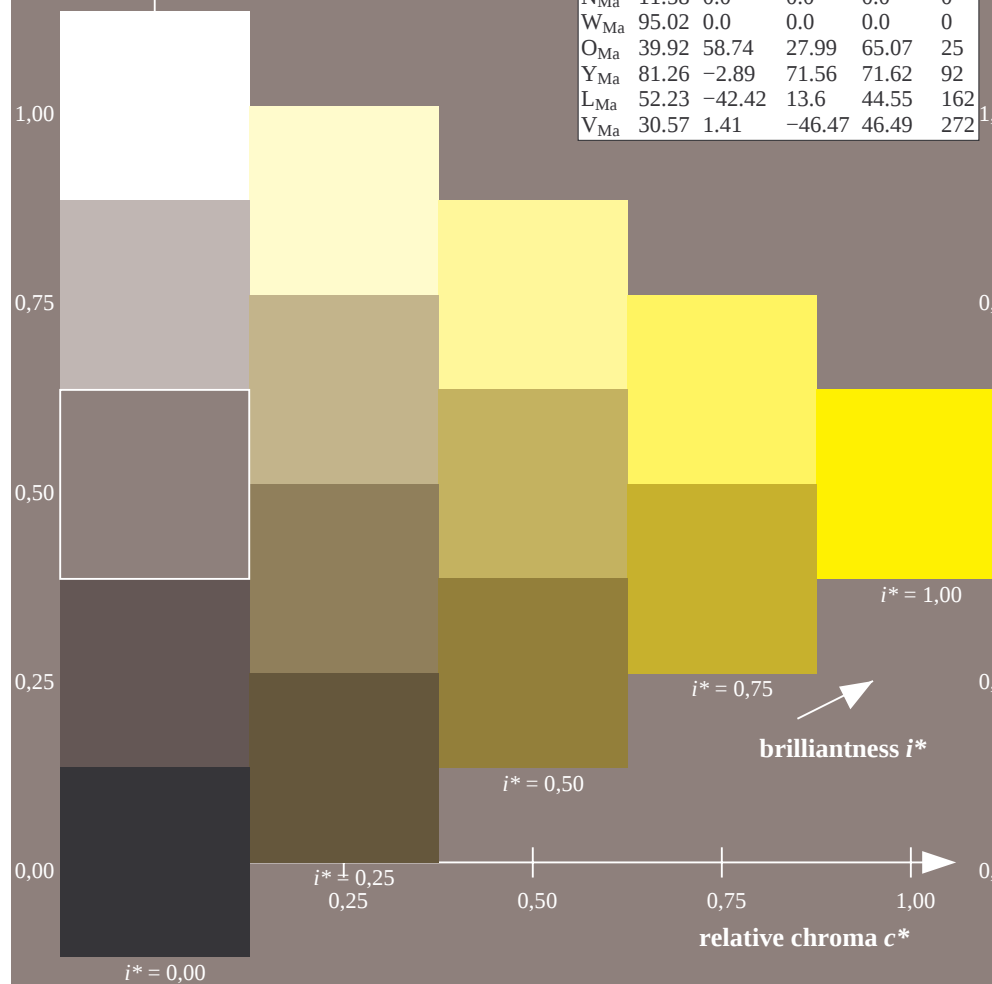
$LAB^*LCH^*_{Ma}$: 87 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$

data for any colour:

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

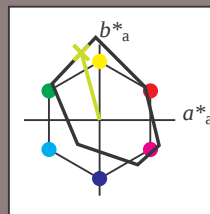
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 74 -24 89

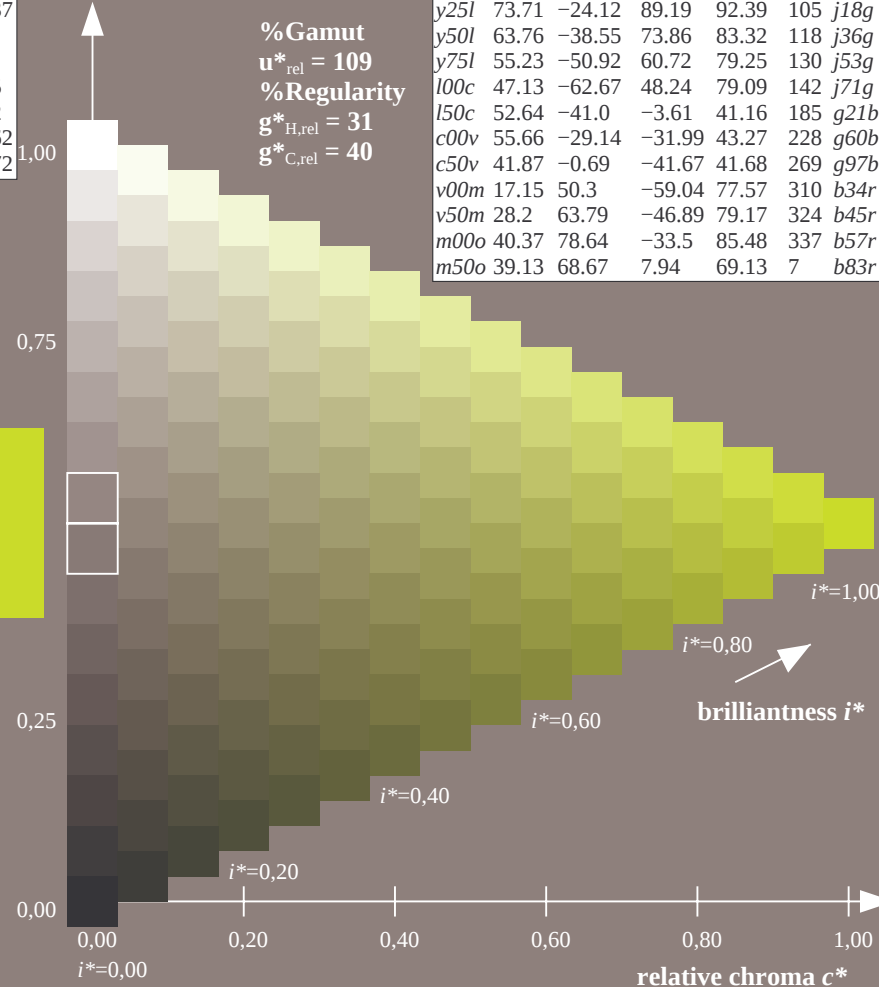
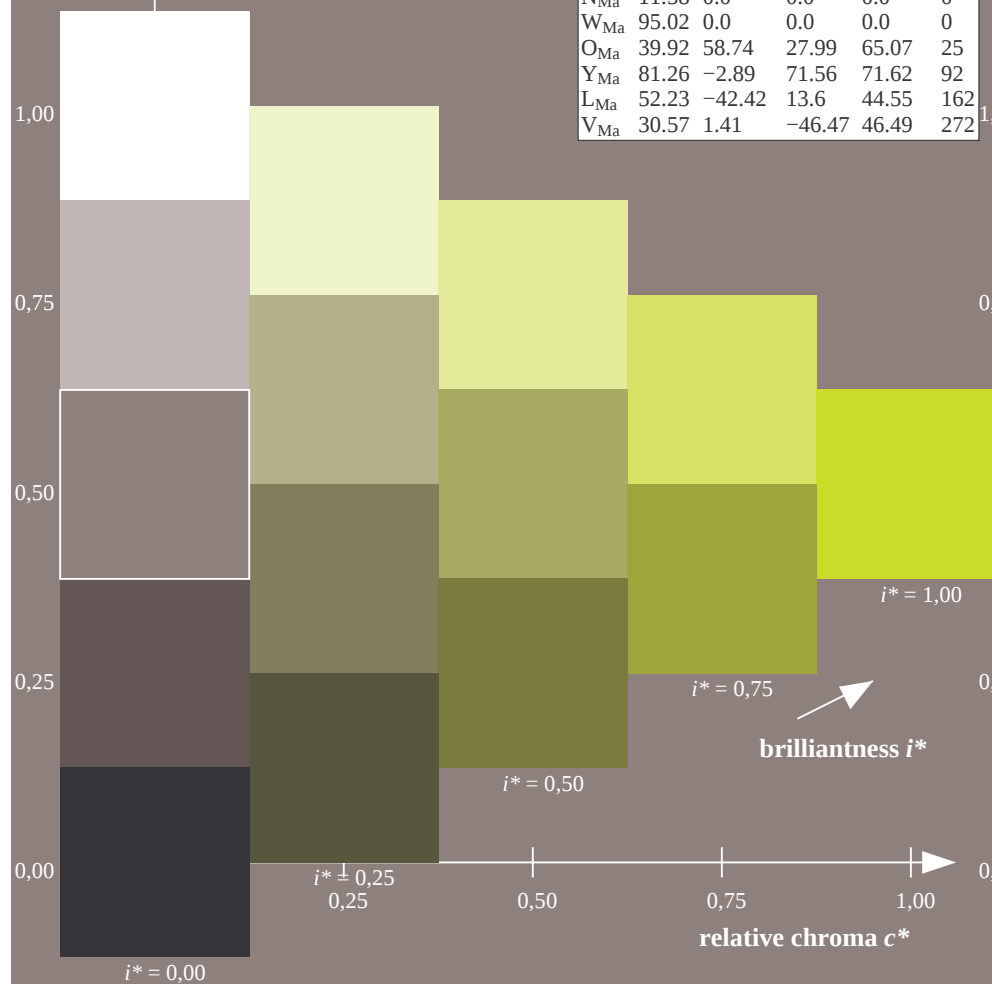
$LAB^*LCH^*_{Ma}$: 74 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

$u^*_d = y50l$

data for any colour:

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

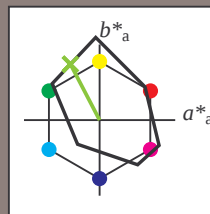
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 64 -39 74

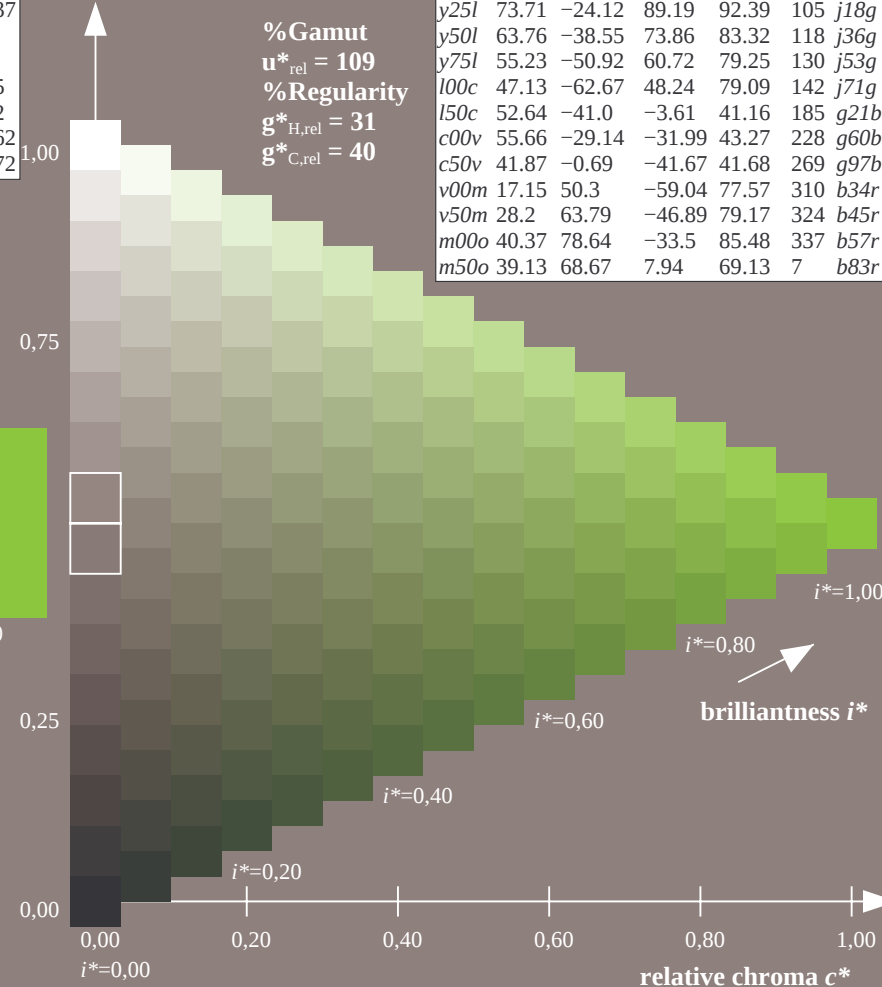
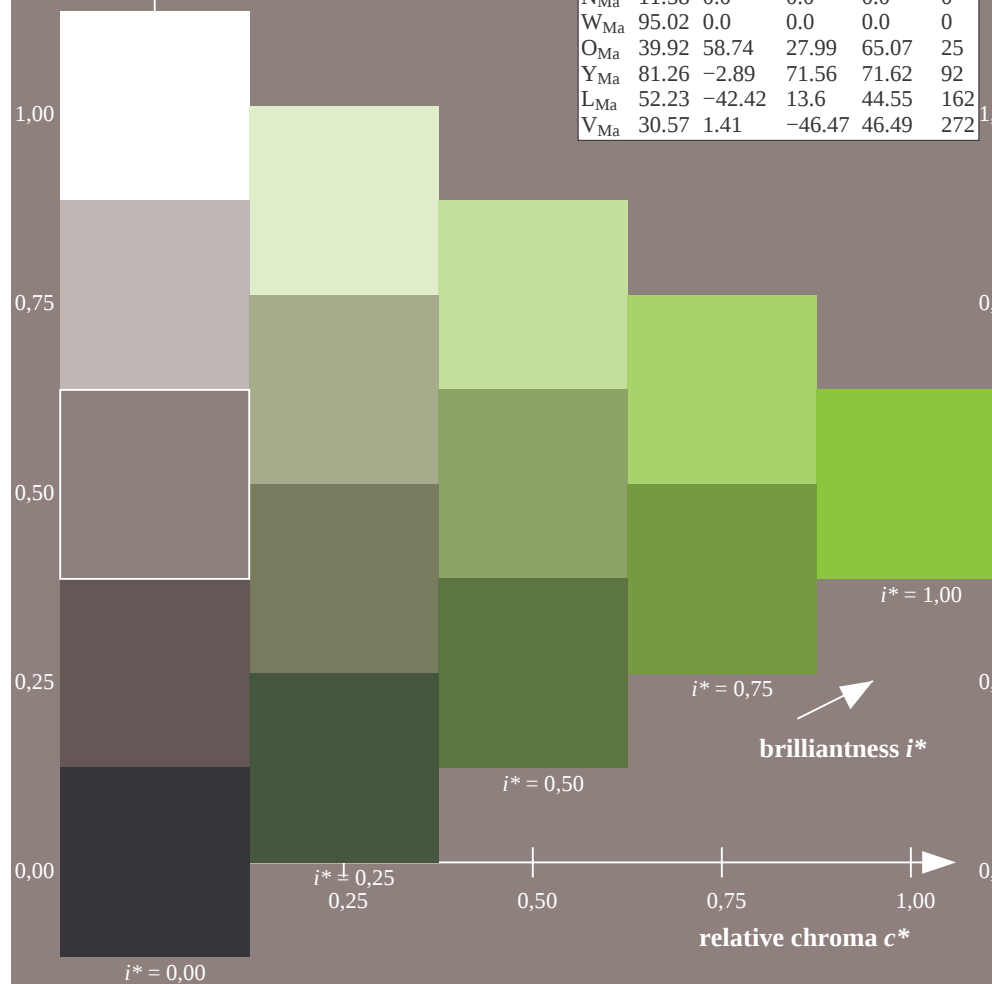
$LAB^*LCH^*_{Ma}$: 64 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

$u^*_d = y75l$

data for any colour:

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

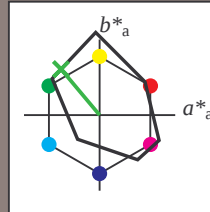
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 55 -51 61

$LAB^*LCH^*_{Ma}$: 55 79 129

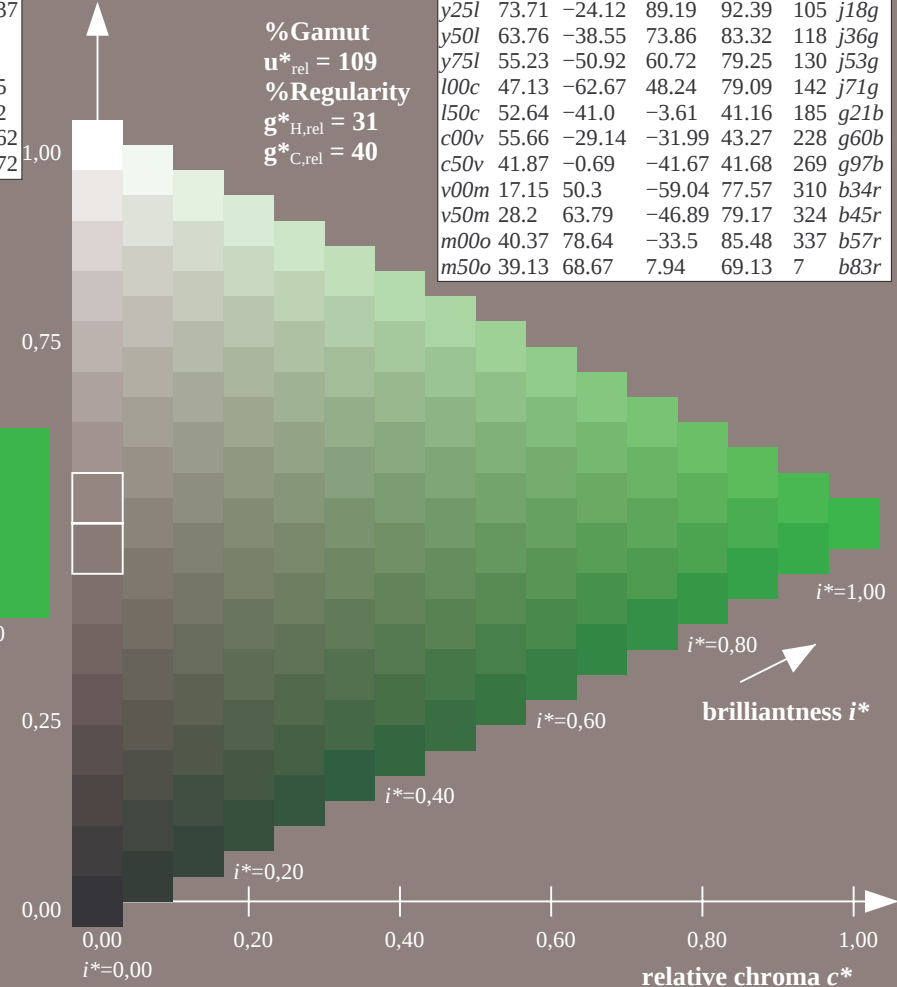
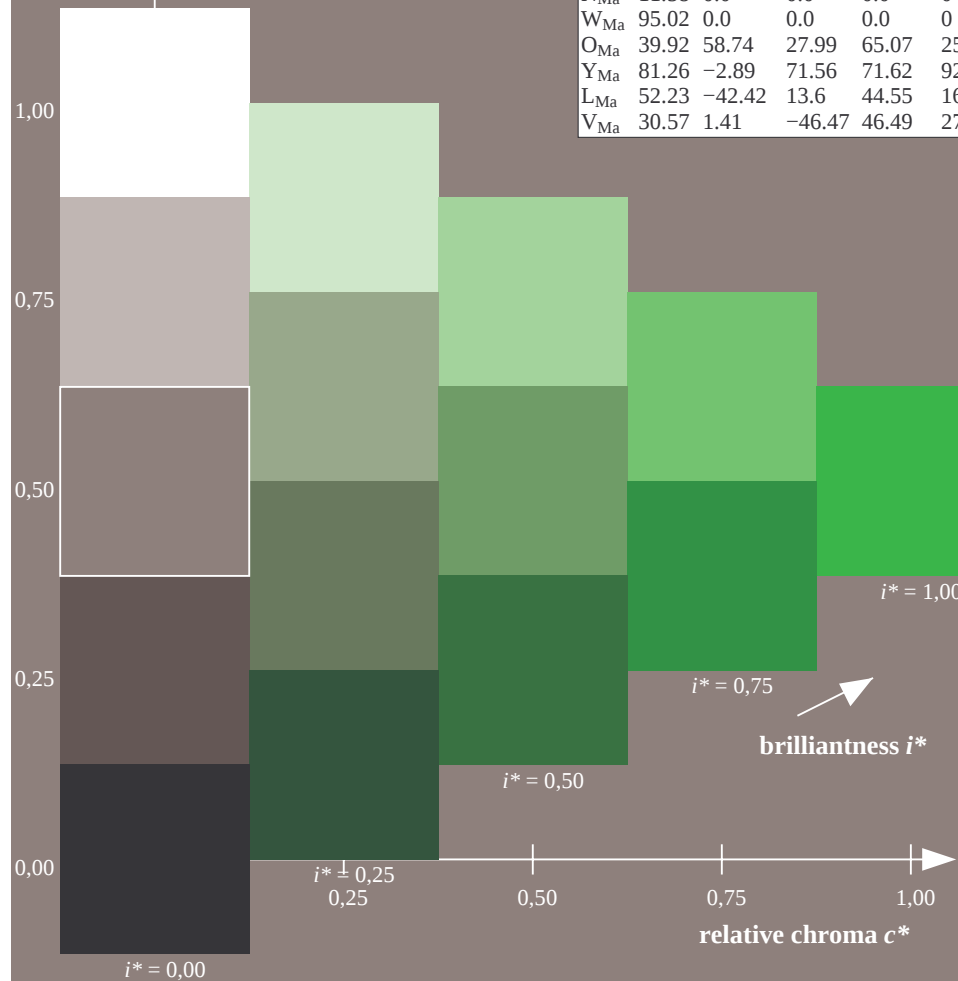
$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 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
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

$u^*_d = 100c$

data for any colour:

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

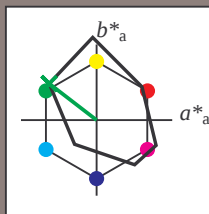
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 47 -63 48

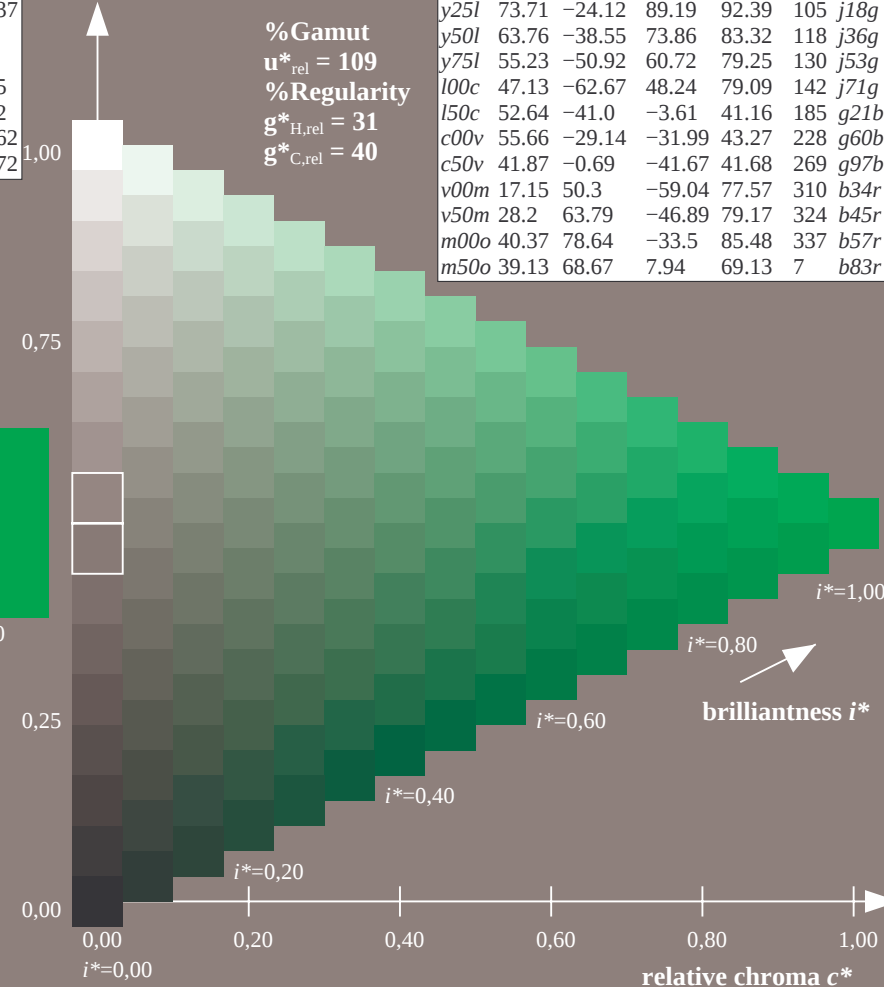
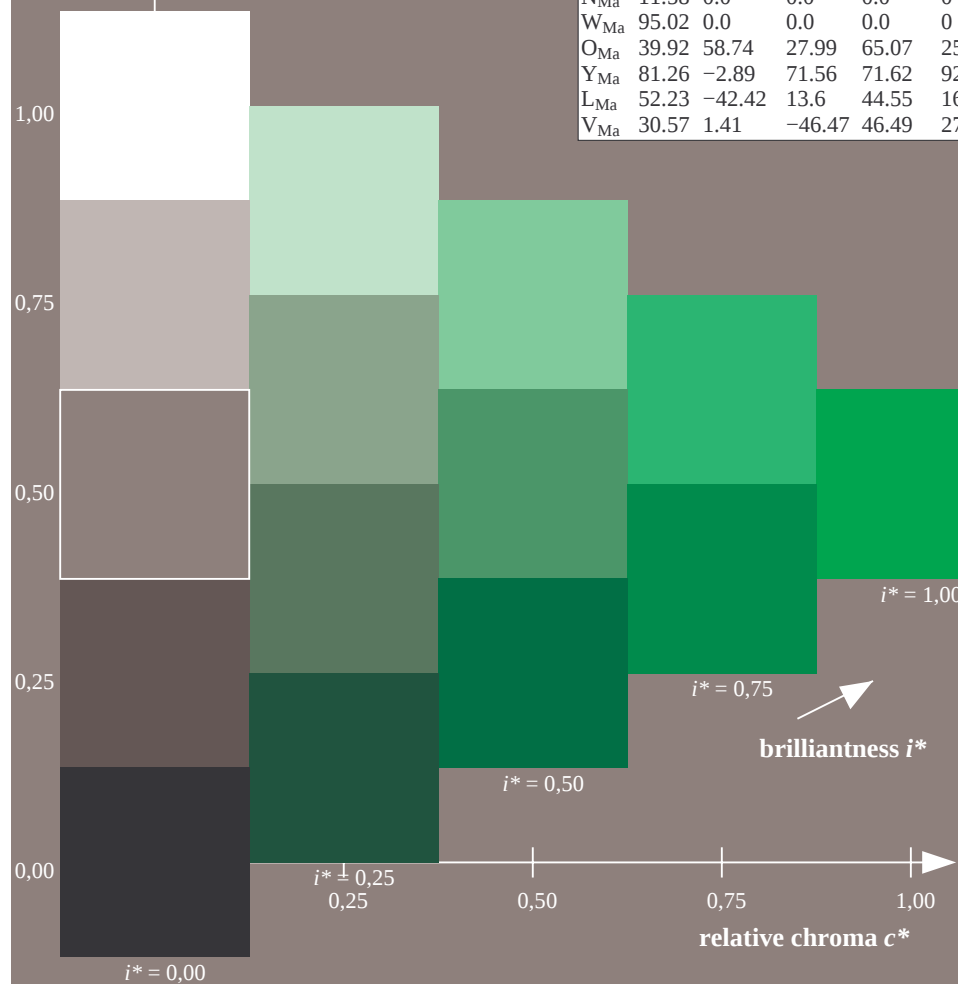
$LAB^*LCH^*_{Ma}$: 47 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

$u^*_d = 150c$

data for any colour:

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

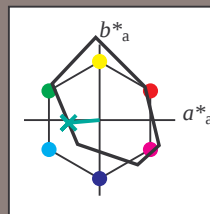
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 53 -41 -4

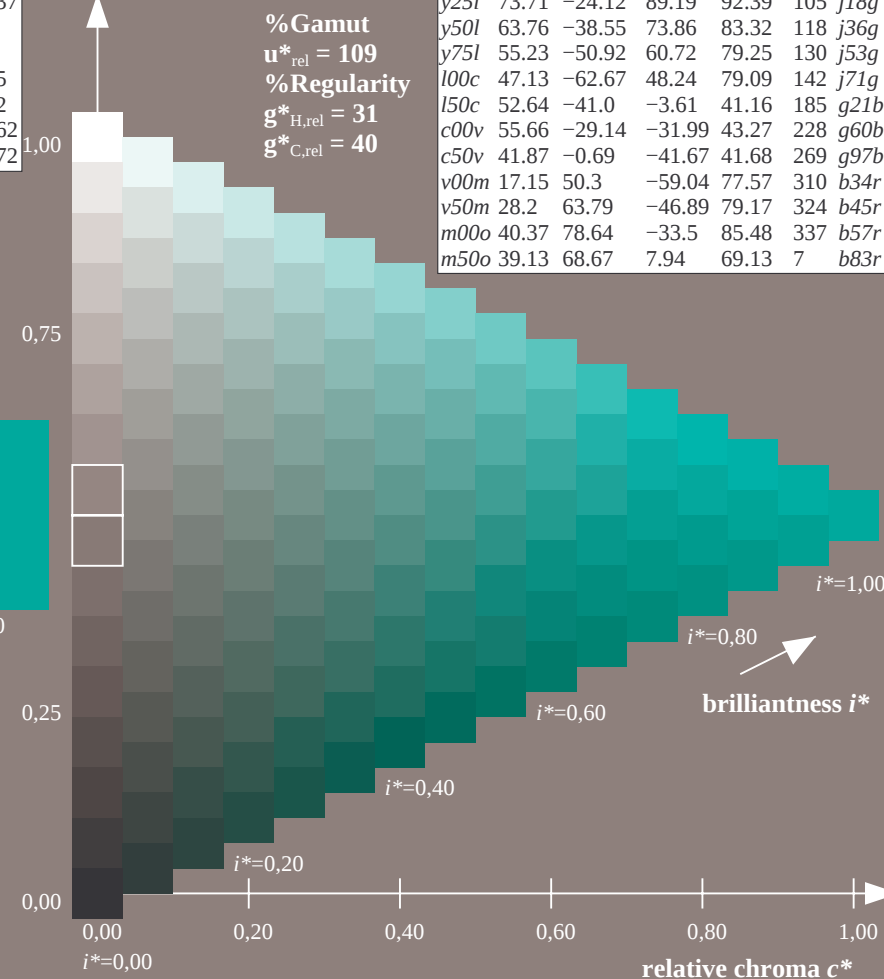
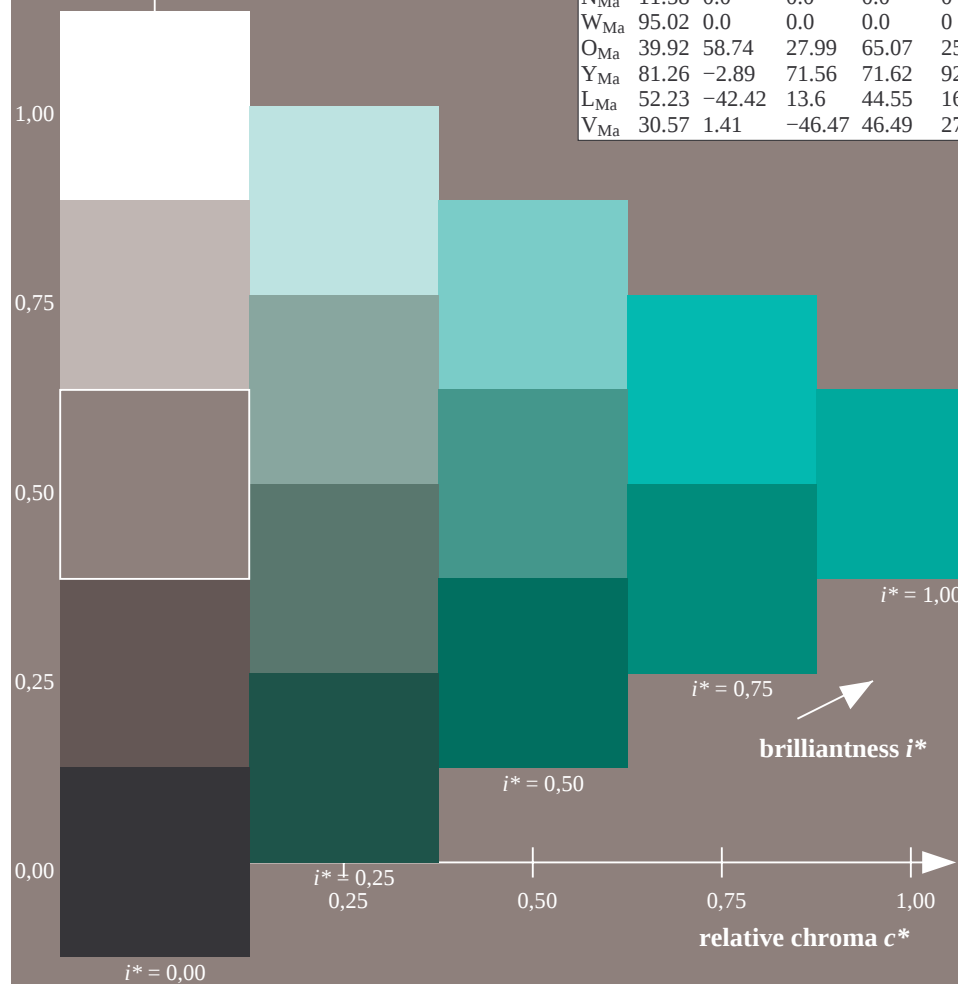
$LAB^*LCH^*_{Ma}$: 53 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$

data for any colour:

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

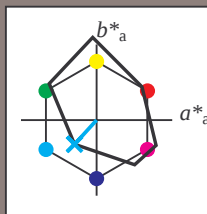
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 56 -29 -32

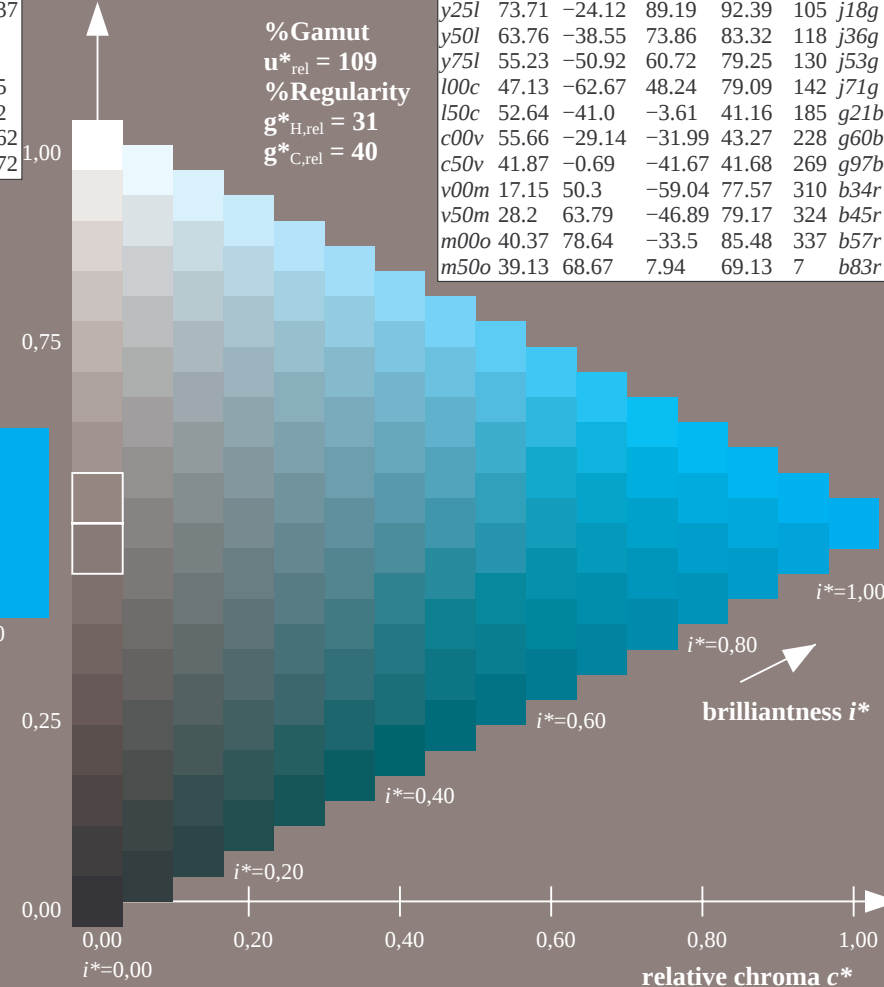
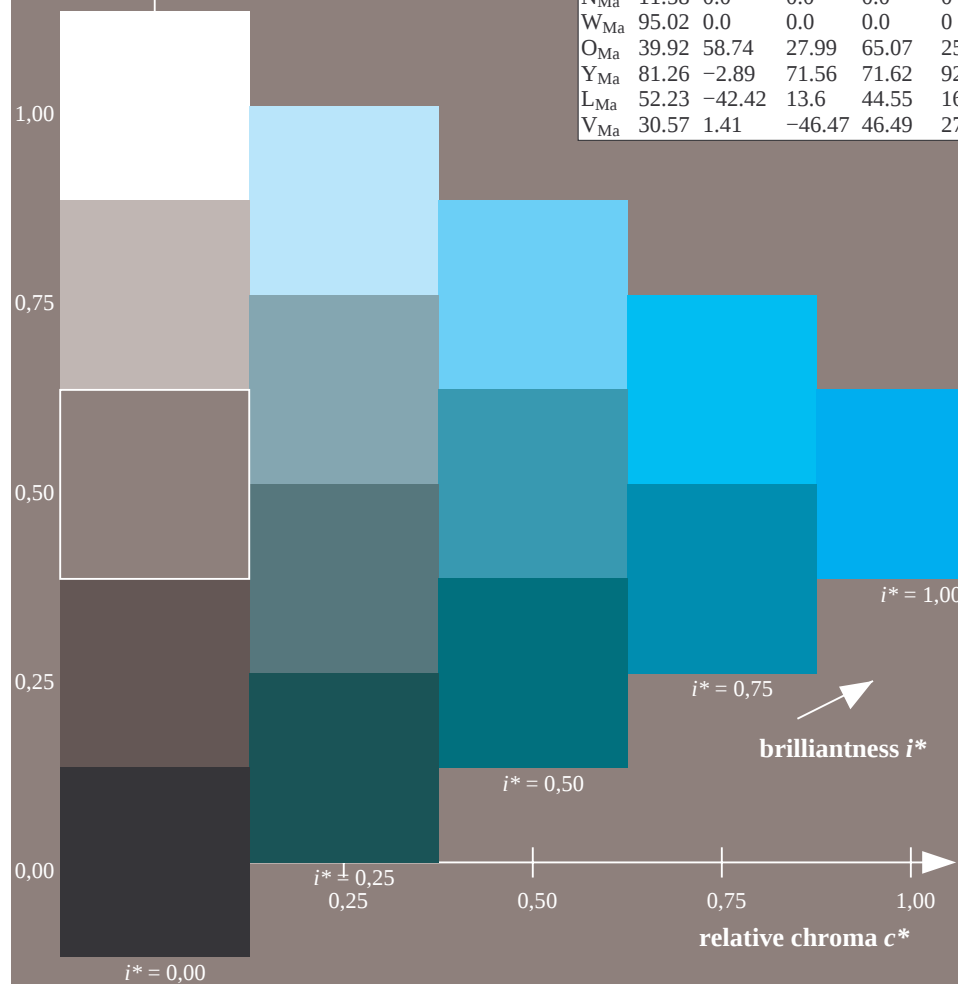
$LAB^*LCH^*_{Ma}$: 56 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

$u^*_d = c50v$

data for any colour:

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

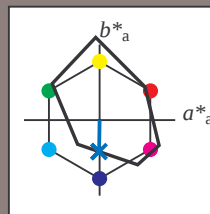
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 42 -1 -42

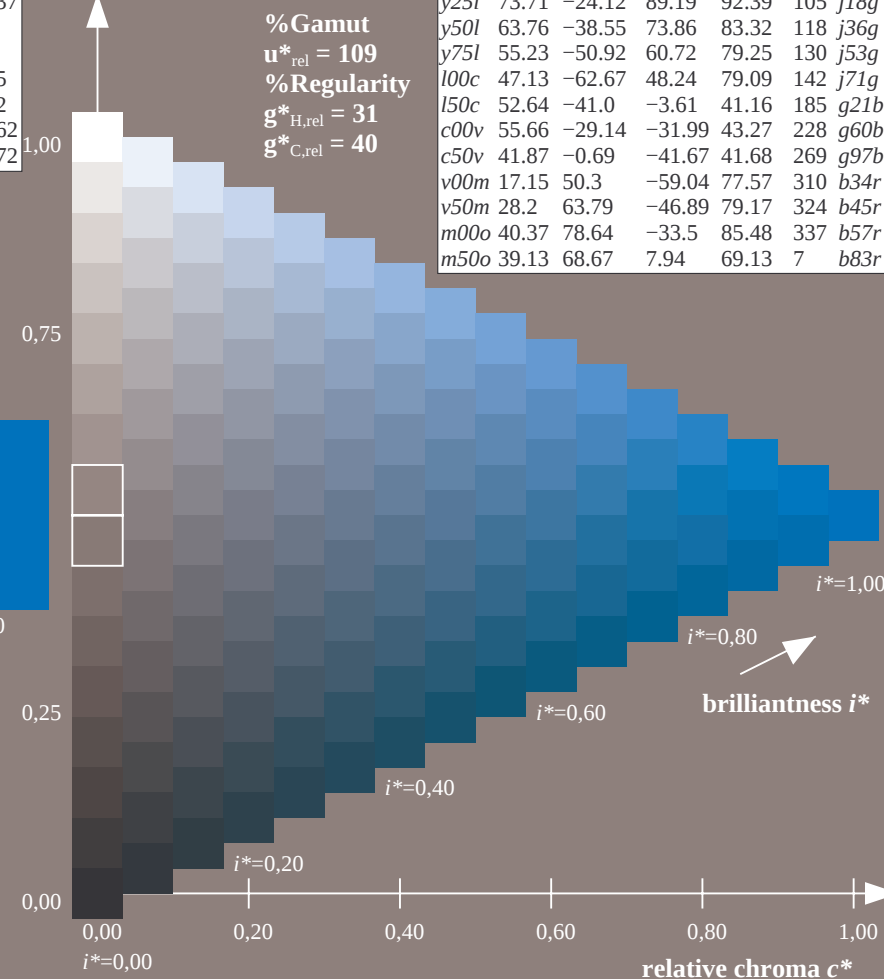
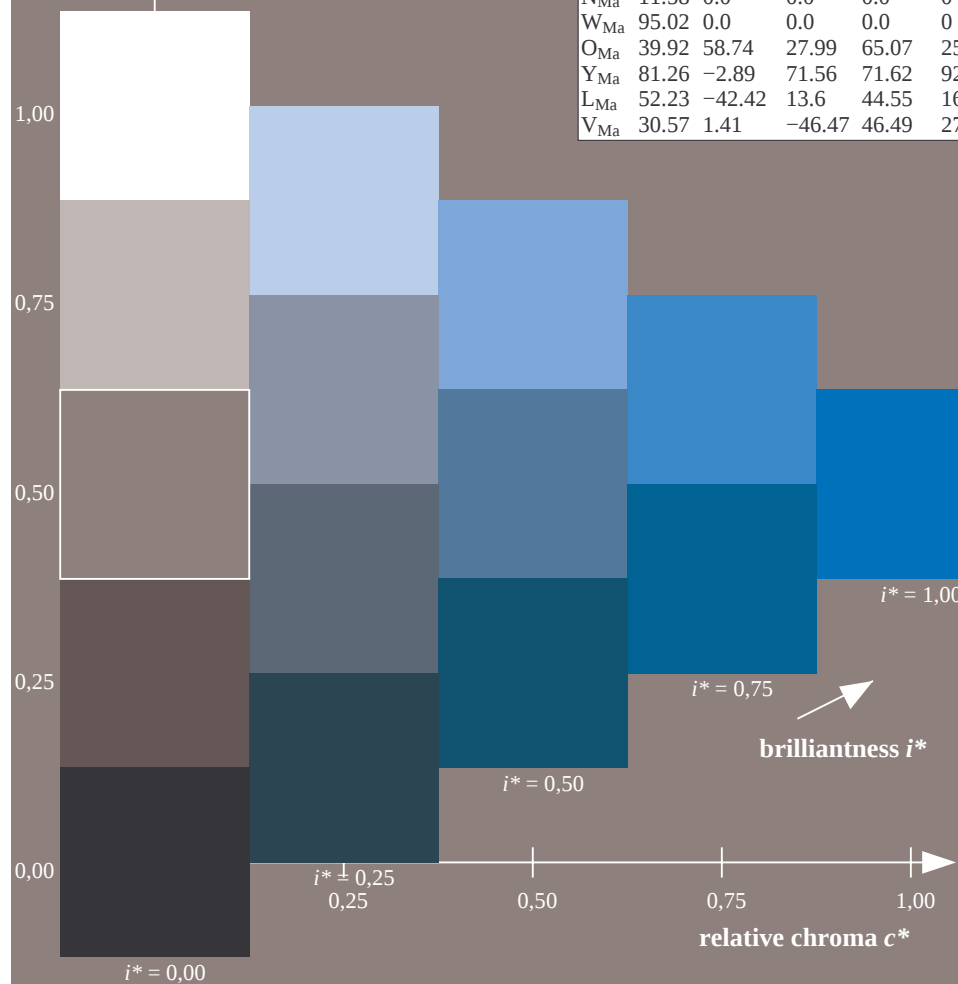
$LAB^*LCH^*_{Ma}$: 42 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

$u^*_d = v00m$

data for any colour:

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

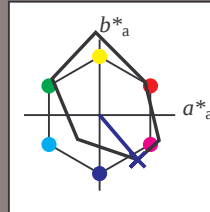
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	38.06	60.0	44.0	74.4	36	
Y_{Ma}	86.77	-5.17	109.32	109.44	93	
L_{Ma}	47.13	-62.67	48.24	79.09	142	
C_{Ma}	55.66	-29.14	-31.99	43.27	228	
V_{Ma}	17.15	50.3	-59.04	77.57	310	
M_{Ma}	40.37	78.64	-33.5	85.48	337	
N_{Ma}	11.58	0.0	0.0	0.0	0	
W_{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 17 50 -59

$LAB^*LCH^*_{Ma}$: 17 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

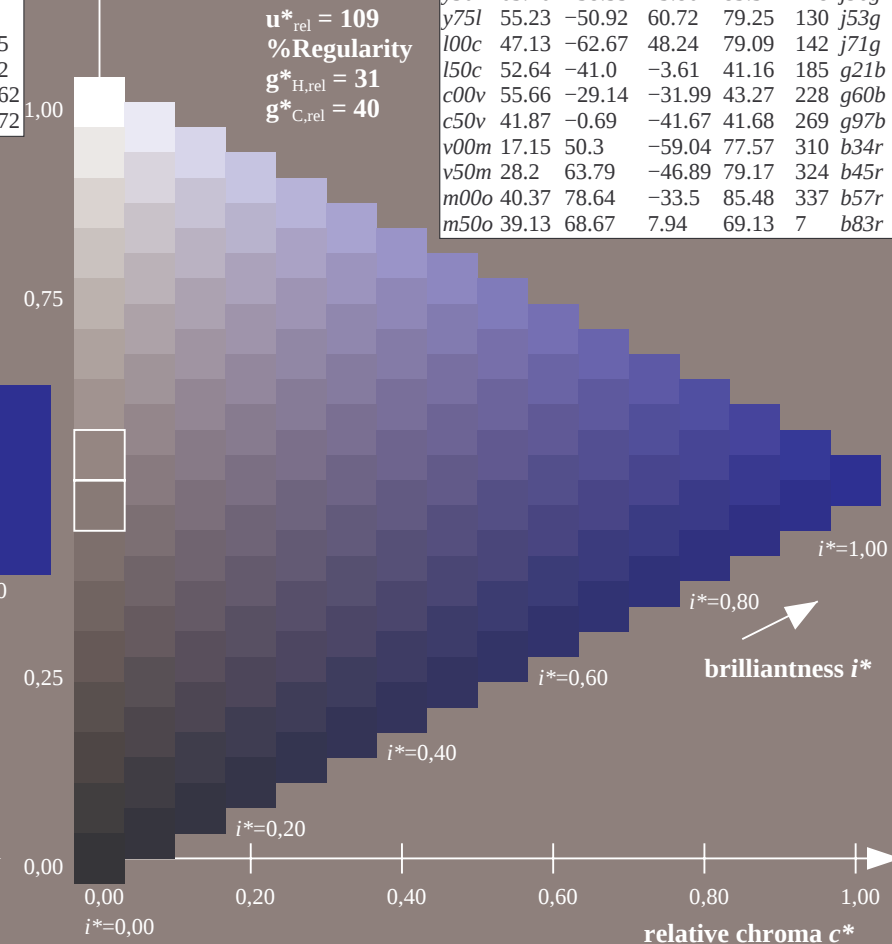
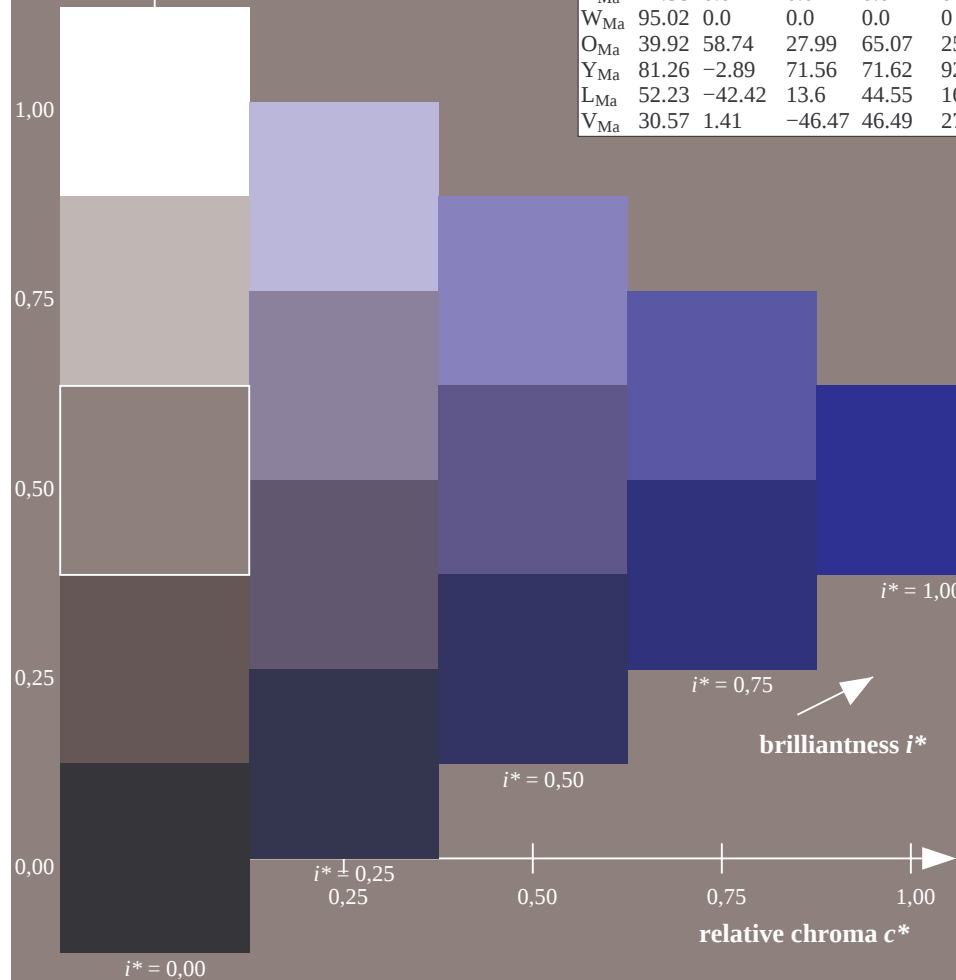
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

$u^*_d = v50m$

data for any colour:

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

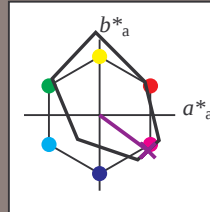
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 28 64 -47

$LAB^*LCH^*_{Ma}$: 28 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

%Gamut

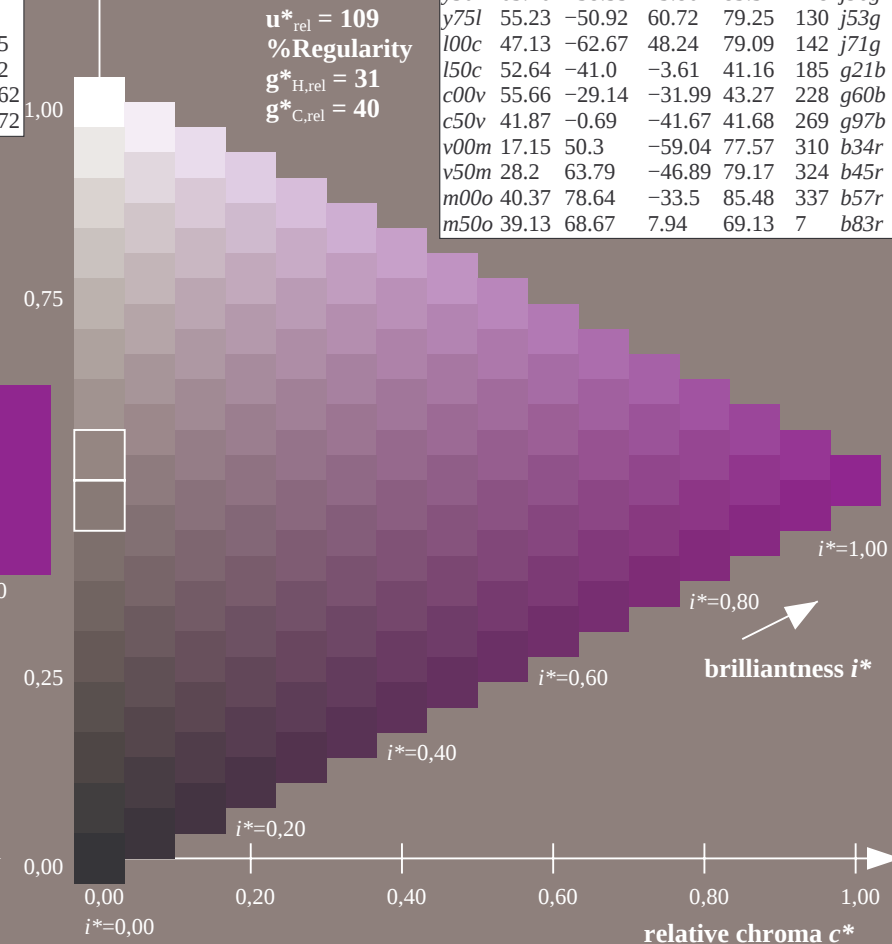
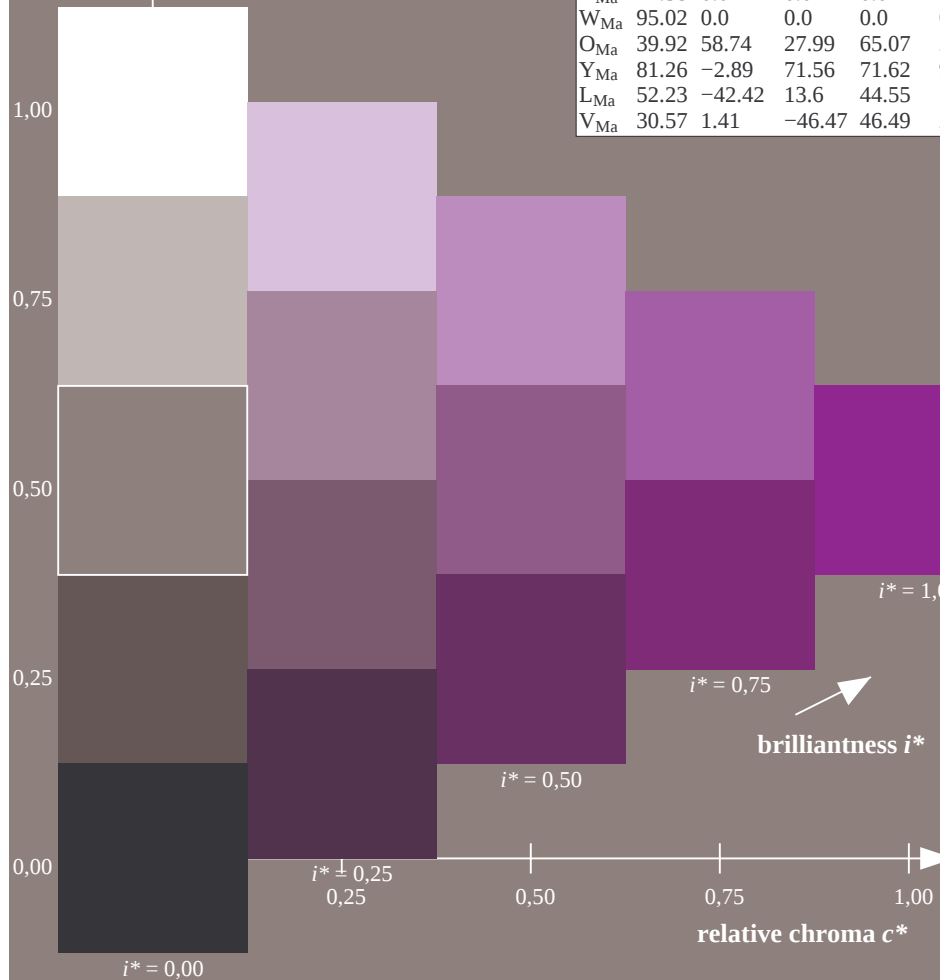
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$

data for any colour:

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

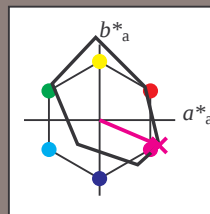
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}: 40\ 79\ -34$

$LAB^*LCH^*_{Ma}: 40\ 85\ 336$

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

$lab^*rgb^*_{Ma}: 1.0\ 0.0\ 0.85$

triangle lightness t^*

%Gamut

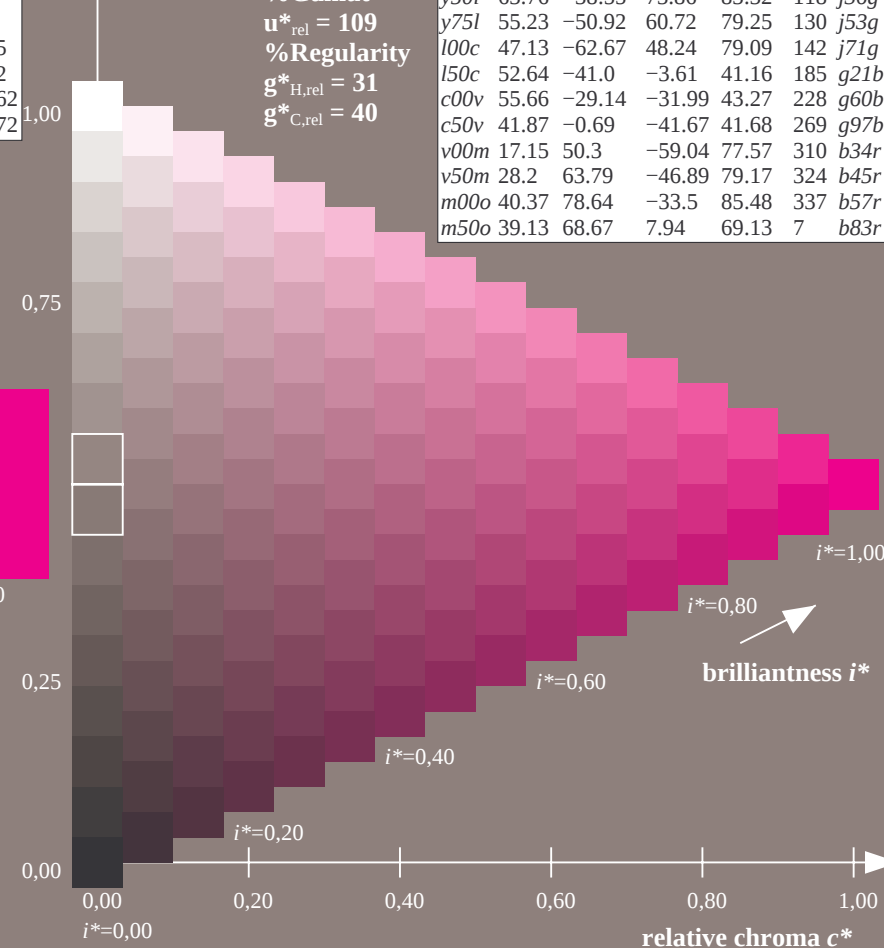
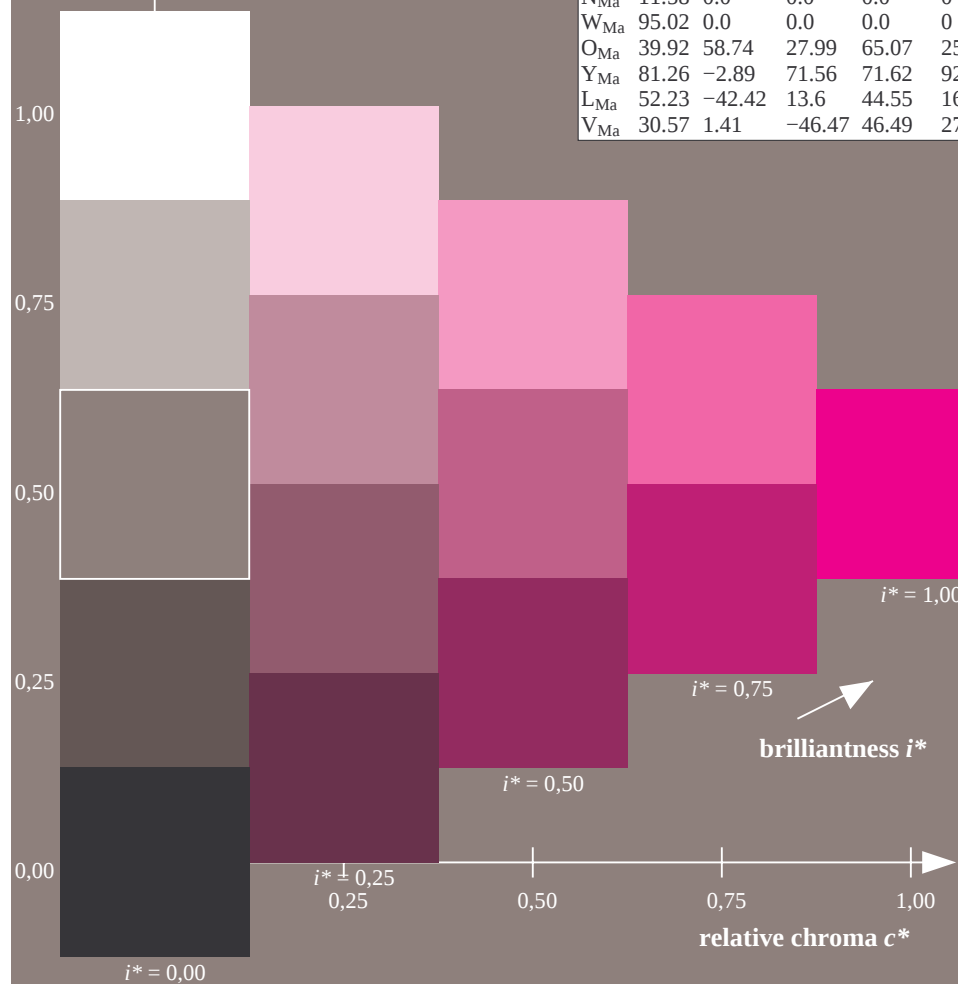
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

$u^*_d = m50o$

data for any colour:

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

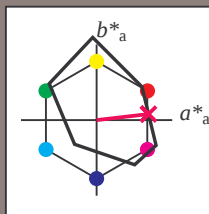
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}: 39\ 69\ 8$

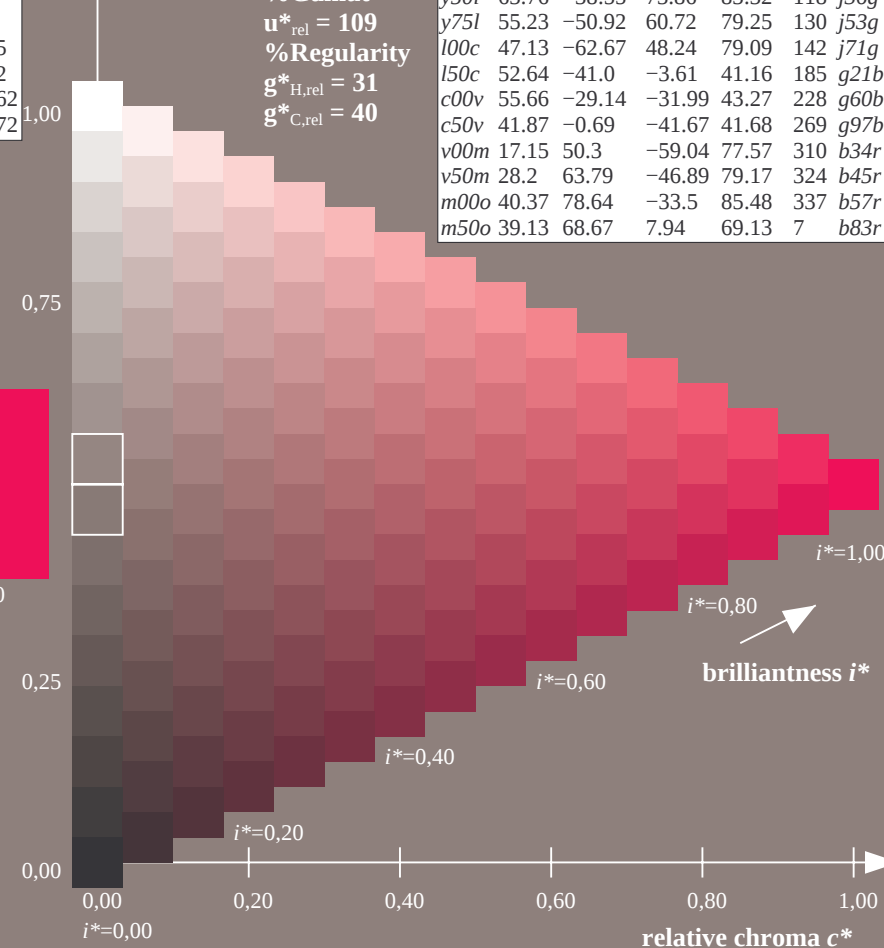
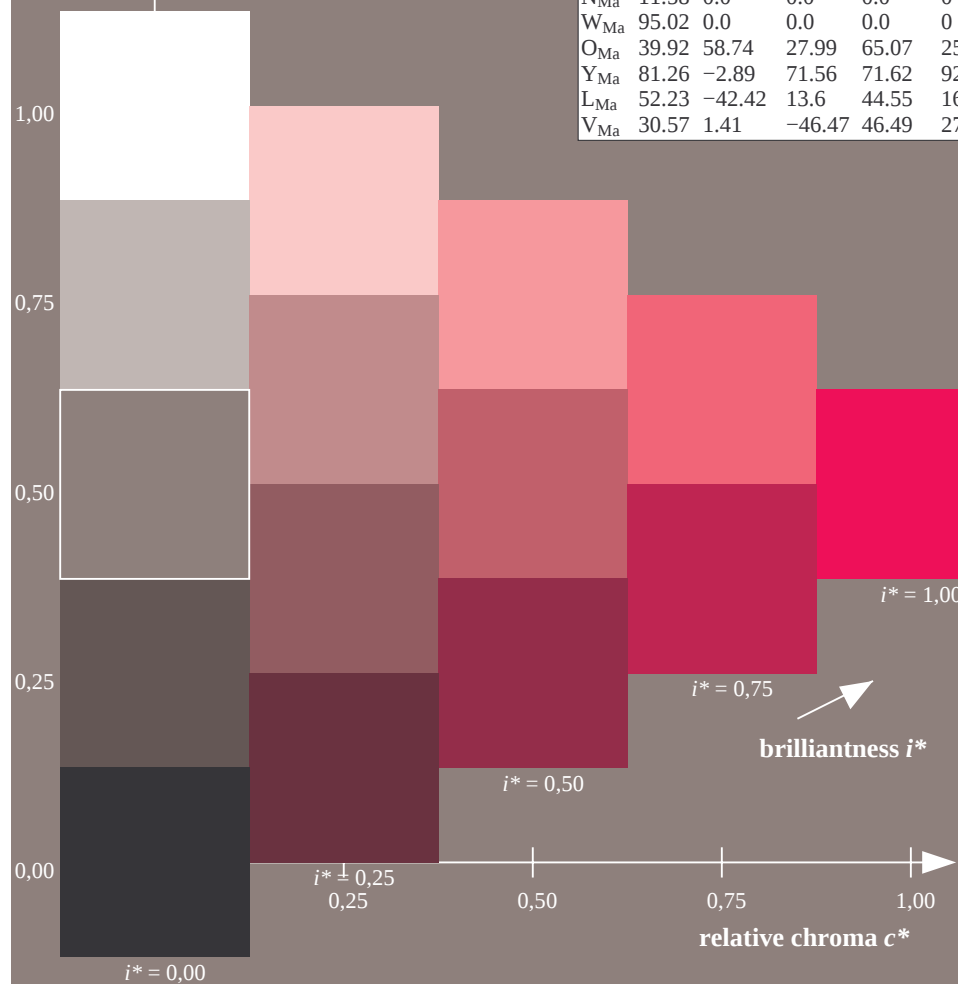
$LAB^*LCH^*_{Ma}: 39\ 69\ 6$

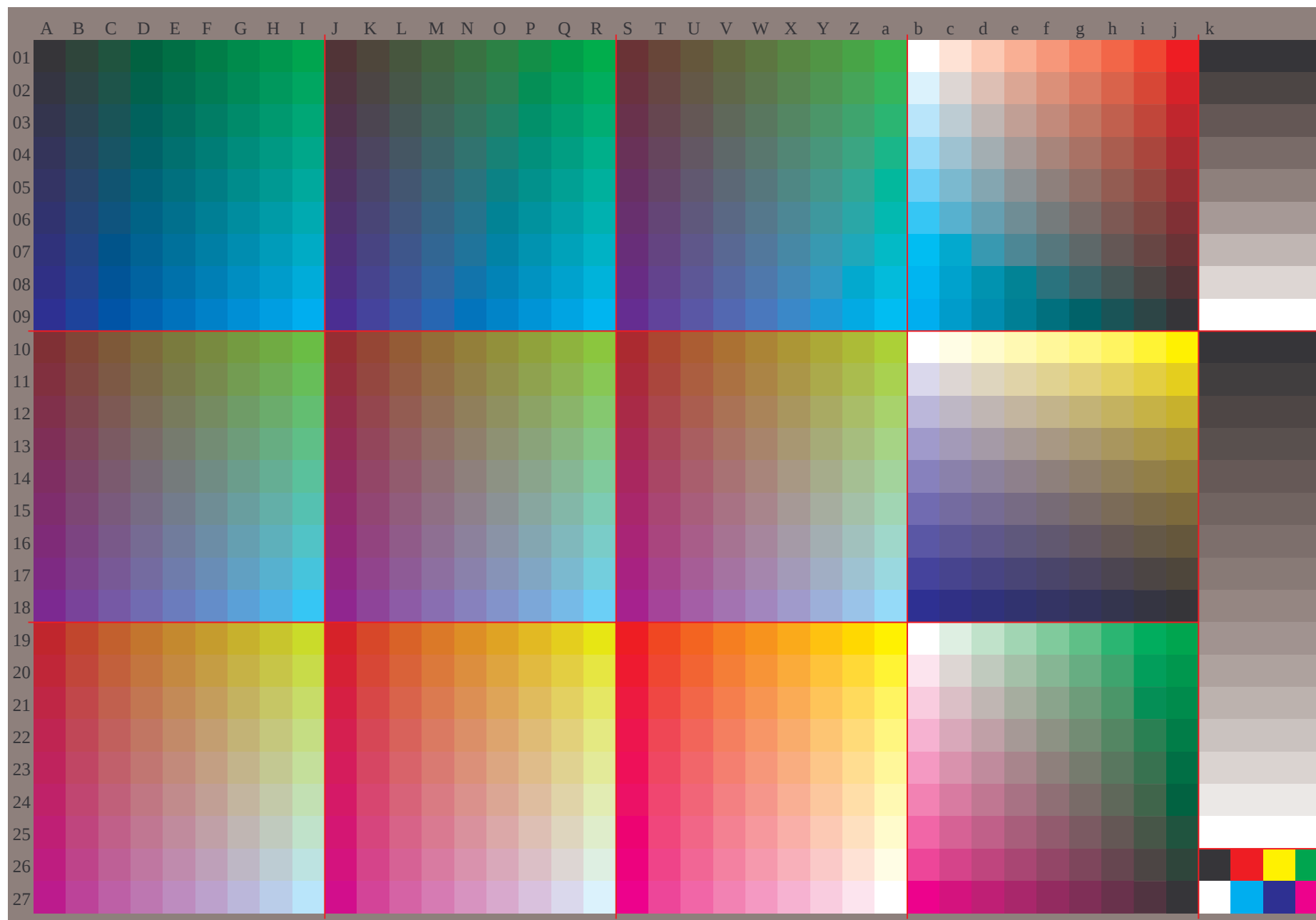
$lab^*olv^*_{Ma}: 1.0\ 0.0\ 0.5$

$lab^*rgb^*_{Ma}: 1.0\ 0.0\ 0.33$

triangle lightness t^*

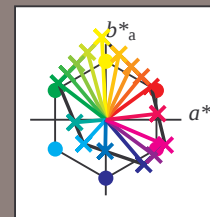
FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	





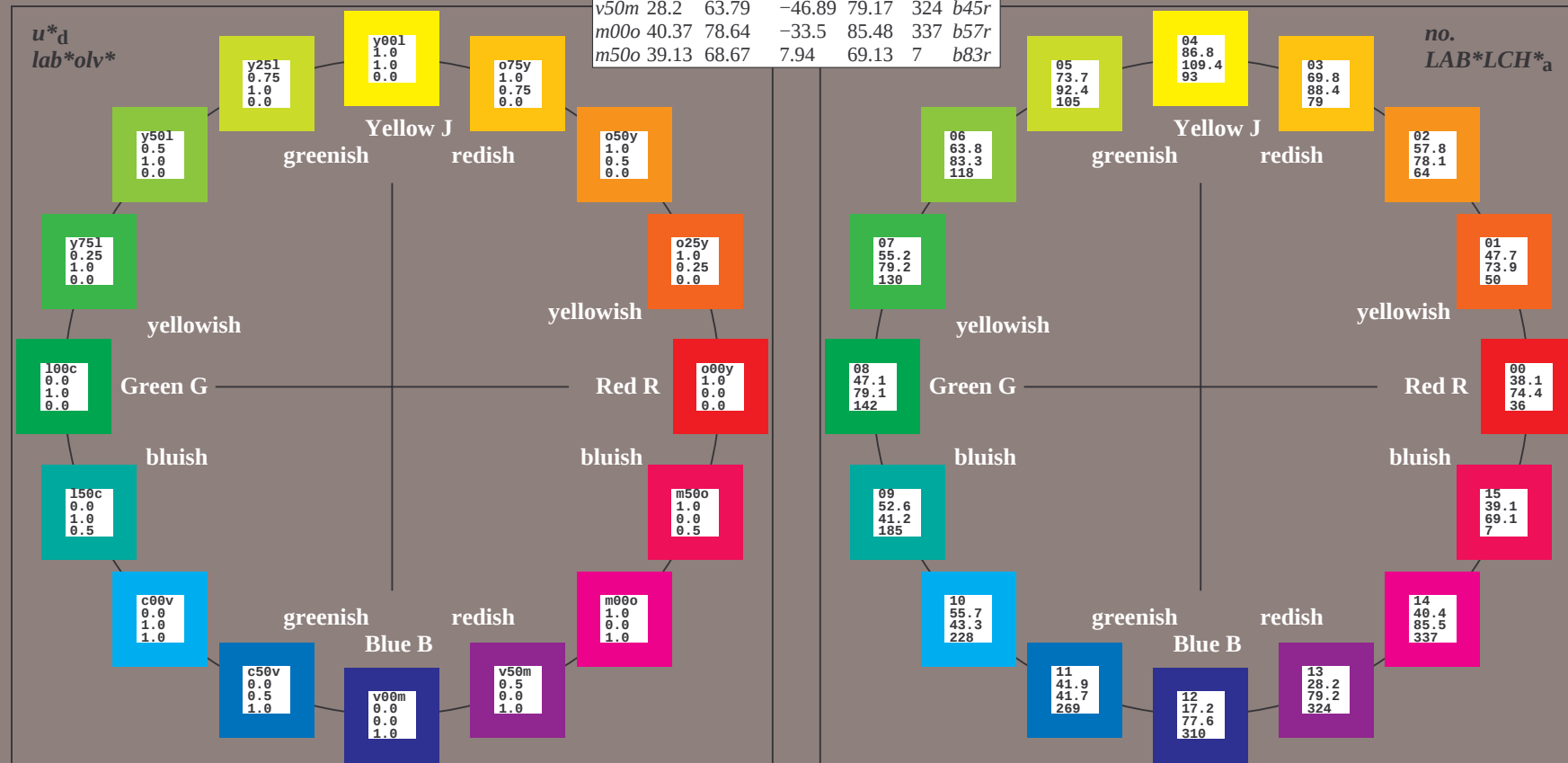
Input and output:
 Colorimetric Printer Reflective System FRS12_95a
 data for any colour:
 u^*_d and number *no.* = 00 .. 15
 device hue text:
 u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
 contrast reduction factor:
 $c_R = 1.0$

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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



%Gamut
 $u^*_{rel} = 109$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.06	60.0	44.0	74.4	36
Y _{Ma}	86.77	-5.17	109.32	109.44	93
L _{Ma}	47.13	-62.67	48.24	79.09	142
C _{Ma}	55.66	-29.14	-31.99	43.27	228
V _{Ma}	17.15	50.3	-59.04	77.57	310
M _{Ma}	40.37	78.64	-33.5	85.48	337
N _{Ma}	11.58	0.0	0.0	0.0	0
W _{Ma}	95.02	0.0	0.0	0.0	0
O _{CIE}	39.92	58.74	27.99	65.07	25
Y _{CIE}	81.26	-2.89	71.56	71.62	92
L _{CIE}	52.23	-42.42	13.6	44.55	162
V _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

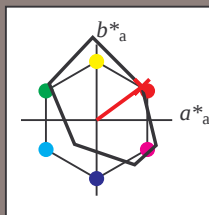
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 38 60 44

$LAB^*LCH^*_{Ma}$: 38 74 36

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

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

triangle lightness t^*

%Gamut

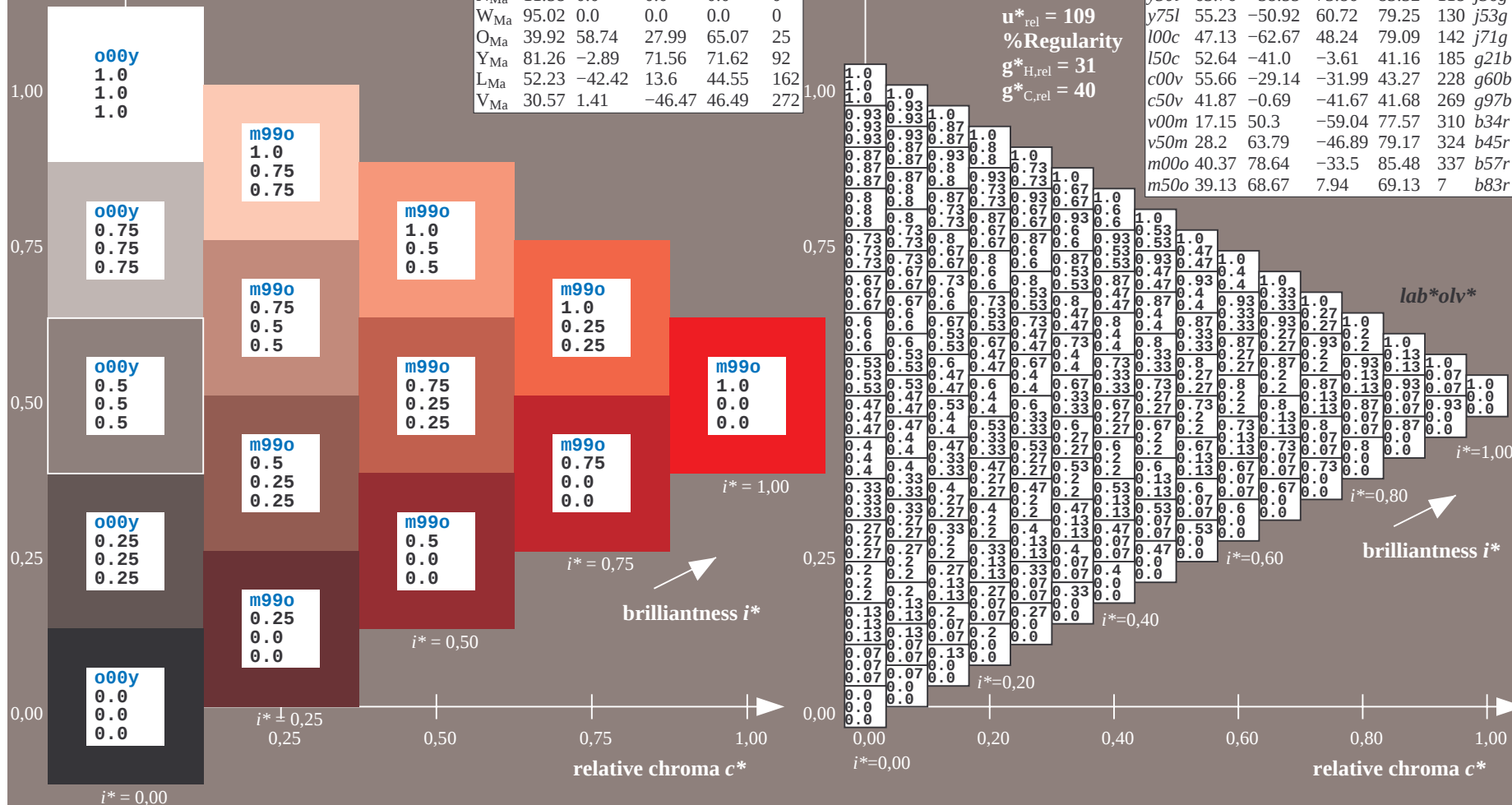
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12.95$ for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

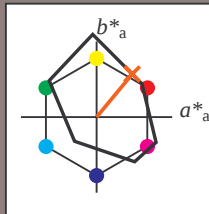
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 48 47 57

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 48 74 50

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 1.0 0.25 0.0

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

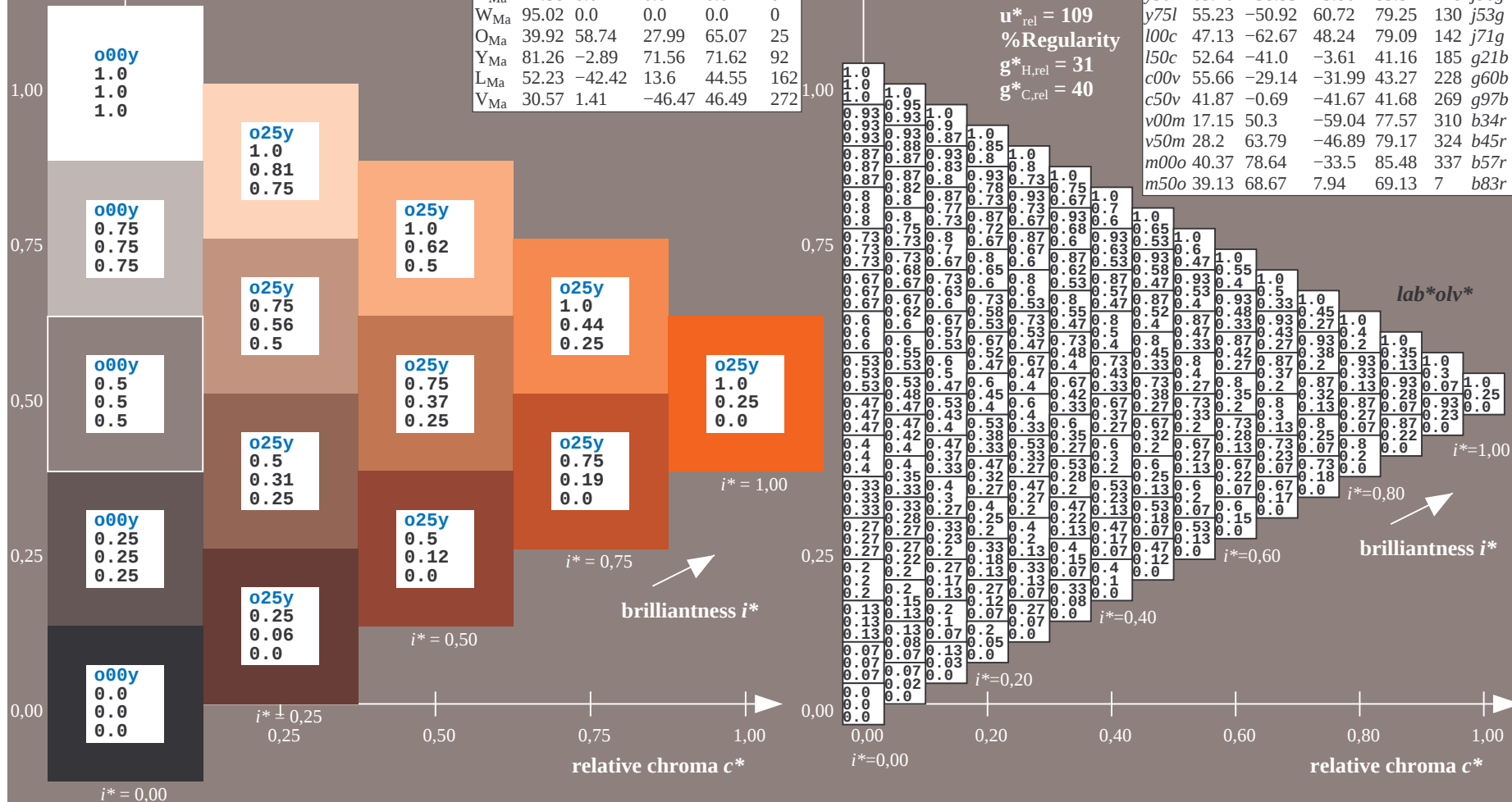
$u^*_{\text{rel}} = 109$

% Regularity

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

$g^*_{C,\text{rel}} = 40$

FRS12_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	38.06	60.0	44.0	74.4	36	r16j		
o25y	47.68	47.13	56.9	73.88	50	r37j		
o50y	57.77	33.62	70.44	78.05	64	r58j		
o75y	69.84	17.48	86.62	88.37	79	r79j		
y00l	86.77	-5.17	109.32	109.44	93	j01g		
y25l	73.71	-24.12	89.19	92.39	105	j18g		
y50l	63.76	-38.55	73.86	83.32	118	j36g		
y75l	55.23	-50.92	60.72	79.25	130	j53g		
l00c	47.13	-62.67	48.24	79.09	142	j71g		
l50c	52.64	-41.0	-3.61	41.16	185	g21b		
c00v	55.66	-29.14	-31.99	43.27	228	g60b		
c50v	41.87	-0.69	-41.67	41.68	269	g97b		
v00m	17.15	50.3	-59.04	77.57	310	b34r		
v50m	28.2	63.79	-46.89	79.17	324	b45r		
m00o	40.37	78.64	-33.5	85.48	337	b57r		
m50o	39.13	68.67	7.94	69.13	7	b83r		



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

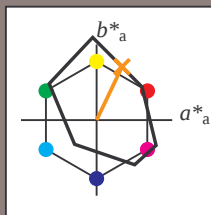
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 58 34 70

$LAB^*LCH^*_{Ma}$: 58 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

% Gamut

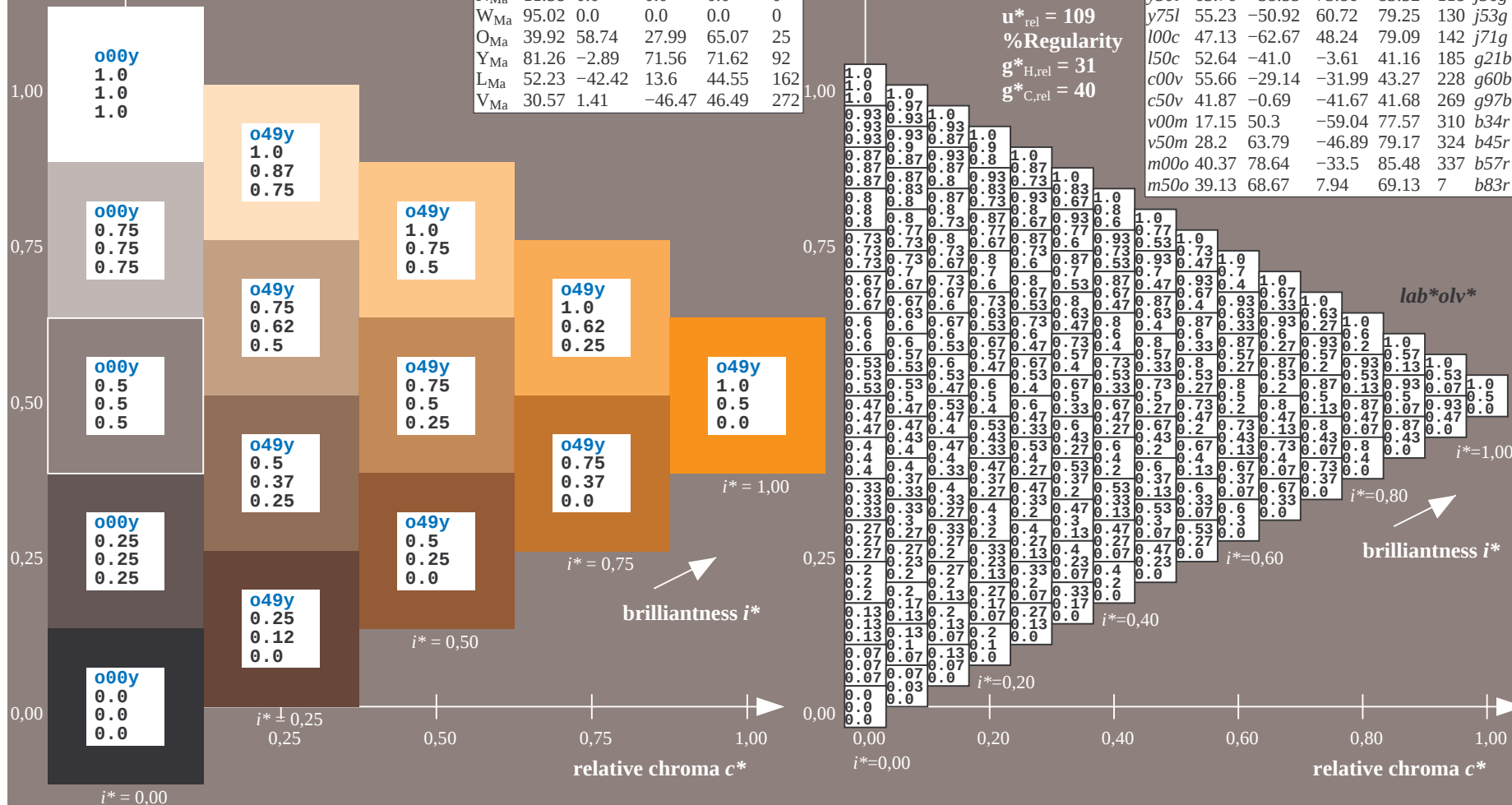
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

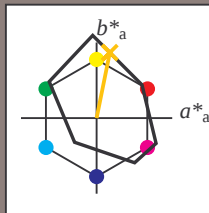
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 70 17 87

$LAB^*LCH^*_{Ma}$: 70 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

% Gamut

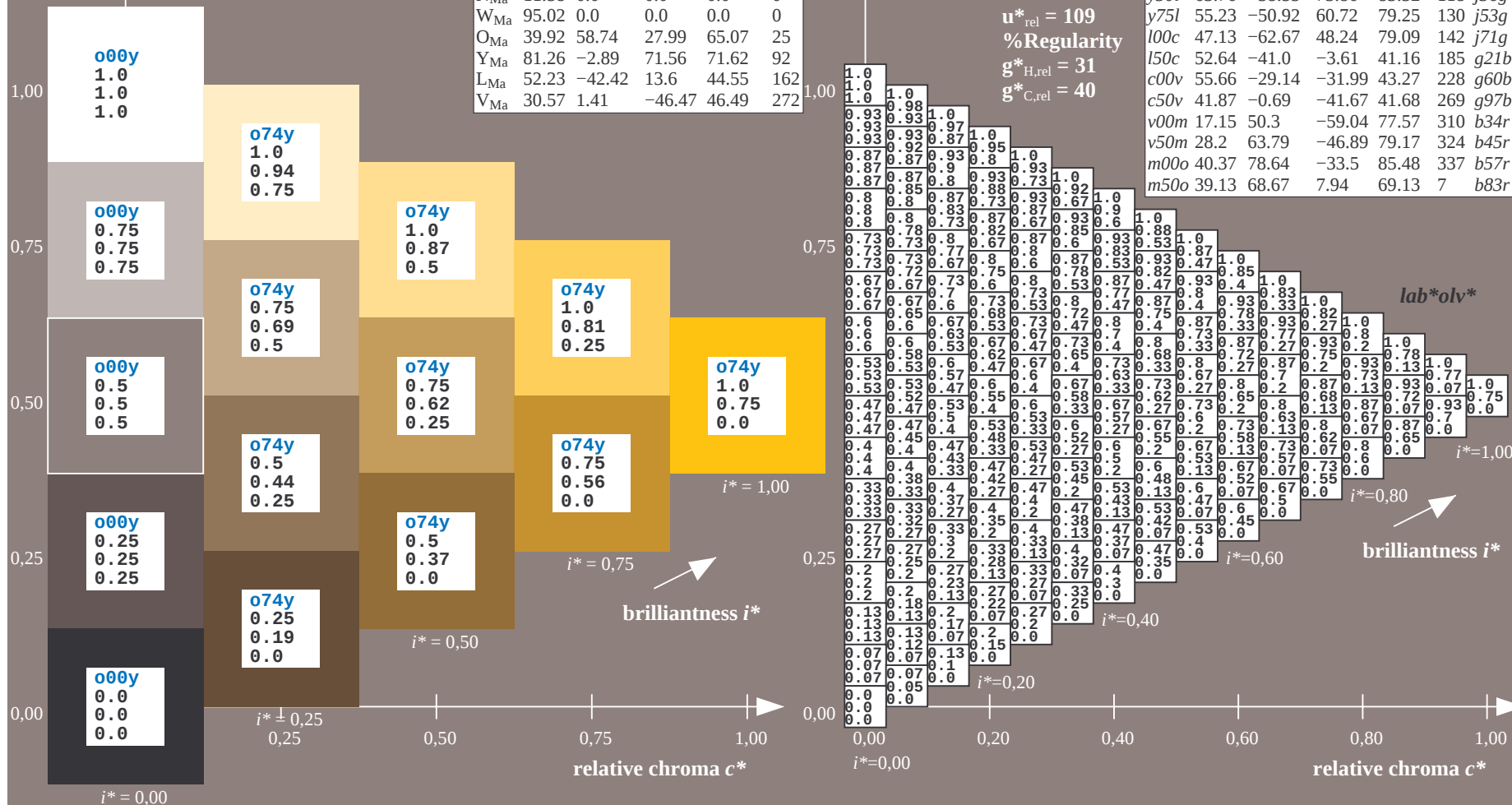
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

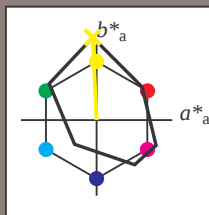
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	38.06	60.0	44.0	74.4	36	
Y_{Ma}	86.77	-5.17	109.32	109.44	93	
L_{Ma}	47.13	-62.67	48.24	79.09	142	
C_{Ma}	55.66	-29.14	-31.99	43.27	228	
V_{Ma}	17.15	50.3	-59.04	77.57	310	
M_{Ma}	40.37	78.64	-33.5	85.48	337	
N_{Ma}	11.58	0.0	0.0	0.0	0	
W_{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 87 -5 109

$LAB^*LCH^*_{Ma}$: 87 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

% Gamut

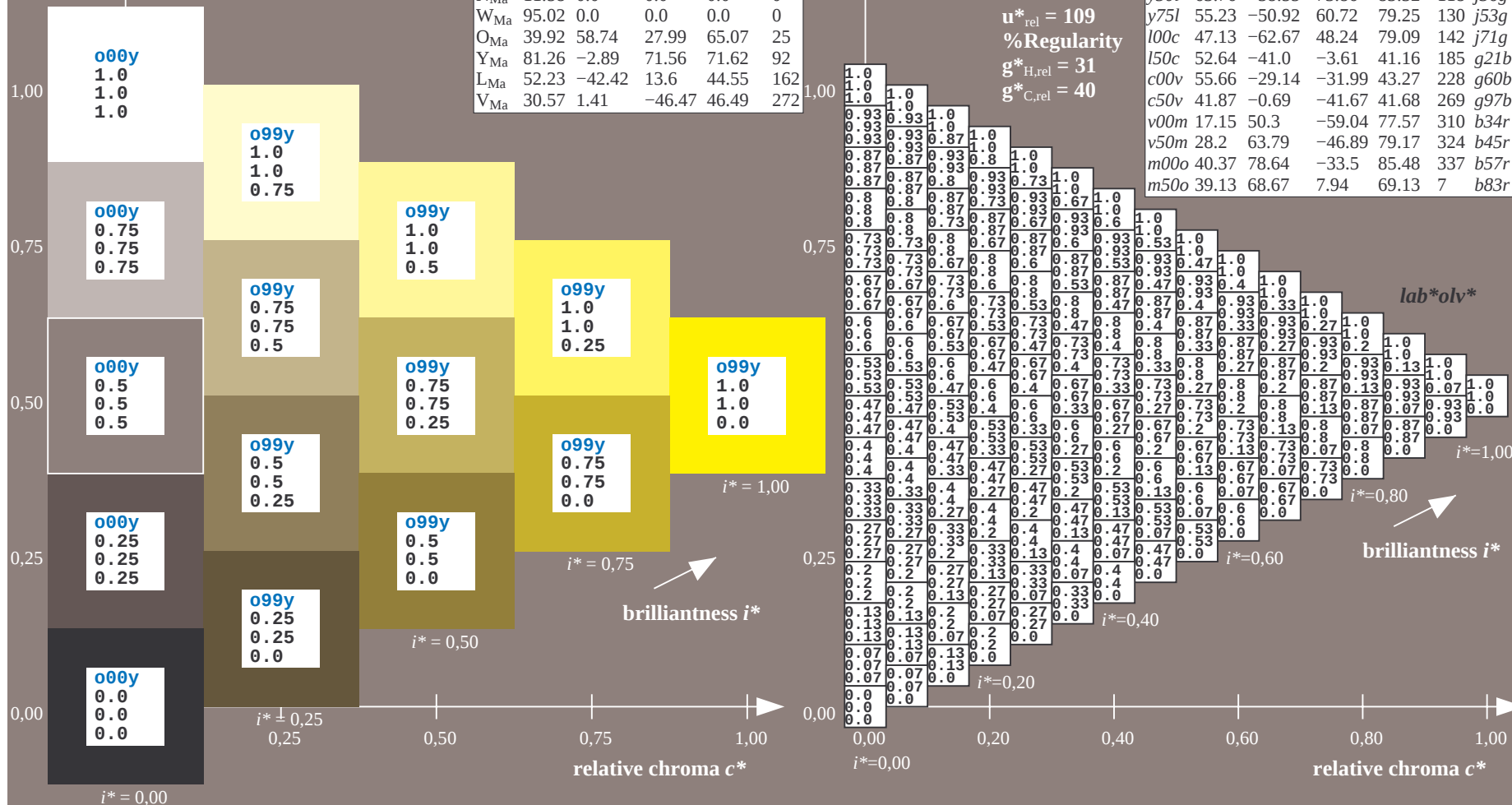
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

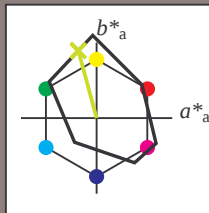
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 74 -24 89

$LAB^*LCH^*_{Ma}$: 74 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

% Gamut

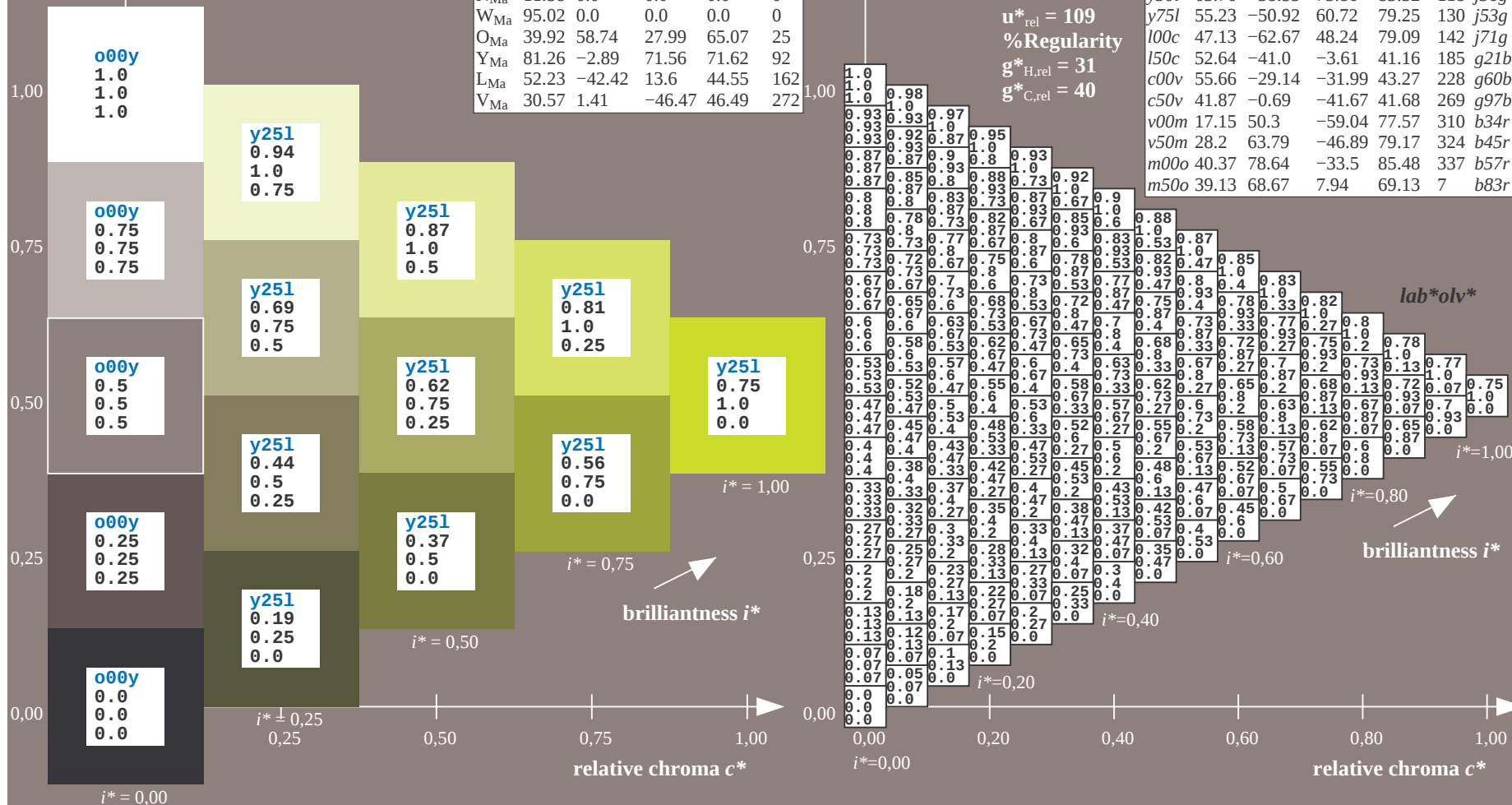
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

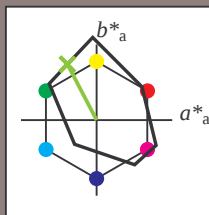
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 64 -39 74

$LAB^*LCH^*_{Ma}$: 64 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

% Gamut

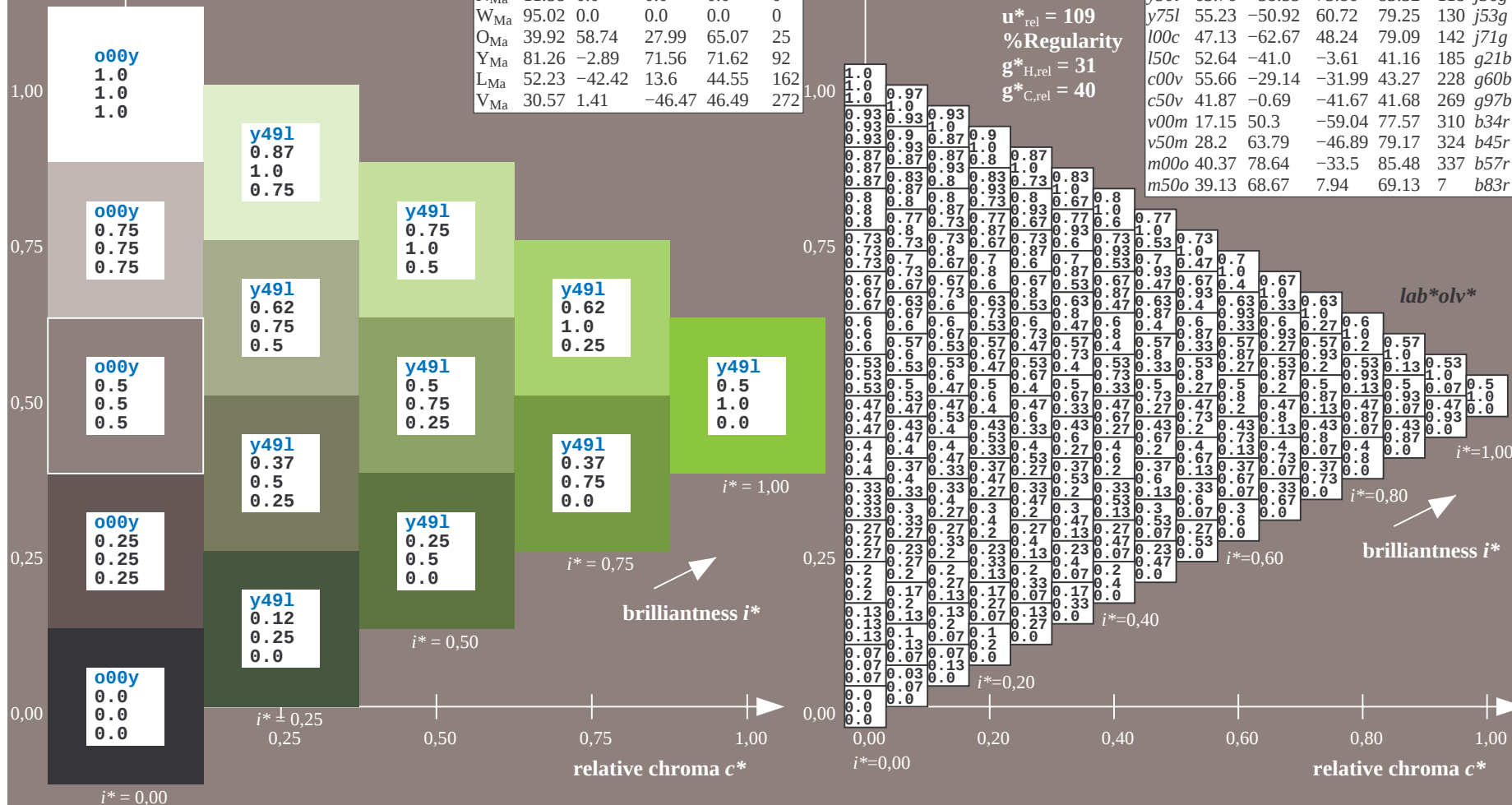
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

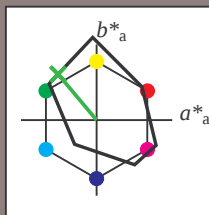
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 55 -51 61

$LAB^*LCH^*_{Ma}$: 55 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

% Gamut

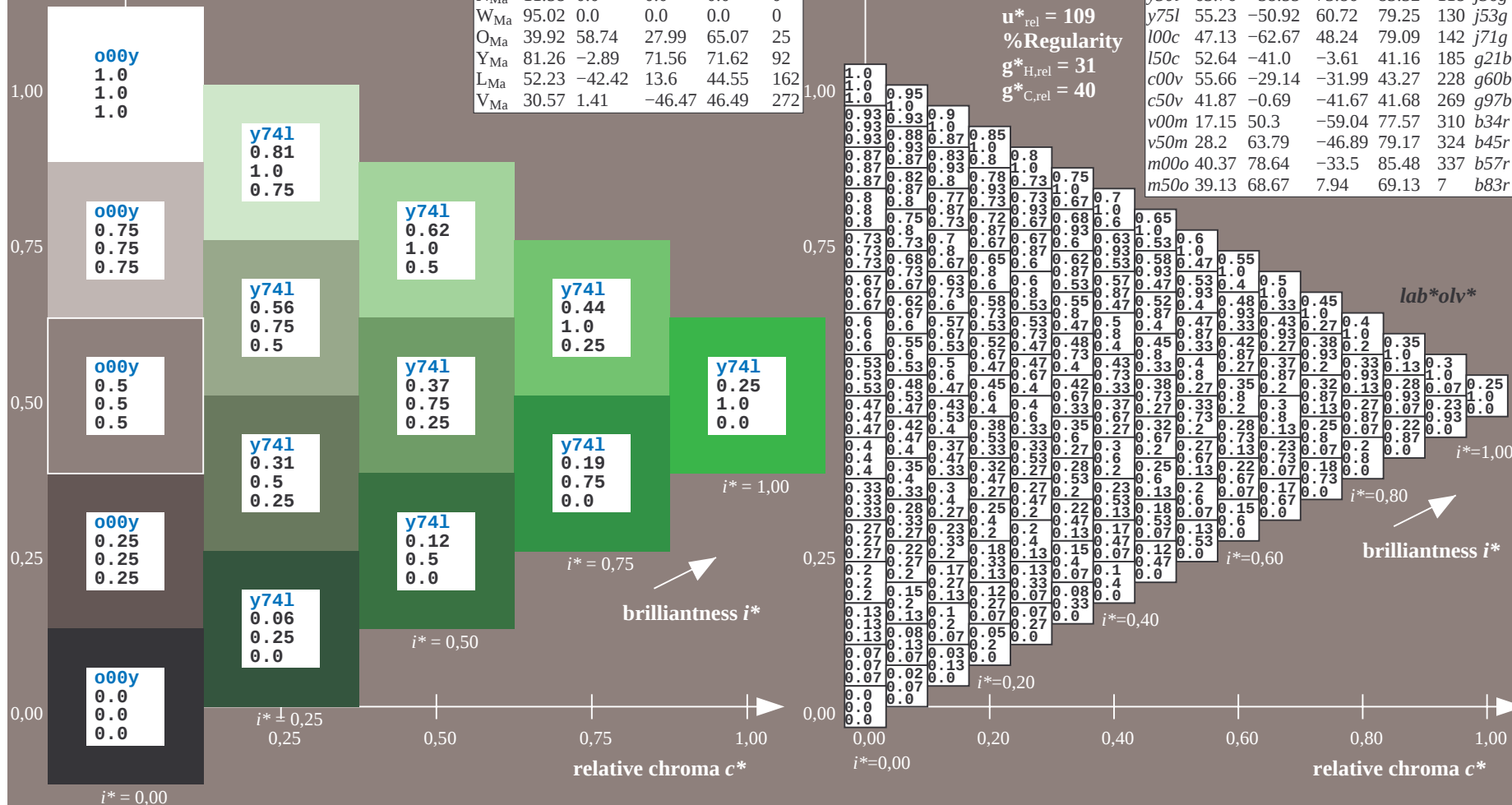
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

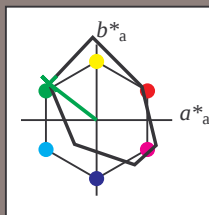
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 47 -63 48

$LAB^*LCH^*_{Ma}$: 47 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

% Gamut

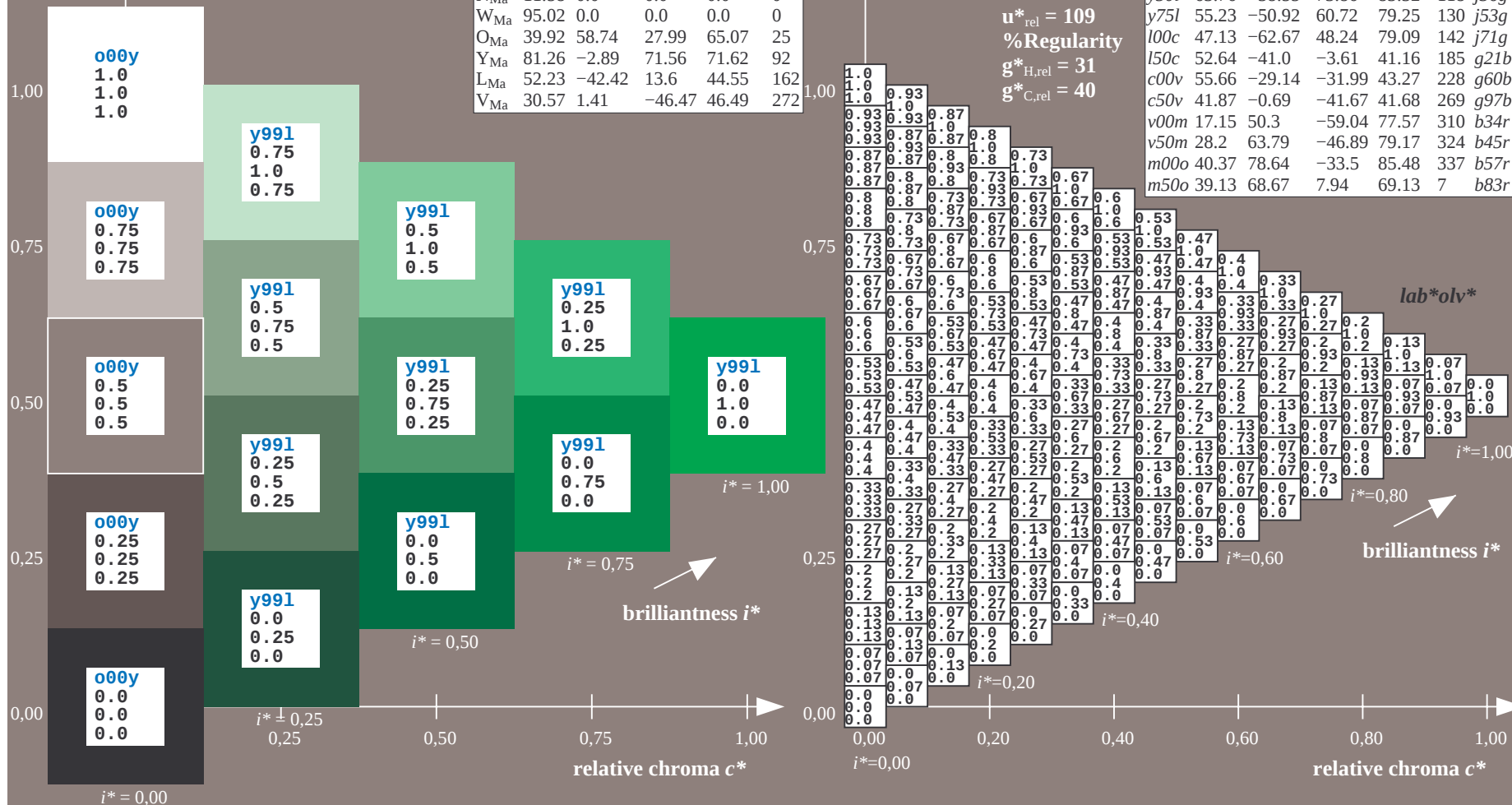
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

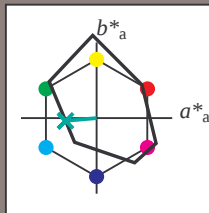
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 53 -41 -4

$LAB^*LCH^*_{Ma}$: 53 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

% Gamut

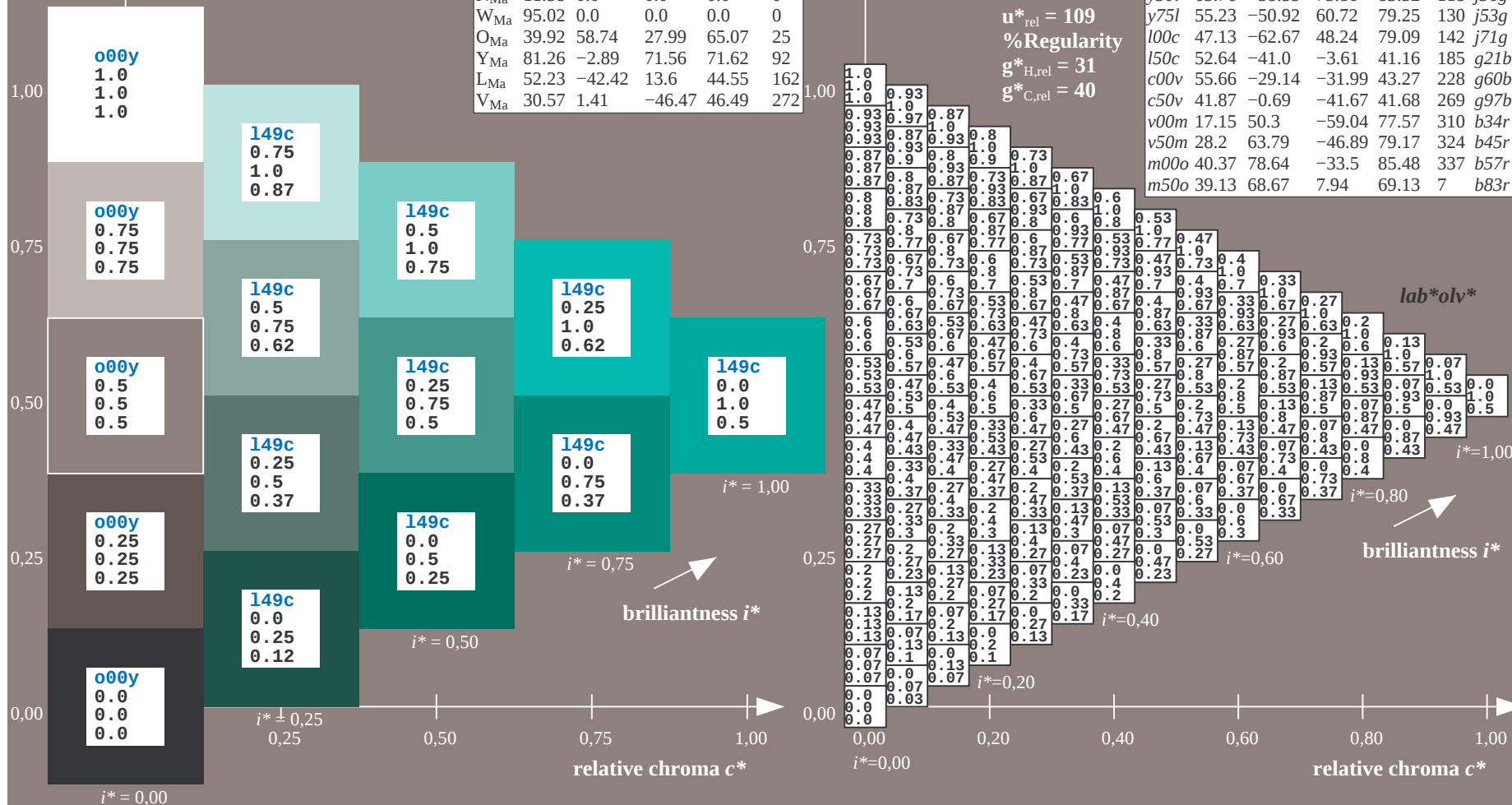
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

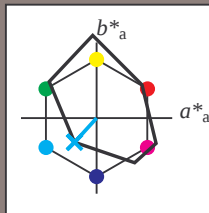
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 56 -29 -32

$LAB^*LCH^*_{Ma}$: 56 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

% Gamut

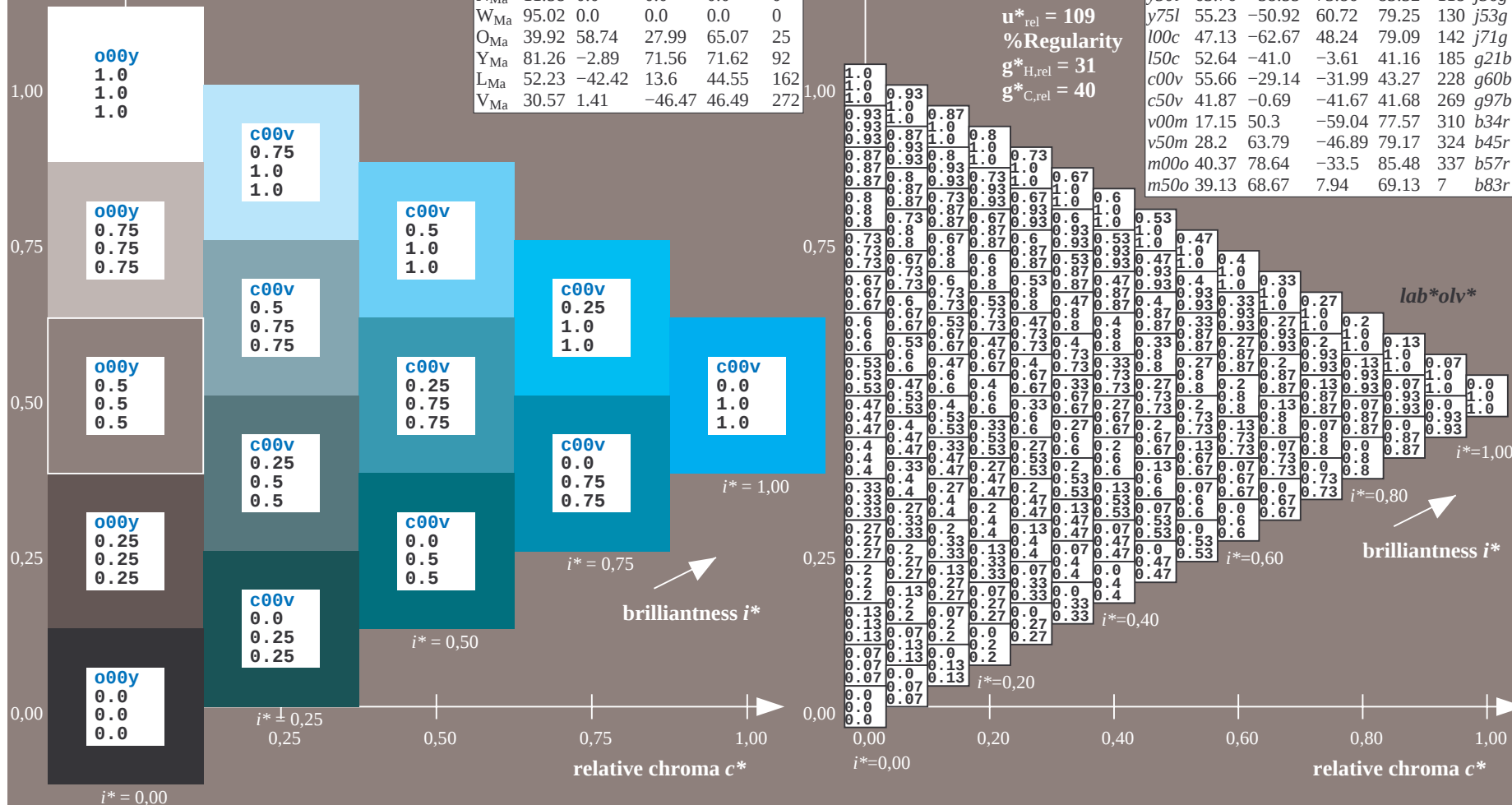
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

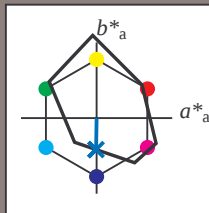
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 42 -1 -42

$LAB^*LCH^*_{Ma}$: 42 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

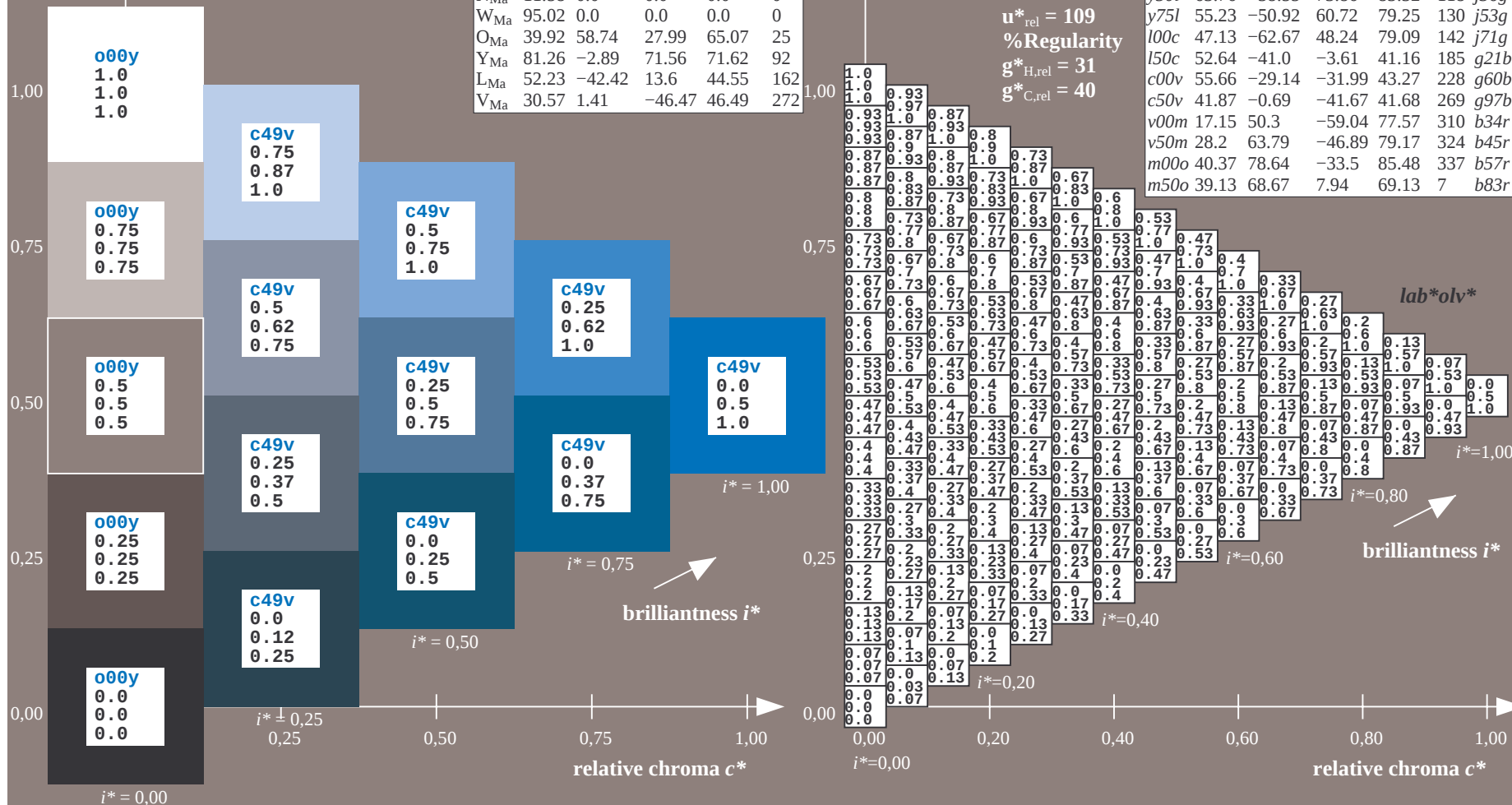
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

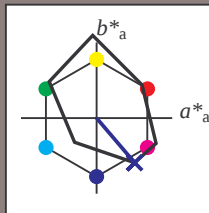
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 17 50 -59

$LAB^*LCH^*_{Ma}$: 17 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

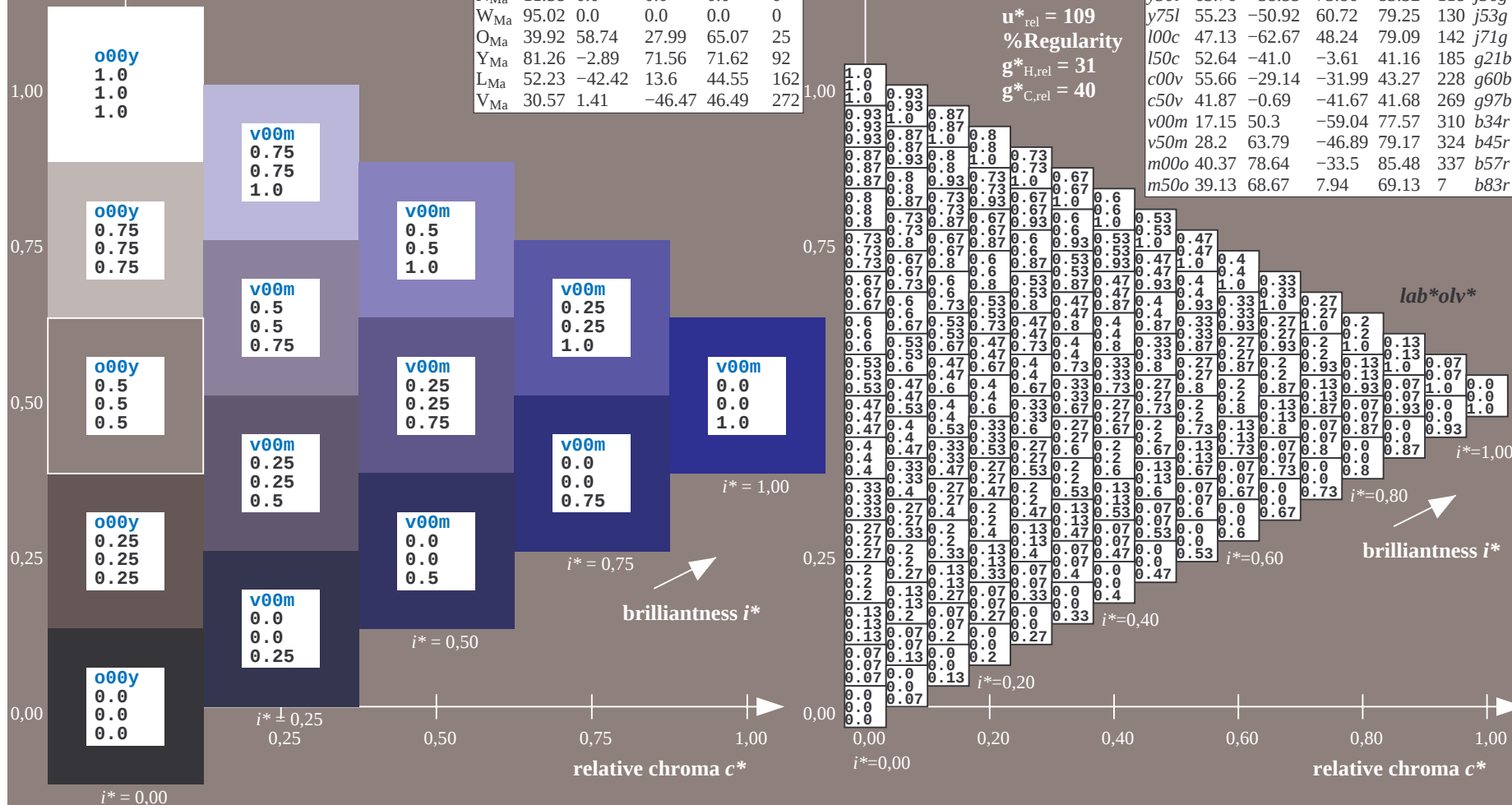
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

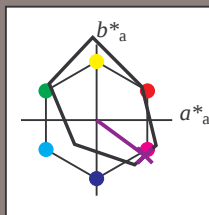
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 28 64 -47

$LAB^*LCH^*_{Ma}$: 28 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

% Gamut

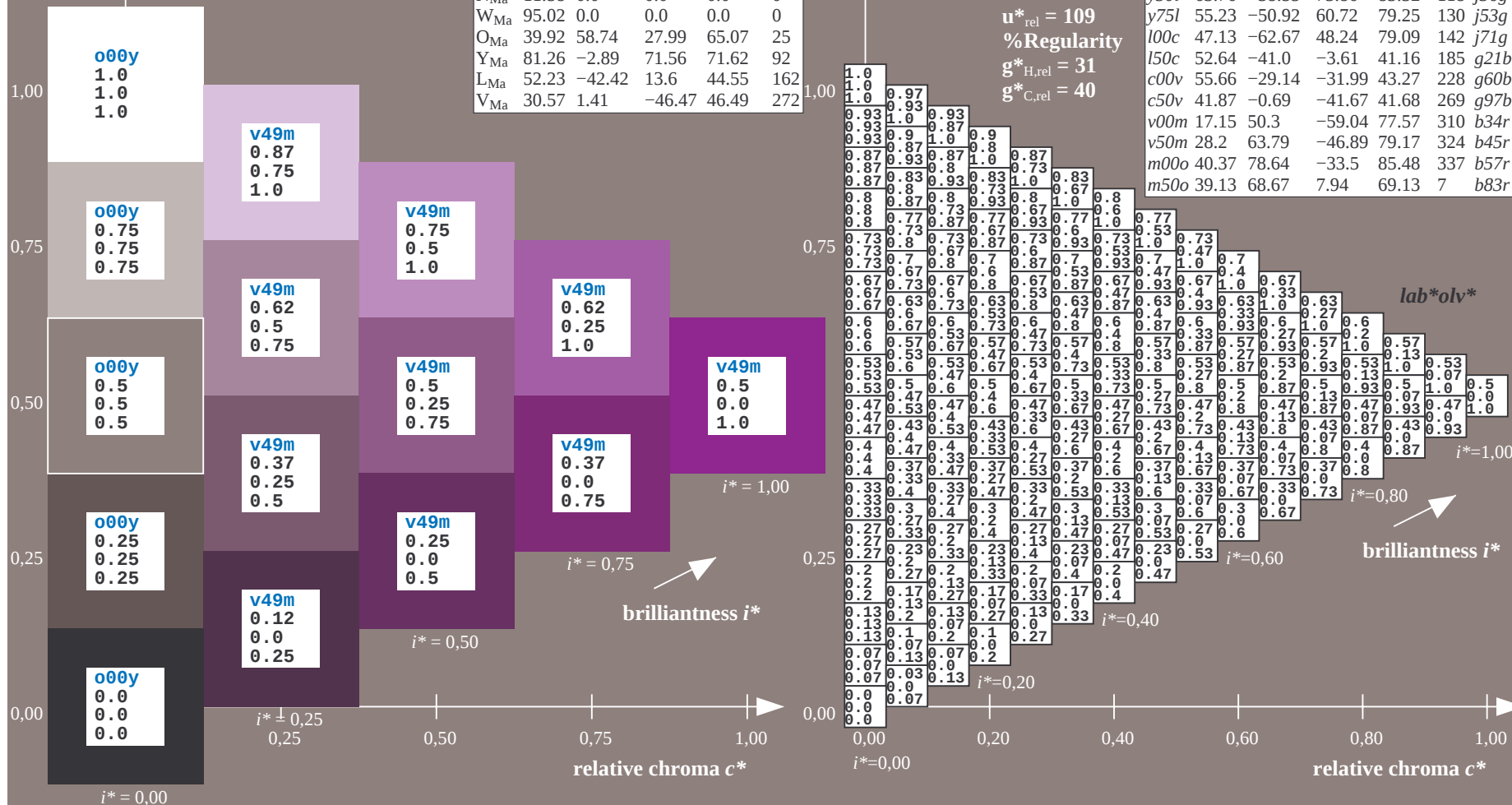
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	38.06	60.0	44.0	74.4	36	r16j		
o25y	47.68	47.13	56.9	73.88	50	r37j		
o50y	57.77	33.62	70.44	78.05	64	r58j		
o75y	69.84	17.48	86.62	88.37	79	r79j		
y00l	86.77	-5.17	109.32	109.44	93	j01g		
y25l	73.71	-24.12	89.19	92.39	105	j18g		
y50l	63.76	-38.55	73.86	83.32	118	j36g		
y75l	55.23	-50.92	60.72	79.25	130	j53g		
l00c	47.13	-62.67	48.24	79.09	142	j71g		
l50c	52.64	-41.0	-3.61	41.16	185	g21b		
c00v	55.66	-29.14	-31.99	43.27	228	g60b		
c50v	41.87	-0.69	-41.67	41.68	269	g97b		
v00m	17.15	50.3	-59.04	77.57	310	b34r		
v50m	28.2	63.79	-46.89	79.17	324	b45r		
m00o	40.37	78.64	-33.5	85.48	337	b57r		
m50o	39.13	68.67	7.94	69.13	7	b83r		



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

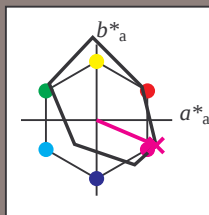
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 40 79 -34

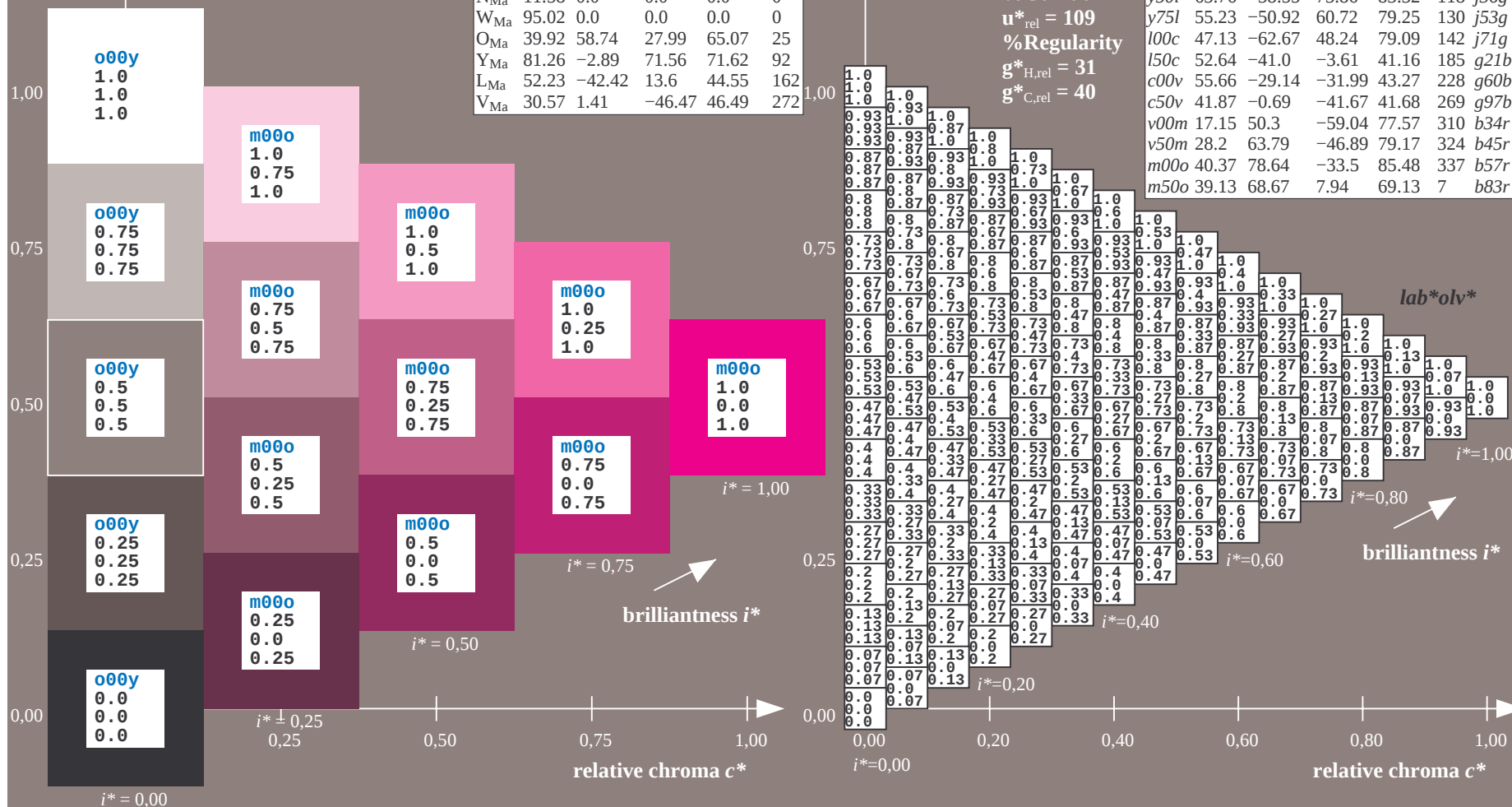
$LAB^*LCH^*_{Ma}$: 40 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

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	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

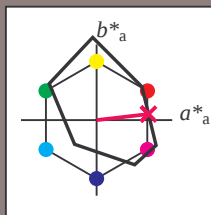
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 39 69 8

$LAB^*LCH^*_{Ma}$: 39 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

% Gamut

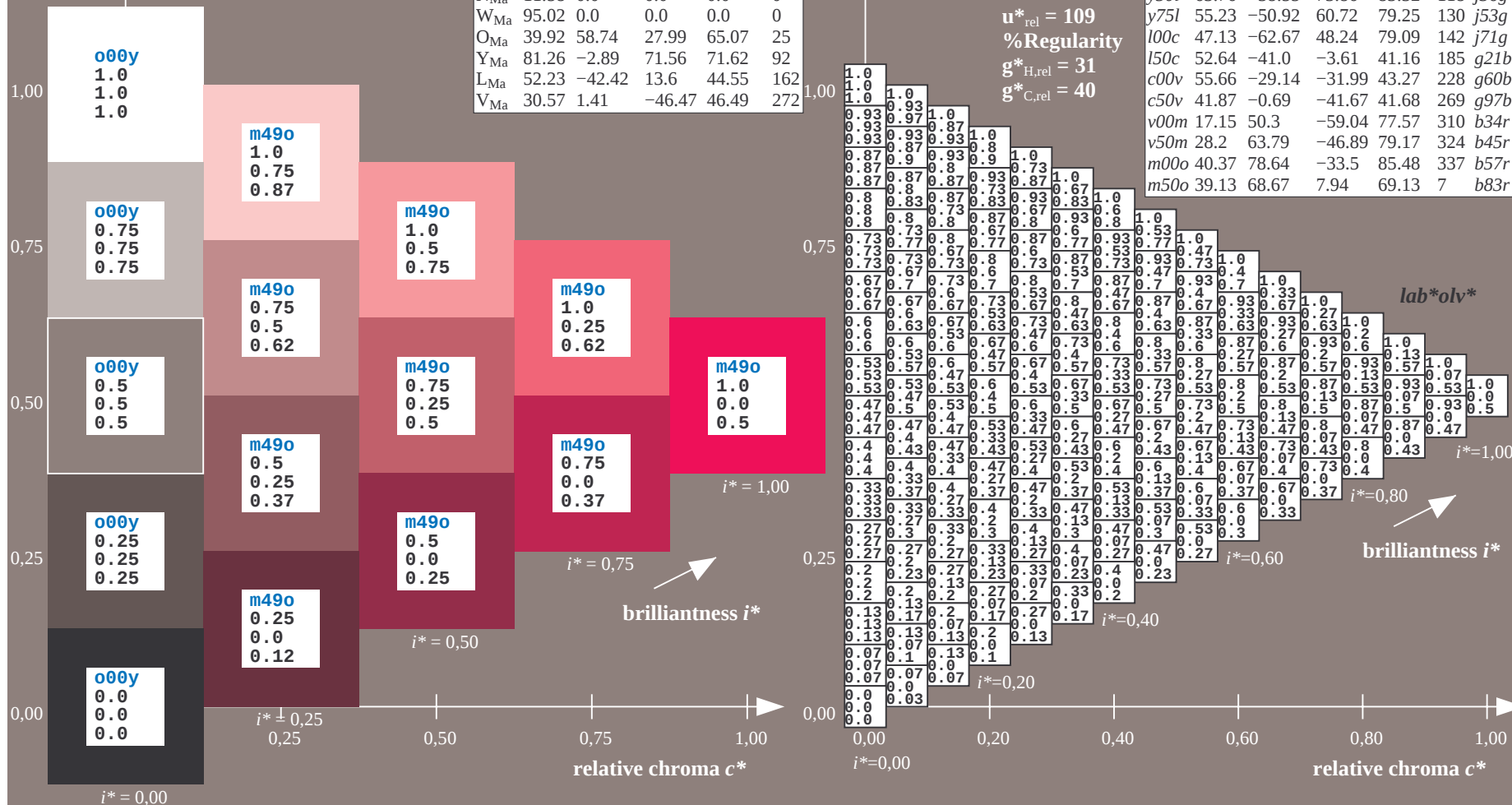
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

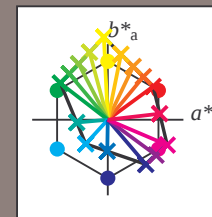
FRS12_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	38.06	60.0	44.0	74.4	36	r16j		
o25y	47.68	47.13	56.9	73.88	50	r37j		
o50y	57.77	33.62	70.44	78.05	64	r58j		
o75y	69.84	17.48	86.62	88.37	79	r79j		
y00l	86.77	-5.17	109.32	109.44	93	j01g		
y25l	73.71	-24.12	89.19	92.39	105	j18g		
y50l	63.76	-38.55	73.86	83.32	118	j36g		
y75l	55.23	-50.92	60.72	79.25	130	j53g		
l00c	47.13	-62.67	48.24	79.09	142	j71g		
l50c	52.64	-41.0	-3.61	41.16	185	g21b		
c00v	55.66	-29.14	-31.99	43.27	228	g60b		
c50v	41.87	-0.69	-41.67	41.68	269	g97b		
v00m	17.15	50.3	-59.04	77.57	310	b34r		
v50m	28.2	63.79	-46.89	79.17	324	b45r		
m00o	40.37	78.64	-33.5	85.48	337	b57r		
m50o	39.13	68.67	7.94	69.13	7	b83r		



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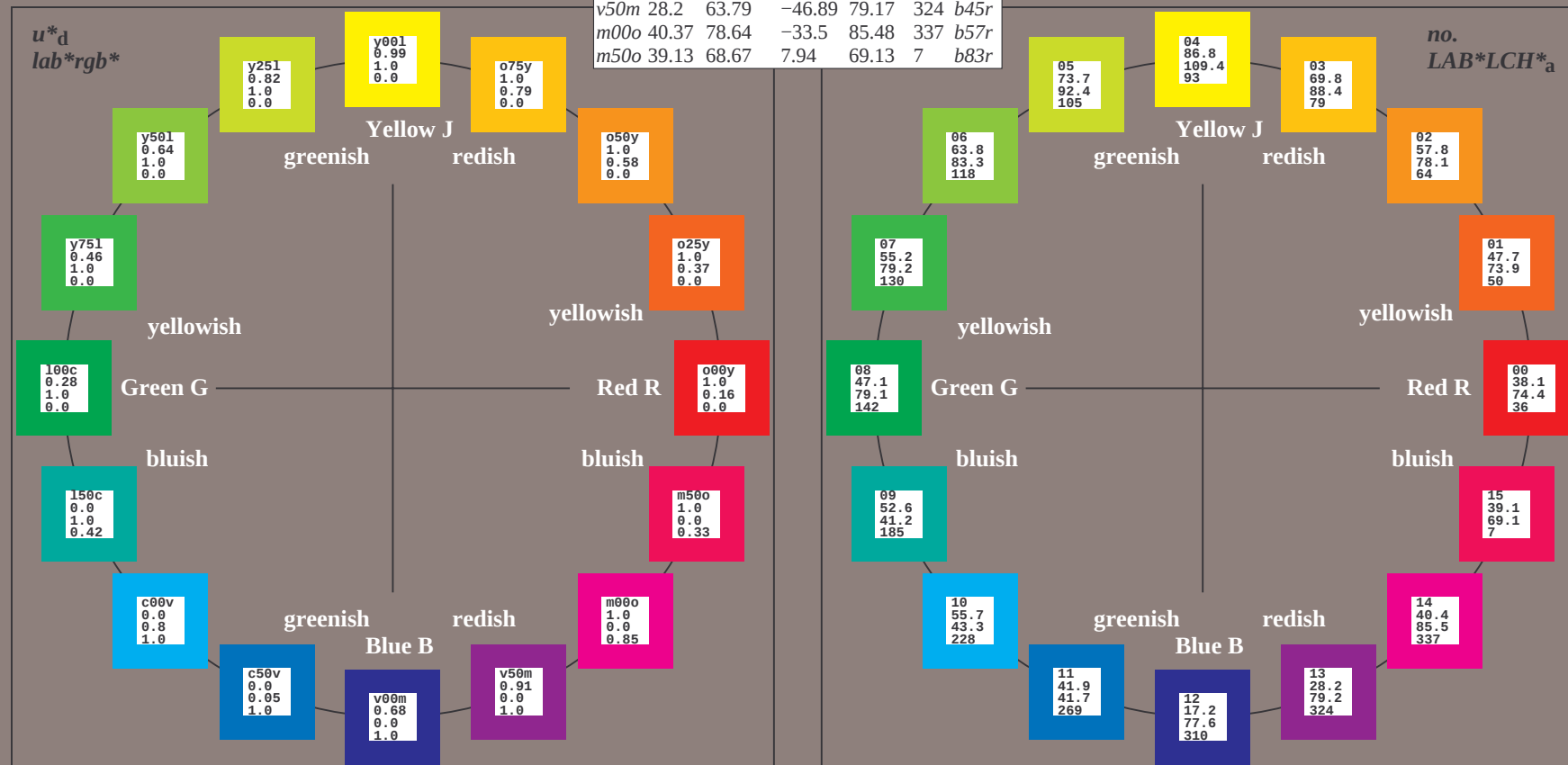
Input and output:
 Colorimetric Printer Reflective System FRS12_95a
 data for any colour:
 u^*_d and number *no.* = 00 .. 15
 device hue text:
 u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
 contrast reduction factor:
 $c_R = 1.0$

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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



%Gamut
 $u^*_{rel} = 109$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.06	60.0	44.0	74.4	36
Y _{Ma}	86.77	-5.17	109.32	109.44	93
L _{Ma}	47.13	-62.67	48.24	79.09	142
C _{Ma}	55.66	-29.14	-31.99	43.27	228
V _{Ma}	17.15	50.3	-59.04	77.57	310
M _{Ma}	40.37	78.64	-33.5	85.48	337
N _{Ma}	11.58	0.0	0.0	0.0	0
W _{Ma}	95.02	0.0	0.0	0.0	0
O _{CIE}	39.92	58.74	27.99	65.07	25
Y _{CIE}	81.26	-2.89	71.56	71.62	92
L _{CIE}	52.23	-42.42	13.6	44.55	162
V _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

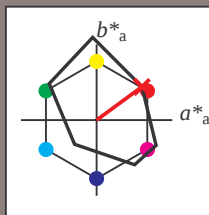
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 38 60 44

$LAB^*LCH^*_{Ma}$: 38 74 36

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

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

triangle lightness t^*

%Gamut

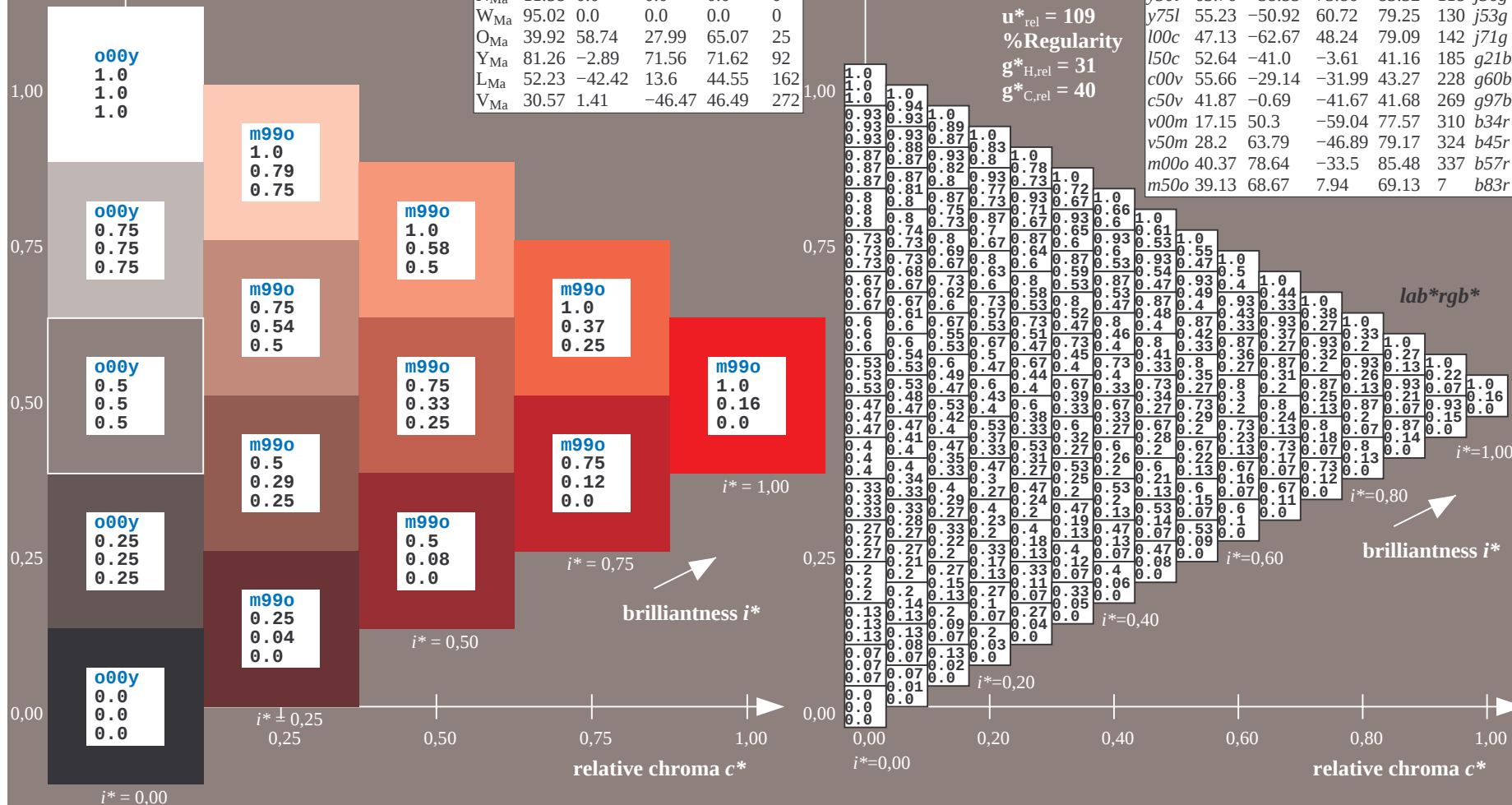
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$
 data for any colour:

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

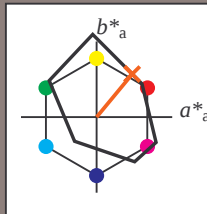
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 48 47 57

$LAB^*LCH^*_{Ma}$: 48 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

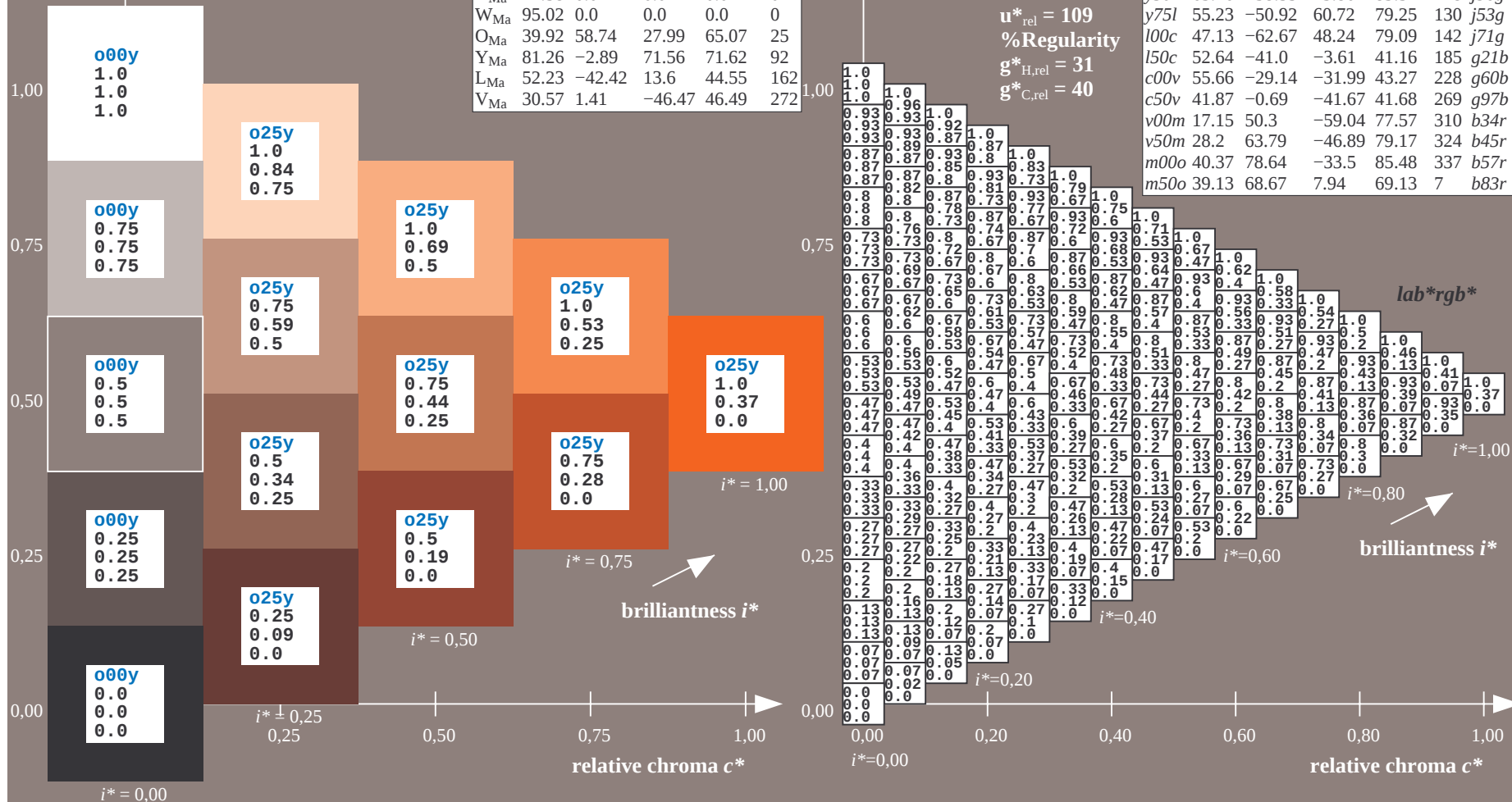
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$
 data for any colour:

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

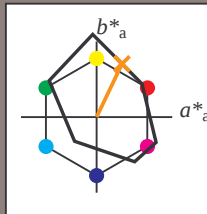
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 58 34 70

$LAB^*LCH^*_{Ma}$: 58 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

% Gamut

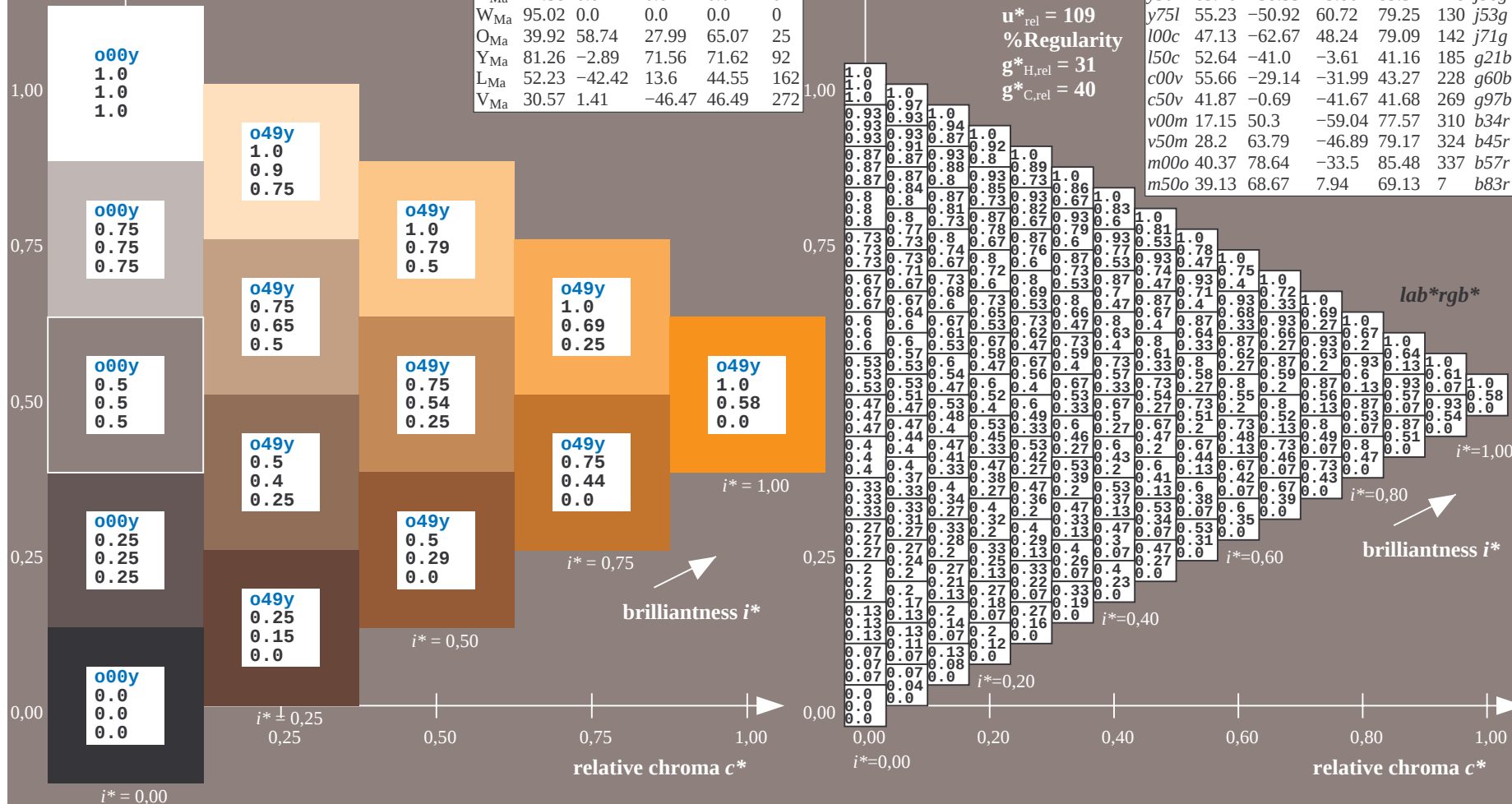
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

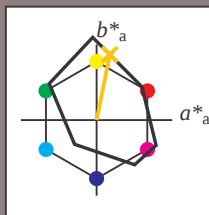
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 70 17 87

$LAB^*LCH^*_{Ma}$: 70 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

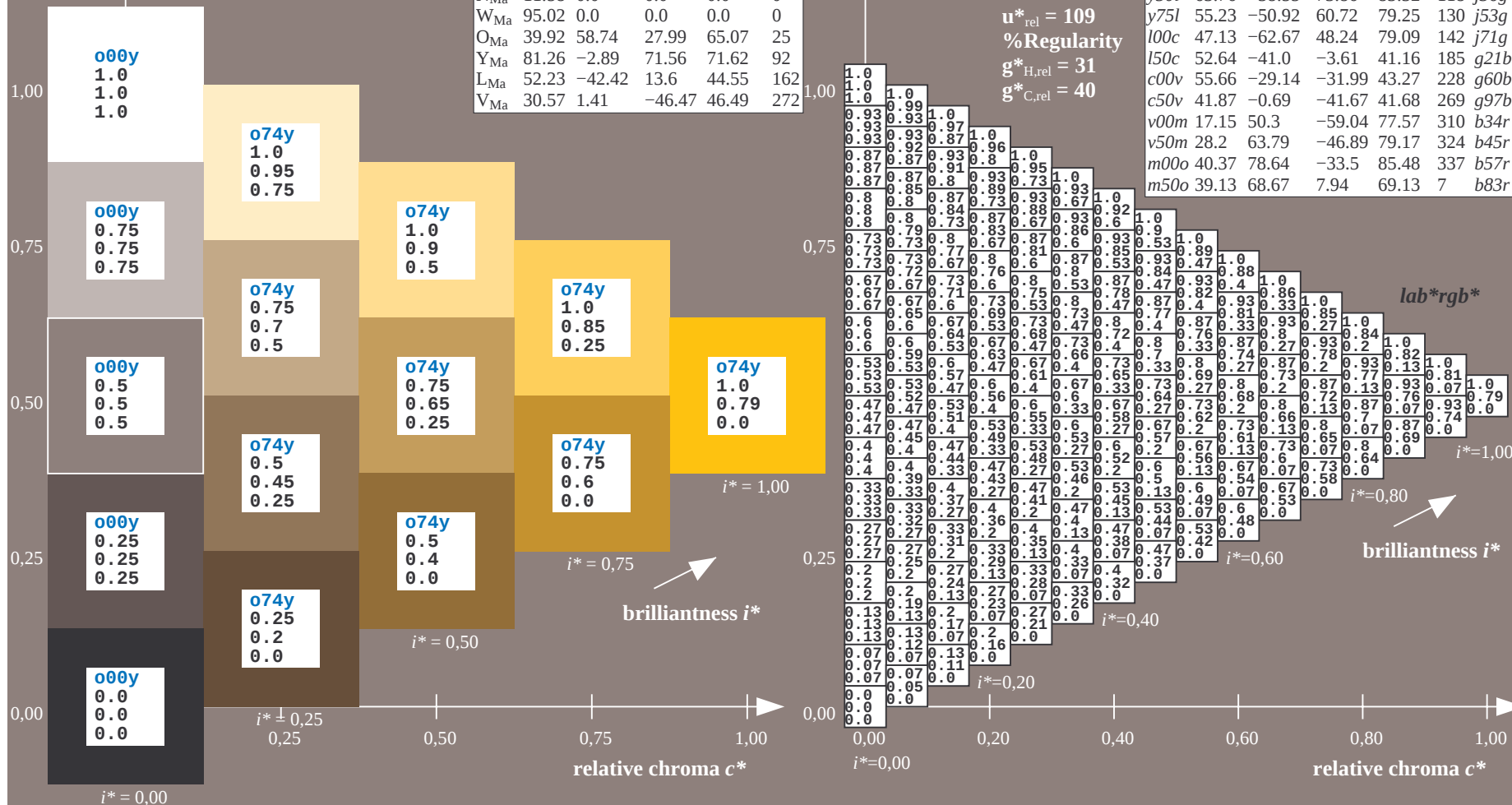
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

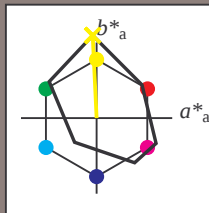
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 87 -5 109

$LAB^*LCH^*_{Ma}$: 87 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

% Gamut

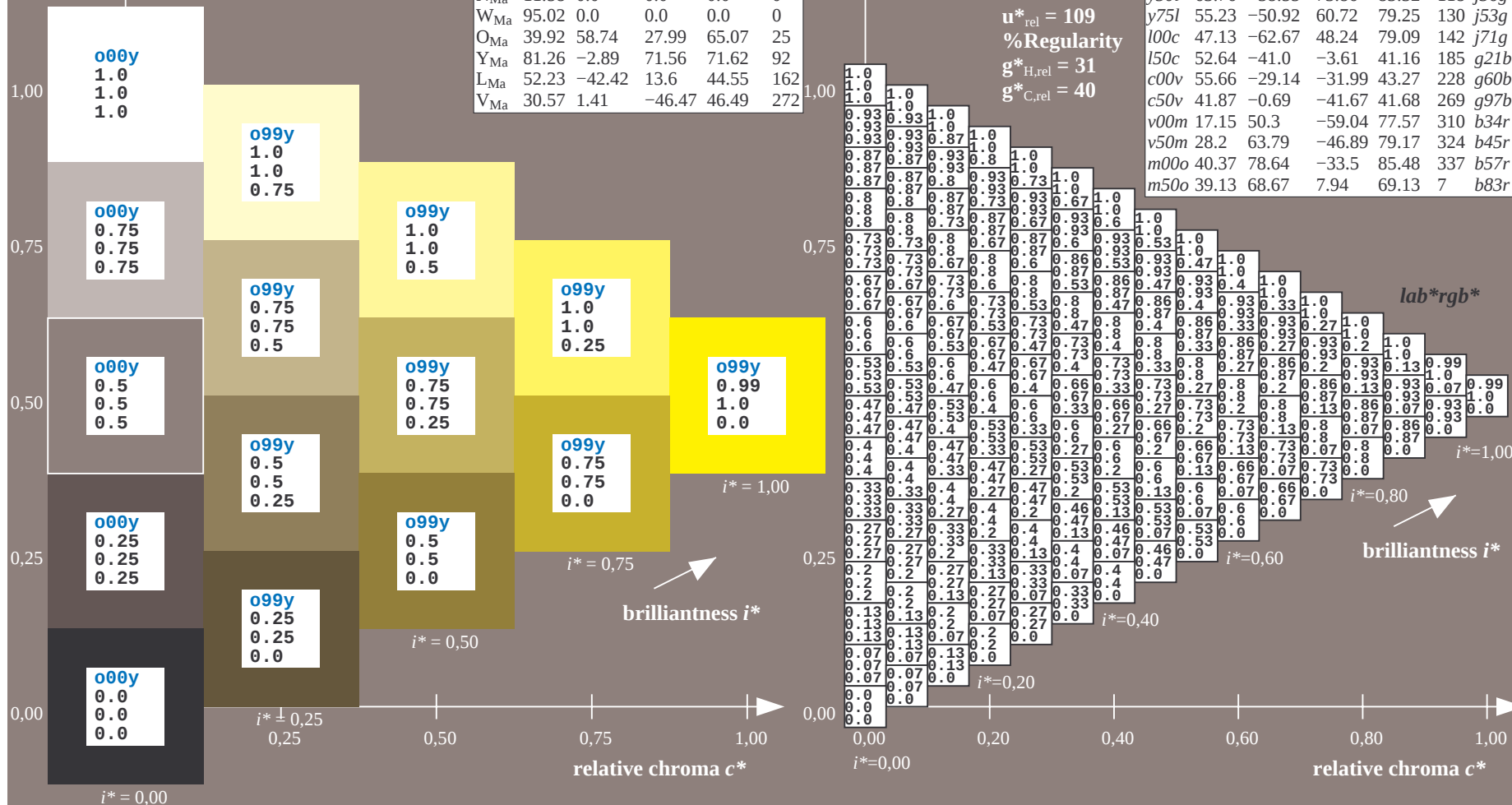
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

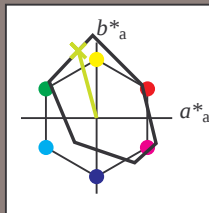
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 74 -24 89

$LAB^*LCH^*_{Ma}$: 74 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

% Gamut

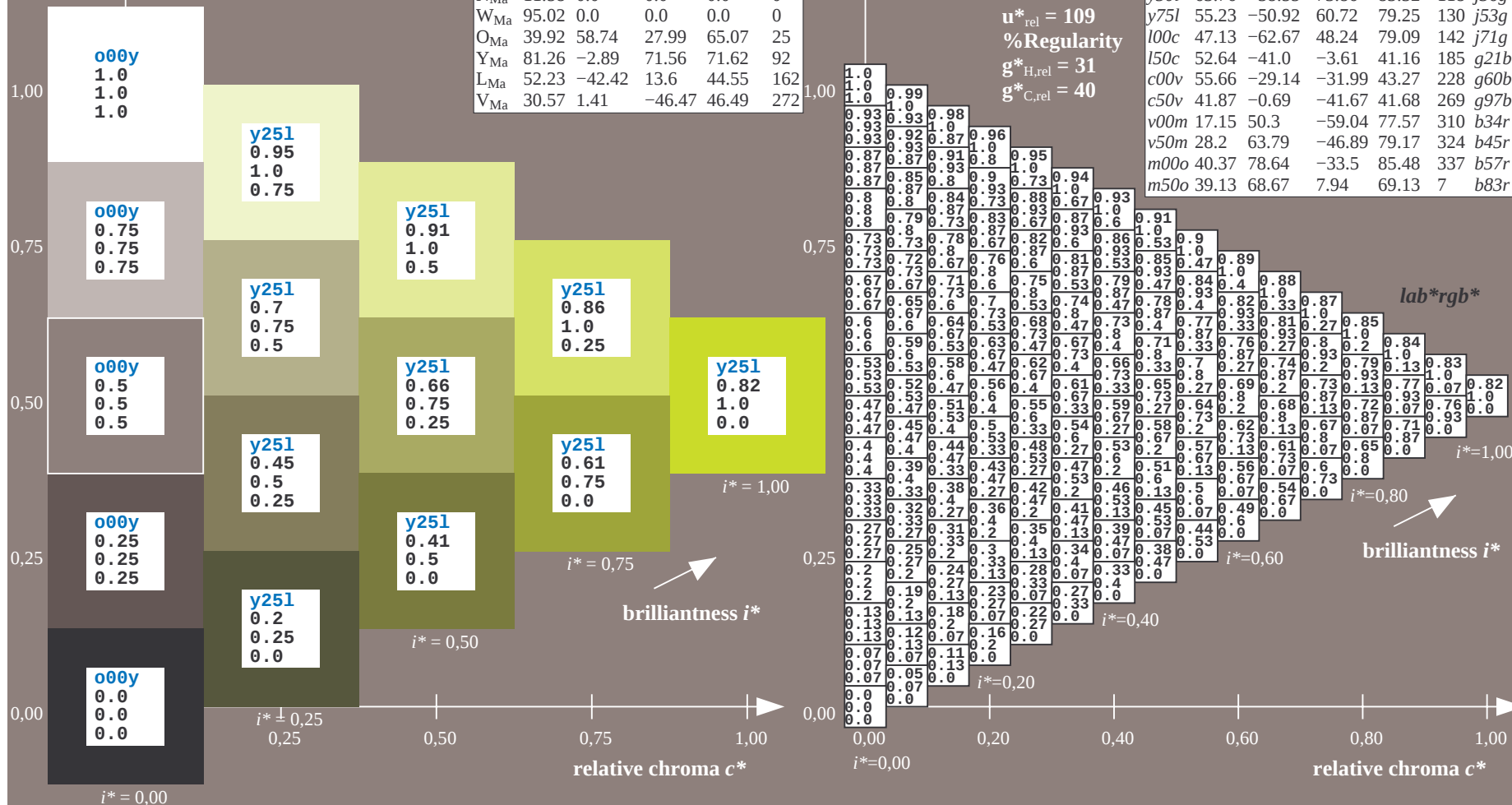
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

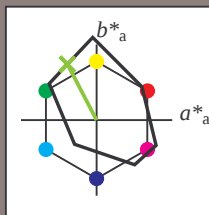
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 64 -39 74

$LAB^*LCH^*_{Ma}$: 64 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

% Gamut

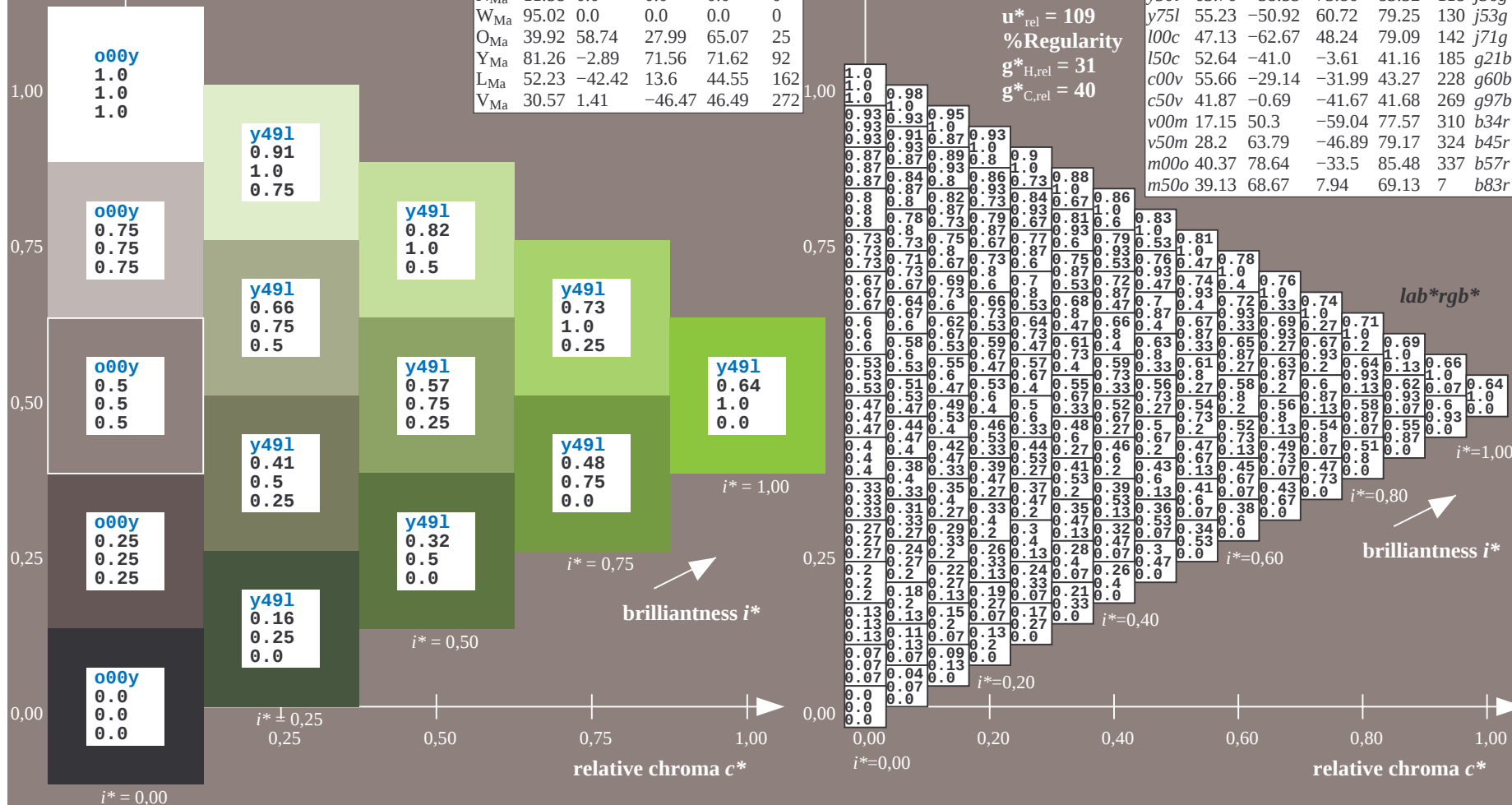
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

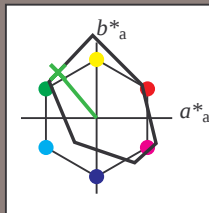
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 55 -51 61

$LAB^*LCH^*_{Ma}$: 55 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

% Gamut

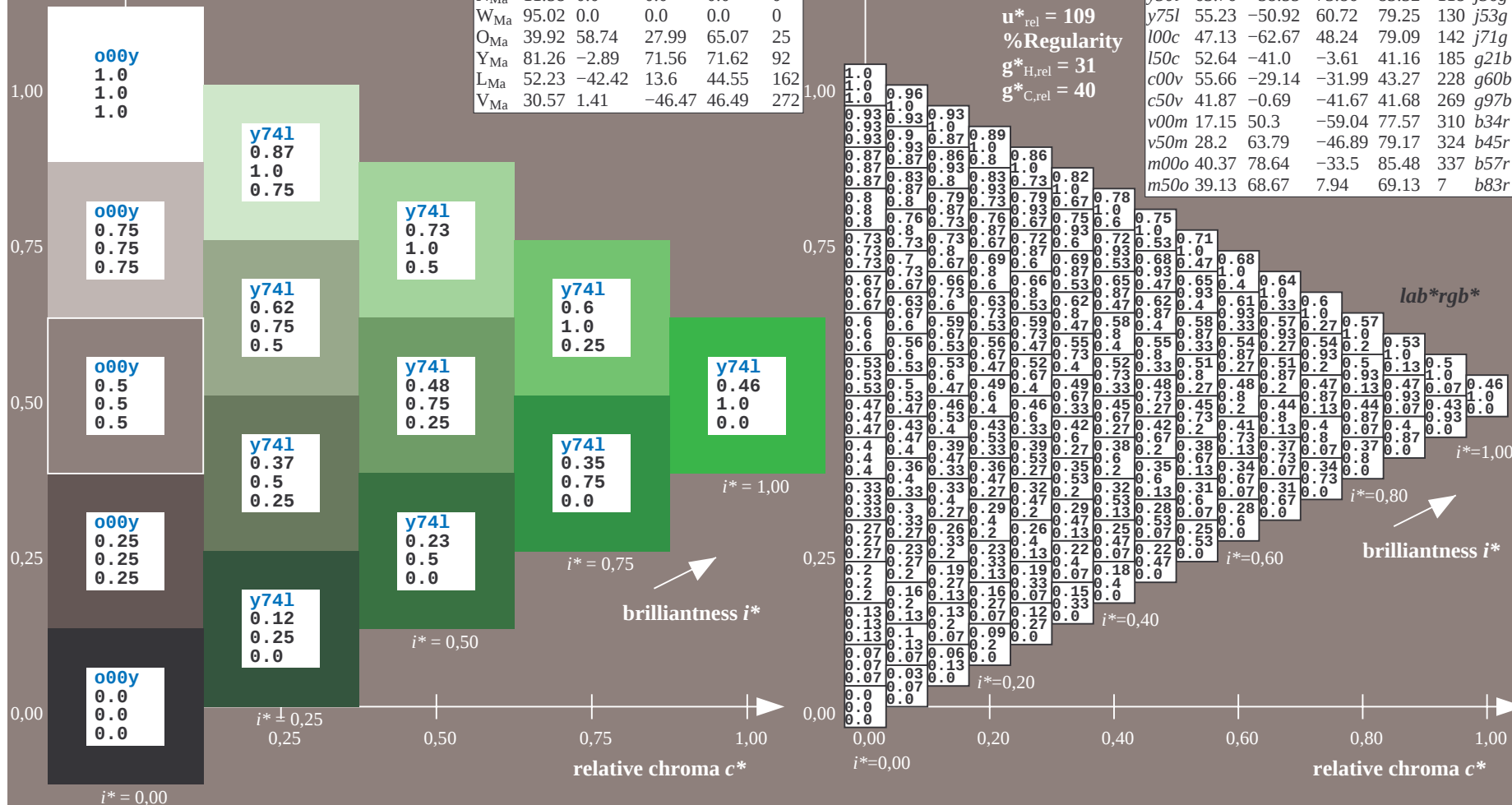
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

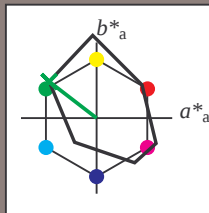
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 47 -63 48

$LAB^*LCH^*_{Ma}$: 47 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

% Gamut

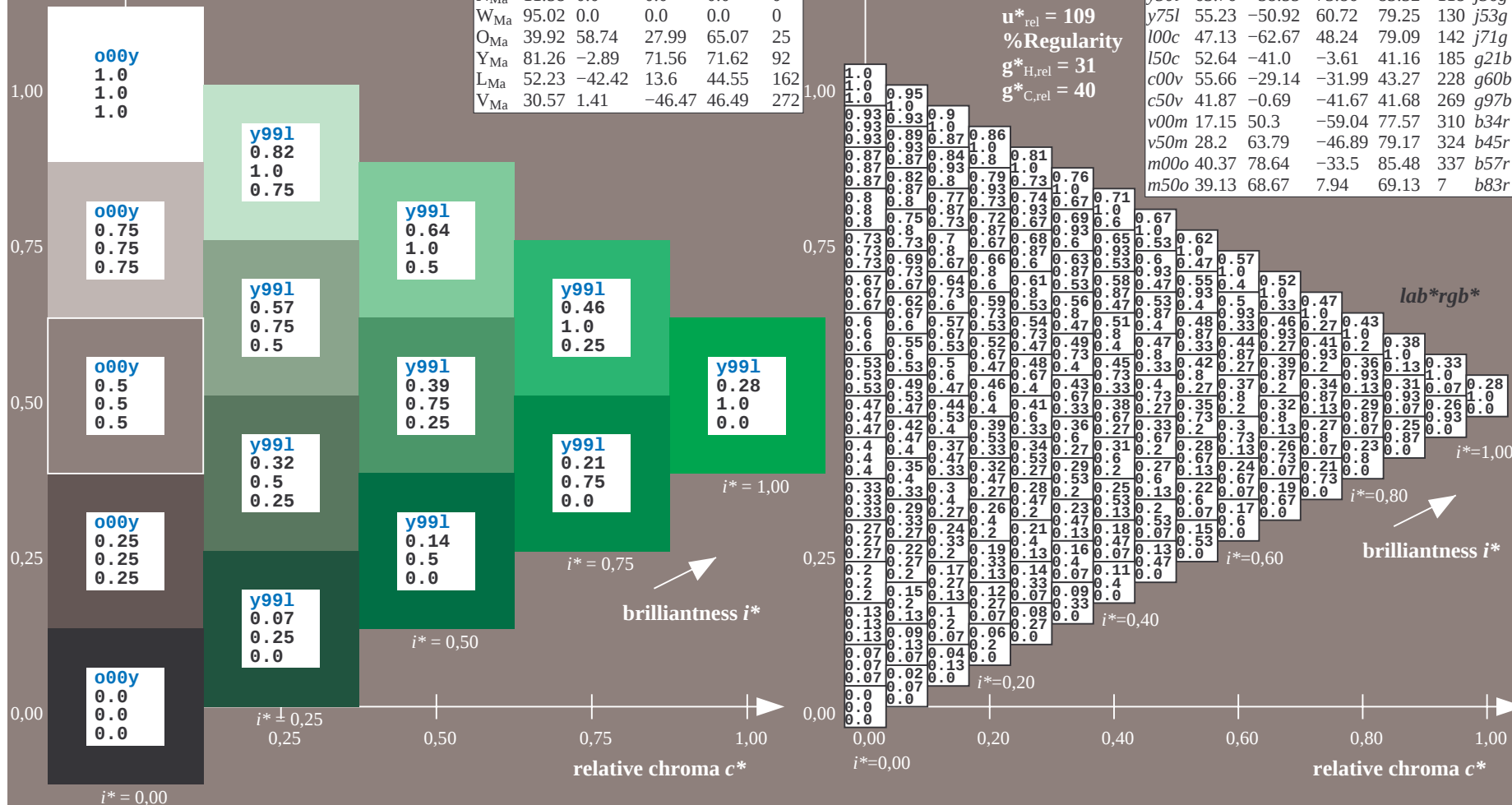
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

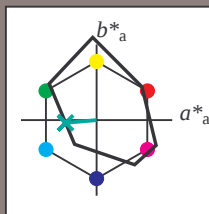
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 53 -41 -4

$LAB^*LCH^*_{Ma}$: 53 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36		r16j
o25y	47.68	47.13	56.9	73.88	50		r37j
o50y	57.77	33.62	70.44	78.05	64		r58j
o75y	69.84	17.48	86.62	88.37	79		r79j
y00l	86.77	-5.17	109.32	109.44	93		j01g
y25l	73.71	-24.12	89.19	92.39	105		j18g
y50l	63.76	-38.55	73.86	83.32	118		j36g
y75l	55.23	-50.92	60.72	79.25	130		j53g
l00c	47.13	-62.67	48.24	79.09	142		j71g
l50c	52.64	-41.0	-3.61	41.16	185		g21b
c00v	55.66	-29.14	-31.99	43.27	228		g60b
c50v	41.87	-0.69	-41.67	41.68	269		g97b
v00m	17.15	50.3	-59.04	77.57	310		b34r
v50m	28.2	63.79	-46.89	79.17	324		b45r
m00o	40.37	78.64	-33.5	85.48	337		b57r
m50o	39.13	68.67	7.94	69.13	7		b83r

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^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

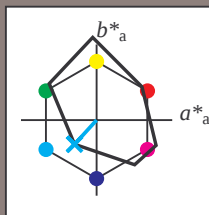
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 56 -29 -32

$LAB^*LCH^*_{Ma}$: 56 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

% Gamut

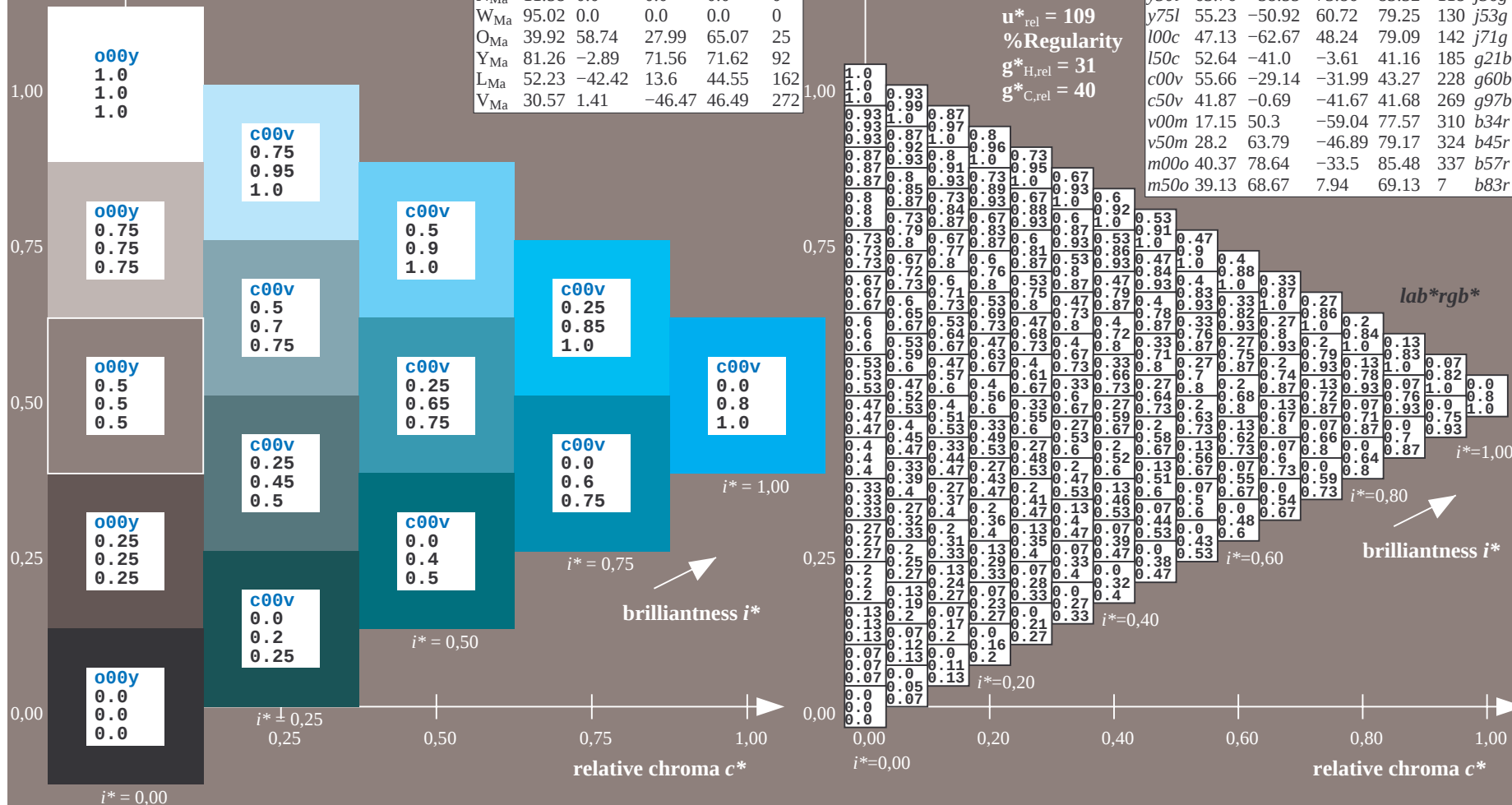
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

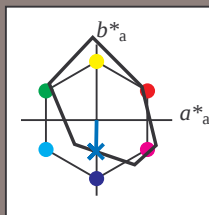
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 42 -1 -42

$LAB^*LCH^*_{Ma}$: 42 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

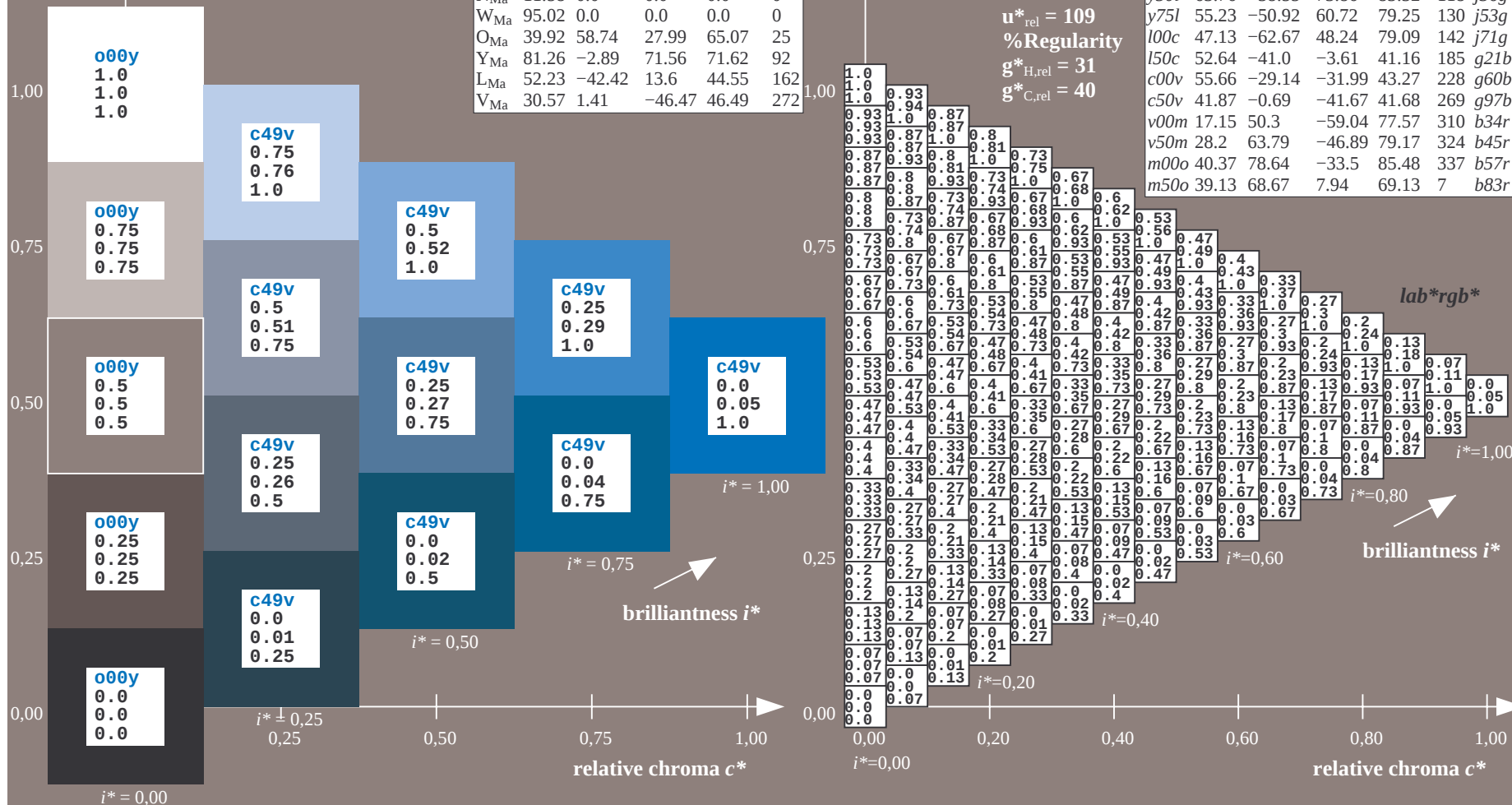
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

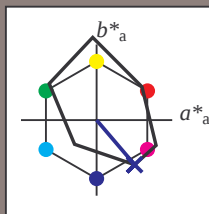
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 17 50 -59

$LAB^*LCH^*_{Ma}$: 17 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

% Gamut

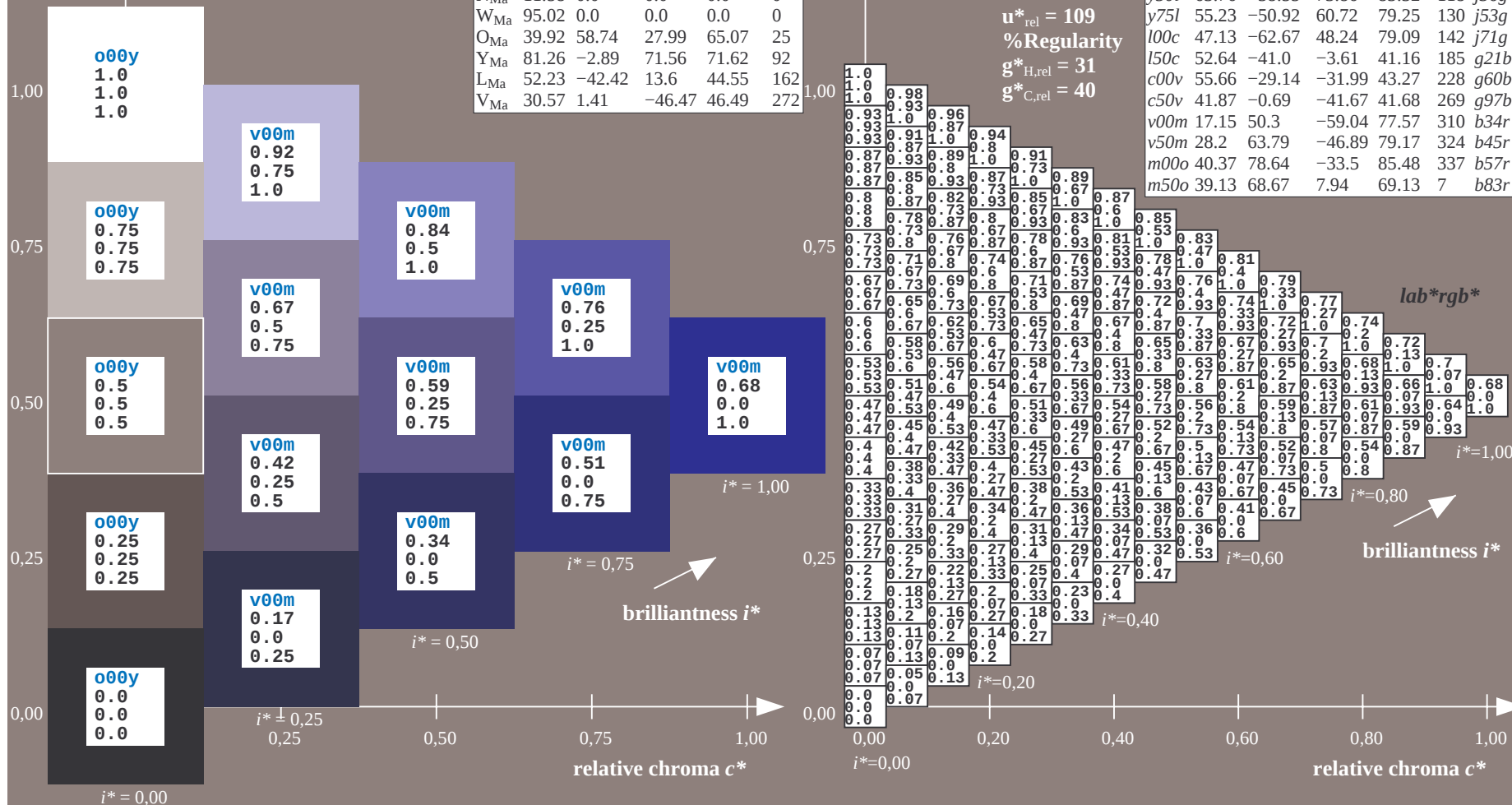
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	38.06	60.0	44.0	74.4	36	r16j		
o25y	47.68	47.13	56.9	73.88	50	r37j		
o50y	57.77	33.62	70.44	78.05	64	r58j		
o75y	69.84	17.48	86.62	88.37	79	r79j		
y00l	86.77	-5.17	109.32	109.44	93	j01g		
y25l	73.71	-24.12	89.19	92.39	105	j18g		
y50l	63.76	-38.55	73.86	83.32	118	j36g		
y75l	55.23	-50.92	60.72	79.25	130	j53g		
l00c	47.13	-62.67	48.24	79.09	142	j71g		
l50c	52.64	-41.0	-3.61	41.16	185	g21b		
c00v	55.66	-29.14	-31.99	43.27	228	g60b		
c50v	41.87	-0.69	-41.67	41.68	269	g97b		
v00m	17.15	50.3	-59.04	77.57	310	b34r		
v50m	28.2	63.79	-46.89	79.17	324	b45r		
m00o	40.37	78.64	-33.5	85.48	337	b57r		
m50o	39.13	68.67	7.94	69.13	7	b83r		



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

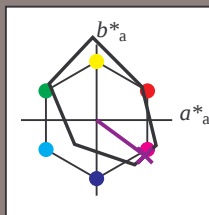
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 28 64 -47

$LAB^*LCH^*_{Ma}$: 28 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

% Gamut

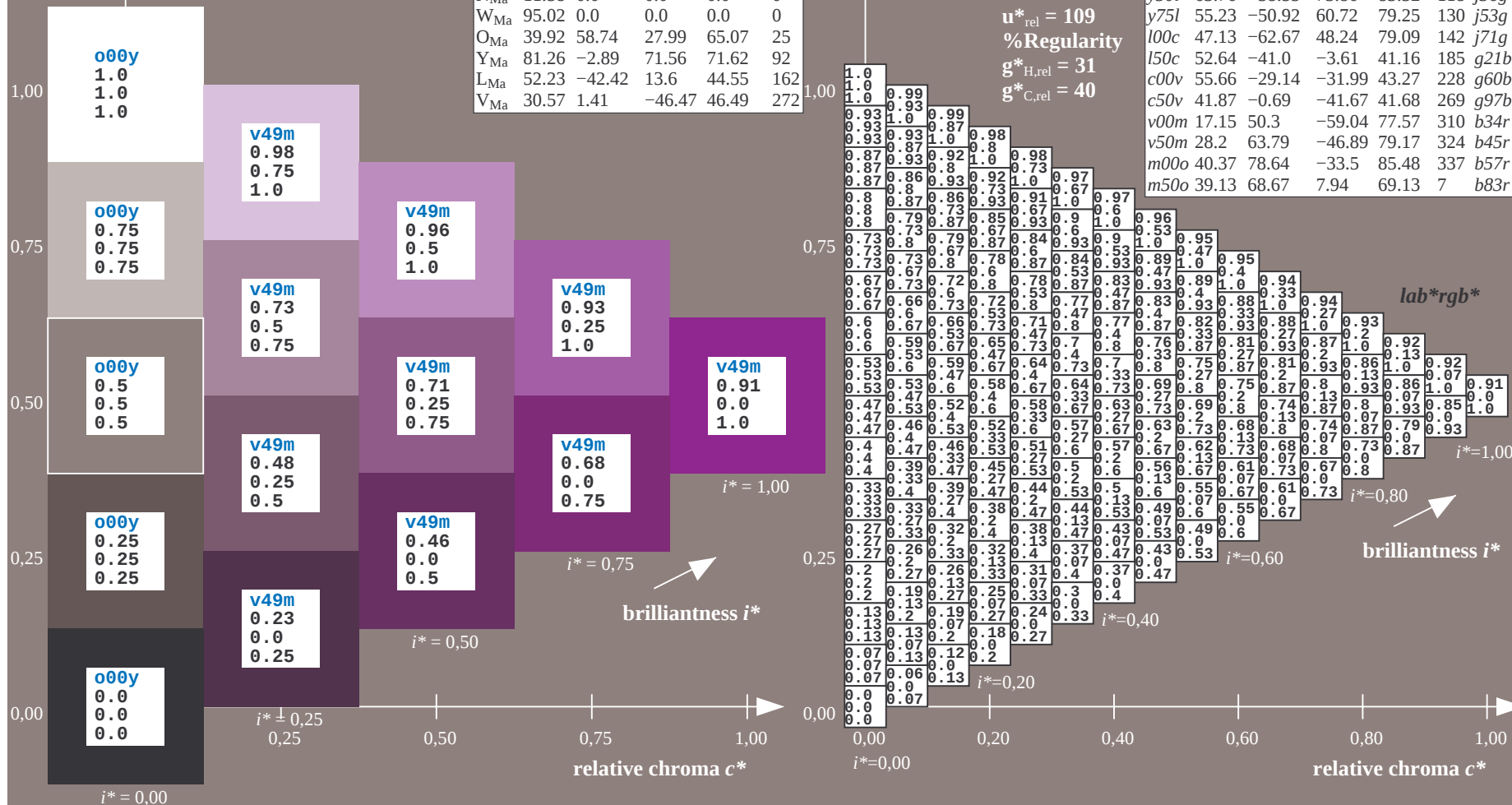
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

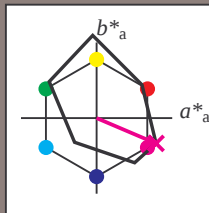
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 40 79 -34

$LAB^*LCH^*_{Ma}$: 40 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

% Gamut

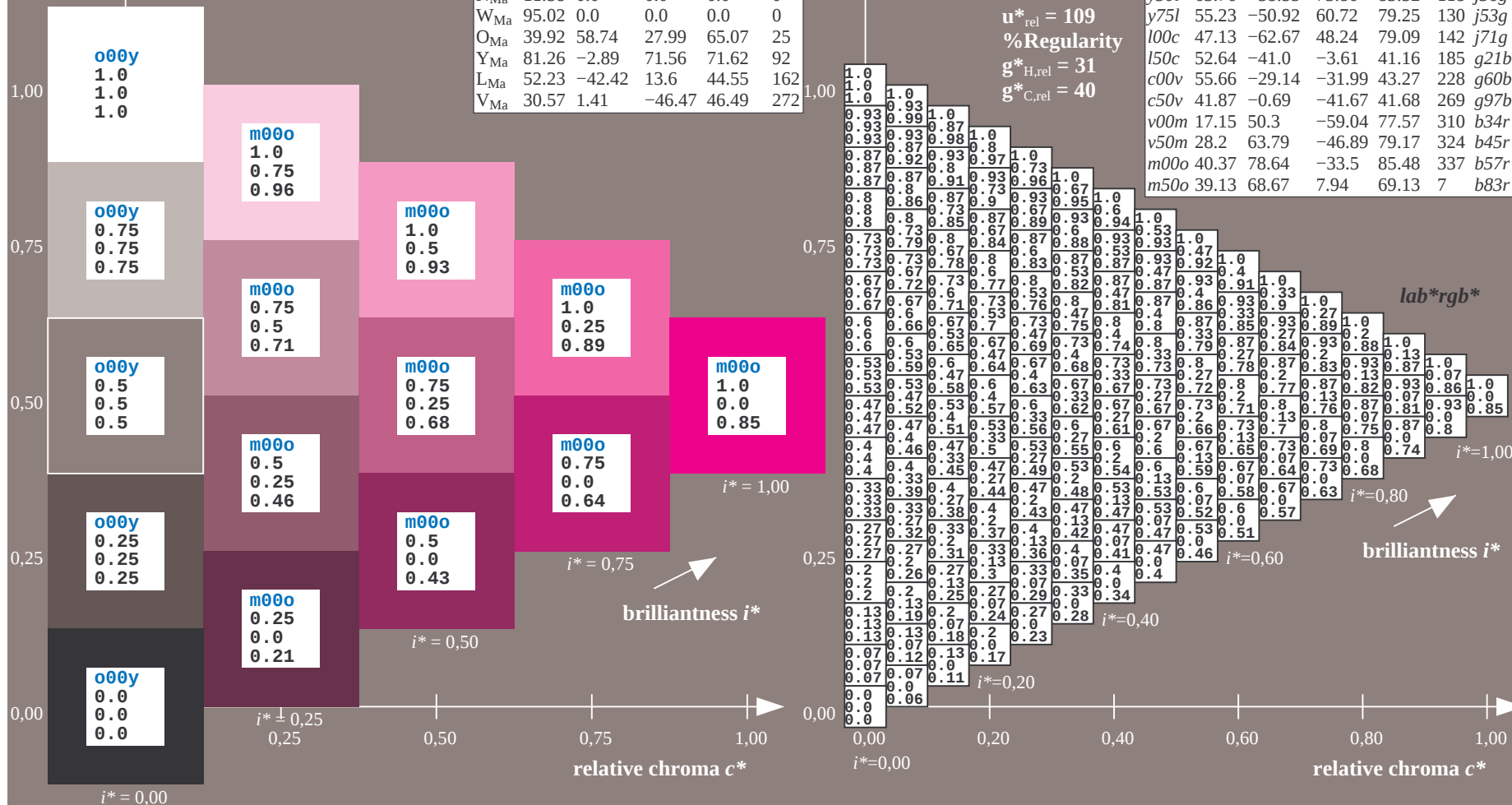
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

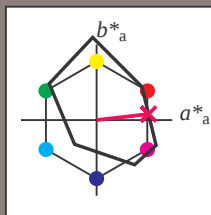
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 39 69 8

$LAB^*LCH^*_{Ma}$: 39 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

% Gamut

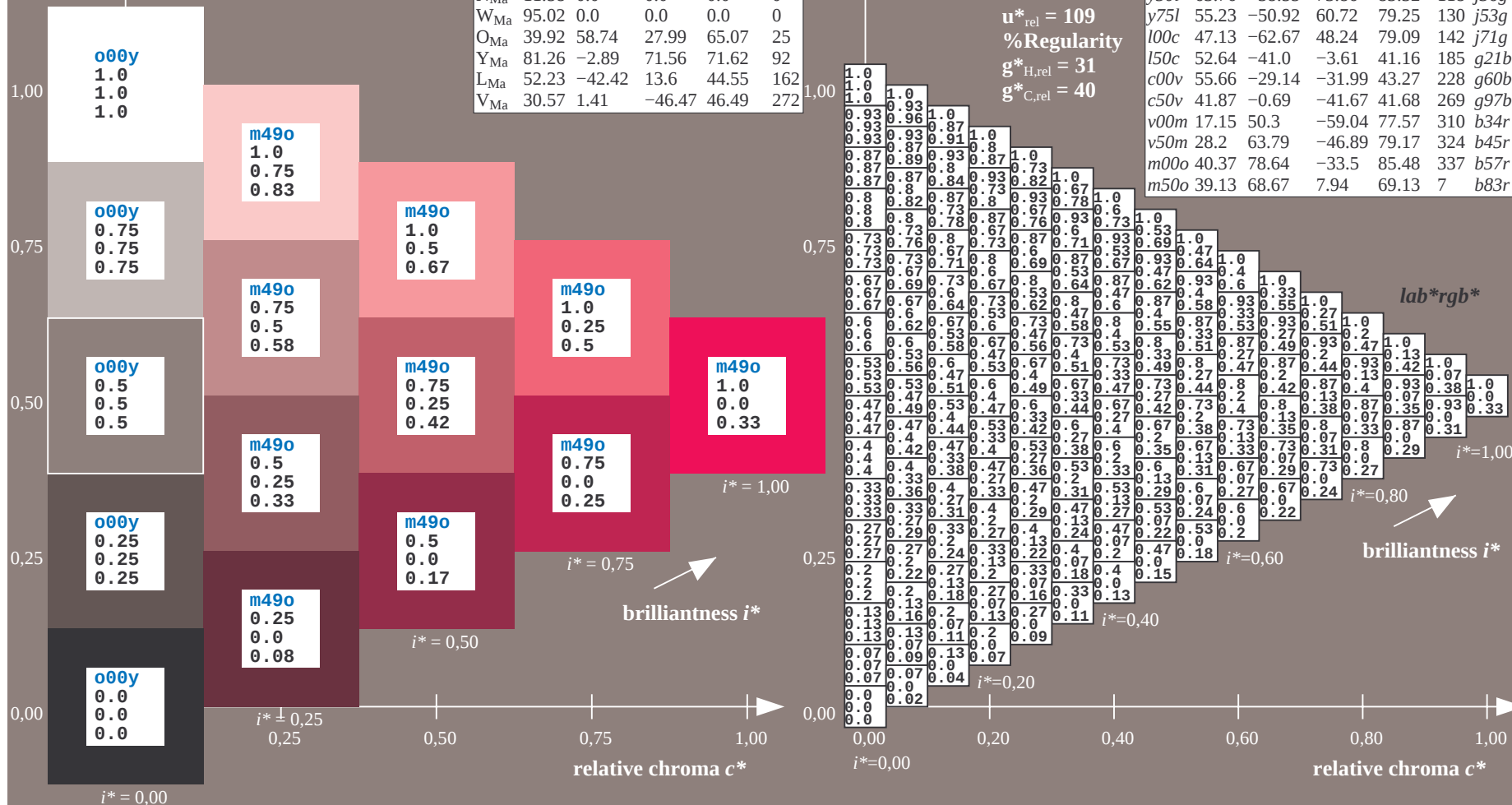
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

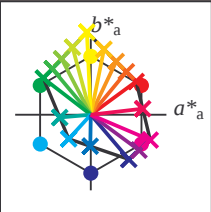
FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*rgb*						
01	0.0	0.04	0.07	0.11	0.14	0.18	0.21	0.25	0.28	0.13	0.12	0.16	0.2	0.23	0.27	0.3	0.34	0.37	0.25	0.25	0.25	0.28	0.32	0.35	0.39	0.43	0.46	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0			
02	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.02	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.04	0.15	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.9	0.79	0.69	0.58	0.48	0.37	0.27	0.16	0.0	0.0	0.0	0.0				
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
04	0.0	0.1	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.15	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.98	0.88	0.77	0.66	0.56	0.46	0.35	0.25	0.14	0.03	0.13	0.13	0.13	0.13	0.13	0.13	
05	0.13	0.13	0.1	0.06	0.01	0.0	0.0	0.0	0.0	0.11	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.08	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
06	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.21	0.13	0.13	0.13	0.13	0.15	0.19	0.22	0.25	0.25	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25			
07	0.0	0.01	0.2	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.23	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.95	0.85	0.75	0.65	0.54	0.44	0.33	0.23	0.12	0.25	0.25	0.25	0.25	0.25	0.25		
08	0.25	0.25	0.25	0.25	0.21	0.16	0.12	0.07	0.03	0.25	0.25	0.25	0.23	0.18	0.14	0.13	0.13	0.13	0.21	0.23	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25	0.25		
09	0.26	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.31	0.3	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.37	0.35	0.34	0.25	0.25	0.25	0.25	0.25	0.27	0.31	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
10	0.0	0.0	0.11	0.3	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.14	0.33	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.35	0.5	0.63	0.75	0.88	1.0	0.93	0.83	0.73	0.63	0.52	0.42	0.31	0.21	0.1	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
11	0.38	0.38	0.38	0.38	0.4	0.36	0.31	0.27	0.22	0.38	0.38	0.38	0.38	0.38	0.38	0.33	0.29	0.24	0.2	0.38	0.38	0.38	0.35	0.31	0.26	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
12	0.34	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.38	0.2	0.13	0.13	0.13	0.13	0.13	0.13	0.46	0.44	0.42	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
13	0.0	0.0	0.02	0.21	0.4	0.63	0.75	0.88	1.0	0.0	0.13	0.13	0.24	0.43	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.26	0.45	0.63	0.75	0.88	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.29	0.19	0.08	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
14	0.5	0.5	0.5	0.5	0.5	0.55	0.51	0.46	0.42	0.5	0.5	0.5	0.5	0.5	0.53	0.48	0.44	0.39	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.46	0.41	0.37	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	0.5	0.5
15	0.43	0.24	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.48	0.47	0.28	0.13	0.13	0.13	0.13	0.13	0.54	0.52	0.51	0.32	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
16	0.0	0.0	0.0	0.13	0.31	0.5	0.75	0.88	1.0	0.0	0.13	0.13	0.15	0.34	0.53	0.75	0.88	1.0	0.0	0.13	0.25	0.26	0.36	0.55	0.75	0.88	1.0	0.88	0.78	0.68	0.58	0.48	0.38	0.27	0.17	0.06	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
17	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.7	0.66	0.61	0.63	0.63	0.63	0.63	0.63	0.63	0.68	0.63	0.59	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.65	0.61	0.56	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63	0.63
18	0.51	0.33	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.57	0.55	0.37	0.19	0.13	0.13	0.13	0.13	0.13	0.63	0.61	0.59	0.41	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75
19	0.0	0.0	0.0	0.04	0.23	0.41	0.6	0.88	1.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
20	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.85	0.81	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
21	0.6	0.41	0.23	0.05	0.0	0.0	0.0	0.0	0.0	0.65	0.64	0.45	0.27	0.13	0.13	0.13	0.13	0.13	0.71	0.69	0.68	0.49	0.31	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
22	0.0	0.0	0.0	0.0	0.14	0.33	0.52	0.7	1.0	0.0	0.13	0.13	0.13	0.16	0.35	0.54	0.73	1.0	0.0	0.13	0.25	0.25	0.25	0.38	0.56	0.75	1.0	0.83	0.73	0.63	0.53	0.43	0.33	0.23	0.13	0.02	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
23	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
24	0.0	0.1	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.98	0.88	0.77	0.66	0.56	0.46	0.35	0.25	0.14	0.03	0.13	0.13	0.13	0.13	0.13	0.13	0.13
25	0.0	0.0	0.0	0.0	0.05	0.24	0.43	0.62	0.8	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.26	0.45	0.64	0.83	0.0	0.13	0.25	0.25	0.25	0.48	0.66	0.85	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	1.0	1.0	1.0	1.0	
26	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
27	0.38	0.38	0.37	0.41	0.44	0.48	0.51	0.55	0.5	0.5	0.5	0.5	0.5	0.5	0.53	0.57	0.6	0.64	0.63	0.63	0.63	0.63	0.62	0.66	0.69	0.73	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.06	0.17	0.27	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.23	0.38	0.5	0.63	0.75	0.88	1.0	0.1	0.21	0.31	0.42	0.52	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
30	0.38	0.38	0.37	0.41	0.44	0.48	0.52	0.55	0.5	0.5	0.5	0.5	0.5	0.5	0.53	0.57	0.6	0.64	0.63	0.63	0.63	0.63	0.62	0.66	0.69	0.73	0.92	0.84	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
31	0.0	0.17	0.27	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.19	0.29	0.4	0.5	0.63	0.75	0.88	1.0	0.0	0.21	0.31	0.42	0.52	0.63	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
32	0.06	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.04	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.01	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0</																	

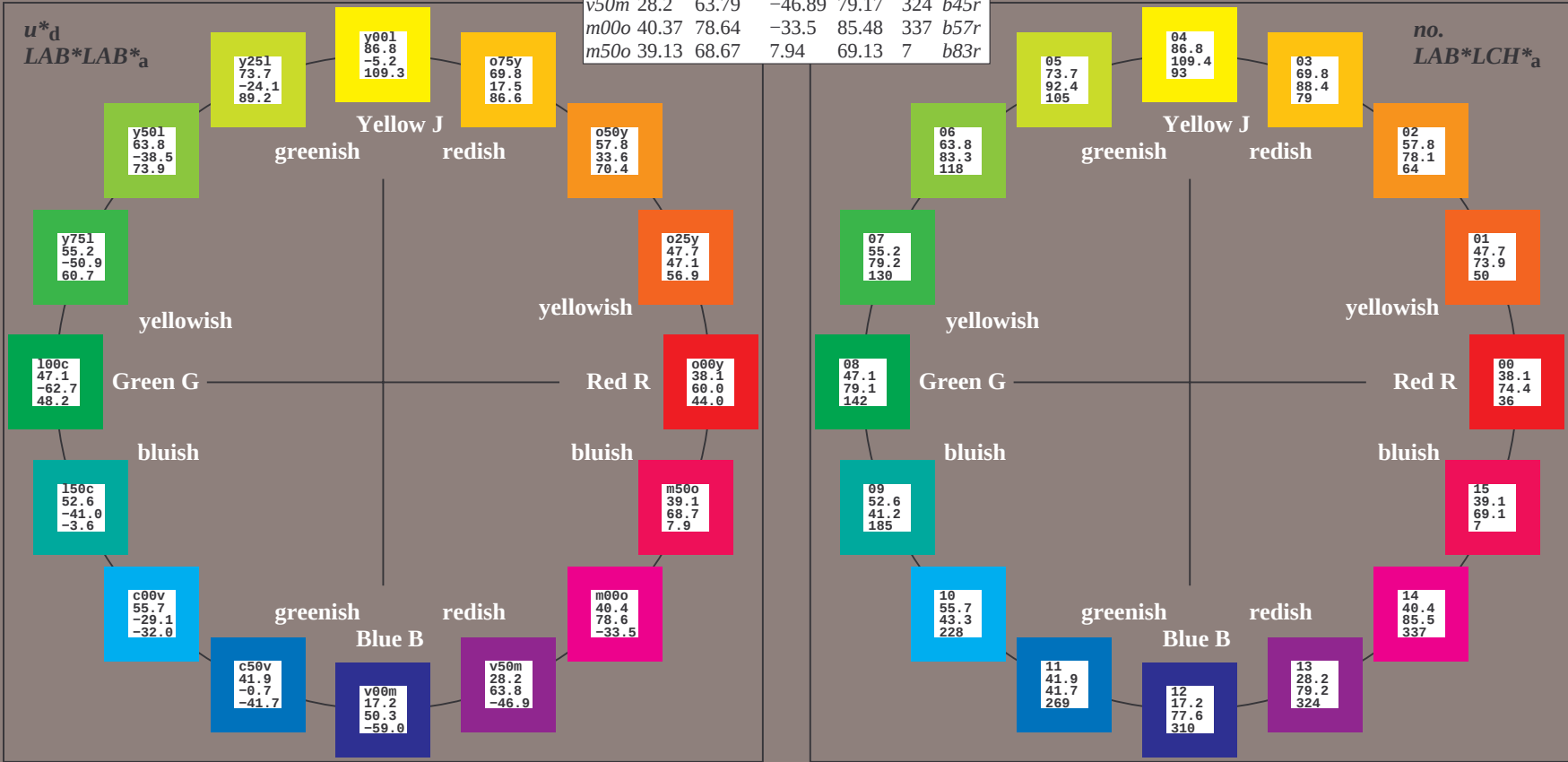
Input and output:
Colorimetric Printer Reflective System FRS12_95a
data for any colour:
 u^*_d and number $no.$ = 00 .. 15
device hue text:
 $u^*_d = 16$ hues $o00y, o25y, \dots, m50o$
contrast reduction factor:
 $c_R = 1.0$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	38.06	60.0	44.0	74.4	36
Y_{Ma}	86.77	-5.17	109.32	109.44	93
L_{Ma}	47.13	-62.67	48.24	79.09	142
C_{Ma}	55.66	-29.14	-31.99	43.27	228
V_{Ma}	17.15	50.3	-59.04	77.57	310
M_{Ma}	40.37	78.64	-33.5	85.48	337
N_{Ma}	11.58	0.0	0.0	0.0	0
W_{Ma}	95.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

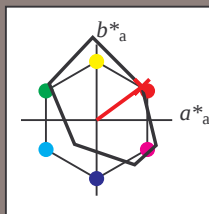
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 38 60 44

$LAB^*LCH^*_{Ma}$: 38 74 36

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$u^*_d = o00y$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

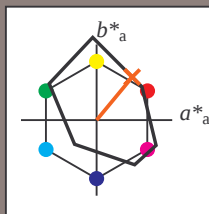
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 48 47 57

$LAB^*LCH^*_{Ma}$: 48 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$u^*_d = o25y$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

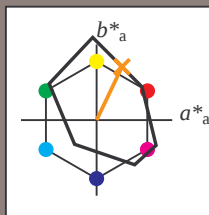
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 58 34 70

$LAB^*LCH^*_{Ma}$: 58 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

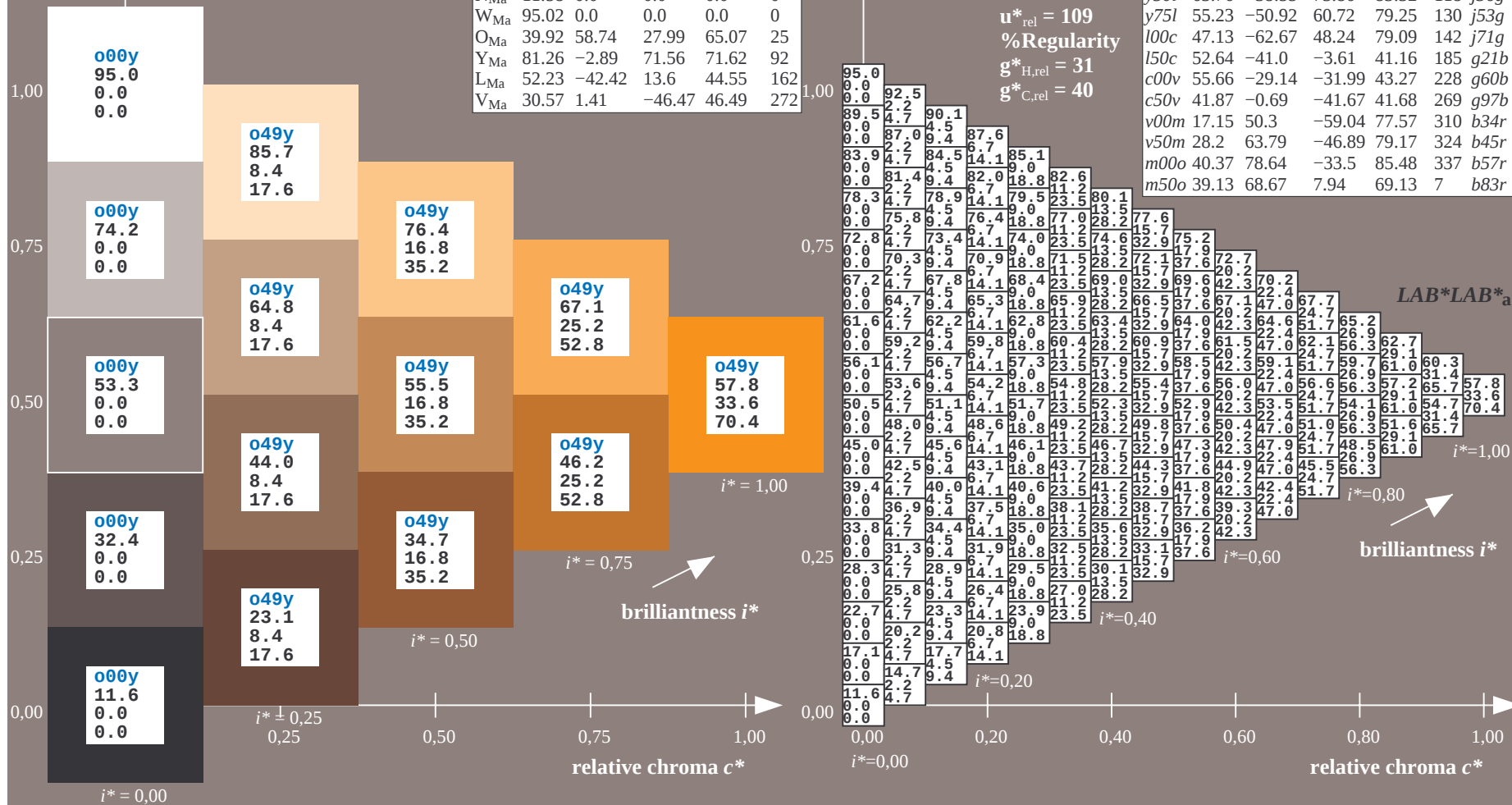
$u^*_d = o50y$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^*=1,00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

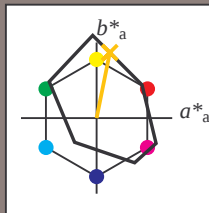
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 70 17 87

$LAB^*LCH^*_{Ma}$: 70 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$u^*_d = o75y$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

1,00

0,75

0,50

0,25

0,00

$i^* \pm 0,25$

$i^* = 0,50$

relative chroma c^*

1,00

0,75

0,25

0,00

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

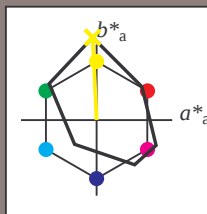
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 87 -5 109

$LAB^*LCH^*_{Ma}$: 87 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

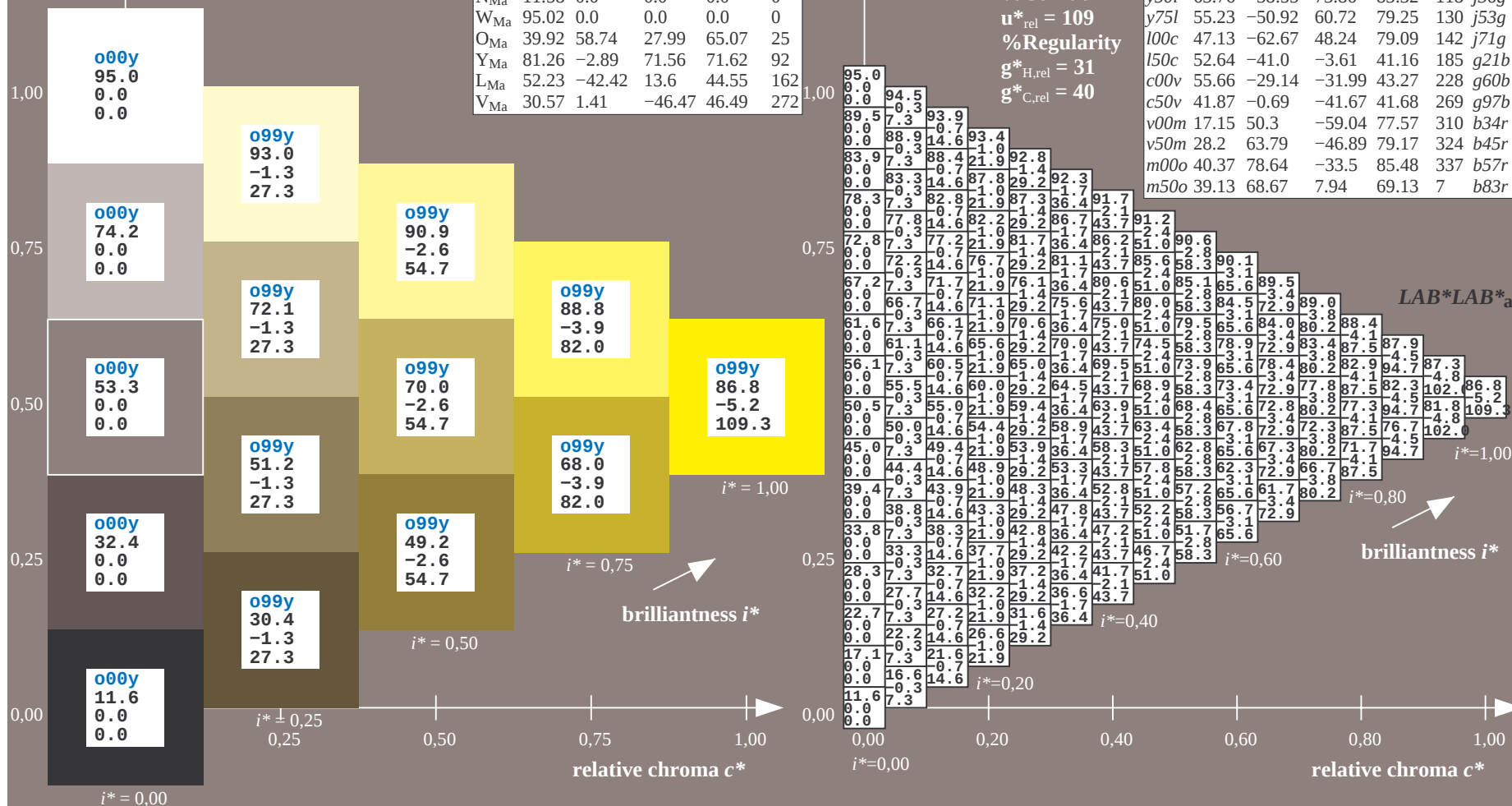
$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

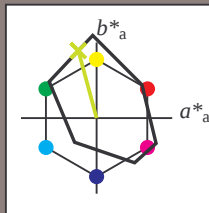
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 74 -24 89

$LAB^*LCH^*_{Ma}$: 74 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

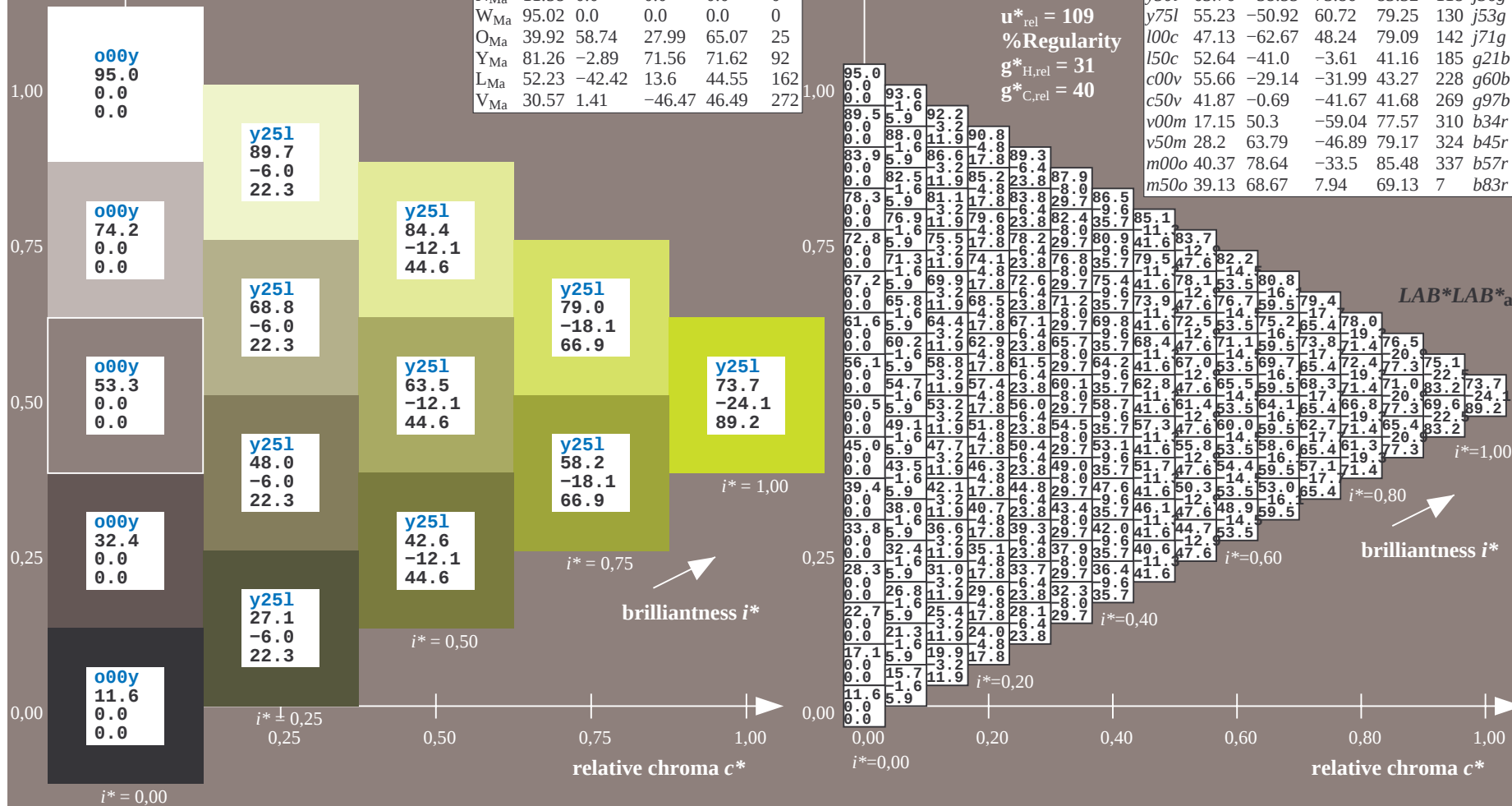
$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

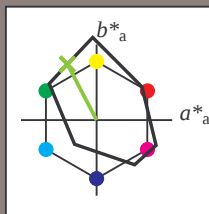
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 64 -39 74

$LAB^*LCH^*_{Ma}$: 64 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

%Gamut

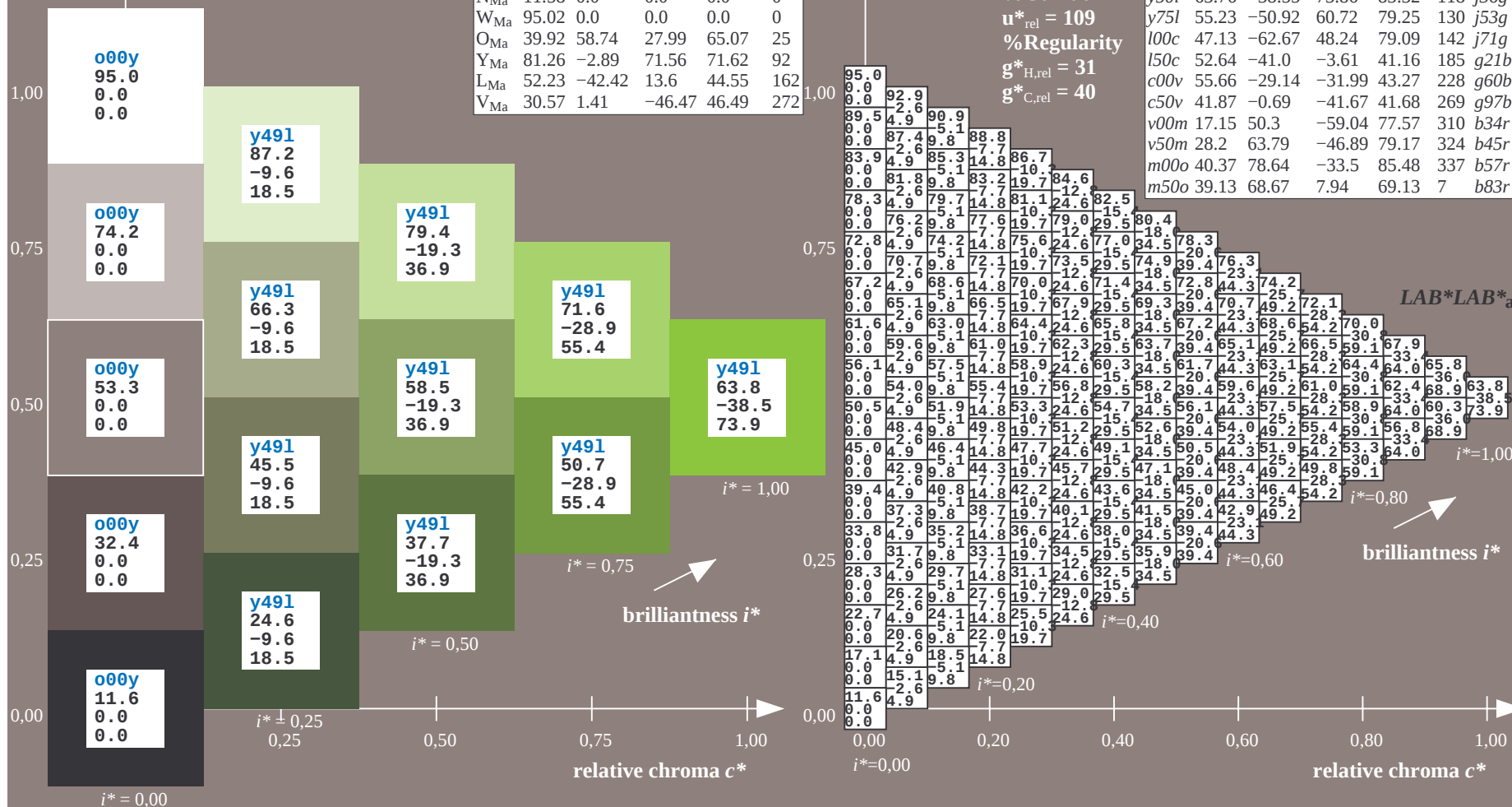
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

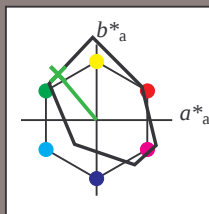
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.06	60.0	44.0	74.4	36
Y _{Ma}	86.77	-5.17	109.32	109.44	93
L _{Ma}	47.13	-62.67	48.24	79.09	142
C _{Ma}	55.66	-29.14	-31.99	43.27	228
V _{Ma}	17.15	50.3	-59.04	77.57	310
M _{Ma}	40.37	78.64	-33.5	85.48	337
N _{Ma}	11.58	0.0	0.0	0.0	0
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 55 -51 61

$LAB^*LCH^*_{Ma}$: 55 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

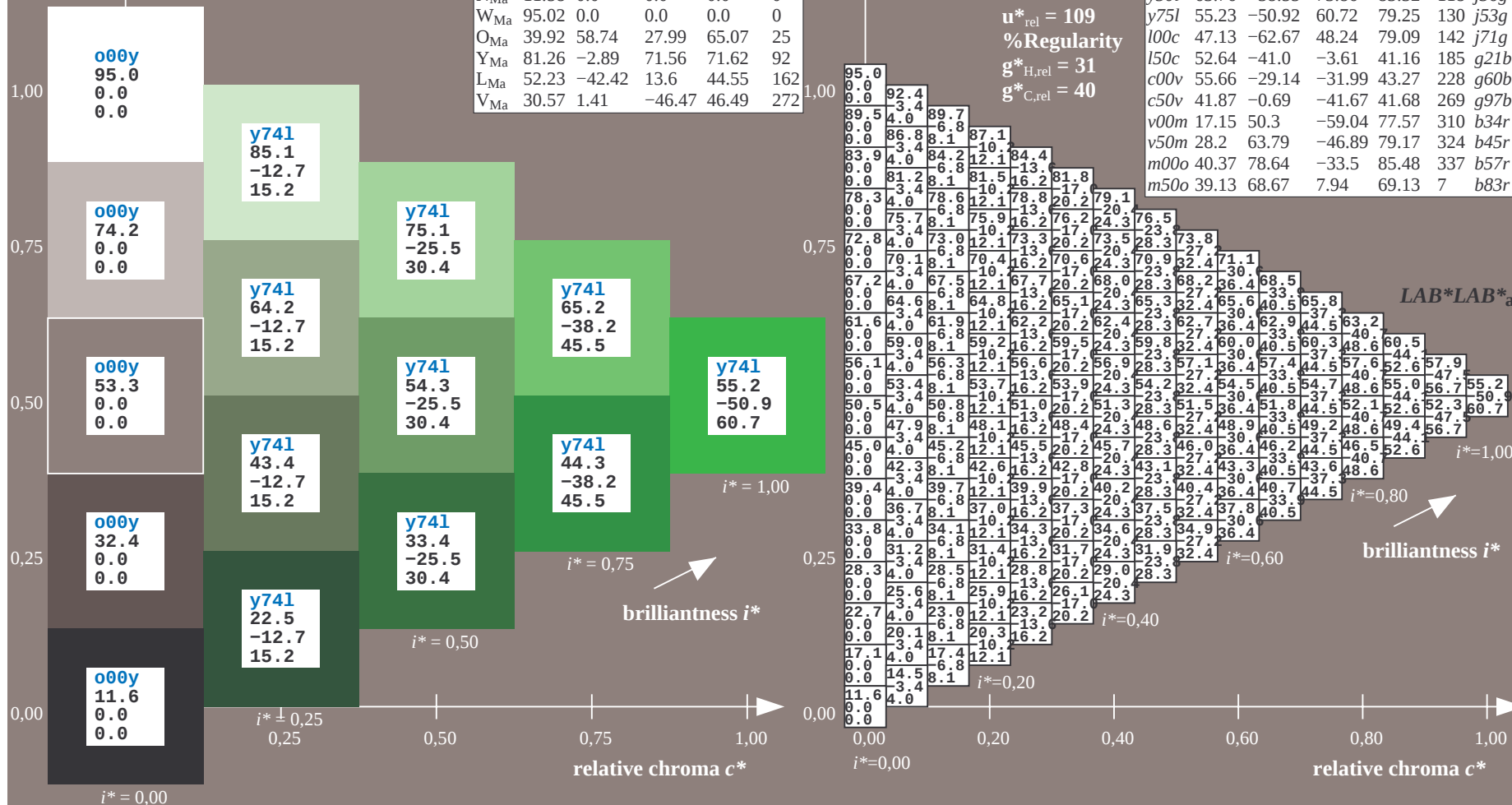
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

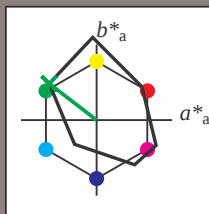
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 47 -63 48

$LAB^*LCH^*_{Ma}$: 47 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$u^*_d = 100c$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^*=1.00$

$i^*=0.80$

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, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

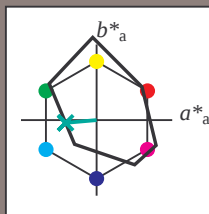
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 53 -41 -4

$LAB^*LCH^*_{Ma}$: 53 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

% Gamut

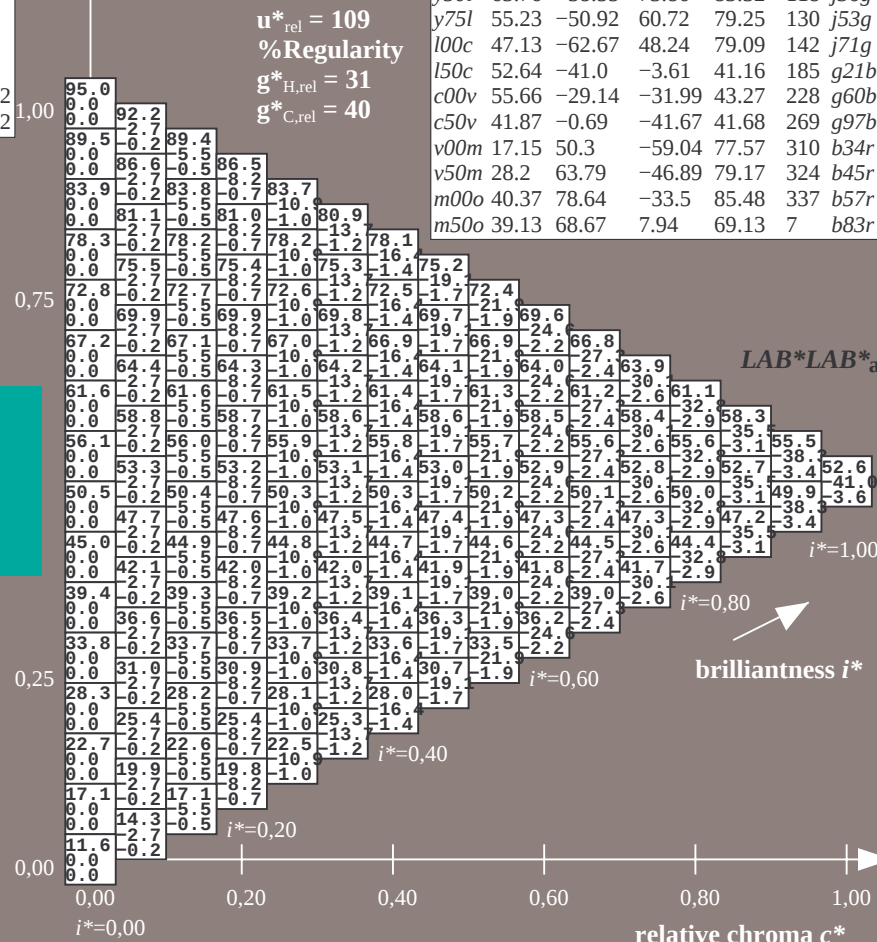
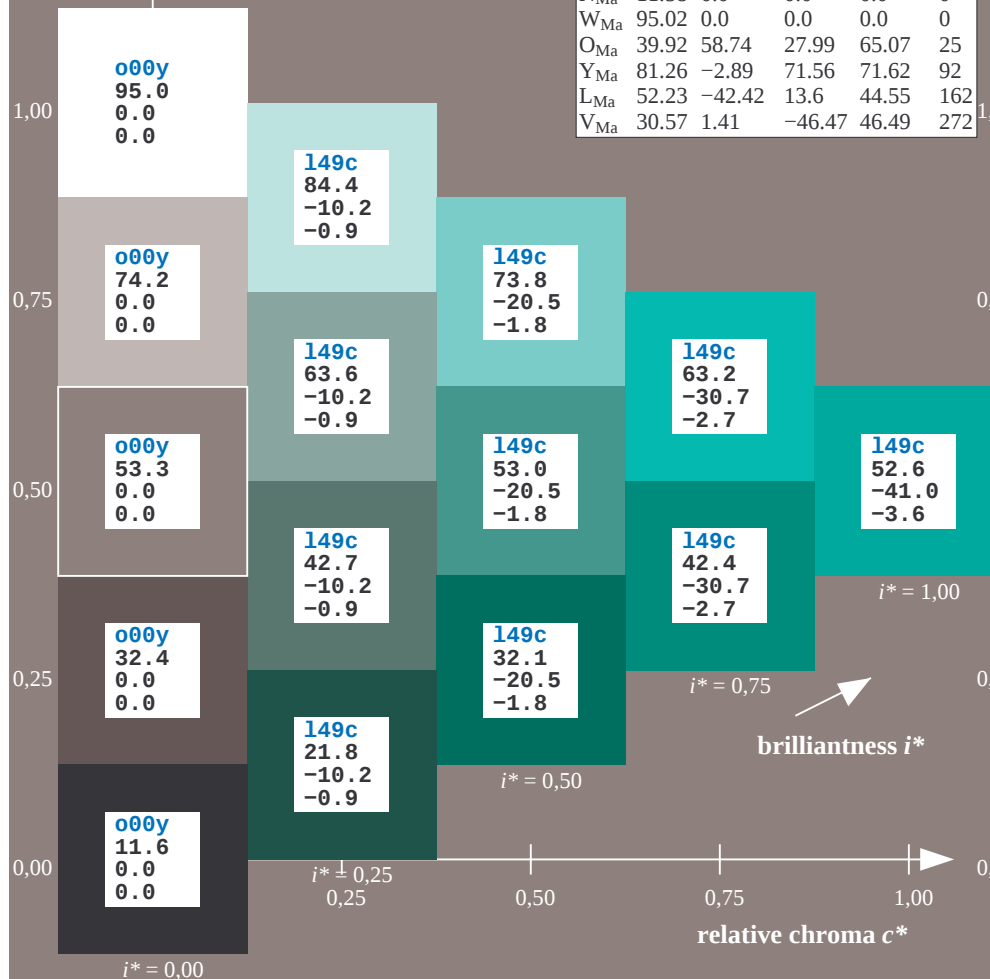
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

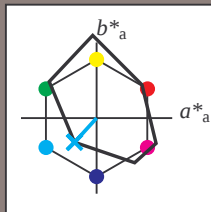
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 56 -29 -32

$LAB^*LCH^*_{Ma}$: 56 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*

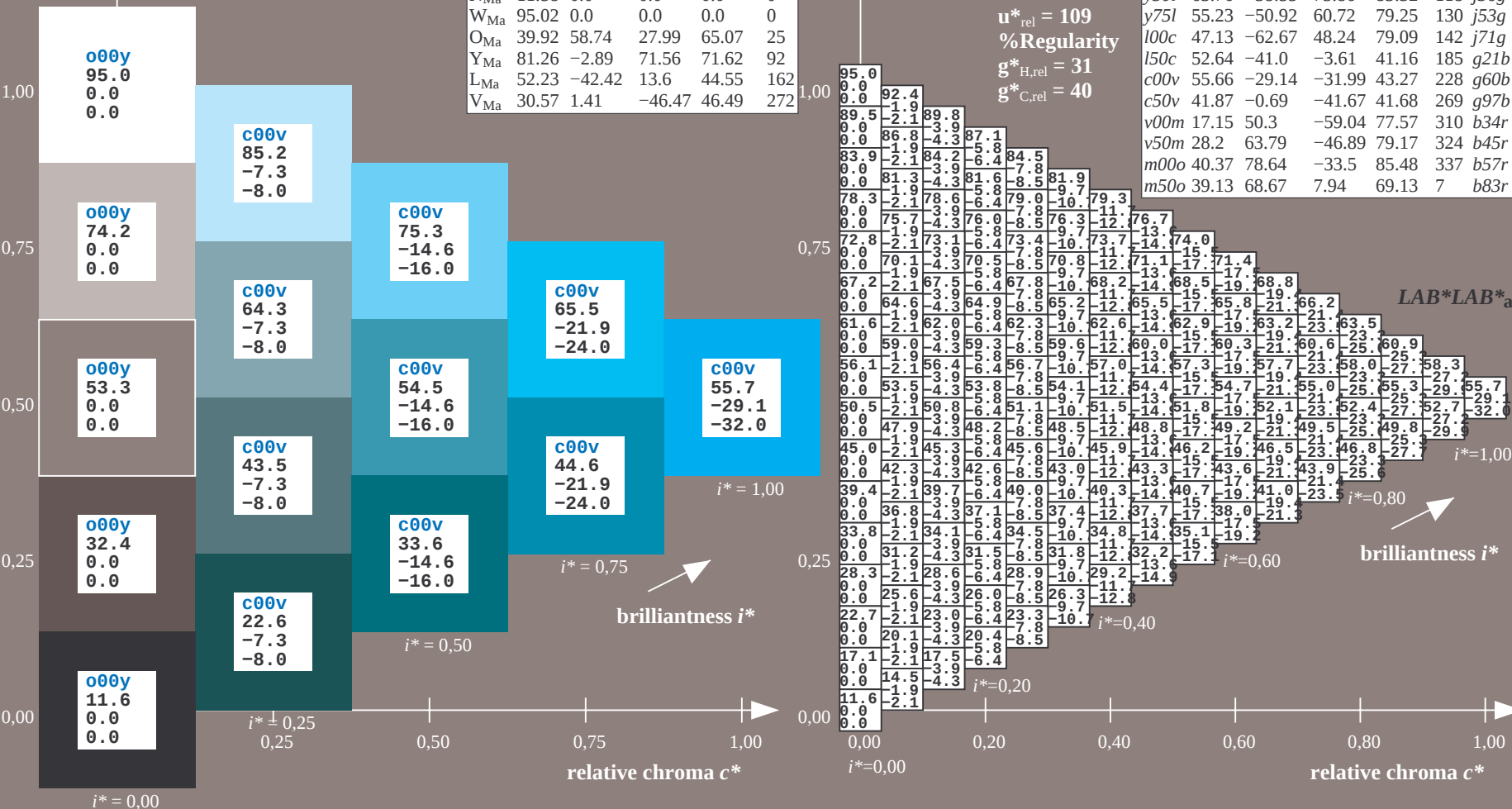
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

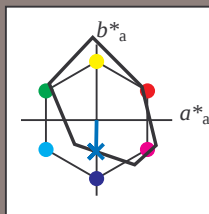
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 42 -1 -42

$LAB^*LCH^*_{Ma}$: 42 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

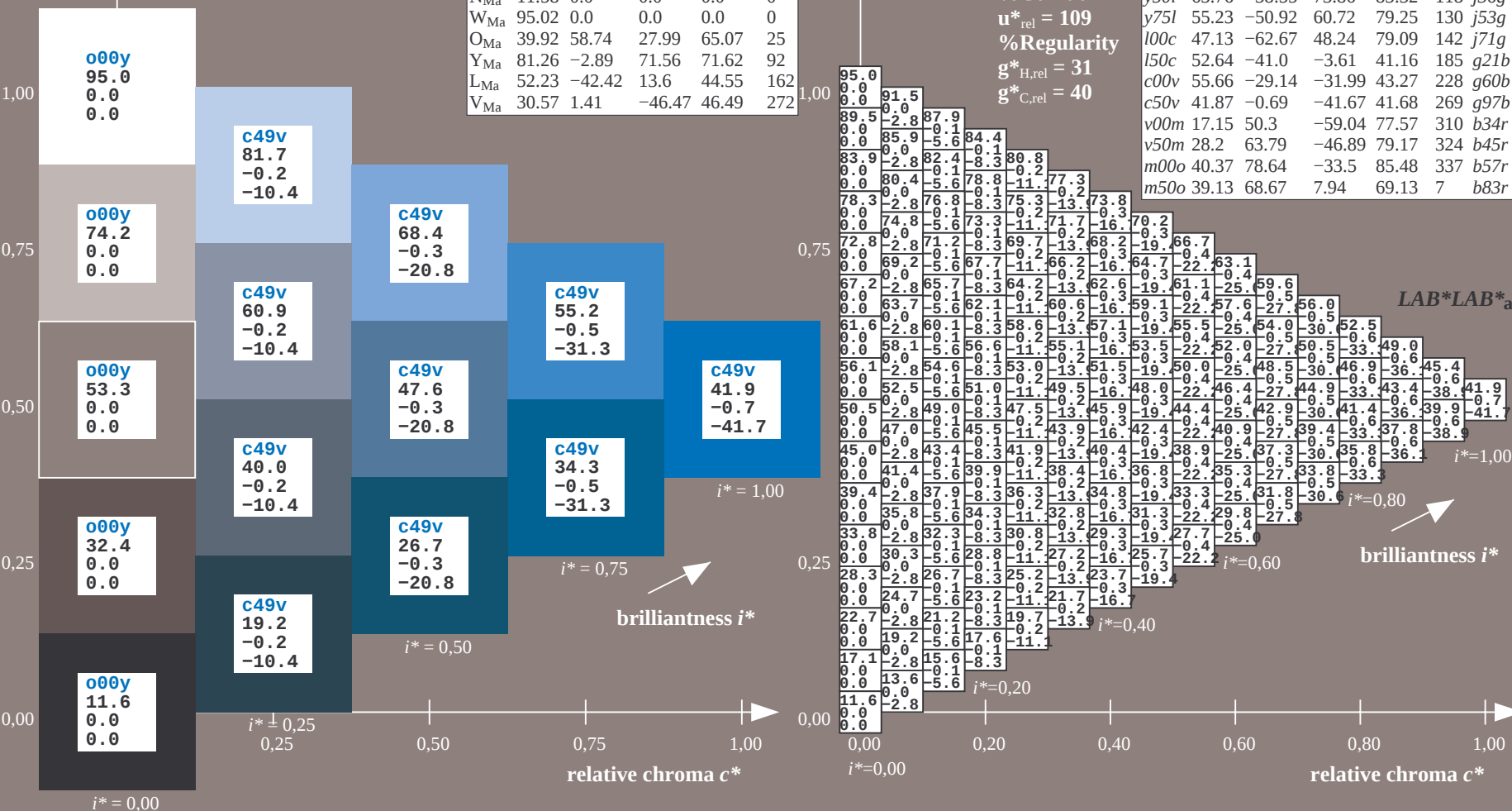
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36		r16j
o25y	47.68	47.13	56.9	73.88	50		r37j
o50y	57.77	33.62	70.44	78.05	64		r58j
o75y	69.84	17.48	86.62	88.37	79		r79j
y00l	86.77	-5.17	109.32	109.44	93		j01g
y25l	73.71	-24.12	89.19	92.39	105		j18g
y50l	63.76	-38.55	73.86	83.32	118		j36g
y75l	55.23	-50.92	60.72	79.25	130		j53g
l00c	47.13	-62.67	48.24	79.09	142		j71g
l50c	52.64	-41.0	-3.61	41.16	185		g21b
c00v	55.66	-29.14	-31.99	43.27	228		g60b
c50v	41.87	-0.69	-41.67	41.68	269		g97b
v00m	17.15	50.3	-59.04	77.57	310		b34r
v50m	28.2	63.79	-46.89	79.17	324		b45r
m00o	40.37	78.64	-33.5	85.48	337		b57r
m50o	39.13	68.67	7.94	69.13	7		b83r

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*

relative chroma c^*



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_{95}$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

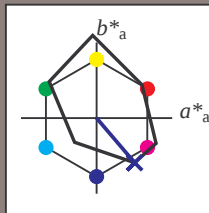
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 17 50 -59

$LAB^*LCH^*_{Ma}$: 17 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

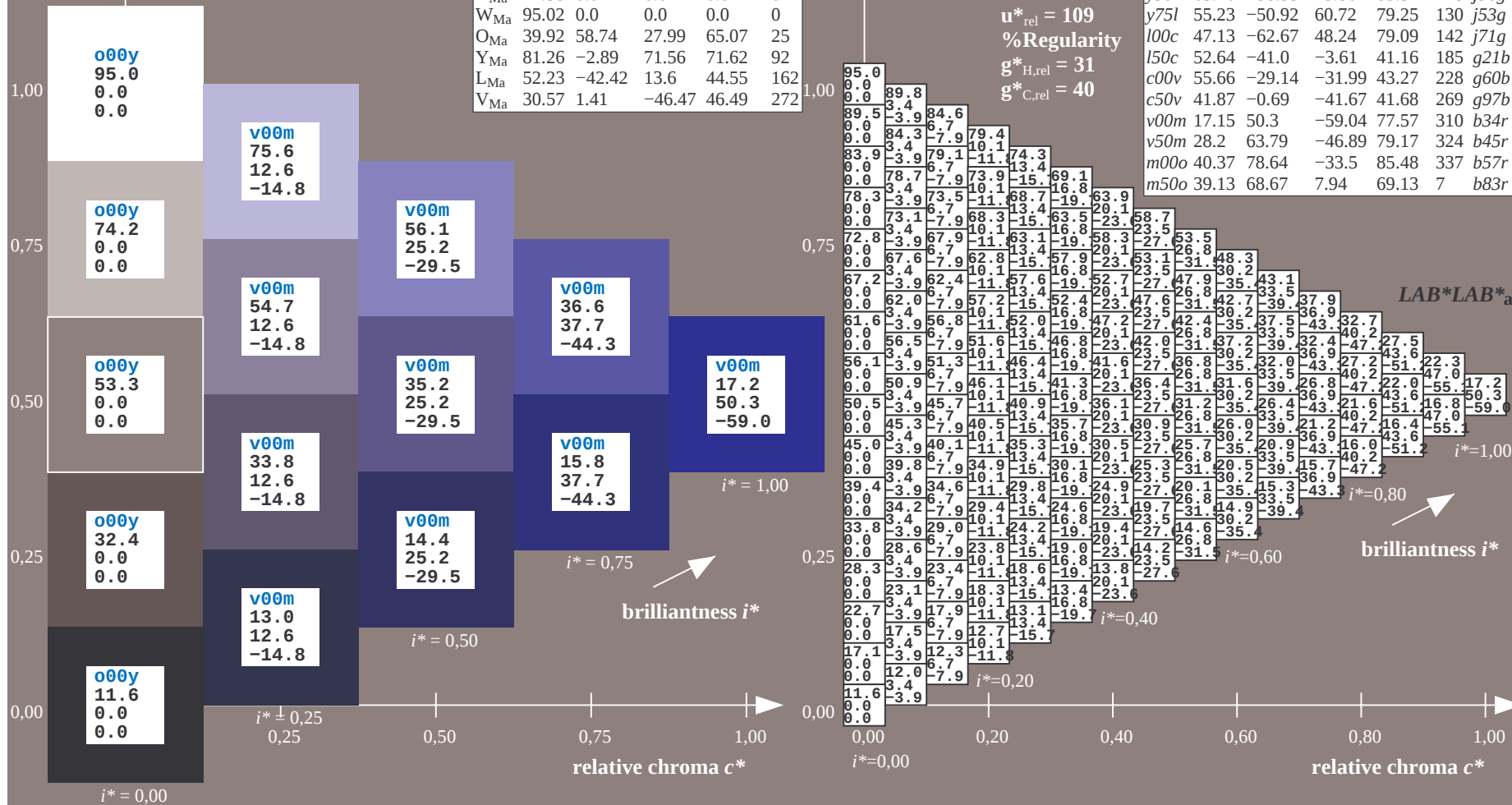
$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

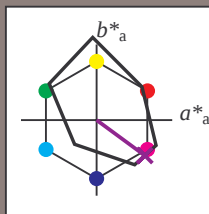
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 28 64 -47

$LAB^*LCH^*_{Ma}$: 28 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

% Gamut

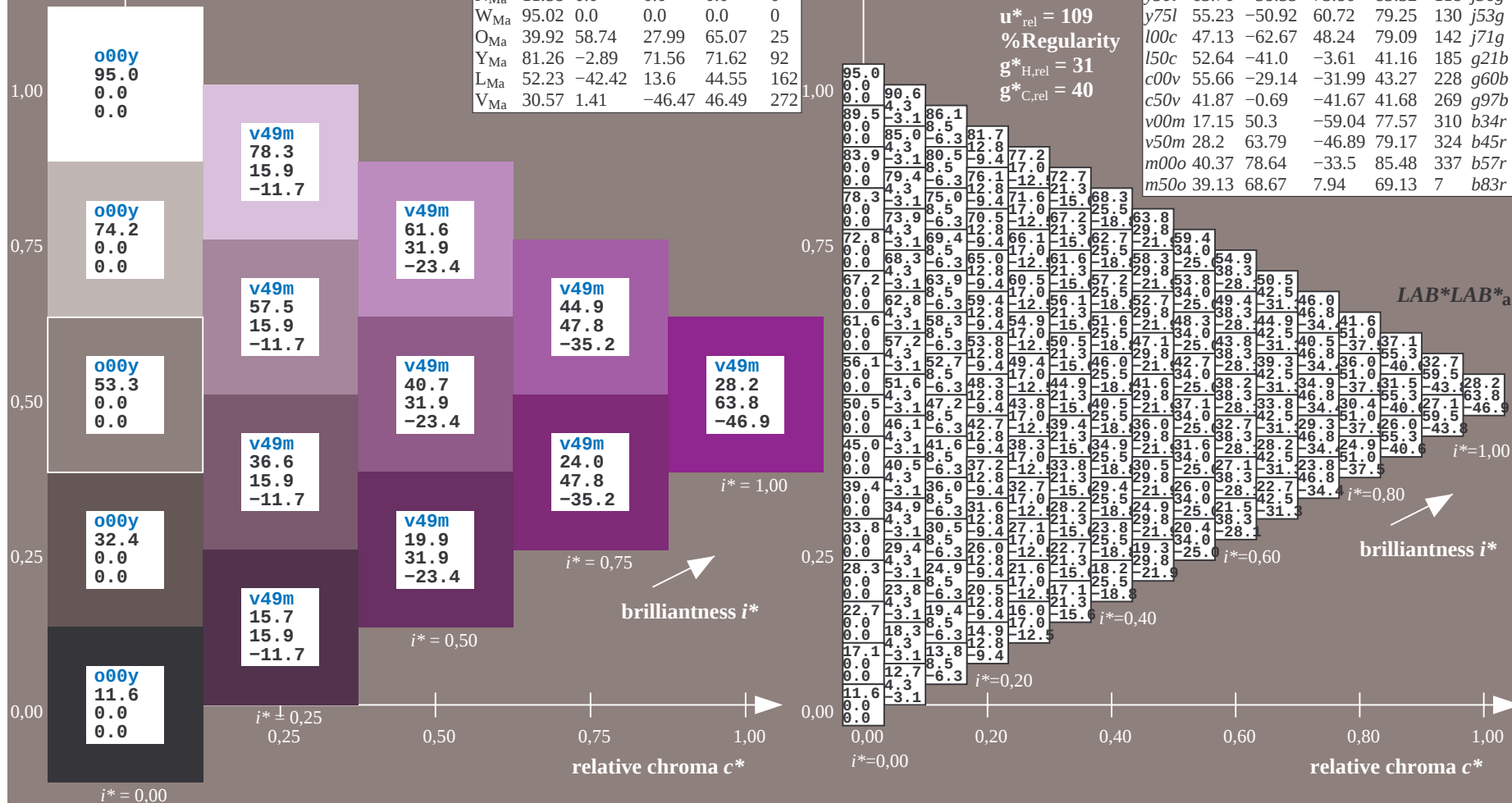
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

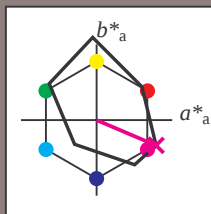
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 40 79 -34

$LAB^*LCH^*_{Ma}$: 40 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

% Gamut

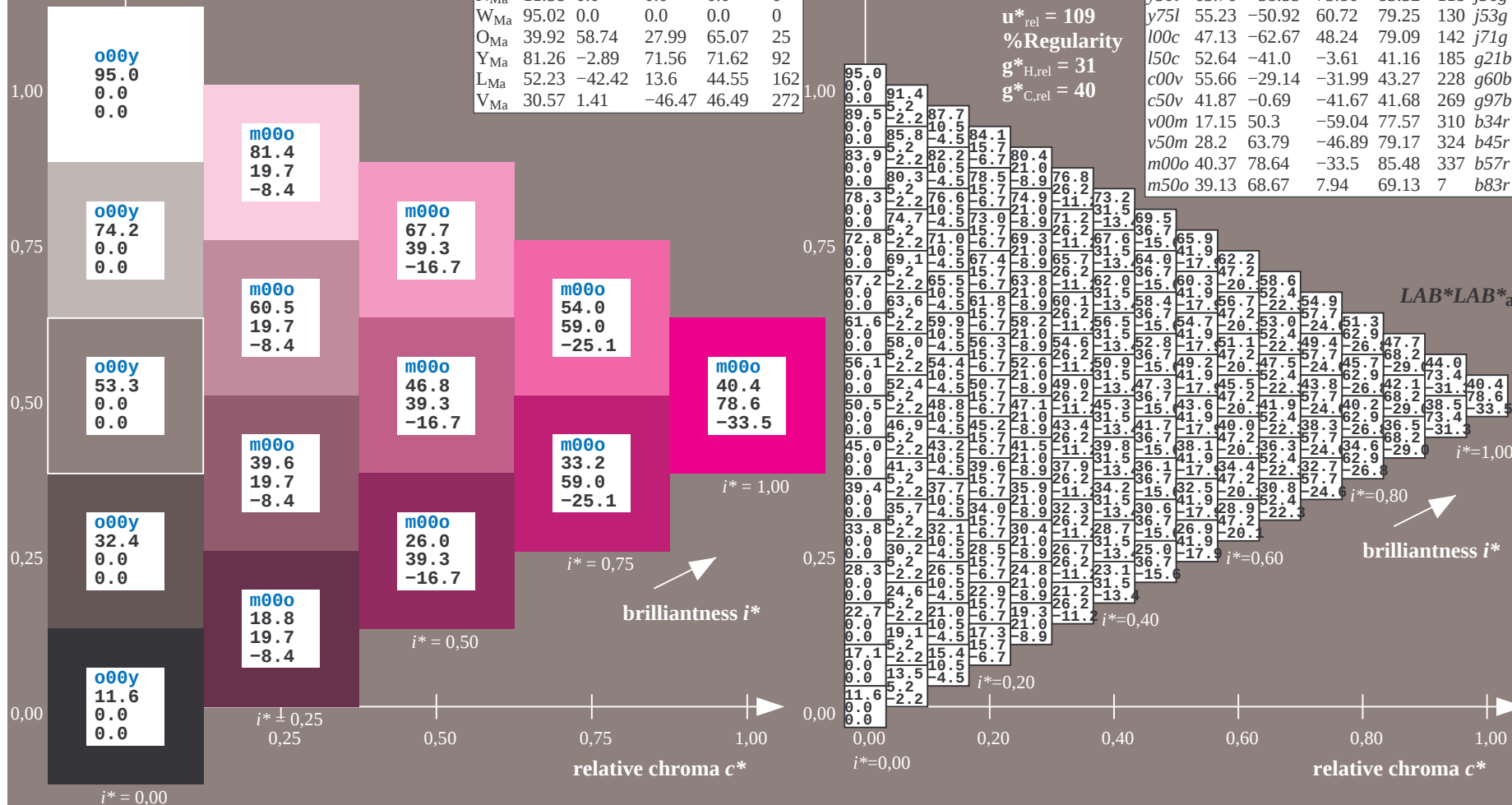
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

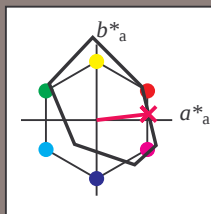
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 39 69 8

$LAB^*LCH^*_{Ma}$: 39 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$u^*_d = m50o$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

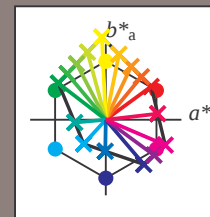
relative chroma c^*

relative chroma c^*

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*a			
01	11.6	16.0	20.5	24.9	29.4	33.8	38.2	42.7	47.1	14.9	21.0	24.6	29.0	33.4	37.8	42.3	46.7	51.2	18.2	23.1	30.4	33.5	37.7	42.0	46.4	50.8	55.2	95.0	87.9	80.8	73.7	66.5	59.4	52.3	45.2	38.1	11.6	11.6	11.6	11.6	
02	9.0	-7.8	-15.7	-23.5	-31.3	-39.2	-47.0	-54.8	-62.7	7.5	-0.6	-9.6	-17.6	-25.5	-33.4	-41.1	-49.0	-56.8	15.0	8.4	-1.3	-11.0	-19.3	-27.3	-35.2	-43.1	-50.9	90.0	7.5	15.0	22.5	30.0	37.5	45.0	52.5	60.0	0.0	0.0	0.0		
03	12.3	17.1	21.8	26.5	31.2	35.7	40.3	44.8	49.3	15.2	22.0	26.5	30.9	35.3	39.8	44.2	48.7	53.1	18.5	25.3	31.4	35.1	39.4	43.8	48.3	52.7	57.2	90.1	84.6	77.5	70.4	63.2	56.1	49.0	41.9	34.8	27.0	0.0	0.0	0.0	
04	6.3	-3.5	-10.2	-17.0	-24.2	-31.5	-38.9	-46.4	-54.0	9.0	-7.8	-15.7	-23.5	-31.3	-39.2	-47.0	-54.8	-62.7	7.5	-0.6	-9.6	-17.6	-25.5	-33.4	-41.1	-49.0	-56.8	90.0	7.5	15.0	22.5	30.0	37.5	45.0	52.5	60.0	0.0	0.0	0.0	0.0	
05	-7.4	-4.0	-0.9	2.8	7.1	11.8	16.8	22.0	27.4	-4.2	0.0	6.0	12.1	18.1	24.1	30.2	36.2	42.2	2.0	5.5	13.7	18.5	24.4	30.4	36.4	42.4	48.4	-4.0	0.0	5.5	11.0	16.5	22.0	27.5	33.0	38.5	0.0	0.0	0.0	0.0	
06	13.0	19.2	22.6	27.4	32.1	36.8	41.5	46.1	50.8	15.7	22.7	27.5	32.3	37.0	41.6	46.2	50.7	55.3	18.8	25.6	32.4	36.9	41.3	45.8	50.2	54.7	59.1	85.2	79.7	74.2	67.0	59.9	52.8	45.7	38.6	31.4	24.4	32.4	32.4	32.4	
07	12.6	-0.2	7.3	-13.9	-20.5	-27.3	-34.2	-41.2	-48.4	15.9	6.3	-3.6	-10.2	-17.1	-24.1	-31.5	-38.9	-46.4	19.7	9.8	0.0	-7.8	-15.7	-23.5	-31.3	-39.2	-47.0	-7.3	-3.6	0.0	7.5	15.0	22.5	30.0	37.5	45.0	0.0	0.0	0.0	0.0	
08	-14.8	-10.4	-8.0	-4.9	-1.8	1.7	5.5	9.7	14.1	-11.7	-7.4	-4.0	-0.9	2.8	7.1	11.8	16.8	22.0	-8.4	-4.0	6.0	12.1	18.1	24.1	30.2	36.2	42.2	-8.0	-4.0	0.0	5.5	11.0	16.5	22.0	27.5	33.0	0.0	0.0	0.0	0.0	
09	13.7	20.9	24.7	28.1	32.8	37.6	42.4	47.1	51.8	16.4	23.4	29.6	33.0	37.8	42.5	47.3	51.9	56.6	19.3	26.2	33.1	37.9	42.7	47.4	52.0	56.6	61.2	80.3	74.7	69.2	63.7	56.6	49.5	42.4	35.3	28.1	42.9	42.9	42.9	42.9	
10	18.9	3.9	-3.8	-10.9	-17.6	-24.1	-30.7	-37.5	-44.4	32.2	12.6	-0.2	-7.3	-13.9	-20.5	-27.3	-34.2	-41.2	22.5	15.9	6.3	-3.6	-10.2	-17.1	-24.1	-31.5	-38.9	-10.9	-7.3	-3.6	0.0	7.5	15.0	22.5	30.0	37.5	0.0	0.0	0.0	0.0	
11	-32.1	-17.0	1.4	-12.0	-18.7	-25.8	-32.7	-39.7	-46.7	4.4	-19.1	-14.8	-10.4	-8.0	-4.9	-1.8	1.7	5.5	9.7	-16.0	-11.7	-7.4	-4.0	-0.9	2.8	7.1	11.8	16.8	-12.0	-8.0	-4.0	5.5	11.0	16.5	22.0	27.5	0.0	0.0	0.0	0.0	
12	14.4	22.4	26.7	30.1	33.6	38.3	43.1	47.9	52.6	17.1	24.1	31.4	35.1	38.5	43.3	48.1	52.8	57.5	19.9	26.8	33.8	40.0	43.5	48.2	53.0	57.7	62.4	75.3	69.8	64.3	58.8	53.3	46.2	39.1	31.9	24.8	53.3	53.3	53.3	53.3	
13	25.2	8.6	-0.3	-7.3	-14.6	-21.3	-27.8	-34.4	-41.0	28.8	18.9	9.9	-3.8	-10.9	-17.6	-24.1	-30.7	-37.5	31.9	22.2	12.6	-0.2	-7.3	-13.9	-20.5	-27.3	-34.2	-14.6	-10.9	-7.3	-3.6	0.0	7.5	15.0	22.5	30.0	0.0	0.0	0.0	0.0	
14	-29.5	-23.9	-20.8	-18.5	-16.0	-12.6	-9.7	-6.8	-3.6	-26.5	-22.1	-17.0	-14.4	-12.0	-8.7	-5.8	-2.7	0.7	-23.4	-19.1	-14.8	-10.4	-8.0	-4.9	-1.8	1.7	5.5	-16.0	-12.0	-8.0	-4.0	0.0	5.5	11.0	16.5	22.0	0.0	0.0	0.0	0.0	
15	15.1	23.7	28.6	32.3	35.6	39.1	43.8	48.6	53.4	17.8	24.8	32.8	37.2	40.5	44.0	48.8	53.6	58.3	20.6	27.5	34.5	41.8	45.5	49.0	53.7	58.5	63.2	70.4	64.9	59.4	53.9	48.4	42.9	35.8	28.6	21.5	63.7	63.7	63.7	63.7	
16	31.4	13.7	3.5	-4.0	-10.9	-18.2	-25.0	-31.5	-38.0	34.8	25.2	8.6	-0.3	-7.3	-14.6	-21.3	-27.8	-34.4	38.1	28.5	18.9	9.9	-3.8	-10.9	-17.6	-24.1	-30.7	-18.2	-14.6	-10.9	-7.3	-3.6	0.0	7.5	15.0	22.5	0.0	0.0	0.0	0.0	
17	-36.9	-30.8	-27.4	-24.8	-22.0	-19.0	-16.5	-13.6	-10.7	-33.9	-29.5	-23.9	-20.8	-18.5	-16.0	-12.6	-9.7	-6.8	-3.6	-30.9	-26.5	-22.1	-17.0	-14.4	-12.0	-8.7	-5.8	-2.7	-20.0	-16.0	-12.0	-8.0	-4.0	0.0	5.5	11.0	16.5	0.0	0.0	0.0	0.0
18	15.8	24.8	30.3	34.3	37.7	41.0	44.6	49.3	54.1	18.5	25.5	34.1	39.0	42.7	46.0	49.6	54.3	59.0	21.2	28.2	35.2	43.3	47.6	51.0	54.5	59.2	64.0	65.5	60.0	54.5	49.0	43.5	37.9	32.4	25.3	18.2	74.2	74.2	74.2	74.2	
19	37.7	19.0	7.8	-0.5	-7.6	-14.4	-21.9	-28.7	-35.4	21.1	31.4	13.7	3.5	-4.0	-10.9	-18.2	-25.0	-31.5	34.4	25.2	8.6	-0.3	-7.3	-14.6	-21.3	-27.8	-34.2	-21.9	-18.2	-14.6	-10.9	-7.3	-3.6	0.0	7.5	15.0	0.0	0.0	0.0	0.0	
20	-44.3	-37.9	-34.1	-31.3	-28.8	-26.5	-24.0	-20.4	-17.4	-41.3	-36.9	-30.8	-27.4	-24.8	-22.0	-19.0	-16.5	-13.6	-38.9	-33.9	-29.5	-23.9	-20.8	-18.5	-16.0	-12.6	-9.7	-24.0	-20.0	-16.0	-12.0	-8.0	-4.0	0.0	5.5	11.0	0.0	0.0	0.0	0.0	
21	16.5	25.9	31.8	37.2	42.6	48.0	53.4	58.8	64.2	26.2	35.3	40.7	44.7	48.2	51.5	55.1	59.8	64.5	21.9	28.9	35.9	44.5	49.5	53.1	56.4	60.0	64.7	69.6	65.1	49.6	44.0	38.5	33.0	27.5	22.0	14.9	84.6	84.6	84.6	84.6	
22	44.0	24.6	12.3	3.3	-4.2	-11.1	-18.0	-25.5	-32.3	34.7	37.7	19.0	7.8	-0.5	-7.6	-14.4	-21.9	-28.7	50.7	41.1	31.4	13.7	3.5	-4.0	-10.9	-18.2	-25.0	-25.0	-21.9	-18.2	-14.6	-10.9	-7.3	-3.6	0.0	7.5	0.0	0.0	0.0	0.0	
23	-51.7	-45.0	-40.9	-37.8	-35.2	-32.9	-30.5	-28.4	-24.4	-48.7	-44.3	-37.9	-34.1	-31.3	-28.8	-26.5	-24.0	-20.4	-45.6	-41.3	-36.9	-30.8	-27.4	-24.8	-22.0	-19.0	-16.5	-28.0	-24.0	-20.0	-16.0	-12.0	-8.0	-4.0	0.0	5.5	0.0	0.0	0.0	0.0	
24	17.2	28.9	33.2	38.0	41.9	45.3	48.5	52.0	55.7	19.7	26.9	36.9	42.2	46.3	50.3	53.6	56.9	60.3	22.5	29.6	36.6	45.7	51.1	55.2	58.5	61.9	65.3	65.7	59.1	53.6	48.1	42.6	37.1	31.6	26.1	17.1	12.6	95.0	95.0	95.0	95.0
25	50.3	30.2	17.1	7.3	-0.7	-7.8	-14.7	-21.6	-29.5	63.4	40.0	24.6	12.3	3.3	-4.2	-11.1	-18.0	-25.5	57.0	47.3	37.7	19.0	7.8	-0.5	-7.6	-14.4	-21.9	-29.5	-21.9	-18.2	-14.6	-10.9	-7.3	-3.6	0.0	0.0	0.0	0.0	0.0	0.0	
26	-59.6	-52.2	-47.7	-44.4	-41.7	-39.2	-36.9	-34.6	-32.0	-56.0	-51.7	-45.0	-40.9	-37.8	-35.2	-32.9	-30.5	-28.0	-53.0	-48.7	-44.3	-37.9	-34.1	-31.3	-28.8	-26.5	-24.0	-32.0	-28.0	-24.0	-20.0	-16.0	-12.0	-8.0	-4.0	0.0	0.0	0.0	0.0	0.0	
27	21.5	26.3	31.8	39.8	42.6	46.5	50.7	55.0	59.4	24.8	29.6	34.7	40.7	49.2	61.8	55.5	59.5	63.8	28.1	32.9	37.8	43.3	49.8	58.6	61.1	64.6	68.5	95.0	94.0	93.0	91.9	90.9	89.9	88.8	87.8	86.8	11.6	11.6	11.6	11.6	
28	22.5	16.0	8.7	-1.9	-12.1	-20.7	-28.9	-36.9	-44.9	30.0	26.3	16.8	8.7	-2.6	-13.0	-22.0	-30.9	-38.5	37.5	31.1	24.5	17.3	8.5	-3.2	-13.9	-23.1	-31.9	0.0	-0.6	-1.3	-1.9	-2.6	-3.2	-3.9	-4.5	-5.2	0.0	0.0	0.0	0.0	
29	16.5	23.0	30.3	41.0	44.6	49.8	55.4	61.2	67.1	22.0	28.5	35.2	43.3	54.7	67.9	62.8	68.2	73.9	27.5	34.0	40.5	47.8	56.5	68.3	71.4	75.9	81.1	0.0	0.0	13.7	27.3	41.0	54.7	68.3	82.0	95.7	109.3	0.0	0.0	0.0	
30	21.8	28.6	33.6	40.0	44.0	48.1	52.4	56.8	61.2	25.1	31.9	36.8	42.2	50.2	63.1	57.0	61.1	65.5	28.4	35.3	40.1	45.1	51.1	59.6	62.3	65.9	70.0	85.3	84.6	83.6	82.5	81.5	80.5	79.4	78.4	77.4	17.1	17.1	17.1	17.1	
31	24.7	15.0	8.4	-1.3	-11.0	-19.3	-27.3	-35.2	-43.3	32.2	22.5	16.0	8.7	-1.9	-12.1	-20.7	-28.9	-36.9	39.0	30.0	23.6	16.8	8.7	-2.6	-13.0	-22.0	-30.9	0.0	-0.6	-1.3	-1.9	-2.6	-3.2	-3.9	-4.5	0.0	0.0	0.0	0.0	0.0	
32	26.8	17.2	7.5	-0.6	-9.5	-17.4	-25.3	-33.3	-41.3	34.3	24.7	15.0	8.4	-1.3	-11.0	-19.3	-27.3	-35.2	34.9	25.2	16.0	8.7	-1.9	-12.1	-20.7	-28.9	12.6	6.3	0.0	-0.6	-1.3	-1.9	-2.6	-3.2	-3.9	0.0	0.0	0.0	0.0	0.0	
33	-1.5	2.0	5.5	13.7	18.5	24.4	30.4	36.4	42.4	4.0	7.3	11.0	17.6	27.3	31.4	36.9	42.8	48.7	9.3	12.7	16.5	23.0	30.3	41.0	44.6	49.8	55.4	-14.8	-7.4	0.0	13.7	27.3	41.0	54.7	68.3	82.0	0.0	0.0	0.0	0.0	
34	22.4	29.2	36.0	42.9	47.3	51.8	56.2	60.6	65.1	25.6	32.5	39.3	46.2	52.3	55.9	60.3	64.7	69.1	28.9	35.8	42.6	49.5	54.4	61.																	

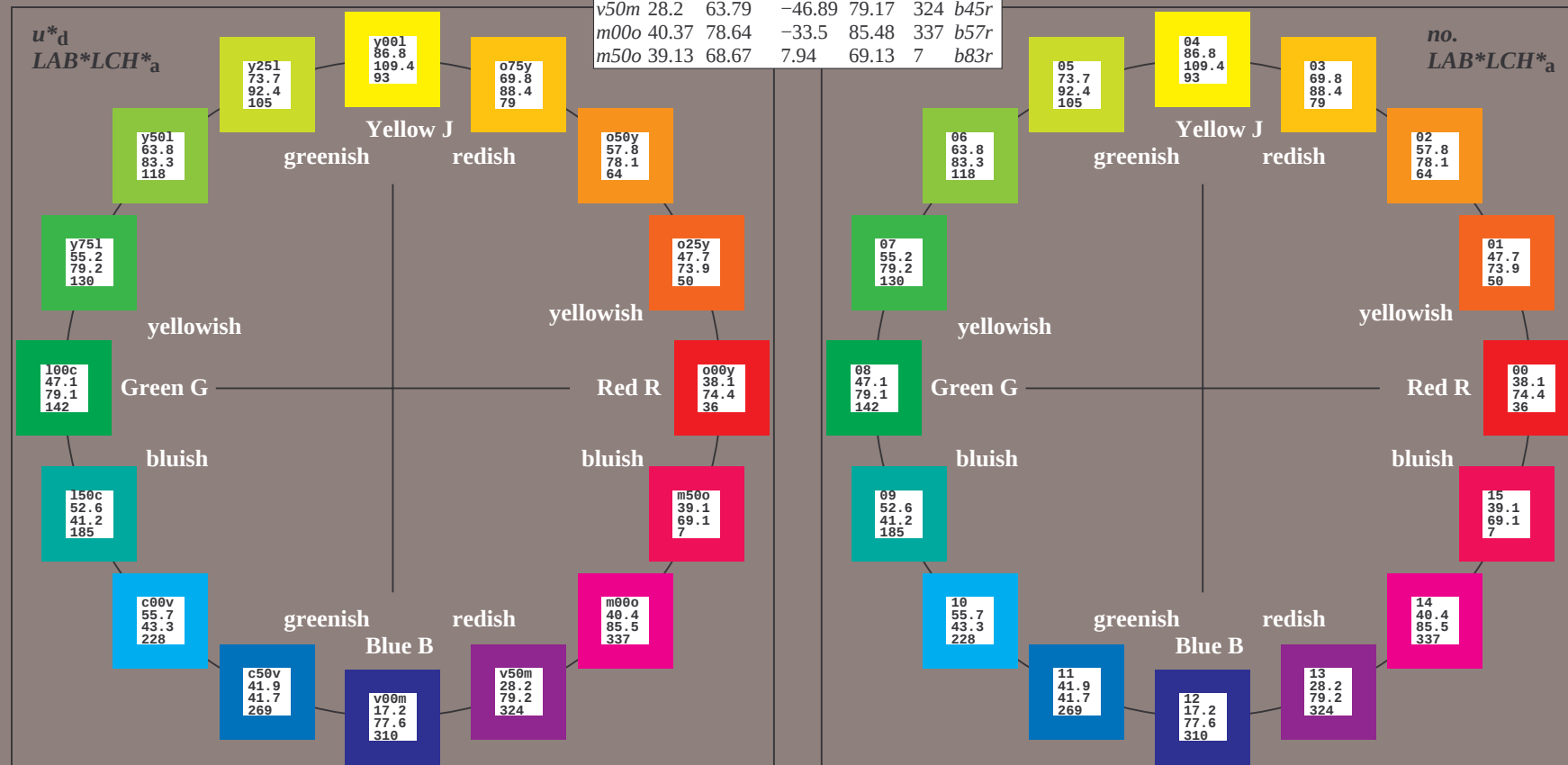
Input and output:
 Colorimetric Printer Reflective System FRS12_95a
 data for any colour:
 u^*_d and number *no.* = 00 .. 15
 device hue text:
 u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
 contrast reduction factor:
 $c_R = 1.0$

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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



%Gamut
 $u^*_{rel} = 109$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.06	60.0	44.0	74.4	36
Y _{Ma}	86.77	-5.17	109.32	109.44	93
L _{Ma}	47.13	-62.67	48.24	79.09	142
C _{Ma}	55.66	-29.14	-31.99	43.27	228
V _{Ma}	17.15	50.3	-59.04	77.57	310
M _{Ma}	40.37	78.64	-33.5	85.48	337
N _{Ma}	11.58	0.0	0.0	0.0	0
W _{Ma}	95.02	0.0	0.0	0.0	0
O _{CIE}	39.92	58.74	27.99	65.07	25
Y _{CIE}	81.26	-2.89	71.56	71.62	92
L _{CIE}	52.23	-42.42	13.6	44.55	162
V _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

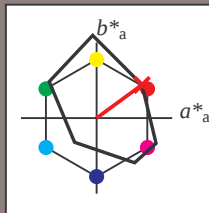
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 38 60 44

$LAB^*LCH^*_{Ma}$: 38 74 36

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	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, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

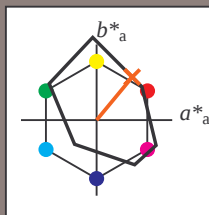
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 48 47 57

$LAB^*LCH^*_{Ma}$: 48 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$LAB^*LCH^*_a$

$i^*=1.00$

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, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

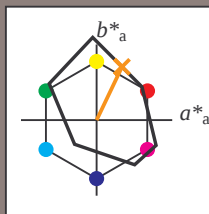
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 58 34 70

$LAB^*LCH^*_{Ma}$: 58 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

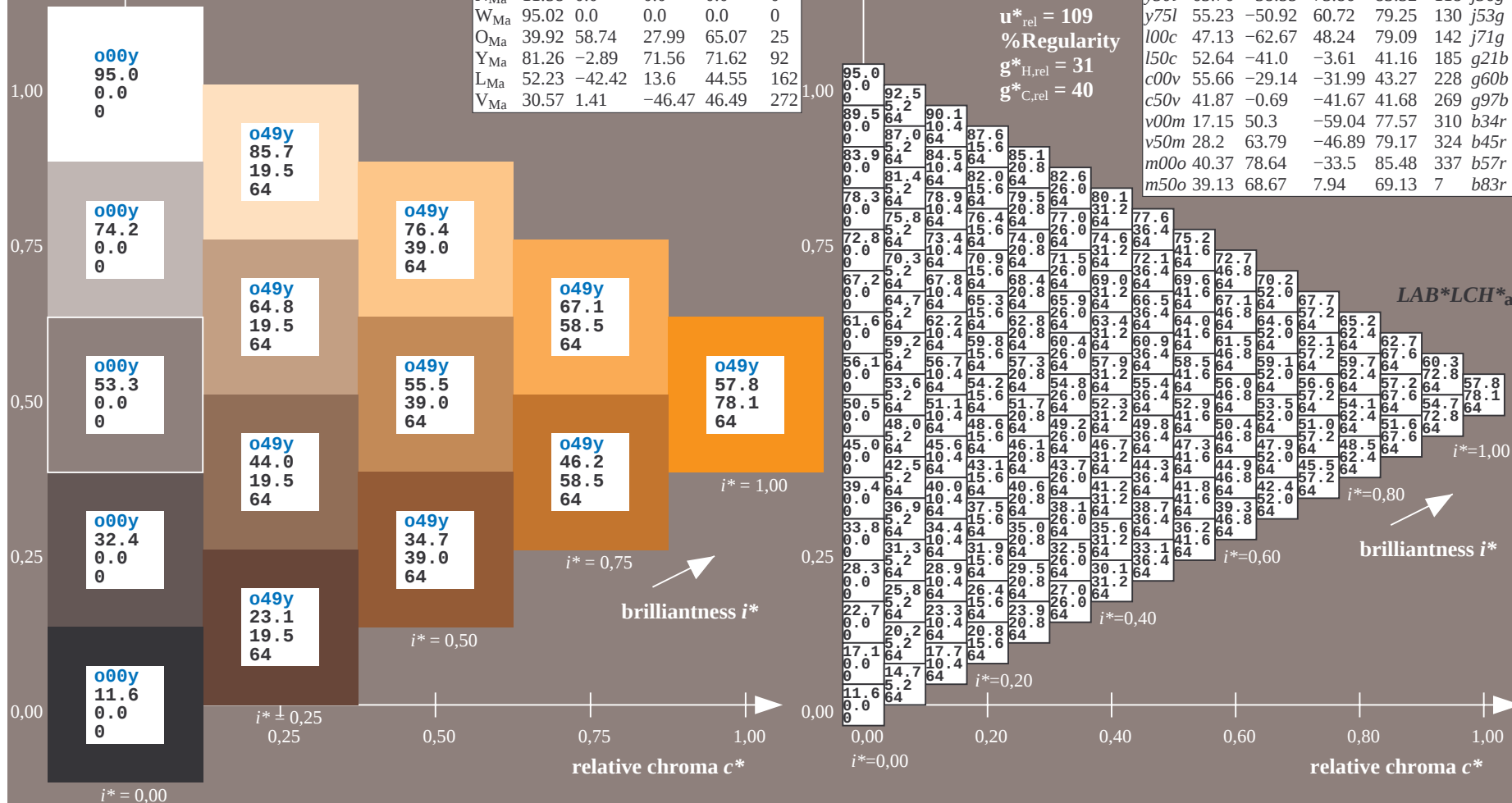
$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

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

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

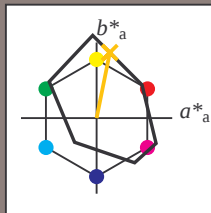
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 70 17 87

$LAB^*LCH^*_{Ma}$: 70 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$LAB^*LCH^*_a$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

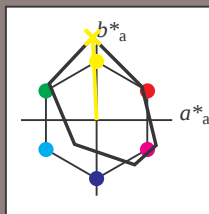
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 87 -5 109

$LAB^*LCH^*_{Ma}$: 87 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

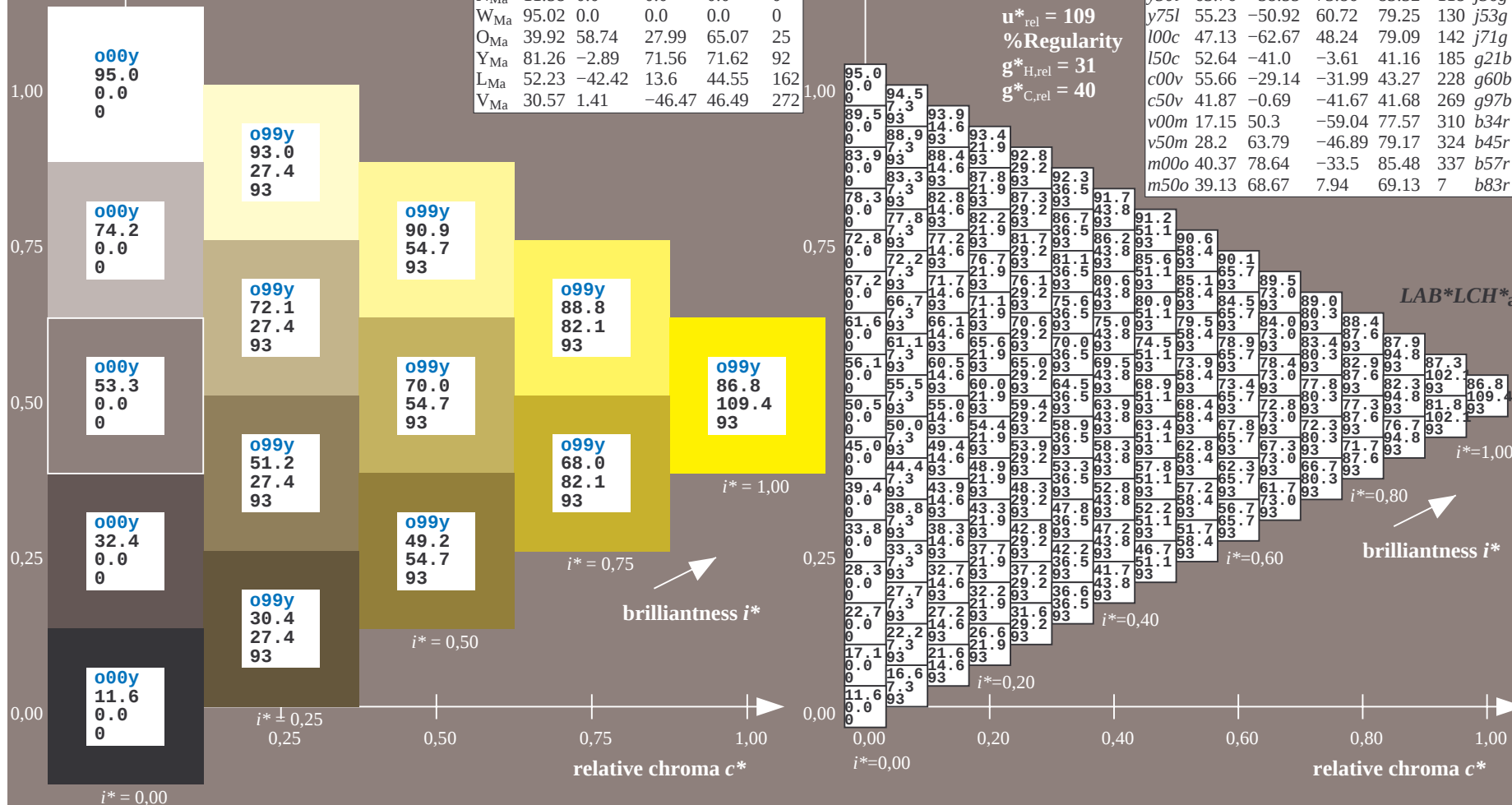
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$
 data for any colour:

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

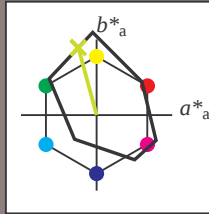
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 74 -24 89

$LAB^*LCH^*_{Ma}$: 74 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

$i^* \pm 0.25$

0.50

0.75

1.00

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

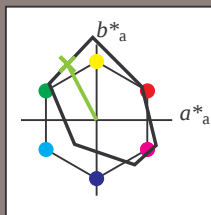
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 64 -39 74

$LAB^*LCH^*_{Ma}$: 64 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$u^*_d = y50l$
 $LAB^*LCH^*_a$

$LAB^*LCH^*_a$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

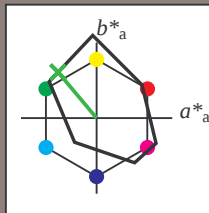
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 55 -51 61

$LAB^*LCH^*_{Ma}$: 55 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

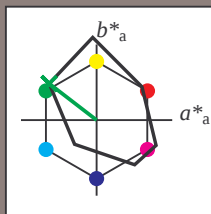
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 47 -63 48

$LAB^*LCH^*_{Ma}$: 47 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

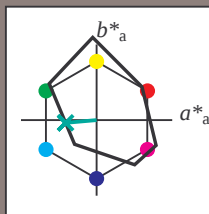
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 53 -41 -4

$LAB^*LCH^*_{Ma}$: 53 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

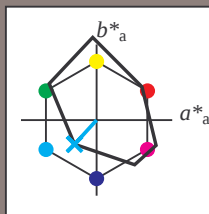
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 56 -29 -32

$LAB^*LCH^*_{Ma}$: 56 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

% Gamut

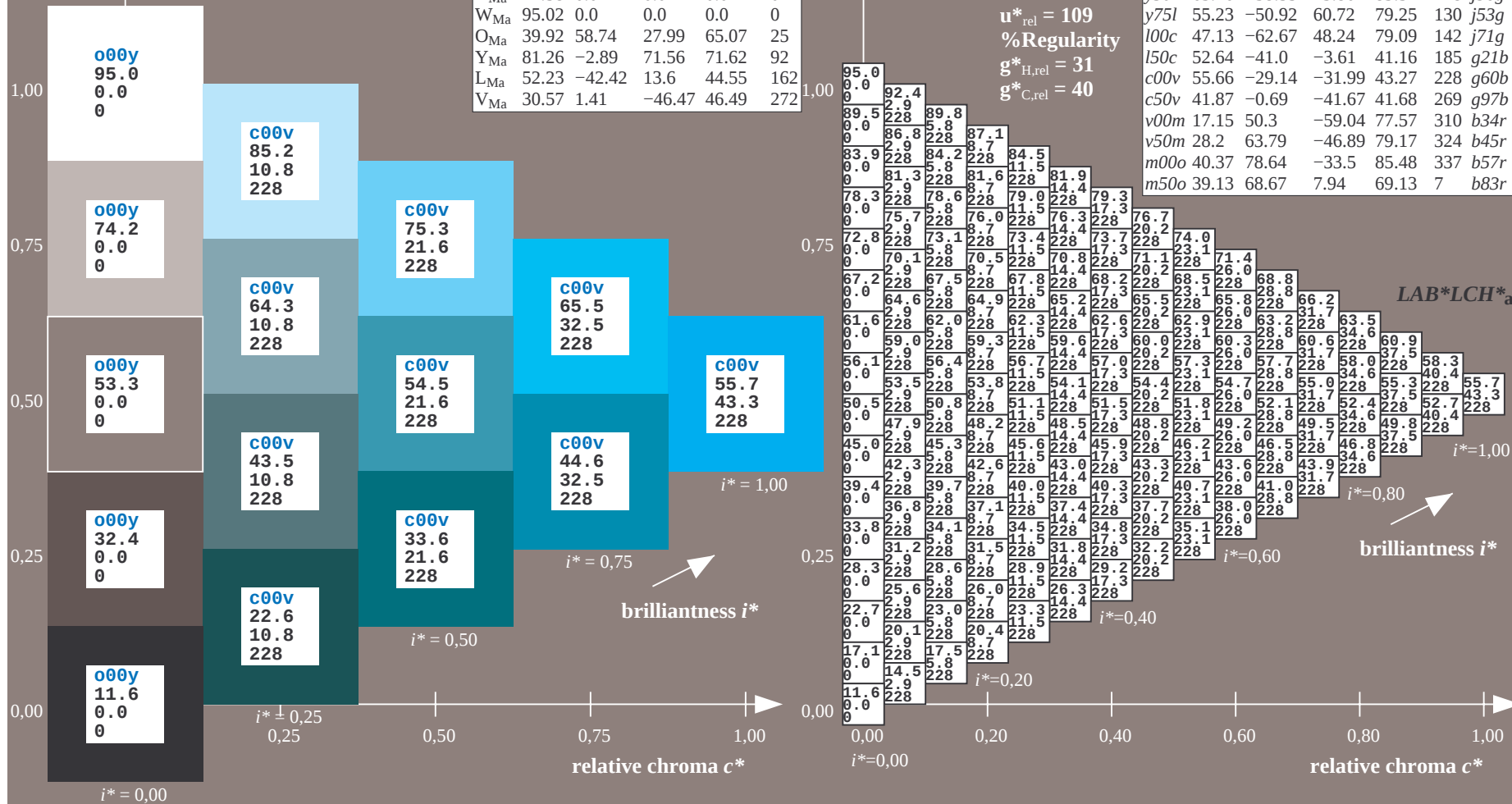
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

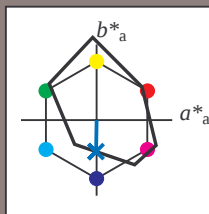
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 42 -1 -42

$LAB^*LCH^*_{Ma}$: 42 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

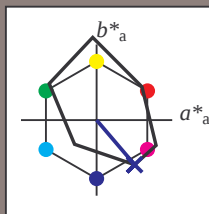
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 17 50 -59

$LAB^*LCH^*_{Ma}$: 17 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

% Gamut

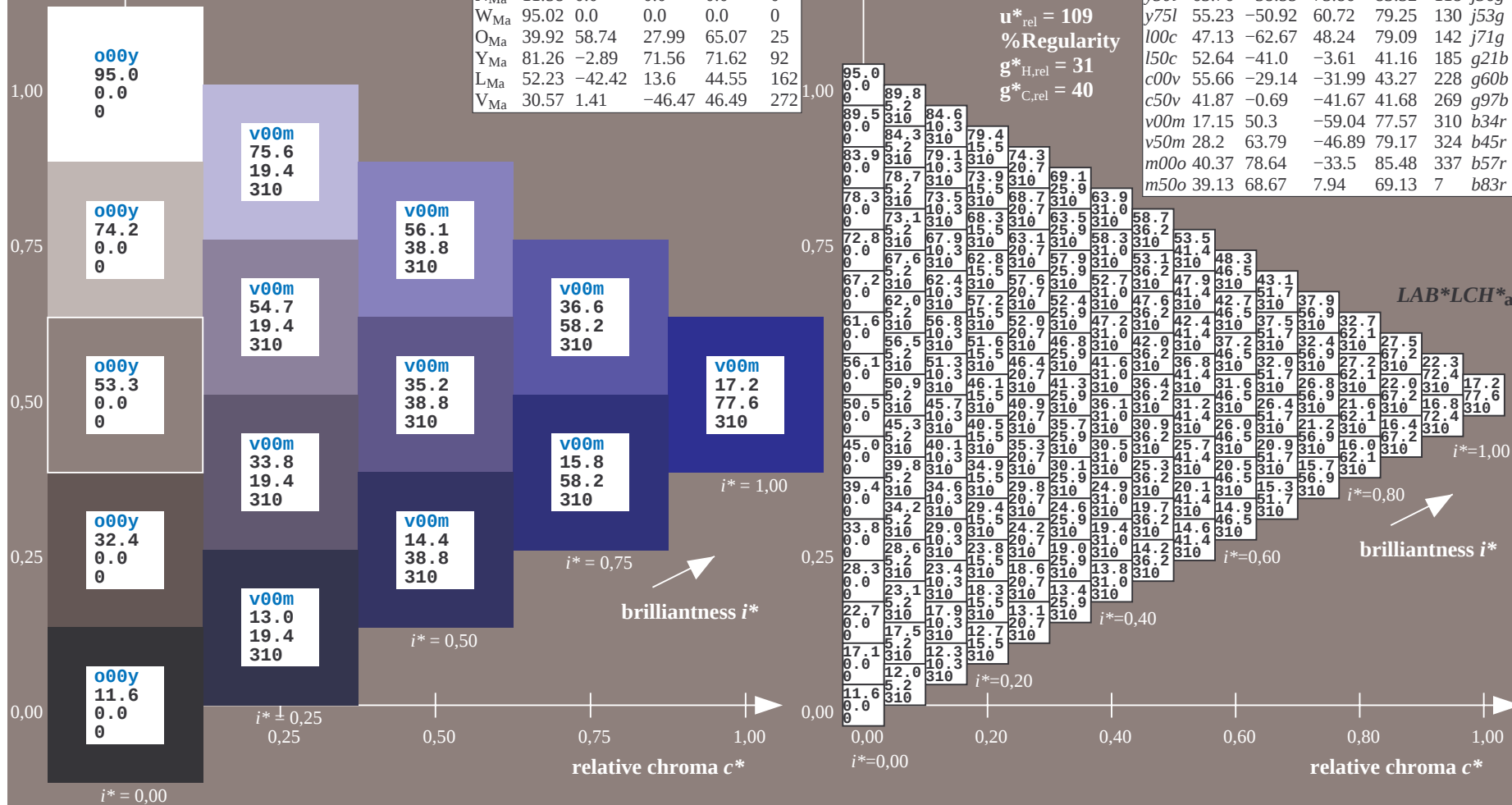
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

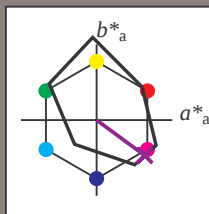
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 28 64 -47

$LAB^*LCH^*_{Ma}$: 28 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

$i^* \pm 0.25$

$i^* = 0.50$

$i^* = 0.75$

$i^* = 1.00$

brilliantness i^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

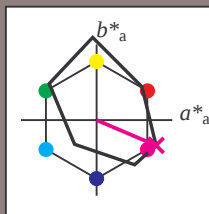
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 40 79 -34

$LAB^*LCH^*_{Ma}$: 40 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$u^*_d = m00o$

$LAB^*LCH^*_a$

$LAB^*LCH^*_a$

$i^*=1.00$

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, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

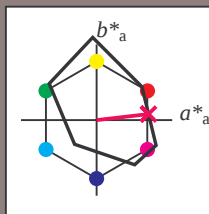
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 39 69 8

$LAB^*LCH^*_{Ma}$: 39 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

%Gamut

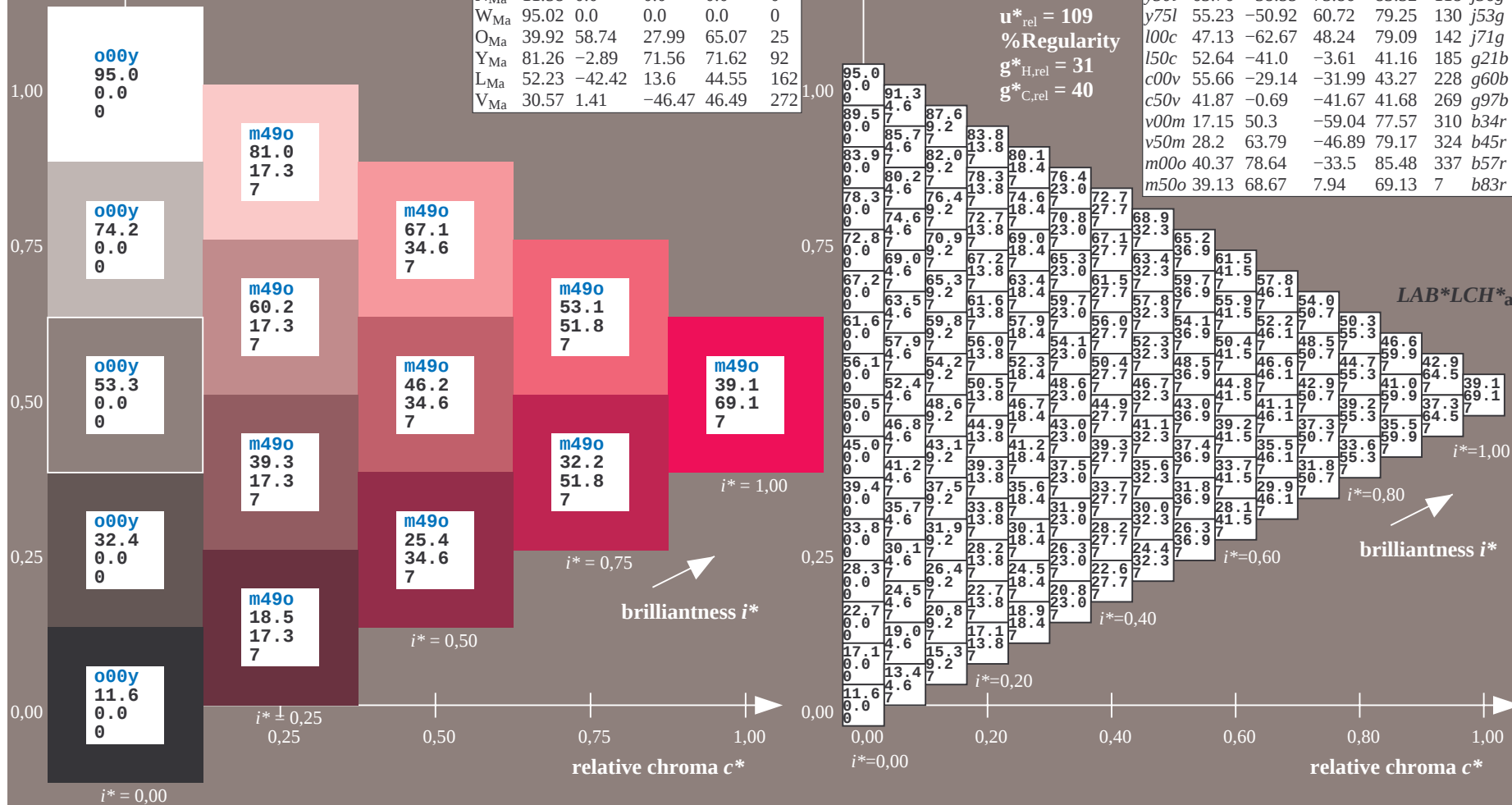
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

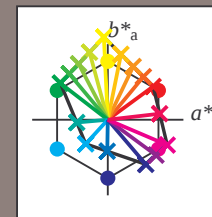
FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LCH*a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
01	11.6	16.0	20.5	24.9	29.4	33.8	38.2	42.7	47.1	51.4	55.8	60.2	64.6	68.9	73.3	77.7	82.1	86.5	90.9	95.3	99.7	104.1	108.5	112.9	117.3	121.7	126.1	130.5	134.9	139.3	143.7	148.1	152.5	156.9	161.3	165.7	170.1	174.5	178.9	183.3	187.7	192.1	196.5	200.9	205.3	209.7	214.1	218.5	222.9	227.3	231.7	236.1	240.5	244.9	249.3	253.7	258.1	262.5	266.9	271.3	275.7	280.1	284.5	288.9	293.3	297.7	302.1	306.5	310.9	315.3	319.7	324.1	328.5	332.9	337.3	341.7	346.1	350.5	354.9	359.3	363.7	368.1	372.5	376.9	381.3	385.7	390.1	394.5	398.9	403.3	407.7	412.1	416.5	420.9	425.3	429.7	434.1	438.5	442.9	447.3	451.7	456.1	460.5	464.9	469.3	473.7	478.1	482.5	486.9	491.3	495.7	500.1	504.5	508.9	513.3	517.7	522.1	526.5	530.9	535.3	539.7	544.1	548.5	552.9	557.3	561.7	566.1	570.5	574.9	579.3	583.7	588.1	592.5	596.9	601.3	605.7	610.1	614.5	618.9	623.3	627.7	632.1	636.5	640.9	645.3	649.7	654.1	658.5	662.9	667.3	671.7	676.1	680.5	684.9	689.3	693.7	698.1	702.5	706.9	711.3	715.7	720.1	724.5	728.9	733.3	737.7	742.1	746.5	750.9	755.3	759.7	764.1	768.5	772.9	777.3	781.7	786.1	790.5	794.9	799.3	803.7	808.1	812.5	816.9	821.3	825.7	830.1	834.5	838.9	843.3	847.7	852.1	856.5	860.9	865.3	869.7	874.1	878.5	882.9	887.3	891.7	896.1	900.5	904.9	909.3	913.7	918.1	922.5	926.9	931.3	935.7	940.1	944.5	948.9	953.3	957.7	962.1	966.5	970.9	975.3	979.7	984.1	988.5	992.9	997.3	1001.7	1006.1	1010.5	1014.9	1019.3	1023.7	1028.1	1032.5	1036.9	1041.3	1045.7	1050.1	1054.5	1058.9	1063.3	1067.7	1072.1	1076.5	1080.9	1085.3	1089.7	1094.1	1098.5	1102.9	1107.3	1111.7	1116.1	1120.5	1124.9	1129.3	1133.7	1138.1	1142.5	1146.9	1151.3	1155.7	1160.1	1164.5	1168.9	1173.3	1177.7	1182.1	1186.5	1190.9	1195.3	1199.7	1204.1	1208.5	1212.9	1217.3	1221.7	1226.1	1230.5	1234.9	1239.3	1243.7	1248.1	1252.5	1256.9	1261.3	1265.7	1270.1	1274.5	1278.9	1283.3	1287.7	1292.1	1296.5	1300.9	1305.3	1309.7	1314.1	1318.5	1322.9	1327.3	1331.7	1336.1	1340.5	1344.9	1349.3	1353.7	1358.1	1362.5	1366.9	1371.3	1375.7	1380.1	1384.5	1388.9	1393.3	1397.7	1402.1	1406.5	1410.9	1415.3	1419.7	1424.1	1428.5	1432.9	1437.3	1441.7	1446.1	1450.5	1454.9	1459.3	1463.7	1468.1	1472.5	1476.9	1481.3	1485.7	1490.1	1494.5	1498.9	1503.3	1507.7	1512.1	1516.5	1520.9	1525.3	1529.7	1534.1	1538.5	1542.9	1547.3	1551.7	1556.1	1560.5	1564.9	1569.3	1573.7	1578.1	1582.5	1586.9	1591.3	1595.7	1600.1	1604.5	1608.9	1613.3	1617.7	1622.1	1626.5	1630.9	1635.3	1639.7	1644.1	1648.5	1652.9	1657.3	1661.7	1666.1	1670.5	1674.9	1679.3	1683.7	1688.1	1692.5	1696.9	1701.3	1705.7	1710.1	1714.5	1718.9	1723.3	1727.7	1732.1	1736.5	1740.9	1745.3	1749.7	1754.1	1758.5	1762.9	1767.3	1771.7	1776.1	1780.5	1784.9	1789.3	1793.7	1798.1	1802.5	1806.9	1811.3	1815.7	1820.1	1824.5	1828.9	1833.3	1837.7	1842.1	1846.5	1850.9	1855.3	1859.7	1864.1	1868.5	1872.9	1877.3	1881.7	1886.1	1890.5	1894.9	1899.3	1903.7	1908.1	1912.5	1916.9	1921.3	1925.7	1930.1	1934.5	1938.9	1943.3	1947.7	1952.1	1956.5	1960.9	1965.3	1969.7	1974.1	1978.5	1982.9	1987.3	1991.7	1996.1	2000.5	2004.9	2009.3	2013.7	2018.1	2022.5	2026.9	2031.3	2035.7	2040.1	2044.5	2048.9	2053.3	2057.7	2062.1	2066.5	2070.9	2075.3	2079.7	2084.1	2088.5	2092.9	2097.3	2101.7	2106.1	2110.5	2114.9	2119.3	2123.7	2128.1	2132.5	2136.9	2141.3	2145.7	2150.1	2154.5	2158.9	2163.3	2167.7	2172.1	2176.5	2180.9	2185.3	2189.7	2194.1	2198.5	2202.9	2207.3	2211.7	2216.1	2220.5	2224.9	2229.3	2233.7	2238.1	2242.5	2246.9	2251.3	2255.7	2260.1	2264.5	2268.9	2273.3	2277.7	2282.1	2286.5	2290.9	2295.3	2299.7	2304.1	2308.5	2312.9	2317.3	2321.7	2326.1	2330.5	2334.9	2339.3	2343.7	2348.1	2352.5	2356.9	2361.3	2365.7	2370.1	2374.5	2378.9	2383.3	2387.7	2392.1	2396.5	2400.9	2405.3	2409.7	2414.1	2418.5	2422.9	2427.3	2431.7	2436.1	2440.5	2444.9	2449.3	2453.7	2458.1	2462.5	2466.9	2471.3	2475.7	2480.1	2484.5	2488.9	2493.3	2497.7	2502.1	2506.5	2510.9	2515.3	2519.7	2524.1	2528.5	2532.9	2537.3	2541.7	2546.1	2550.5	2554.9	2559.3	2563.7	2568.1	2572.5	2576.9	2581.3	2585.7	2590.1	2594.5	2598.9	2603.3	2607.7	2612.1	2616.5	2620.9	2625.3	2629.7	2634.1	2638.5	2642.9	2647.3	2651.7	2656.1	2660.5	2664.9	2669.3	2673.7	2678.1	2682.5	2686.9	2691.3	2695.7	2700.1	2704.5	2708.9	2713.3	2717.7	2722.1	2726.5	2730.9	2735.3	2739.7	2744.1	2748.5	2752.9	2757.3	2761.7	2766.1	2770.5	2774.9	2779.3	2783.7	2788.1	2792.5	2796.9	2801.3	2805.7	2810.1	2814.5	2818.9	2823.3	2827.7	2832.1	2836.5	2840.9	2845.3	2849.7	2854.1	2858.5	2862.9	2867.3	2871.7	2876.1	2880.5	2884.9	2889.3	2893.7	2898.1	2902.5	2906.9	2911.3	2915.7	2920.1	2924.5	2928.9	2933.3	2937.7	2942.1	2946.5	2950.9	2955.3	2959.7	2964.1	2968.5	2972.9	2977.3	2981.7	2986.1	2990.5	2994.9	2999.3	3003.7	3008.1	3012.5	3016.9	3021.3	3025.7	3030.1	3034.5	3038.9	3043.3	3047.7	3052.1	3056.5	3060.9	3065.3	3069.7	3074.1	3078.5	3082.9	3087.3	3091.7	3096.1	3100.5	3104.9	3109.3	3113.7	3118.1	3122.5	3126.9	3131.3	3135.7	3140.1	3144.5	3148.9	3153.3	3157.7	3162.1	3166.5	3170.9	3175.3	3179.7	3184.1	3188.5	3192.9	3197.3	3201.7	3206.1	3210.5	3214.9	3219.3	3223.7	3228.1	3232.5	3236.9	3241.3	3245.7	3250.1	3254.5	3258.9	3263.3	3267.7	3272.1	3276.5	3280.9	3285.3	3289.7	3294.1	3298.5	3302.9	3307.3	3311.7	3316.1	3320.5	3324.9	3329.3	3333.7	3338.1	3342.5	3346.9	3351.3	3355.7	3360.1	3364.5	3368.9	3373.3	3377.7	3382.1	3386.5	3390.9	3395.3	3399.7	3404.1	3408.5	3412.9	3417.3	3421.7	3426.1	3430.5	3434.9	3439.3	3443.7	3448.1	3452.5	3456.9	3461.3	3465.7	3470.1	3474.5	3478.9	3483.3	3487.7	3492.1	3496.5	3500.9	3505.3	3509.7	3514.1	3518.5	3522.9	3527.3	3531.7	3536.1	3540.5	3544.9	3549.3	3553.7	3558.1	3562.5	3566.9	3571.3	3575.7	3580.1	3584.5	3588.9	3593.3	3597.7	3602.1	3606.5	3610.9	3615.3	3619.7	3624.1	3628.5	3632.9	3637.3	3641.7	3646.1	3650.5	3654.9	3659.3	3663.7	3668.1	3672.5	3676.9	3681.3	3685.7	3690.1	3694.5	3698.9	3703.3	3707.7	3712.1	3716.5	3720.9	3725.3	3729.7	3734.1	3738.5	3742.9	3747.3	3751.7	3756.1	3760.5	3764.9	3769.3	3773.7	3778.1	3782.5	3786.9	3791.3	3795.7	3800.1	3804.5	3808.9	3813.3	3817.7	3822.1	3826.5	3830.9	3835.3	3839.7	3844.1	3848.5	3852.9	3857.3	3861.7	3866.1	3870.5	3874.9	3879.3	3883.7	3888.1	3892.5	3896.9	3901.3	3905.7	3910.1	3914.5	3918.9	3923.3	3927.7	3932.1	3936.5	3940.9	3945.3	3949.7	3954.1	3958.5	3962.9	3967.3	3971.7	3976.1	3980.5	3984.9	3989.3	3993.7	3998.1	4002.5	4006.9	4011.3	4015.7	4020.1	4024.5	4028.9	4033.3	4037.7	4042.1	4046.5	4050.9	4055.3	4059.7	4064.1	4068.5	4072.9	4077.3	4081.7	4086.1	4090.5	4094.9	4099.3	4103.7	4108.1	4112.5	4116.9	4121.3	4125.7	4130.1	4134.5	4138.9	4143.3	4147.7	4152.1	4156.5	4160.9	4165.3	4169.7	4174.1	4178.5	4182.9	4187.3	4191.7	4196.1	4200.5	4204.9	4209.3	4213.7	4218.1	4222.5	4226.9	4231.3	4235.7	4240.1	4244.5	4248.9	4253.3	4257.7	4262.1	4266.5	4270.9	4275.3	4279.7	4284.1	4288.5	4292.9	4297.3	4301.7	4306.1	4310.5	4314.9	4319.3	4323.7	4328.1	4332.5	4336.9	4341.3	4345.7	4350.1	4354.5	4358.9	4363.3	4367.7	4372.1	4376.5	4380.9	4385.3	4389.7	4394.1	4398.5	4402.9	4407.3	4411.7	4416.1	4420.5	4424.9	4429.3	4433.7	4438.1	4442.5	4446.9	4451.3	4455.7	4460.1	4464.5	4468.9	4473.3	4477.7	4482.1	4486.5	4490.9	4495.3	4499.7	4504.1	4508.5	4512.9	4517.3	4521.7	4526.1	4530.5	4534.9	4539.3	4543.7	4548.1	4552.5	4556.9	4561.3	4565.7	4570.1	4574.5	4578.9	4583.3	4587.7	4592.1	4596.5	4600.9	4605.3	4609.7	4614.1	4618.5	4622.9	4627.3	4631.7	4636.1	4640.5	4644.9	4649.3	4653.7	4658.1	4662.5	4666.9	4671.3	4675.7	4680.1	4684.5	4688.9	4693.3	4697.7	4702.1	4706.5	4710.9	4715.3	4719.7	4724.1	4728.5	4732.9	4737.3	4741.7	4746.1	4750.5	4754.9	4759.3	4763.7	4768.1	4772.5	4776.9	4781.3	4785.7	4790.1	4794.5	4798.9	4803.3	4807.7	4812.1	4816.5	4820.9	4825.3	4829.7	4834.1	4838.5	4842.9	4847.3	4851.7	4856.1	4860.5	4864.9	4869.3	4873.7	4878.1	4882.5	4886.9	4891.3	4895.7	4900.1	4904.5	4908.9	4913.3	4917.7	4922.1	4926.5	4930.9	4935.3	4939.7	4944.1	4948.5	4952.9	4957.3	4961.7

Input and output:
 Colorimetric Printer Reflective System FRS12_95a
 data for any colour:
 u^*_d and number *no.* = 00 .. 15
 device hue text:
 u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
 contrast reduction factor:
 $c_R = 1.0$

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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



%Gamut

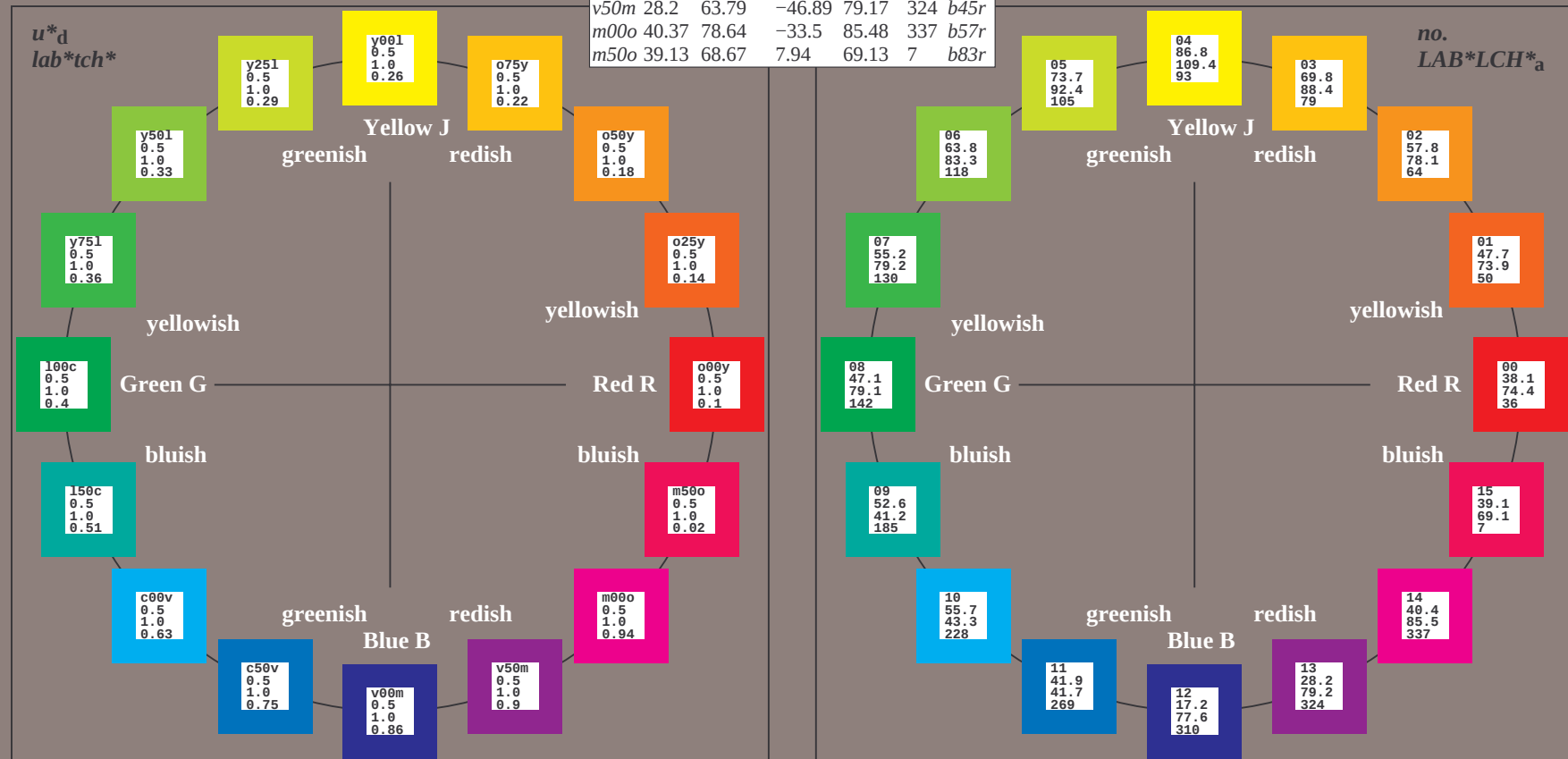
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.06	60.0	44.0	74.4	36
Y _{Ma}	86.77	-5.17	109.32	109.44	93
L _{Ma}	47.13	-62.67	48.24	79.09	142
C _{Ma}	55.66	-29.14	-31.99	43.27	228
V _{Ma}	17.15	50.3	-59.04	77.57	310
M _{Ma}	40.37	78.64	-33.5	85.48	337
N _{Ma}	11.58	0.0	0.0	0.0	0
W _{Ma}	95.02	0.0	0.0	0.0	0
O _{CIE}	39.92	58.74	27.99	65.07	25
Y _{CIE}	81.26	-2.89	71.56	71.62	92
L _{CIE}	52.23	-42.42	13.6	44.55	162
V _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

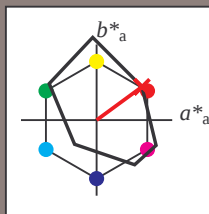
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 38 60 44

$LAB^*LCH^*_{Ma}$: 38 74 36

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

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

triangle lightness t^*

% Gamut

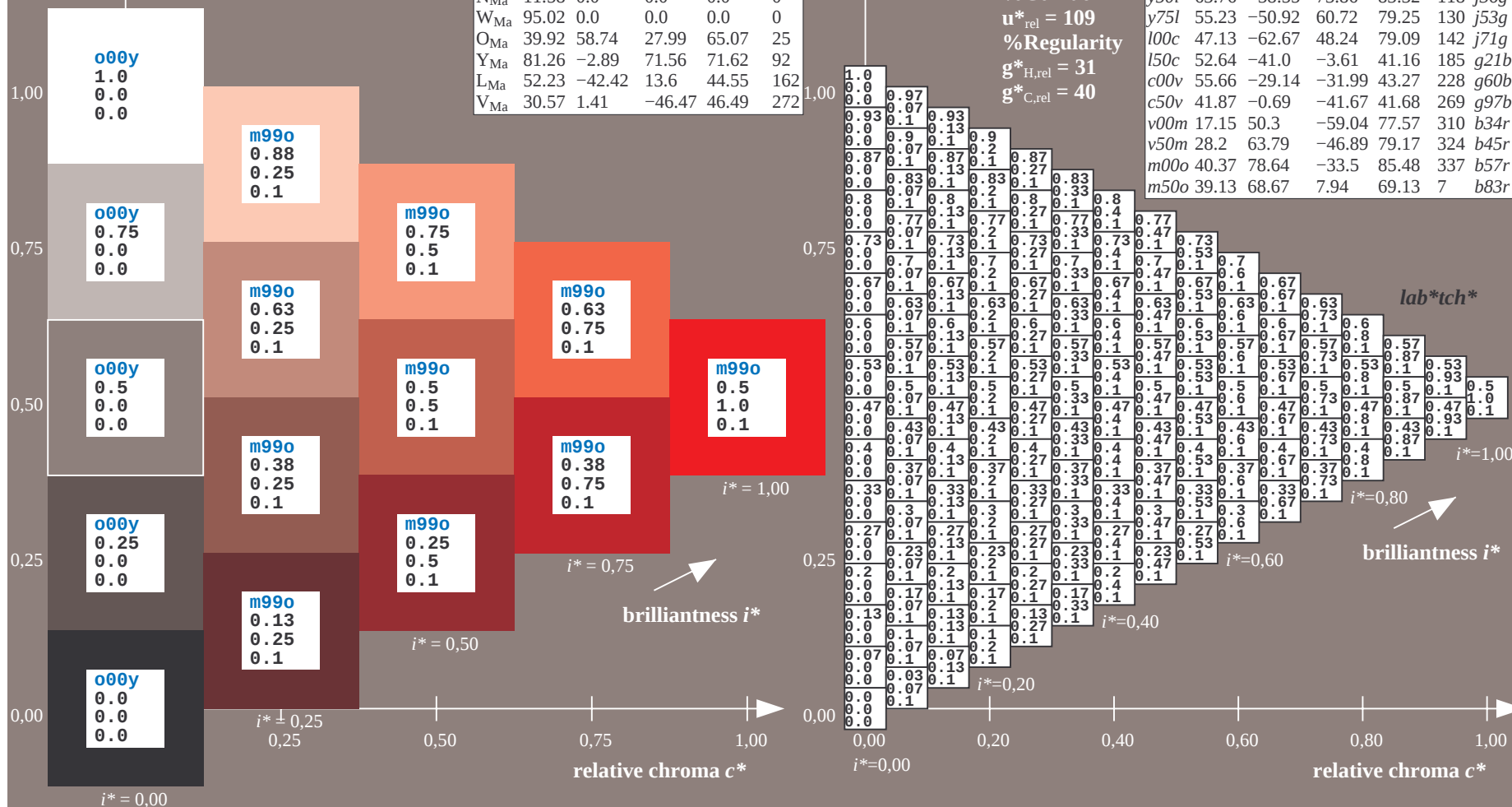
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

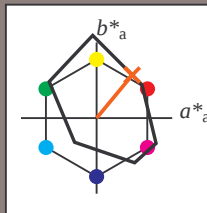
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 48 47 57

$LAB^*LCH^*_{Ma}$: 48 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

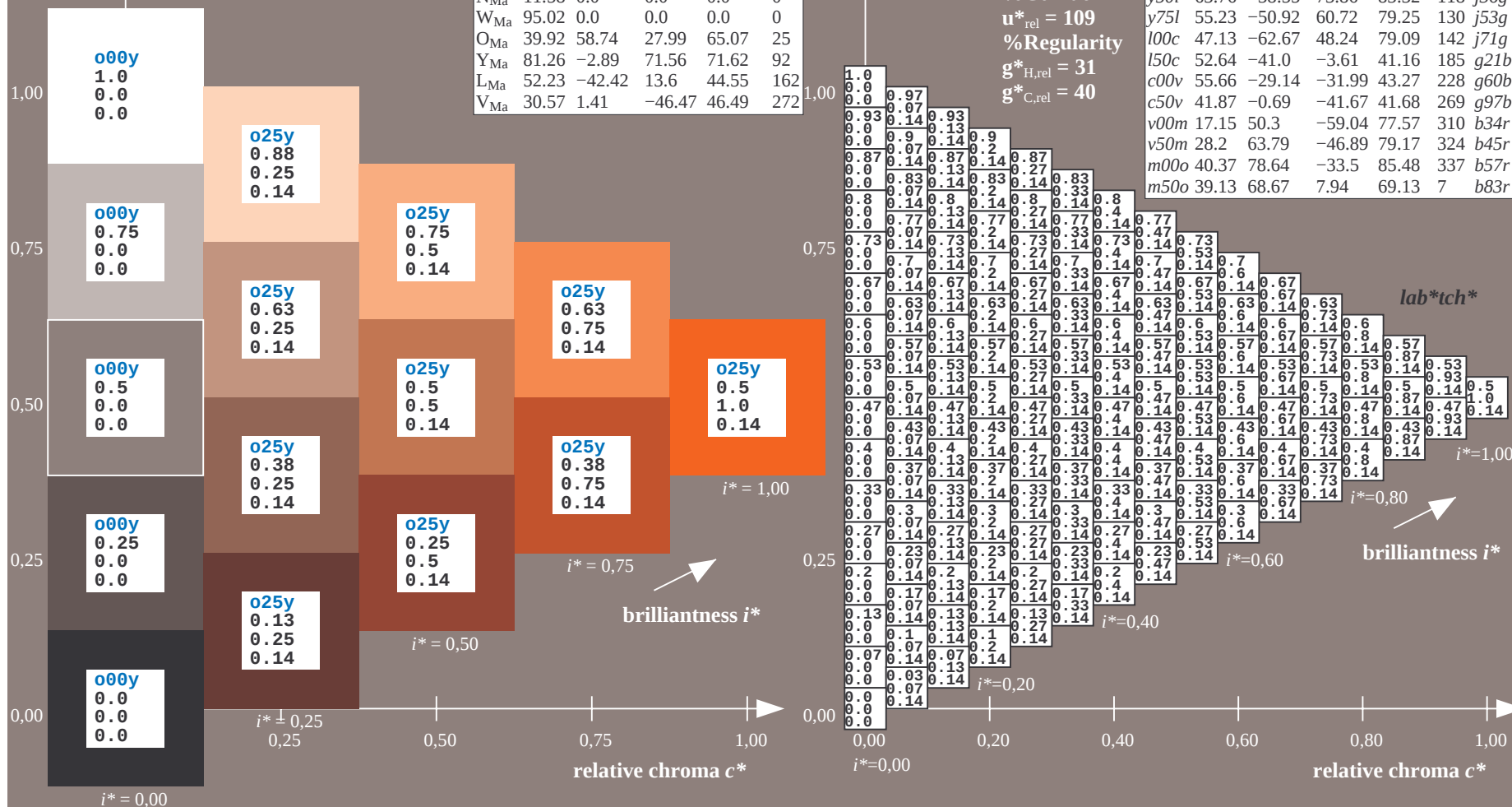
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

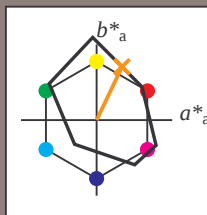
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 58 34 70

$LAB^*LCH^*_{Ma}$: 58 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

% Gamut

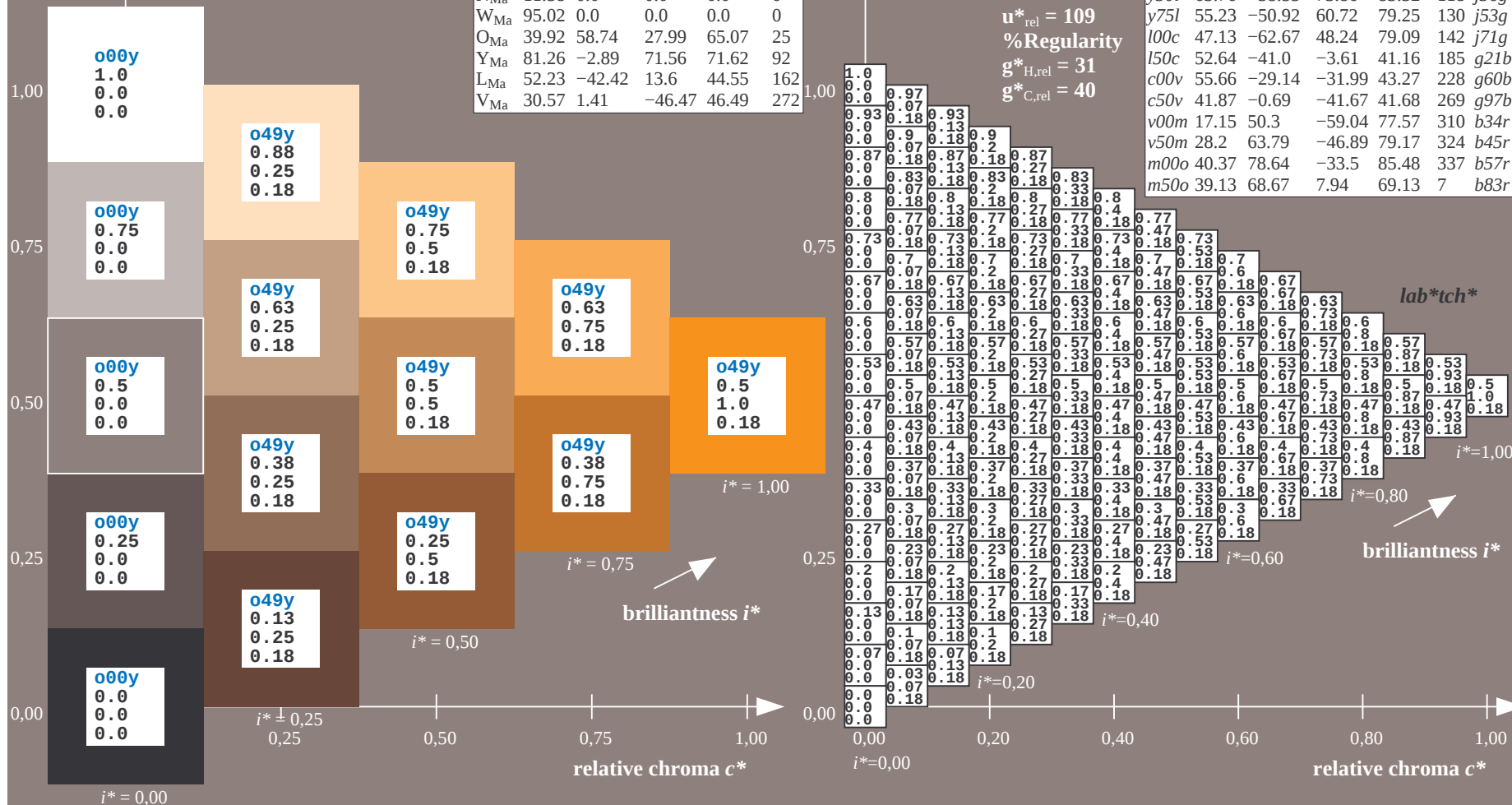
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

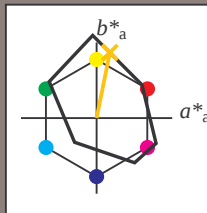
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 70 17 87

$LAB^*LCH^*_{Ma}$: 70 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

% Gamut

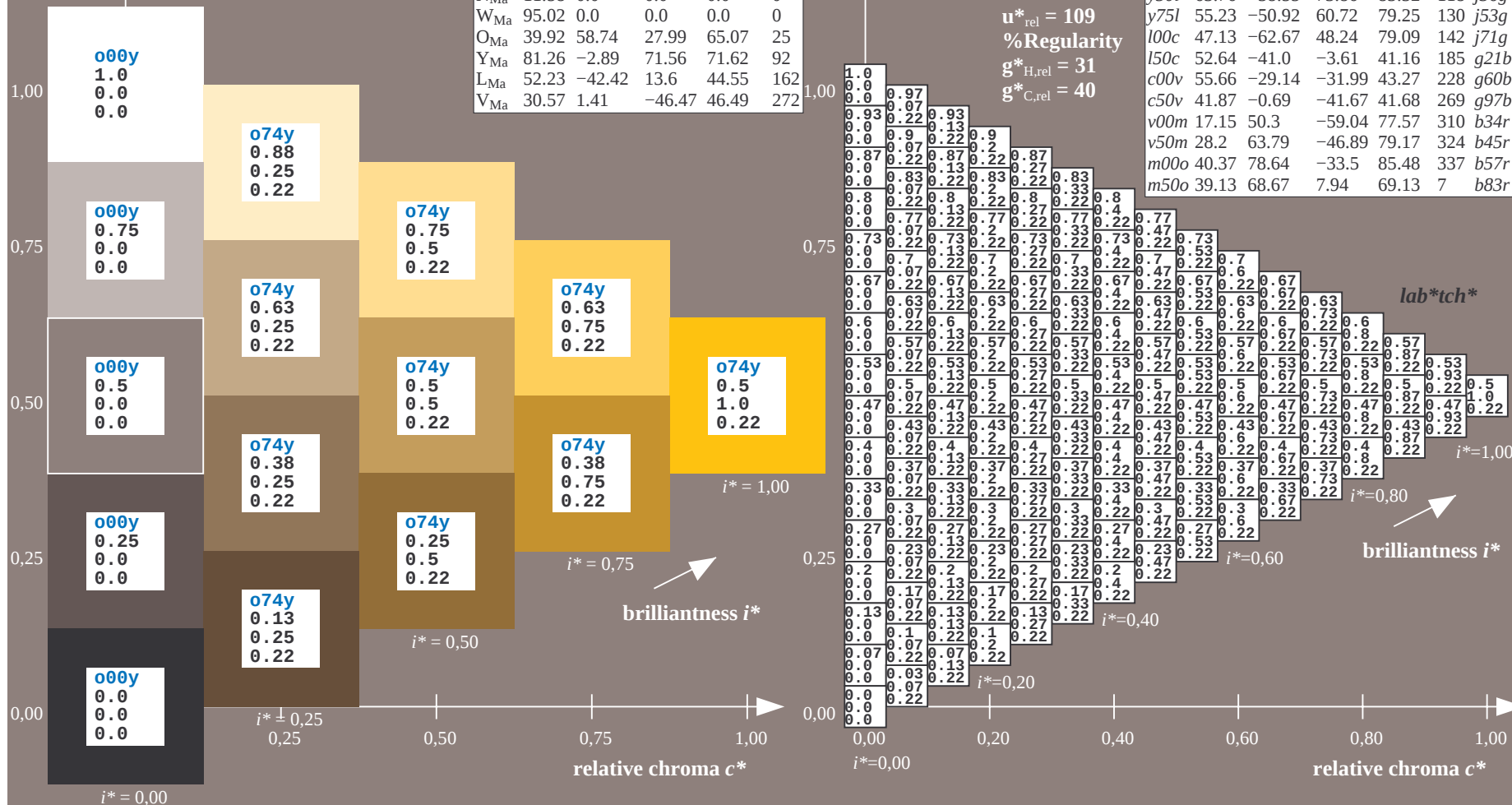
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

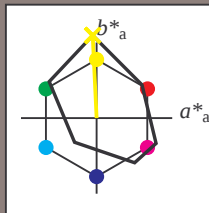
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 87 -5 109

$LAB^*LCH^*_{Ma}$: 87 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

% Gamut

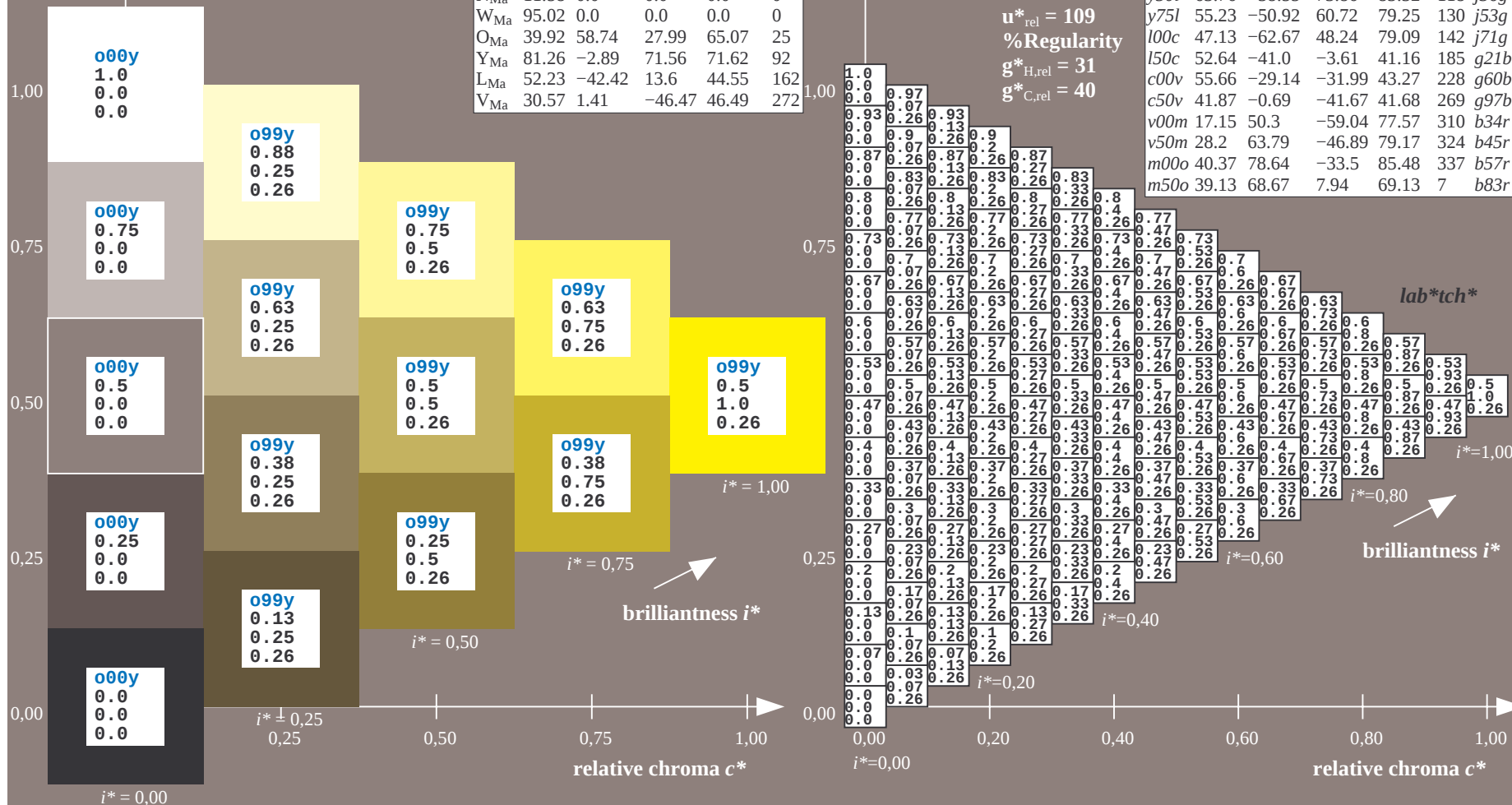
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

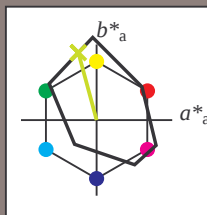
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 74 -24 89

$LAB^*LCH^*_{Ma}$: 74 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

% Gamut

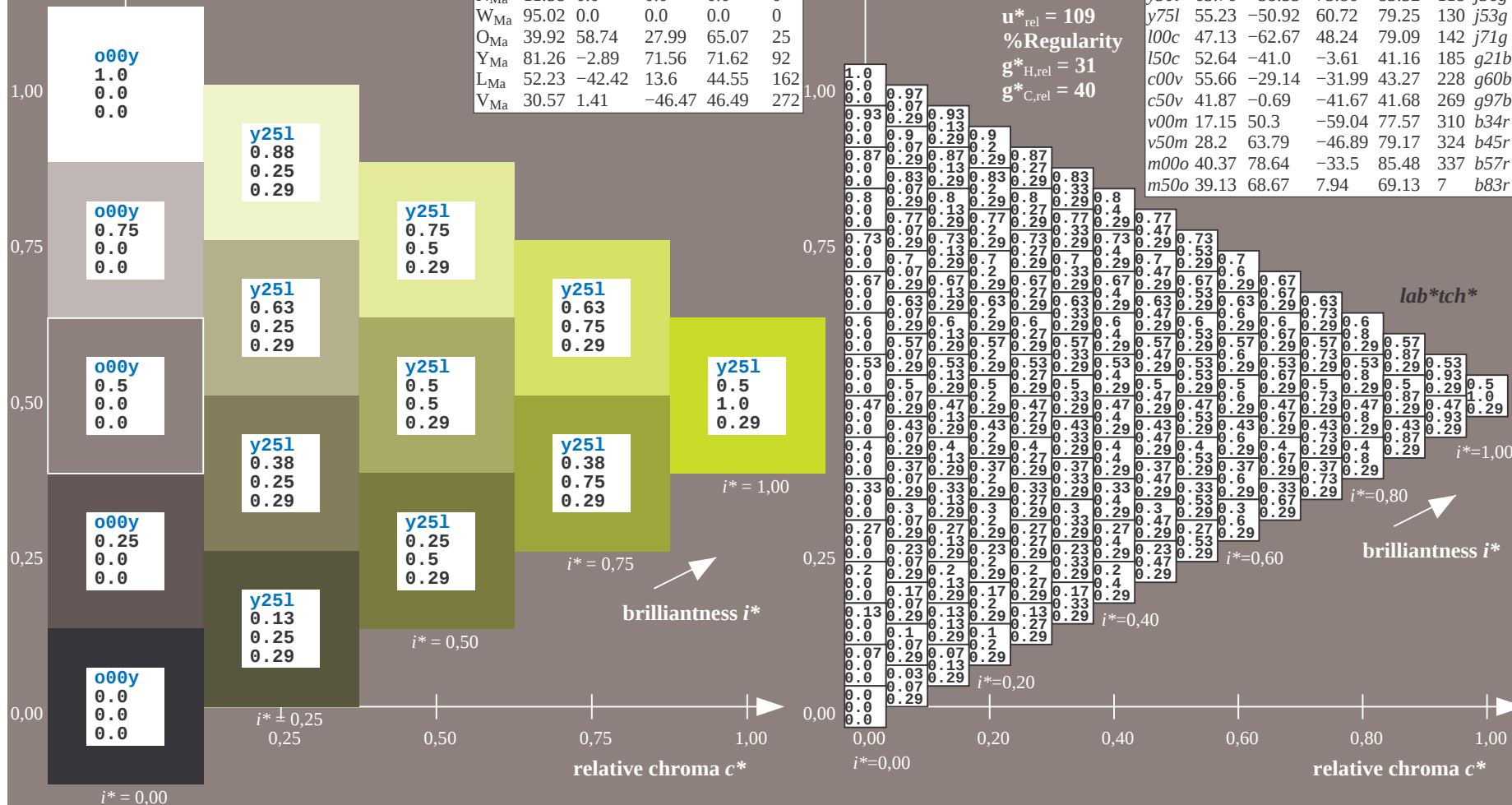
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

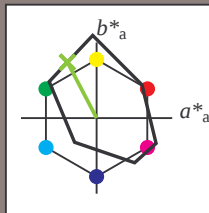
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 64 -39 74

$LAB^*LCH^*_{Ma}$: 64 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

% Gamut

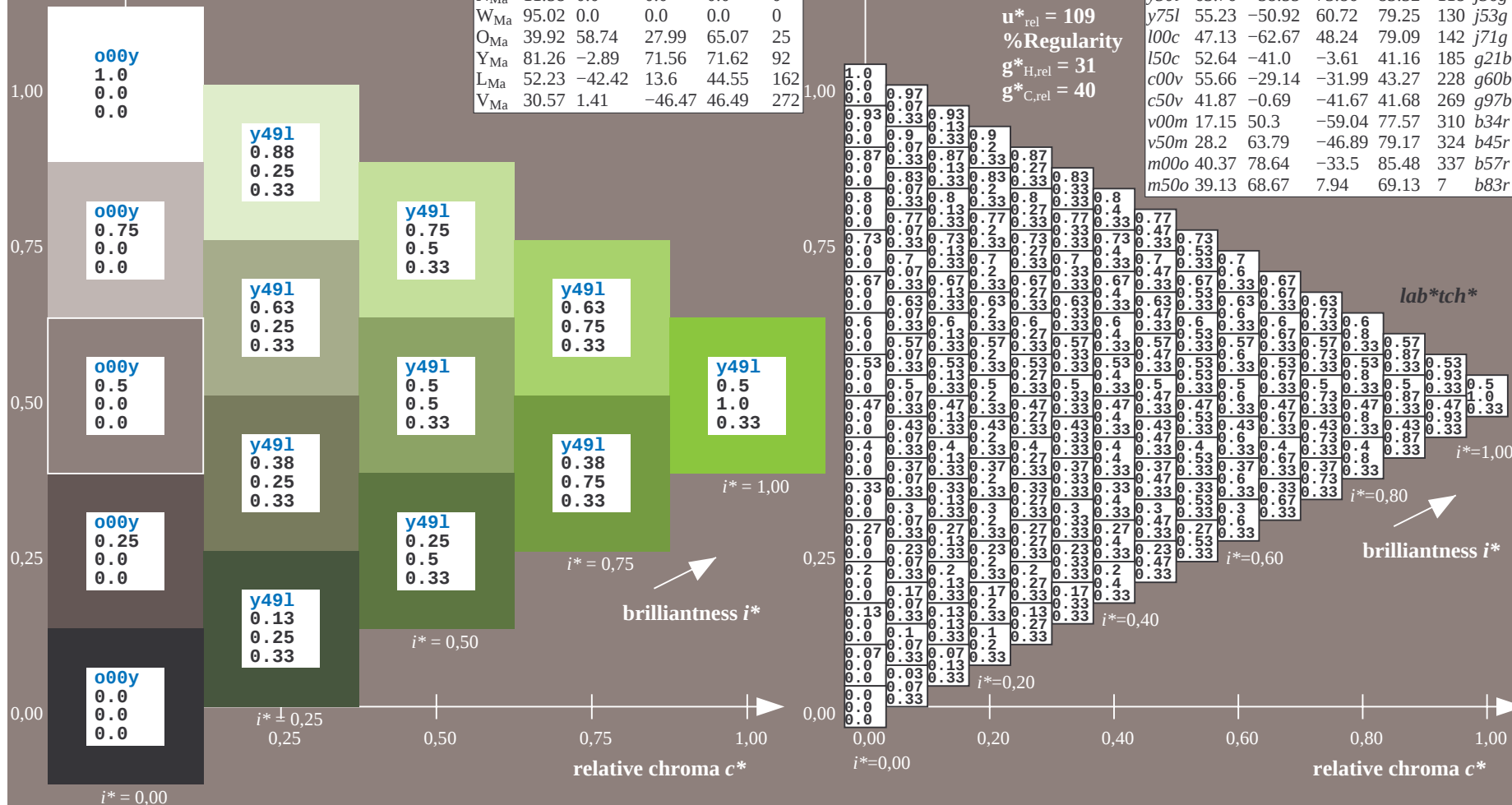
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	38.06	60.0	44.0	74.4	36	r16j		
o25y	47.68	47.13	56.9	73.88	50	r37j		
o50y	57.77	33.62	70.44	78.05	64	r58j		
o75y	69.84	17.48	86.62	88.37	79	r79j		
y00l	86.77	-5.17	109.32	109.44	93	j01g		
y25l	73.71	-24.12	89.19	92.39	105	j18g		
y50l	63.76	-38.55	73.86	83.32	118	j36g		
y75l	55.23	-50.92	60.72	79.25	130	j53g		
l00c	47.13	-62.67	48.24	79.09	142	j71g		
l50c	52.64	-41.0	-3.61	41.16	185	g21b		
c00v	55.66	-29.14	-31.99	43.27	228	g60b		
c50v	41.87	-0.69	-41.67	41.68	269	g97b		
v00m	17.15	50.3	-59.04	77.57	310	b34r		
v50m	28.2	63.79	-46.89	79.17	324	b45r		
m00o	40.37	78.64	-33.5	85.48	337	b57r		
m50o	39.13	68.67	7.94	69.13	7	b83r		



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

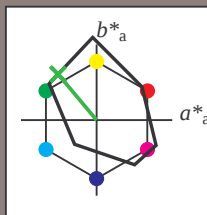
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 55 -51 61

$LAB^*LCH^*_{Ma}$: 55 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

% Gamut

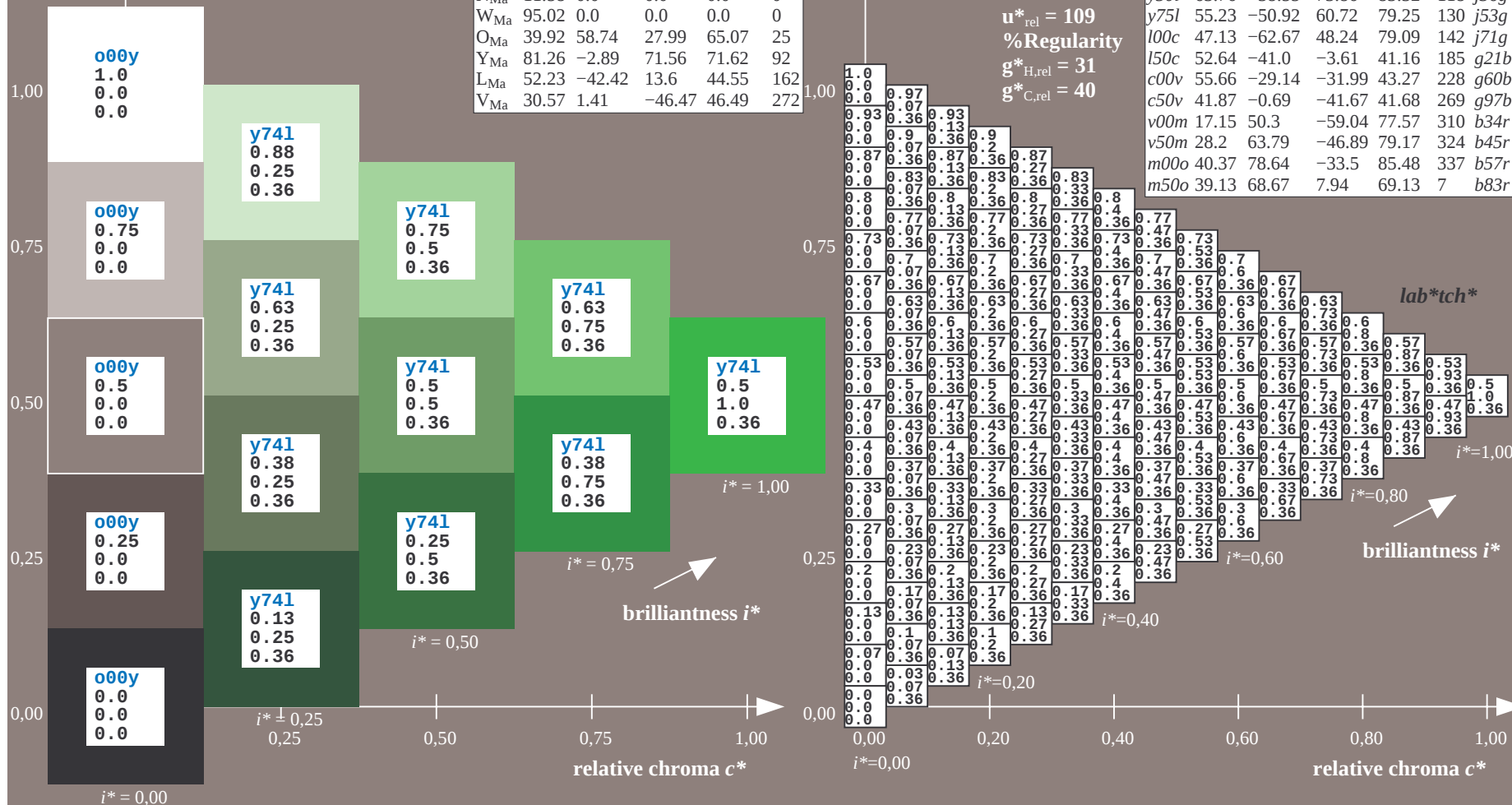
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

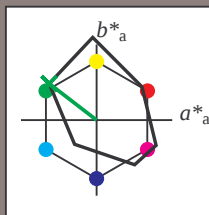
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 47 -63 48

$LAB^*LCH^*_{Ma}$: 47 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

% Gamut

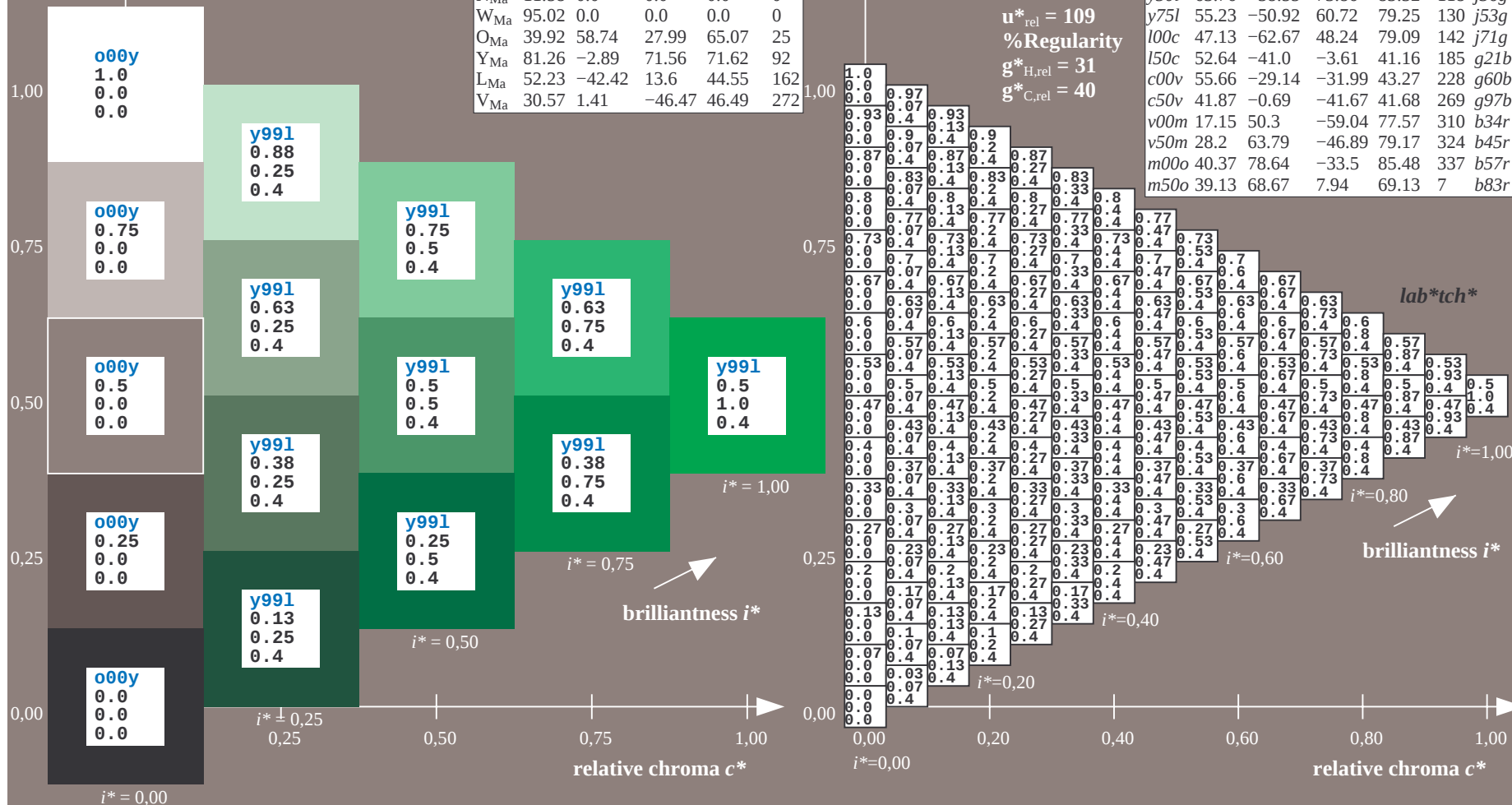
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

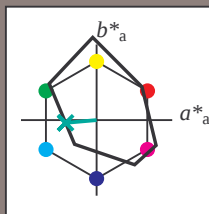
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 53 -41 -4

$LAB^*LCH^*_{Ma}$: 53 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

% Gamut

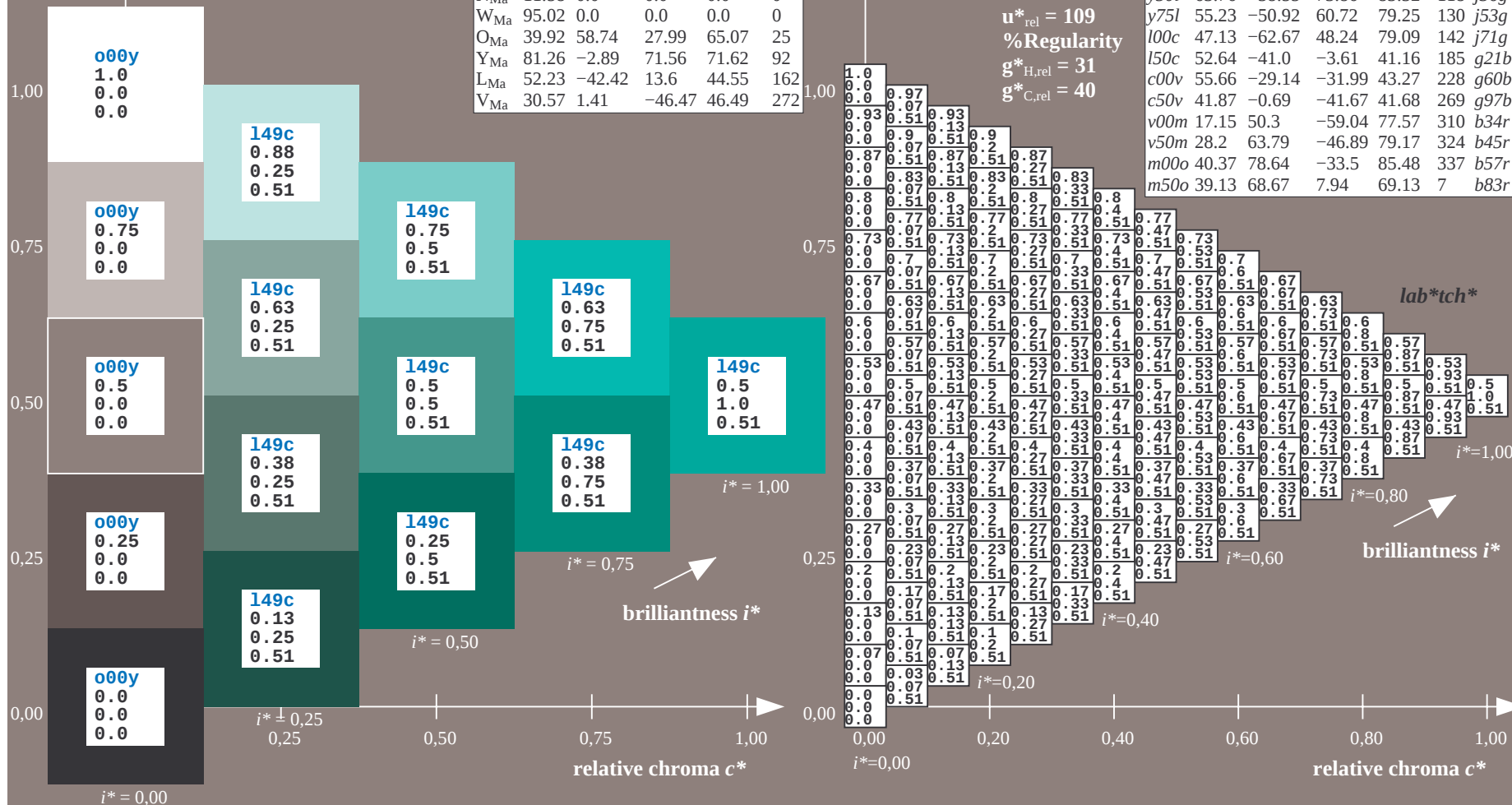
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36		r16j
o25y	47.68	47.13	56.9	73.88	50		r37j
o50y	57.77	33.62	70.44	78.05	64		r58j
o75y	69.84	17.48	86.62	88.37	79		r79j
y00l	86.77	-5.17	109.32	109.44	93		j01g
y25l	73.71	-24.12	89.19	92.39	105		j18g
y50l	63.76	-38.55	73.86	83.32	118		j36g
y75l	55.23	-50.92	60.72	79.25	130		j53g
l00c	47.13	-62.67	48.24	79.09	142		j71g
l50c	52.64	-41.0	-3.61	41.16	185		g21b
c00v	55.66	-29.14	-31.99	43.27	228		g60b
c50v	41.87	-0.69	-41.67	41.68	269		g97b
v00m	17.15	50.3	-59.04	77.57	310		b34r
v50m	28.2	63.79	-46.89	79.17	324		b45r
m00o	40.37	78.64	-33.5	85.48	337		b57r
m50o	39.13	68.67	7.94	69.13	7		b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

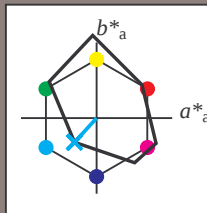
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 56 -29 -32

$LAB^*LCH^*_{Ma}$: 56 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

% Gamut

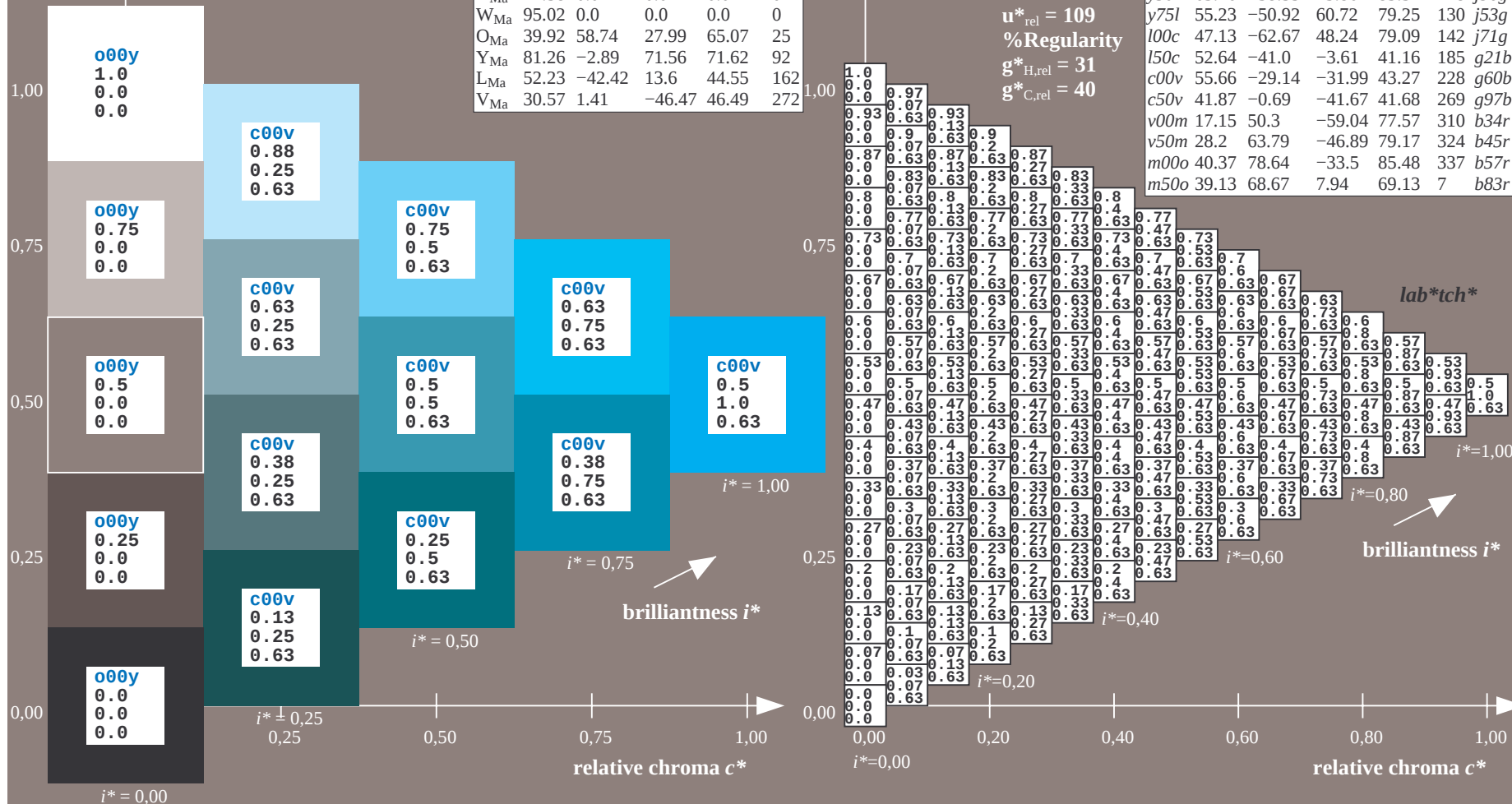
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

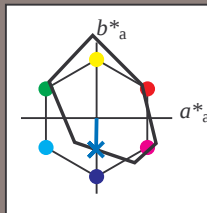
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 42 -1 -42

$LAB^*LCH^*_{Ma}$: 42 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

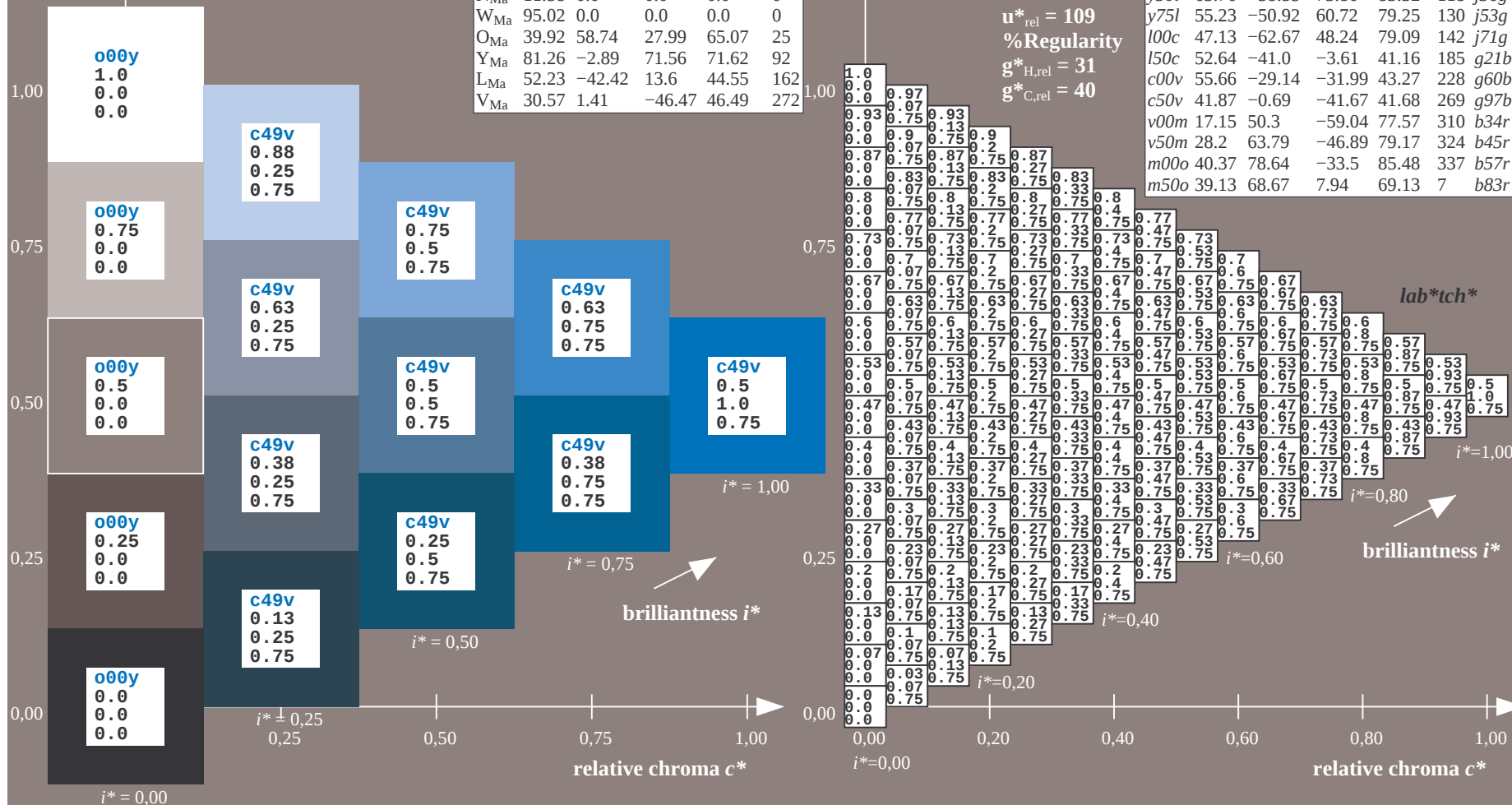
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

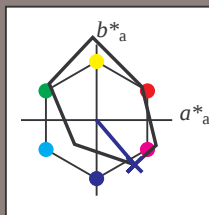
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
OMa	38.06	60.0	44.0	74.4	36	
YMa	86.77	-5.17	109.32	109.44	93	
LMa	47.13	-62.67	48.24	79.09	142	
CMa	55.66	-29.14	-31.99	43.27	228	
VMa	17.15	50.3	-59.04	77.57	310	
MMa	40.37	78.64	-33.5	85.48	337	
NMa	11.58	0.0	0.0	0.0	0	
WMa	95.02	0.0	0.0	0.0	0	
OMa	39.92	58.74	27.99	65.07	25	
YMa	81.26	-2.89	71.56	71.62	92	
LMa	52.23	-42.42	13.6	44.55	162	
VMa	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 17 50 -59

$LAB^*LCH^*_{Ma}$: 17 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

% Gamut

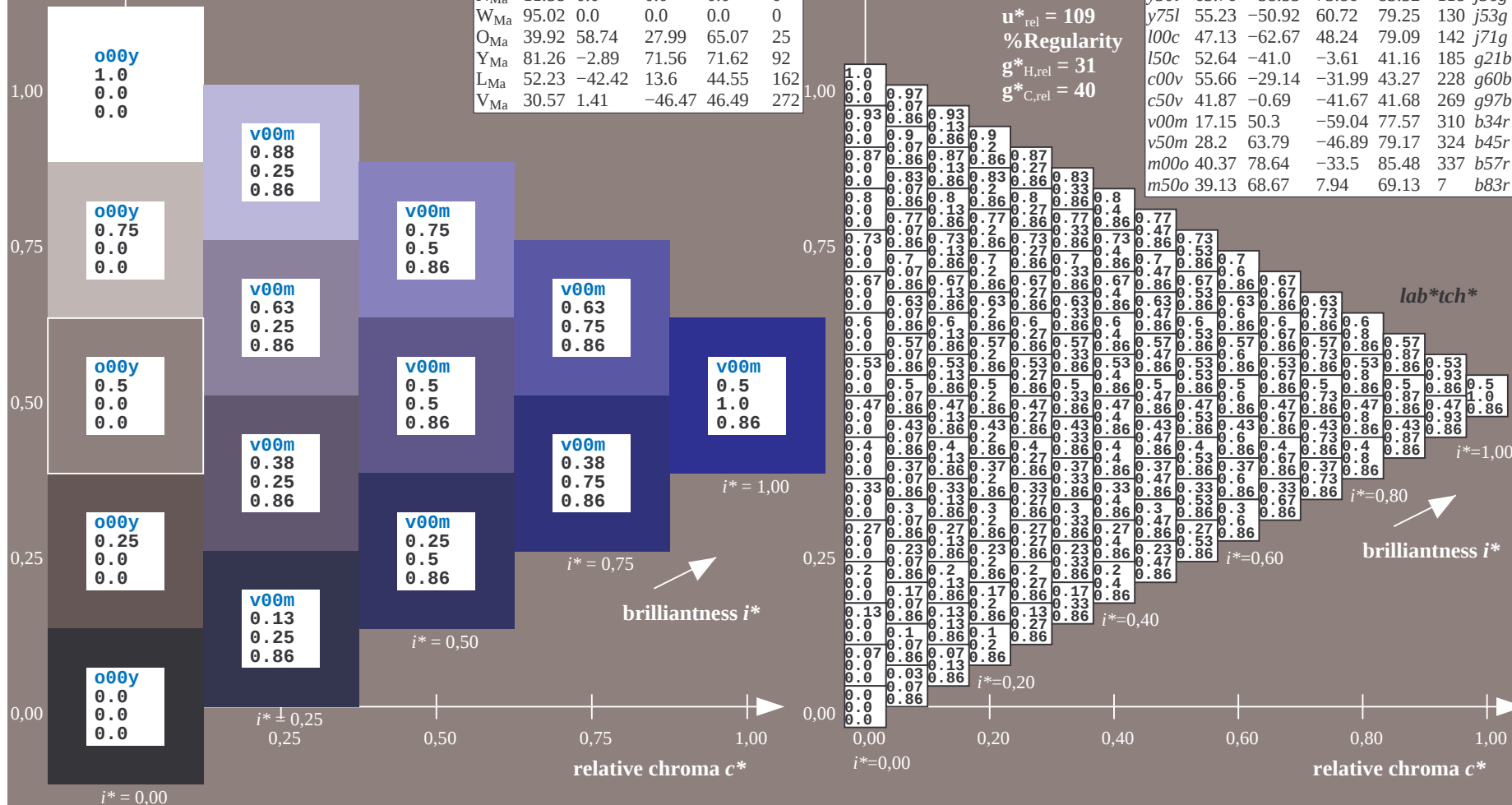
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

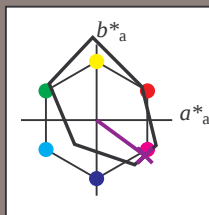
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 28 64 -47

$LAB^*LCH^*_{Ma}$: 28 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

% Gamut

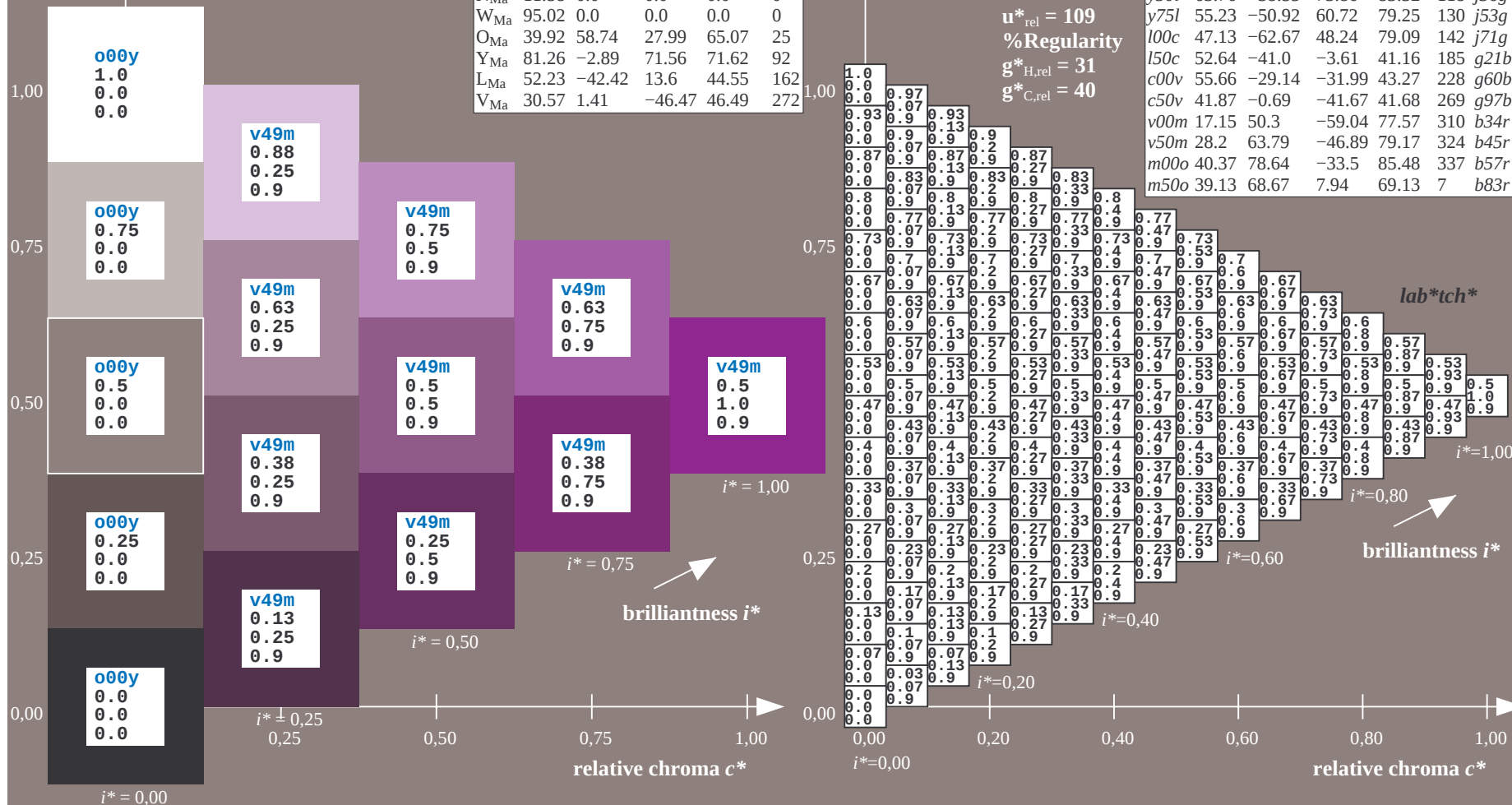
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

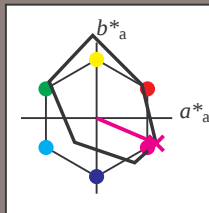
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 40 79 -34

$LAB^*LCH^*_{Ma}$: 40 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

% Gamut

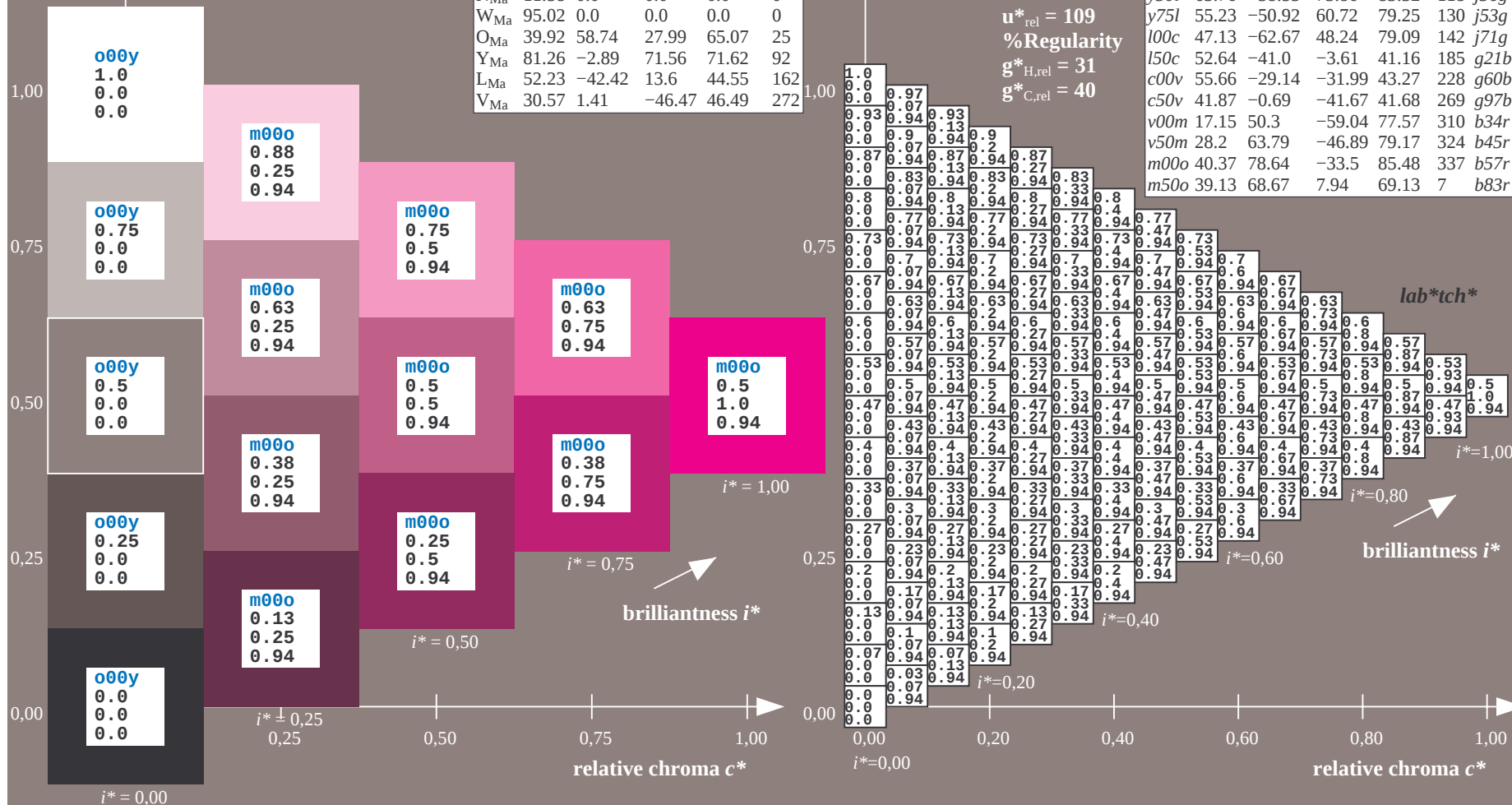
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	38.06	60.0	44.0	74.4	36	r16j		
o25y	47.68	47.13	56.9	73.88	50	r37j		
o50y	57.77	33.62	70.44	78.05	64	r58j		
o75y	69.84	17.48	86.62	88.37	79	r79j		
y00l	86.77	-5.17	109.32	109.44	93	j01g		
y25l	73.71	-24.12	89.19	92.39	105	j18g		
y50l	63.76	-38.55	73.86	83.32	118	j36g		
y75l	55.23	-50.92	60.72	79.25	130	j53g		
l00c	47.13	-62.67	48.24	79.09	142	j71g		
l50c	52.64	-41.0	-3.61	41.16	185	g21b		
c00v	55.66	-29.14	-31.99	43.27	228	g60b		
c50v	41.87	-0.69	-41.67	41.68	269	g97b		
v00m	17.15	50.3	-59.04	77.57	310	b34r		
v50m	28.2	63.79	-46.89	79.17	324	b45r		
m00o	40.37	78.64	-33.5	85.48	337	b57r		
m50o	39.13	68.67	7.94	69.13	7	b83r		



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

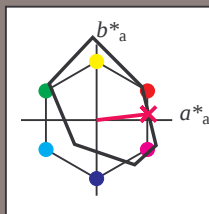
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 39 69 8

$LAB^*LCH^*_{Ma}$: 39 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

% Gamut

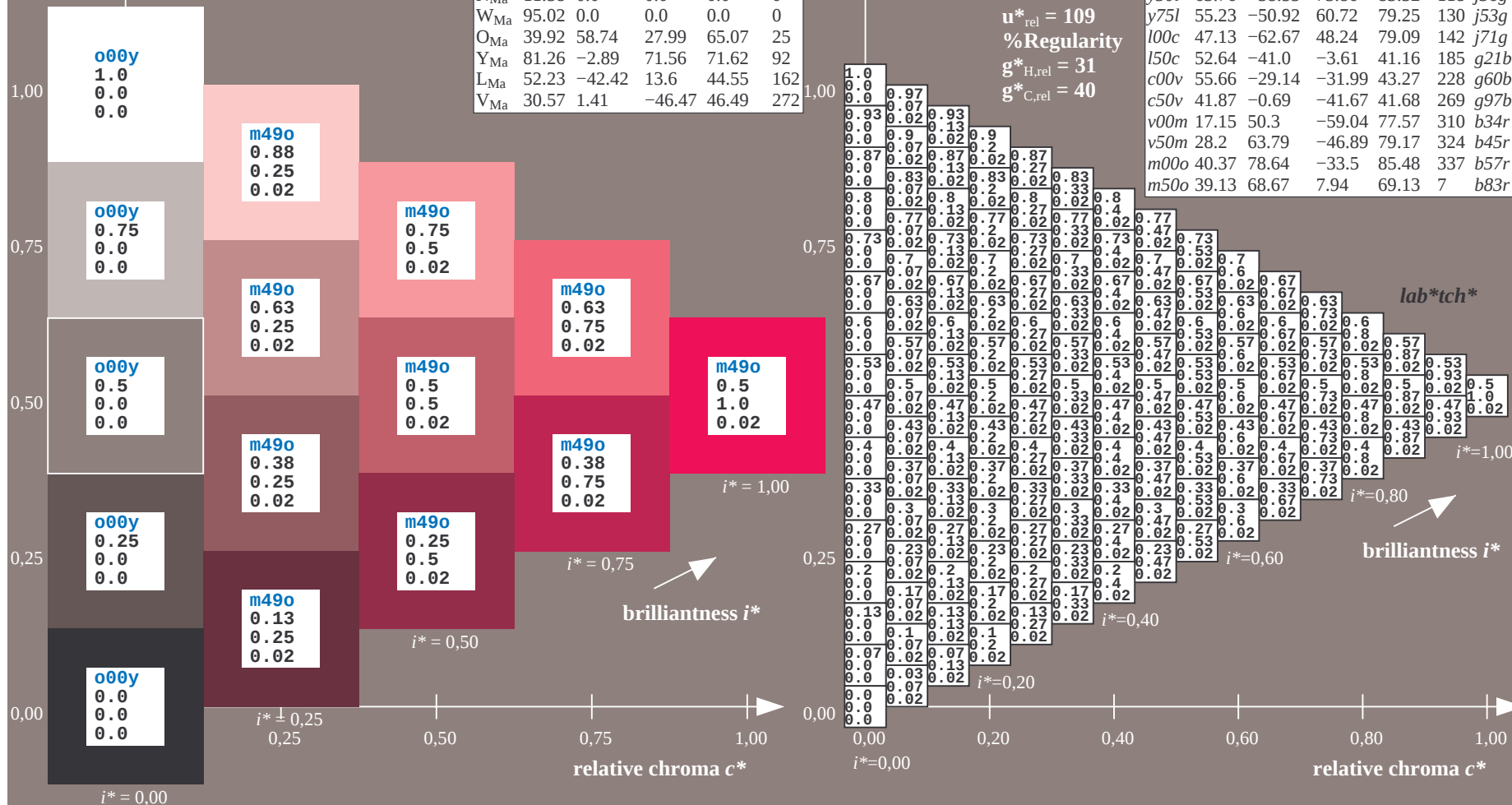
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

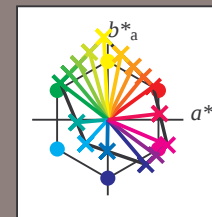
FRS12_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	38.06	60.0	44.0	74.4	36	r16j		
o25y	47.68	47.13	56.9	73.88	50	r37j		
o50y	57.77	33.62	70.44	78.05	64	r58j		
o75y	69.84	17.48	86.62	88.37	79	r79j		
y00l	86.77	-5.17	109.32	109.44	93	j01g		
y25l	73.71	-24.12	89.19	92.39	105	j18g		
y50l	63.76	-38.55	73.86	83.32	118	j36g		
y75l	55.23	-50.92	60.72	79.25	130	j53g		
l00c	47.13	-62.67	48.24	79.09	142	j71g		
l50c	52.64	-41.0	-3.61	41.16	185	g21b		
c00v	55.66	-29.14	-31.99	43.27	228	g60b		
c50v	41.87	-0.69	-41.67	41.68	269	g97b		
v00m	17.15	50.3	-59.04	77.57	310	b34r		
v50m	28.2	63.79	-46.89	79.17	324	b45r		
m00o	40.37	78.64	-33.5	85.48	337	b57r		
m50o	39.13	68.67	7.94	69.13	7	b83r		



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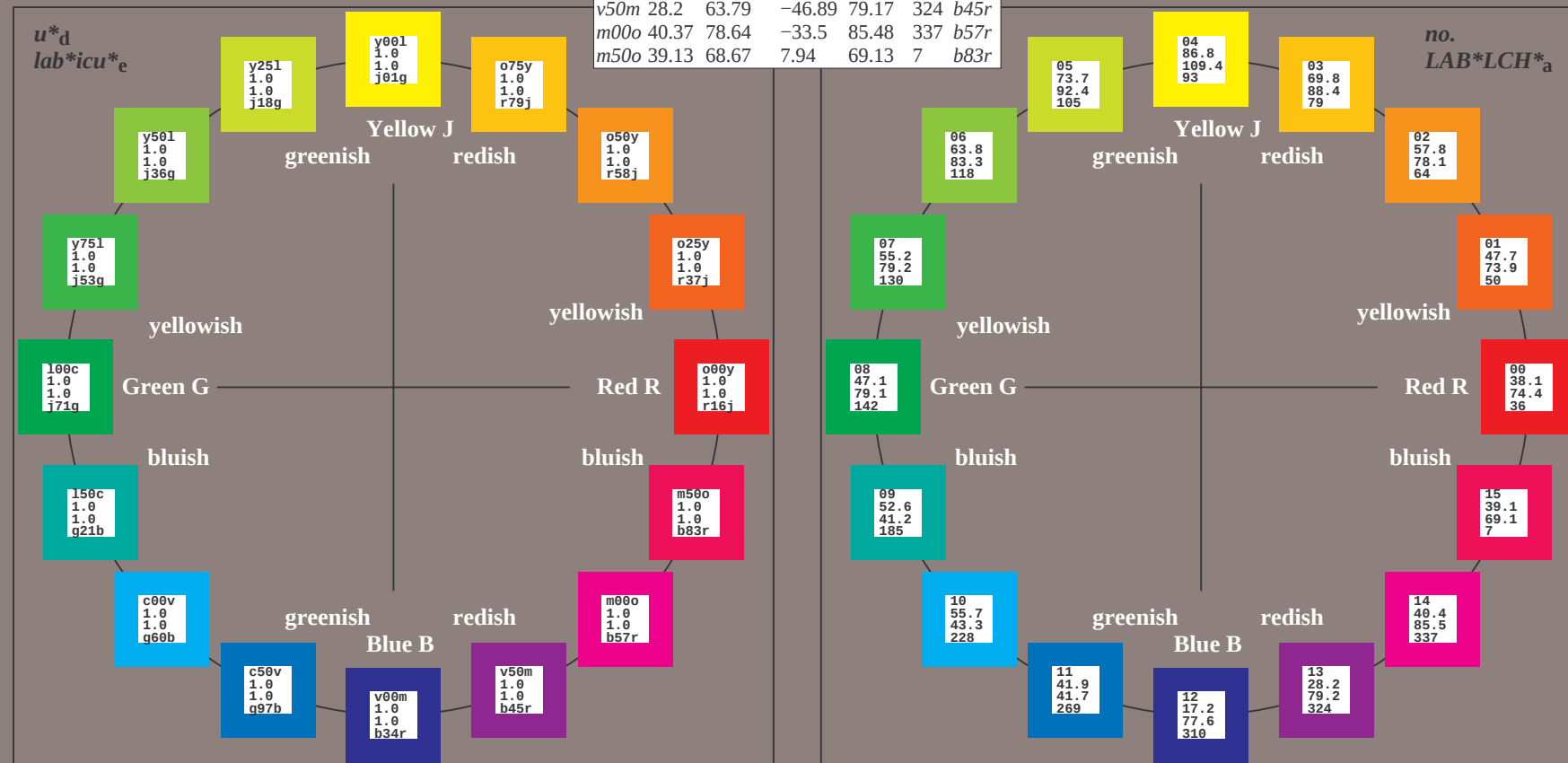
Input and output:
 Colorimetric Printer Reflective System FRS12_95a
 data for any colour:
 u^*_d and number *no.* = 00 .. 15
 device hue text:
 u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
 contrast reduction factor:
 $c_R = 1.0$

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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



%Gamut
 $u^*_{rel} = 109$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.06	60.0	44.0	74.4	36
Y _{Ma}	86.77	-5.17	109.32	109.44	93
L _{Ma}	47.13	-62.67	48.24	79.09	142
C _{Ma}	55.66	-29.14	-31.99	43.27	228
V _{Ma}	17.15	50.3	-59.04	77.57	310
M _{Ma}	40.37	78.64	-33.5	85.48	337
N _{Ma}	11.58	0.0	0.0	0.0	0
W _{Ma}	95.02	0.0	0.0	0.0	0
O _{CIE}	39.92	58.74	27.99	65.07	25
Y _{CIE}	81.26	-2.89	71.56	71.62	92
L _{CIE}	52.23	-42.42	13.6	44.55	162
V _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

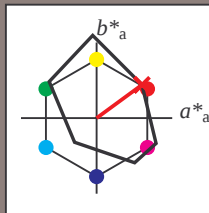
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 38 60 44

$LAB^*LCH^*_{Ma}$: 38 74 36

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

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

triangle lightness t^*

%Gamut

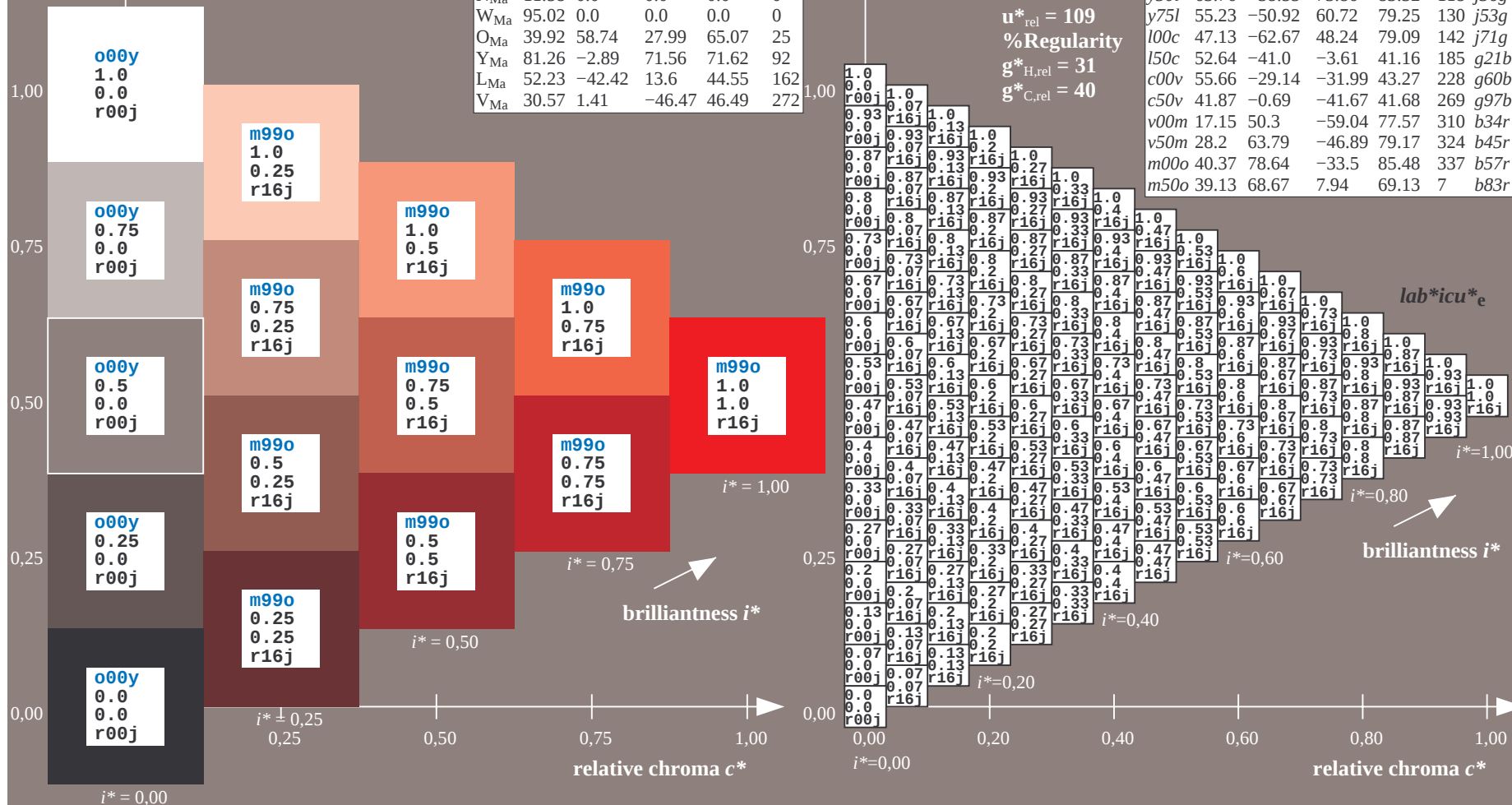
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

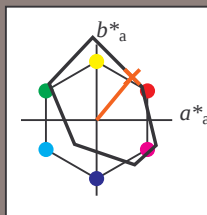
Hue texts:

$u^*_d = 0.25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 48 47 57

$LAB^*LCH^*_{Ma}$: 48 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

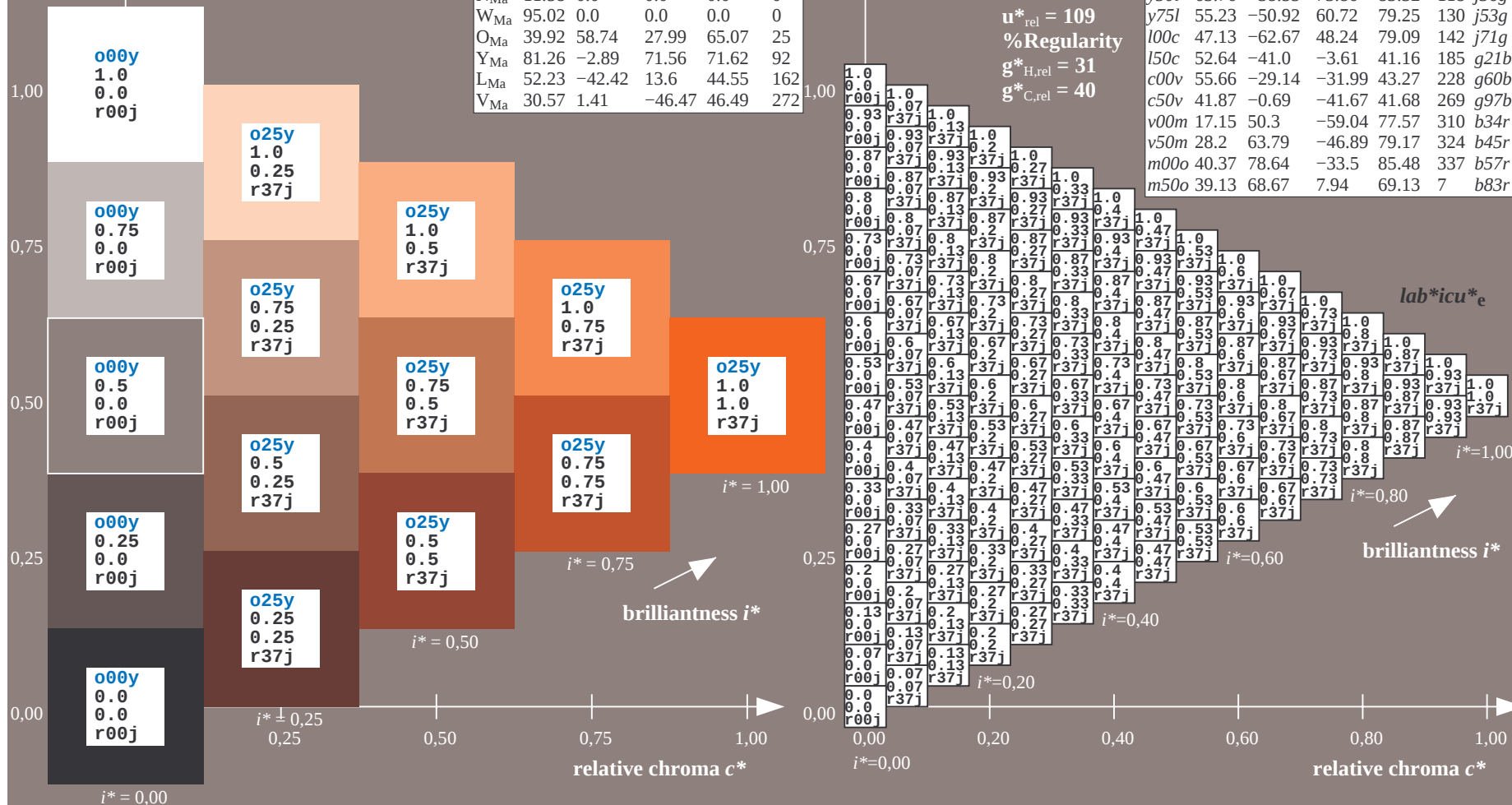
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

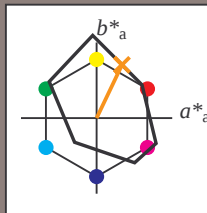
Hue texts:

$u^*_d = 0.50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 58 34 70

$LAB^*LCH^*_{Ma}$: 58 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

% Gamut

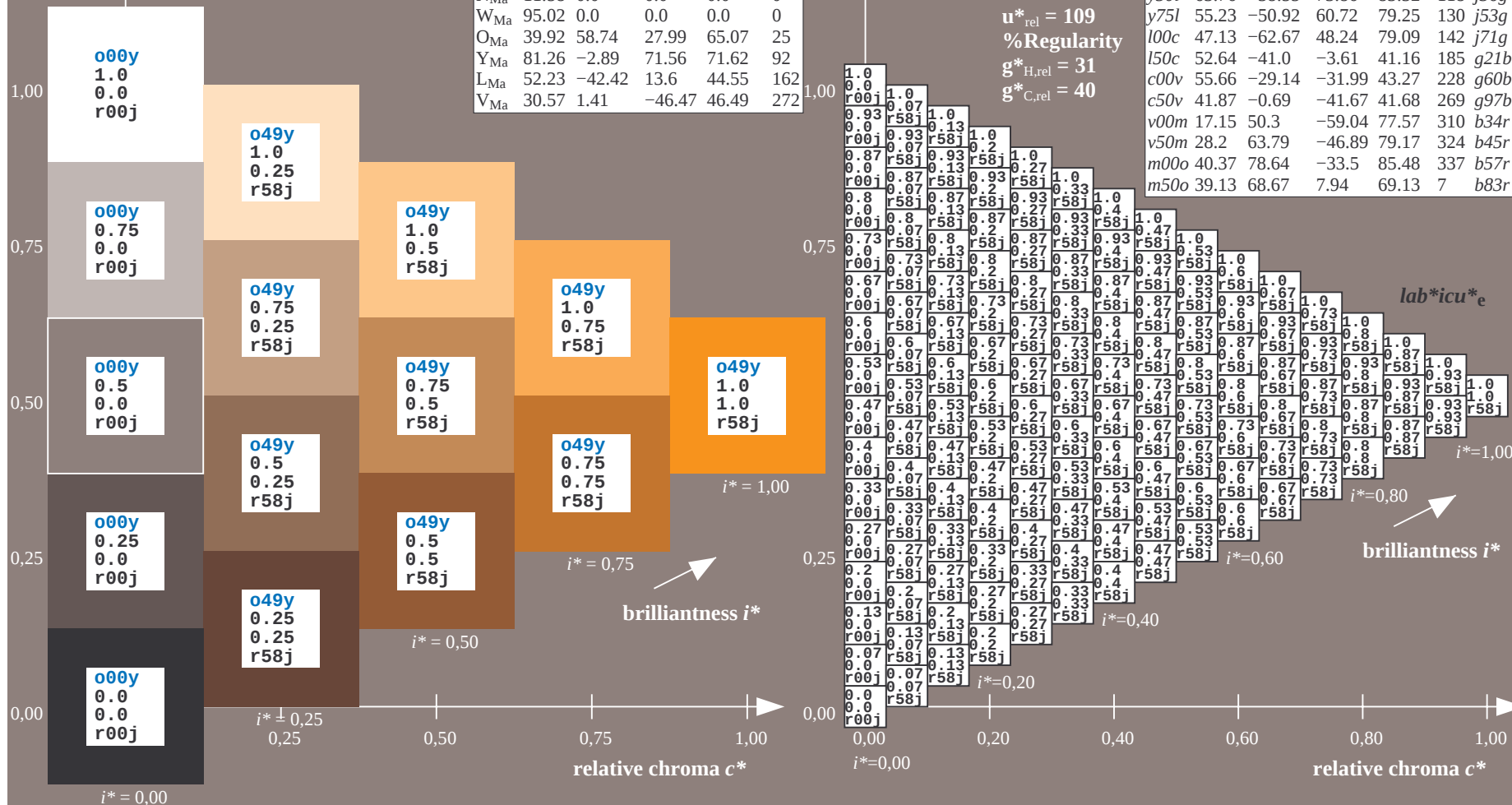
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

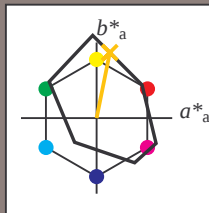
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 70 17 87

$LAB^*LCH^*_{Ma}$: 70 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

% Gamut

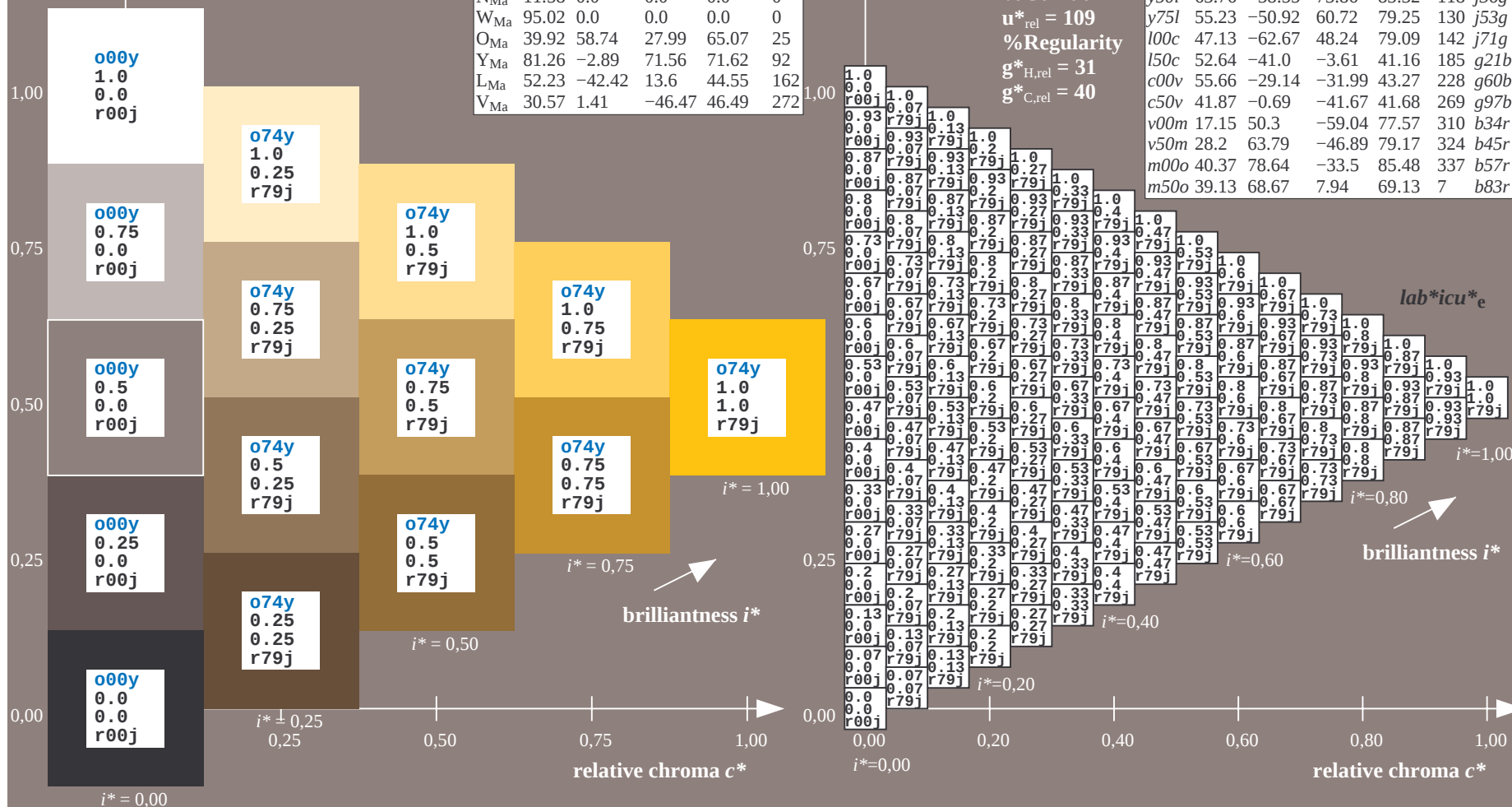
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

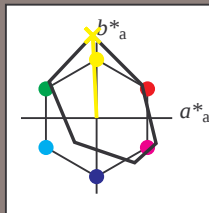
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 87 -5 109

$LAB^*LCH^*_{Ma}$: 87 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

% Gamut

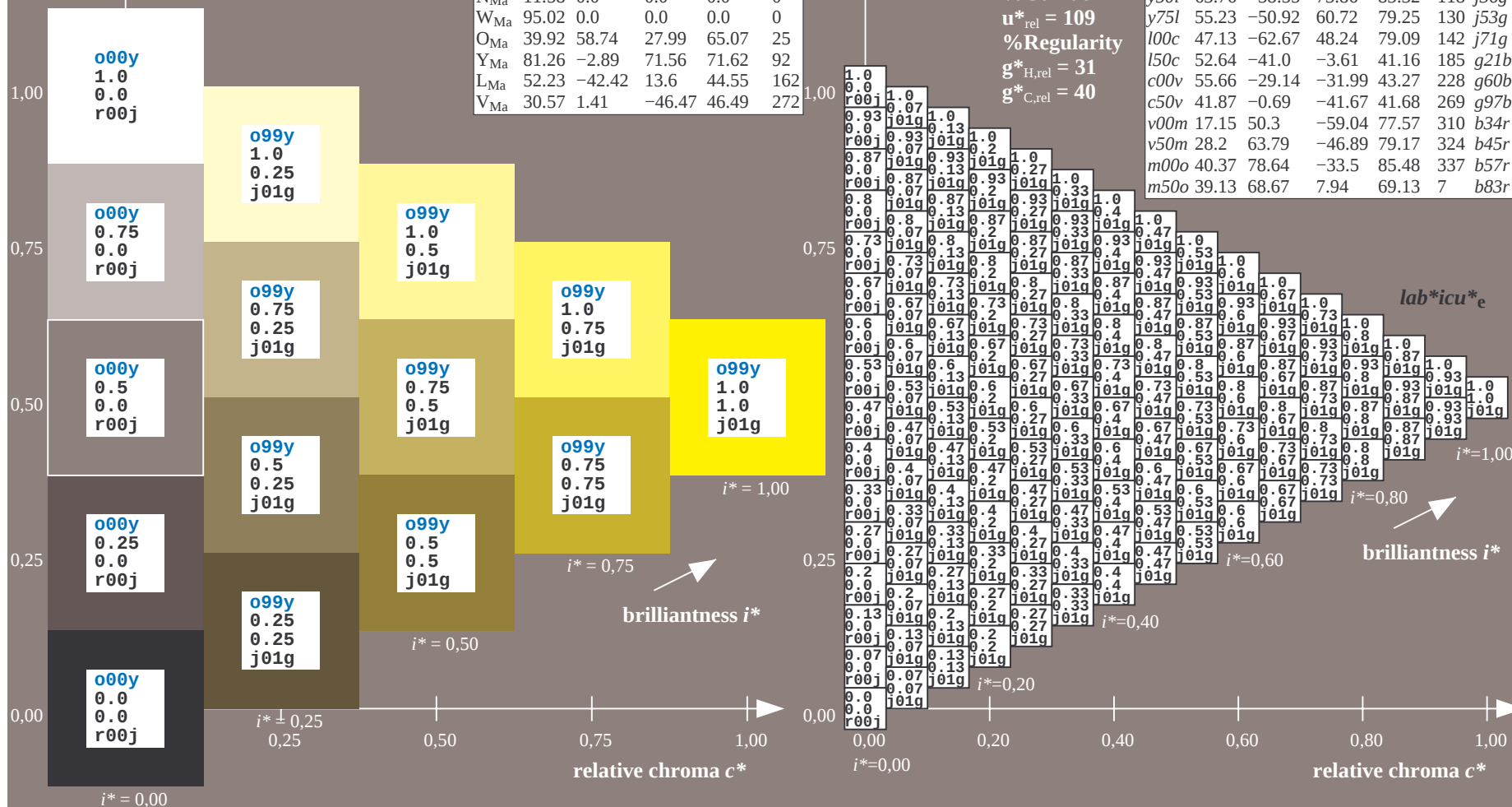
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

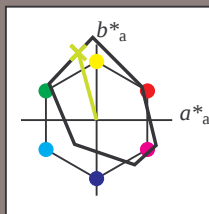
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 74 -24 89

$LAB^*LCH^*_{Ma}$: 74 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

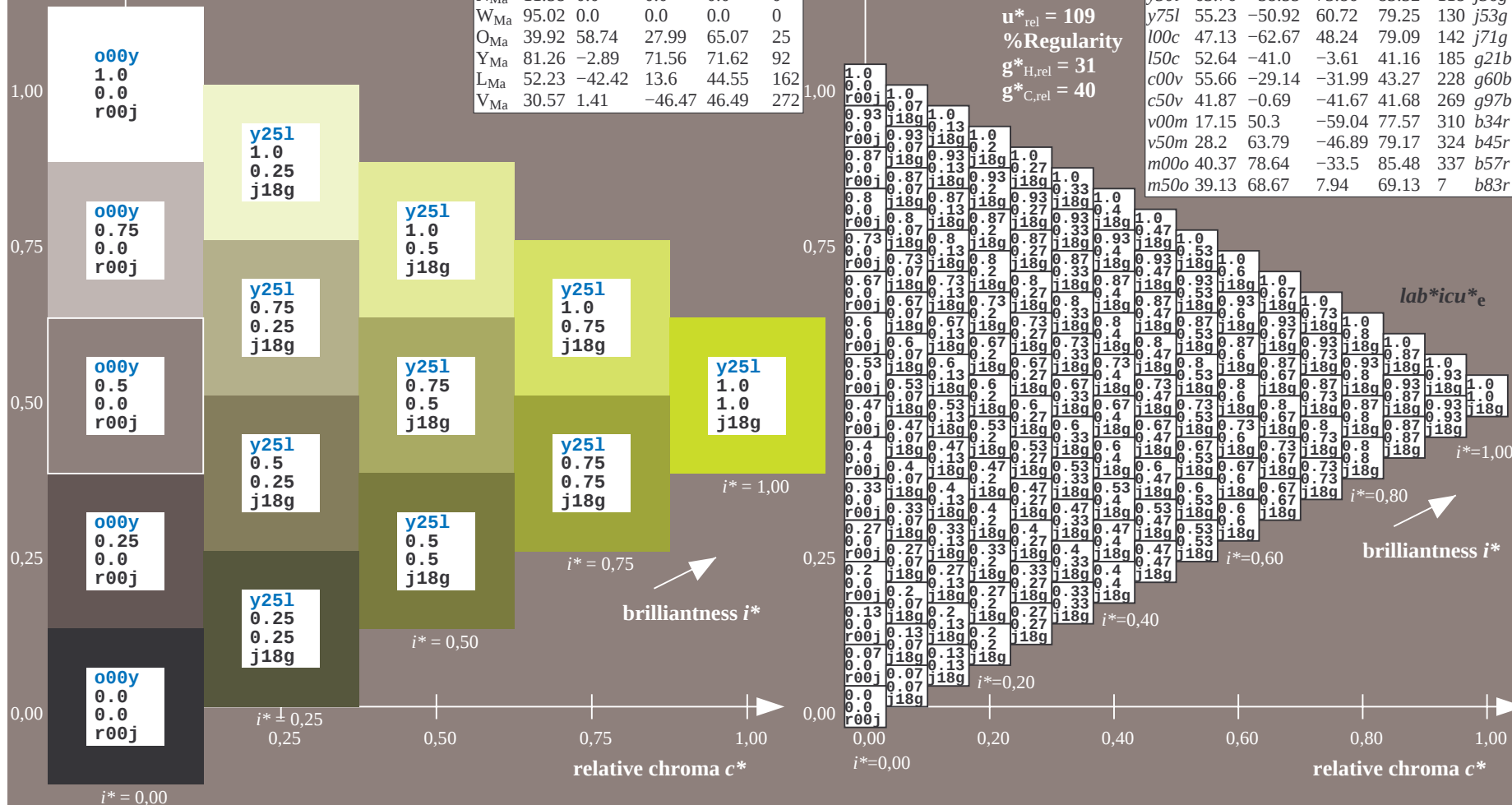
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

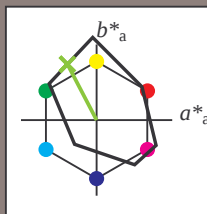
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 64 -39 74

$LAB^*LCH^*_{Ma}$: 64 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

% Gamut

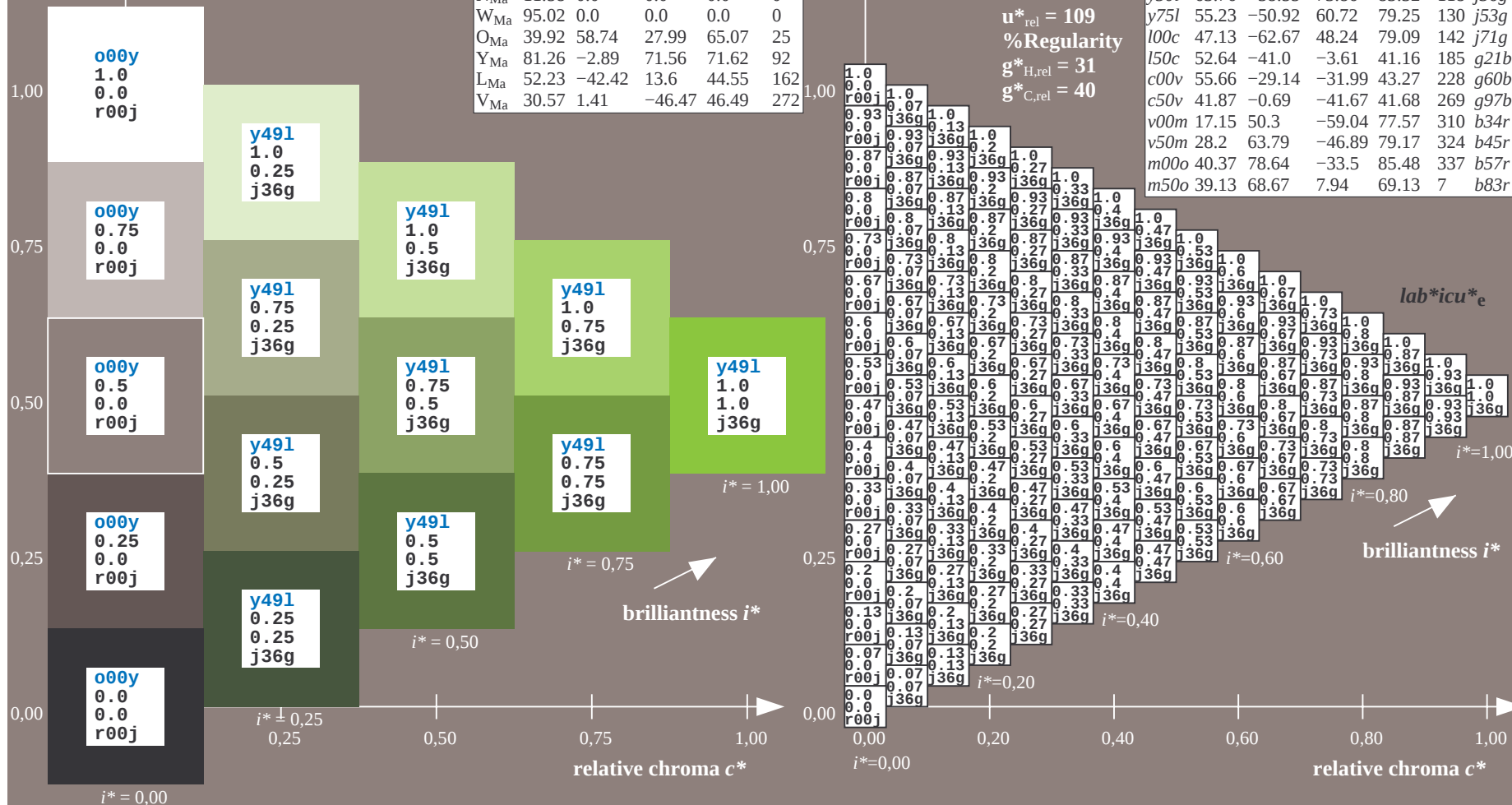
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

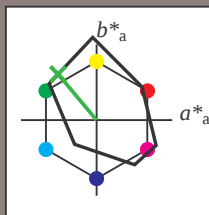
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.06	60.0	44.0	74.4	36
Y _{Ma}	86.77	-5.17	109.32	109.44	93
L _{Ma}	47.13	-62.67	48.24	79.09	142
C _{Ma}	55.66	-29.14	-31.99	43.27	228
V _{Ma}	17.15	50.3	-59.04	77.57	310
M _{Ma}	40.37	78.64	-33.5	85.48	337
N _{Ma}	11.58	0.0	0.0	0.0	0
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 55 -51 61

$LAB^*LCH^*_{Ma}$: 55 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

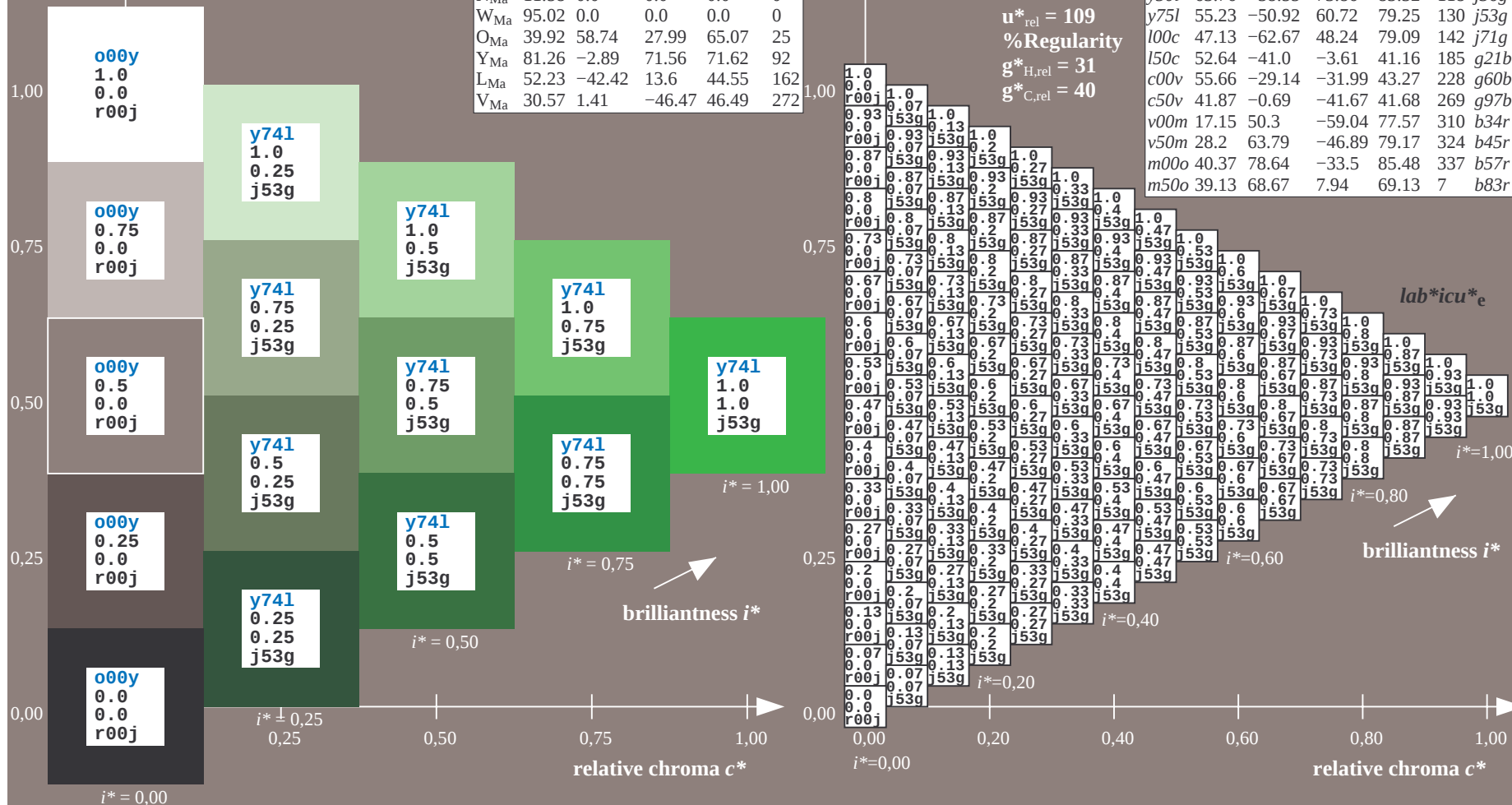
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

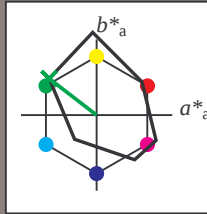
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 47 -63 48

$LAB^*LCH^*_{Ma}$: 47 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

%Gamut

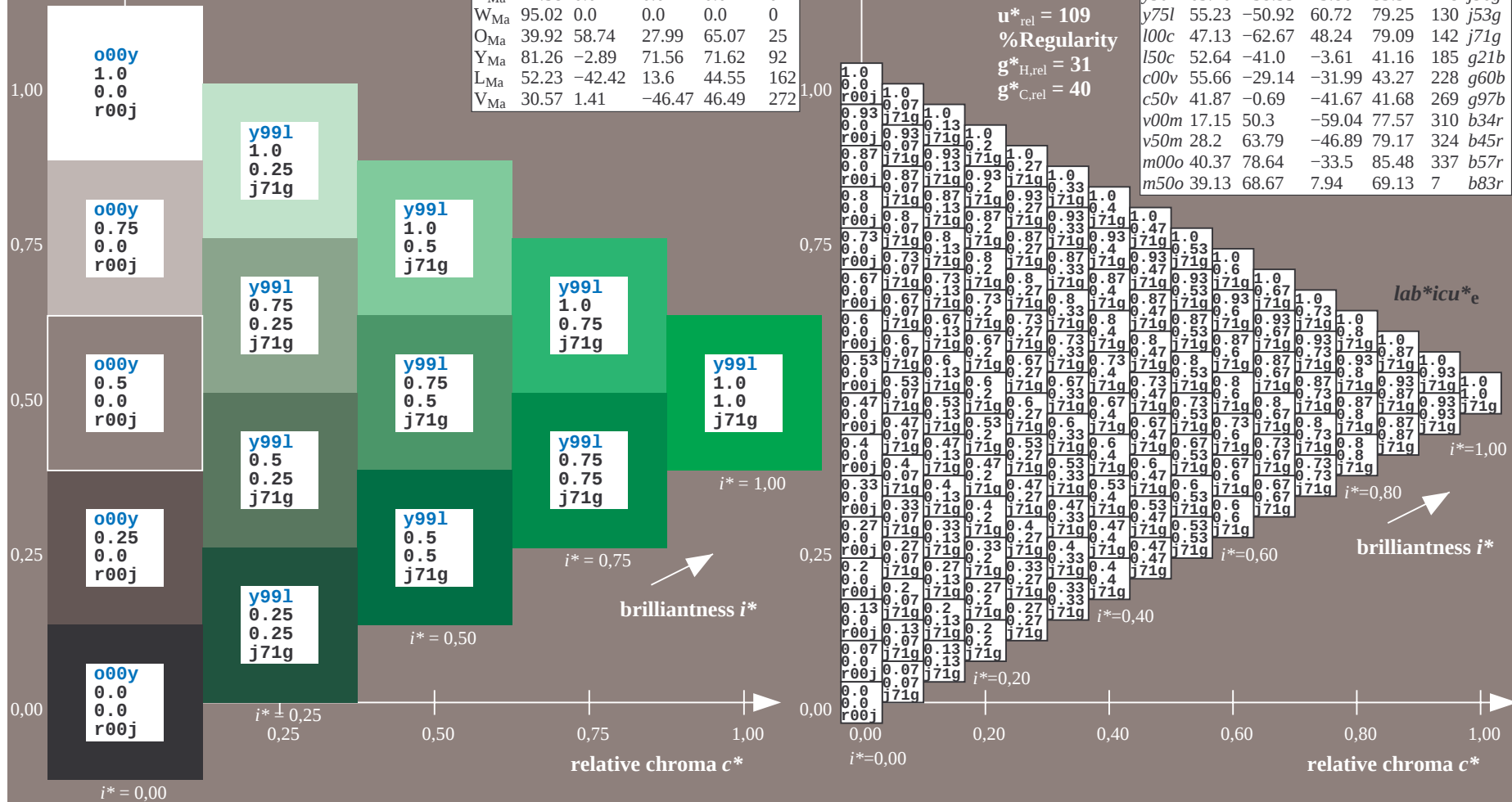
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

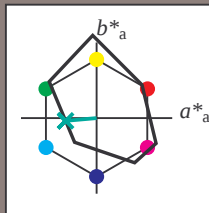
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 53 -41 -4

$LAB^*LCH^*_{Ma}$: 53 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

% Gamut

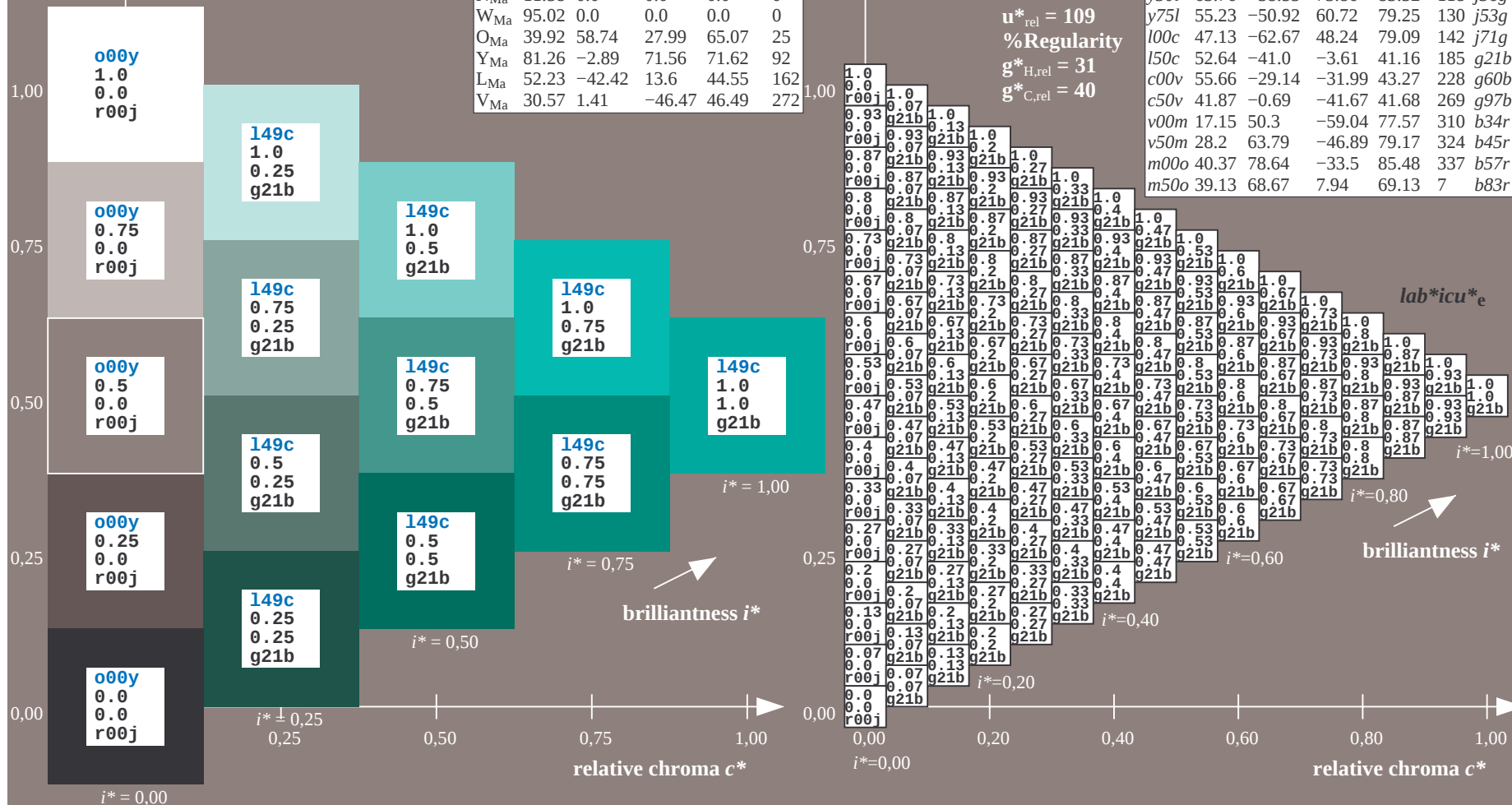
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

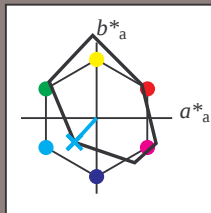
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 56 -29 -32

$LAB^*LCH^*_{Ma}$: 56 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

% Gamut

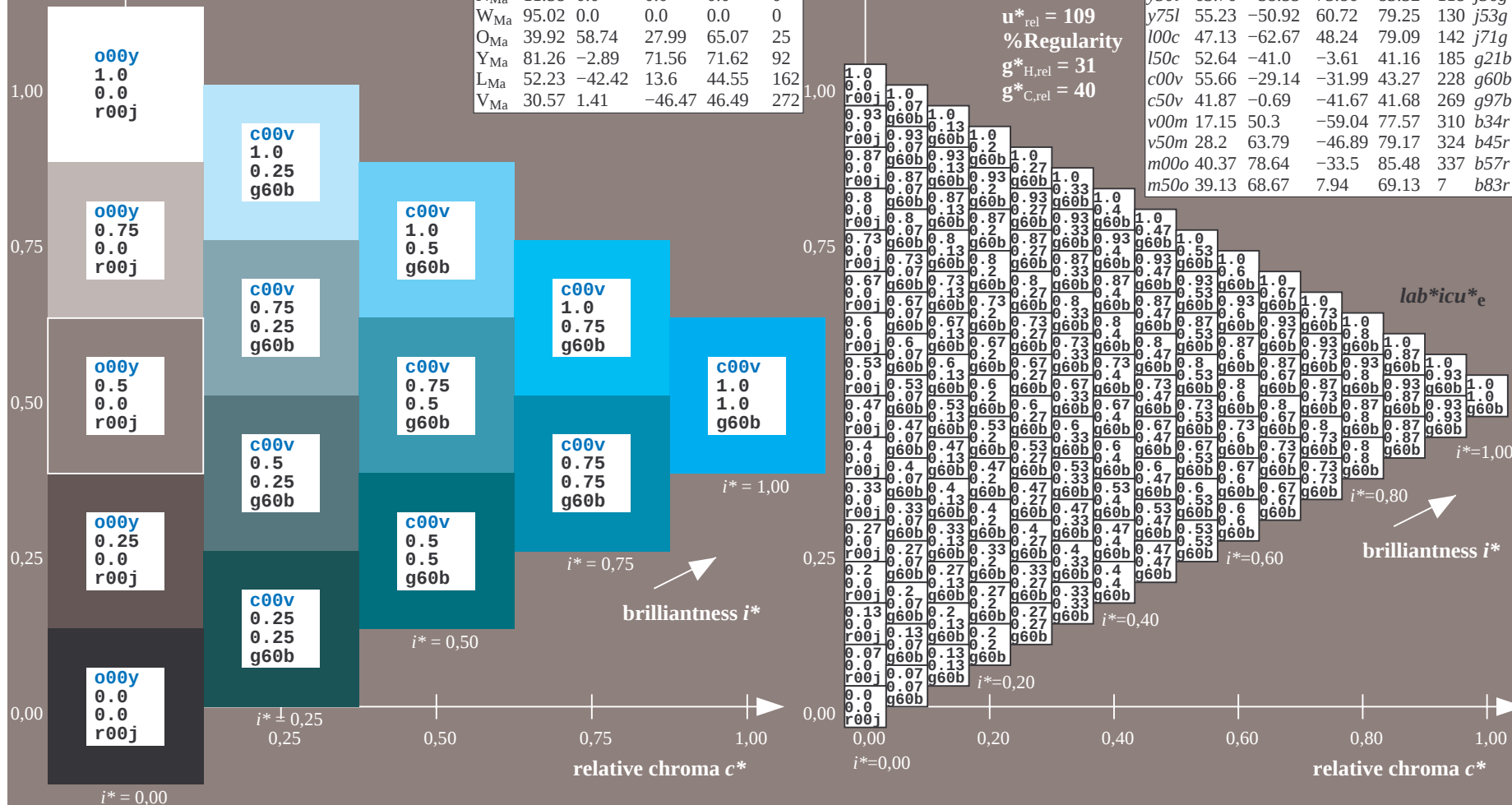
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

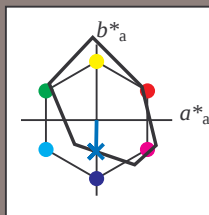
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 42 -1 -42

$LAB^*LCH^*_{Ma}$: 42 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

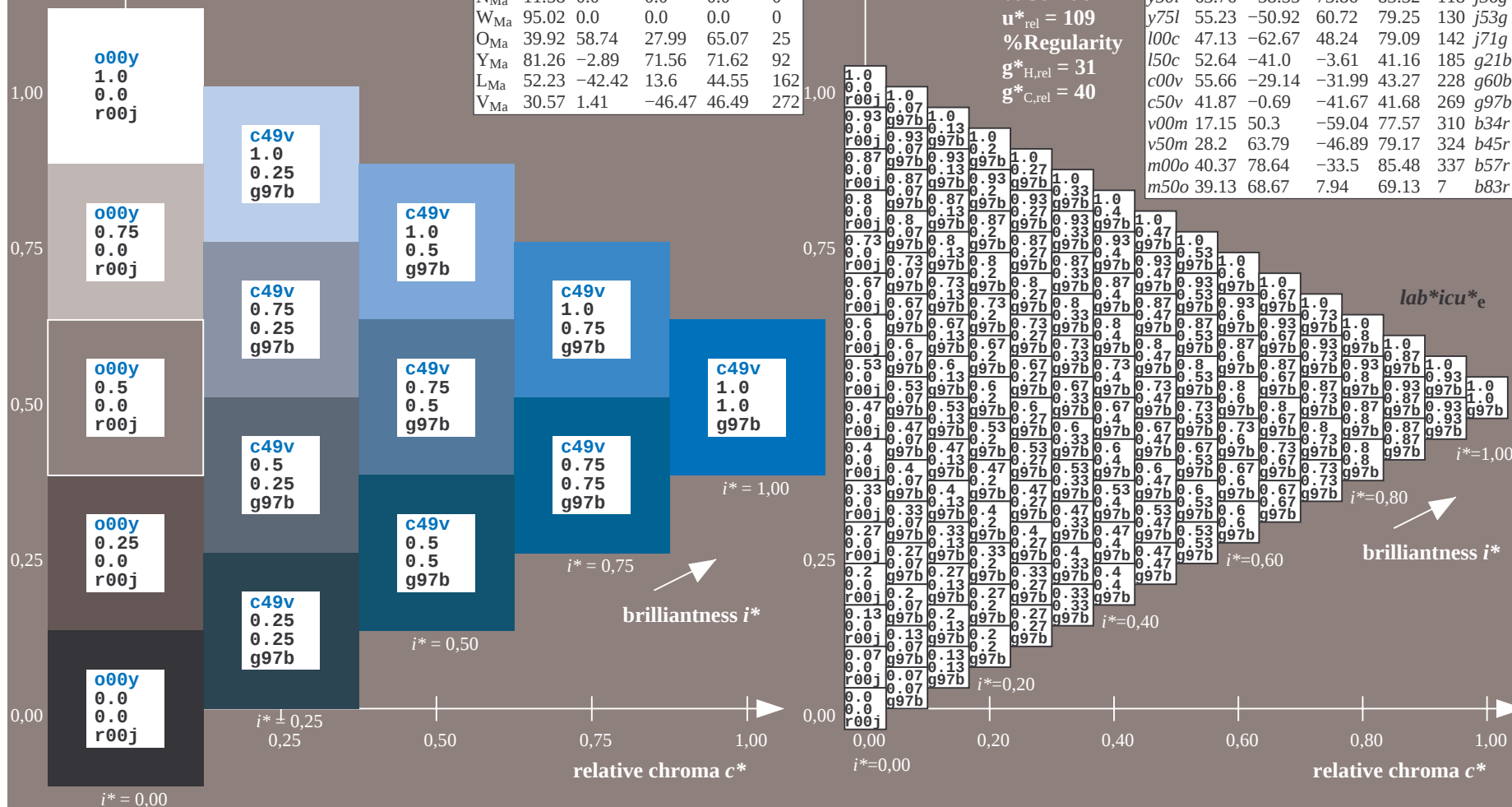
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

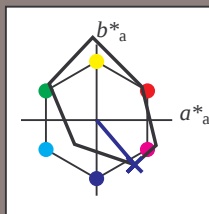
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 17 50 -59

$LAB^*LCH^*_{Ma}$: 17 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

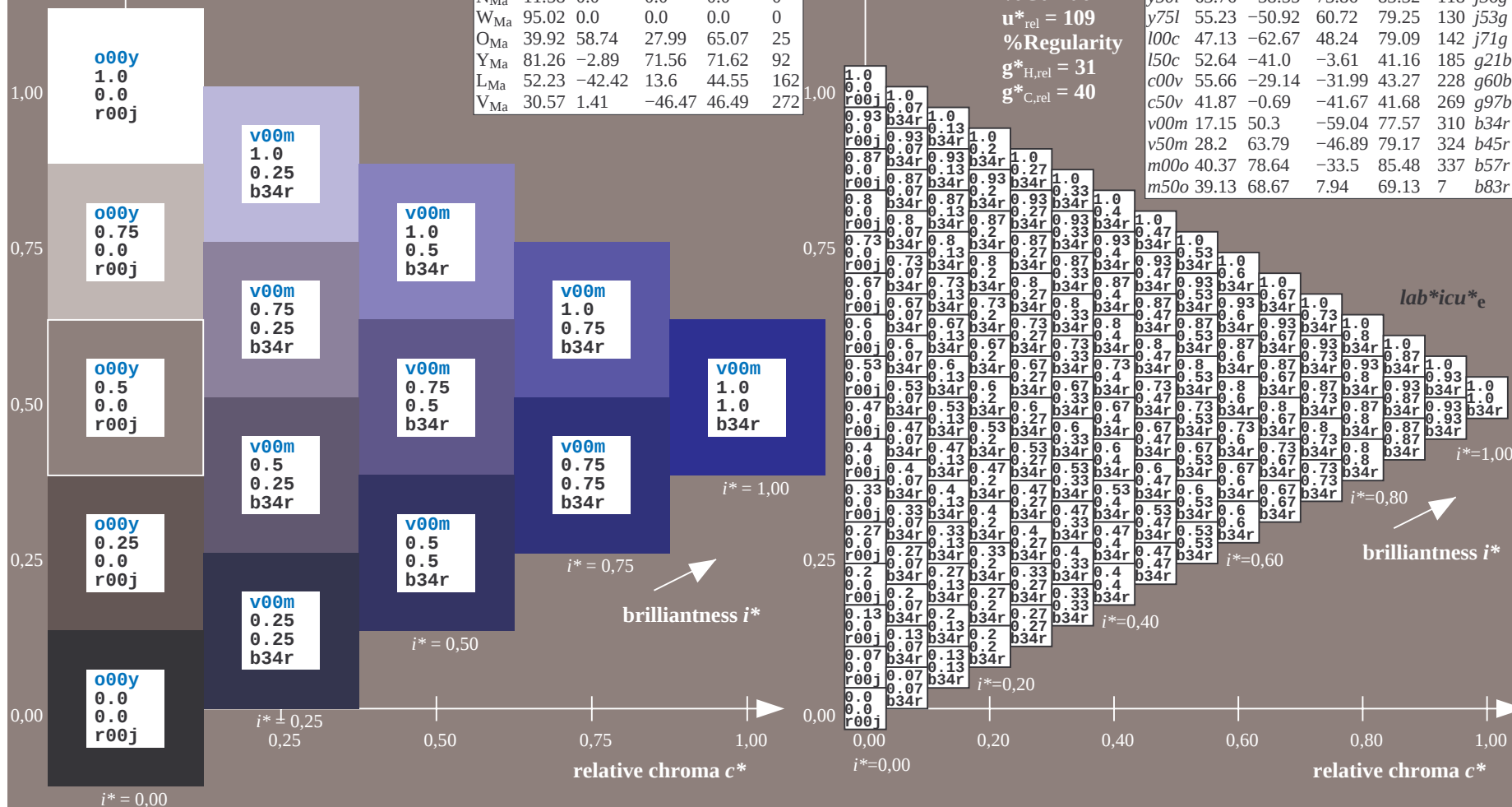
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

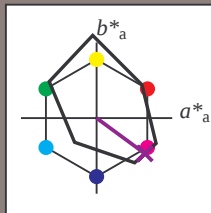
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 28 64 -47

$LAB^*LCH^*_{Ma}$: 28 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

% Gamut

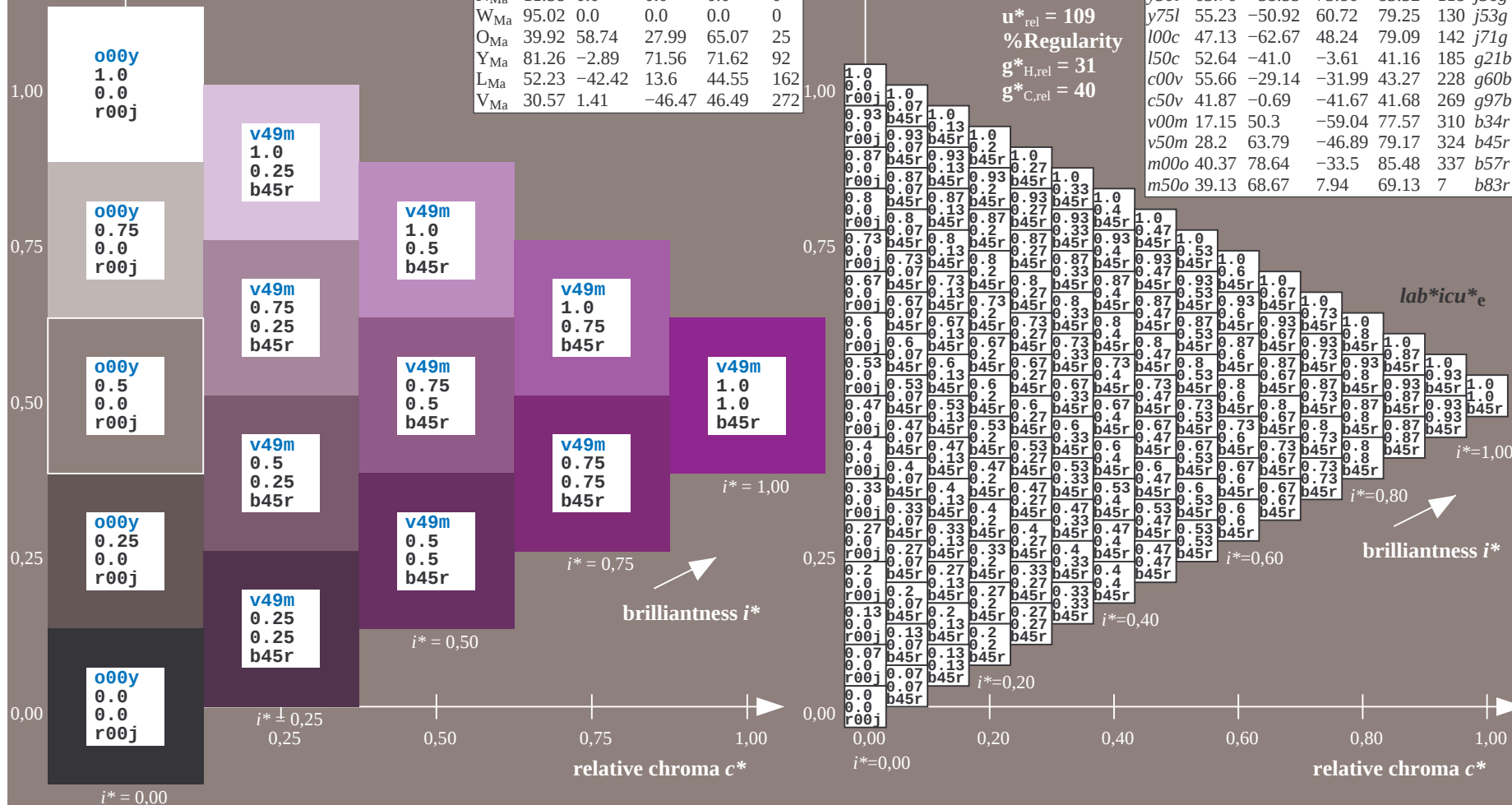
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

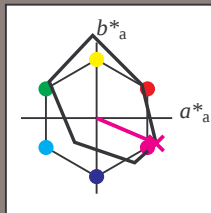
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.06	60.0	44.0	74.4	36	
Y _{Ma}	86.77	-5.17	109.32	109.44	93	
L _{Ma}	47.13	-62.67	48.24	79.09	142	
C _{Ma}	55.66	-29.14	-31.99	43.27	228	
V _{Ma}	17.15	50.3	-59.04	77.57	310	
M _{Ma}	40.37	78.64	-33.5	85.48	337	
N _{Ma}	11.58	0.0	0.0	0.0	0	
W _{Ma}	95.02	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):

$LAB^*LAB^*_{Ma}$: 40 79 -34

$LAB^*LCH^*_{Ma}$: 40 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

%Gamut

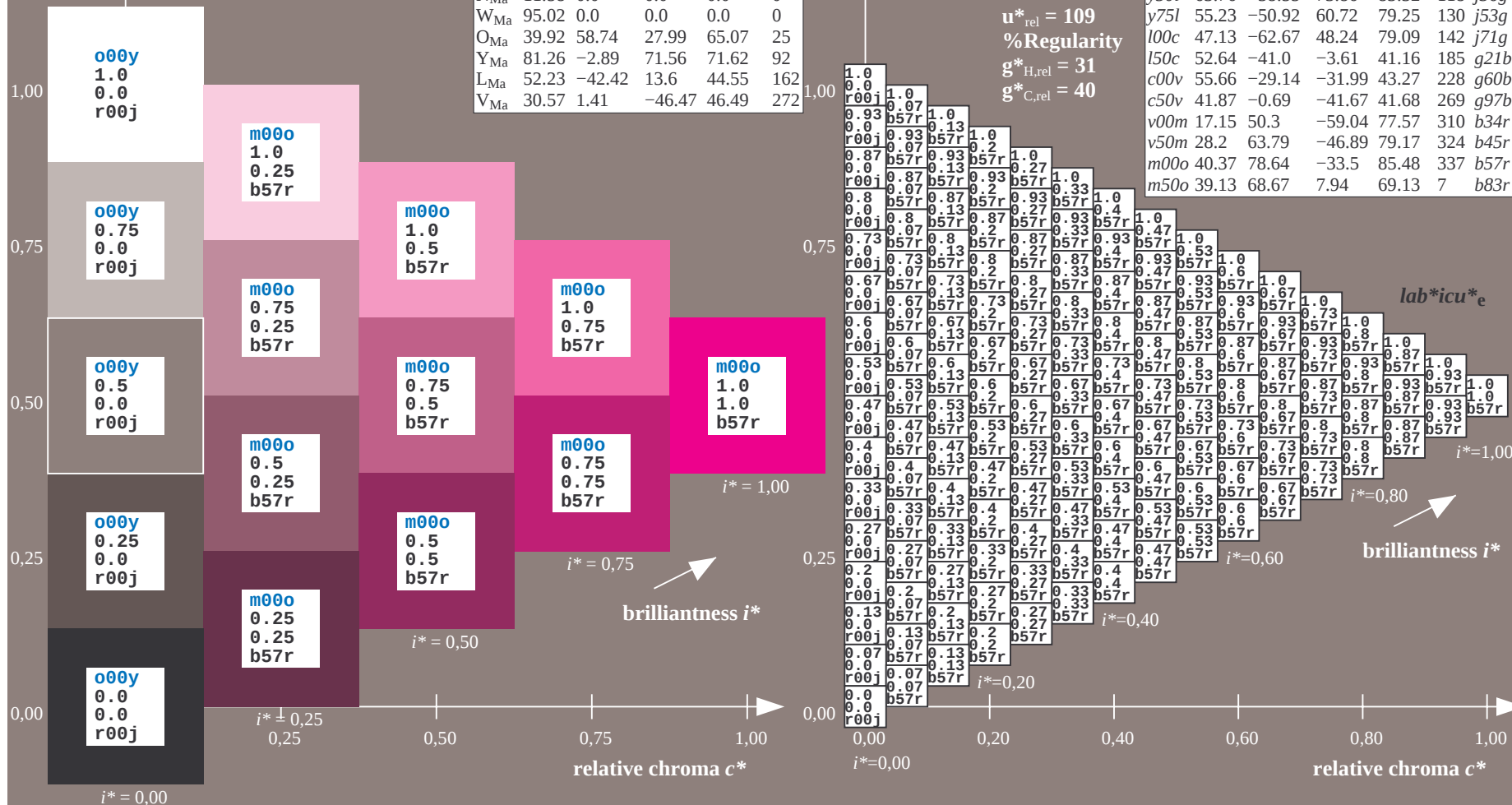
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

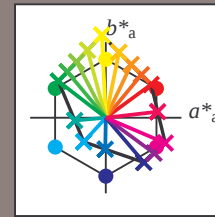
FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	



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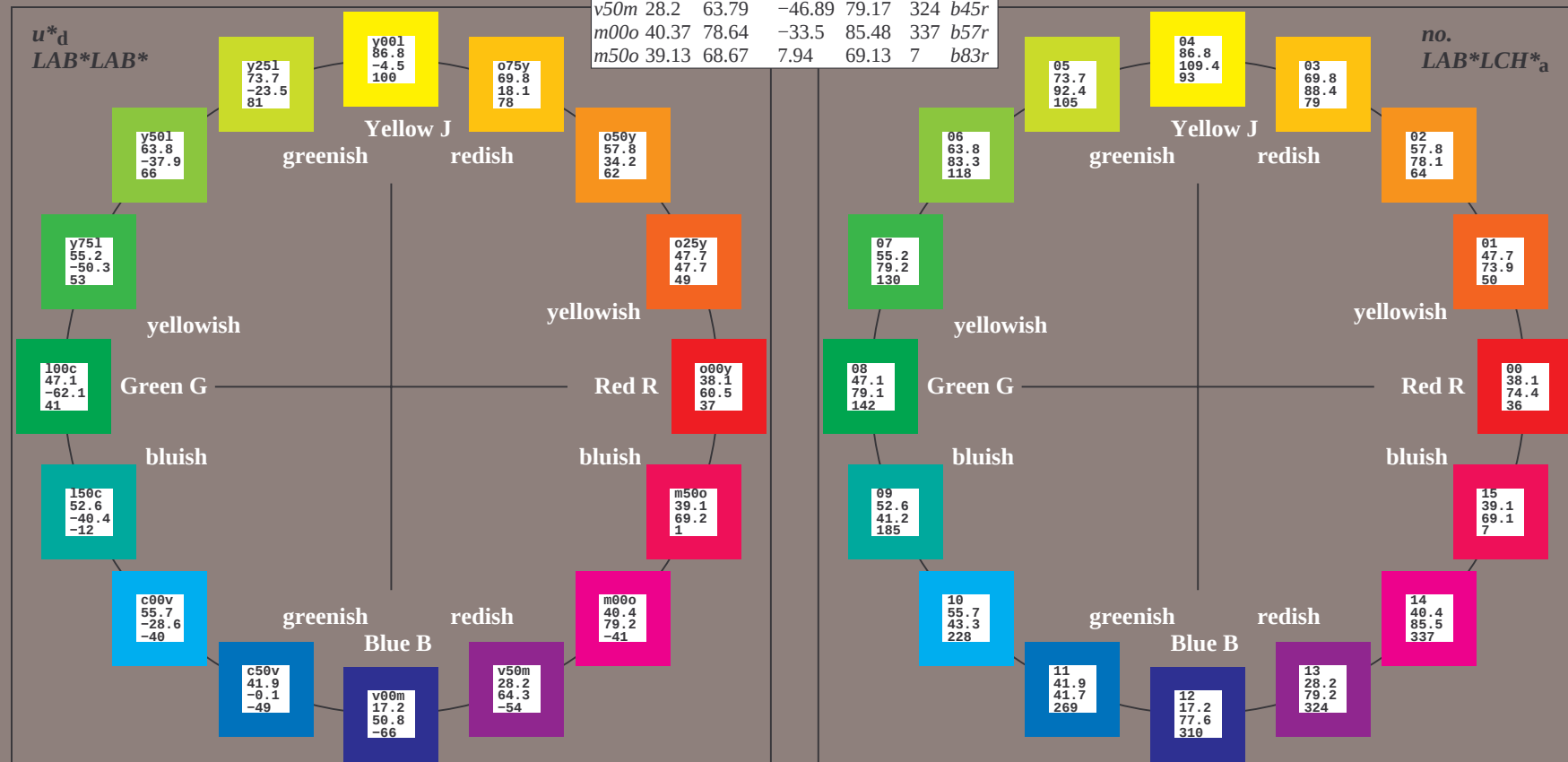
Input and output:
 Colorimetric Printer Reflective System FRS12_95a
 data for any colour:
 u^*_d and number *no.* = 00 .. 15
 device hue text:
 u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
 contrast reduction factor:
 $c_R = 1.0$

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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



%Gamut
 $u^*_{rel} = 109$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS12_95; CIELAB data					
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	38.06	60.53	36.66	70.77	31
Y _M	86.77	-4.5	100.15	100.25	93
L _M	47.13	-62.11	40.56	74.18	147
C _M	55.66	-28.56	-39.99	49.14	234
V _M	17.15	50.78	-65.6	82.96	308
M _M	40.37	79.18	-40.93	89.13	333
N _M	11.58	0.46	-6.35	6.37	274
W _M	95.02	0.69	-9.48	9.51	274
O _{CIE}	39.92	58.74	27.99	65.07	25
Y _{CIE}	81.26	-2.89	71.56	71.62	92
L _{CIE}	52.23	-42.42	13.6	44.55	162
V _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

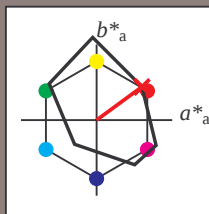
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O_M	38.06	60.53	36.66	70.77	31	
Y_M	86.77	-4.5	100.15	100.25	93	
L_M	47.13	-62.11	40.56	74.18	147	
C_M	55.66	-28.56	-39.99	49.14	234	
V_M	17.15	50.78	-65.6	82.96	308	
M_M	40.37	79.18	-40.93	89.13	333	
N_M	11.58	0.46	-6.35	6.37	274	
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_Ma: 38\ 60\ 44$

$LAB^*LCH^*_Ma: 38\ 74\ 36$

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

$lab^*rgb^*_Ma: 1.0\ 0.16\ 0.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

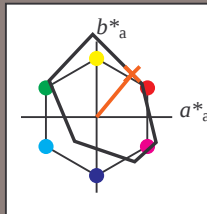
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 48 47 57

$LAB^*LCH^*_{Ma}$: 48 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

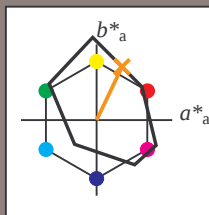
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_Ma$: 58 34 70

$LAB^*LCH^*_Ma$: 58 78 64

$lab^*olv^*_Ma$: 1.0 0.5 0.0

$lab^*rgb^*_Ma$: 1.0 0.58 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

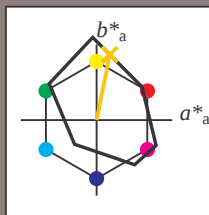
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31	
Y_M	86.77	-4.5	100.15	100.25	93	
L_M	47.13	-62.11	40.56	74.18	147	
C_M	55.66	-28.56	-39.99	49.14	234	
V_M	17.15	50.78	-65.6	82.96	308	
M_M	40.37	79.18	-40.93	89.13	333	
N_M	11.58	0.46	-6.35	6.37	274	
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_Ma: 70\ 17\ 87$

$LAB^*LCH^*_Ma: 70\ 88\ 78$

$lab^*olv^*_Ma: 1.0\ 0.75\ 0.0$

$lab^*rgb^*_Ma: 1.0\ 0.79\ 0.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$	

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^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

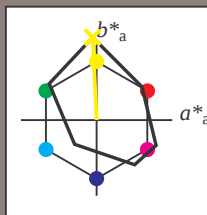
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 87 -5 109

$LAB^*LCH^*_{Ma}$: 87 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

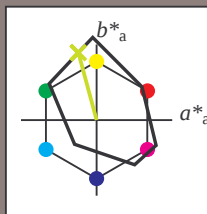
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 74 -24 89

$LAB^*LCH^*_{Ma}$: 74 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

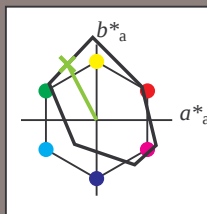
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 64 -39 74

$LAB^*LCH^*_{Ma}$: 64 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

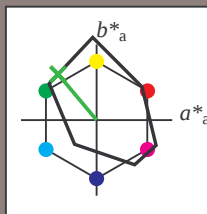
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_Ma: 55 -51 61$

$LAB^*LCH^*_Ma: 55 79 129$

$lab^*olv^*_Ma: 0.25 1.0 0.0$

$lab^*rgb^*_Ma: 0.46 1.0 0.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

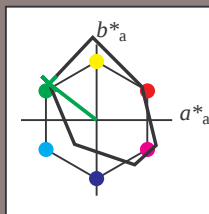
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 47 -63 48

$LAB^*LCH^*_{Ma}$: 47 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

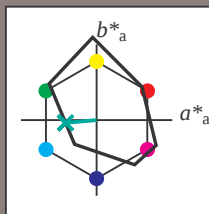
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

	u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31	
Y_M	86.77	-4.5	100.15	100.25	93	
L_M	47.13	-62.11	40.56	74.18	147	
C_M	55.66	-28.56	-39.99	49.14	234	
V_M	17.15	50.78	-65.6	82.96	308	
M_M	40.37	79.18	-40.93	89.13	333	
N_M	11.58	0.46	-6.35	6.37	274	
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 53 -41 -4

$LAB^*LCH^*_{Ma}$: 53 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36		$r16j$
$o25y$	47.68	47.13	56.9	73.88	50		$r37j$
$o50y$	57.77	33.62	70.44	78.05	64		$r58j$
$o75y$	69.84	17.48	86.62	88.37	79		$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93		$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105		$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118		$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130		$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142		$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185		$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228		$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269		$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310		$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324		$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337		$b57r$
$m50o$	39.13	68.67	7.94	69.13	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, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

lab^*tc^* and lab^*icu^*

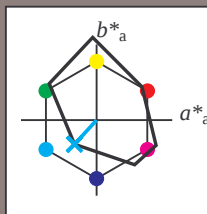
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O_M	38.06	60.53	36.66	70.77	31	
Y_M	86.77	-4.5	100.15	100.25	93	
L_M	47.13	-62.11	40.56	74.18	147	
C_M	55.66	-28.56	-39.99	49.14	234	
V_M	17.15	50.78	-65.6	82.96	308	
M_M	40.37	79.18	-40.93	89.13	333	
N_M	11.58	0.46	-6.35	6.37	274	
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_Ma$: 56 -29 -32

$LAB^*LCH^*_Ma$: 56 43 227

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

$lab^*rgb^*_Ma$: 0.0 0.8 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

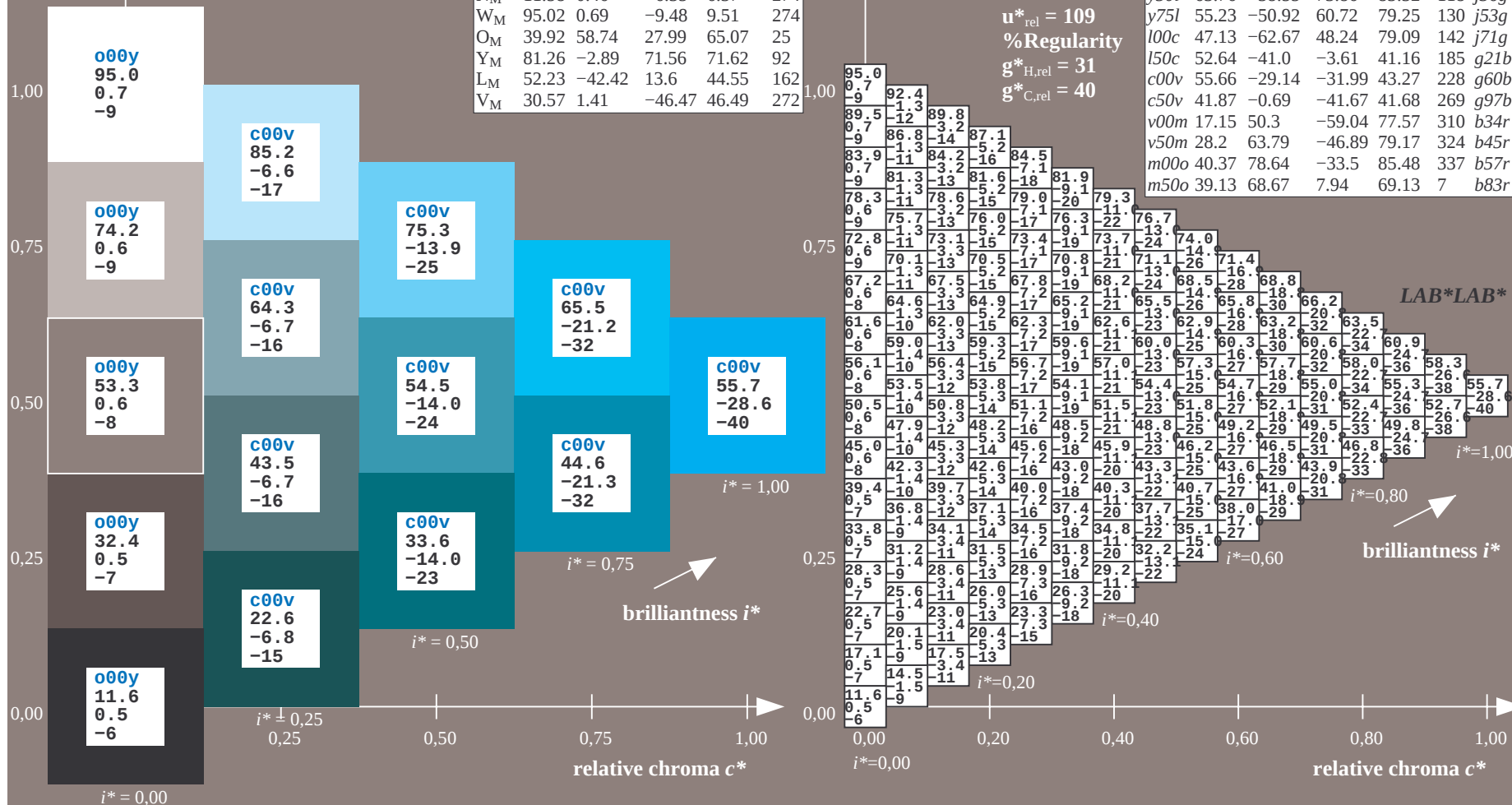
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

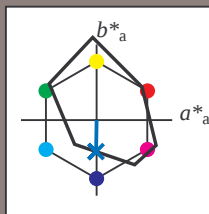
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 42 -1 -42

$LAB^*LCH^*_{Ma}$: 42 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

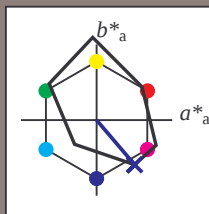
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O_M	38.06	60.53	36.66	70.77	31	
Y_M	86.77	-4.5	100.15	100.25	93	
L_M	47.13	-62.11	40.56	74.18	147	
C_M	55.66	-28.56	-39.99	49.14	234	
V_M	17.15	50.78	-65.6	82.96	308	
M_M	40.37	79.18	-40.93	89.13	333	
N_M	11.58	0.46	-6.35	6.37	274	
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_Ma: 17\ 50\ -59$

$LAB^*LCH^*_Ma: 17\ 78\ 310$

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

$lab^*rgb^*_Ma: 0.68\ 0.0\ 1.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

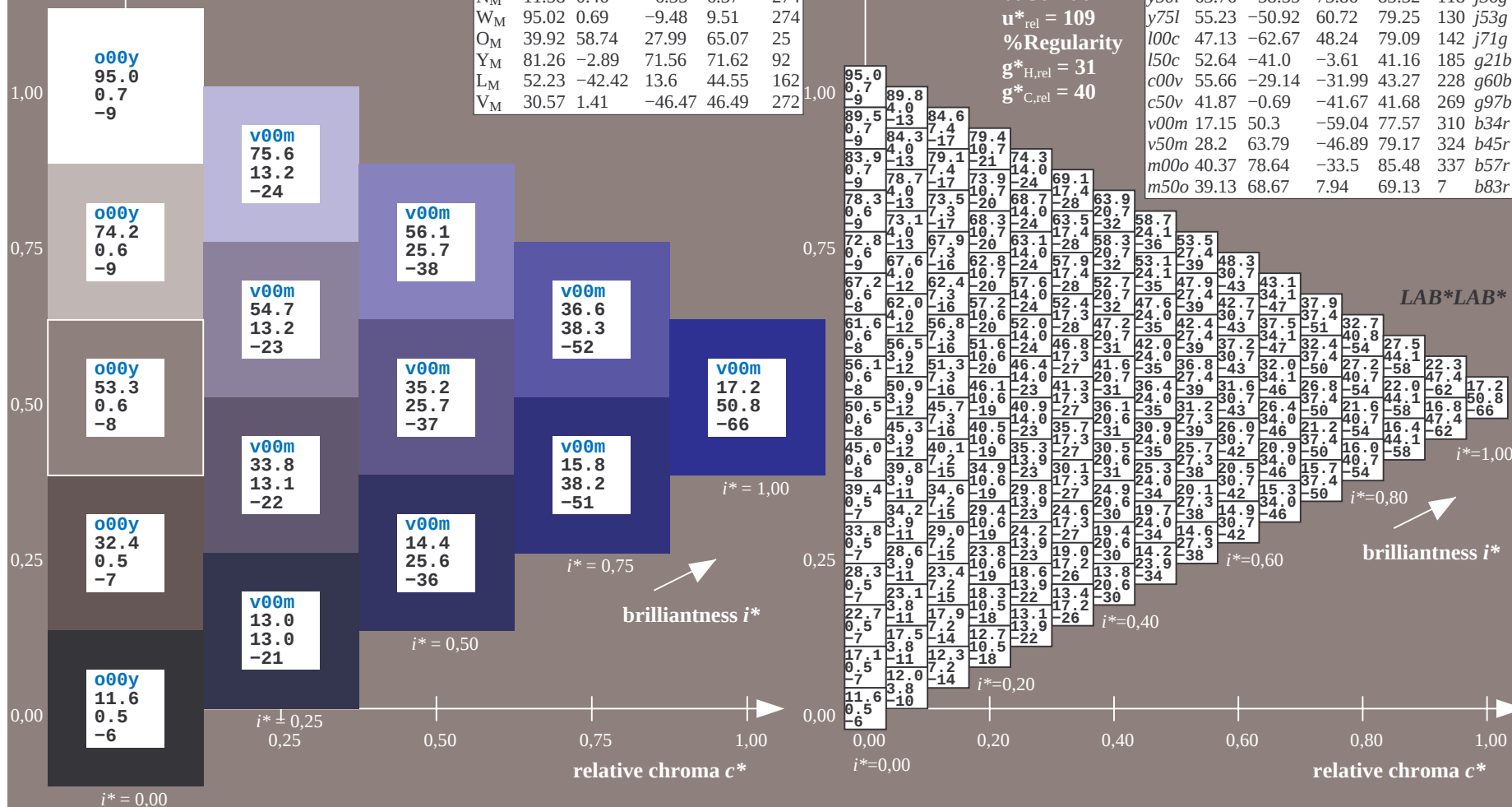
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

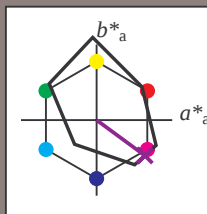
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

	u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31	
Y_M	86.77	-4.5	100.15	100.25	93	
L_M	47.13	-62.11	40.56	74.18	147	
C_M	55.66	-28.56	-39.99	49.14	234	
V_M	17.15	50.78	-65.6	82.96	308	
M_M	40.37	79.18	-40.93	89.13	333	
N_M	11.58	0.46	-6.35	6.37	274	
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_Ma$: 28 64 -47

$LAB^*LCH^*_Ma$: 28 79 323

$lab^*olv^*_Ma$: 0.5 0.0 1.0

$lab^*rgb^*_Ma$: 0.91 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36		$r16j$
$o25y$	47.68	47.13	56.9	73.88	50		$r37j$
$o50y$	57.77	33.62	70.44	78.05	64		$r58j$
$o75y$	69.84	17.48	86.62	88.37	79		$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93		$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105		$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118		$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130		$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142		$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185		$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228		$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269		$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310		$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324		$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337		$b57r$
$m50o$	39.13	68.67	7.94	69.13	7		$b83r$

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^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

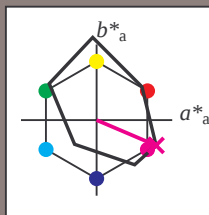
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 40 79 -34

$LAB^*LCH^*_{Ma}$: 40 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

lab^*tc^* and lab^*icu^*

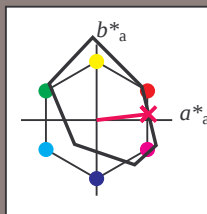
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 39 69 8

$LAB^*LCH^*_{Ma}$: 39 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

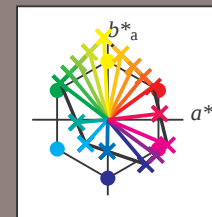
relative chroma c^*

$i^*=0.00$

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
01	11.6	16.0	20.5	24.9	29.4	33.8	38.2	42.7	47.1	51.5	55.9	60.3	64.7	69.1	73.5	77.9	82.3	86.7	91.1	95.5	100.0	104.4	108.8	113.2	117.6	122.0	126.4	130.8	135.2	139.6	144.0	148.4	152.8	157.2	161.6	166.0	170.4	174.8	179.2	183.6	188.0	192.4	196.8	201.2	205.6	210.0	214.4	218.8	223.2	227.6	232.0	236.4	240.8	245.2	249.6	254.0	258.4	262.8	267.2	271.6	276.0	280.4	284.8	289.2	293.6	298.0	302.4	306.8	311.2	315.6	320.0	324.4	328.8	333.2	337.6	342.0	346.4	350.8	355.2	359.6	364.0	368.4	372.8	377.2	381.6	386.0	390.4	394.8	399.2	403.6	408.0	412.4	416.8	421.2	425.6	430.0	434.4	438.8	443.2	447.6	452.0	456.4	460.8	465.2	469.6	474.0	478.4	482.8	487.2	491.6	496.0	500.4	504.8	509.2	513.6	518.0	522.4	526.8	531.2	535.6	540.0	544.4	548.8	553.2	557.6	562.0	566.4	570.8	575.2	579.6	584.0	588.4	592.8	597.2	601.6	606.0	610.4	614.8	619.2	623.6	628.0	632.4	636.8	641.2	645.6	650.0	654.4	658.8	663.2	667.6	672.0	676.4	680.8	685.2	689.6	694.0	698.4	702.8	707.2	711.6	716.0	720.4	724.8	729.2	733.6	738.0	742.4	746.8	751.2	755.6	760.0	764.4	768.8	773.2	777.6	782.0	786.4	790.8	795.2	799.6	804.0	808.4	812.8	817.2	821.6	826.0	830.4	834.8	839.2	843.6	848.0	852.4	856.8	861.2	865.6	870.0	874.4	878.8	883.2	887.6	892.0	896.4	900.8	905.2	909.6	914.0	918.4	922.8	927.2	931.6	936.0	940.4	944.8	949.2	953.6	958.0	962.4	966.8	971.2	975.6	980.0	984.4	988.8	993.2	997.6	1002.0	1006.4	1010.8	1015.2	1019.6	1024.0	1028.4	1032.8	1037.2	1041.6	1046.0	1050.4	1054.8	1059.2	1063.6	1068.0	1072.4	1076.8	1081.2	1085.6	1090.0	1094.4	1098.8	1103.2	1107.6	1112.0	1116.4	1120.8	1125.2	1129.6	1134.0	1138.4	1142.8	1147.2	1151.6	1156.0	1160.4	1164.8	1169.2	1173.6	1178.0	1182.4	1186.8	1191.2	1195.6	1200.0	1204.4	1208.8	1213.2	1217.6	1222.0	1226.4	1230.8	1235.2	1239.6	1244.0	1248.4	1252.8	1257.2	1261.6	1266.0	1270.4	1274.8	1279.2	1283.6	1288.0	1292.4	1296.8	1301.2	1305.6	1310.0	1314.4	1318.8	1323.2	1327.6	1332.0	1336.4	1340.8	1345.2	1349.6	1354.0	1358.4	1362.8	1367.2	1371.6	1376.0	1380.4	1384.8	1389.2	1393.6	1398.0	1402.4	1406.8	1411.2	1415.6	1420.0	1424.4	1428.8	1433.2	1437.6	1442.0	1446.4	1450.8	1455.2	1459.6	1464.0	1468.4	1472.8	1477.2	1481.6	1486.0	1490.4	1494.8	1499.2	1503.6	1508.0	1512.4	1516.8	1521.2	1525.6	1530.0	1534.4	1538.8	1543.2	1547.6	1552.0	1556.4	1560.8	1565.2	1569.6	1574.0	1578.4	1582.8	1587.2	1591.6	1596.0	1600.4	1604.8	1609.2	1613.6	1618.0	1622.4	1626.8	1631.2	1635.6	1640.0	1644.4	1648.8	1653.2	1657.6	1662.0	1666.4	1670.8	1675.2	1679.6	1684.0	1688.4	1692.8	1697.2	1701.6	1706.0	1710.4	1714.8	1719.2	1723.6	1728.0	1732.4	1736.8	1741.2	1745.6	1750.0	1754.4	1758.8	1763.2	1767.6	1772.0	1776.4	1780.8	1785.2	1789.6	1794.0	1798.4	1802.8	1807.2	1811.6	1816.0	1820.4	1824.8	1829.2	1833.6	1838.0	1842.4	1846.8	1851.2	1855.6	1860.0	1864.4	1868.8	1873.2	1877.6	1882.0	1886.4	1890.8	1895.2	1899.6	1904.0	1908.4	1912.8	1917.2	1921.6	1926.0	1930.4	1934.8	1939.2	1943.6	1948.0	1952.4	1956.8	1961.2	1965.6	1970.0	1974.4	1978.8	1983.2	1987.6	1992.0	1996.4	2000.8	2005.2	2009.6	2014.0	2018.4	2022.8	2027.2	2031.6	2036.0	2040.4	2044.8	2049.2	2053.6	2058.0	2062.4	2066.8	2071.2	2075.6	2080.0	2084.4	2088.8	2093.2	2097.6	2102.0	2106.4	2110.8	2115.2	2119.6	2124.0	2128.4	2132.8	2137.2	2141.6	2146.0	2150.4	2154.8	2159.2	2163.6	2168.0	2172.4	2176.8	2181.2	2185.6	2190.0	2194.4	2198.8	2203.2	2207.6	2212.0	2216.4	2220.8	2225.2	2229.6	2234.0	2238.4	2242.8	2247.2	2251.6	2256.0	2260.4	2264.8	2269.2	2273.6	2278.0	2282.4	2286.8	2291.2	2295.6	2300.0	2304.4	2308.8	2313.2	2317.6	2322.0	2326.4	2330.8	2335.2	2339.6	2344.0	2348.4	2352.8	2357.2	2361.6	2366.0	2370.4	2374.8	2379.2	2383.6	2388.0	2392.4	2396.8	2401.2	2405.6	2410.0	2414.4	2418.8	2423.2	2427.6	2432.0	2436.4	2440.8	2445.2	2449.6	2454.0	2458.4	2462.8	2467.2	2471.6	2476.0	2480.4	2484.8	2489.2	2493.6	2498.0	2502.4	2506.8	2511.2	2515.6	2520.0	2524.4	2528.8	2533.2	2537.6	2542.0	2546.4	2550.8	2555.2	2559.6	2564.0	2568.4	2572.8	2577.2	2581.6	2586.0	2590.4	2594.8	2599.2	2603.6	2608.0	2612.4	2616.8	2621.2	2625.6	2630.0	2634.4	2638.8	2643.2	2647.6	2652.0	2656.4	2660.8	2665.2	2669.6	2674.0	2678.4	2682.8	2687.2	2691.6	2696.0	2700.4	2704.8	2709.2	2713.6	2718.0	2722.4	2726.8	2731.2	2735.6	2740.0	2744.4	2748.8	2753.2	2757.6	2762.0	2766.4	2770.8	2775.2	2779.6	2784.0	2788.4	2792.8	2797.2	2801.6	2806.0	2810.4	2814.8	2819.2	2823.6	2828.0	2832.4	2836.8	2841.2	2845.6	2850.0	2854.4	2858.8	2863.2	2867.6	2872.0	2876.4	2880.8	2885.2	2889.6	2894.0	2898.4	2902.8	2907.2	2911.6	2916.0	2920.4	2924.8	2929.2	2933.6	2938.0	2942.4	2946.8	2951.2	2955.6	2960.0	2964.4	2968.8	2973.2	2977.6	2982.0	2986.4	2990.8	2995.2	2999.6	3004.0	3008.4	3012.8	3017.2	3021.6	3026.0	3030.4	3034.8	3039.2	3043.6	3048.0	3052.4	3056.8	3061.2	3065.6	3070.0	3074.4	3078.8	3083.2	3087.6	3092.0	3096.4	3100.8	3105.2	3109.6	3114.0	3118.4	3122.8	3127.2	3131.6	3136.0	3140.4	3144.8	3149.2	3153.6	3158.0	3162.4	3166.8	3171.2	3175.6	3180.0	3184.4	3188.8	3193.2	3197.6	3202.0	3206.4	3210.8	3215.2	3219.6	3224.0	3228.4	3232.8	3237.2	3241.6	3246.0	3250.4	3254.8	3259.2	3263.6	3268.0	3272.4	3276.8	3281.2	3285.6	3290.0	3294.4	3298.8	3303.2	3307.6	3312.0	3316.4	3320.8	3325.2	3329.6	3334.0	3338.4	3342.8	3347.2	3351.6	3356.0	3360.4	3364.8	3369.2	3373.6	3378.0	3382.4	3386.8	3391.2	3395.6	3400.0	3404.4	3408.8	3413.2	3417.6	3422.0	3426.4	3430.8	3435.2	3439.6	3444.0	3448.4	3452.8	3457.2	3461.6	3466.0	3470.4	3474.8	3479.2	3483.6	3488.0	3492.4	3496.8	3501.2	3505.6	3510.0	3514.4	3518.8	3523.2	3527.6	3532.0	3536.4	3540.8	3545.2	3549.6	3554.0	3558.4	3562.8	3567.2	3571.6	3576.0	3580.4	3584.8	3589.2	3593.6	3598.0	3602.4	3606.8	3611.2	3615.6	3620.0	3624.4	3628.8	3633.2	3637.6	3642.0	3646.4	3650.8	3655.2	3659.6	3664.0	3668.4	3672.8	3677.2	3681.6	3686.0	3690.4	3694.8	3699.2	3703.6	3708.0	3712.4	3716.8	3721.2	3725.6	3730.0	3734.4	3738.8	3743.2	3747.6	3752.0	3756.4	3760.8	3765.2	3769.6	3774.0	3778.4	3782.8	3787.2	3791.6	3796.0	3800.4	3804.8	3809.2	3813.6	3818.0	3822.4	3826.8	3831.2	3835.6	3840.0	3844.4	3848.8	3853.2	3857.6	3862.0	3866.4	3870.8	3875.2	3879.6	3884.0	3888.4	3892.8	3897.2	3901.6	3906.0	3910.4	3914.8	3919.2	3923.6	3928.0	3932.4	3936.8	3941.2	3945.6	3950.0	3954.4	3958.8	3963.2	3967.6	3972.0	3976.4	3980.8	3985.2	3989.6	3994.0	3998.4	4002.8	4007.2	4011.6	4016.0	4020.4	4024.8	4029.2	4033.6	4038.0	4042.4	4046.8	4051.2	4055.6	4060.0	4064.4	4068.8	4073.2	4077.6	4082.0	4086.4	4090.8	4095.2	4099.6	4104.0	4108.4	4112.8	4117.2	4121.6	4126.0	4130.4	4134.8	4139.2	4143.6	4148.0	4152.4	4156.8	4161.2	4165.6	4170.0	4174.4	4178.8	4183.2	4187.6	4192.0	4196.4	4200.8	4205.2	4209.6	4214.0	4218.4	4222.8	4227.2	4231.6	4236.0	4240.4	4244.8	4249.2	4253.6	4258.0	4262.4	4266.8	4271.2	4275.6	4280.0	4284.4	4288.8	4293.2	4297.6	4302.0	4306.4	4310.8	4315.2	4319.6	4324.0	4328.4	4332.8	4337.2	4341.6	4346.0	4350.4	4354.8	4359.2	4363.6	4368.0	4372.4	4376.8	4381.2	4385.6	4390.0	4394.4	4398.8	4403.2	4407.6	4412.0	4416.4	4420.8	4425.2	4429.6	4434.0	4438.4	4442.8	4447.2	4451.6	4456.0	4460.4	4464.8	4469.2	4473.6	4478.0	4482.4	4486.8	4491.2	4495.6	4500.0	4504.4	4508.8	4513.2	4517.6	4522.0	4526.4	4530.8	4535.2	4539.6	4544.0	4548.4	4552.8	4557.2	4561.6	4566.0	4570.4	4574.8	4579.2	4583.6	4588.0	4592.4	4596.8	4601.2	4605.6	4610.0	4614.4	4618.8	4623.2	4627.6	4632.0	4636.4	4640.8	4645.2	4649.6	4654.0	4658.4	4662.8	4667.2	4671.6	4676.0	4680.4	4684.8	4689.2	4693.6	4698.0	4702.4	4706.8	4711.2	4715.6	4720.0	4724.4	4728.8	4733.2	4737.6	4742.0	4746.4	4750.8	4755.2	4759.6	4764.0	4768.4	4772.8	4777.2	4781.6	4786.0	4790.4	4794.8	4799.2	4803.6	4808.0	4812.4	4816.8	4821.2	4825.6	4830.0	4834.4	4838.8	4843.2	4847.6	4852.0	4856.4	4860.8	4865.2	4869.6	4874.0	4878.4	4882.8	4887.2	4891.6	4896.0	4900.4	4904.8	4909.2	4913.6	4918.0	4922.4	4926.8	4931.2	4935.6	4940.0	4944.4	4948.8	4953.2	4957.6	4962.0

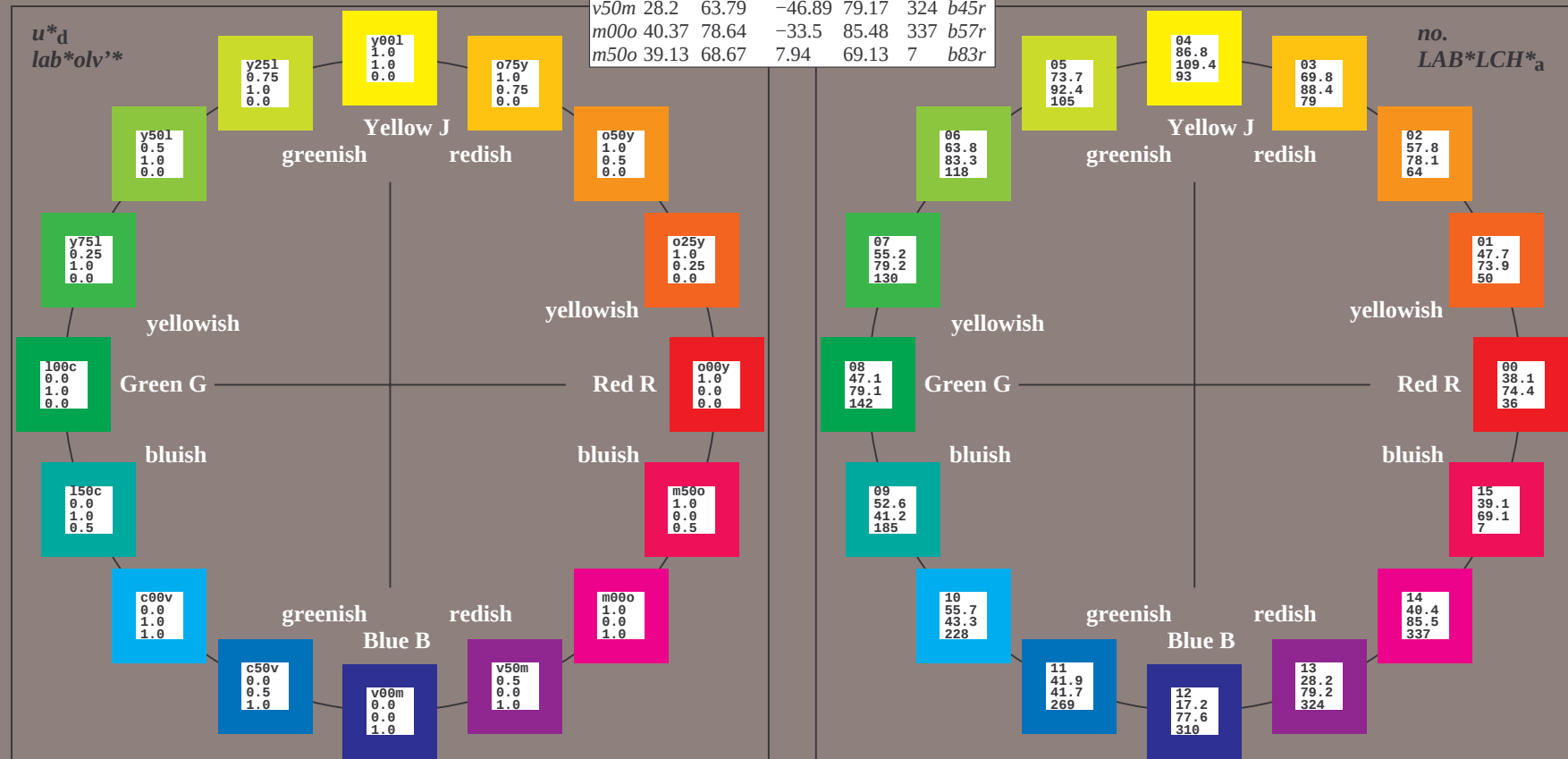
Input and output:
 Colorimetric Printer Reflective System FRS12_95a
 data for any colour:
 u^*_d and number *no.* = 00 .. 15
 device hue text:
 u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
 contrast reduction factor:
 $c_R = 1.0$

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>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



%Gamut
 $u^*_{rel} = 109$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS12_95a; CIELAB data					
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	38.06	60.53	36.66	70.77	31
Y _M	86.77	-4.5	100.15	100.25	93
L _M	47.13	-62.11	40.56	74.18	147
C _M	55.66	-28.56	-39.99	49.14	234
V _M	17.15	50.78	-65.6	82.96	308
M _M	40.37	79.18	-40.93	89.13	333
N _M	11.58	0.46	-6.35	6.37	274
W _M	95.02	0.69	-9.48	9.51	274
O _{CIE}	39.92	58.74	27.99	65.07	25
Y _{CIE}	81.26	-2.89	71.56	71.62	92
L _{CIE}	52.23	-42.42	13.6	44.55	162
V _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

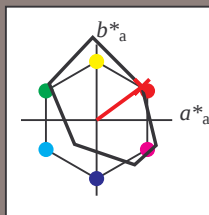
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 38 60 44

$LAB^*LCH^*_{Ma}$: 38 74 36

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

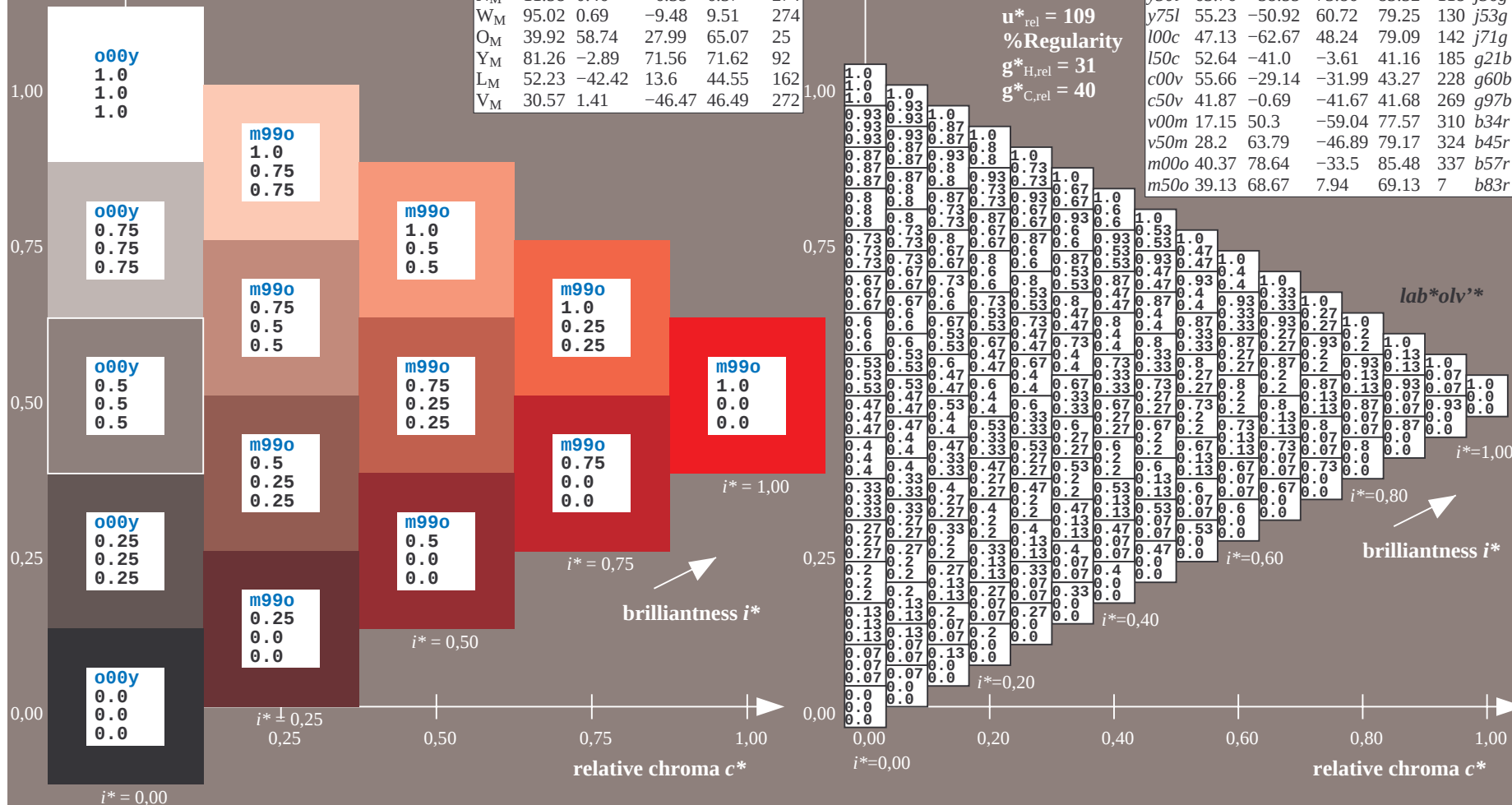
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

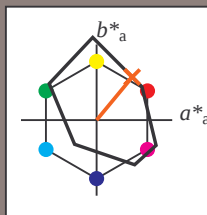
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 48 47 57

$LAB^*LCH^*_{Ma}$: 48 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

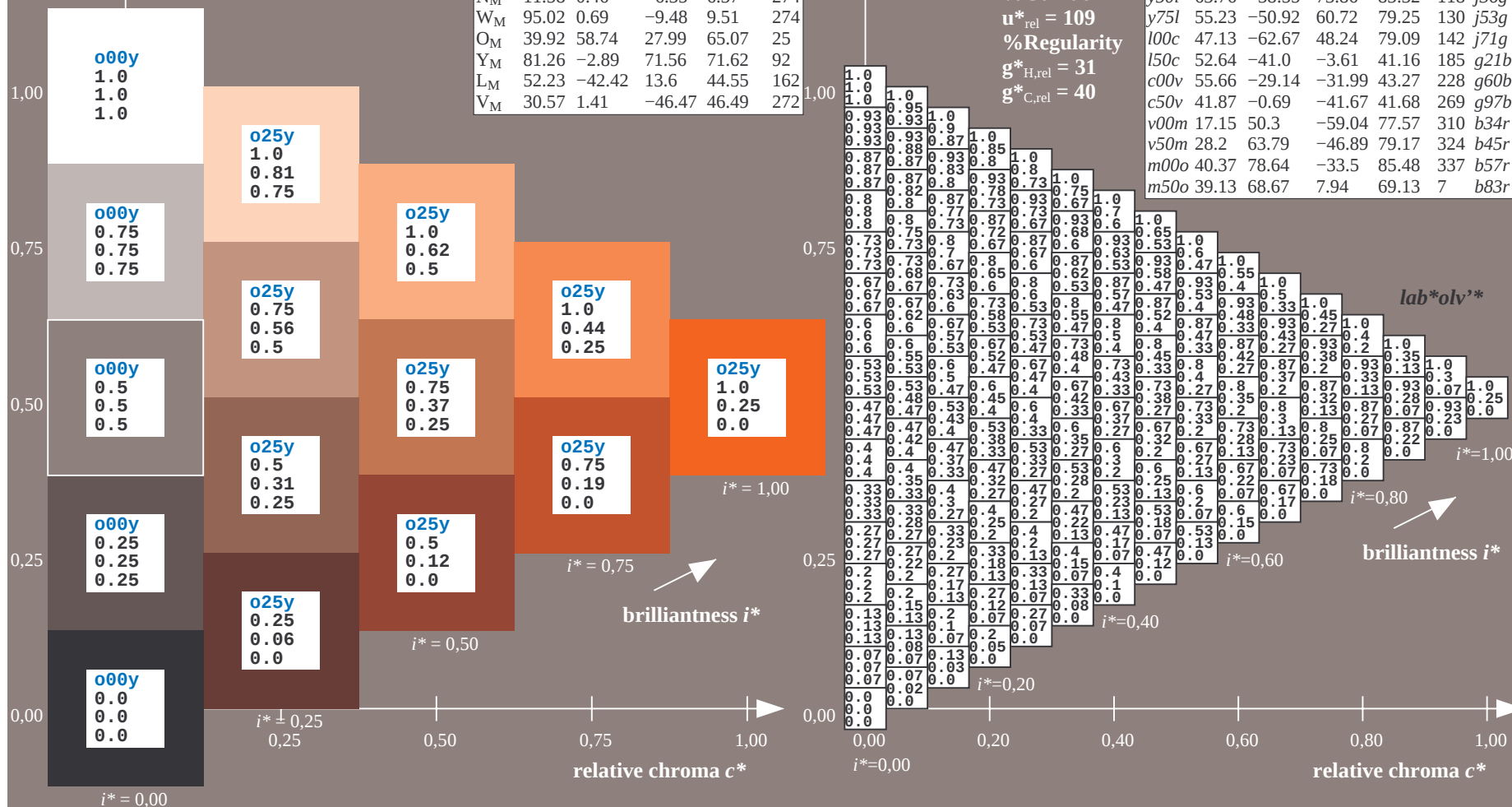
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

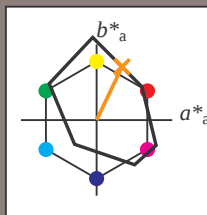
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 58 34 70

$LAB^*LCH^*_{Ma}$: 58 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

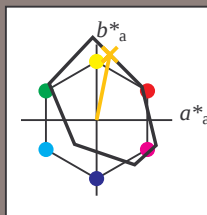
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 70 17 87

$LAB^*LCH^*_{Ma}$: 70 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

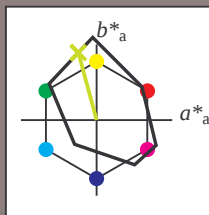
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 74 -24 89

$LAB^*LCH^*_{Ma}$: 74 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

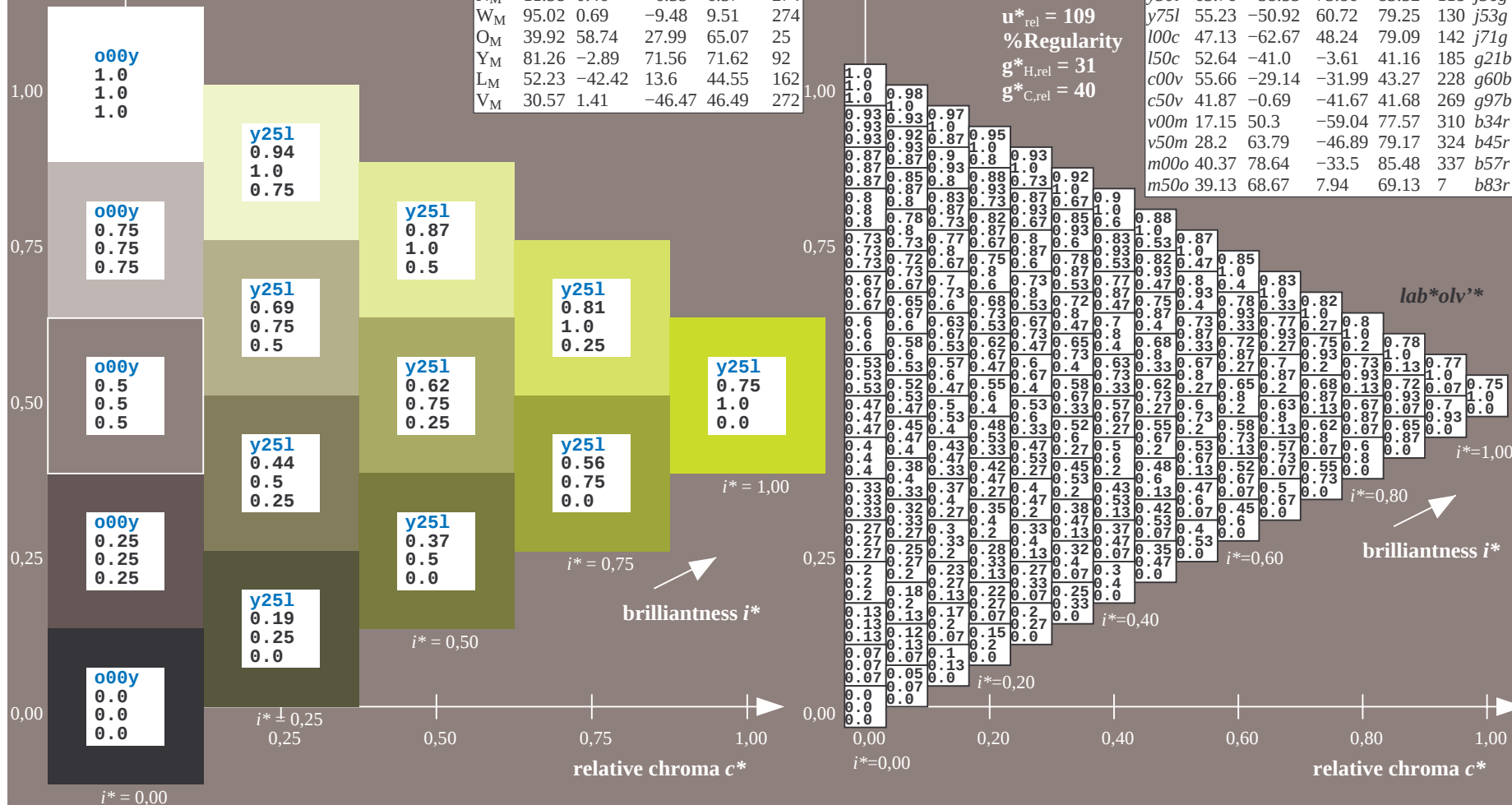
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

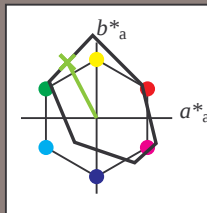
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 64 -39 74

$LAB^*LCH^*_{Ma}$: 64 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

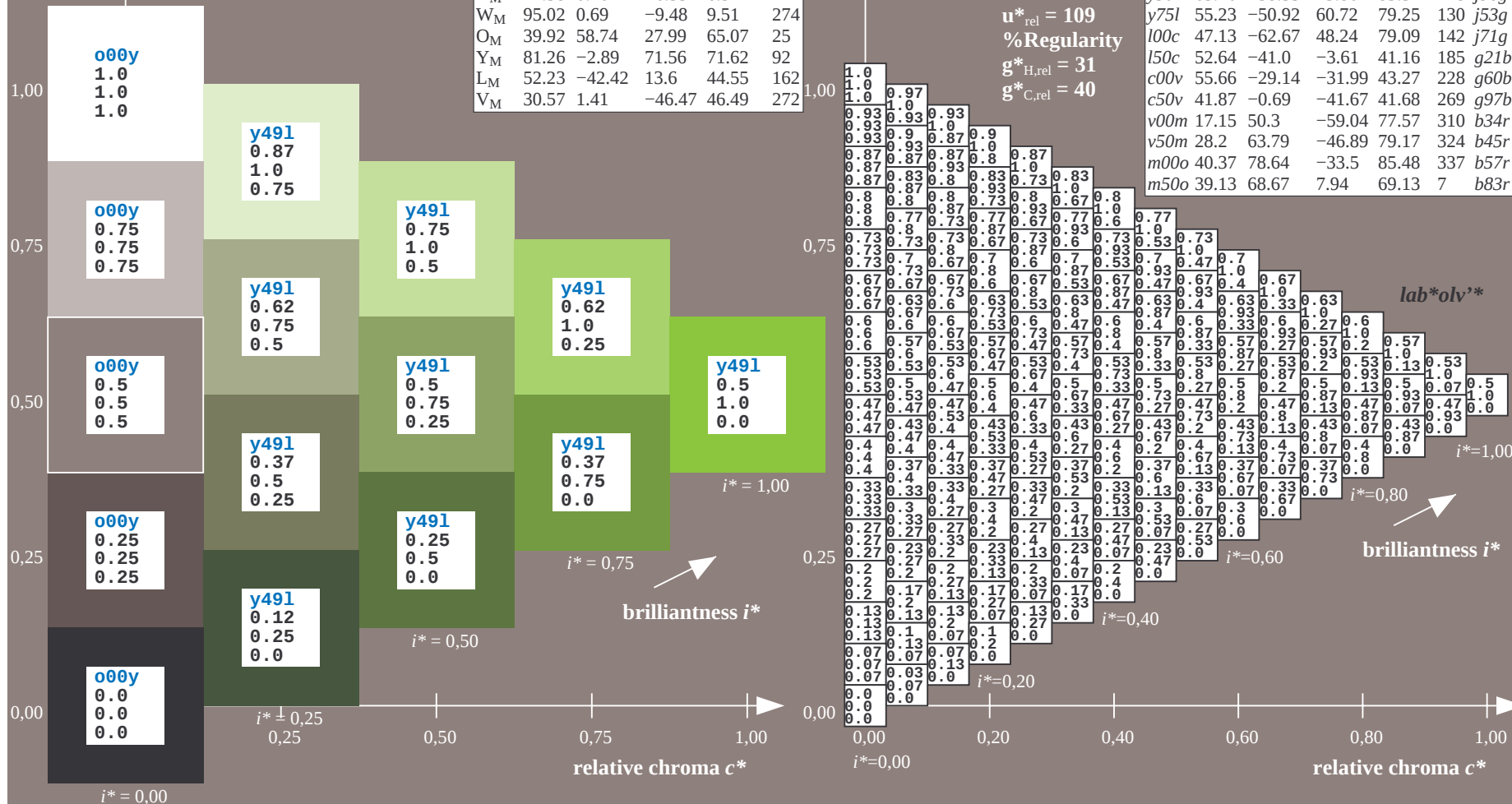
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

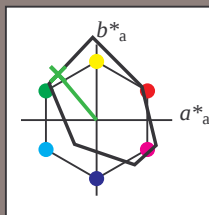
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 55 -51 61

$LAB^*LCH^*_{Ma}$: 55 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

brilliantness i^*

$i^*=0.75$

$i^*=0.50$

$i^*=0.25$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

$u^*_d = 100c$

lab^*olv^*

data for any colour:

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

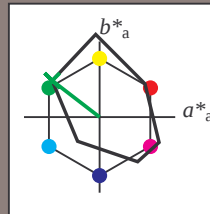
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 47 -63 48

$LAB^*LCH^*_{Ma}$: 47 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

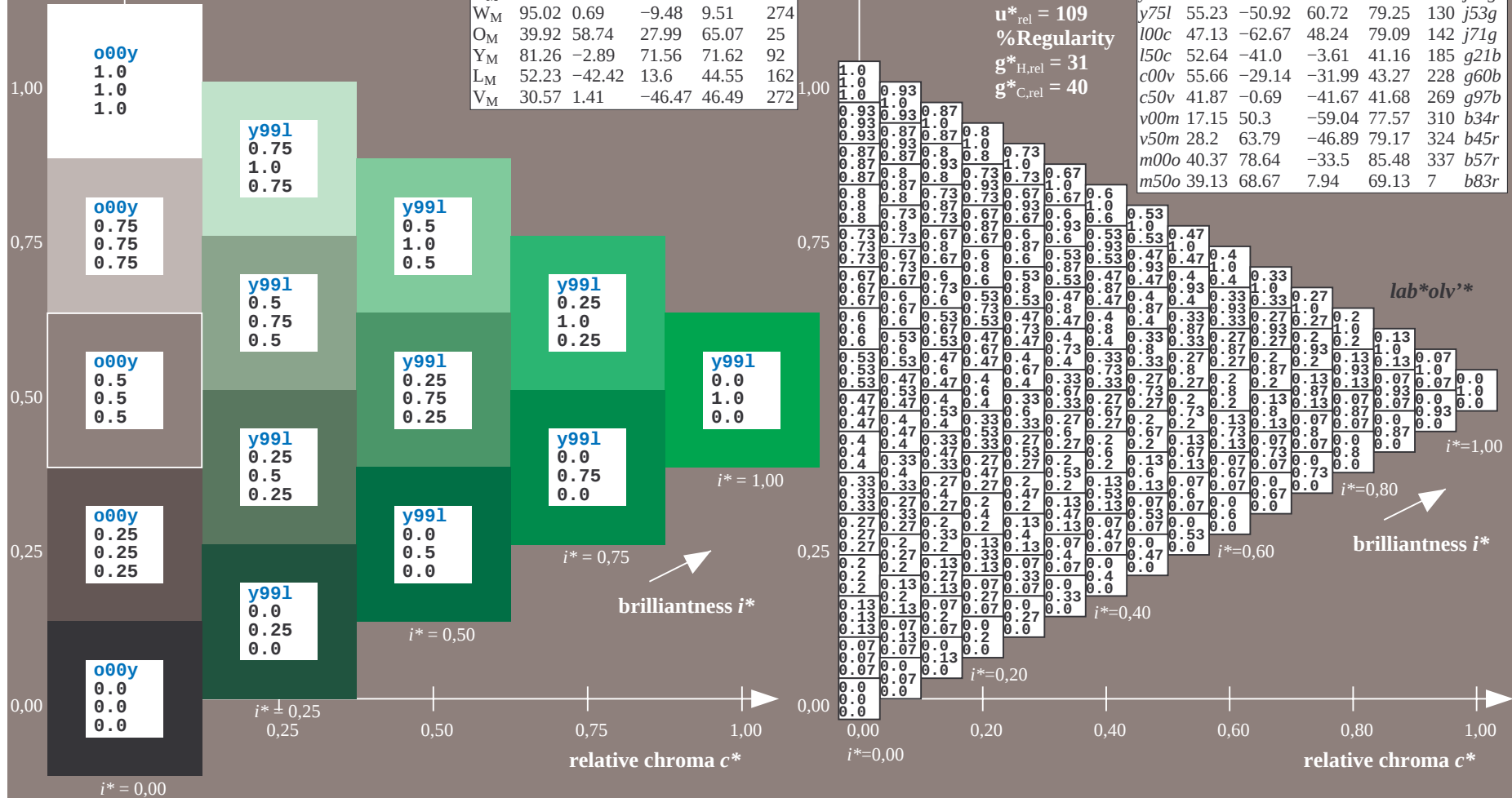
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

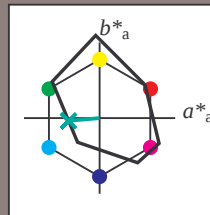
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 53 -41 -4

$LAB^*LCH^*_{Ma}$: 53 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

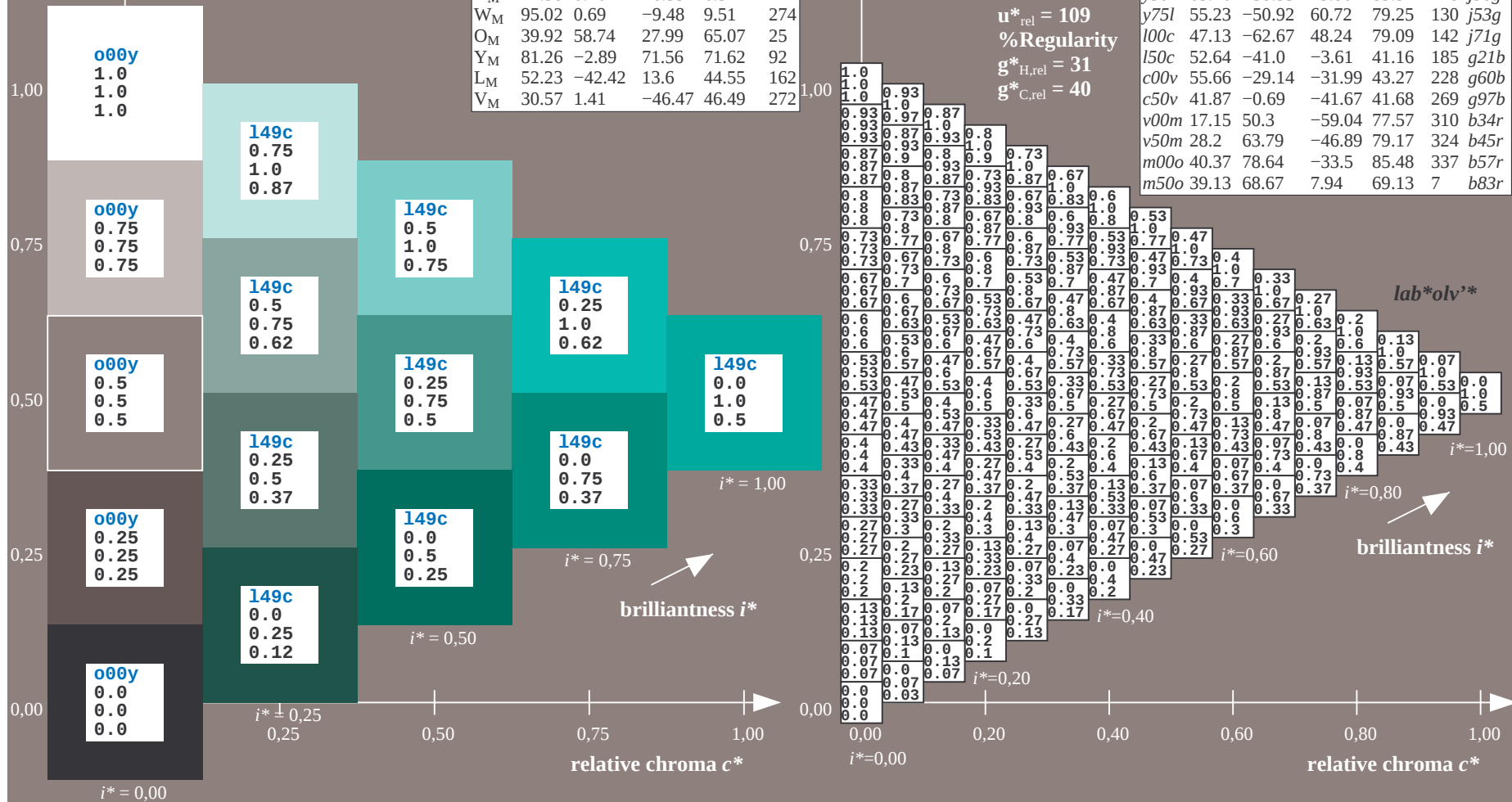
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

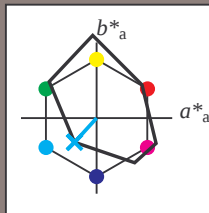
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 56 -29 -32

$LAB^*LCH^*_{Ma}$: 56 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

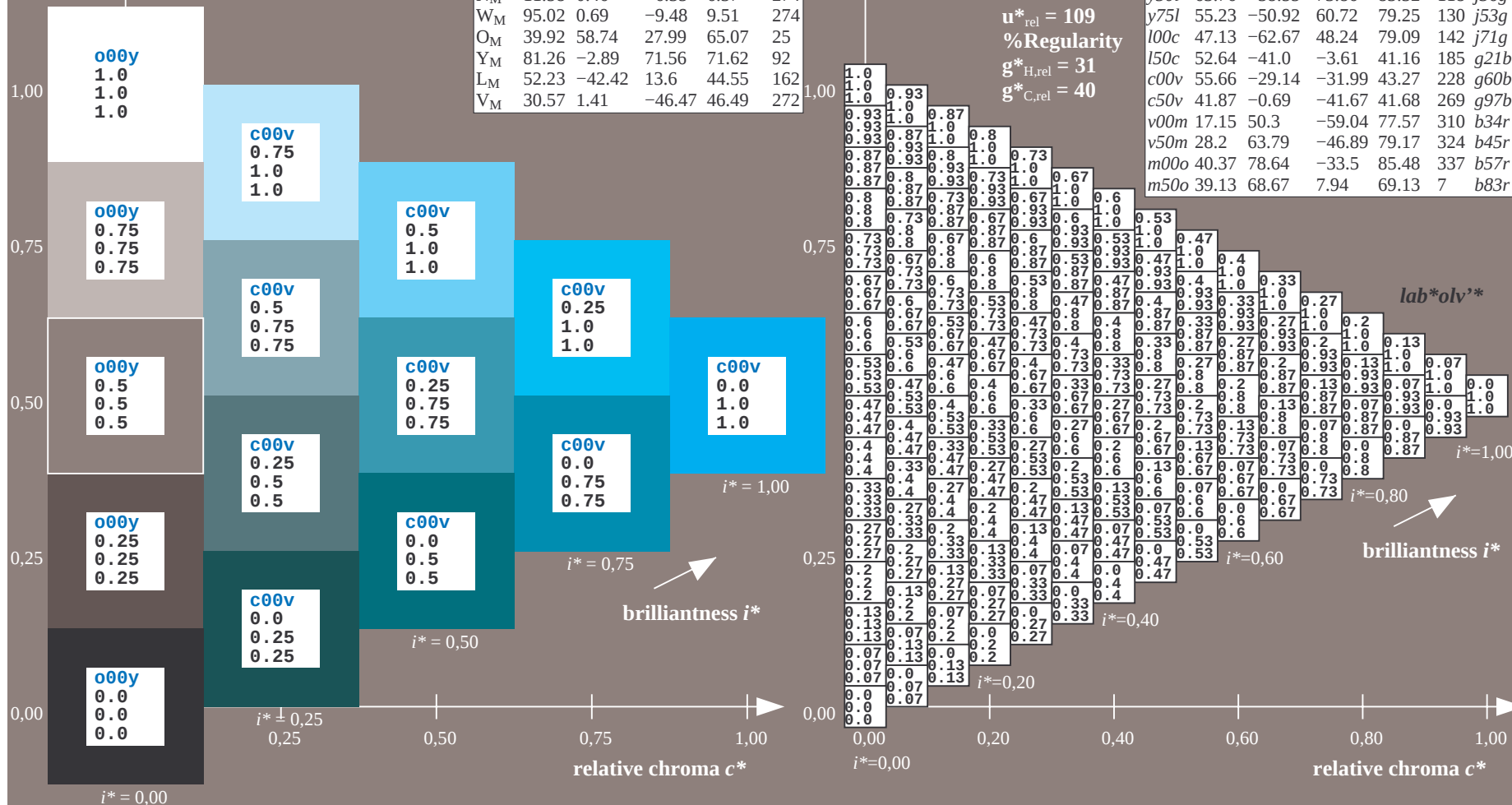
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

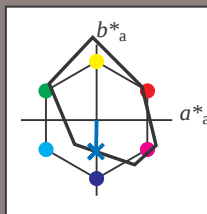
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 42 -1 -42

$LAB^*LCH^*_{Ma}$: 42 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

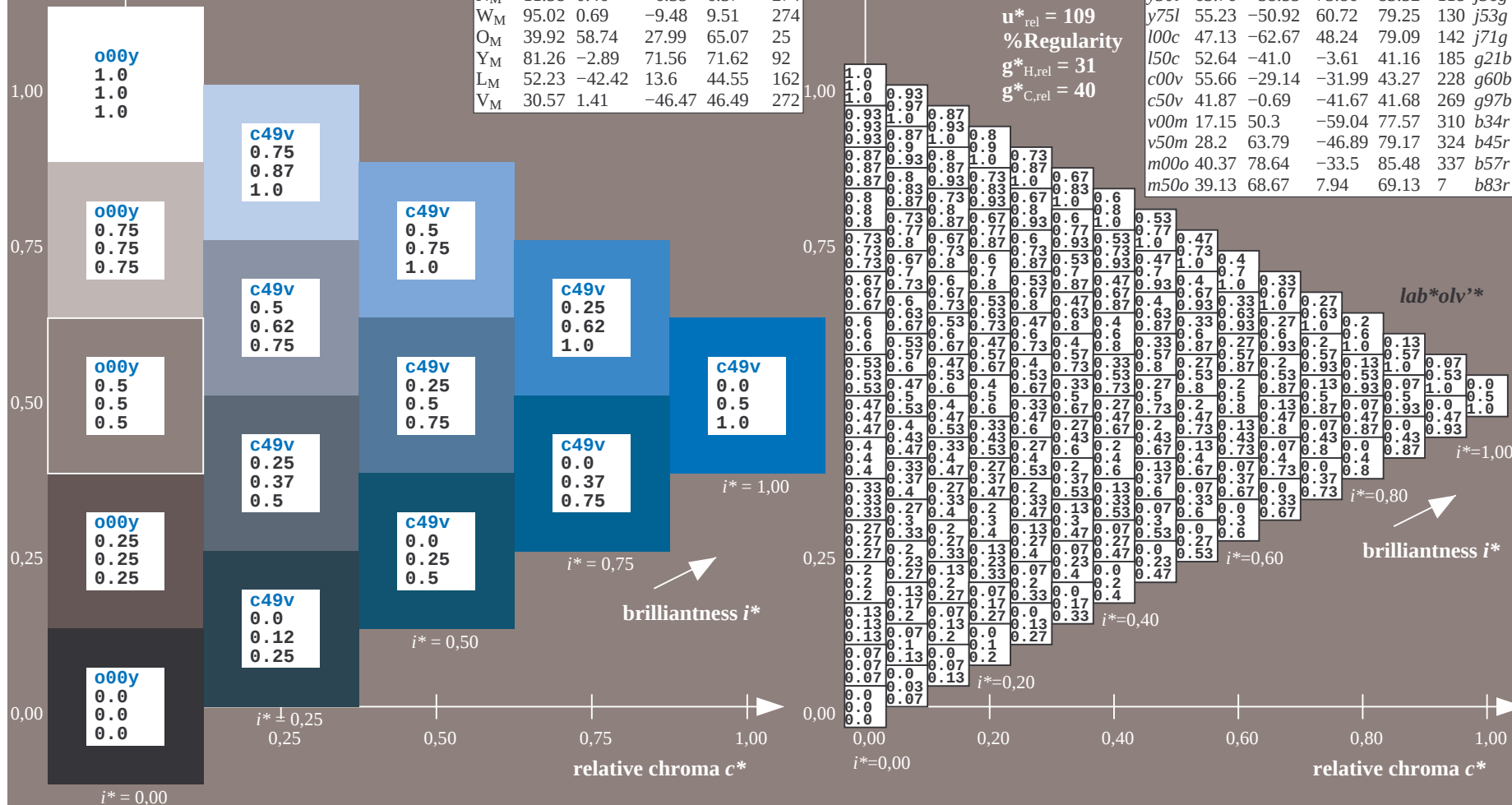
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

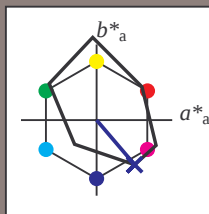
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 17 50 -59

$LAB^*LCH^*_{Ma}$: 17 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

$u^*_d = v00m$

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, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

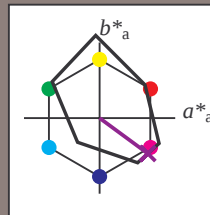
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 28 64 -47

$LAB^*LCH^*_{Ma}$: 28 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

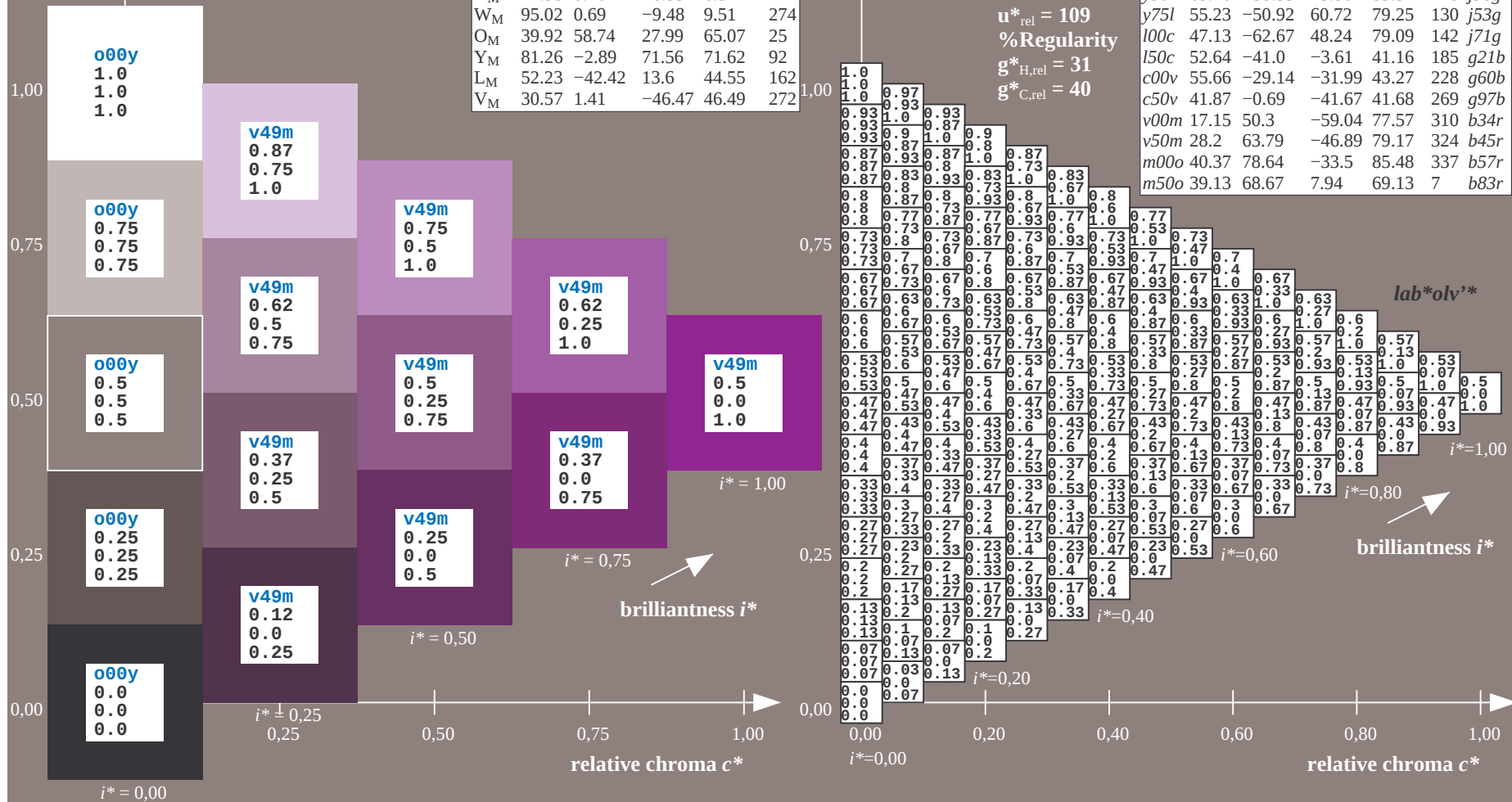
% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

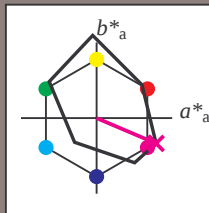
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 40 79 -34

$LAB^*LCH^*_{Ma}$: 40 85 336

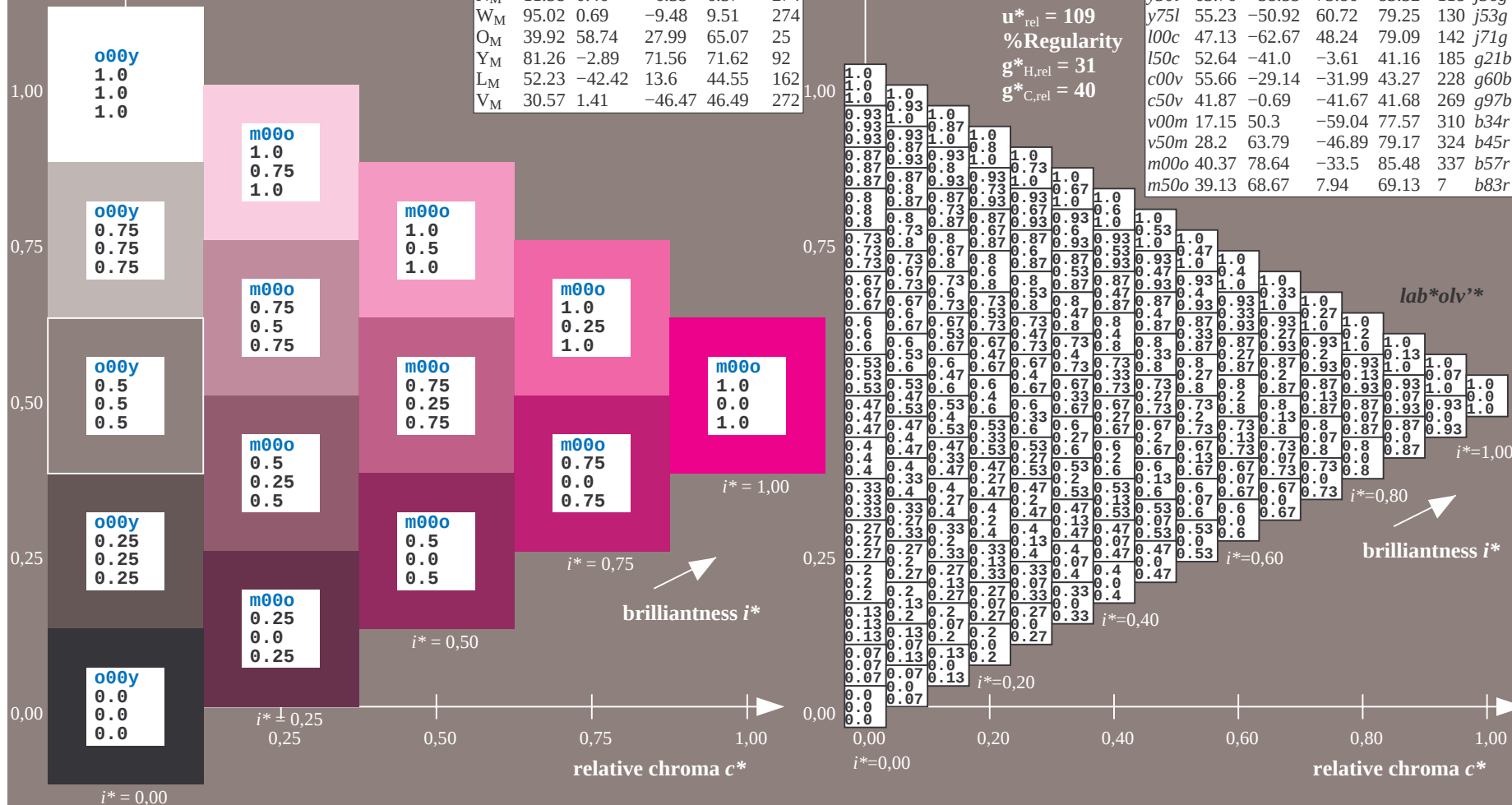
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

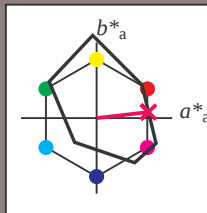
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 39 69 8

$LAB^*LCH^*_{Ma}$: 39 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

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^*

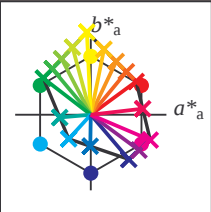
relative chroma c^*

$i^* = 0.00$

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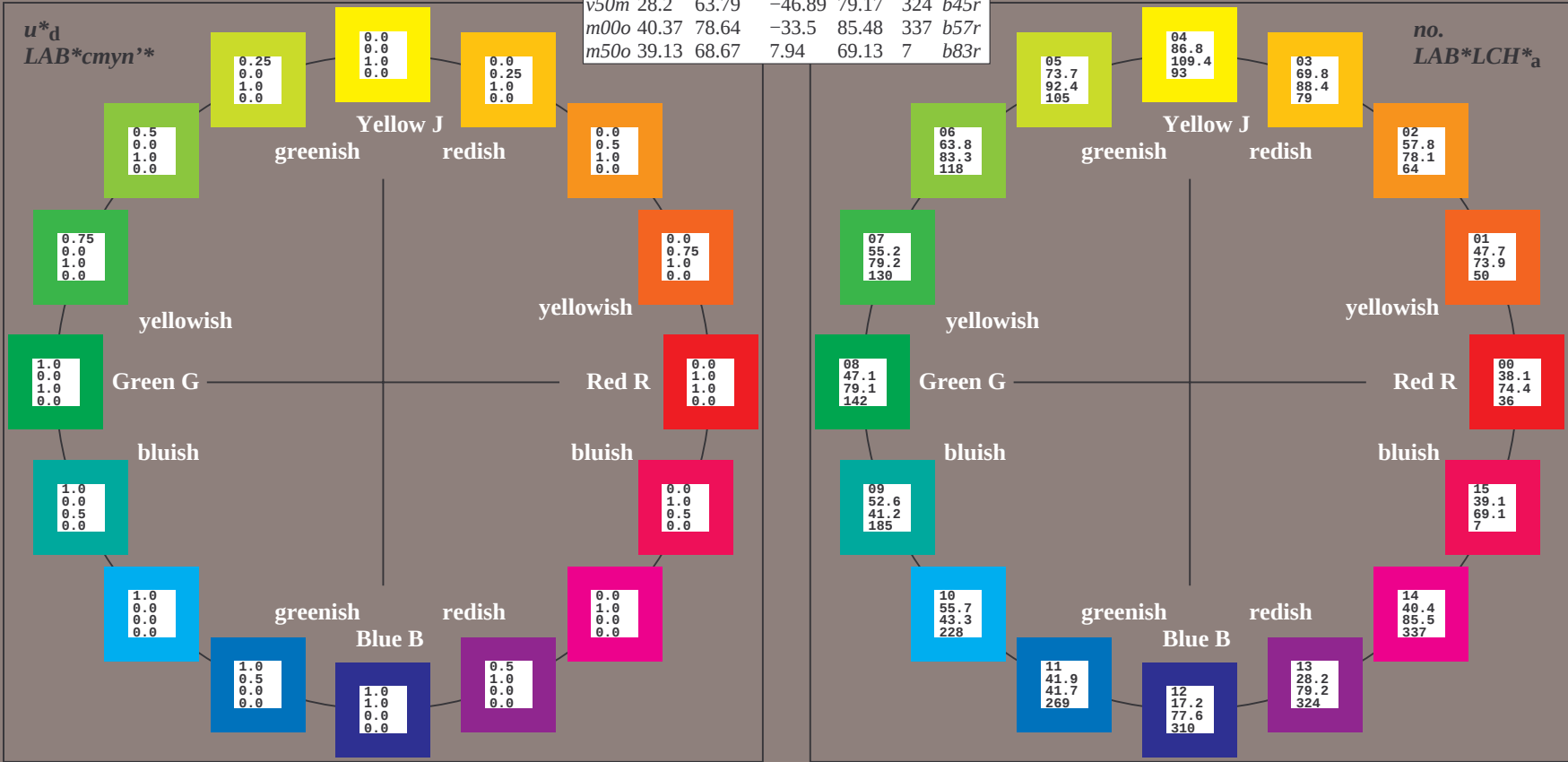
Input and output:
Colorimetric Printer Reflective System FRS12_95a
data for any colour:
 u^*_d and number $no.$ = 00 .. 15
device hue text:
 $u^*_d = 16$ hues $o00y, o25y, \dots, m50o$
contrast reduction factor:
 $c_R = 1.0$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$	



%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS12_95a; CIELAB data					
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	274
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

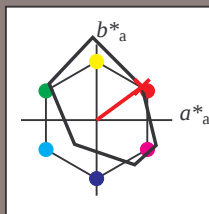
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_Ma$: 38 60 44

$LAB^*LCH^*_Ma$: 38 74 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
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

$LAB^*cmy^n^*$

$i^*=1.00$

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, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

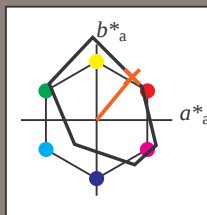
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 48 47 57

$LAB^*LCH^*_{Ma}$: 48 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

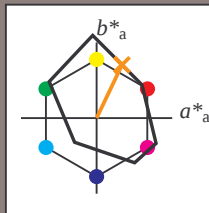
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 58 34 70

$LAB^*LCH^*_{Ma}$: 58 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

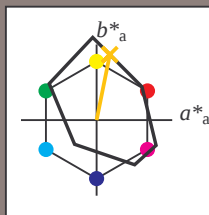
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 70 17 87

$LAB^*LCH^*_{Ma}$: 70 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

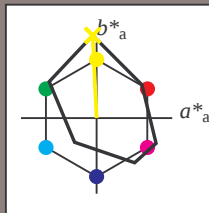
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 87 -5 109

$LAB^*LCH^*_{Ma}$: 87 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

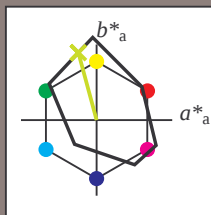
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_Ma: 74 -24 89$

$LAB^*LCH^*_Ma: 74 92 105$

$lab^*olv^*_Ma: 0.75 1.0 0.0$

$lab^*rgb^*_Ma: 0.82 1.0 0.0$

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
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

$u^*_d = y25l$

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^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

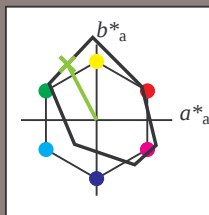
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 64 -39 74

$LAB^*LCH^*_{Ma}$: 64 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

$i^* = 0.00$

$i^* \pm 0.25$

0.50

0.75

1.00

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

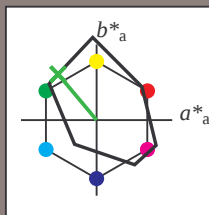
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 55 -51 61

$LAB^*LCH^*_{Ma}$: 55 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

$i^* = 0.00$

$i^* \pm 0.25$

$i^* = 0.50$

$i^* = 0.75$

$i^* = 1.00$

brilliantness i^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

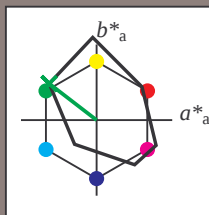
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 47 -63 48

$LAB^*LCH^*_{Ma}$: 47 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

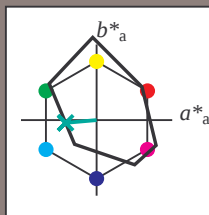
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 53 -41 -4

$LAB^*LCH^*_{Ma}$: 53 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12.95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

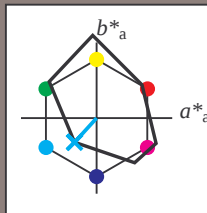
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 56 -29 -32

$LAB^*LCH^*_{Ma}$: 56 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

$i^*=0.00$

$i^* \pm 0.25$

0.50

0.75

1.00

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12.95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

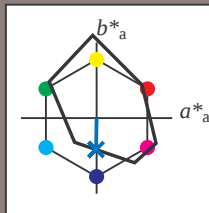
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 42 -1 -42

$LAB^*LCH^*_{Ma}$: 42 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

LAB^*cmyn^*

$i^*=1.00$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

brilliantness i^*

$i^* = 0.50$

$i^* = 0.75$

$i^* = 1.00$

1,00

0,75

0,50

0,25

0,00

$i^* = 0.00$

$i^* \pm 0.25$
0,25

0,50

0,75

1,00

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

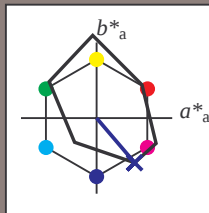
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 17 50 -59

$LAB^*LCH^*_{Ma}$: 17 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

$i^*=0.00$

$i^* \pm 0.25$

$i^*=0.50$

$i^*=0.75$

$i^*=1.00$

brilliantness i^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

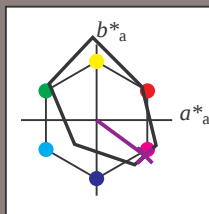
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

	u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31	
Y_M	86.77	-4.5	100.15	100.25	93	
L_M	47.13	-62.11	40.56	74.18	147	
C_M	55.66	-28.56	-39.99	49.14	234	
V_M	17.15	50.78	-65.6	82.96	308	
M_M	40.37	79.18	-40.93	89.13	333	
N_M	11.58	0.46	-6.35	6.37	274	
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 28 64 -47

$LAB^*LCH^*_{Ma}$: 28 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

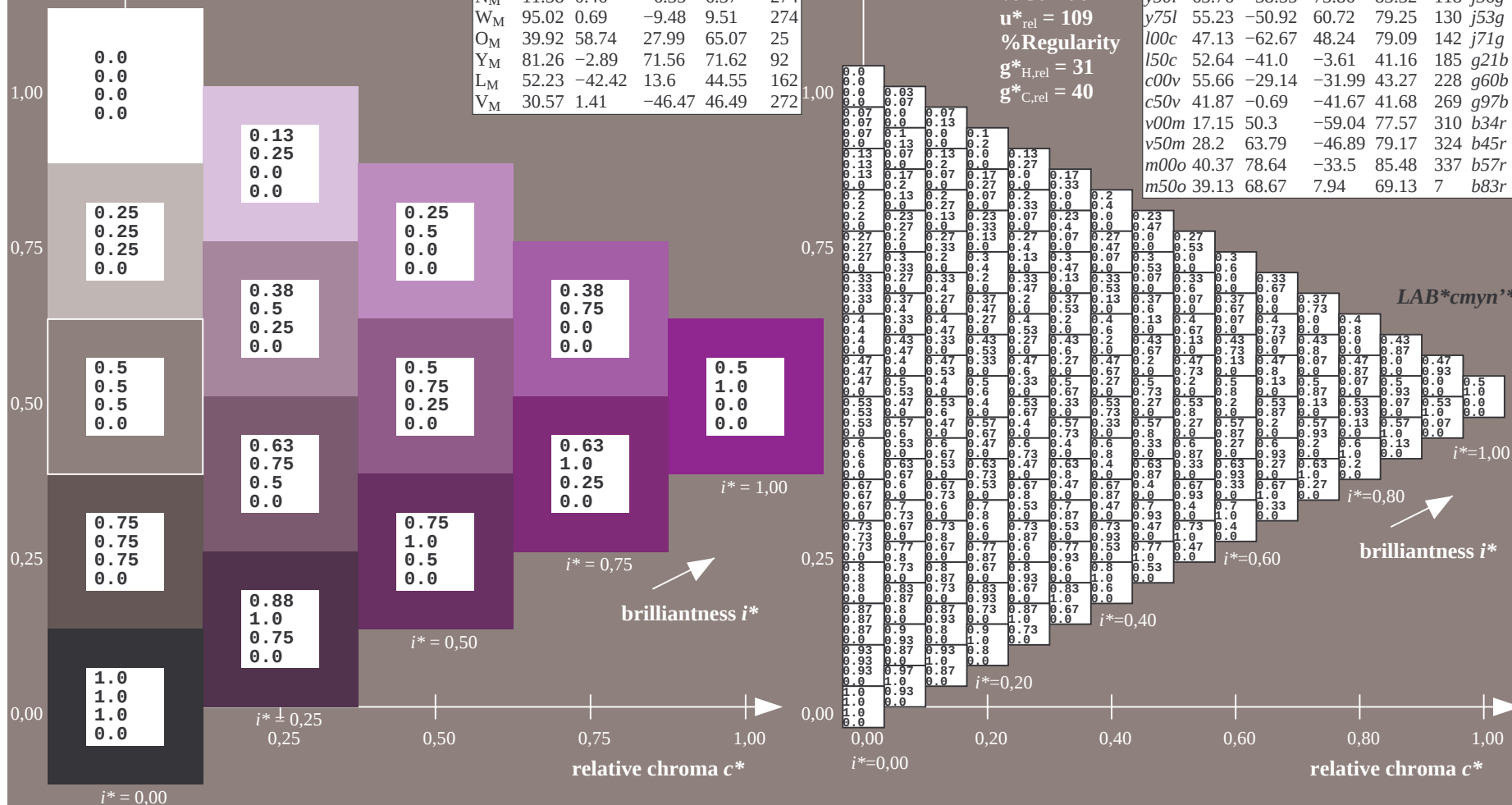
FRS12_95a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36		$r16j$
$o25y$	47.68	47.13	56.9	73.88	50		$r37j$
$o50y$	57.77	33.62	70.44	78.05	64		$r58j$
$o75y$	69.84	17.48	86.62	88.37	79		$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93		$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105		$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118		$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130		$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142		$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185		$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228		$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269		$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310		$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324		$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337		$b57r$
$m50o$	39.13	68.67	7.94	69.13	7		$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

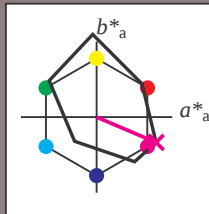
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 40 79 -34

$LAB^*LCH^*_{Ma}$: 40 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=12_95$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

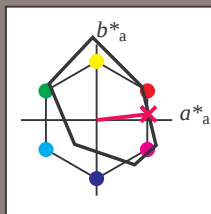
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.06	60.53	36.66	70.77	31
Y_M	86.77	-4.5	100.15	100.25	93
L_M	47.13	-62.11	40.56	74.18	147
C_M	55.66	-28.56	-39.99	49.14	234
V_M	17.15	50.78	-65.6	82.96	308
M_M	40.37	79.18	-40.93	89.13	333
N_M	11.58	0.46	-6.35	6.37	274
W_M	95.02	0.69	-9.48	9.51	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):

$LAB^*LAB^*_{Ma}$: 39 69 8

$LAB^*LCH^*_{Ma}$: 39 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	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^*

$i^*=0.00$

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*cmyn'	*
01	00																																						