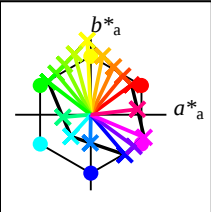


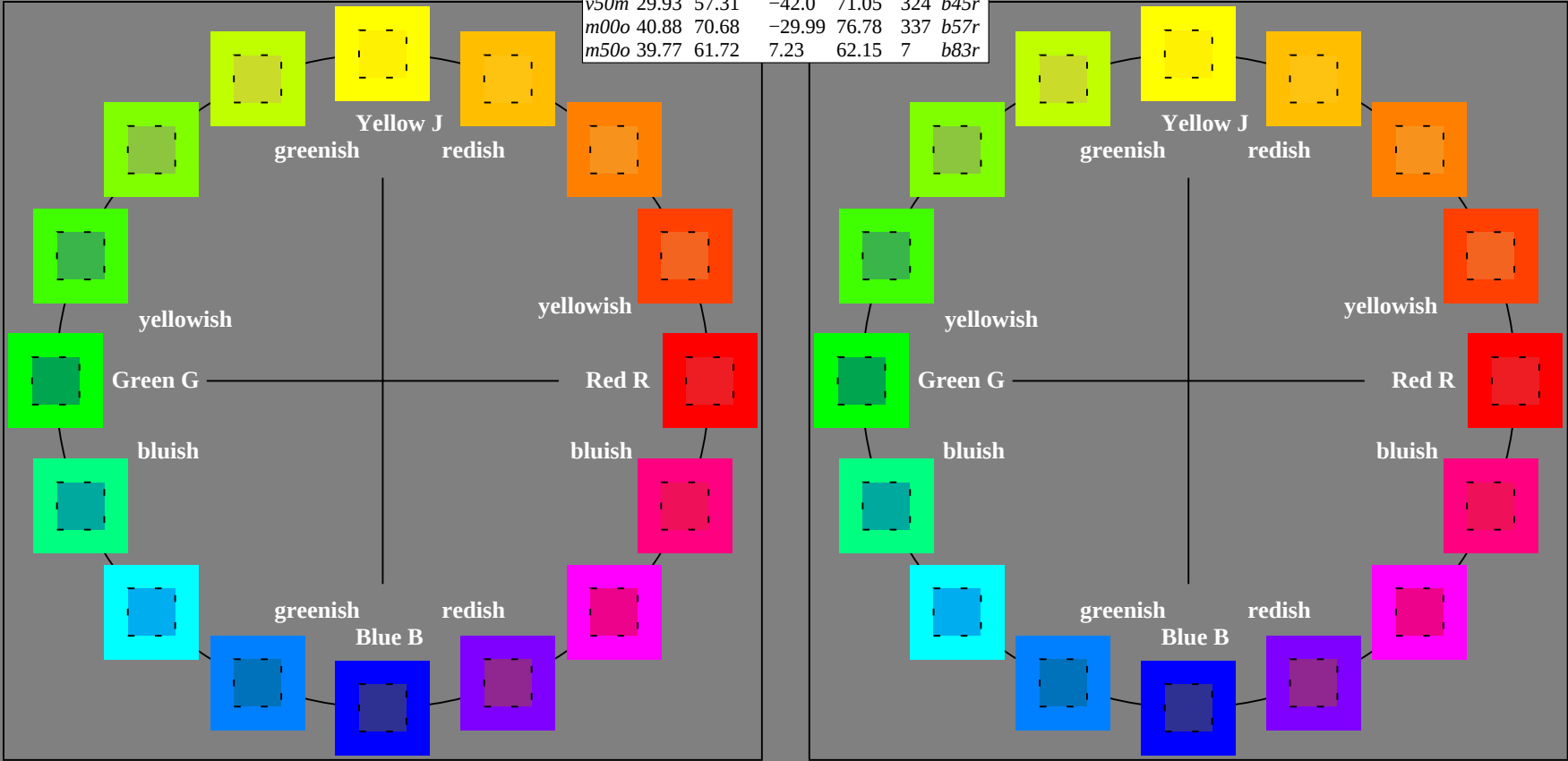
Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
 u^*_d and number $no.$ = 00 .. 15
device hue text:
 u^*_d = 16 hues $o00y, o25y, \dots, m50o$
contrast reduction factor:
 $c_R = 0.9$

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	



%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	38.8	53.92	39.68	66.95	36
Y_{Ma}	82.58	-4.64	98.22	98.33	93
L_{Ma}	46.95	-56.34	43.46	71.15	142
C_{Ma}	54.62	-26.2	-28.68	38.85	228
V_{Ma}	20.01	45.2	-52.87	69.56	311
M_{Ma}	40.88	70.68	-29.99	76.78	337
N_{Ma}	15.0	0.0	0.0	0.0	0
W_{Ma}	90.0	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$
data for any colour:

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

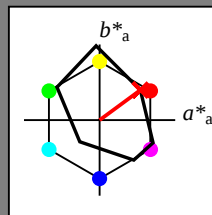
Hue texts:

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

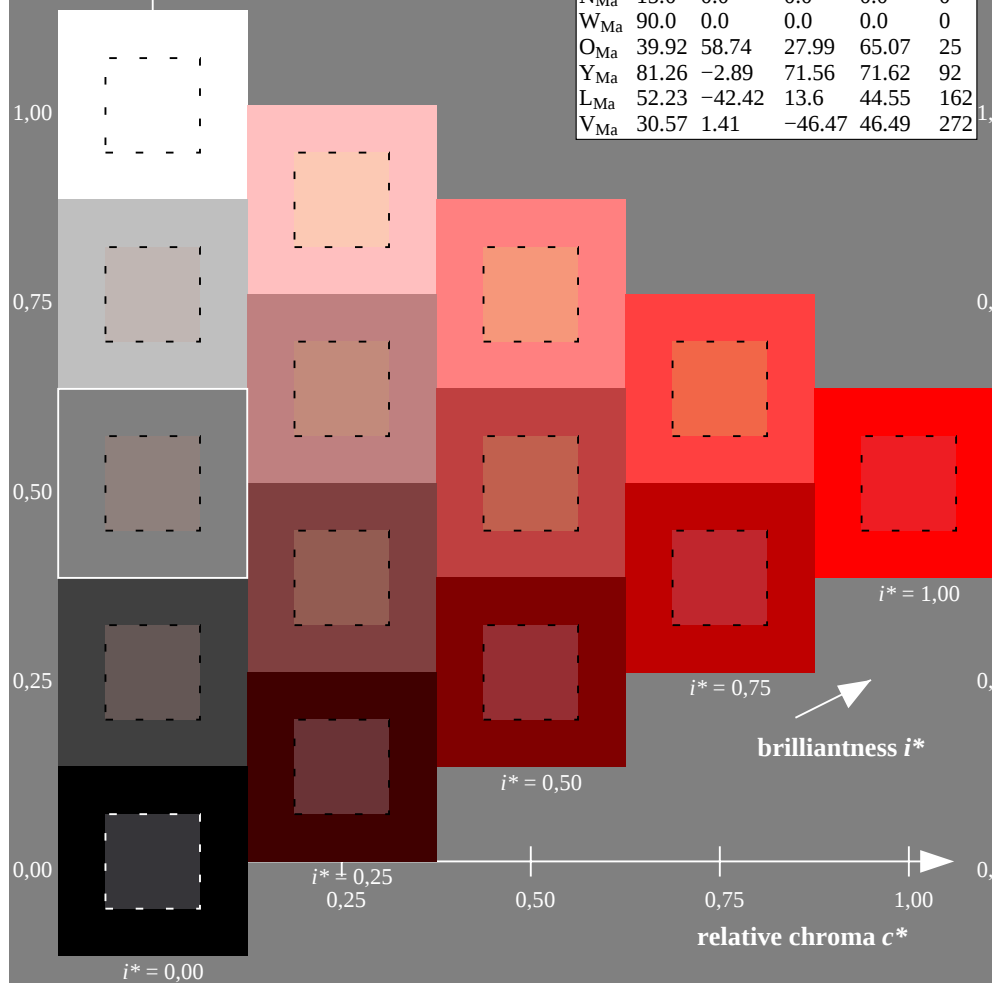
contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 54 40

$LAB^*LCH^*_{Ma}$: 39 67 36

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

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

triangle lightness t^*

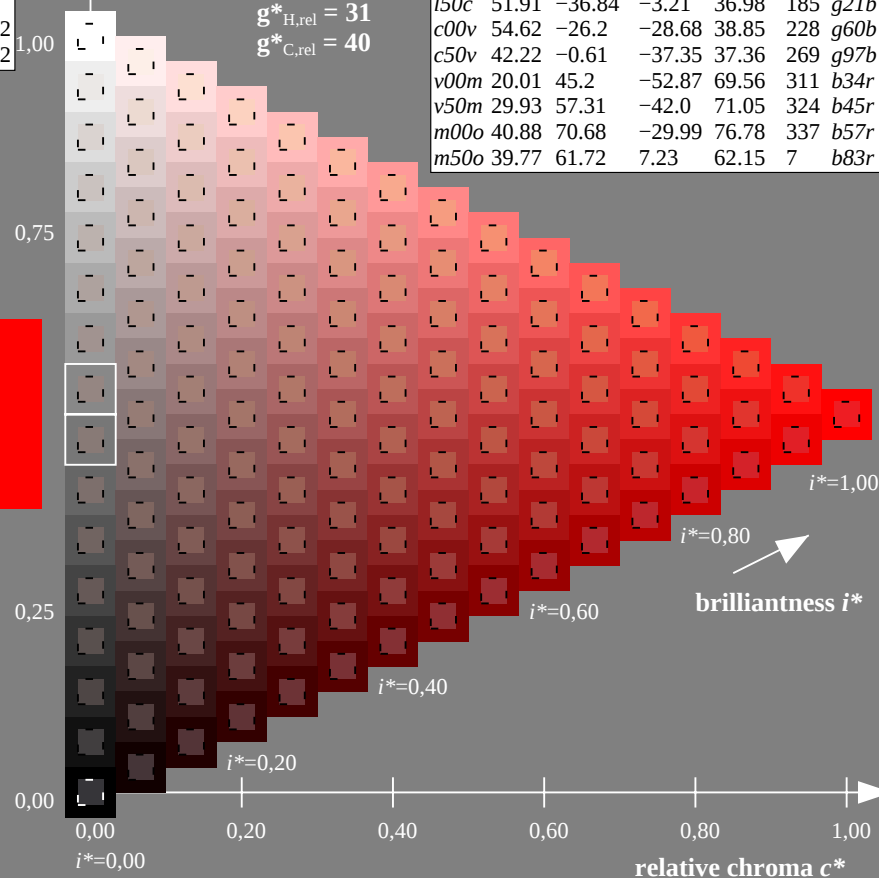
% Gamut

$u^*_{rel} = 88$

% Regularity

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

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



FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$
data for any colour:

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

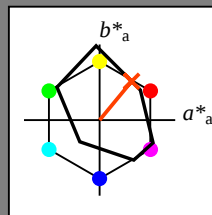
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 42 51

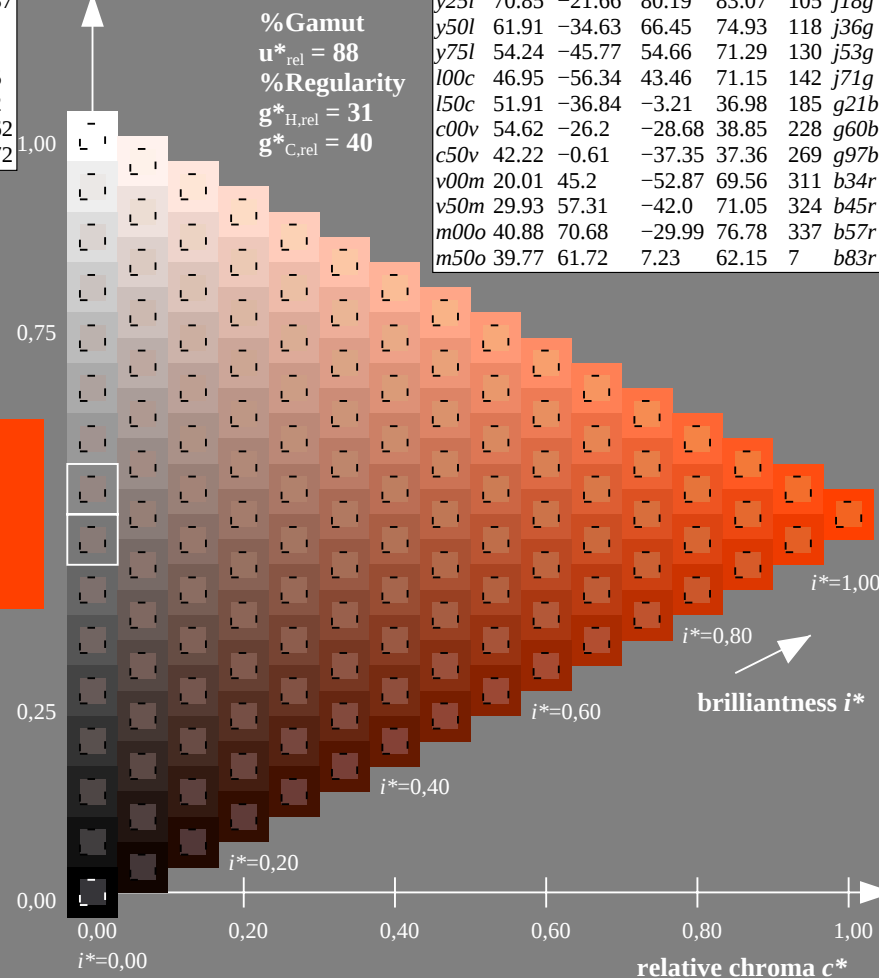
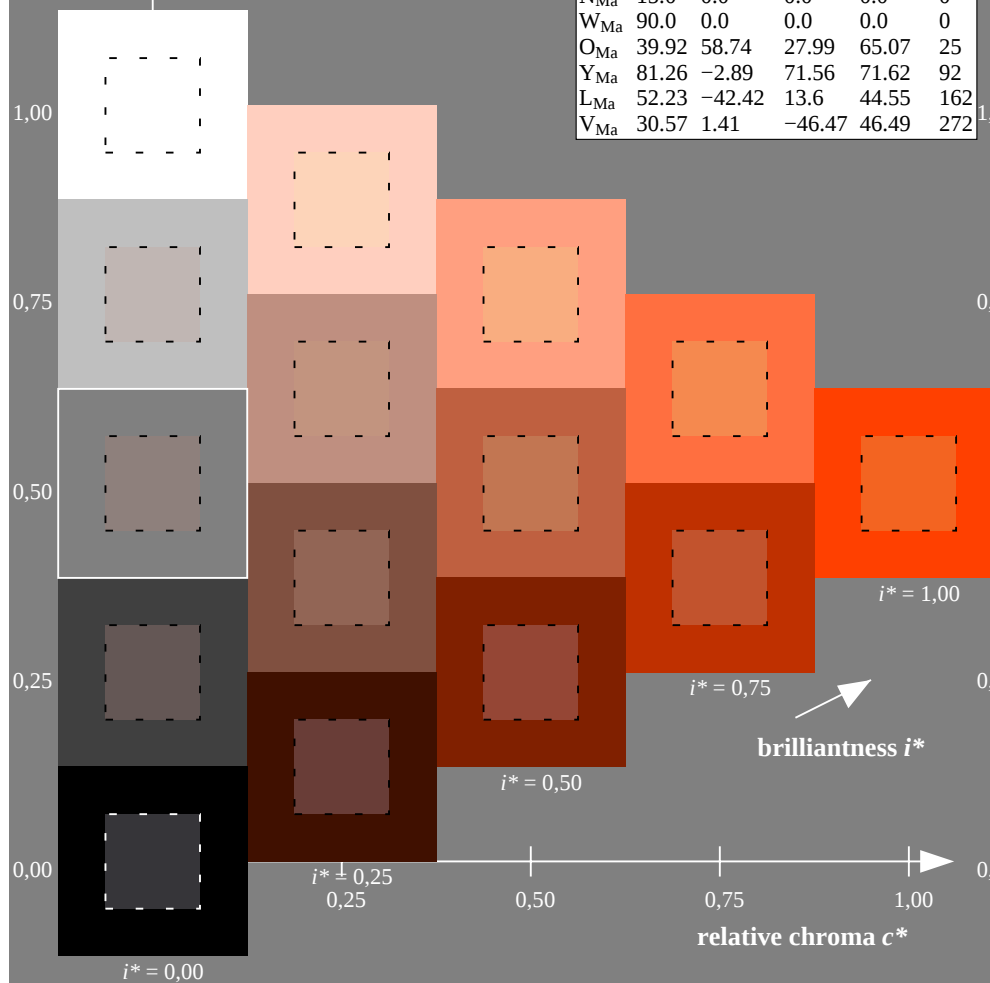
$LAB^*LCH^*_{Ma}$: 47 66 50

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

$u^*_d = o50y$

data for any colour:

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

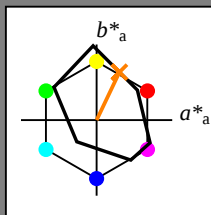
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 57 30 63

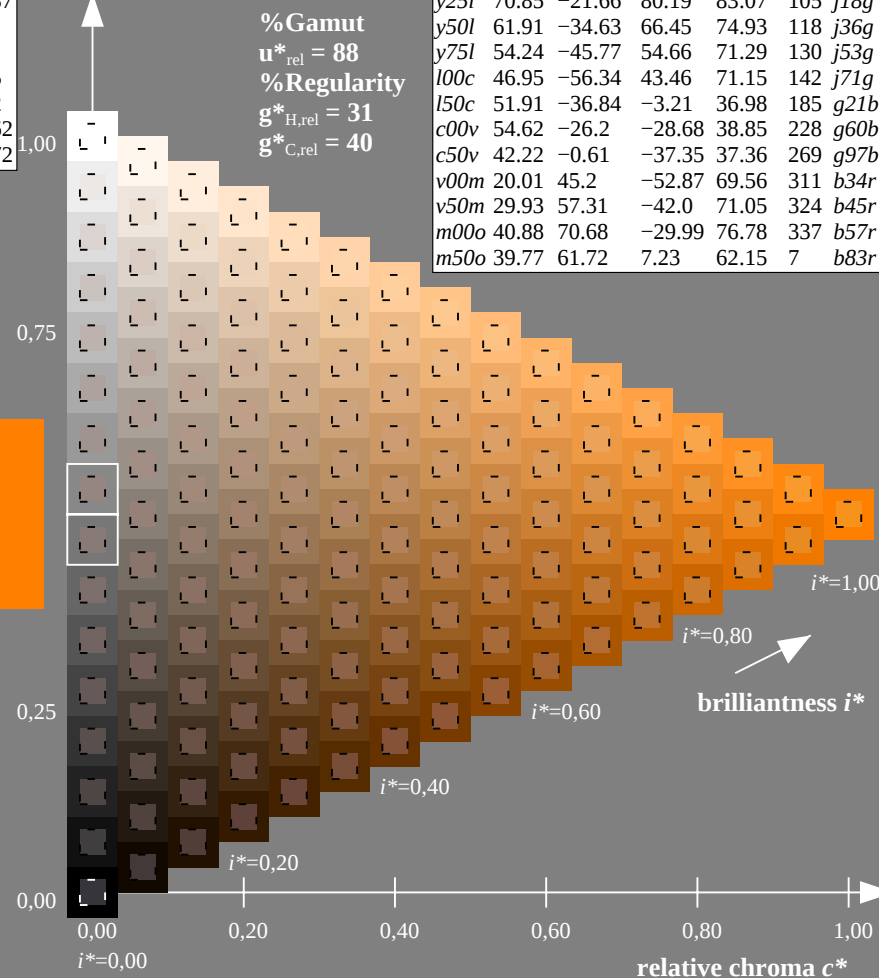
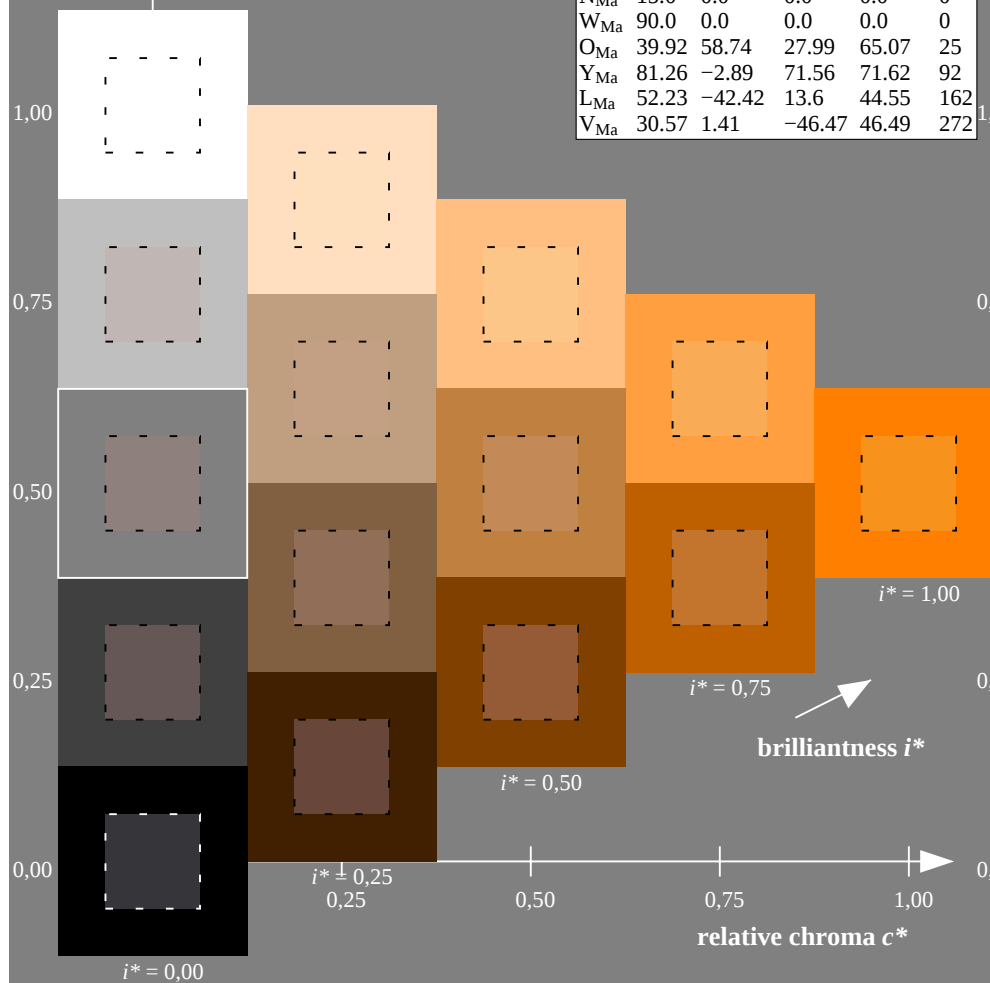
$LAB^*LCH^*_{Ma}$: 57 70 64

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$
 data for any colour:

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

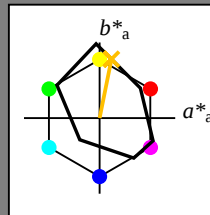
Hue texts:

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

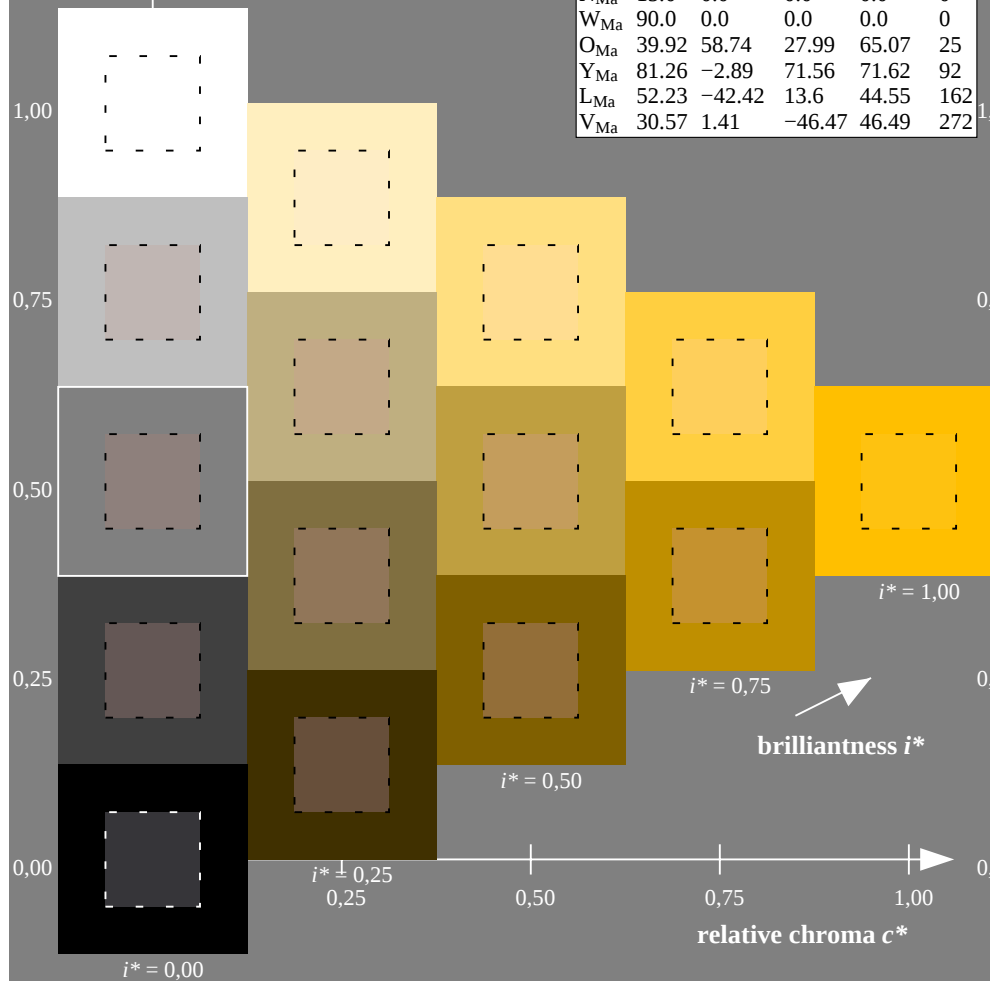
contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 16 78

$LAB^*LCH^*_{Ma}$: 67 79 78

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

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

triangle lightness t^*

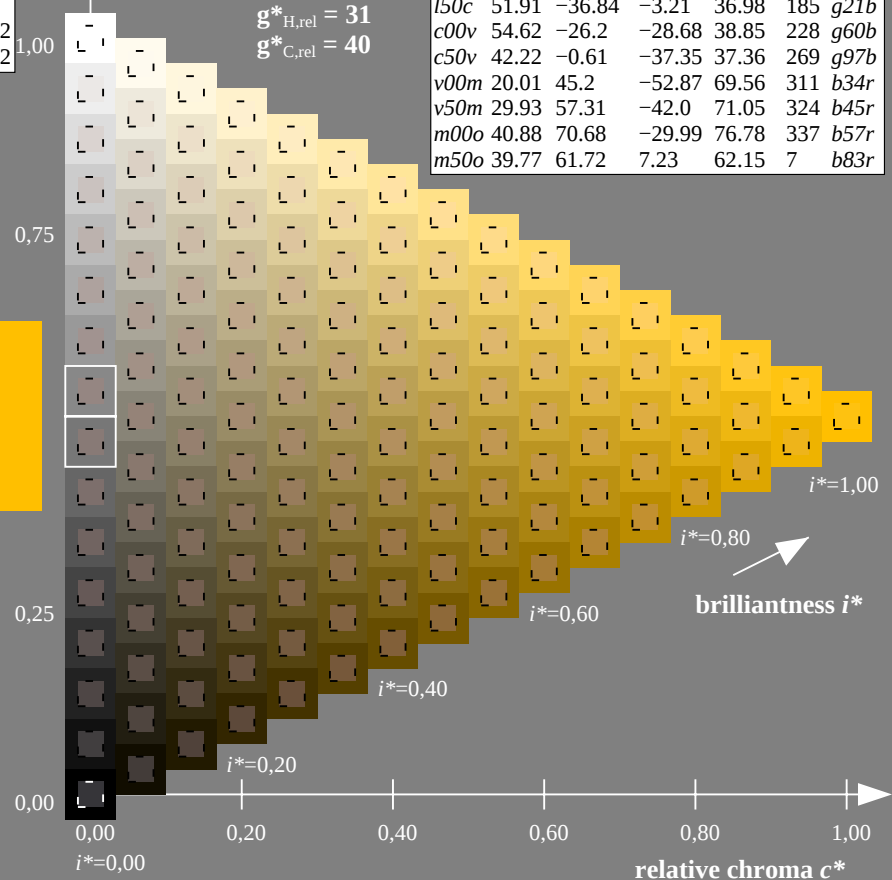
% Gamut

$u^*_{rel} = 88$

% Regularity

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

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



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

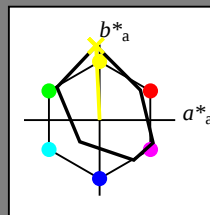
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	38.8	53.92	39.68	66.95	36	
Y_{Ma}	82.58	-4.64	98.22	98.33	93	
L_{Ma}	46.95	-56.34	43.46	71.15	142	
C_{Ma}	54.62	-26.2	-28.68	38.85	228	
V_{Ma}	20.01	45.2	-52.87	69.56	311	
M_{Ma}	40.88	70.68	-29.99	76.78	337	
N_{Ma}	15.0	0.0	0.0	0.0	0	
W_{Ma}	90.0	0.0	0.0	0.0	0	
O_{Ma}	39.92	58.74	27.99	65.07	25	
Y_{Ma}	81.26	-2.89	71.56	71.62	92	
L_{Ma}	52.23	-42.42	13.6	44.55	162	
V_{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -5 98

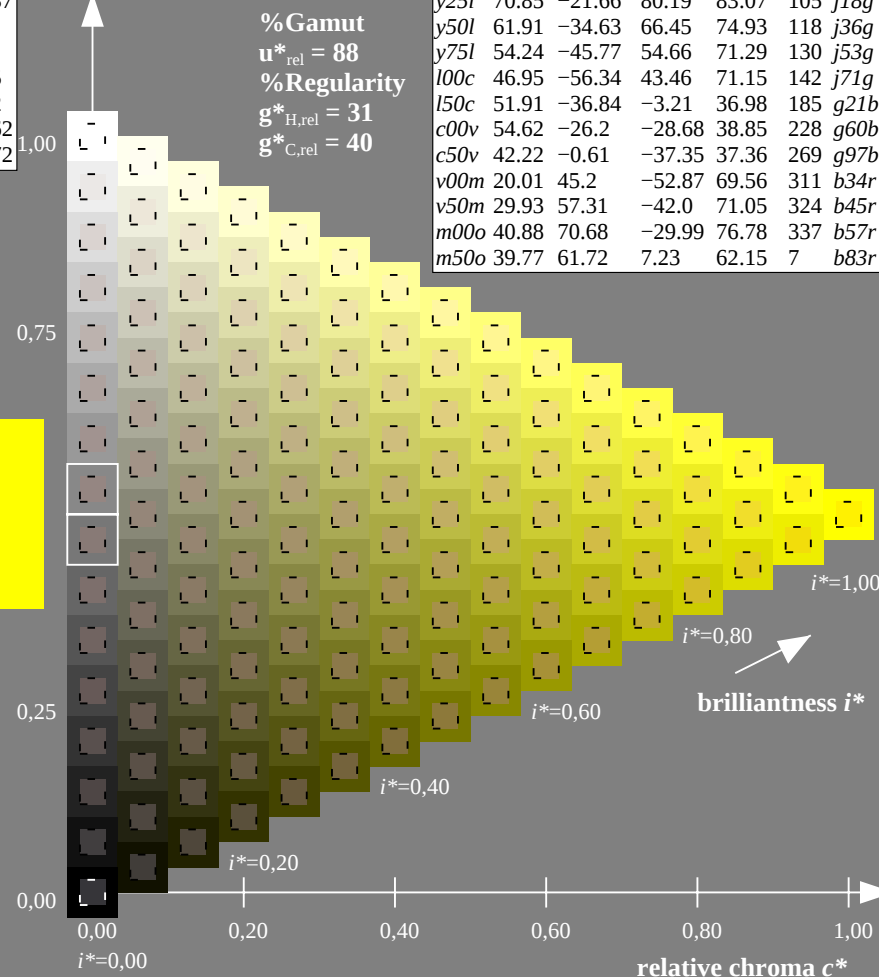
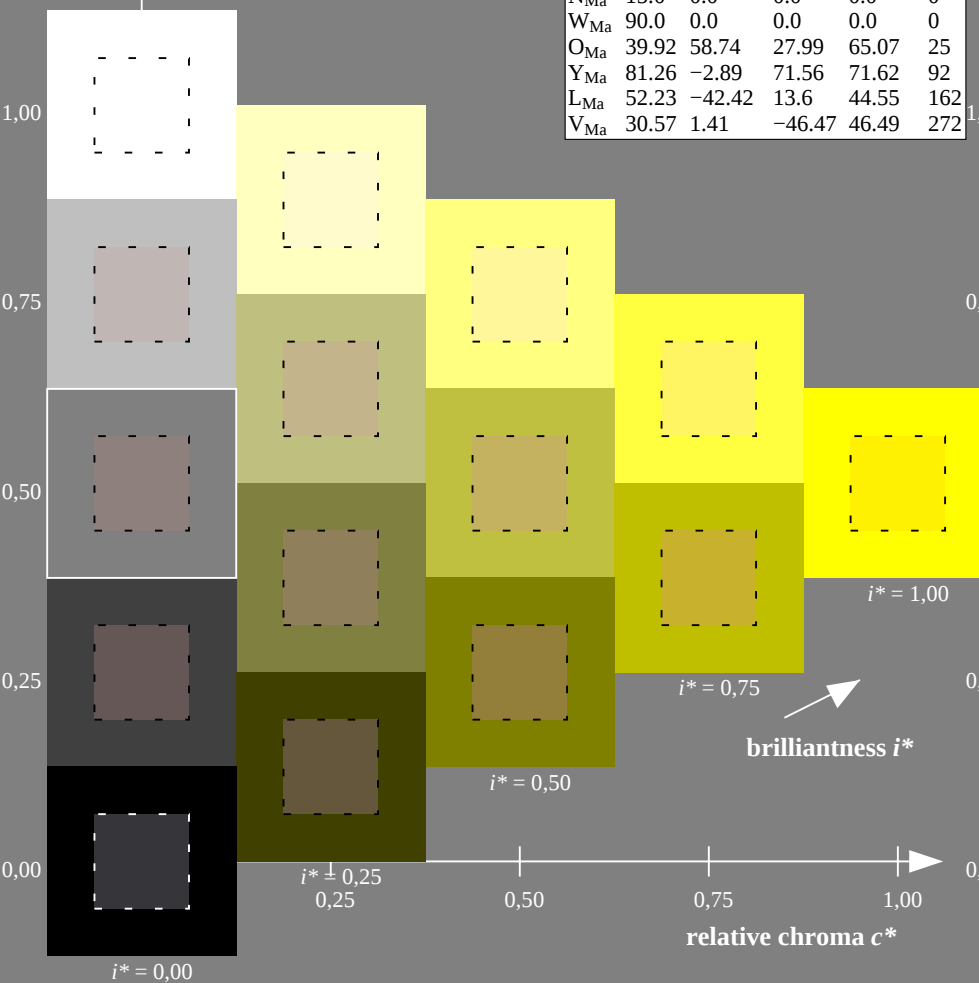
$LAB^*LCH^*_{Ma}$: 83 98 92

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$

data for any colour:

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

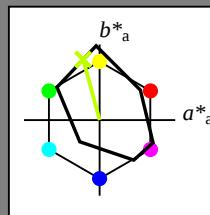
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -22 80

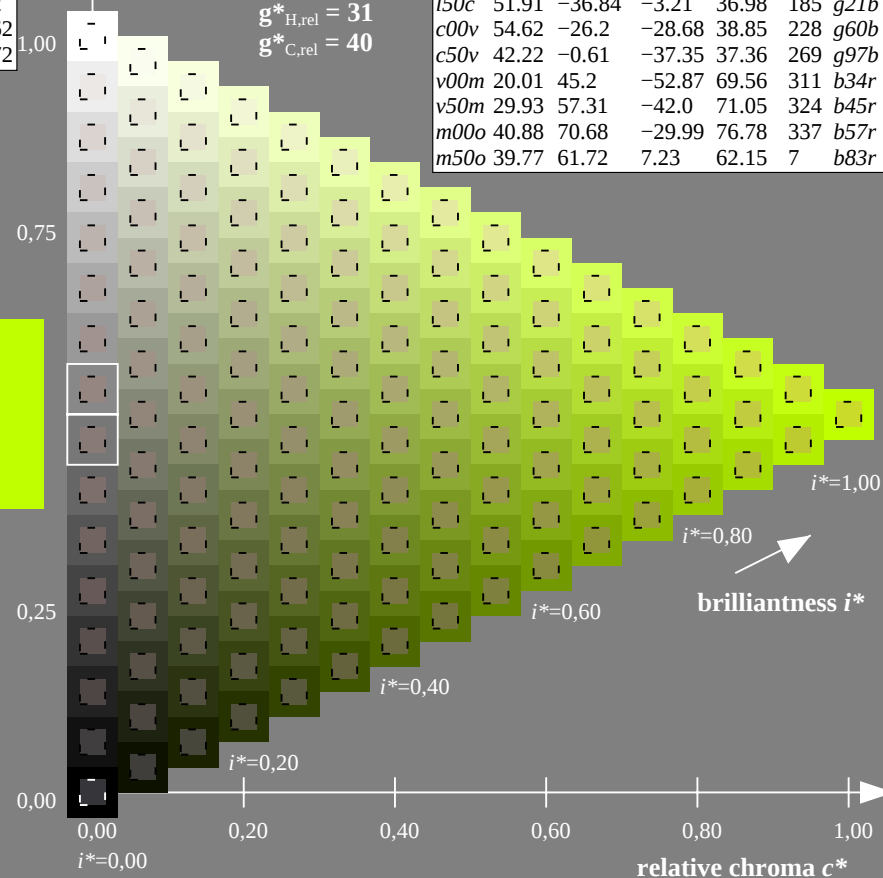
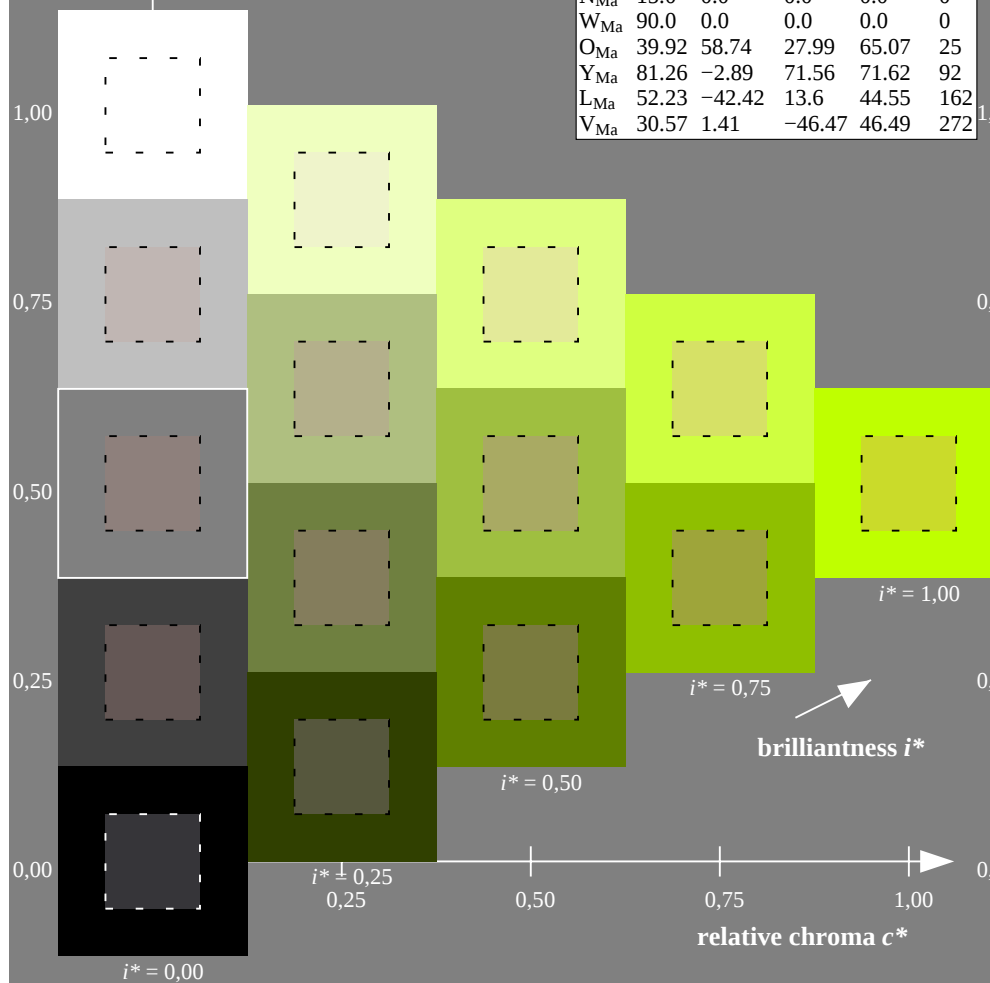
$LAB^*LCH^*_{Ma}$: 71 83 105

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$
data for any colour:

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

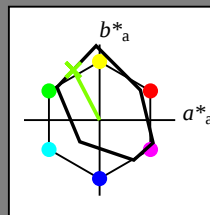
Hue texts:

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

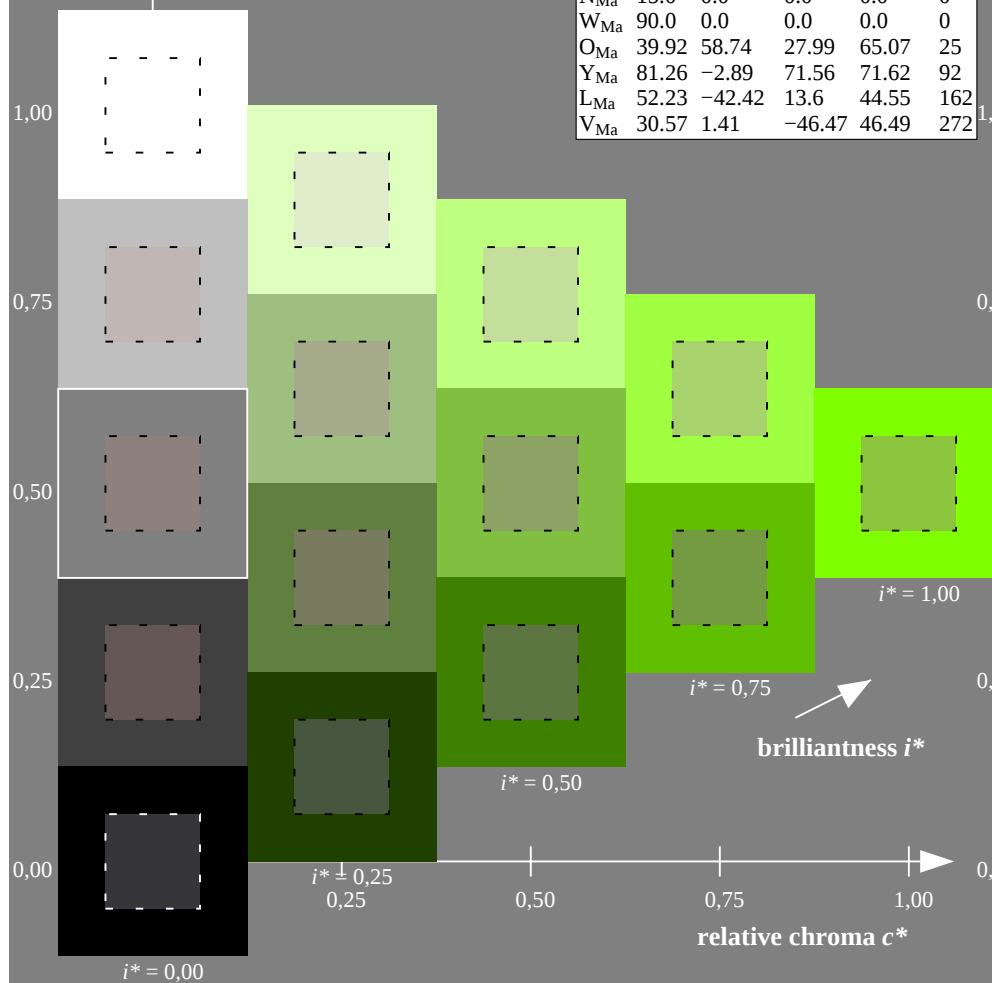
contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -35 66

$LAB^*LCH^*_{Ma}$: 62 75 117

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

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

triangle lightness t^*

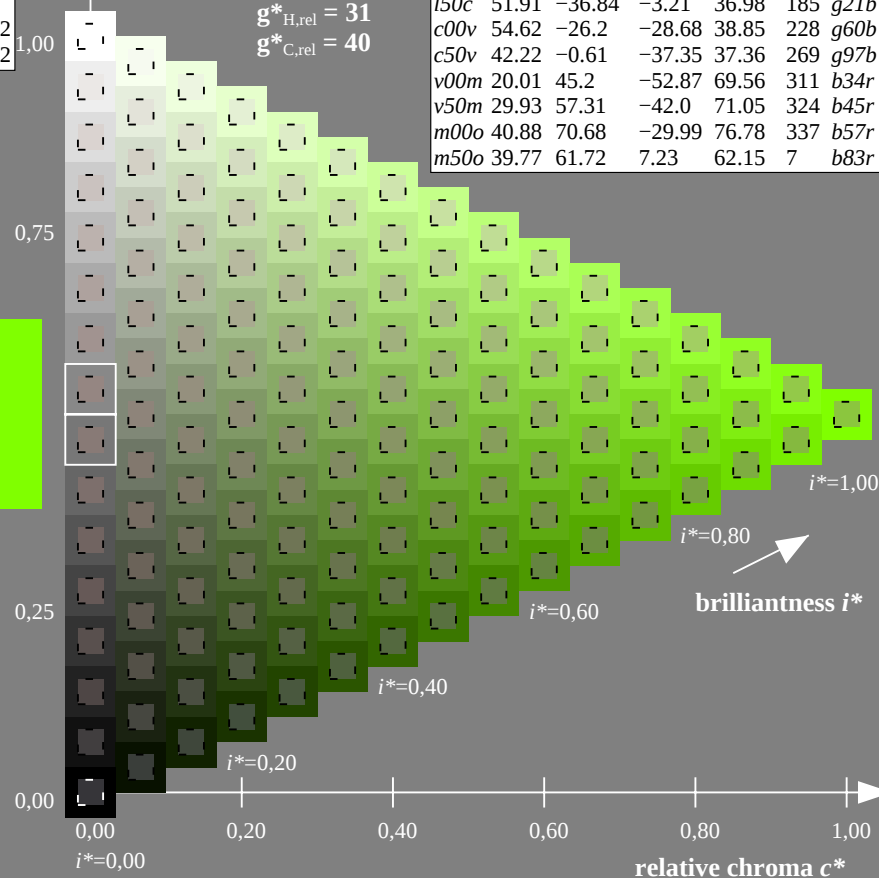
% Gamut

$u^*_{rel} = 88$

% Regularity

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

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



FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$
 data for any colour:

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

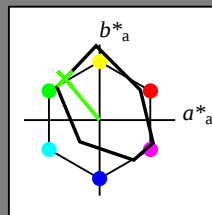
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	38.8	53.92	39.68	66.95	36	
Y_{Ma}	82.58	-4.64	98.22	98.33	93	
L_{Ma}	46.95	-56.34	43.46	71.15	142	
C_{Ma}	54.62	-26.2	-28.68	38.85	228	
V_{Ma}	20.01	45.2	-52.87	69.56	311	
M_{Ma}	40.88	70.68	-29.99	76.78	337	
N_{Ma}	15.0	0.0	0.0	0.0	0	
W_{Ma}	90.0	0.0	0.0	0.0	0	
O_{Ma}	39.92	58.74	27.99	65.07	25	
Y_{Ma}	81.26	-2.89	71.56	71.62	92	
L_{Ma}	52.23	-42.42	13.6	44.55	162	
V_{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -46 55

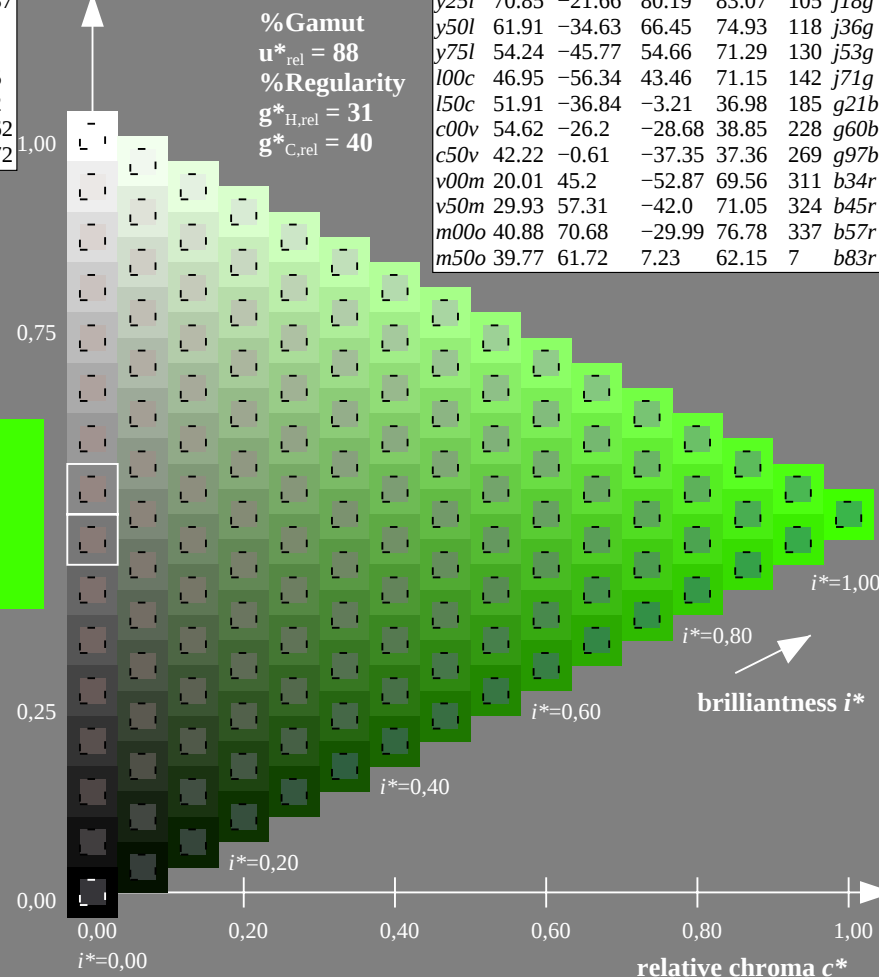
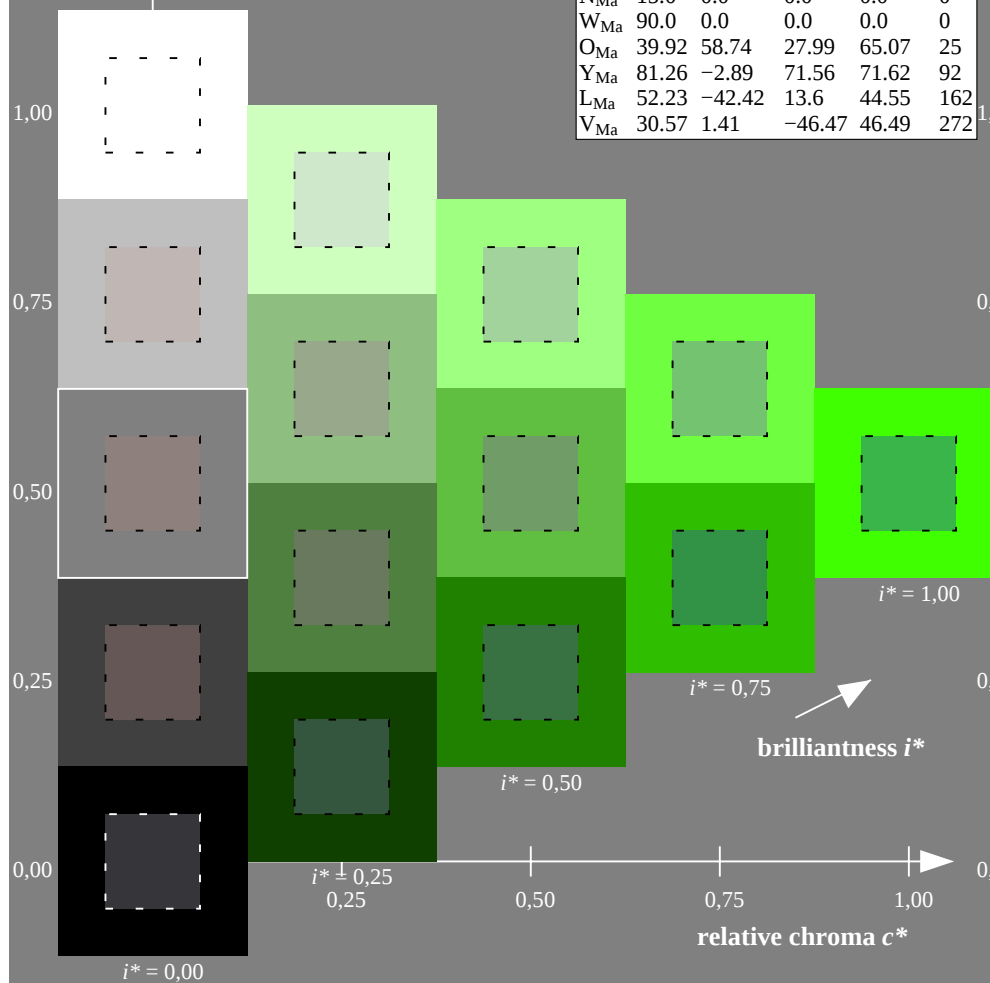
$LAB^*LCH^*_{Ma}$: 54 71 129

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$
 data for any colour:

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

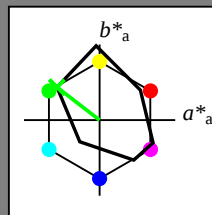
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	38.8	53.92	39.68	66.95	36	
Y_{Ma}	82.58	-4.64	98.22	98.33	93	
L_{Ma}	46.95	-56.34	43.46	71.15	142	
C_{Ma}	54.62	-26.2	-28.68	38.85	228	
V_{Ma}	20.01	45.2	-52.87	69.56	311	
M_{Ma}	40.88	70.68	-29.99	76.78	337	
N_{Ma}	15.0	0.0	0.0	0.0	0	
W_{Ma}	90.0	0.0	0.0	0.0	0	
O_{Ma}	39.92	58.74	27.99	65.07	25	
Y_{Ma}	81.26	-2.89	71.56	71.62	92	
L_{Ma}	52.23	-42.42	13.6	44.55	162	
V_{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -56 43

$LAB^*LCH^*_{Ma}$: 47 71 142

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

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

triangle lightness t^*

%Gamut

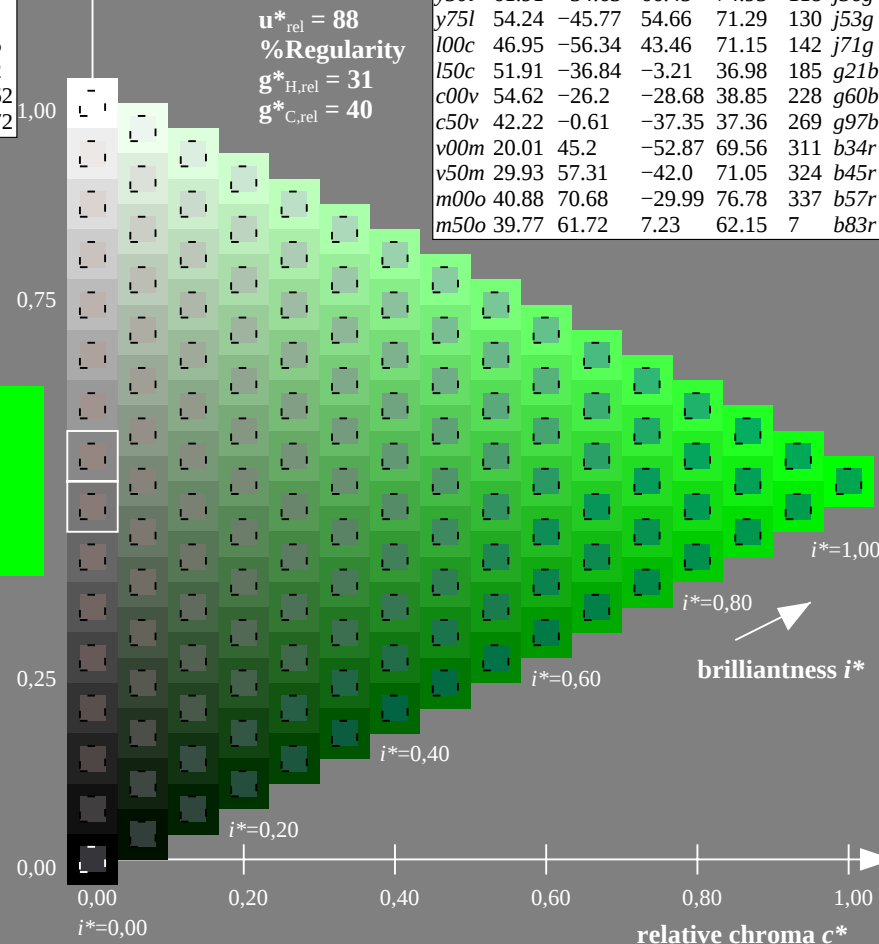
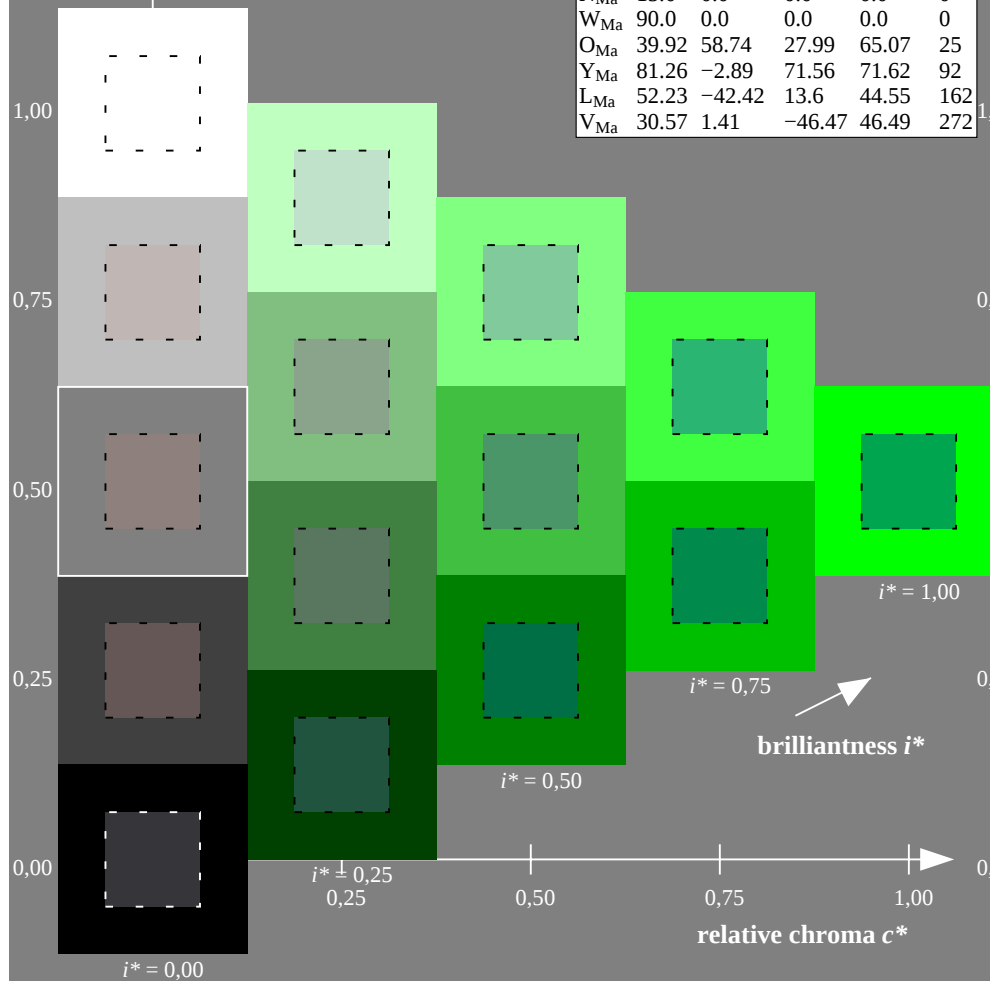
$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

$u^*_d = 150c$

data for any colour:

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

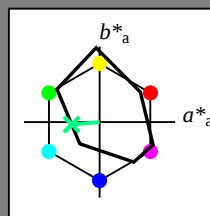
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 52 -37 -3$

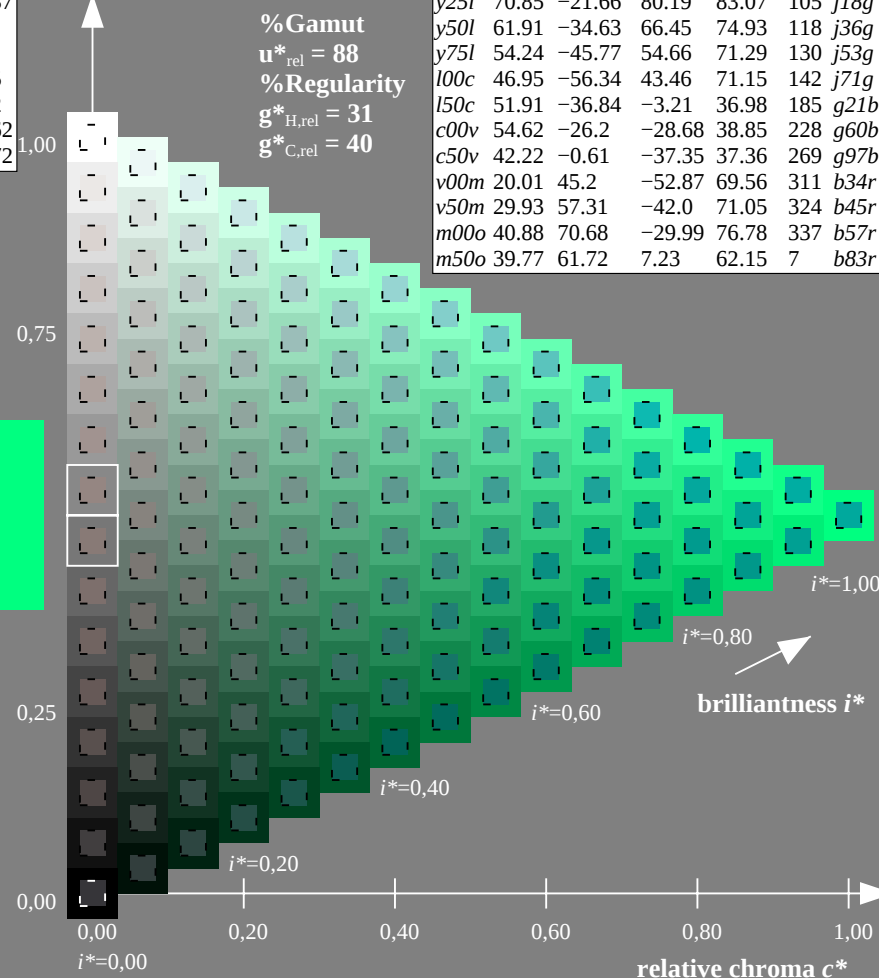
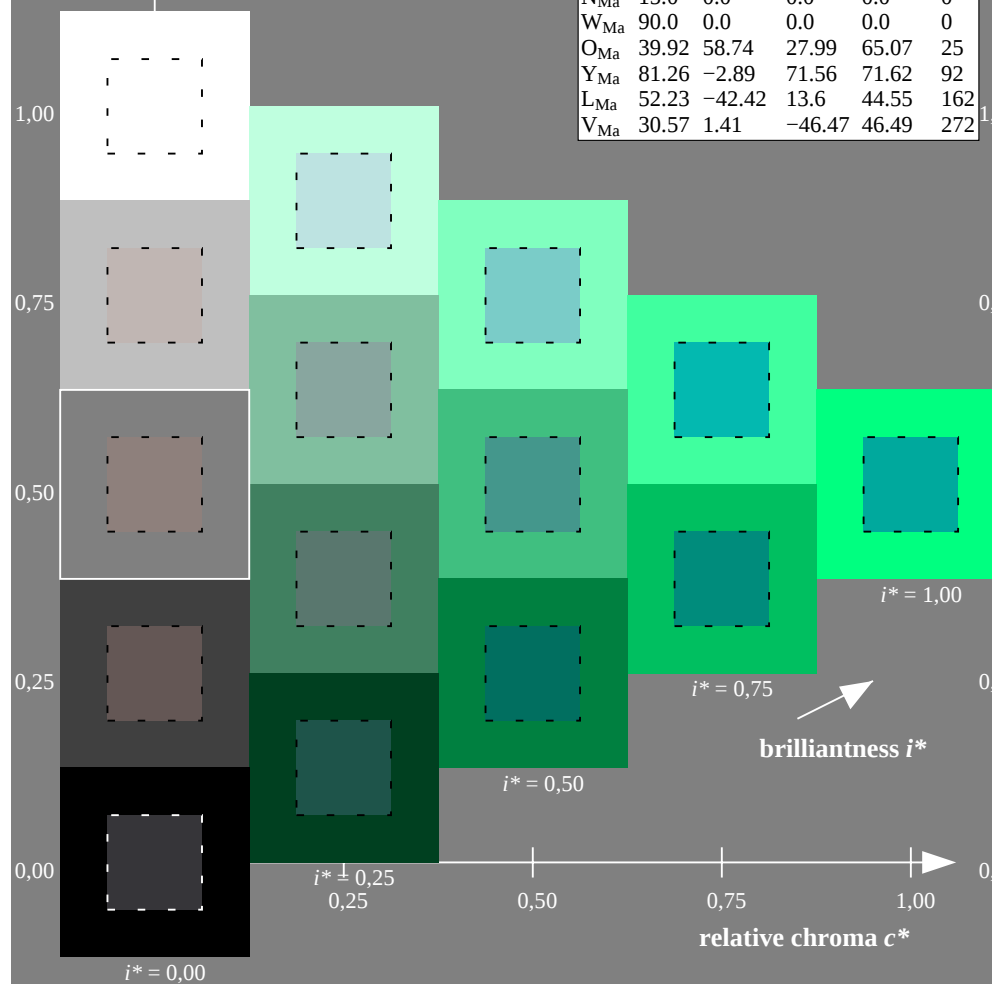
$LAB^*LCH^*_{Ma}: 52 37 184$

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$
data for any colour:

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

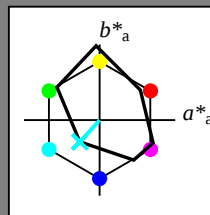
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -26 -29

$LAB^*LCH^*_{Ma}$: 55 39 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.81 1.0

triangle lightness t^*

% Gamut

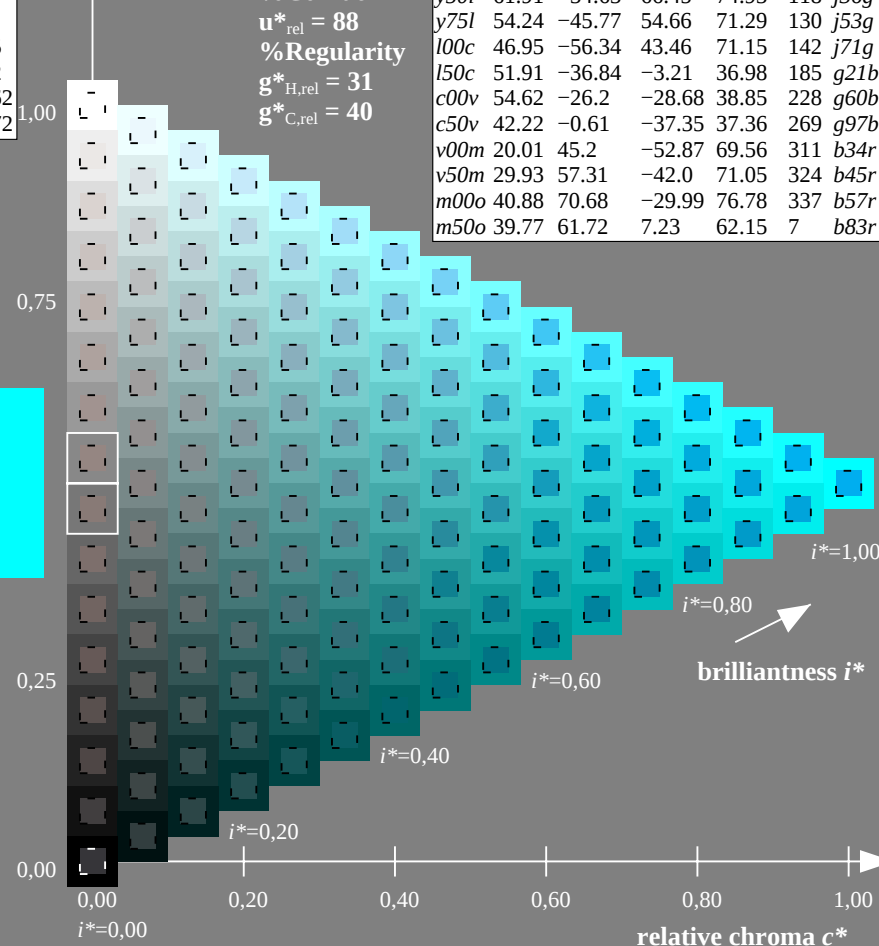
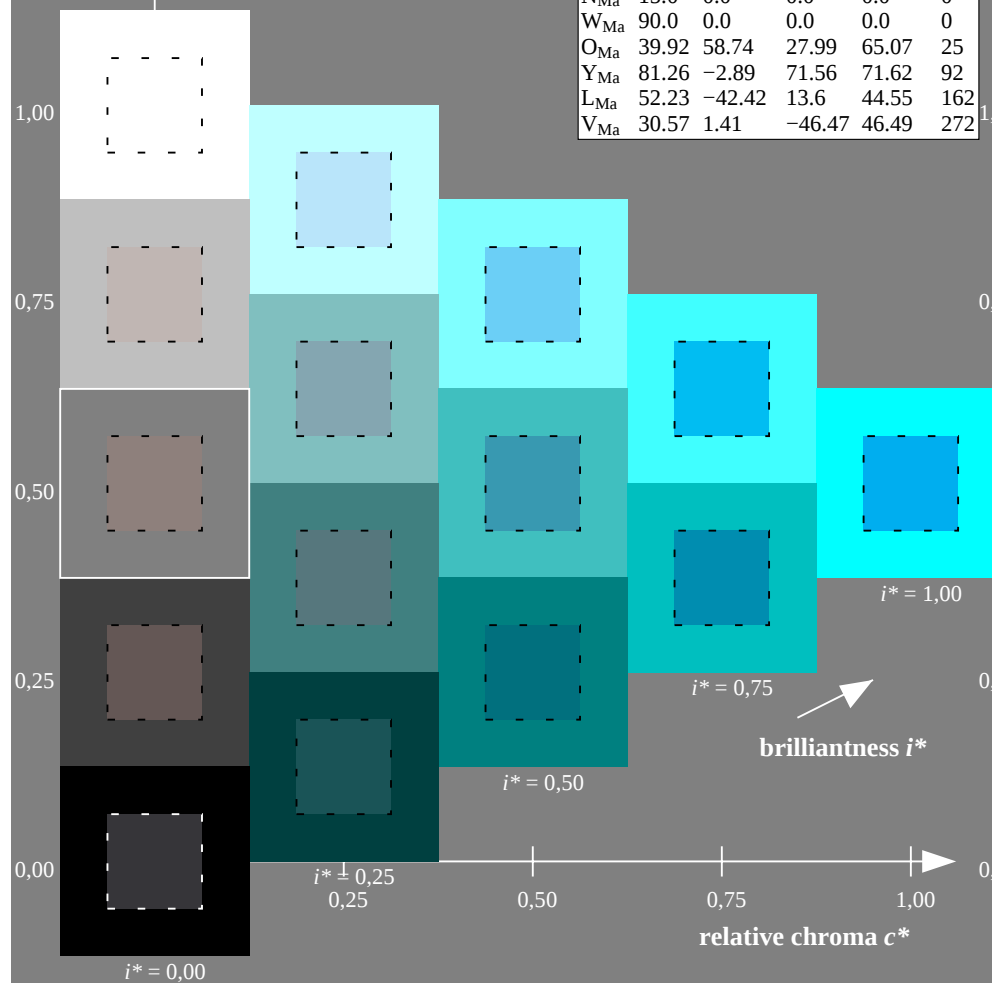
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$
data for any colour:

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

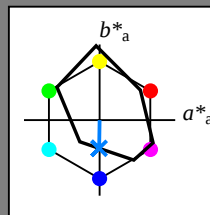
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 -1 -37

$LAB^*LCH^*_{Ma}$: 42 37 269

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

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

triangle lightness t^*

% Gamut

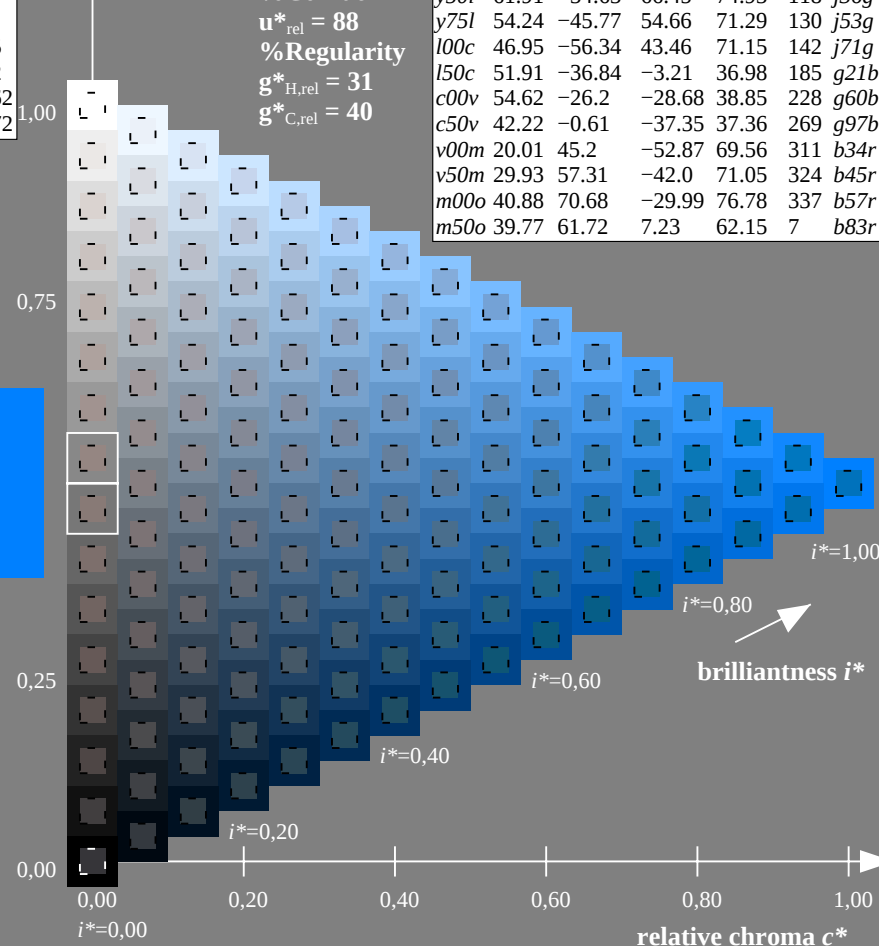
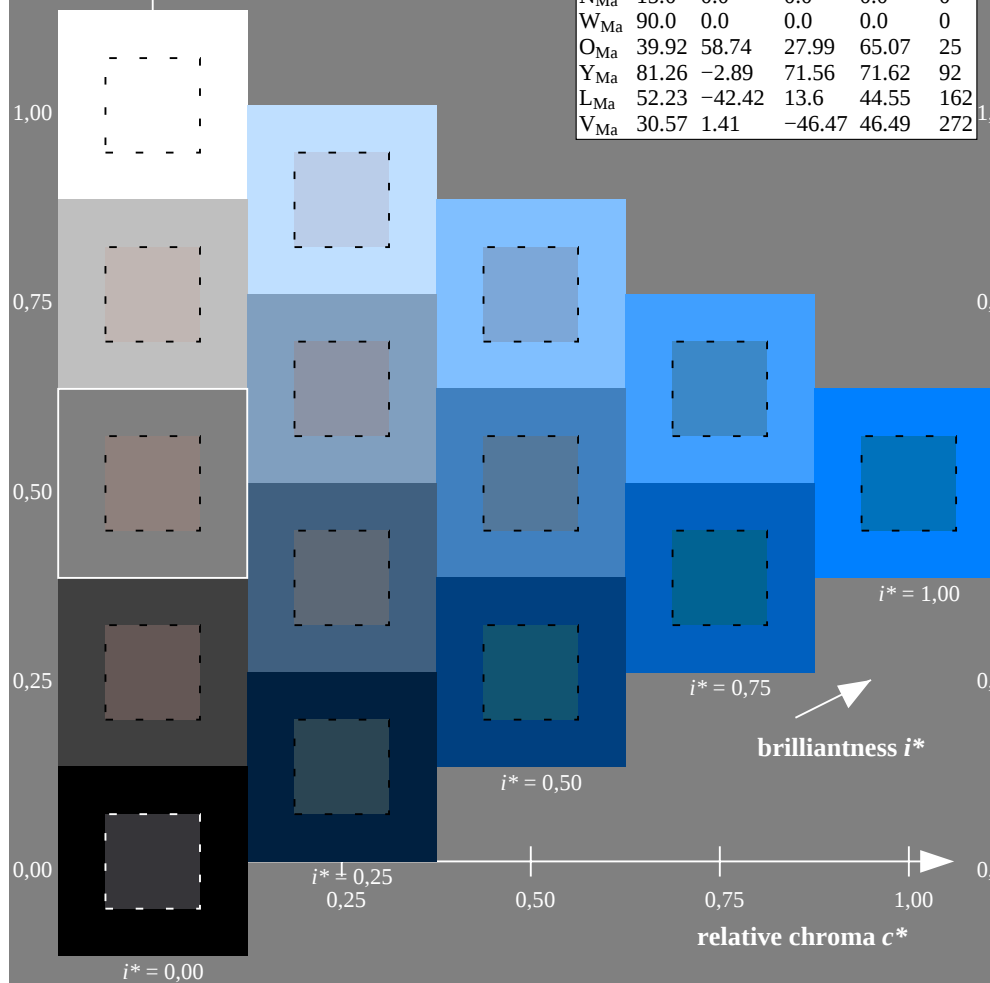
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

$u^*_d = v00m$

data for any colour:

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

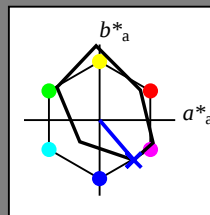
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 20 45 -53

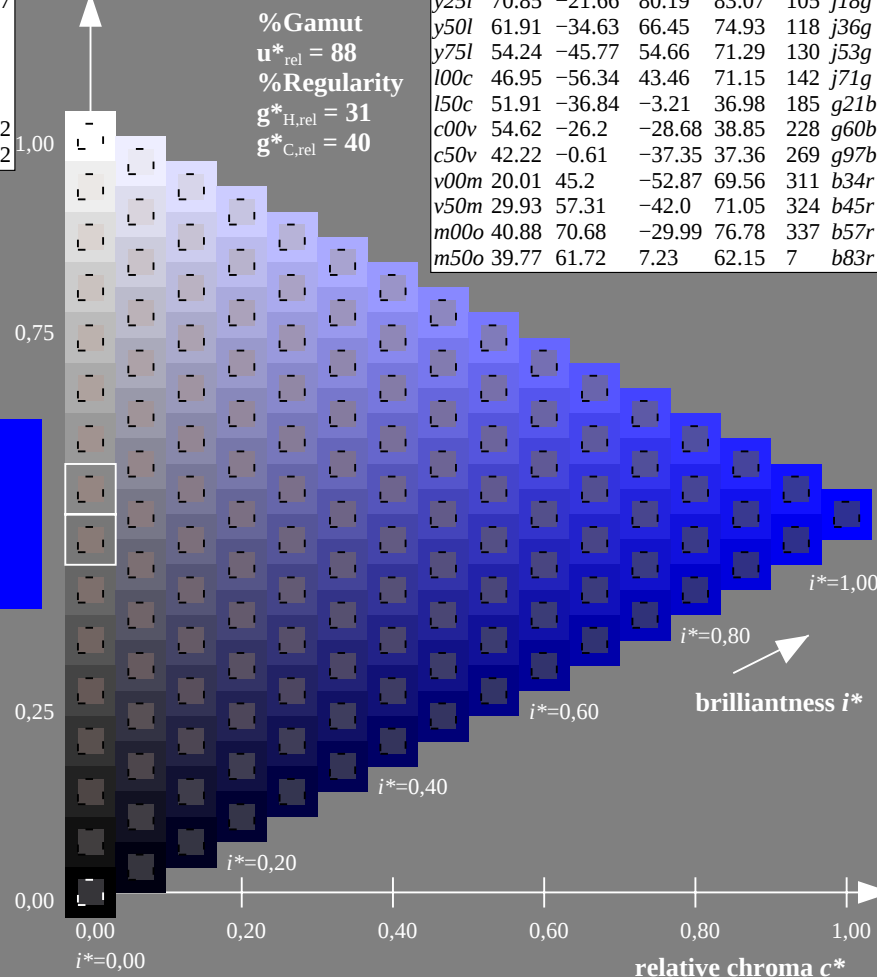
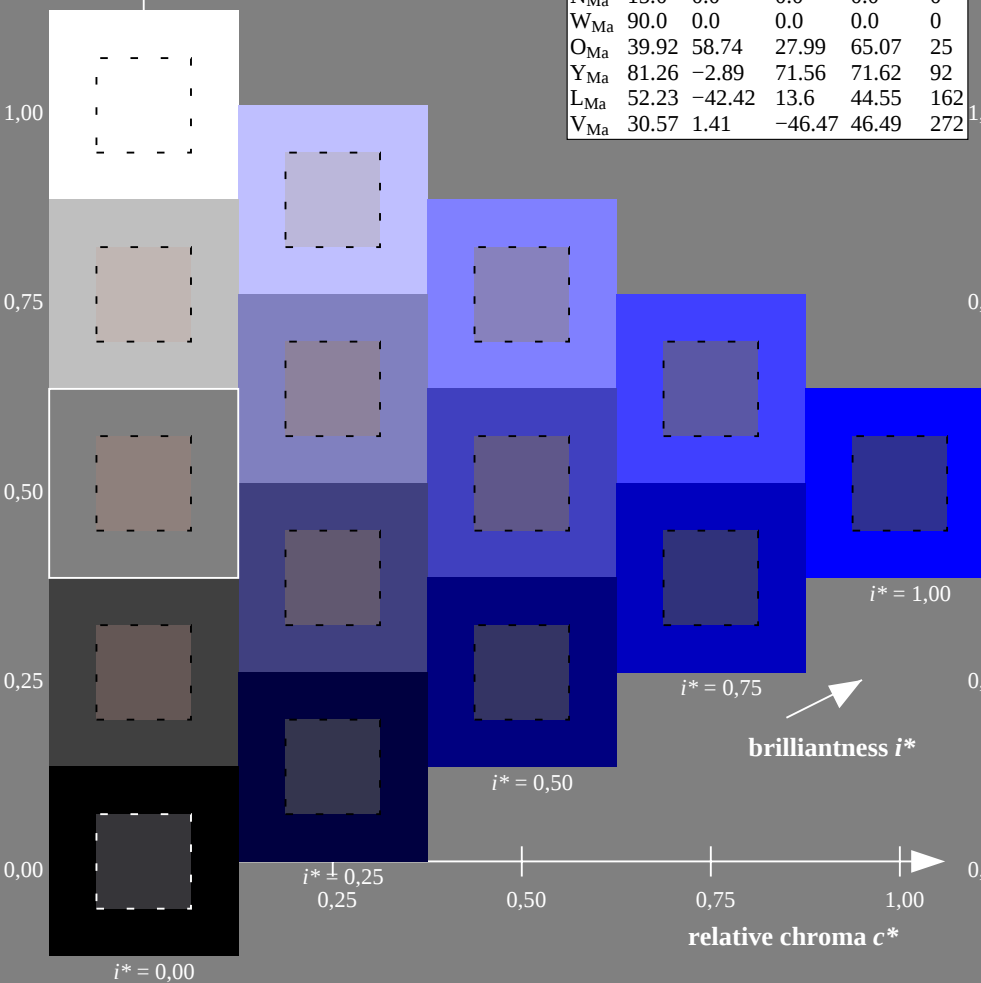
$LAB^*LCH^*_{Ma}$: 20 70 310

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$
 data for any colour:

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

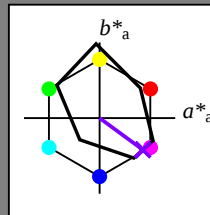
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 57 -42

$LAB^*LCH^*_{Ma}$: 30 71 323

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

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

triangle lightness t^*

%Gamut

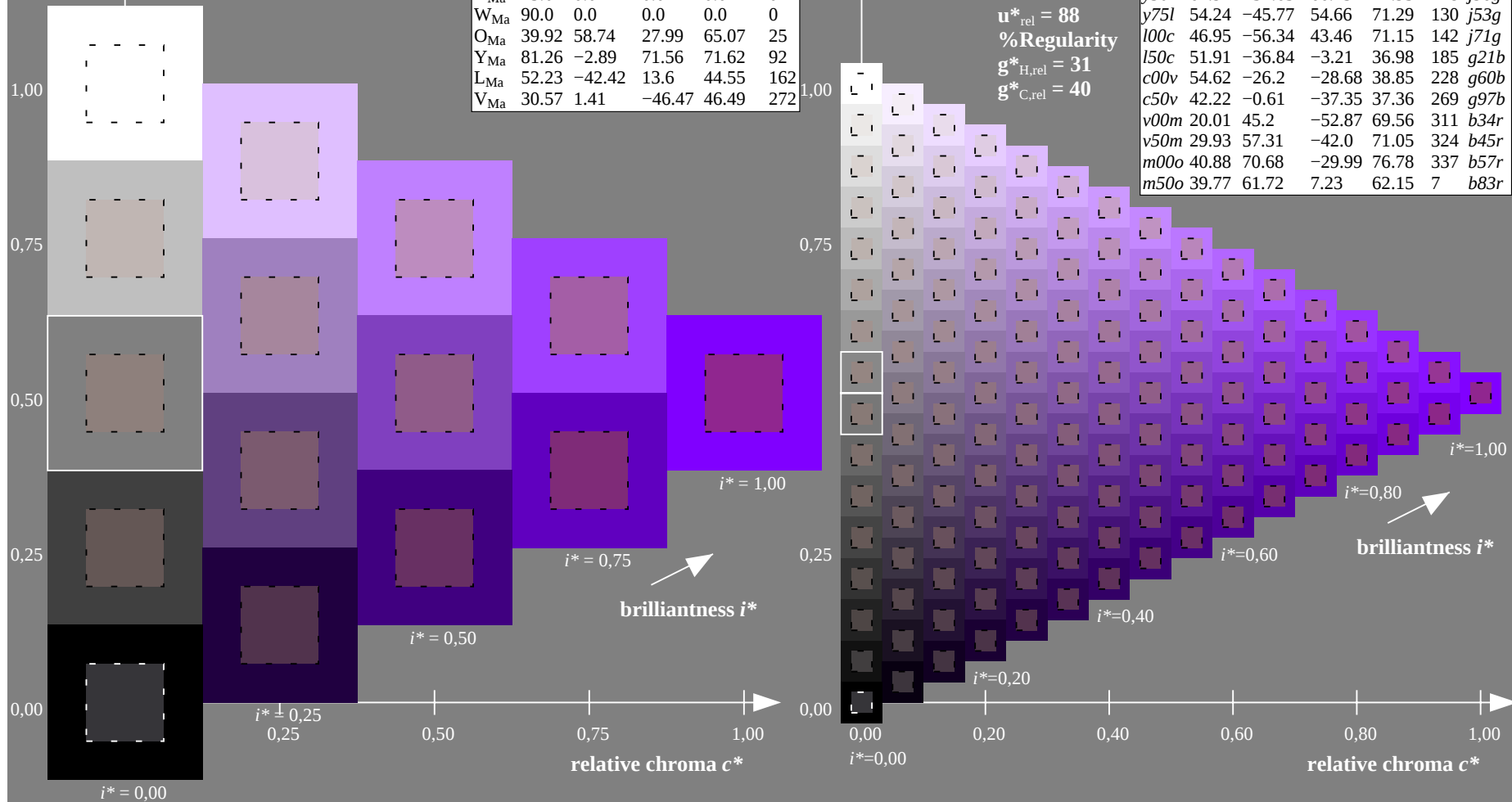
$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$

data for any colour:

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

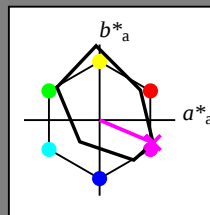
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 71 -30

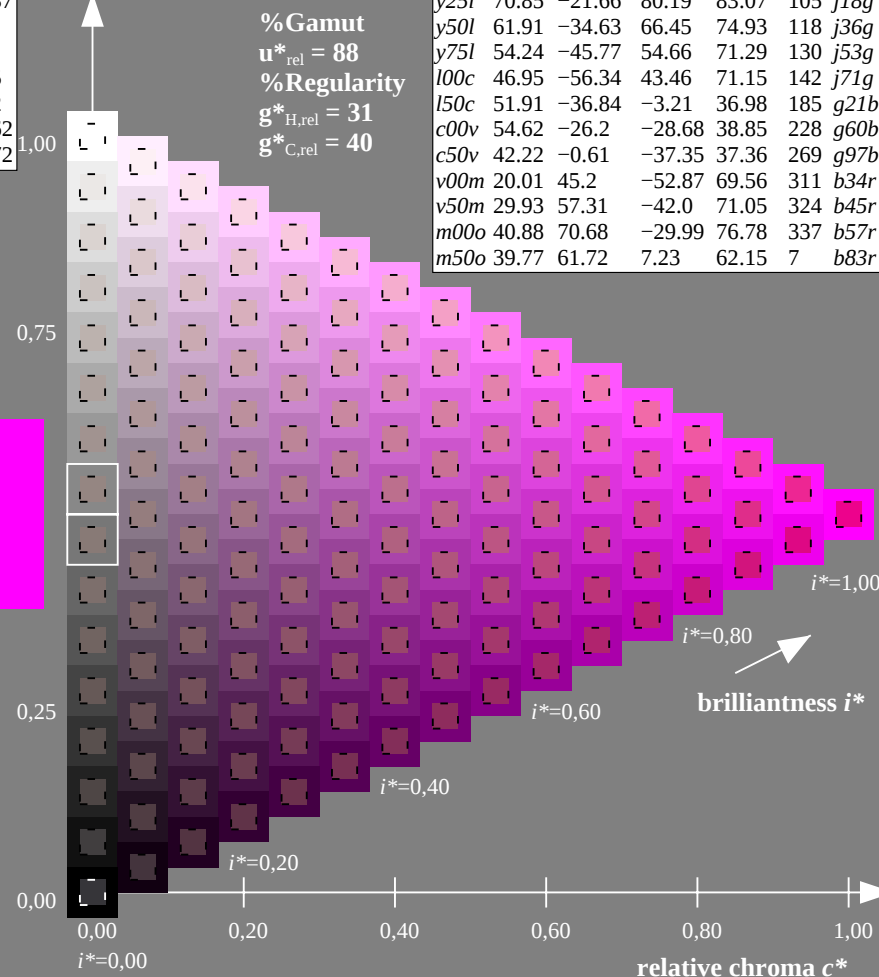
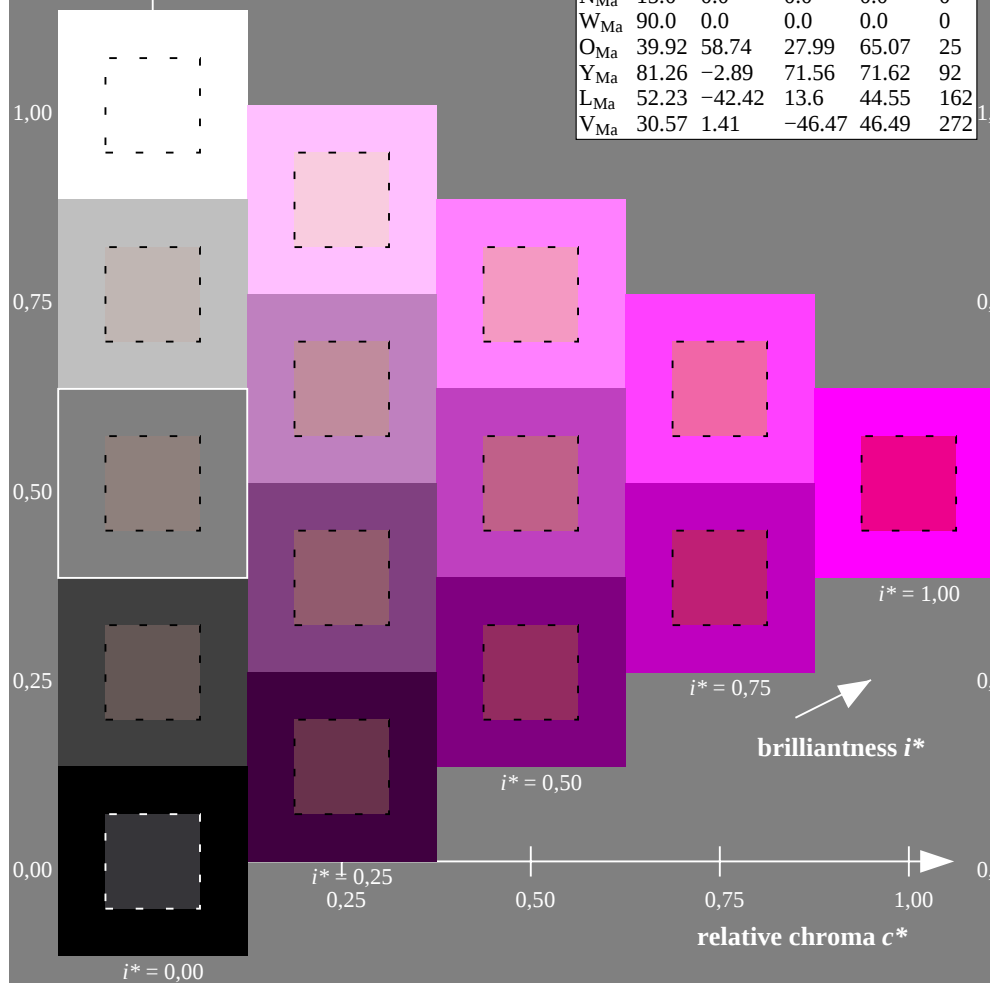
$LAB^*LCH^*_{Ma}$: 41 77 337

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$
data for any colour:

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

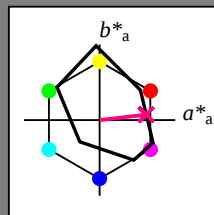
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 40 62 7

$LAB^*LCH^*_{Ma}$: 40 62 6

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

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

triangle lightness t^*

%Gamut

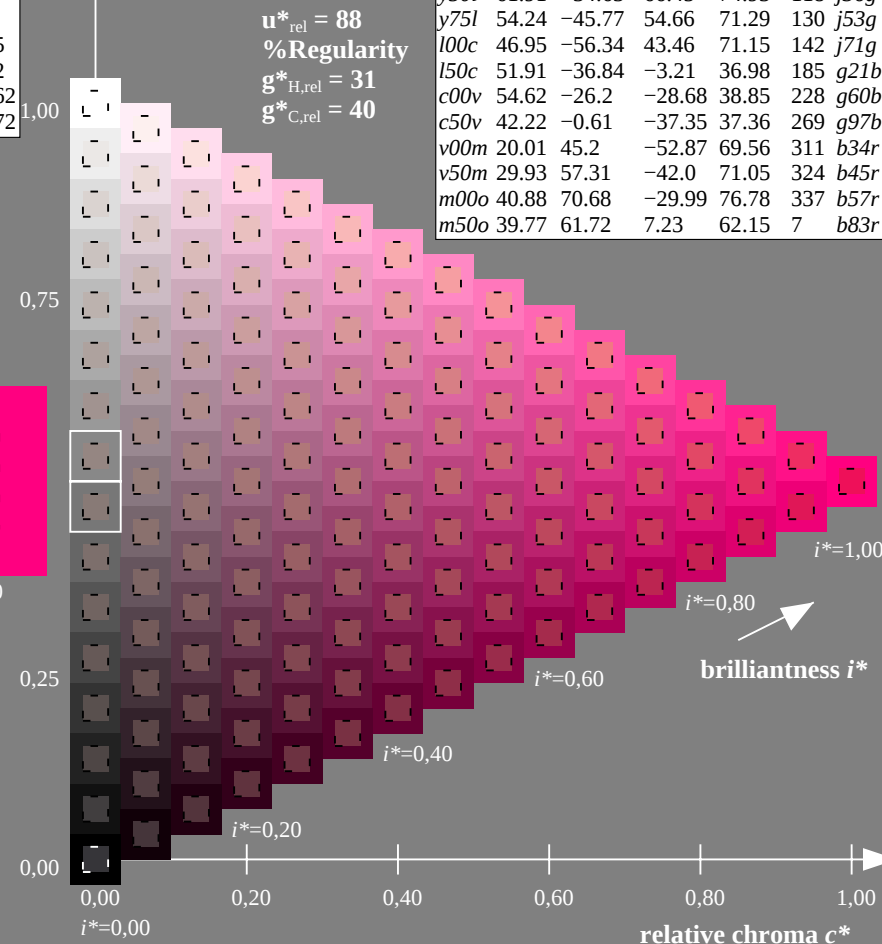
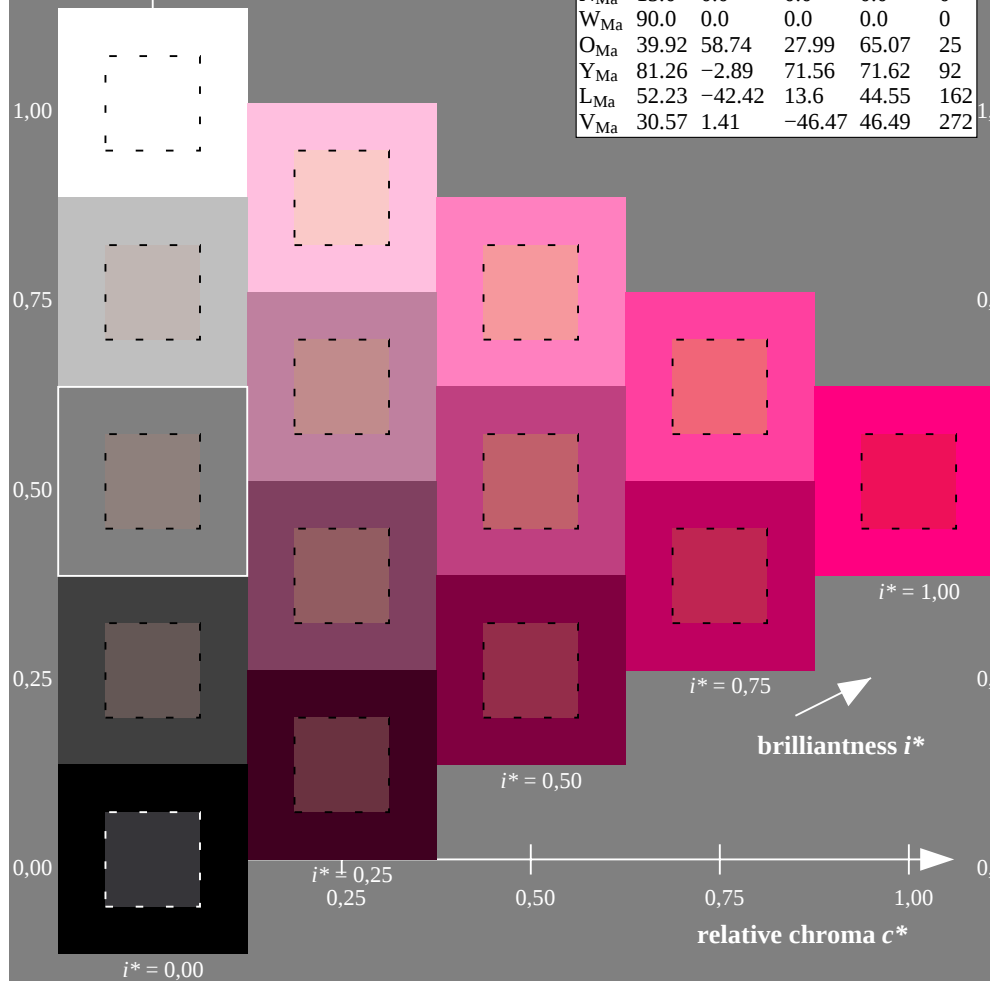
$u^*_{rel} = 88$

%Regularity

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

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

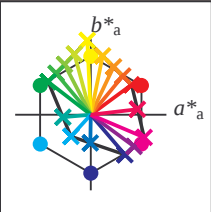
FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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		
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Input and output:
Colorimetric Printer Reflective System FRS09_92a
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:
 $c_R = 0.9$

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	



%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	38.8	53.92	39.68	66.95	36
Y_{Ma}	82.58	-4.64	98.22	98.33	93
L_{Ma}	46.95	-56.34	43.46	71.15	142
C_{Ma}	54.62	-26.2	-28.68	38.85	228
V_{Ma}	20.01	45.2	-52.87	69.56	311
M_{Ma}	40.88	70.68	-29.99	76.78	337
N_{Ma}	15.0	0.0	0.0	0.0	0
W_{Ma}	90.0	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

$u^*_d = o00y$

data for any colour:

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

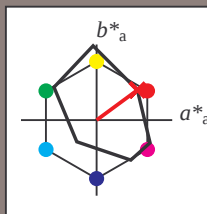
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 54 40

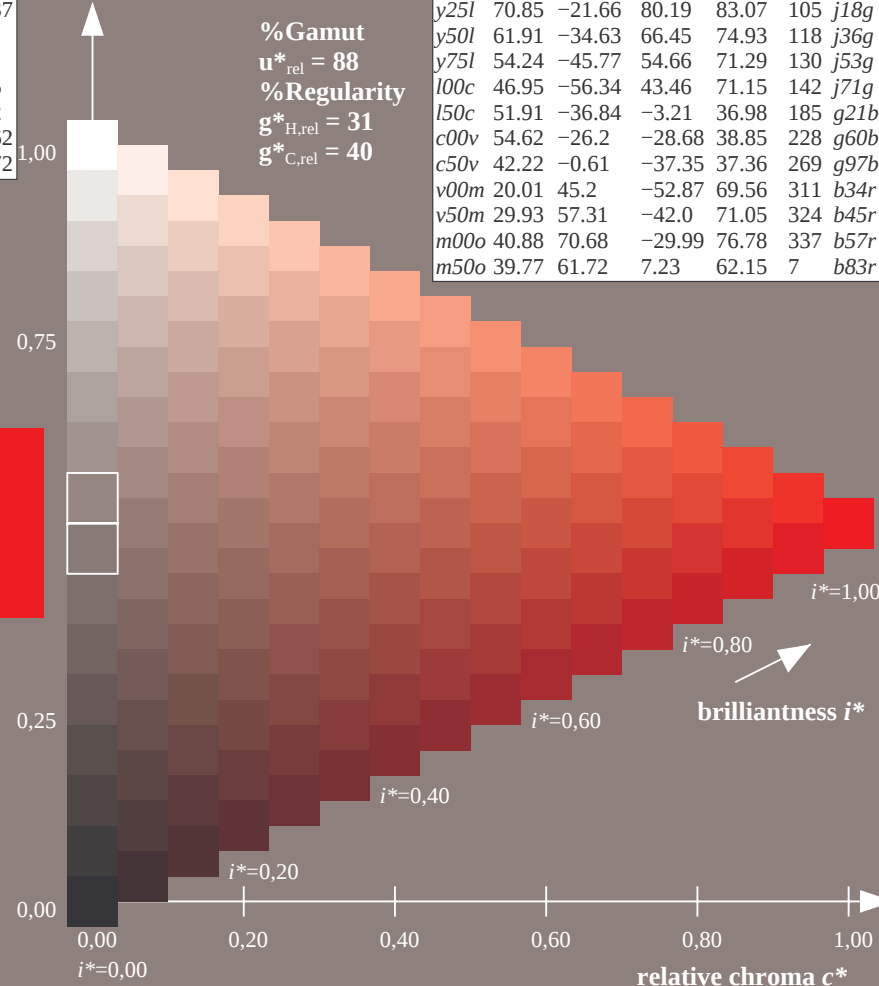
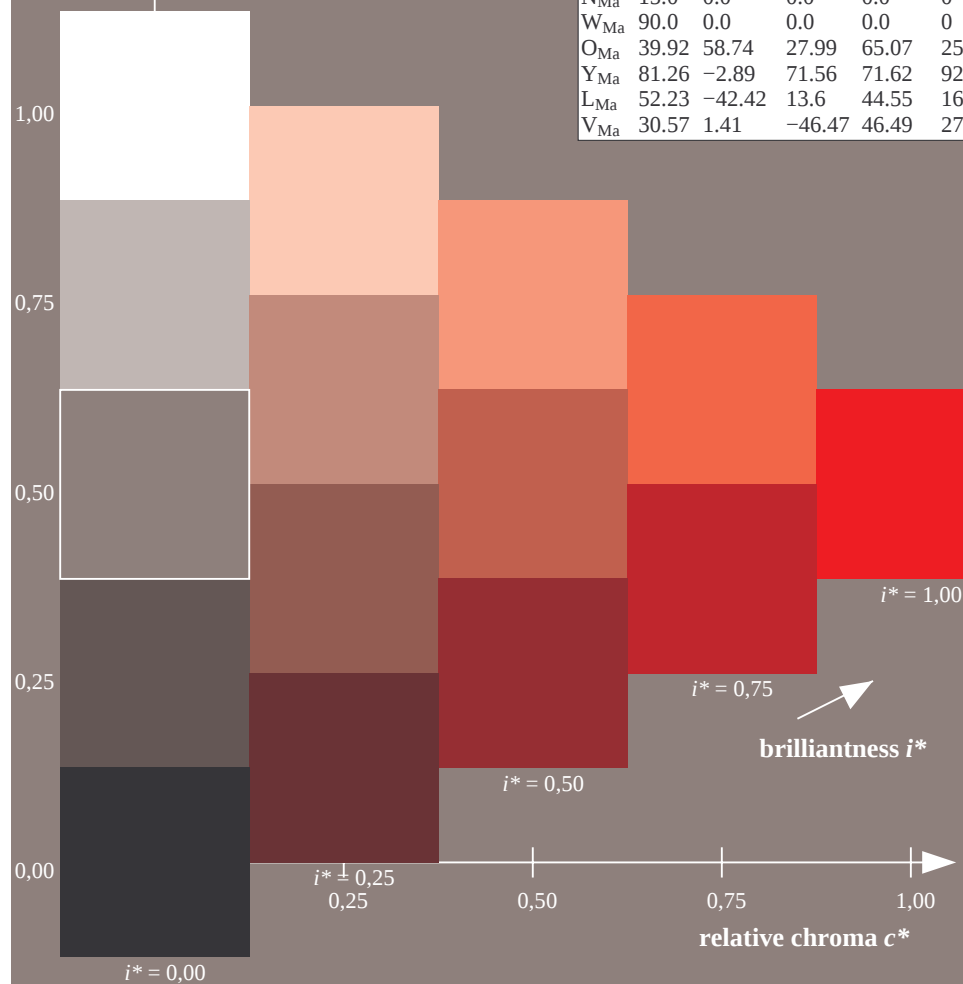
$LAB^*LCH^*_{Ma}$: 39 67 36

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>	
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>	
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>	
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>	
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>	
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>	
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>	
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>	
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>	
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>	
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>	
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>	
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>	
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>	
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>	
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

$u^*_d = o25y$

data for any colour:

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

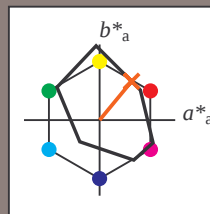
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	38.8	53.92	39.68	66.95	36	
Y_{Ma}	82.58	-4.64	98.22	98.33	93	
L_{Ma}	46.95	-56.34	43.46	71.15	142	
C_{Ma}	54.62	-26.2	-28.68	38.85	228	
V_{Ma}	20.01	45.2	-52.87	69.56	311	
M_{Ma}	40.88	70.68	-29.99	76.78	337	
N_{Ma}	15.0	0.0	0.0	0.0	0	
W_{Ma}	90.0	0.0	0.0	0.0	0	
O_{Ma}	39.92	58.74	27.99	65.07	25	
Y_{Ma}	81.26	-2.89	71.56	71.62	92	
L_{Ma}	52.23	-42.42	13.6	44.55	162	
V_{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 42 51

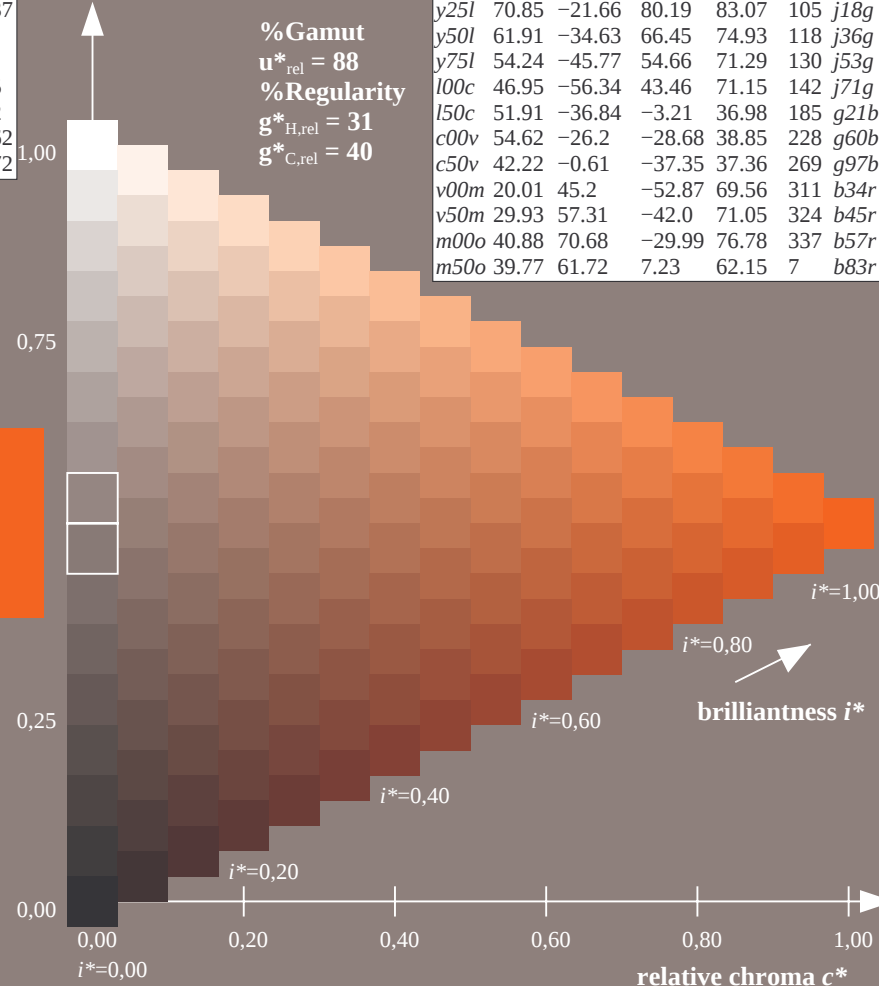
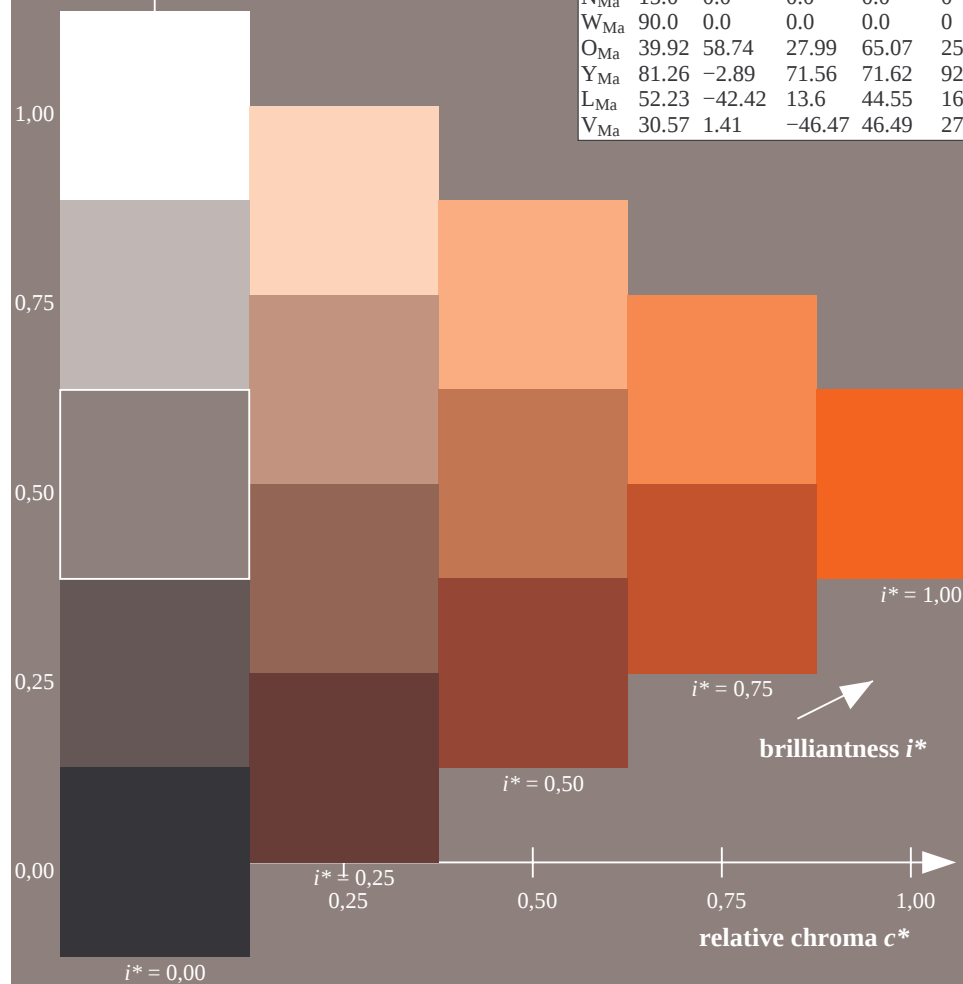
$LAB^*LCH^*_{Ma}$: 47 66 50

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

$u^*_d = o50y$

data for any colour:

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

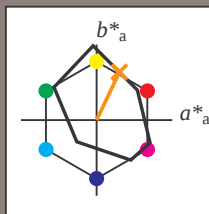
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 57 30 63

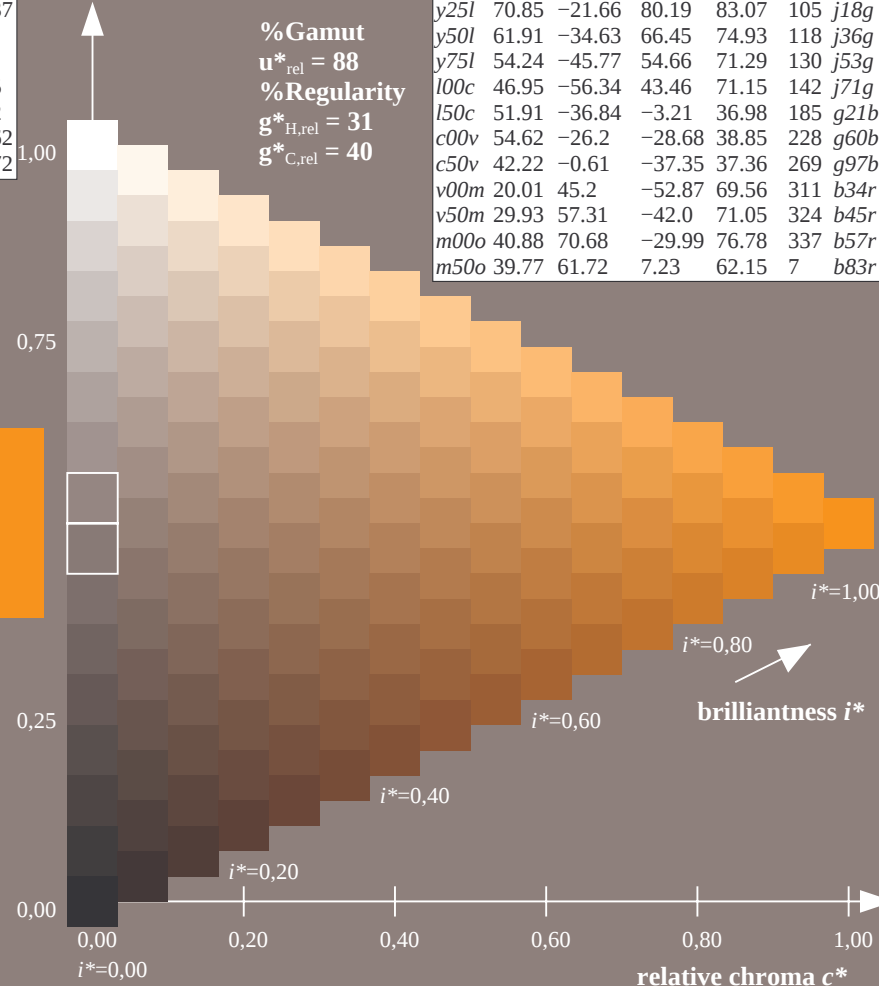
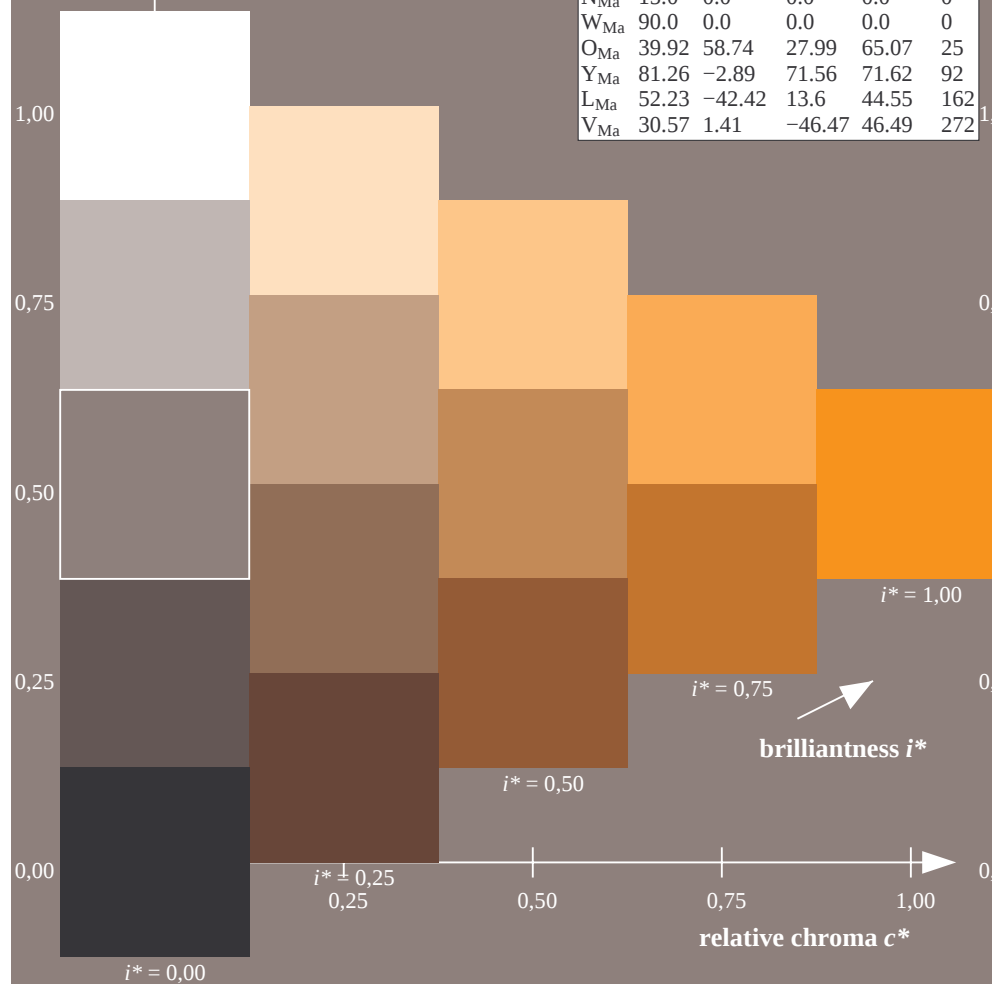
$LAB^*LCH^*_{Ma}$: 57 70 64

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$
 data for any colour:

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

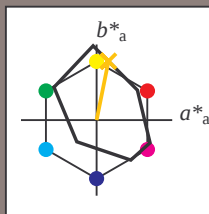
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 16 78

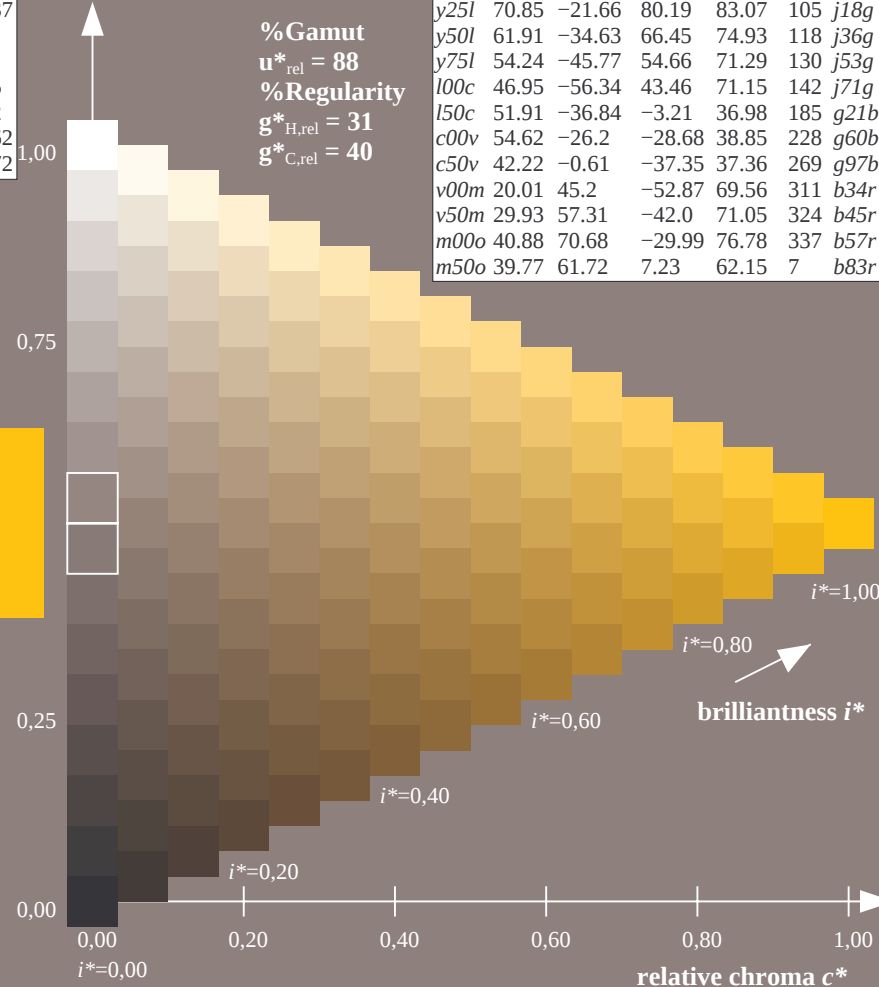
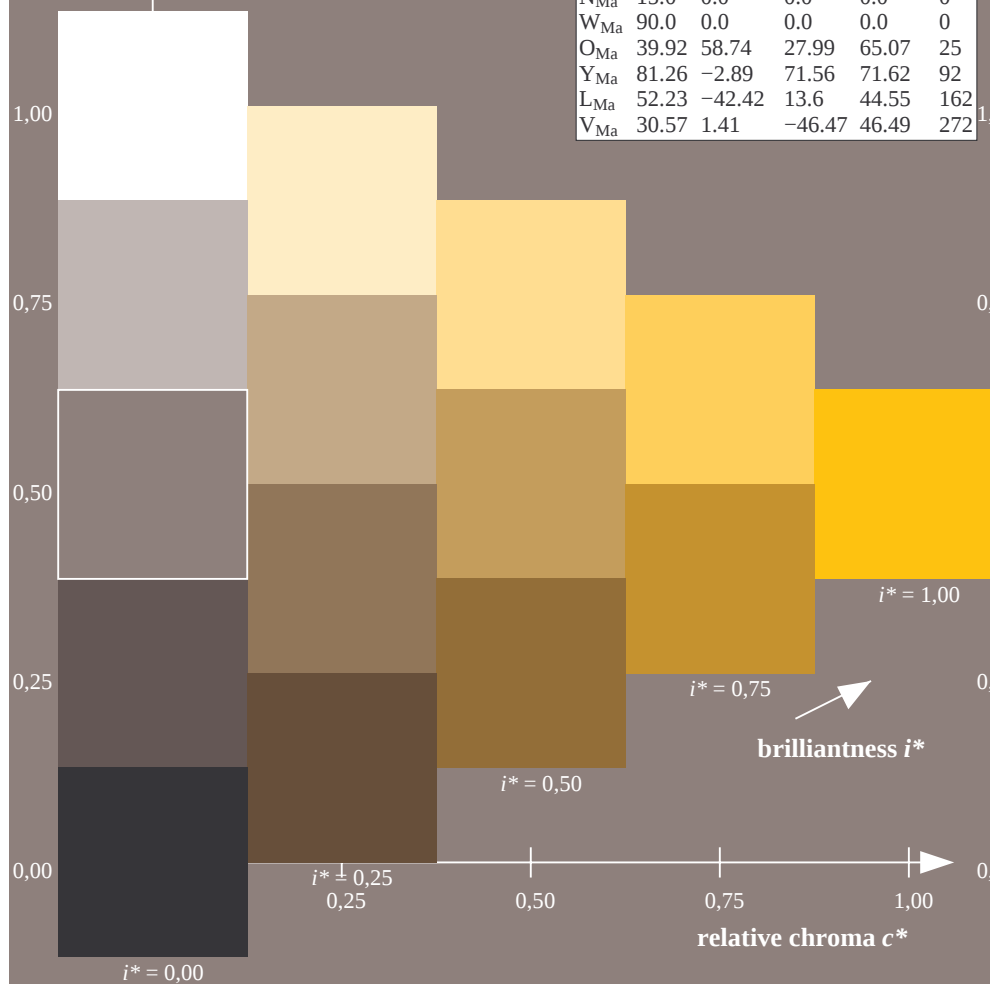
$LAB^*LCH^*_{Ma}$: 67 79 78

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$

data for any colour:

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

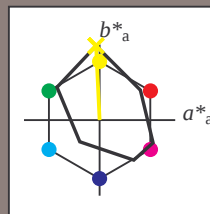
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -5 98

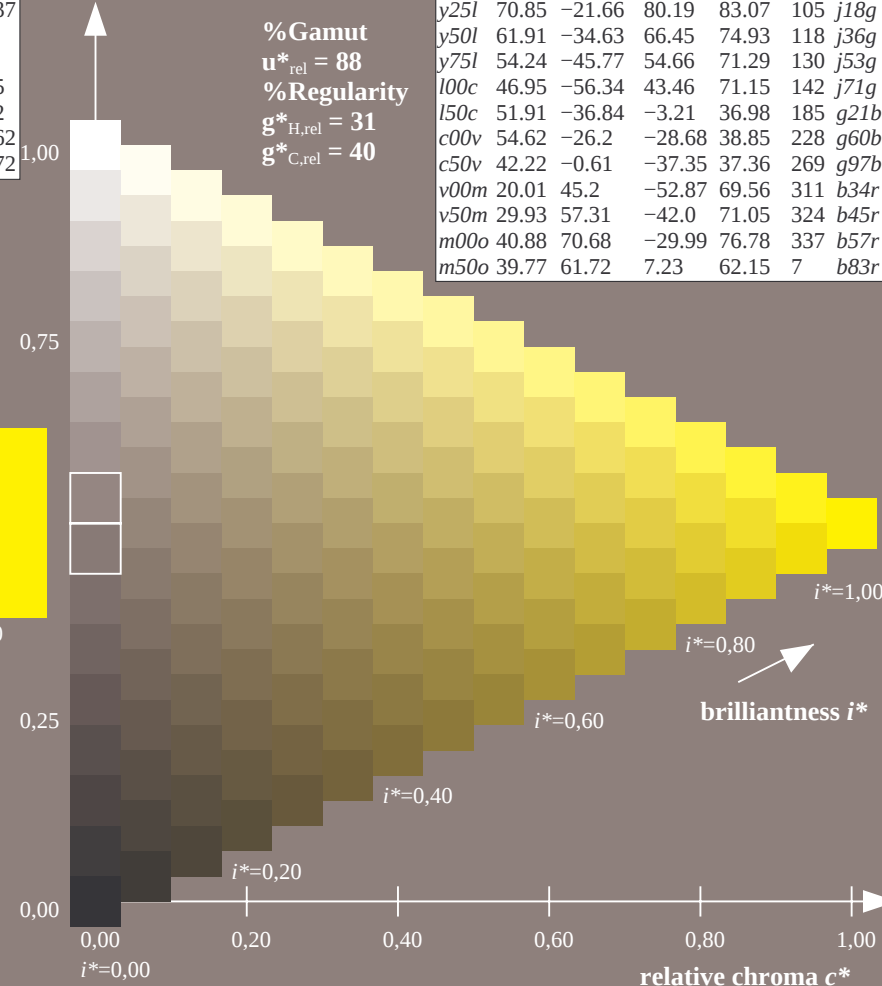
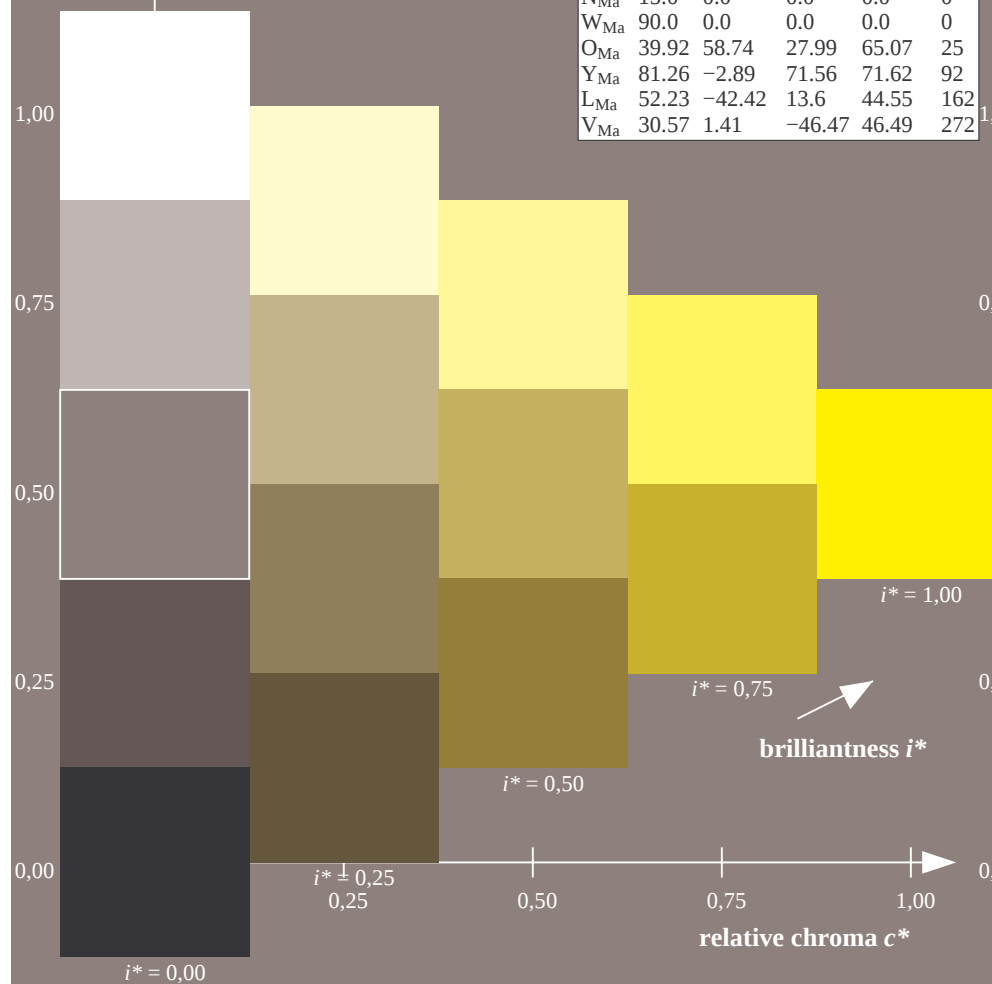
$LAB^*LCH^*_{Ma}$: 83 98 92

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$

data for any colour:

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

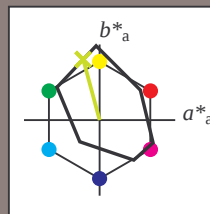
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 71 -22 80$

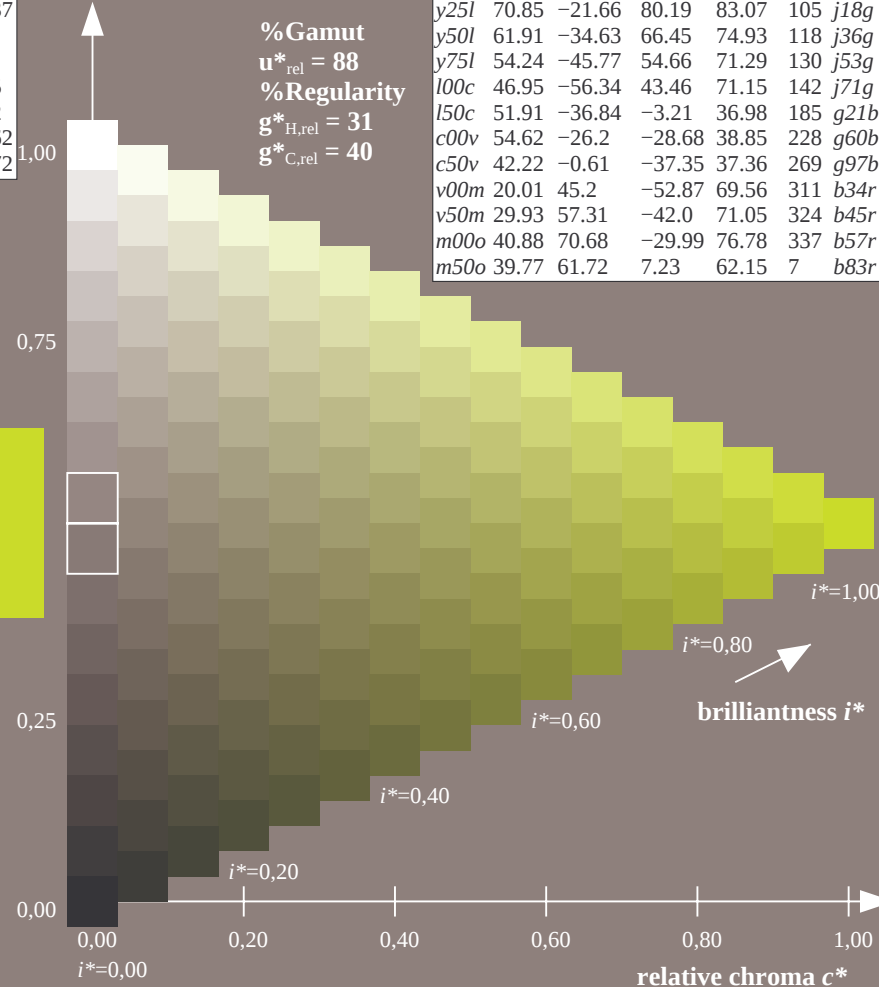
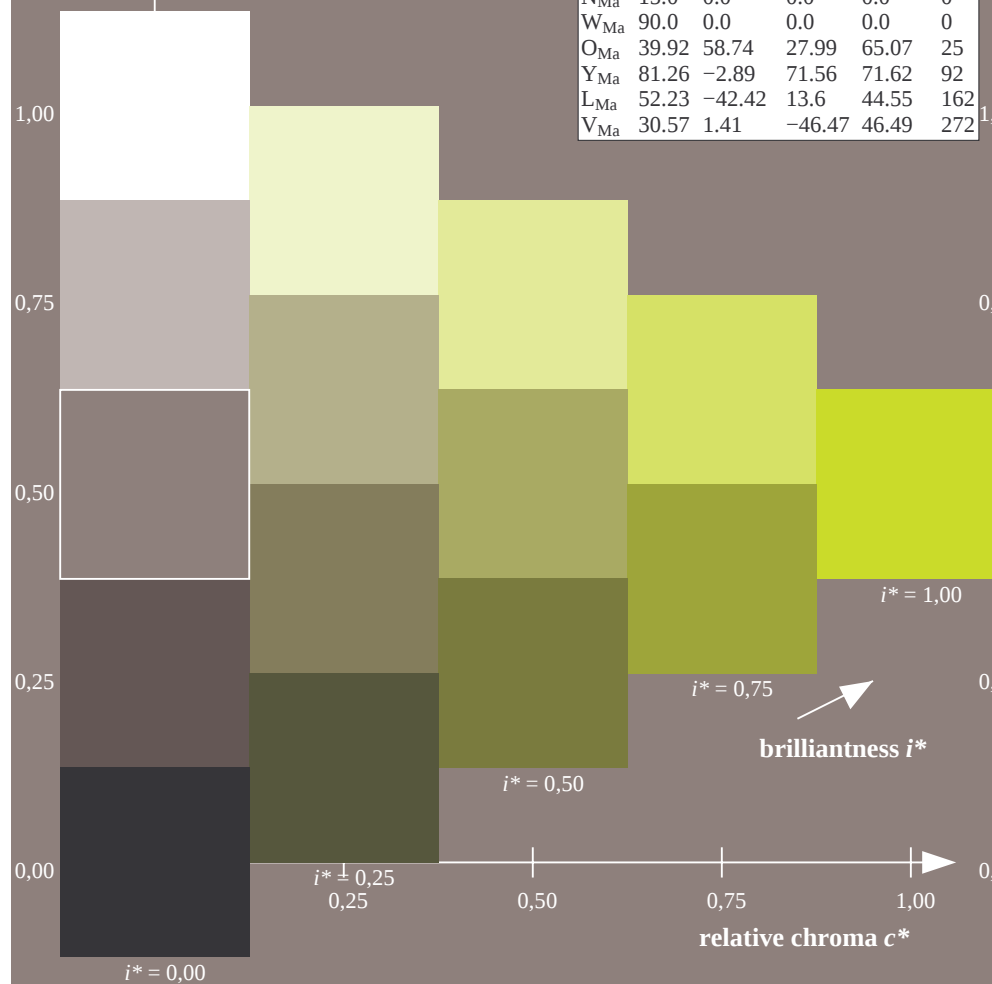
$LAB^*LCH^*_{Ma}: 71 83 105$

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

$u^*_d = y50l$

data for any colour:

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

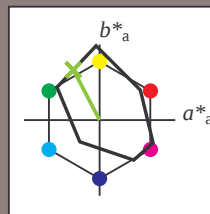
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 62 -35 66$

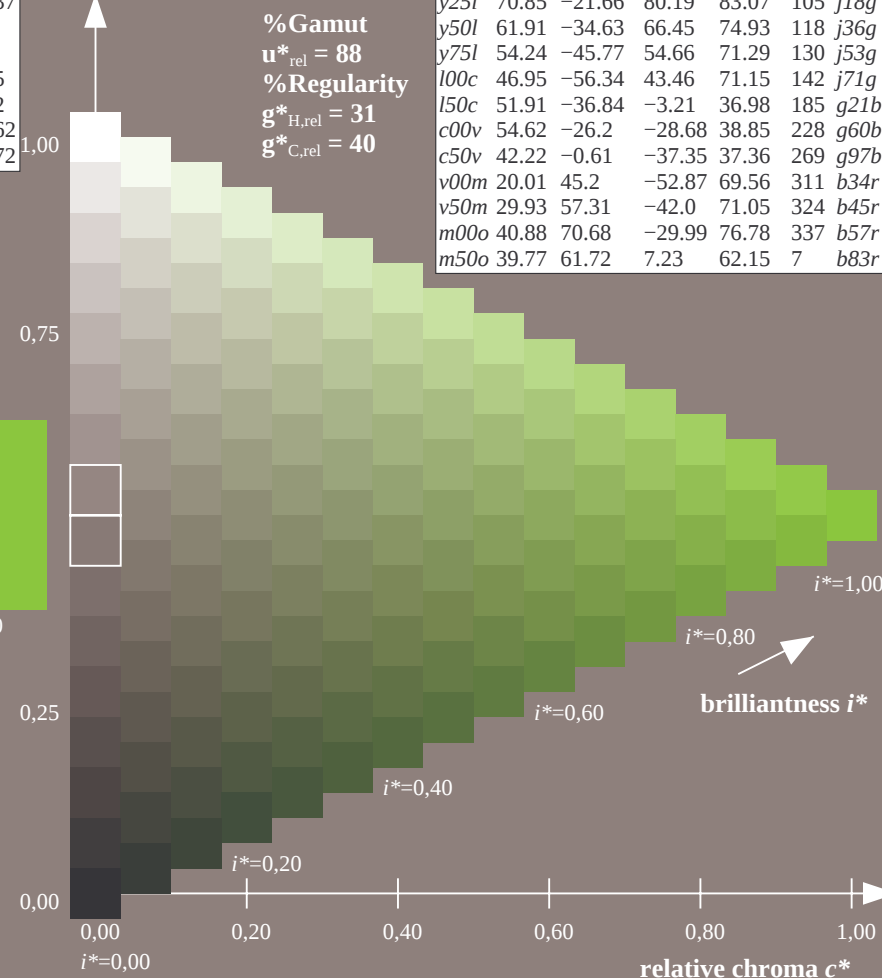
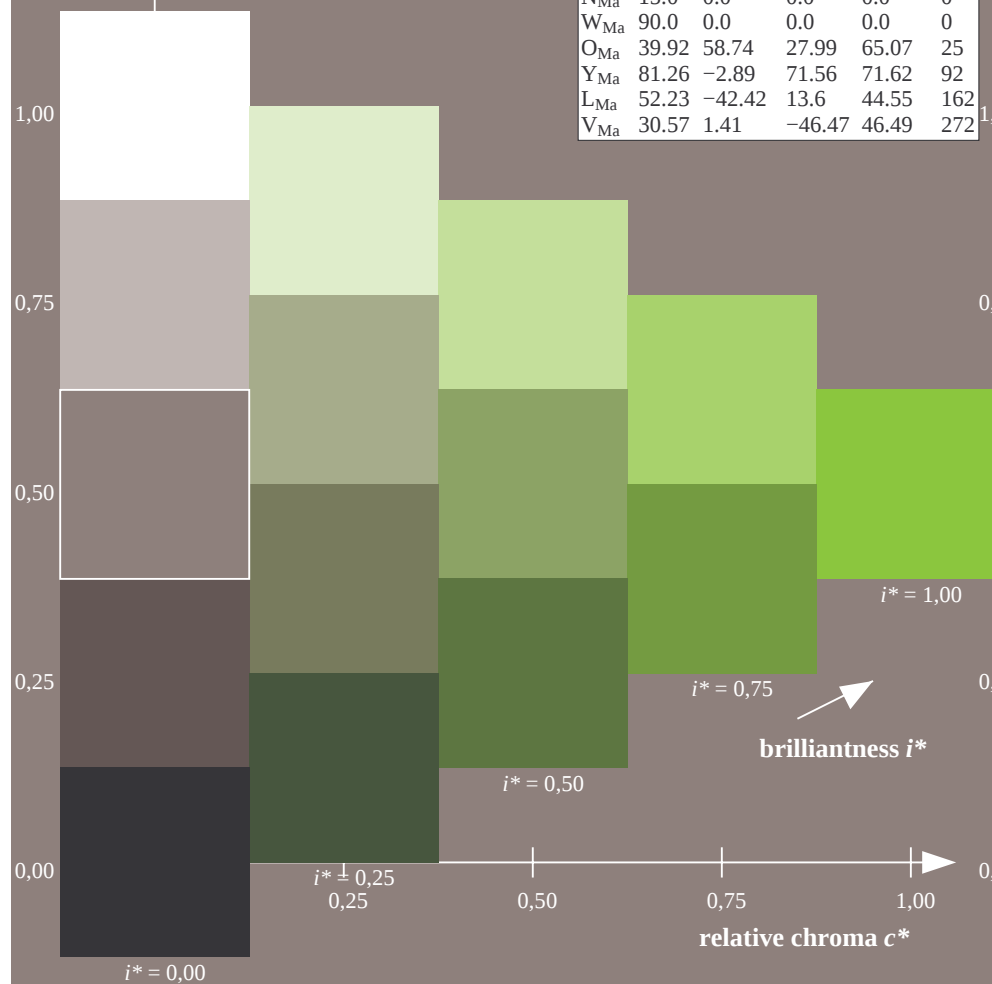
$LAB^*LCH^*_{Ma}: 62 75 117$

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

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

triangle lightness t^*

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

$u^*_d = y75l$

data for any colour:

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

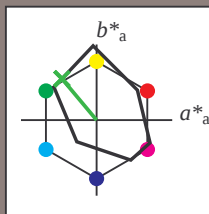
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -46 55

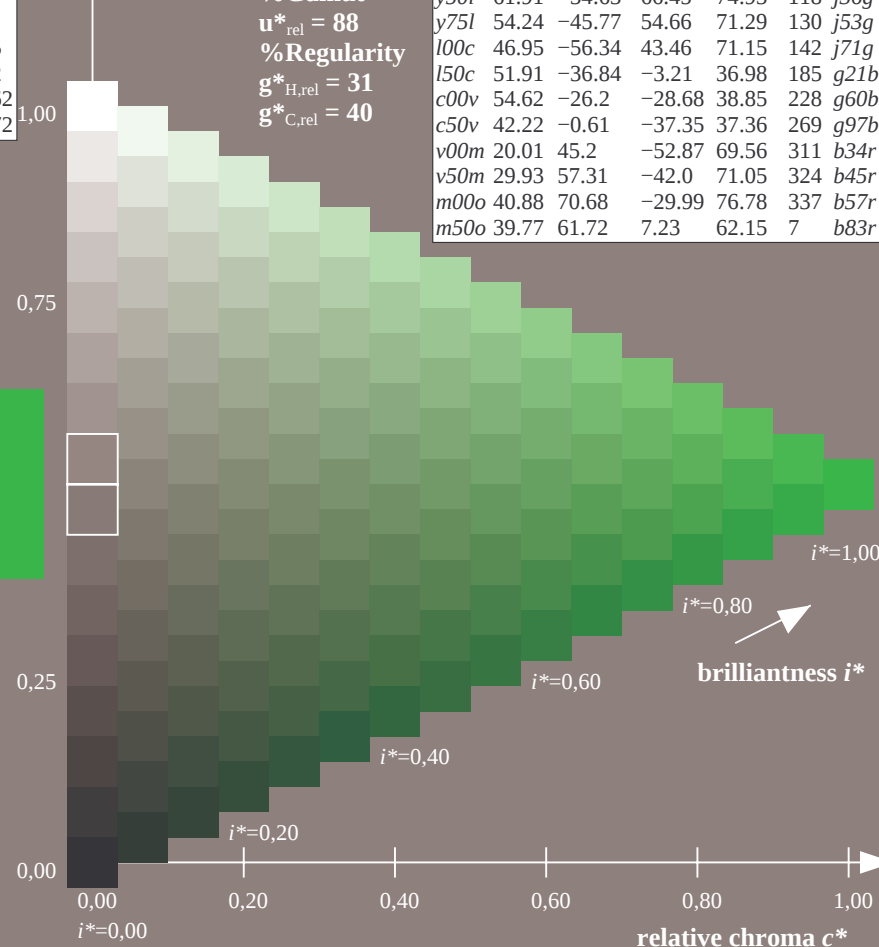
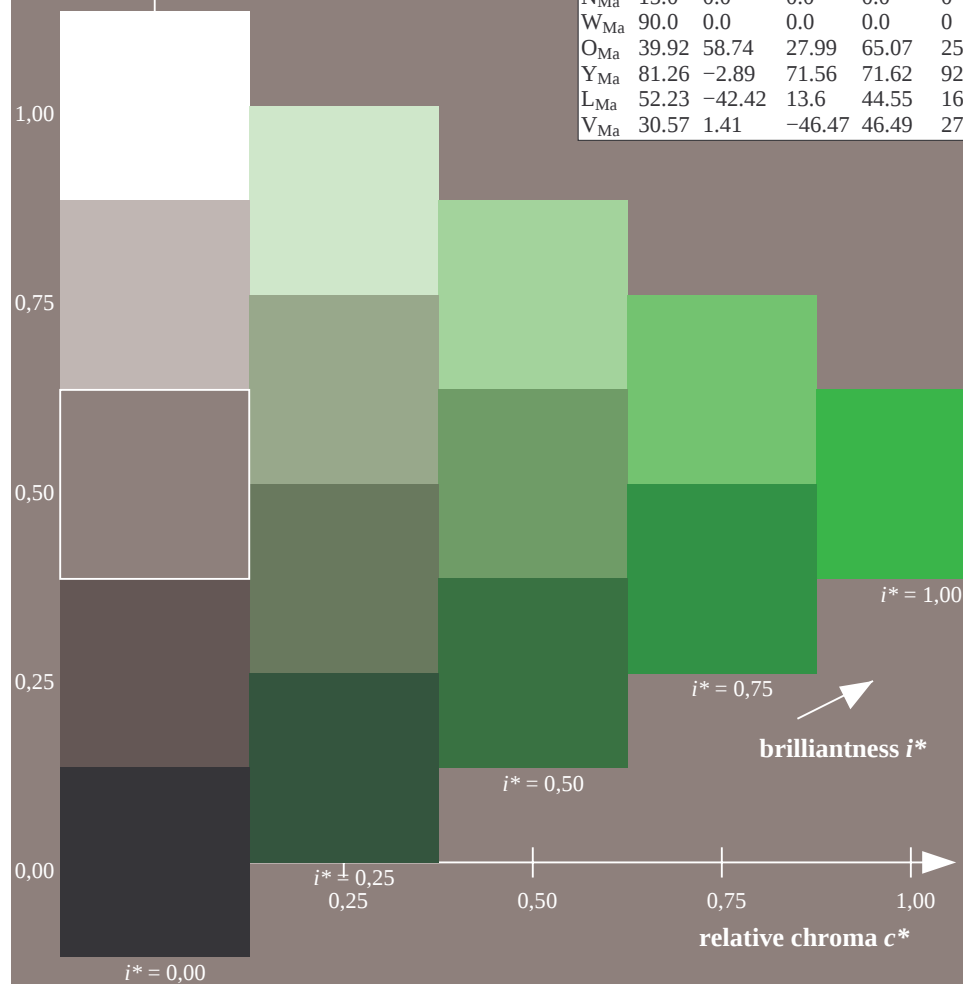
$LAB^*LCH^*_{Ma}$: 54 71 129

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

$u^*_d = 100c$

data for any colour:

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

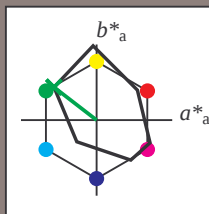
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -56 43

$LAB^*LCH^*_{Ma}$: 47 71 142

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

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

triangle lightness t^*

%Gamut

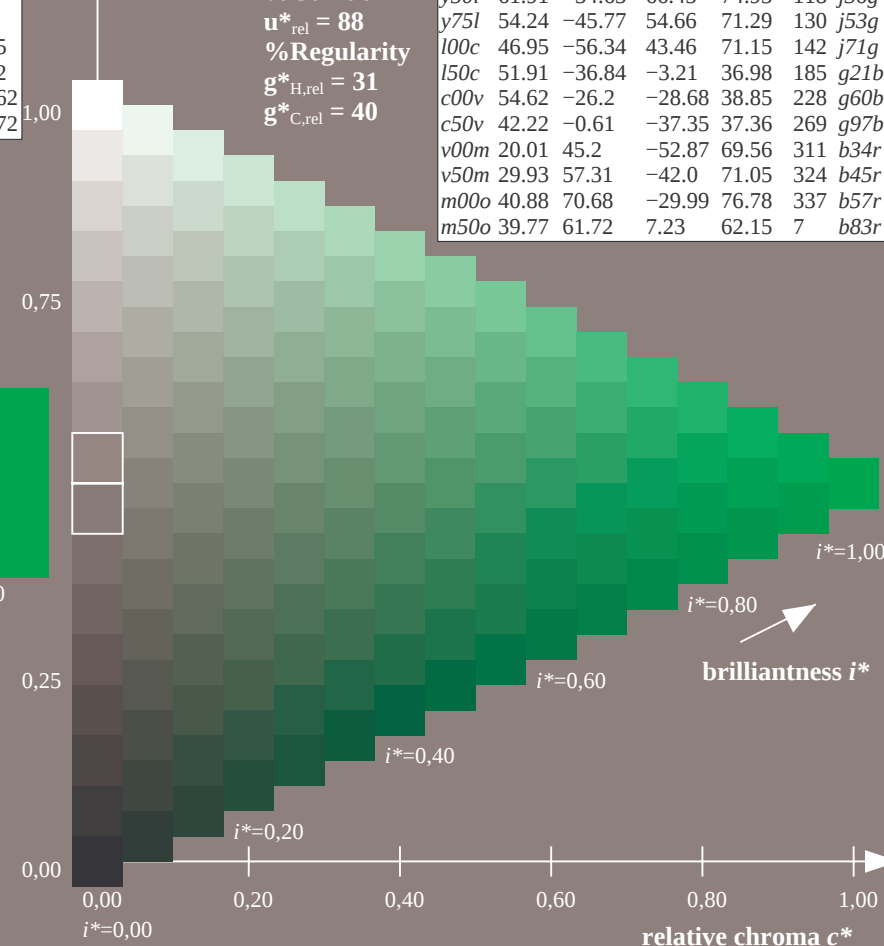
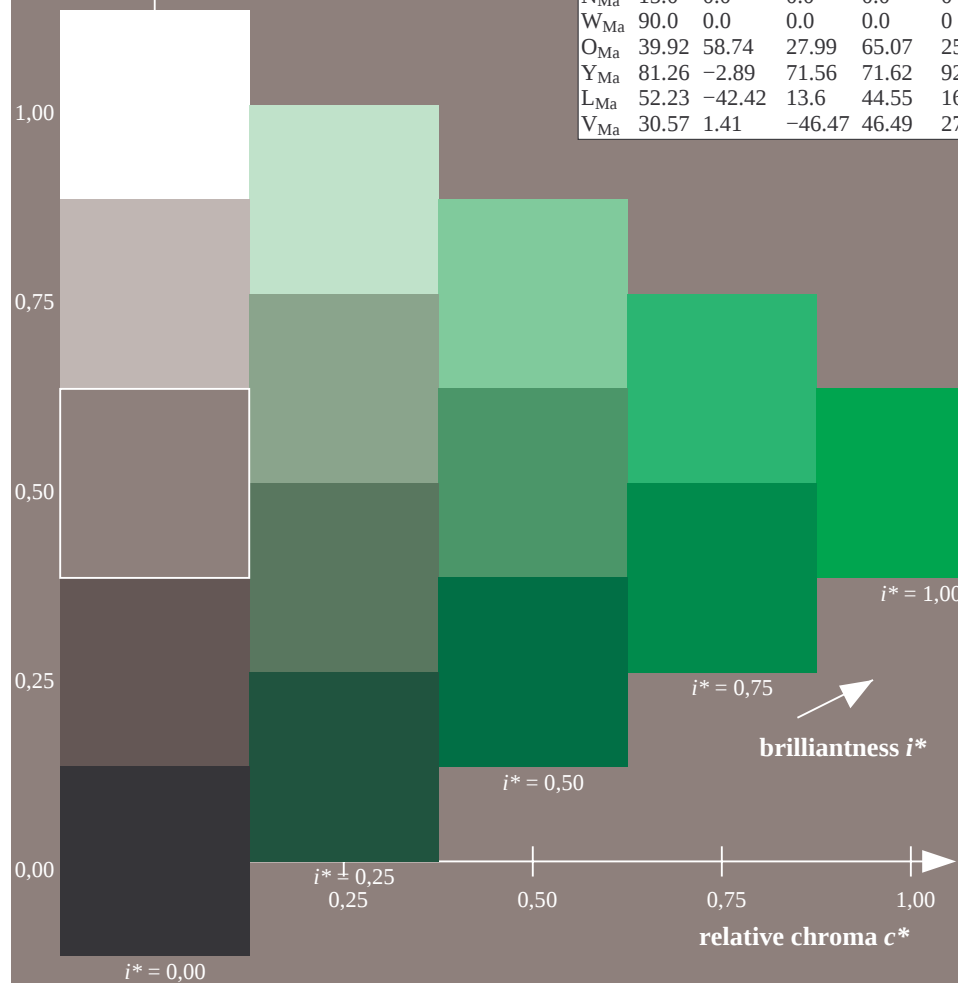
$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

$u^*_d = 150c$

data for any colour:

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

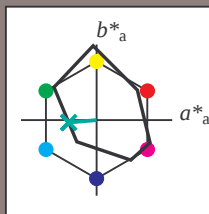
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 52 \ -37 \ -3$

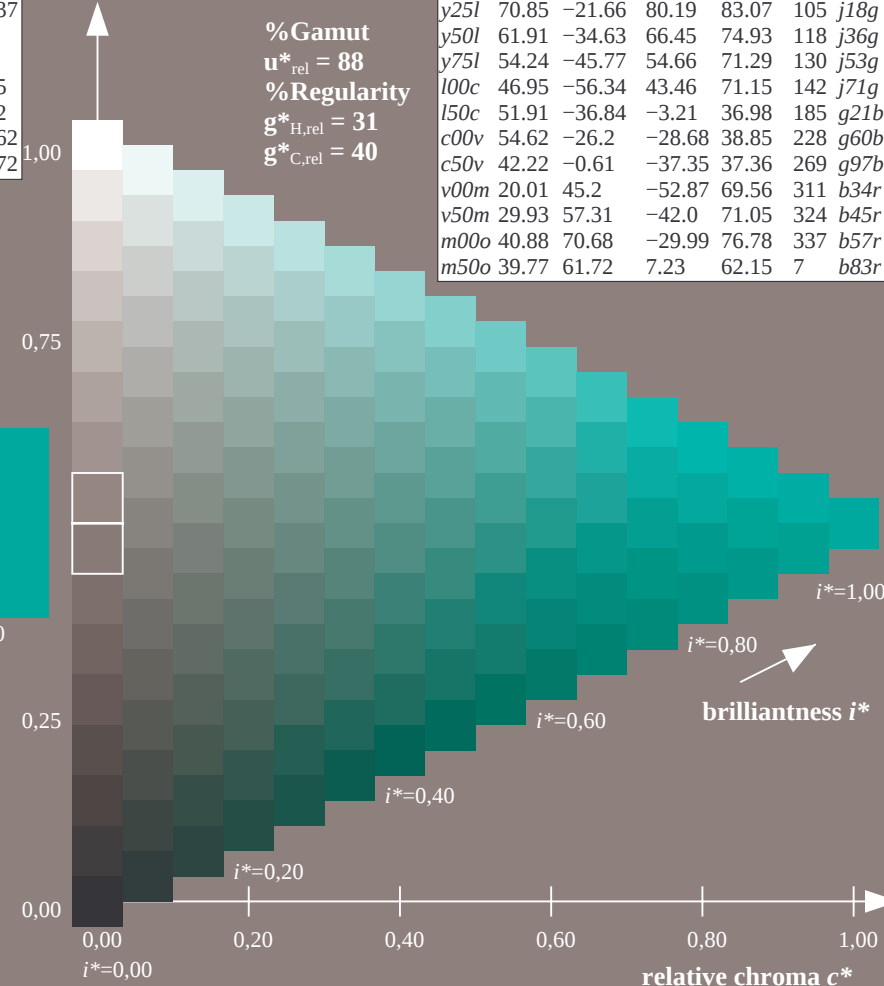
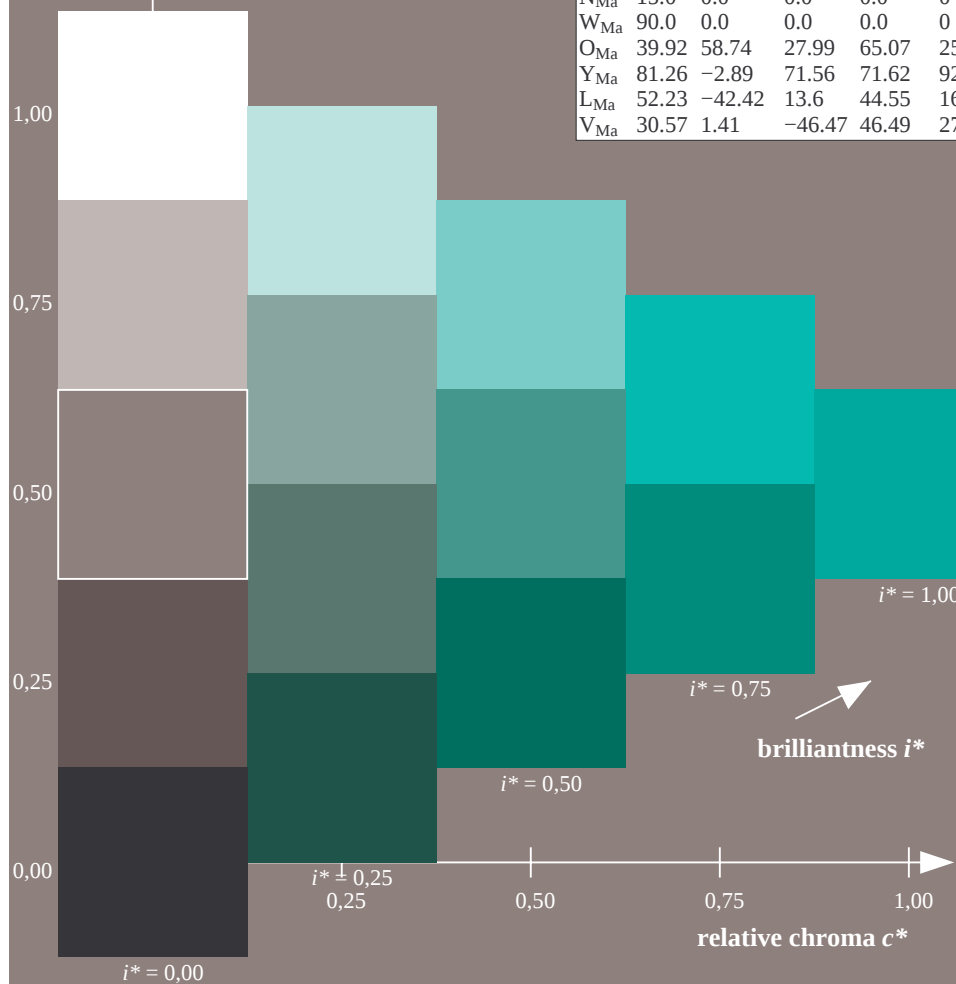
$LAB^*LCH^*_{Ma}: 52 \ 37 \ 184$

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$

data for any colour:

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

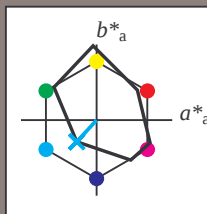
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -26 -29

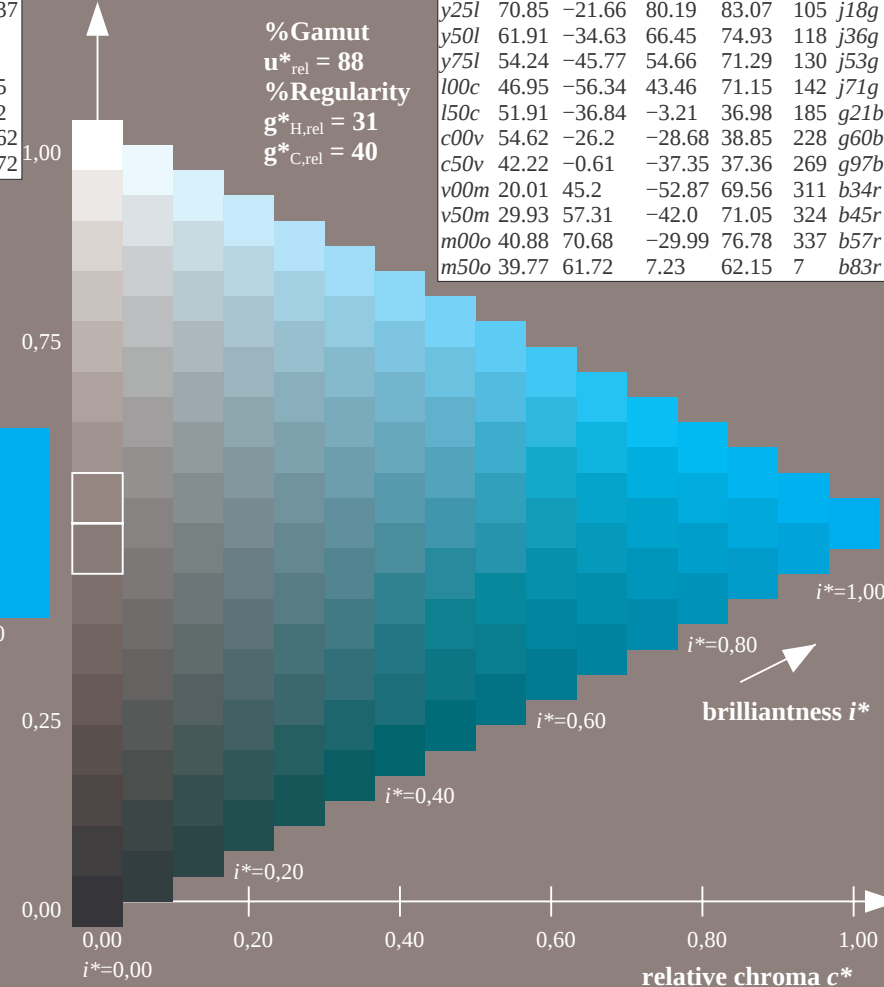
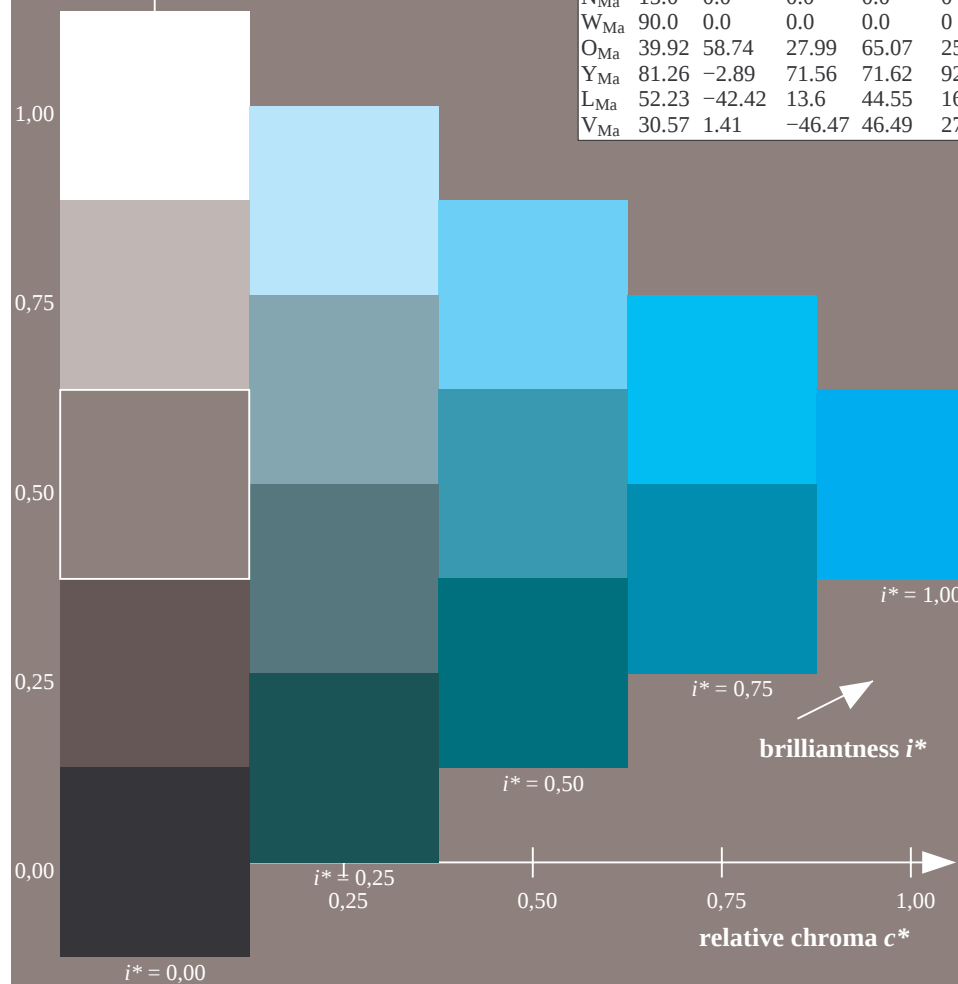
$LAB^*LCH^*_{Ma}$: 55 39 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.81 1.0

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

$u^*_d = c50v$

data for any colour:

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

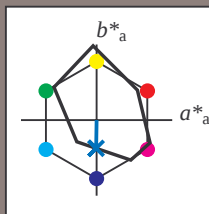
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 -1 -37

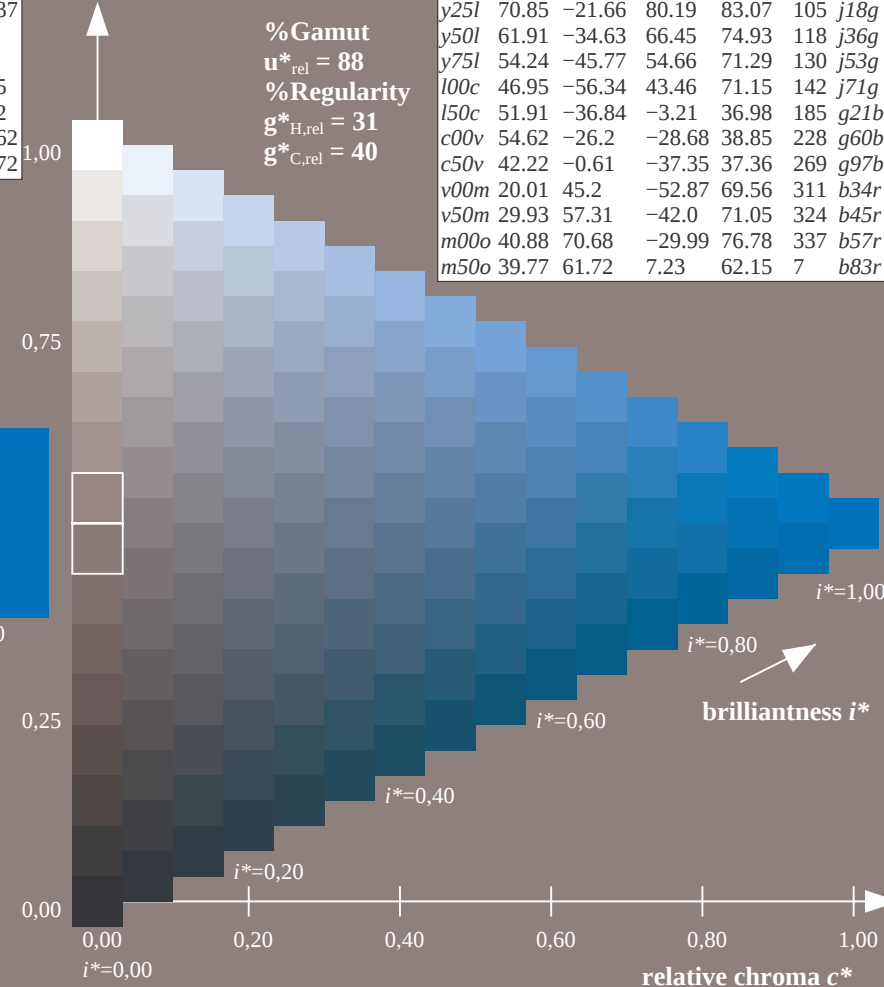
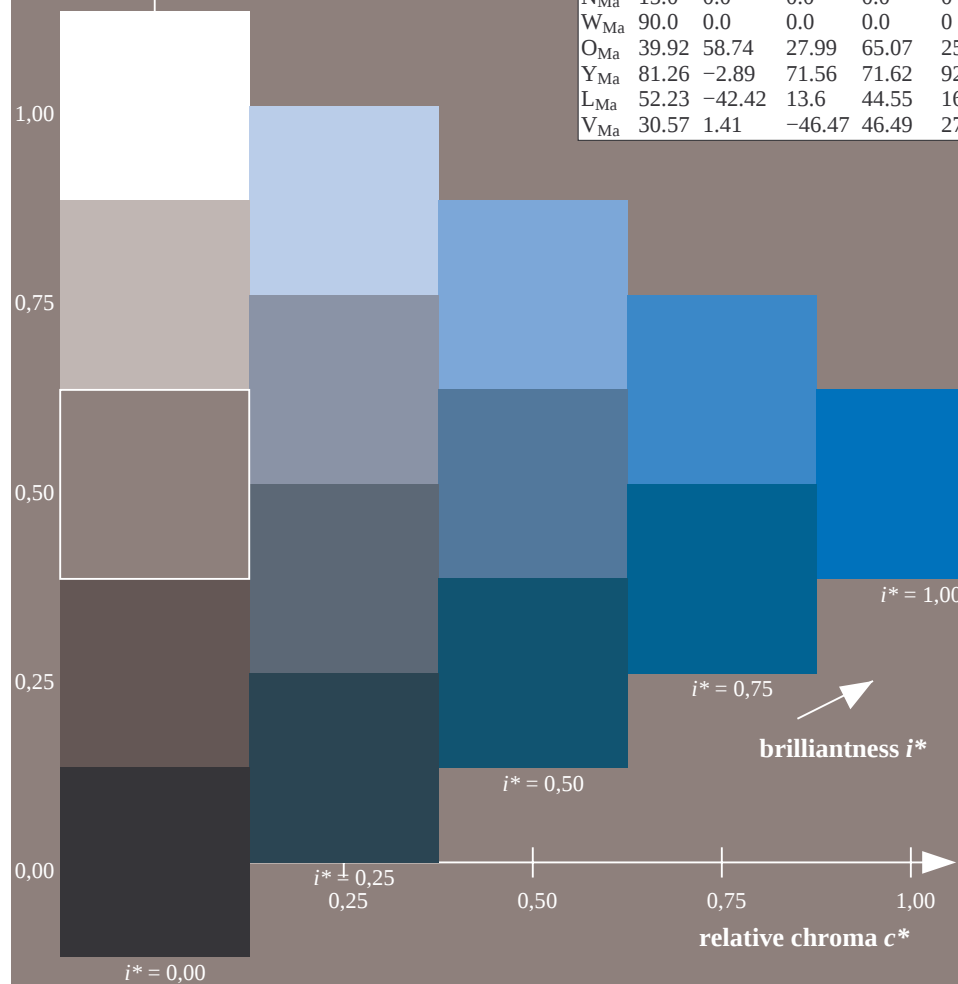
$LAB^*LCH^*_{Ma}$: 42 37 269

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

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

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

$u^*_d = v00m$

data for any colour:

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

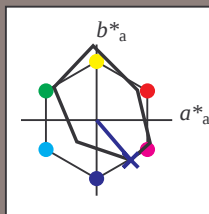
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	38.8	53.92	39.68	66.95	36	
Y_{Ma}	82.58	-4.64	98.22	98.33	93	
L_{Ma}	46.95	-56.34	43.46	71.15	142	
C_{Ma}	54.62	-26.2	-28.68	38.85	228	
V_{Ma}	20.01	45.2	-52.87	69.56	311	
M_{Ma}	40.88	70.68	-29.99	76.78	337	
N_{Ma}	15.0	0.0	0.0	0.0	0	
W_{Ma}	90.0	0.0	0.0	0.0	0	
O_{Ma}	39.92	58.74	27.99	65.07	25	
Y_{Ma}	81.26	-2.89	71.56	71.62	92	
L_{Ma}	52.23	-42.42	13.6	44.55	162	
V_{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 20 45 -53

$LAB^*LCH^*_{Ma}$: 20 70 310

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

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

triangle lightness t^*

%Gamut

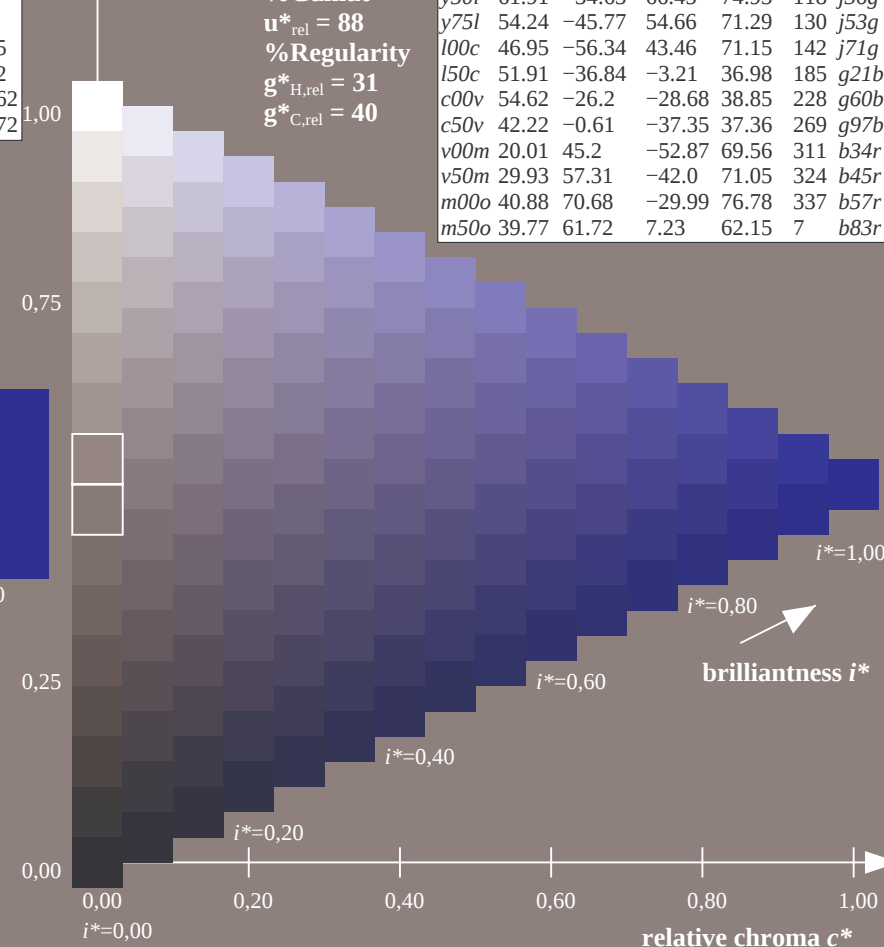
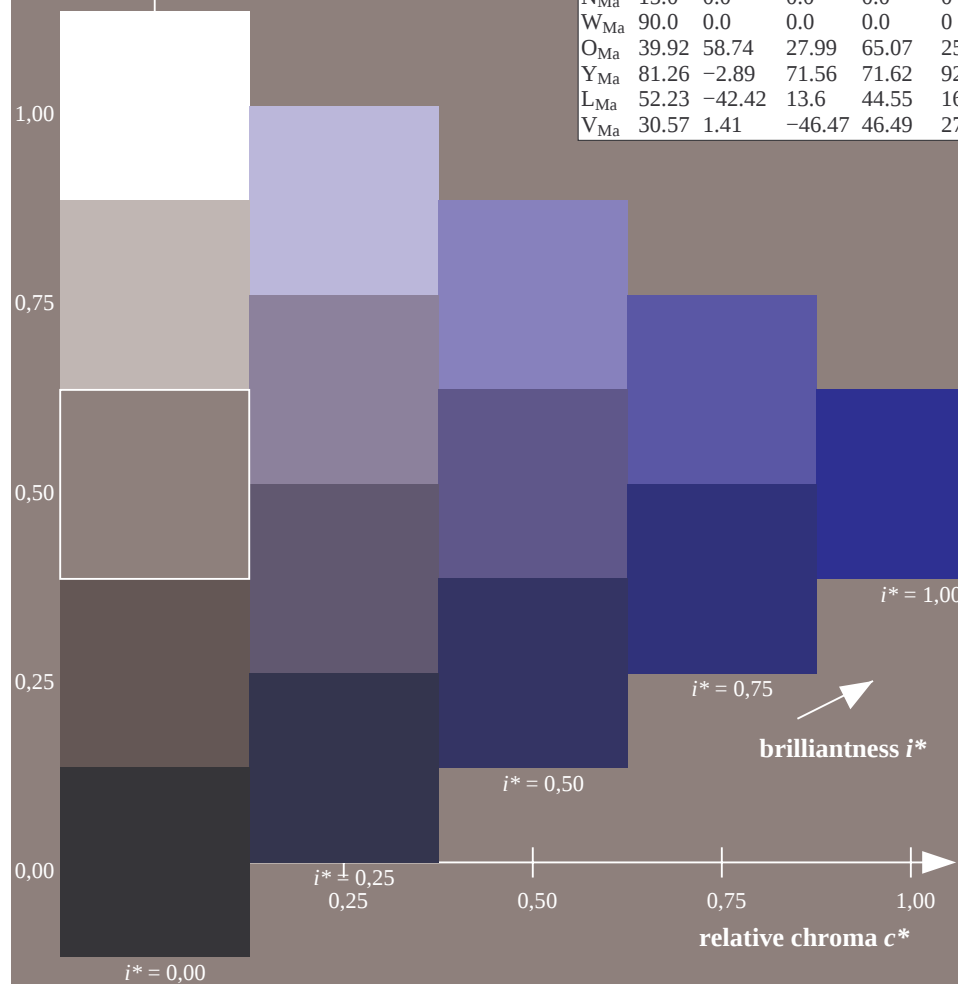
$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

$u^*_d = v50m$

data for any colour:

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

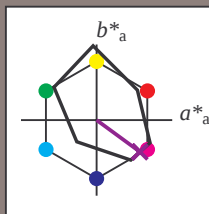
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 57 -42

$LAB^*LCH^*_{Ma}$: 30 71 323

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

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

triangle lightness t^*

%Gamut

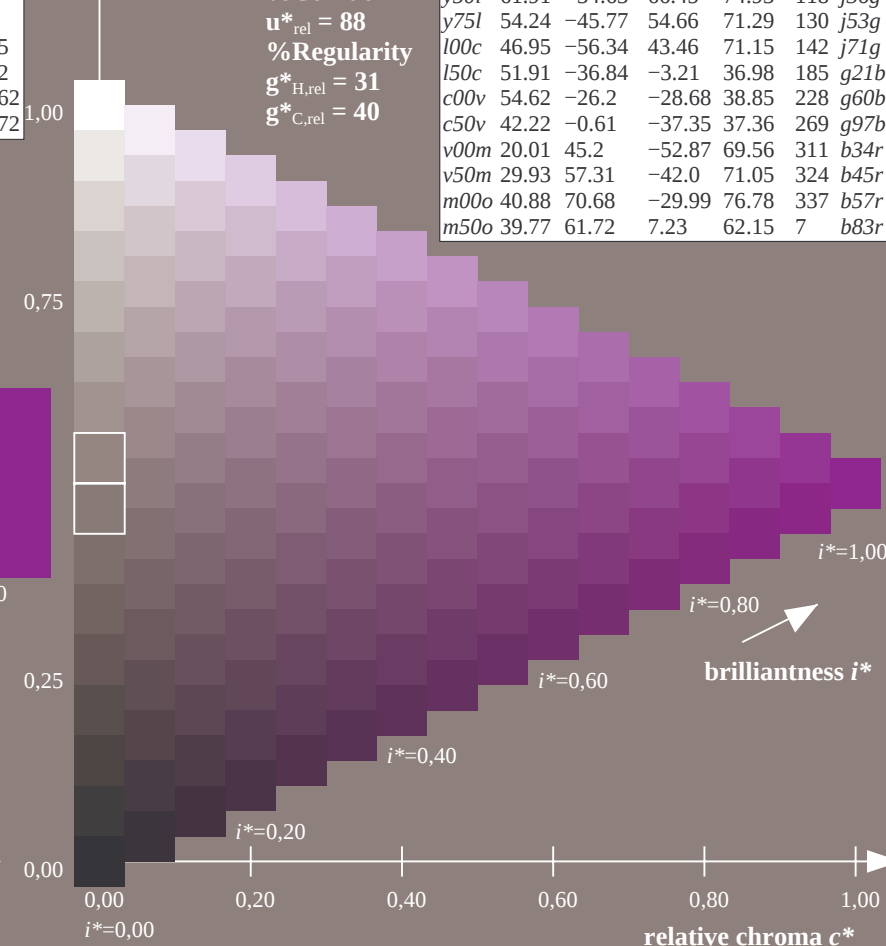
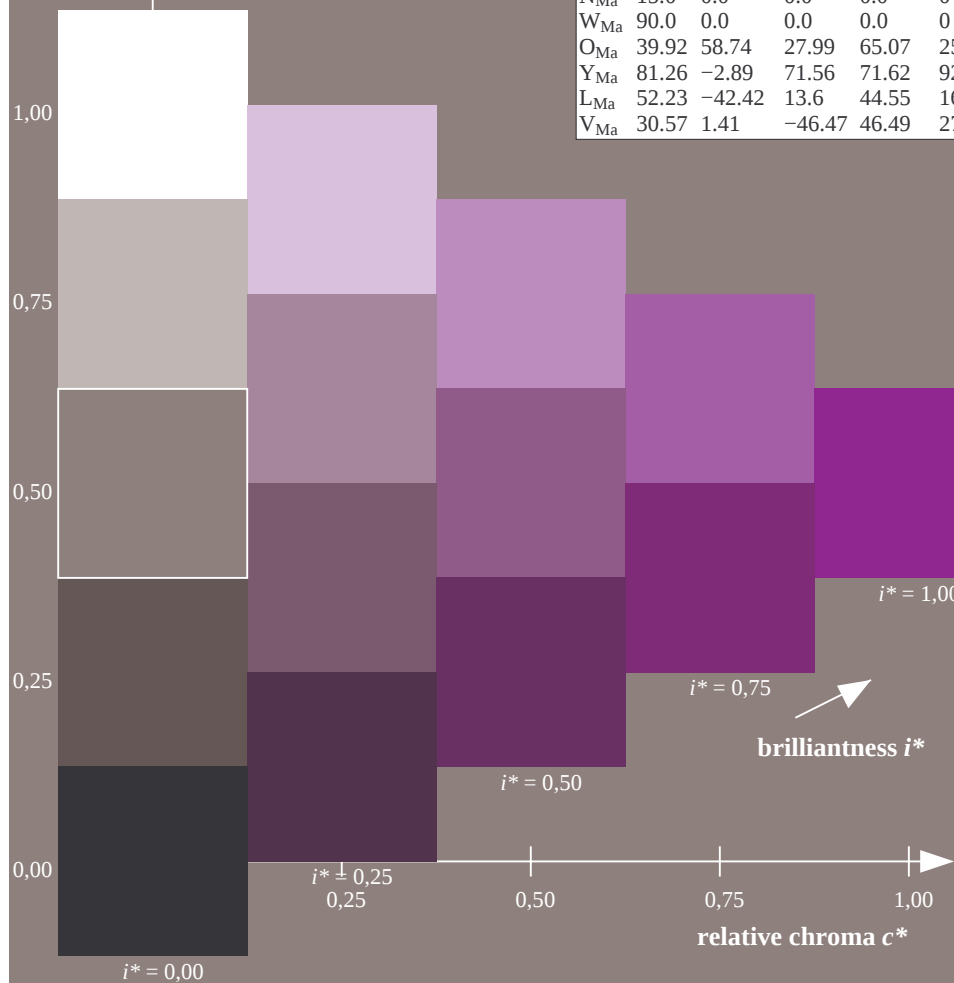
$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$

data for any colour:

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

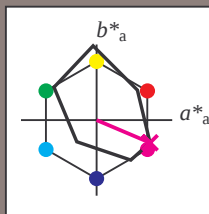
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 71 -30

$LAB^*LCH^*_{Ma}$: 41 77 337

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

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

triangle lightness t^*

%Gamut

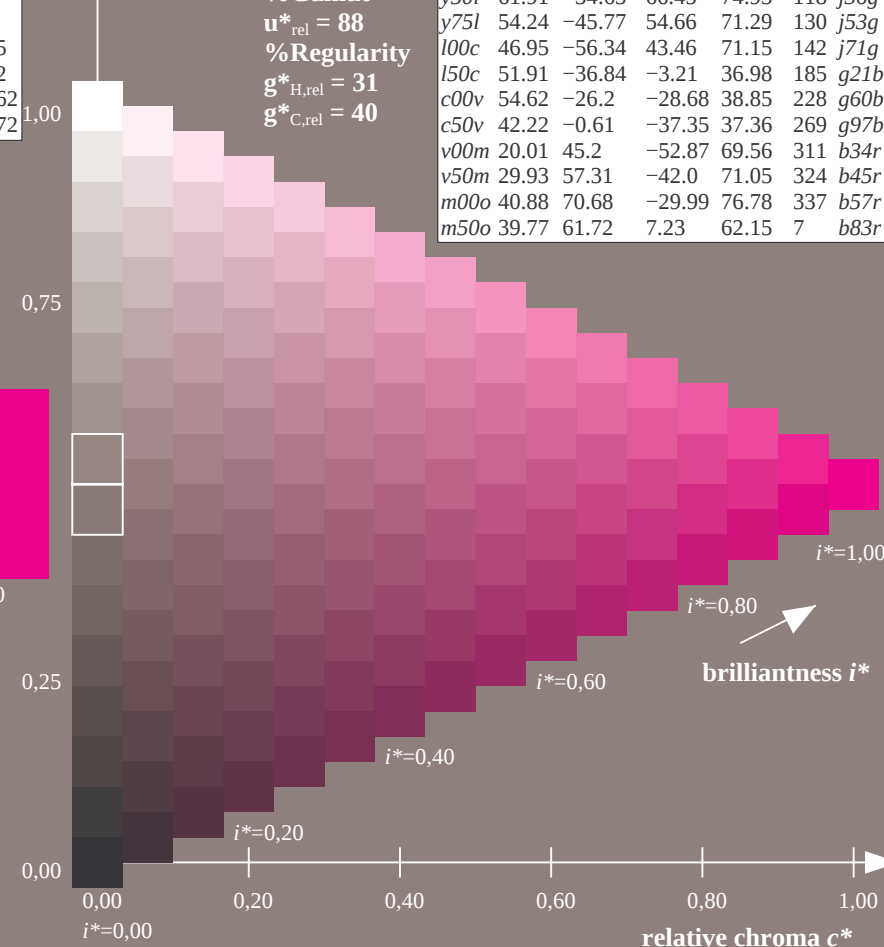
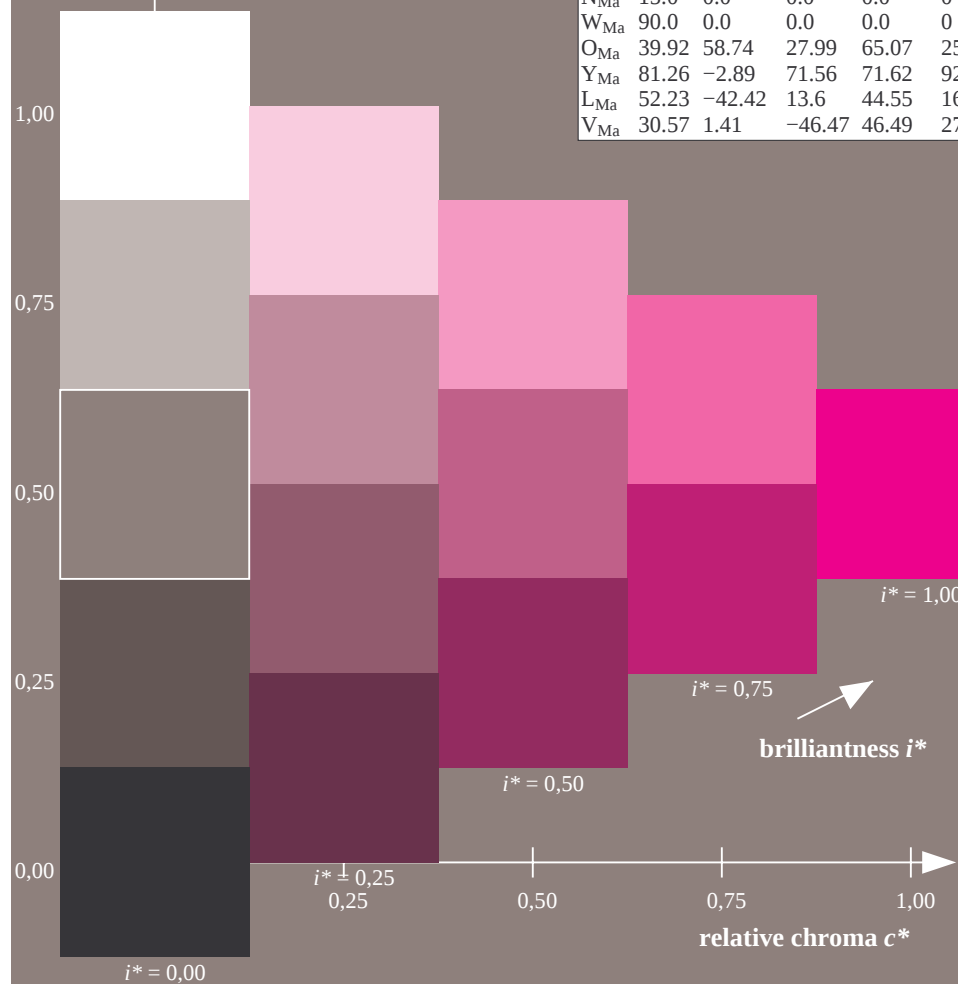
$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

$u^*_d = m50o$

data for any colour:

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

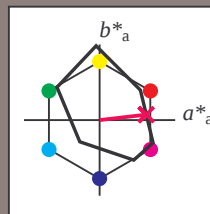
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 40 62 7

$LAB^*LCH^*_{Ma}$: 40 62 6

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

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

triangle lightness t^*

%Gamut

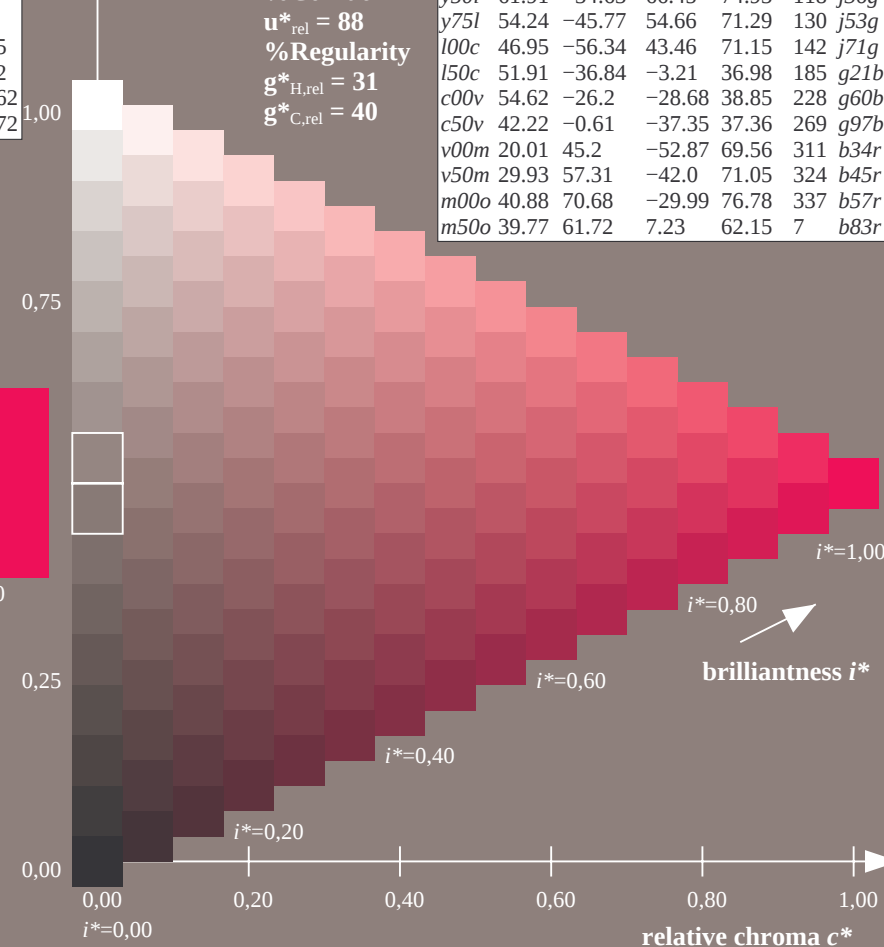
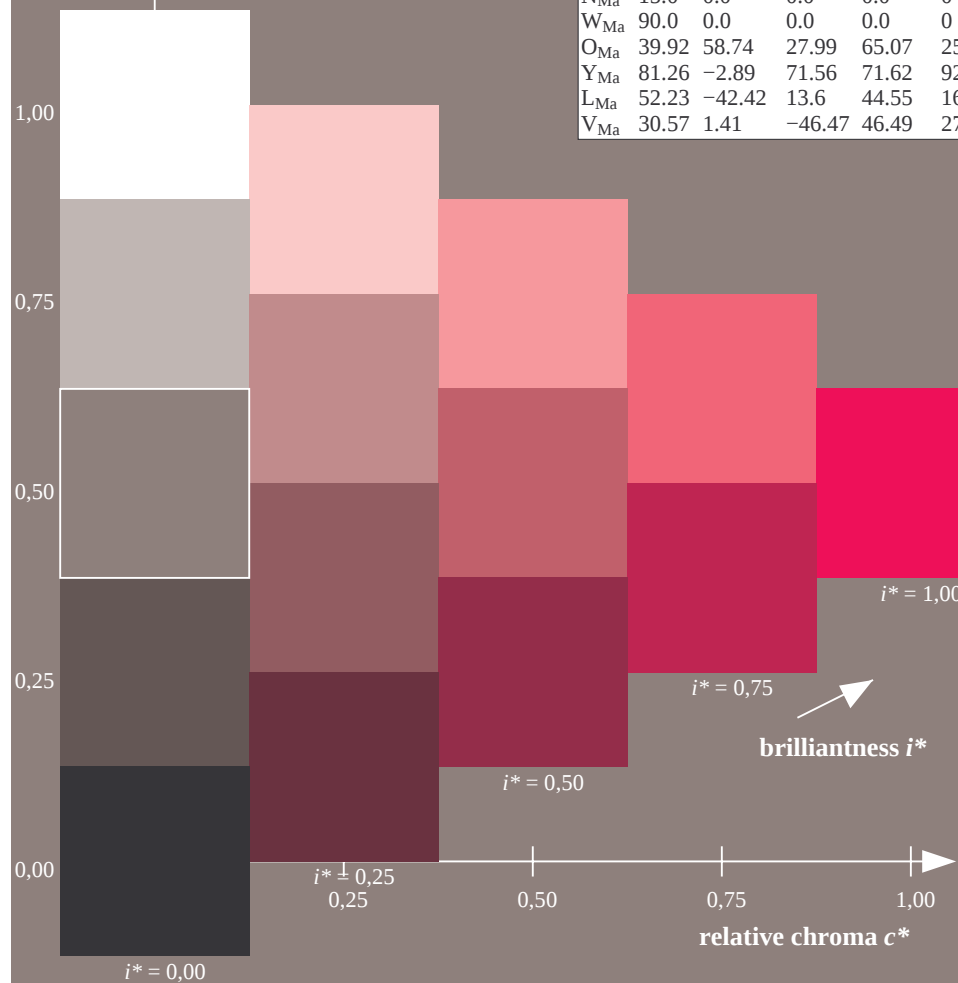
$u^*_{rel} = 88$

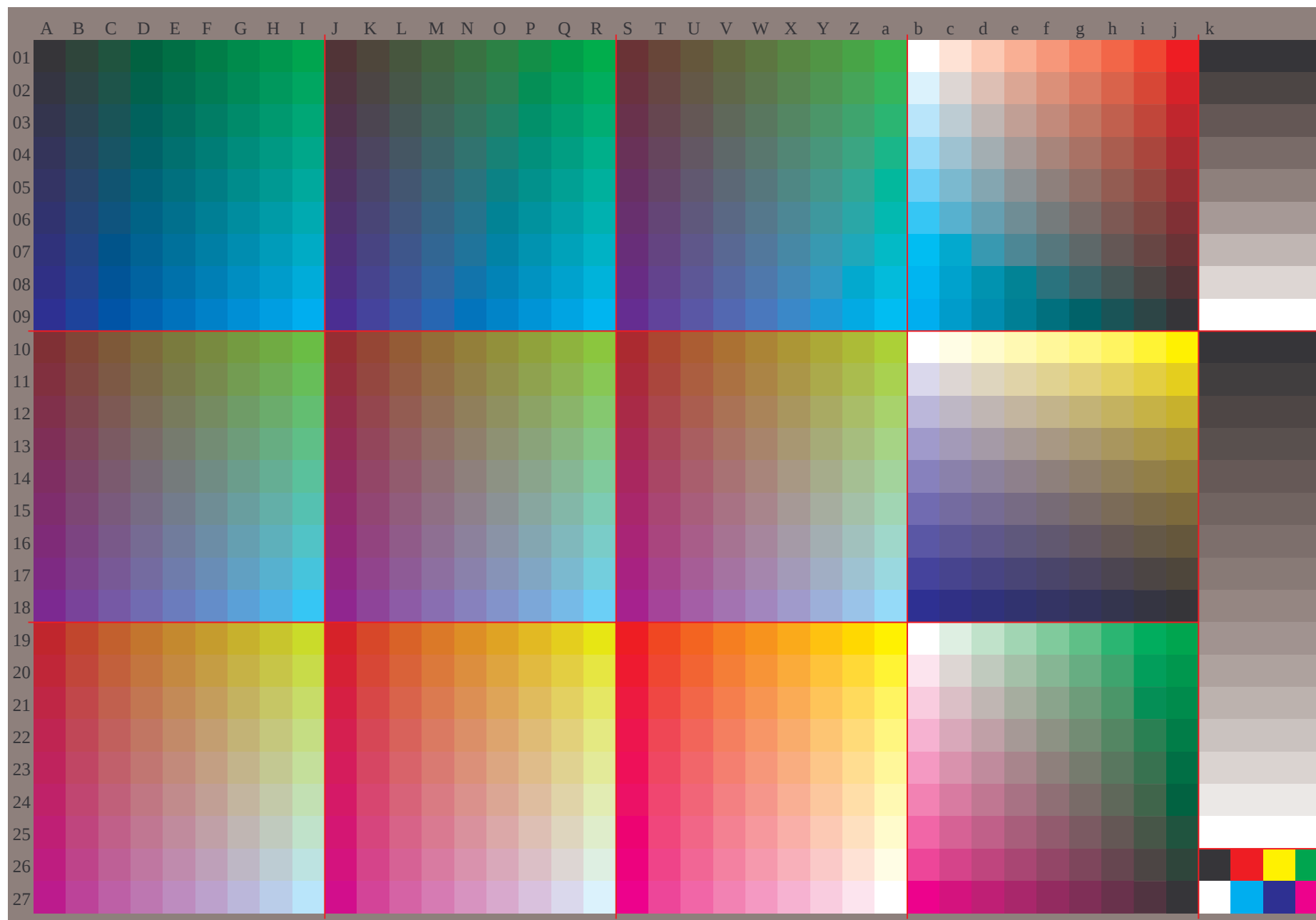
%Regularity

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

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

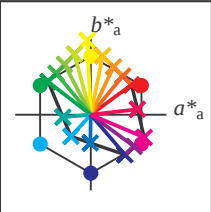
FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	





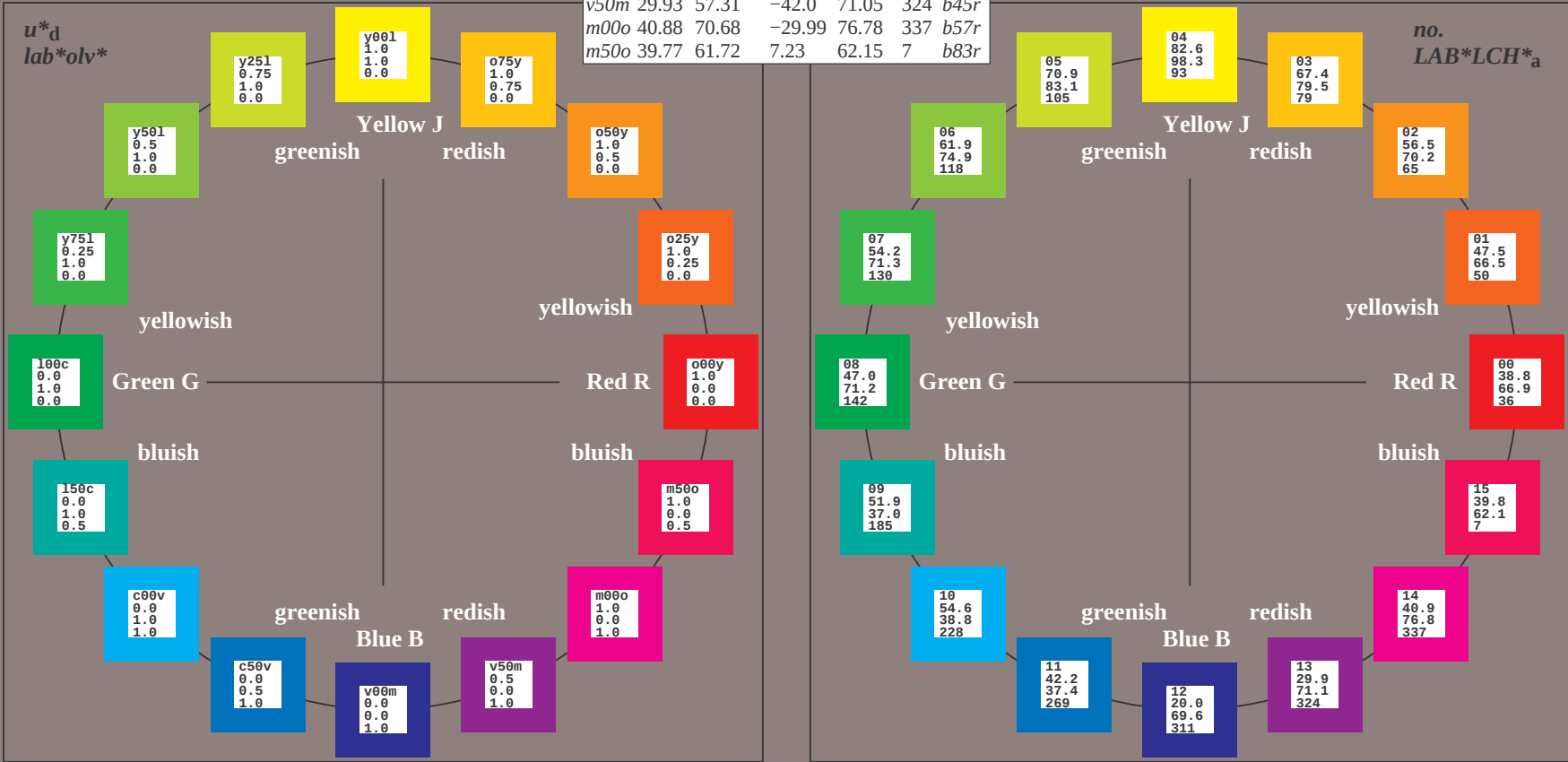
Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
 u^*_d and number $no.$ = 00 .. 15
device hue text:
 $u^*_d = 16$ hues $o00y, o25y, \dots, m50o$
contrast reduction factor:
 $c_R = 0.9$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	38.8	53.92	39.68	66.95	36
Y_{Ma}	82.58	-4.64	98.22	98.33	93
L_{Ma}	46.95	-56.34	43.46	71.15	142
C_{Ma}	54.62	-26.2	-28.68	38.85	228
V_{Ma}	20.01	45.2	-52.87	69.56	311
M_{Ma}	40.88	70.68	-29.99	76.78	337
N_{Ma}	15.0	0.0	0.0	0.0	0
W_{Ma}	90.0	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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.101$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

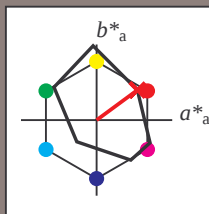
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma$: 39 54 40

$LAB \cdot LCH \cdot Ma$: 39 67 36

$lab \cdot olv \cdot Ma$: 1.0 0.0 0.0

$lab \cdot rgb \cdot Ma$: 1.0 0.16 0.0

triangle lightness t^*

% Gamut

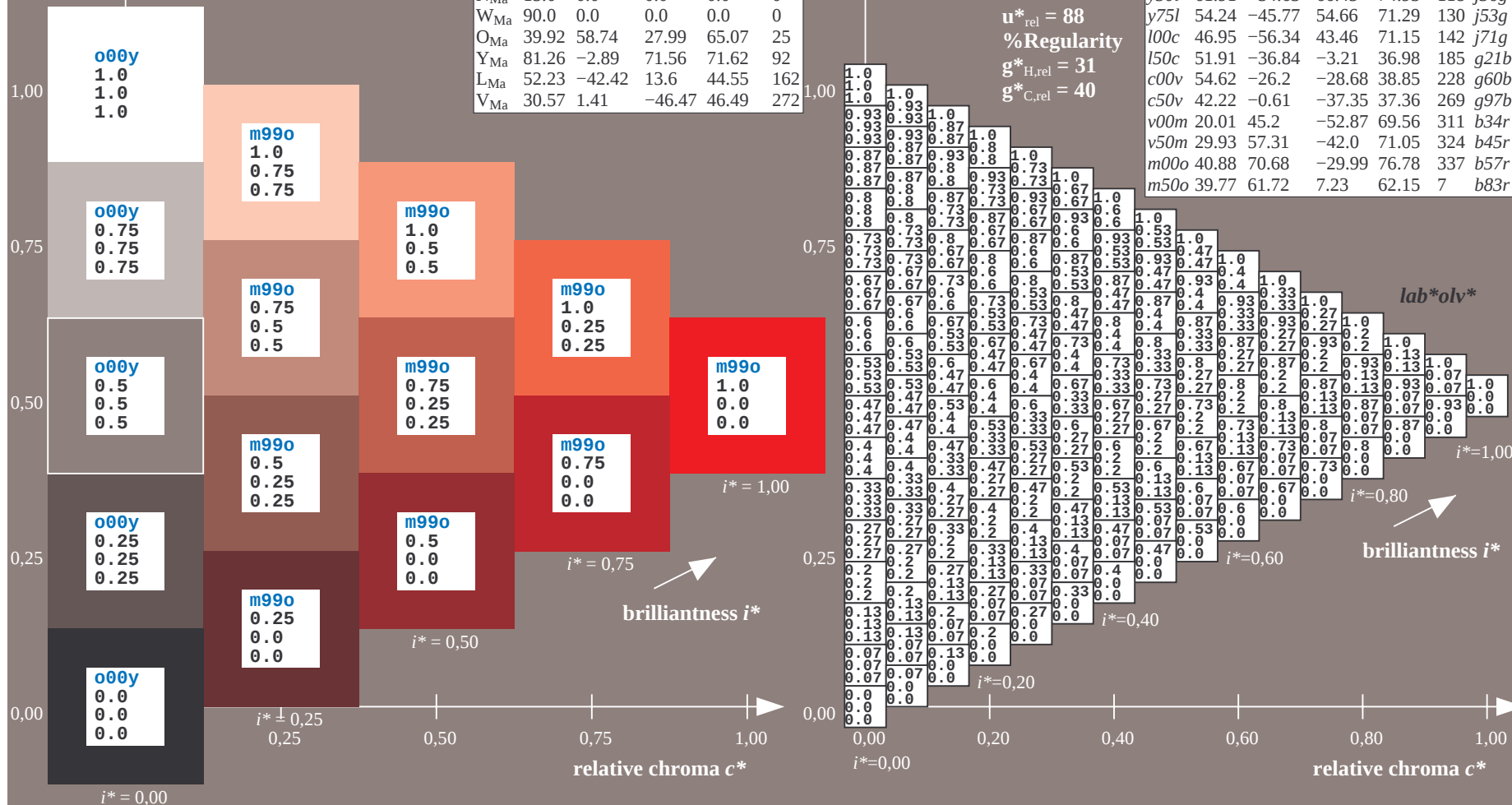
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>	
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>	
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>	
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>	
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>	
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>	
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>	
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>	
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>	
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>	
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>	
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>	
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>	
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>	
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>	
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.14$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

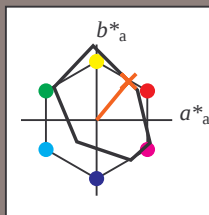
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma$: 47 42 51

$LAB \cdot LCH \cdot Ma$: 47 66 50

$lab \cdot olv \cdot Ma$: 1.0 0.25 0.0

$lab \cdot rgb \cdot Ma$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	38.8	53.92	39.68	66.95	36
o25y	47.46	42.34	51.25	66.48	50
o50y	56.54	30.2	63.39	70.22	65
o75y	67.39	15.68	77.9	79.47	79
y00l	82.58	-4.64	98.22	98.33	93
y25l	70.85	-21.66	80.19	83.07	105
y50l	61.91	-34.63	66.45	74.93	118
y75l	54.24	-45.77	54.66	71.29	130
l00c	46.95	-56.34	43.46	71.15	142
l50c	51.91	-36.84	-3.21	36.98	185
c00v	54.62	-26.2	-28.68	38.85	228
c50v	42.22	-0.61	-37.35	37.36	269
v00m	20.01	45.2	-52.87	69.56	311
v50m	29.93	57.31	-42.0	71.05	324
m00o	40.88	70.68	-29.99	76.78	337
m50o	39.77	61.72	7.23	62.15	7

$u^*_d = o25y$

$lab \cdot olv \cdot Ma$

$lab \cdot olv \cdot Ma$

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

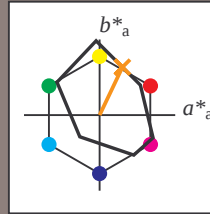
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 57 30 63

$LAB^*LCH^*_{Ma}$: 57 70 64

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = o50y$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

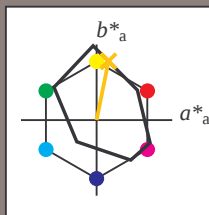
Hue texts:

$u^*_d = 0.75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 16 78

$LAB^*LCH^*_{Ma}$: 67 79 78

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	38.8	53.92	39.68	66.95	36
o25y	47.46	42.34	51.25	66.48	50
o50y	56.54	30.2	63.39	70.22	65
o75y	67.39	15.68	77.9	79.47	79
y00l	82.58	-4.64	98.22	98.33	93
y25l	70.85	-21.66	80.19	83.07	105
y50l	61.91	-34.63	66.45	74.93	118
y75l	54.24	-45.77	54.66	71.29	130
l00c	46.95	-56.34	43.46	71.15	142
l50c	51.91	-36.84	-3.21	36.98	185
c00v	54.62	-26.2	-28.68	38.85	228
c50v	42.22	-0.61	-37.35	37.36	269
v00m	20.01	45.2	-52.87	69.56	311
v50m	29.93	57.31	-42.0	71.05	324
m00o	40.88	70.68	-29.99	76.78	337
m50o	39.77	61.72	7.23	62.15	7

$u^*_d = 0.75y$

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^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.258$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

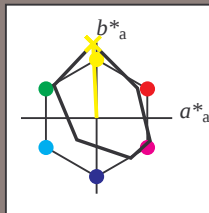
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma: 83 -5 98$

$LAB \cdot LCH \cdot Ma: 83 98 92$

$lab \cdot olv \cdot Ma: 1.0 1.0 0.0$

$lab \cdot rgb \cdot Ma: 0.99 1.0 0.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab \cdot olv \cdot$

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

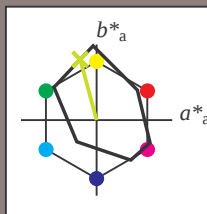
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -22 80

$LAB^*LCH^*_{Ma}$: 71 83 105

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	38.8	53.92	39.68	66.95	36
o25y	47.46	42.34	51.25	66.48	50
o50y	56.54	30.2	63.39	70.22	65
o75y	67.39	15.68	77.9	79.47	79
y00l	82.58	-4.64	98.22	98.33	93
y25l	70.85	-21.66	80.19	83.07	105
y50l	61.91	-34.63	66.45	74.93	118
y75l	54.24	-45.77	54.66	71.29	130
l00c	46.95	-56.34	43.46	71.15	142
l50c	51.91	-36.84	-3.21	36.98	185
c00v	54.62	-26.2	-28.68	38.85	228
c50v	42.22	-0.61	-37.35	37.36	269
v00m	20.01	45.2	-52.87	69.56	311
v50m	29.93	57.31	-42.0	71.05	324
m00o	40.88	70.68	-29.99	76.78	337
m50o	39.77	61.72	7.23	62.15	7

$u^*_d = y25l$
 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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.326$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

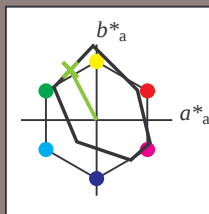
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma$: 62 -35 66

$LAB \cdot LCH \cdot Ma$: 62 75 117

$lab \cdot olv \cdot Ma$: 0.5 1.0 0.0

$lab \cdot rgb \cdot Ma$: 0.64 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	

$lab \cdot olv^*$

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$
data for any colour:

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

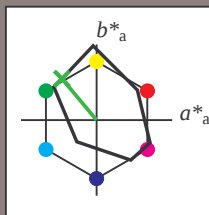
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	38.8	53.92	39.68	66.95	36	
Y_{Ma}	82.58	-4.64	98.22	98.33	93	
L_{Ma}	46.95	-56.34	43.46	71.15	142	
C_{Ma}	54.62	-26.2	-28.68	38.85	228	
V_{Ma}	20.01	45.2	-52.87	69.56	311	
M_{Ma}	40.88	70.68	-29.99	76.78	337	
N_{Ma}	15.0	0.0	0.0	0.0	0	
W_{Ma}	90.0	0.0	0.0	0.0	0	
O_{Ma}	39.92	58.74	27.99	65.07	25	
Y_{Ma}	81.26	-2.89	71.56	71.62	92	
L_{Ma}	52.23	-42.42	13.6	44.55	162	
V_{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -46 55

$LAB^*LCH^*_{Ma}$: 54 71 129

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$u^*_d = y75l$
 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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

data for any colour:

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

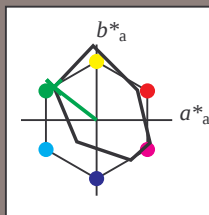
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -56 43

$LAB^*LCH^*_{Ma}$: 47 71 142

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = 100c$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

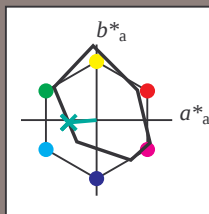
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -37 -3

$LAB^*LCH^*_{Ma}$: 52 37 184

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

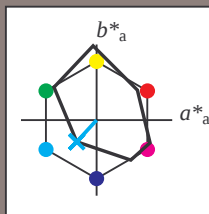
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -26 -29

$LAB^*LCH^*_{Ma}$: 55 39 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.81 1.0

triangle lightness t^*

% Gamut

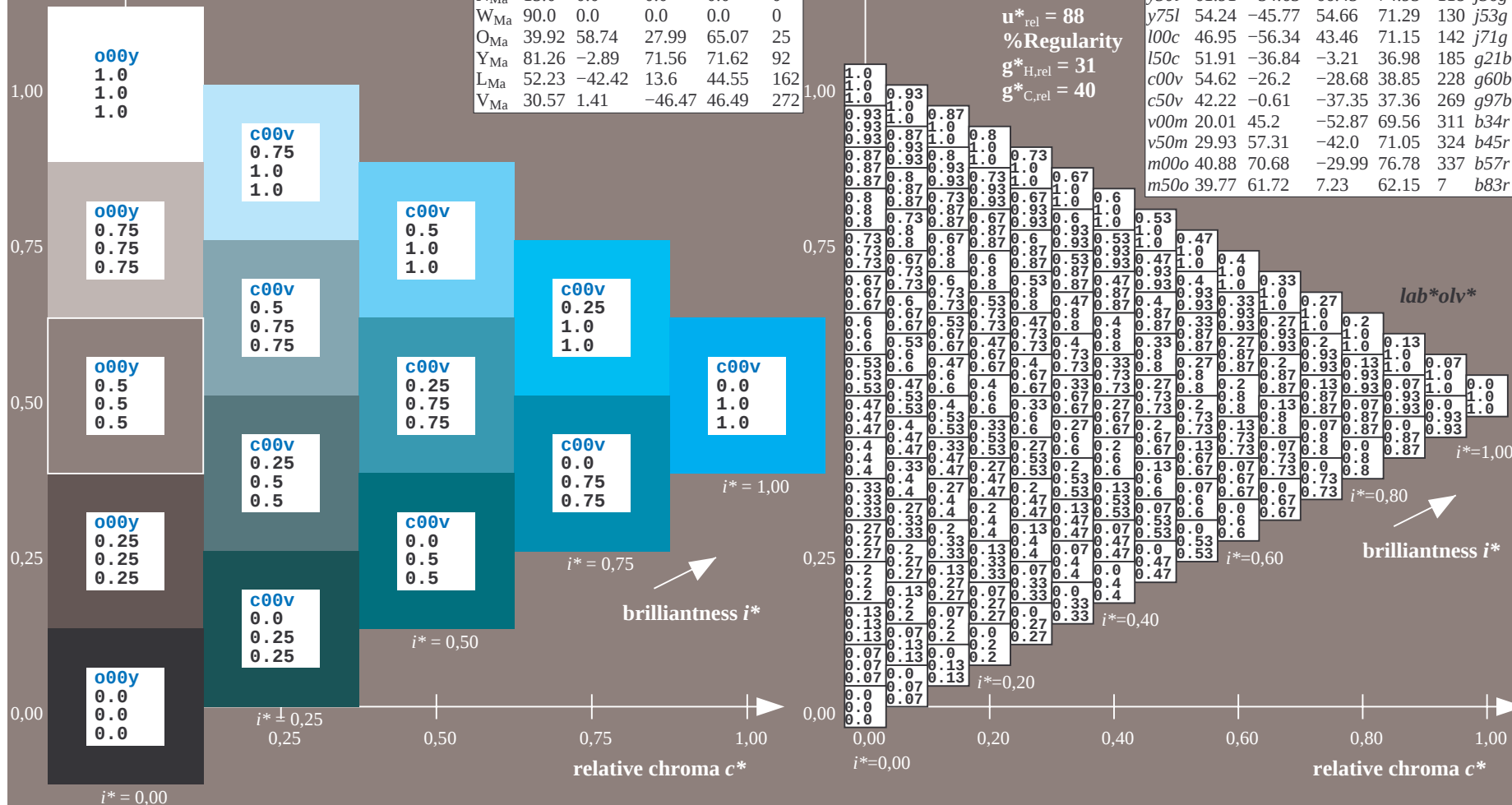
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

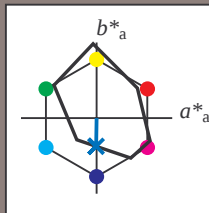
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 -1 -37

$LAB^*LCH^*_{Ma}$: 42 37 269

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = c50v$

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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.863$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

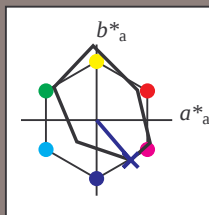
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma: 20 \ 45 \ -53$

$LAB \cdot LCH \cdot Ma: 20 \ 70 \ 310$

$lab \cdot olv \cdot Ma: 0.0 \ 0.0 \ 1.0$

$lab \cdot rgb \cdot Ma: 0.68 \ 0.0 \ 1.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = v00m$

$lab \cdot olv^*$

$lab \cdot olv^*$

$i^* = 1.00$

brilliantness i^*

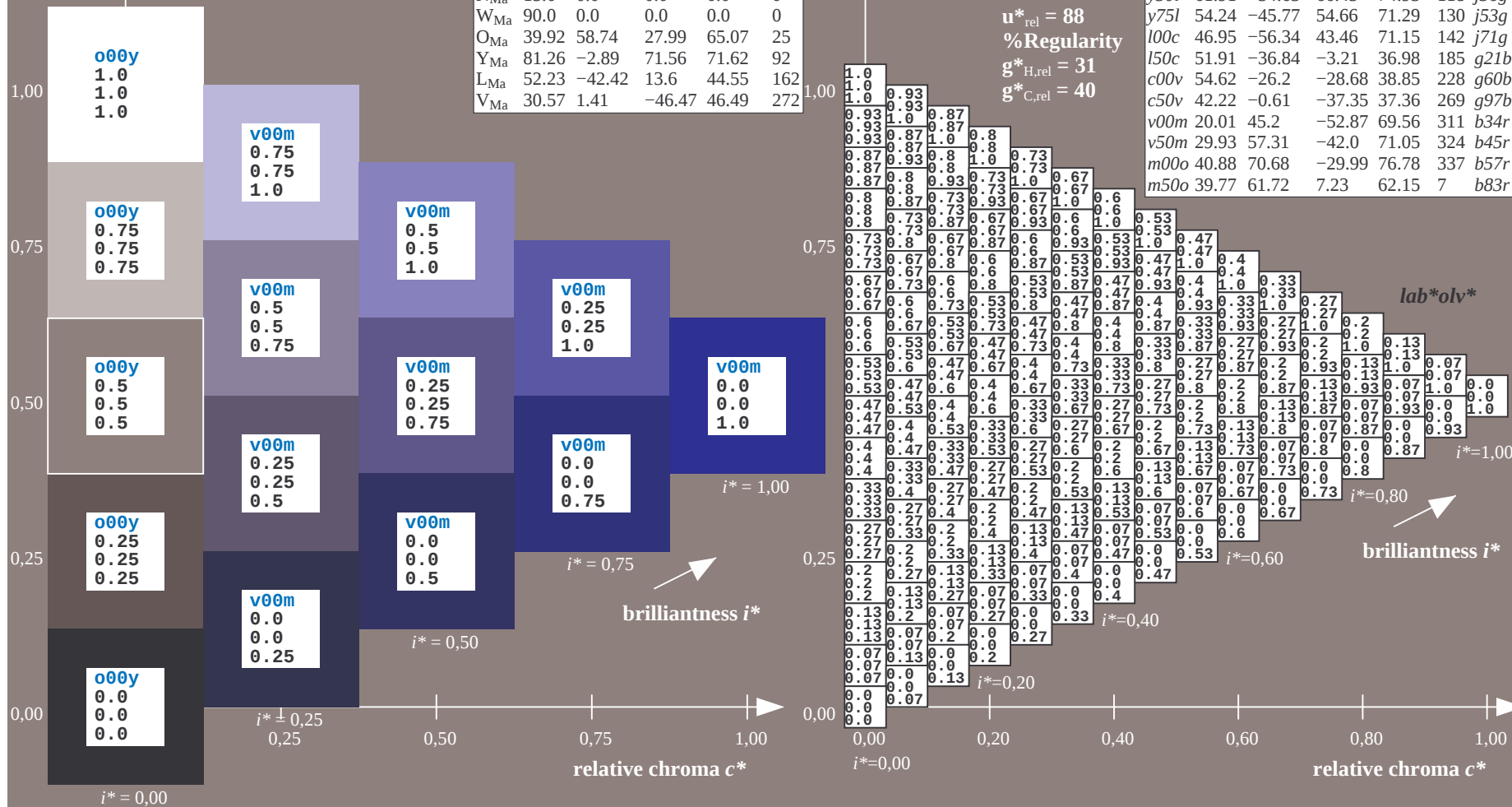
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

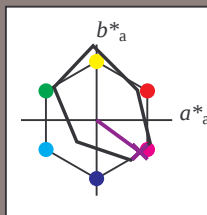
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 57 -42

$LAB^*LCH^*_{Ma}$: 30 71 323

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	38.8	53.92	39.68	66.95	36	r16j		
o25y	47.46	42.34	51.25	66.48	50	r37j		
o50y	56.54	30.2	63.39	70.22	65	r58j		
o75y	67.39	15.68	77.9	79.47	79	r79j		
y00l	82.58	-4.64	98.22	98.33	93	j01g		
y25l	70.85	-21.66	80.19	83.07	105	j18g		
y50l	61.91	-34.63	66.45	74.93	118	j36g		
y75l	54.24	-45.77	54.66	71.29	130	j53g		
l00c	46.95	-56.34	43.46	71.15	142	j71g		
l50c	51.91	-36.84	-3.21	36.98	185	g21b		
c00v	54.62	-26.2	-28.68	38.85	228	g60b		
c50v	42.22	-0.61	-37.35	37.36	269	g97b		
v00m	20.01	45.2	-52.87	69.56	311	b34r		
v50m	29.93	57.31	-42.0	71.05	324	b45r		
m00o	40.88	70.68	-29.99	76.78	337	b57r		
m50o	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.936$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

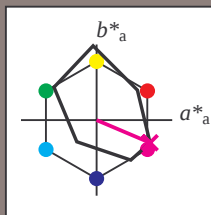
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma$: 41 71 -30

$LAB \cdot LCH \cdot Ma$: 41 77 337

$lab \cdot olv \cdot Ma$: 1.0 0.0 1.0

$lab \cdot rgb \cdot Ma$: 1.0 0.0 0.85

triangle lightness t^*

% Gamut

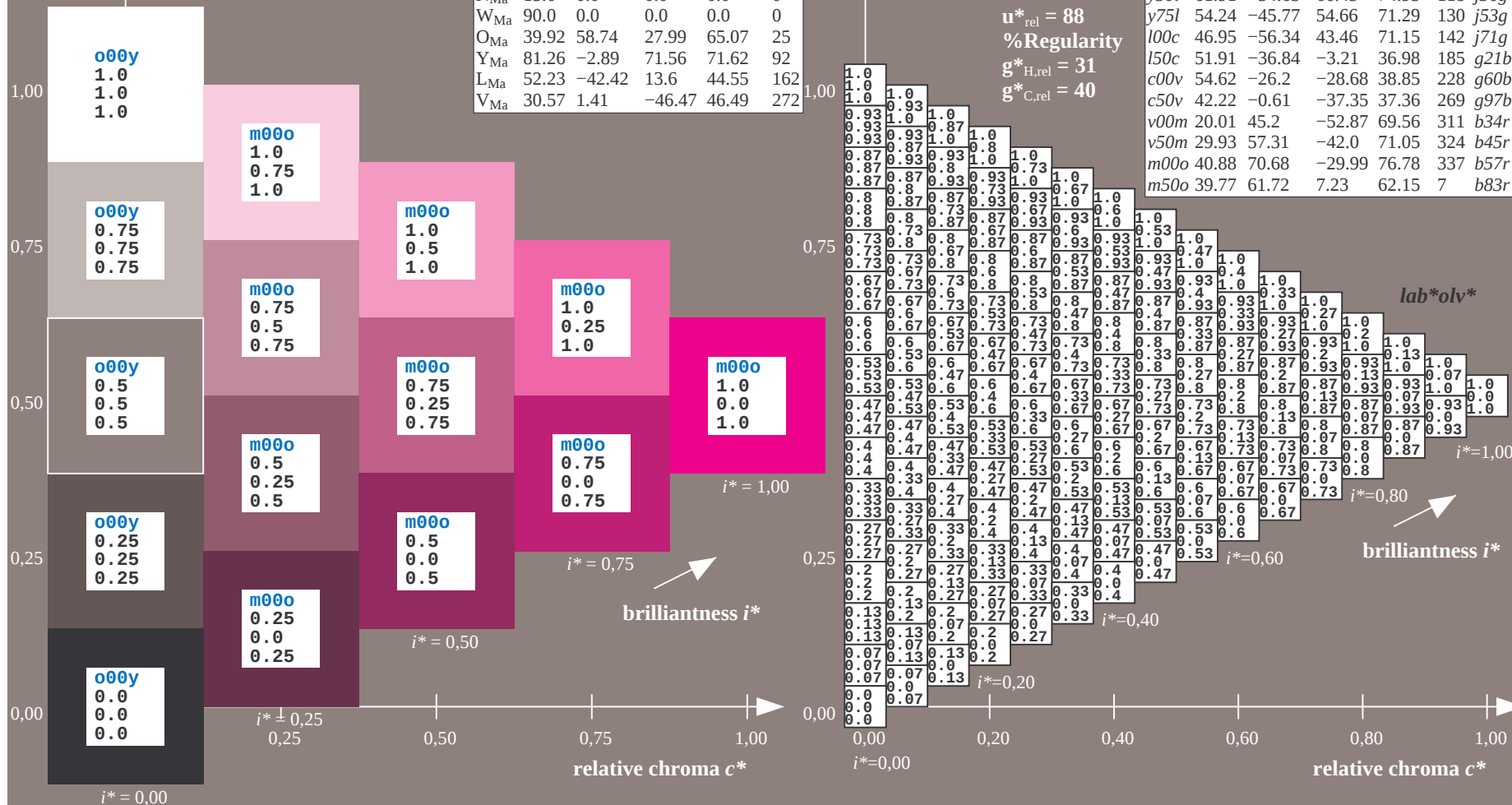
$u^*_{rel} = 88$

% Regularity

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

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

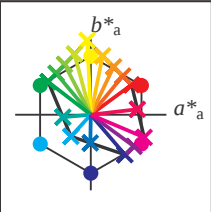
FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



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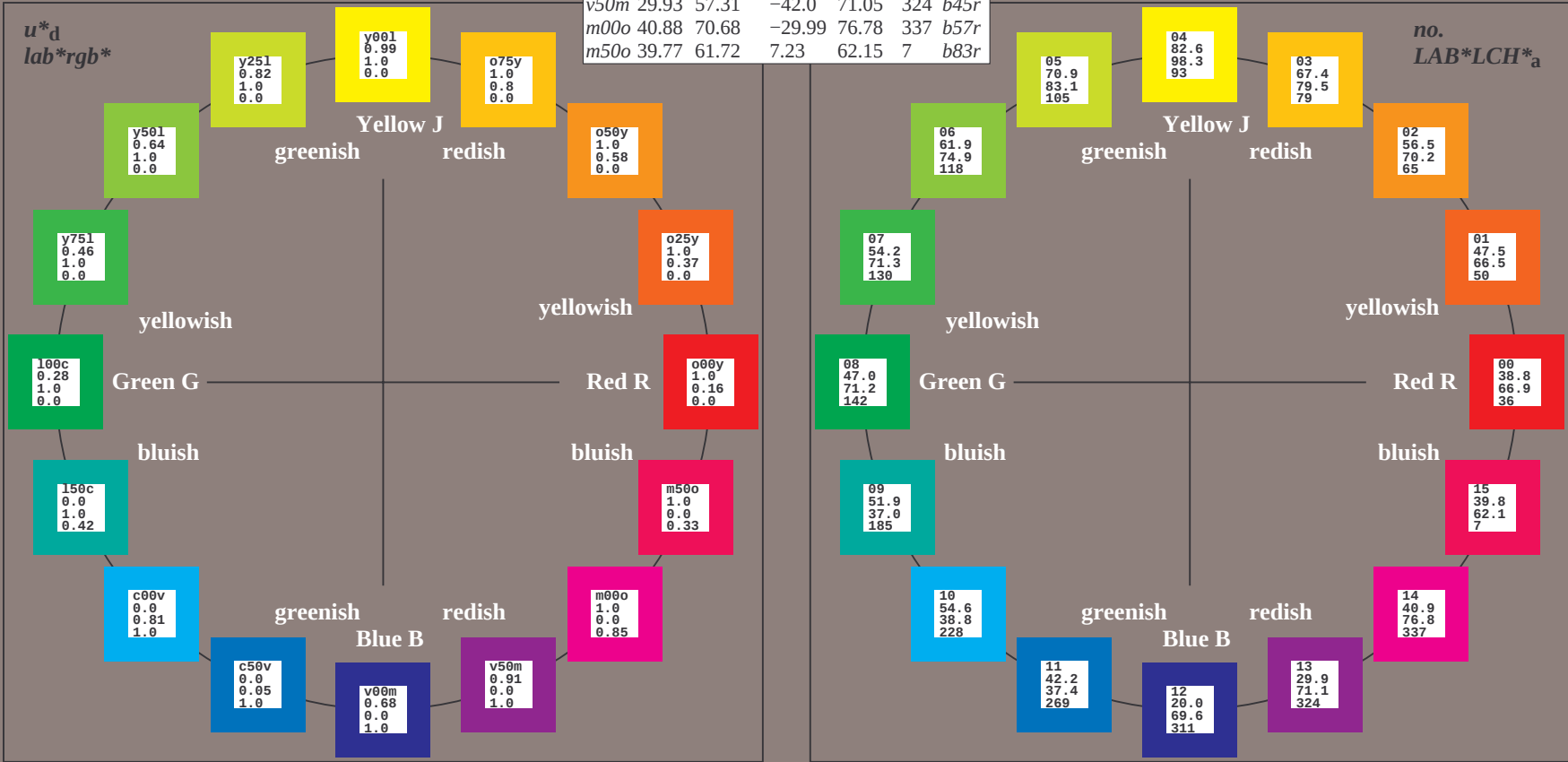
Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
 u^*_d and number $no.$ = 00 .. 15
device hue text:
 $u^*_d = 16$ hues $o00y, o25y, \dots, m50o$
contrast reduction factor:
 $c_R = 0.9$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	38.8	53.92	39.68	66.95	36
Y_{Ma}	82.58	-4.64	98.22	98.33	93
L_{Ma}	46.95	-56.34	43.46	71.15	142
C_{Ma}	54.62	-26.2	-28.68	38.85	228
V_{Ma}	20.01	45.2	-52.87	69.56	311
M_{Ma}	40.88	70.68	-29.99	76.78	337
N_{Ma}	15.0	0.0	0.0	0.0	0
W_{Ma}	90.0	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

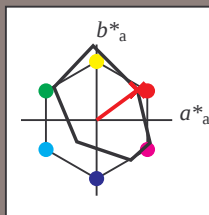
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 54 40

$LAB^*LCH^*_{Ma}$: 39 67 36

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

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

triangle lightness t^*

% Gamut

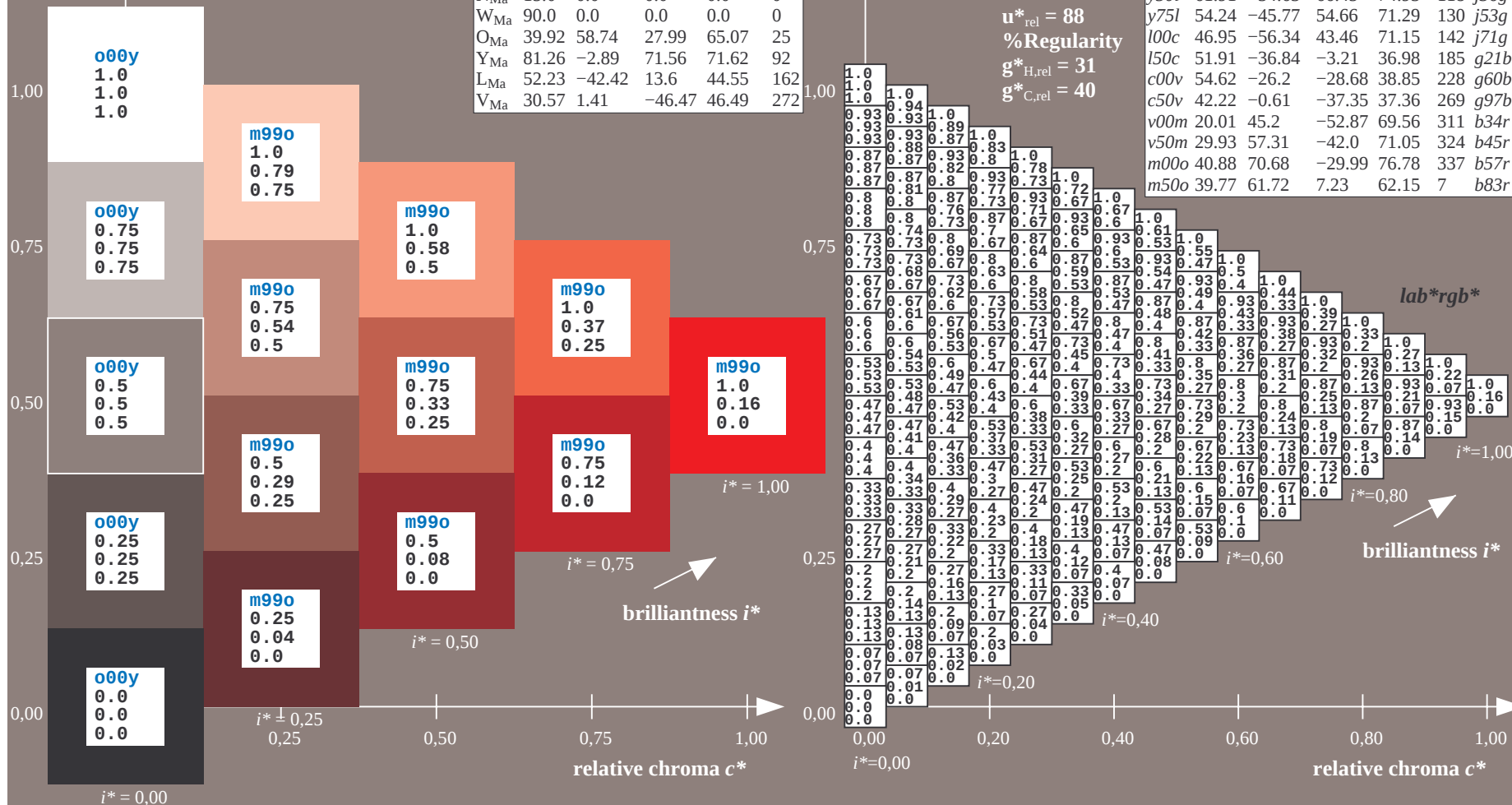
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>	
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>	
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>	
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>	
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>	
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>	
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>	
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>	
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>	
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>	
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>	
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>	
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>	
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>	
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>	
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

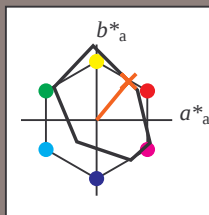
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 42 51

$LAB^*LCH^*_{Ma}$: 47 66 50

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

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

triangle lightness t^*

% Gamut

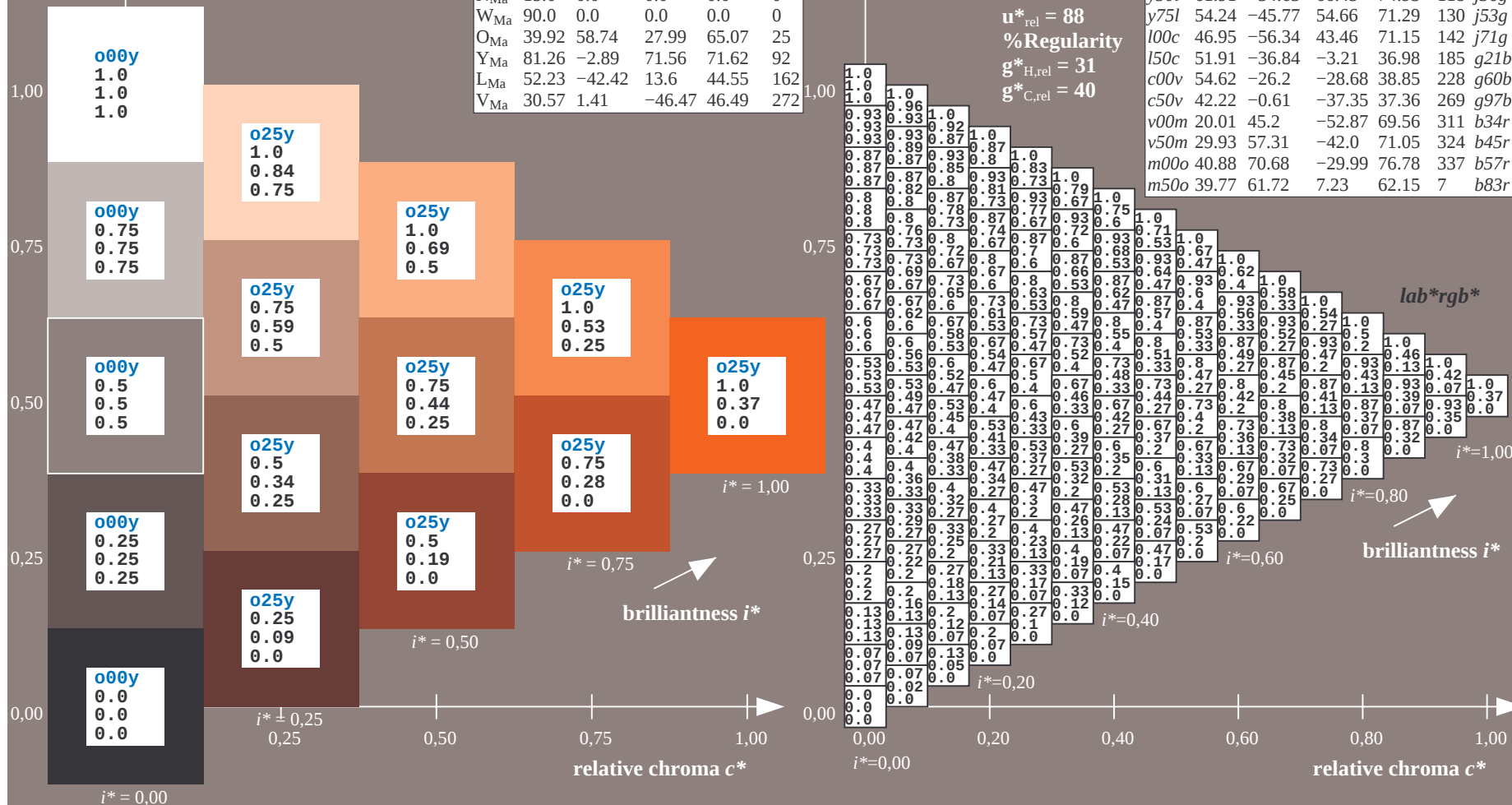
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

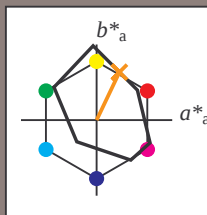
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 57 30 63

$LAB^*LCH^*_{Ma}$: 57 70 64

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

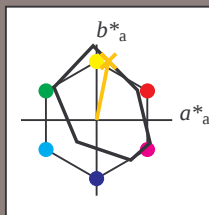
Hue texts:

$u^*_d = 0.75y$ $u^*_e = r.79j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 16 78

$LAB^*LCH^*_{Ma}$: 67 79 78

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

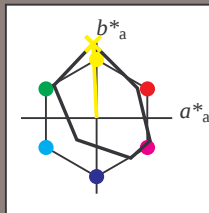
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -5 98

$LAB^*LCH^*_{Ma}$: 83 98 92

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

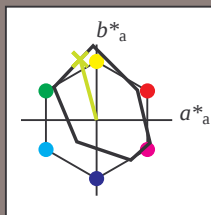
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -22 80

$LAB^*LCH^*_{Ma}$: 71 83 105

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

data for any colour:

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

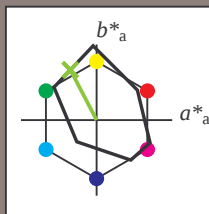
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	38.8	53.92	39.68	66.95	36	
Y_{Ma}	82.58	-4.64	98.22	98.33	93	
L_{Ma}	46.95	-56.34	43.46	71.15	142	
C_{Ma}	54.62	-26.2	-28.68	38.85	228	
V_{Ma}	20.01	45.2	-52.87	69.56	311	
M_{Ma}	40.88	70.68	-29.99	76.78	337	
N_{Ma}	15.0	0.0	0.0	0.0	0	
W_{Ma}	90.0	0.0	0.0	0.0	0	
O_{Ma}	39.92	58.74	27.99	65.07	25	
Y_{Ma}	81.26	-2.89	71.56	71.62	92	
L_{Ma}	52.23	-42.42	13.6	44.55	162	
V_{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -35 66

$LAB^*LCH^*_{Ma}$: 62 75 117

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	

lab^*rgb^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$
data for any colour:

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

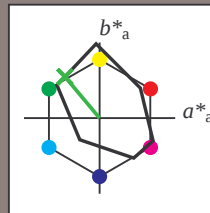
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -46 55

$LAB^*LCH^*_{Ma}$: 54 71 129

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = y75l$

lab^*rgb^*

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

data for any colour:

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

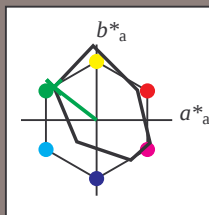
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -56 43

$LAB^*LCH^*_{Ma}$: 47 71 142

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

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

triangle lightness t^*

% Gamut

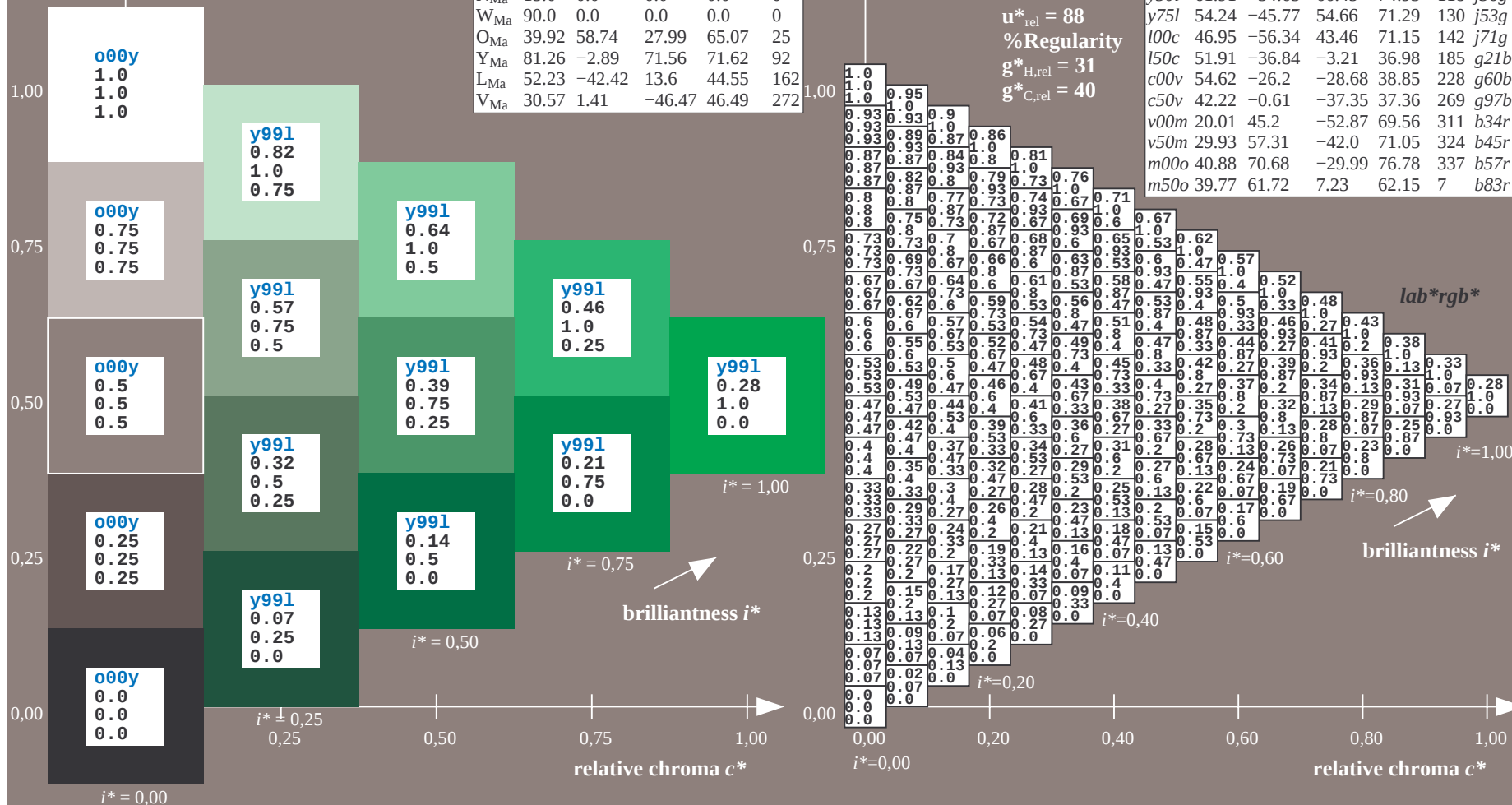
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

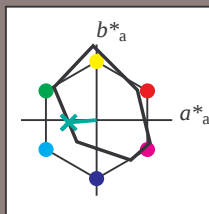
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O_{Ma}	38.8	53.92	39.68	66.95	36	
Y_{Ma}	82.58	-4.64	98.22	98.33	93	
L_{Ma}	46.95	-56.34	43.46	71.15	142	
C_{Ma}	54.62	-26.2	-28.68	38.85	228	
V_{Ma}	20.01	45.2	-52.87	69.56	311	
M_{Ma}	40.88	70.68	-29.99	76.78	337	
N_{Ma}	15.0	0.0	0.0	0.0	0	
W_{Ma}	90.0	0.0	0.0	0.0	0	
O_{Ma}	39.92	58.74	27.99	65.07	25	
Y_{Ma}	81.26	-2.89	71.56	71.62	92	
L_{Ma}	52.23	-42.42	13.6	44.55	162	
V_{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -37 -3

$LAB^*LCH^*_{Ma}$: 52 37 184

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

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

triangle lightness t^*

% Gamut

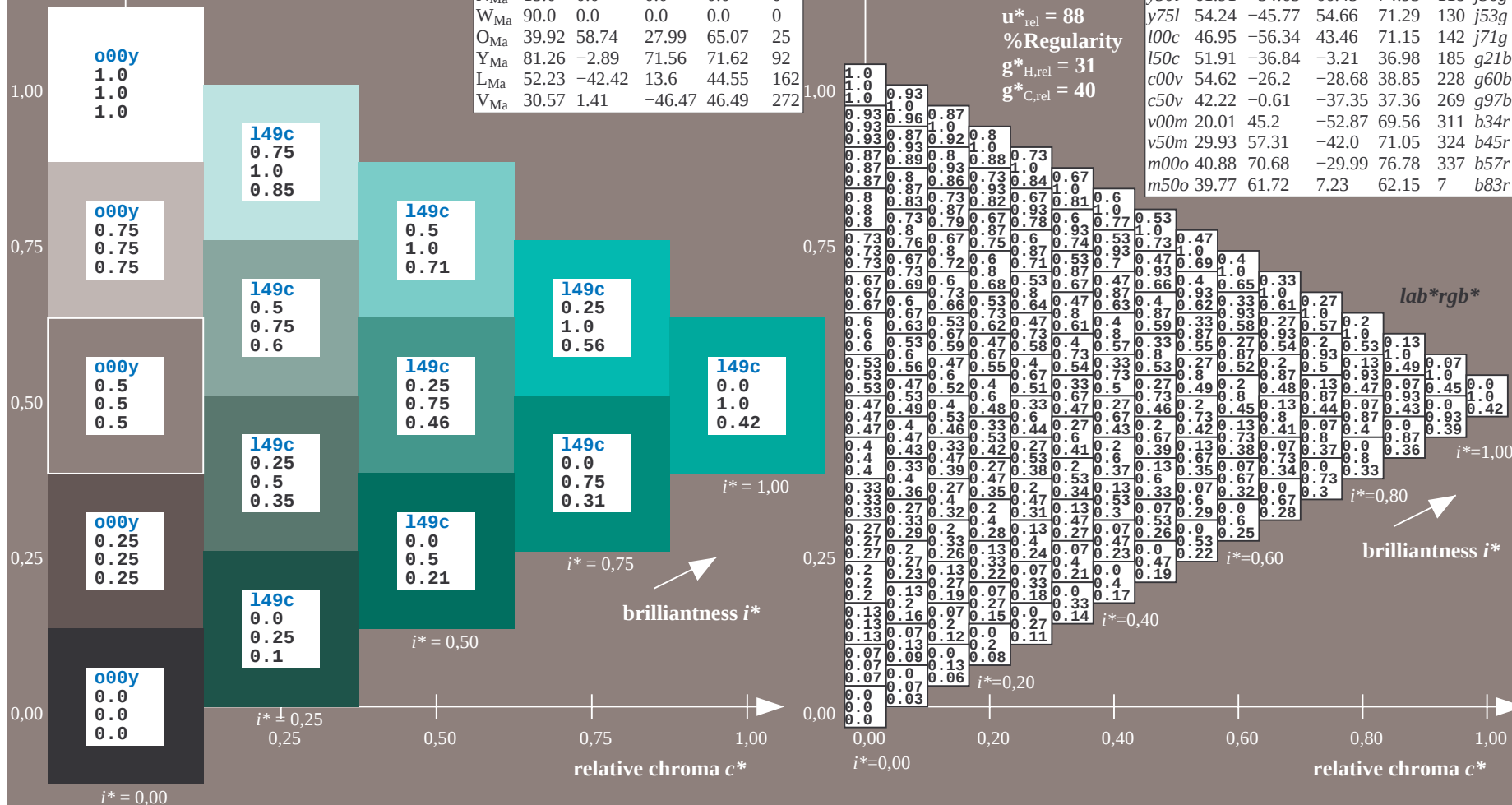
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	



$$u_d^* = c00v$$

*lab*rgb**

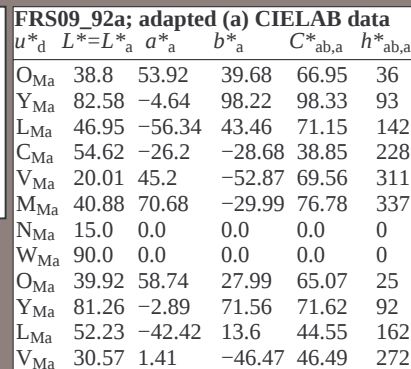
LAB data

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

56.95	36	<i>r</i>
56.95	36	<i>r</i>

56.48	50	r_1
70.22	65	r_2

70.22	65	<i>r</i>
79.47	79	<i>r</i>

98.33 93 $j0$ 

FRS09_92a; adapted (a) CIELAB data

FRS09_92a; adapted (a) CIELAB data

$\rho 00\nu$	38.8	53.92	39.68	66.95	36
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o25y	47.46	42.34	51.25	66.48	50
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o50y	56.54	30.2	63.39	70.22	65
o75y	67.30	15.68	77.0	70.47	70

y00l	82.58	-4.64	98.22	98.33	93
------	-------	-------	-------	-------	----

<i>y25l</i>	70.85	-21.66	80.19	83.07	10
<i>y50l</i>	61.91	-34.63	66.45	74.93	11

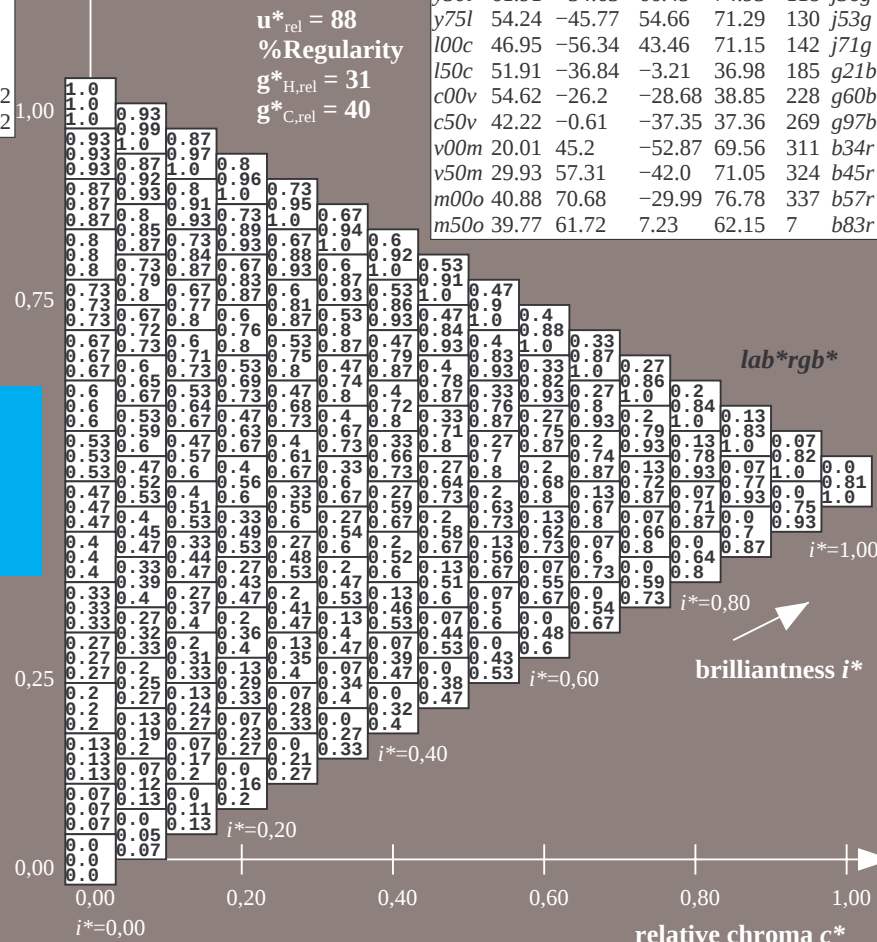
y75l	54.24	-45.77	54.66	71.29	13
------	-------	--------	-------	-------	----

100c	46.95	-56.34	43.46	71.15	14
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150c	51.91	-36.84	-3.21	36.98	18
200c	54.63	-36.2	-38.68	38.85	22

600V	54.62	-26.2	-28.68	38.85	22
650V	43.22	-0.61	-37.35	37.36	26

v_{00m}	20.01	45.2	-52.87	69.56	31
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Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

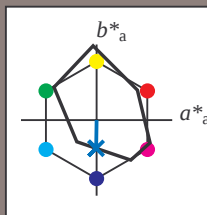
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 -1 -37

$LAB^*LCH^*_{Ma}$: 42 37 269

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

data for any colour:

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

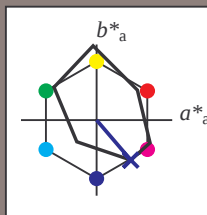
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 20 45 -53

$LAB^*LCH^*_{Ma}$: 20 70 310

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

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

triangle lightness t^*

% Gamut

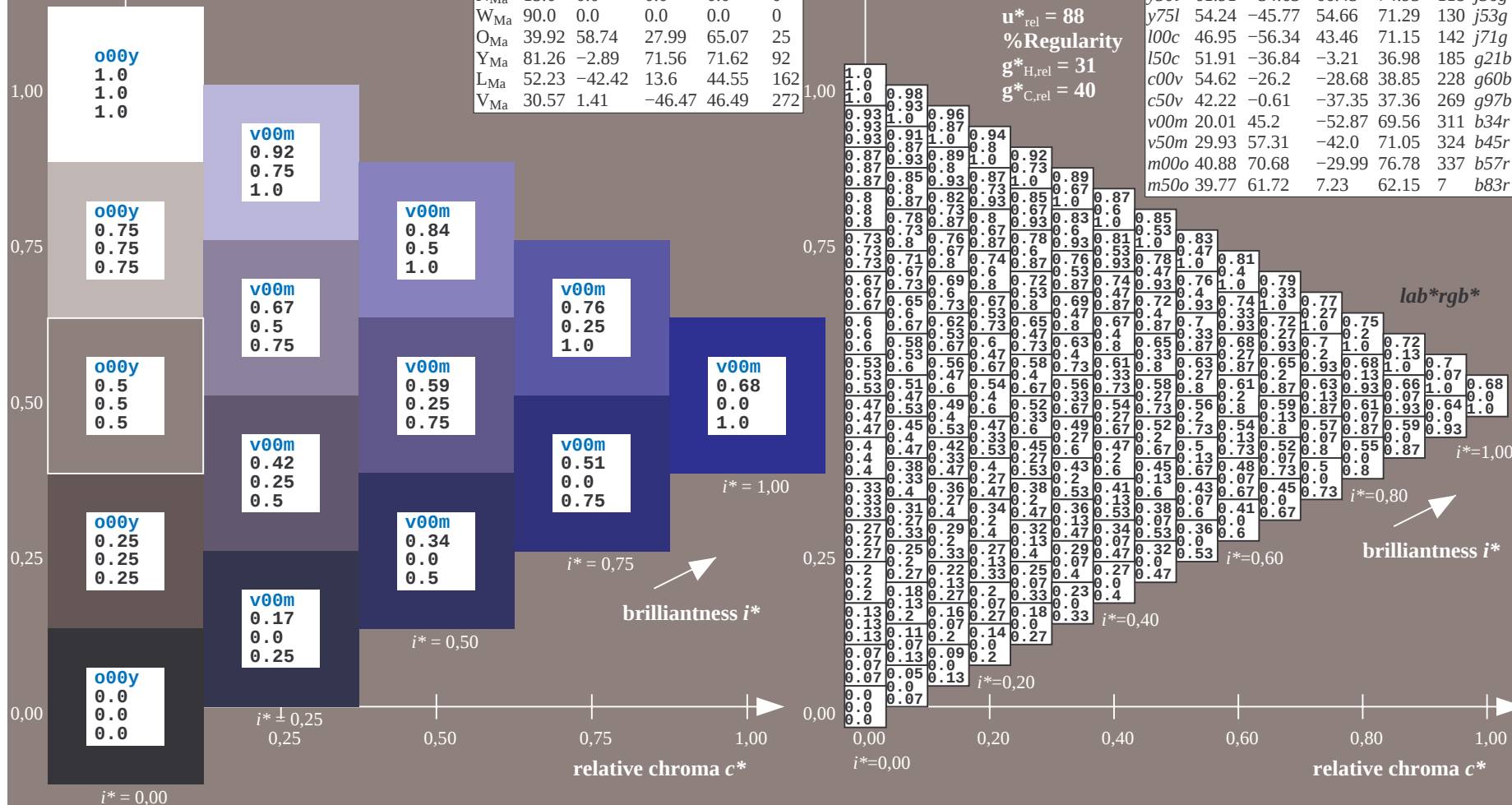
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	38.8	53.92	39.68	66.95	36	r16j		
o25y	47.46	42.34	51.25	66.48	50	r37j		
o50y	56.54	30.2	63.39	70.22	65	r58j		
o75y	67.39	15.68	77.9	79.47	79	r79j		
y00l	82.58	-4.64	98.22	98.33	93	j01g		
y25l	70.85	-21.66	80.19	83.07	105	j18g		
y50l	61.91	-34.63	66.45	74.93	118	j36g		
y75l	54.24	-45.77	54.66	71.29	130	j53g		
l00c	46.95	-56.34	43.46	71.15	142	j71g		
l50c	51.91	-36.84	-3.21	36.98	185	g21b		
c00v	54.62	-26.2	-28.68	38.85	228	g60b		
c50v	42.22	-0.61	-37.35	37.36	269	g97b		
v00m	20.01	45.2	-52.87	69.56	311	b34r		
v50m	29.93	57.31	-42.0	71.05	324	b45r		
m00o	40.88	70.68	-29.99	76.78	337	b57r		
m50o	39.77	61.72	7.23	62.15	7	b83r		



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

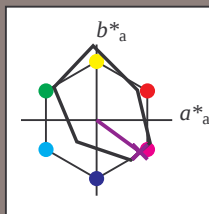
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 57 -42

$LAB^*LCH^*_{Ma}$: 30 71 323

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

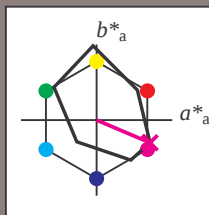
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 71 -30

$LAB^*LCH^*_{Ma}$: 41 77 337

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = m00o$

lab^*rgb^*

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:

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

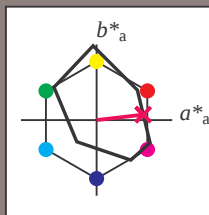
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 40 62 7

$LAB^*LCH^*_{Ma}$: 40 62 6

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

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

triangle lightness t^*

% Gamut

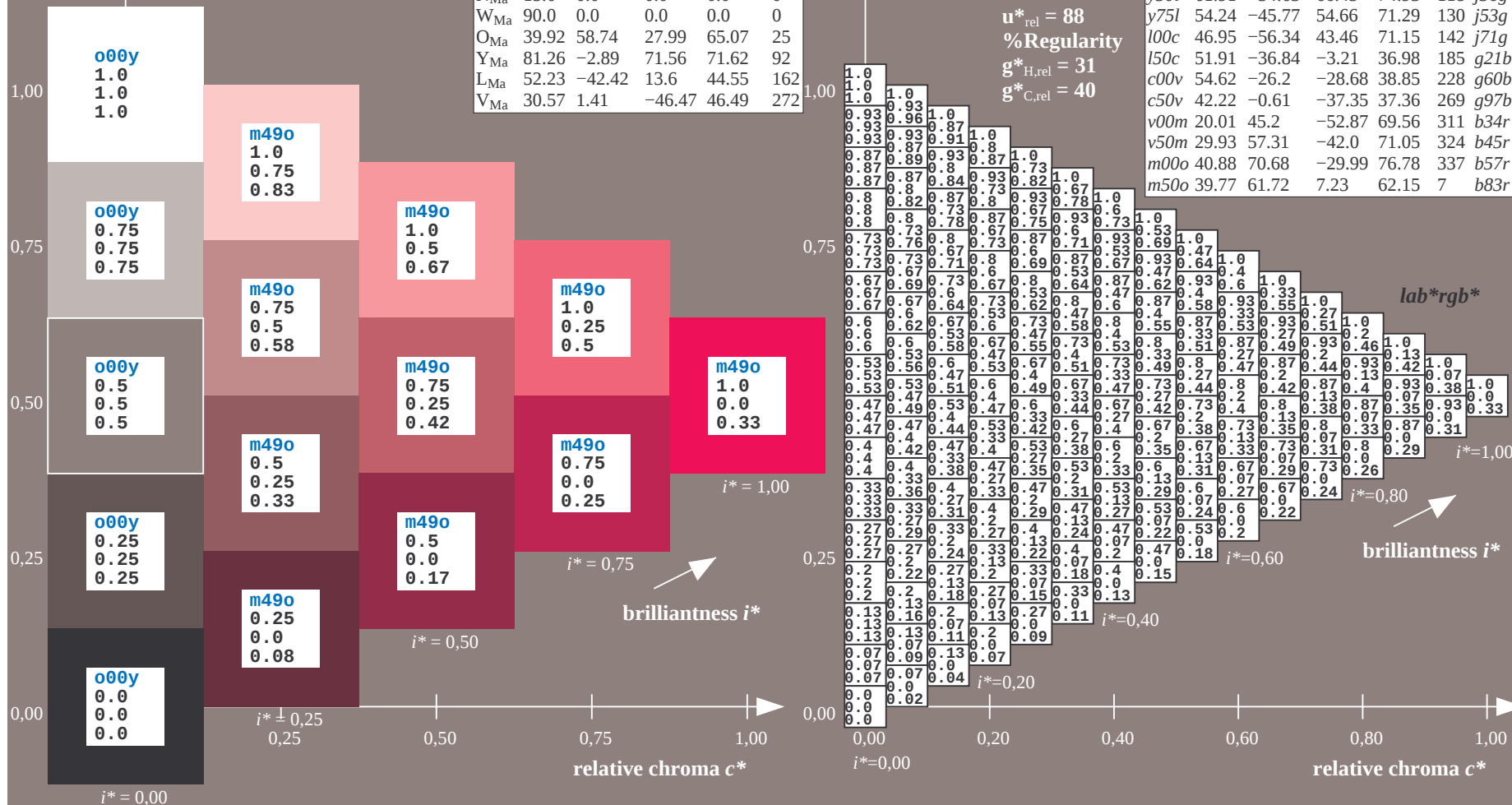
$u^*_{rel} = 88$

% Regularity

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

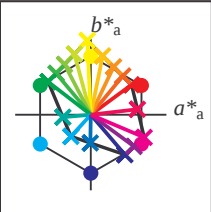
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



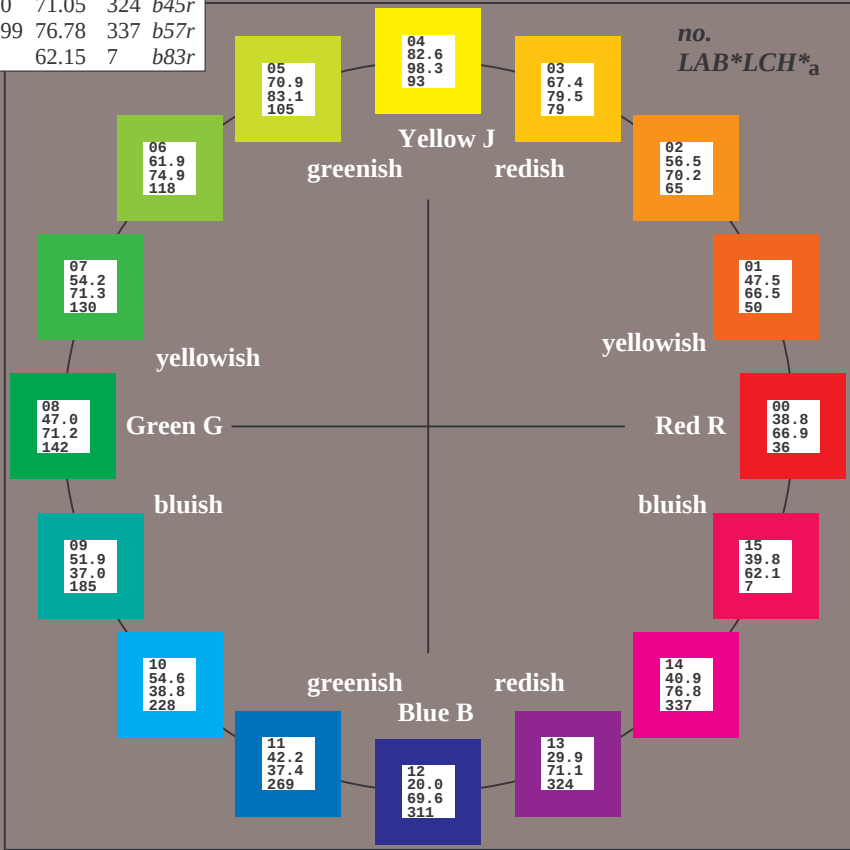
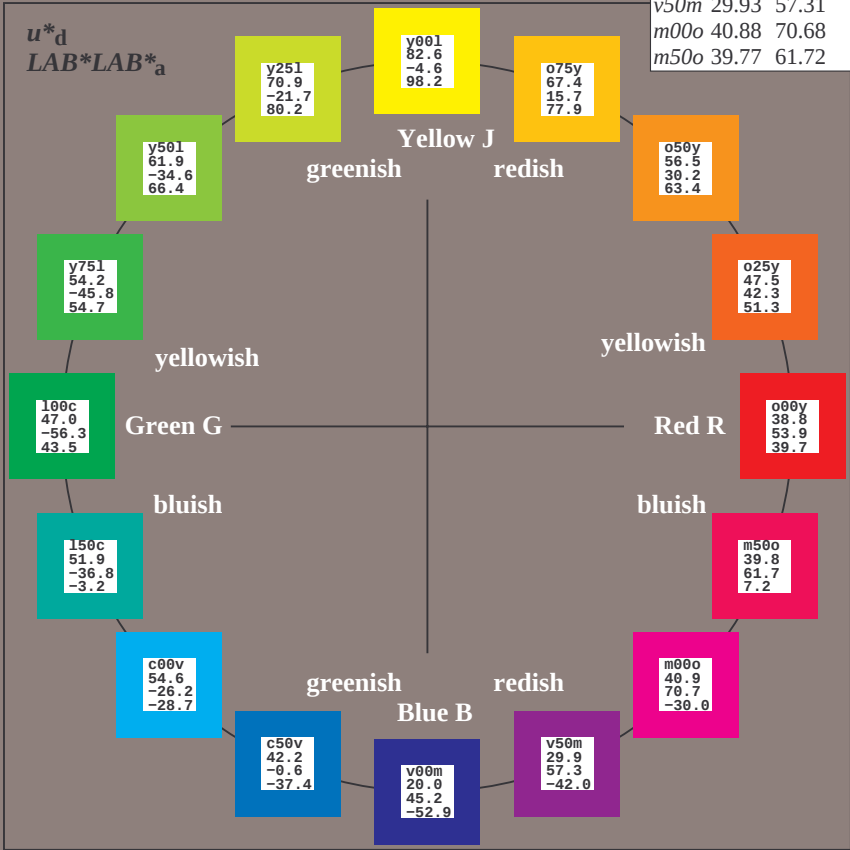
Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
 u^*_d and number *no.* = 00 .. 15
device hue text:
 u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
contrast reduction factor:
 $c_R = 0.9$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$
data for any colour:

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

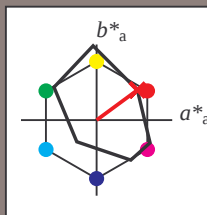
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 54 40

$LAB^*LCH^*_{Ma}$: 39 67 36

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
u^*_d	38.8	53.92	39.68	66.95	36
u^*_e	82.58	-4.64	98.22	98.33	93
u^*_f	47.46	42.34	51.25	66.48	50
u^*_g	56.54	30.2	63.39	70.22	65
u^*_h	67.39	15.68	77.9	79.47	79
u^*_i	82.58	-4.64	98.22	98.33	93
u^*_j	70.85	-21.66	80.19	83.07	105
u^*_k	61.91	-34.63	66.45	74.93	118
u^*_l	54.24	-45.77	54.66	71.29	130
u^*_m	46.95	-56.34	43.46	71.15	142
u^*_n	51.91	-36.84	-3.21	36.98	185
u^*_o	54.62	-26.2	-28.68	38.85	228
u^*_p	42.22	-0.61	-37.35	37.36	269
u^*_q	20.01	45.2	-52.87	69.56	311
u^*_r	29.93	57.31	-42.0	71.05	324
u^*_s	40.88	70.68	-29.99	76.78	337
u^*_t	39.77	61.72	7.23	62.15	7

$u^*_d = o00y$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

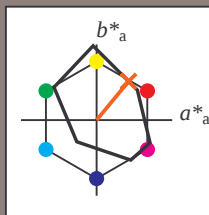
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 42 51

$LAB^*LCH^*_{Ma}$: 47 66 50

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

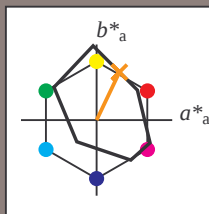
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 57 30 63

$LAB^*LCH^*_{Ma}$: 57 70 64

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	38.8	53.92	39.68	66.95	36
o25y	47.46	42.34	51.25	66.48	50
o50y	56.54	30.2	63.39	70.22	65
o75y	67.39	15.68	77.9	79.47	79
y00l	82.58	-4.64	98.22	98.33	93
y25l	70.85	-21.66	80.19	83.07	105
y50l	61.91	-34.63	66.45	74.93	118
y75l	54.24	-45.77	54.66	71.29	130
l00c	46.95	-56.34	43.46	71.15	142
l50c	51.91	-36.84	-3.21	36.98	185
c00v	54.62	-26.2	-28.68	38.85	228
c50v	42.22	-0.61	-37.35	37.36	269
v00m	20.01	45.2	-52.87	69.56	311
v50m	29.93	57.31	-42.0	71.05	324
m00o	40.88	70.68	-29.99	76.78	337
m50o	39.77	61.72	7.23	62.15	7

$u^*_d = o50y$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

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

$i^* \pm 0,25$
0,25

0,50

0,75

1,00

relative chroma c^*

$i^* = 0,00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

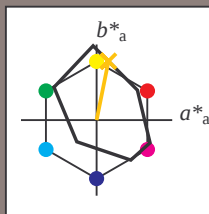
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 16 78

$LAB^*LCH^*_{Ma}$: 67 79 78

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$LAB^*LAB^*_a$

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

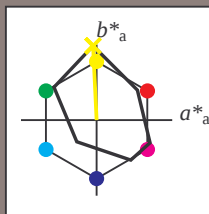
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -5 98

$LAB^*LCH^*_{Ma}$: 83 98 92

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

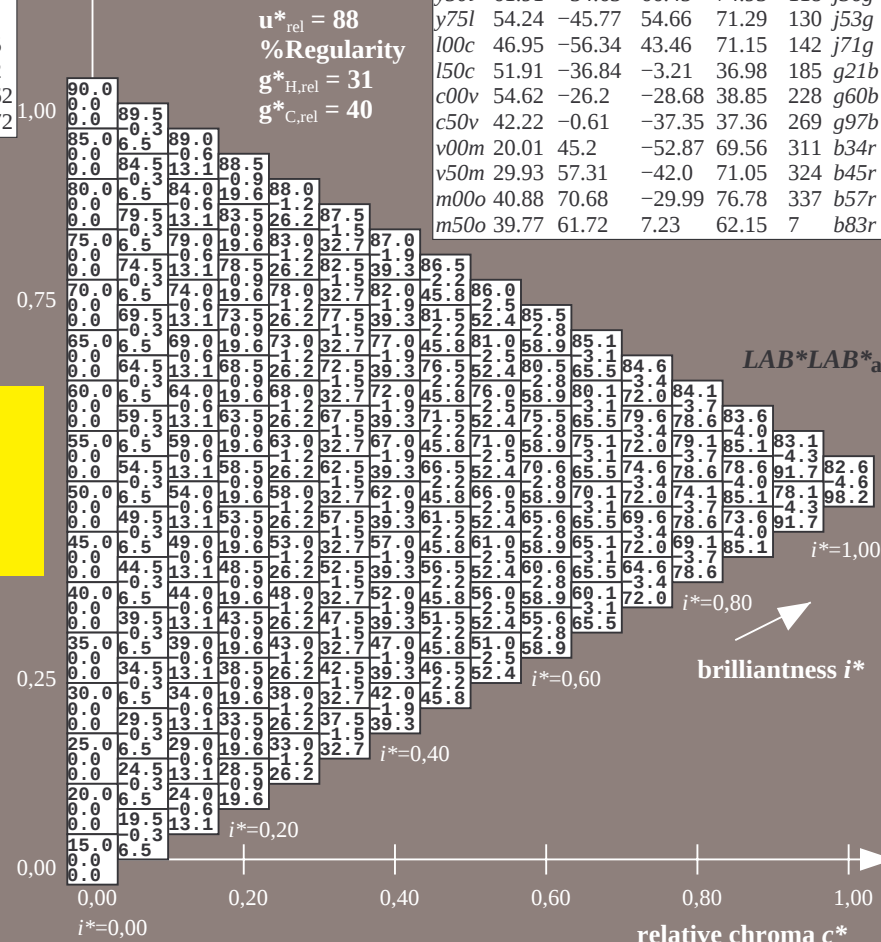
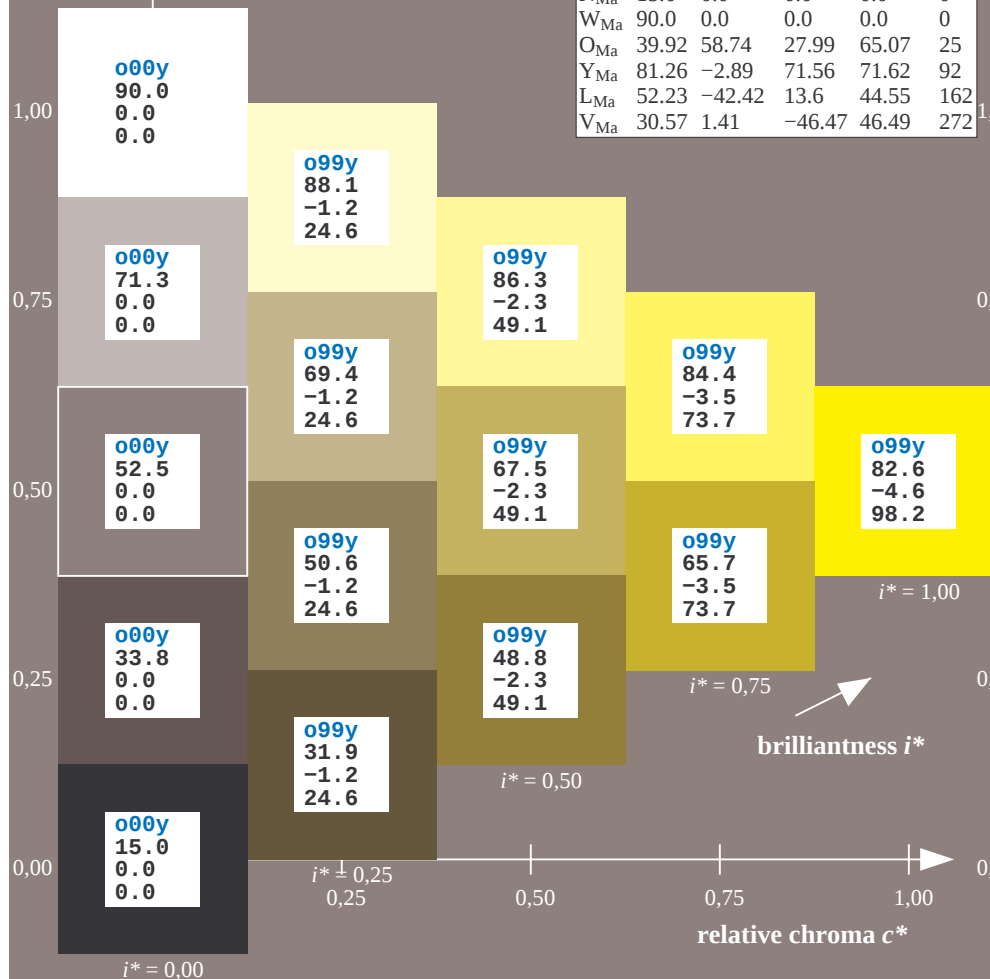
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$LAB^*LAB^*_a$

$i^*=1,00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

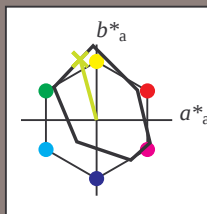
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -22 80

$LAB^*LCH^*_{Ma}$: 71 83 105

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

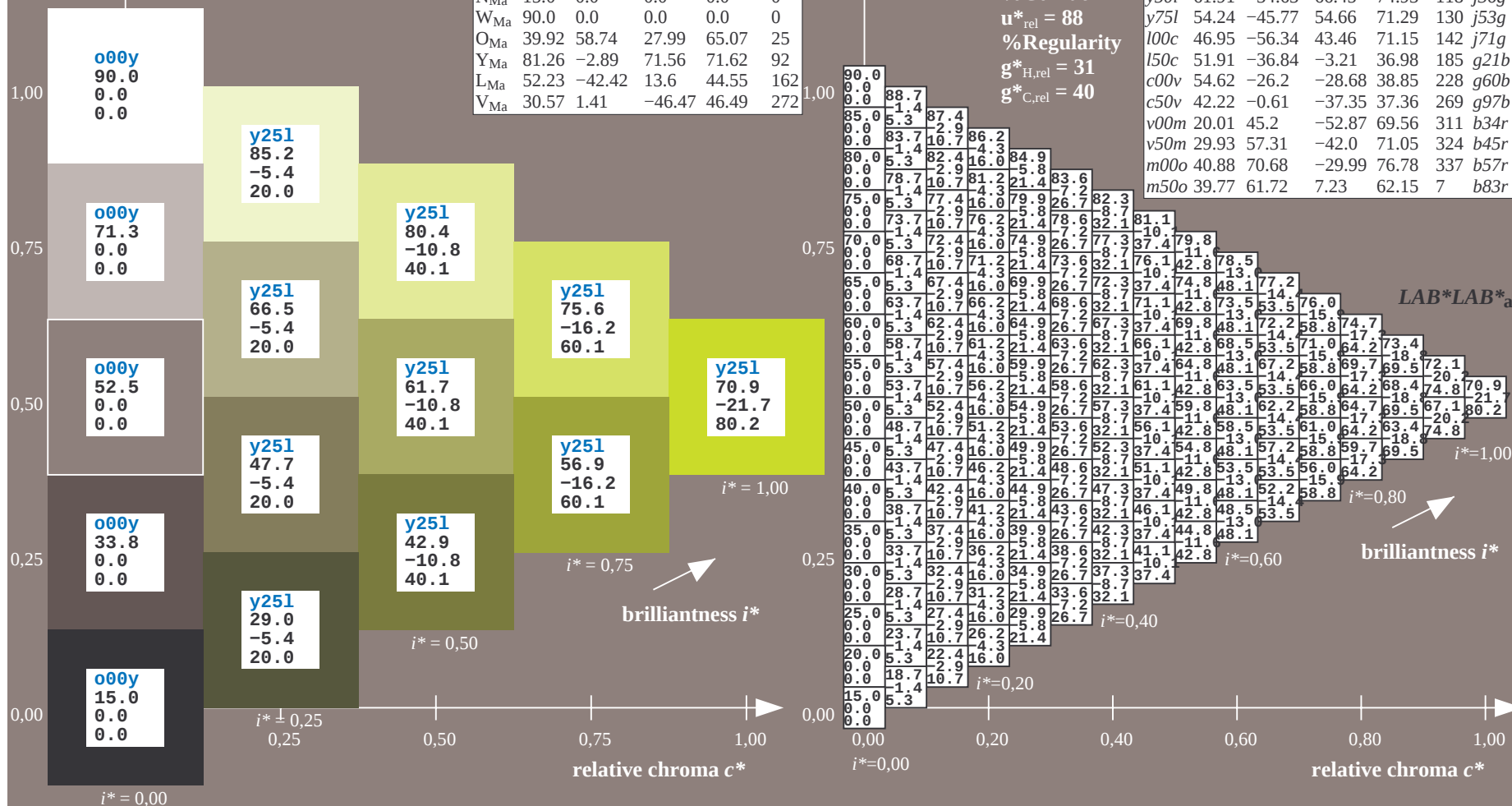
$u^*_d = y25l$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^*=1,00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

data for any colour:

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

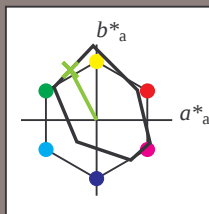
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -35 66

$LAB^*LCH^*_{Ma}$: 62 75 117

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = y50l$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

brilliantness i^*

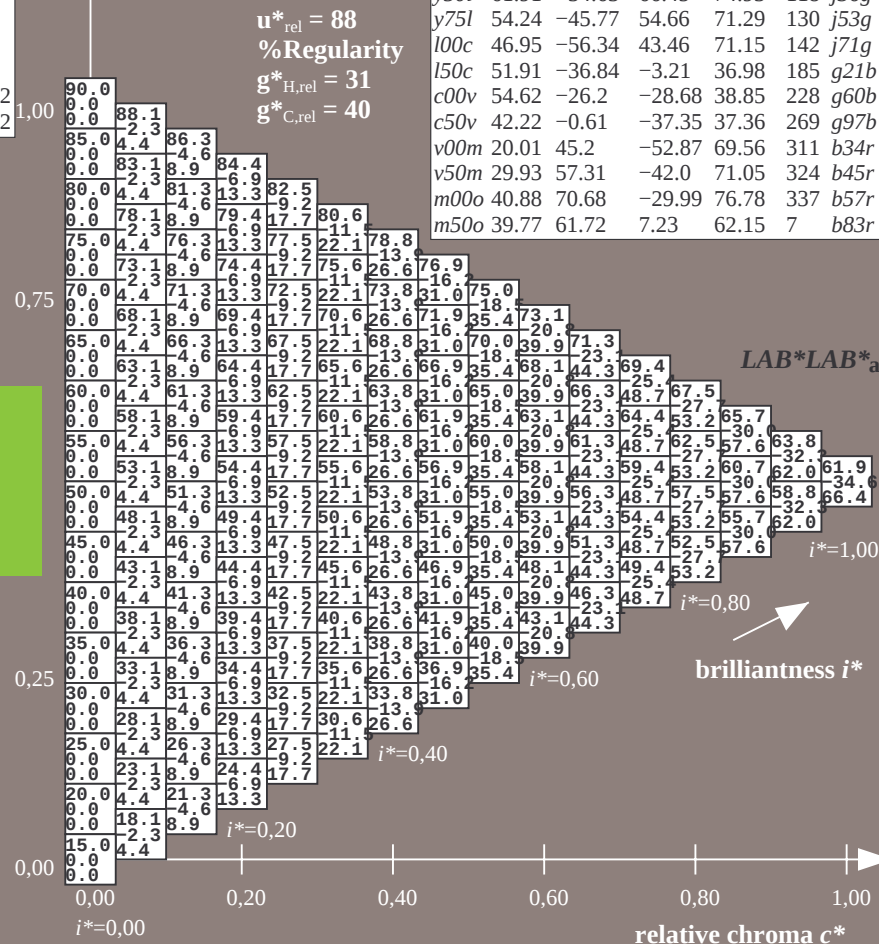
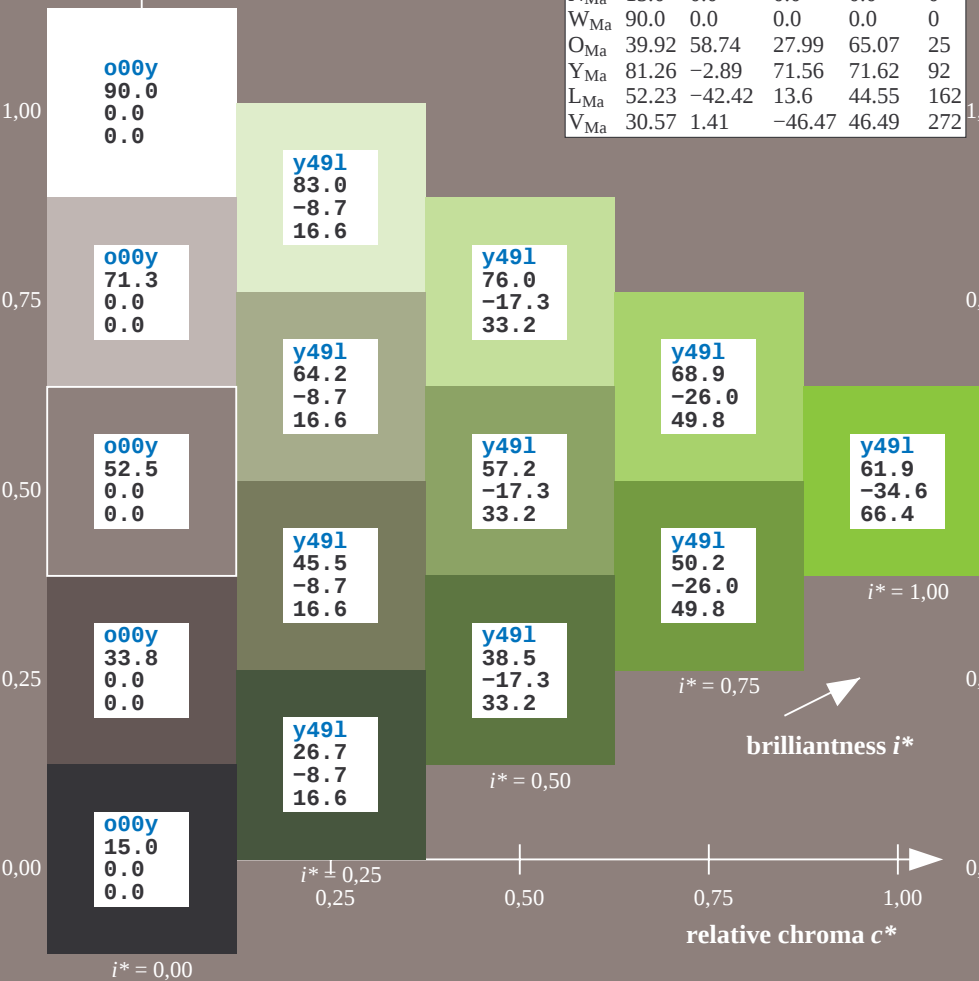
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

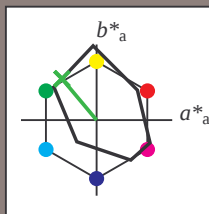
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -46 55

$LAB^*LCH^*_{Ma}$: 54 71 129

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$LAB^*LAB^*_a$

$i^*=1,00$

brilliantness i^*

relative chroma c^*

1,00

0,75

0,50

0,25

0,00

$i^* = 0,00$

$i^* \pm 0,25$

$i^* = 0,50$

$i^* = 0,75$

$i^* = 1,00$

brilliantness i^*

relative chroma c^*

1,00

0,75

0,25

0,00

$i^*=0,00$

$i^*=0,20$

$i^*=0,40$

$i^*=0,60$

$i^*=0,80$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

data for any colour:

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

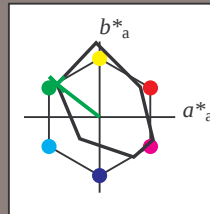
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -56 43

$LAB^*LCH^*_{Ma}$: 47 71 142

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

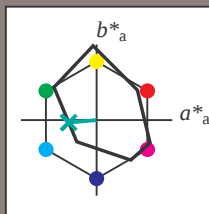
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -37 -3

$LAB^*LCH^*_{Ma}$: 52 37 184

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*

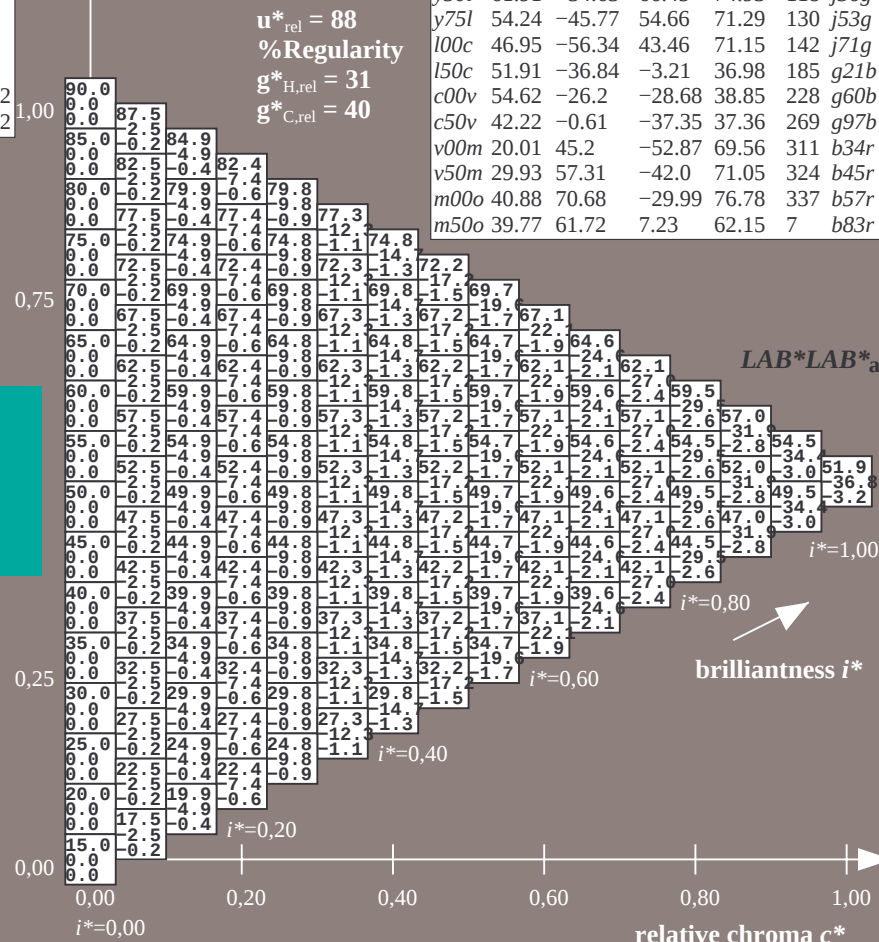
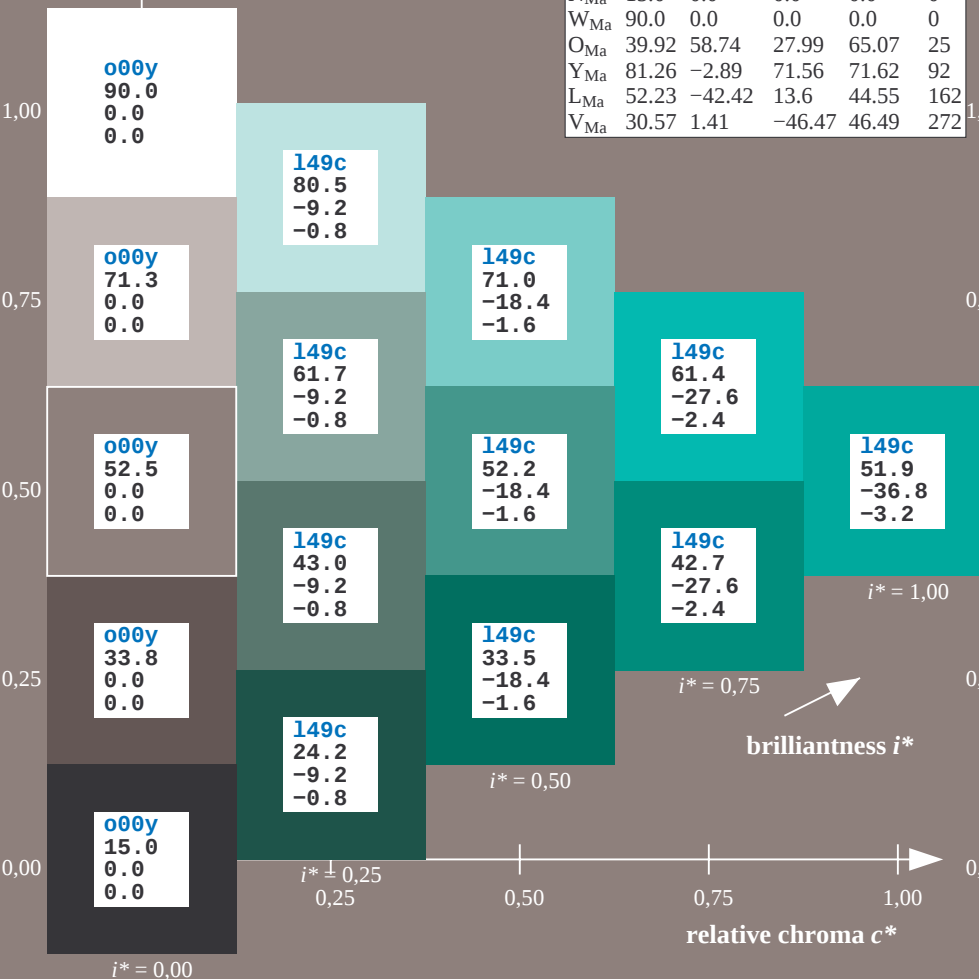
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

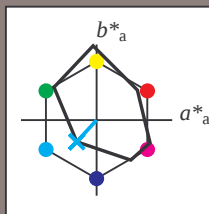
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -26 -29

$LAB^*LCH^*_{Ma}$: 55 39 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.81 1.0

triangle lightness t^*

% Gamut

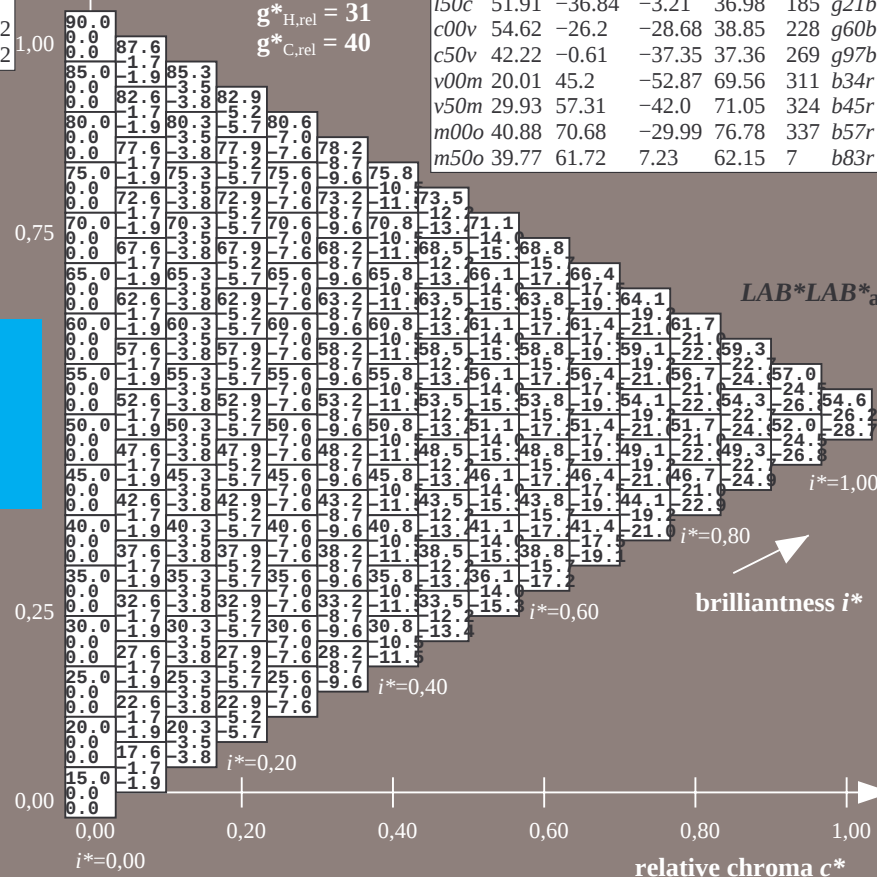
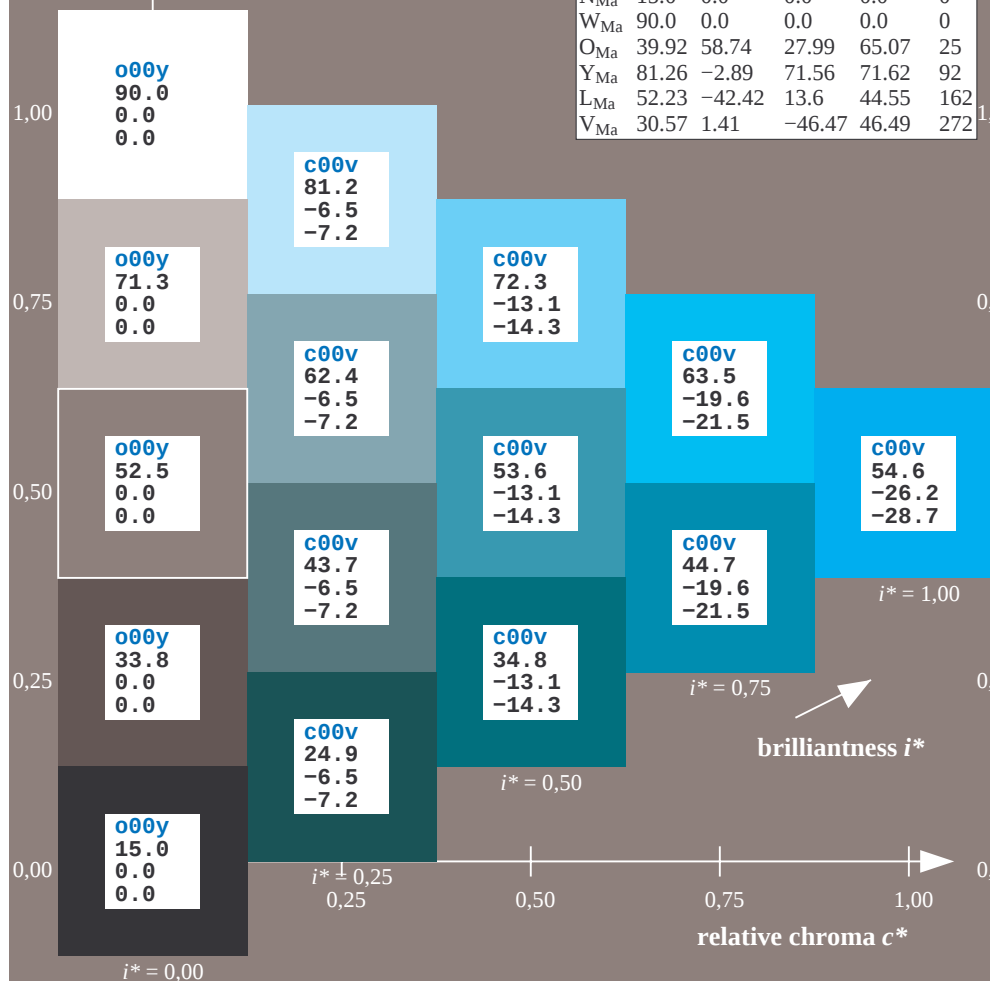
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

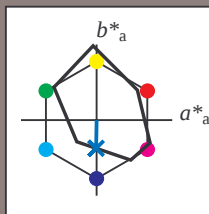
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 -1 -37

$LAB^*LCH^*_{Ma}$: 42 37 269

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

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

triangle lightness t^*

% Gamut

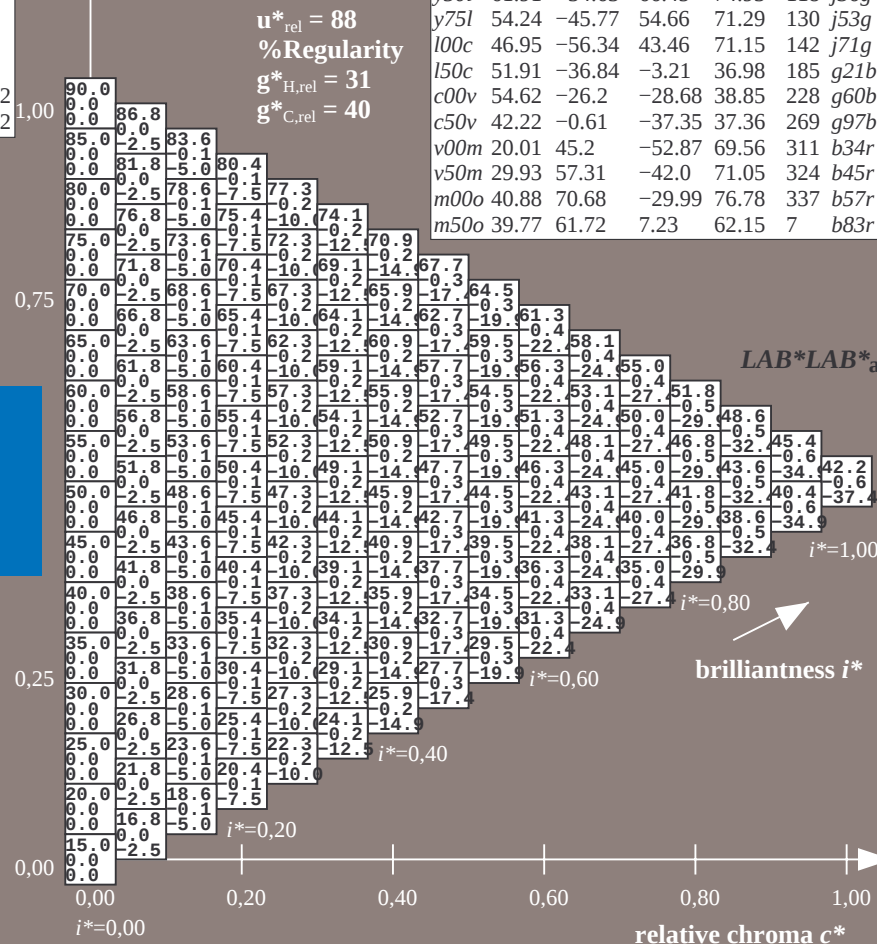
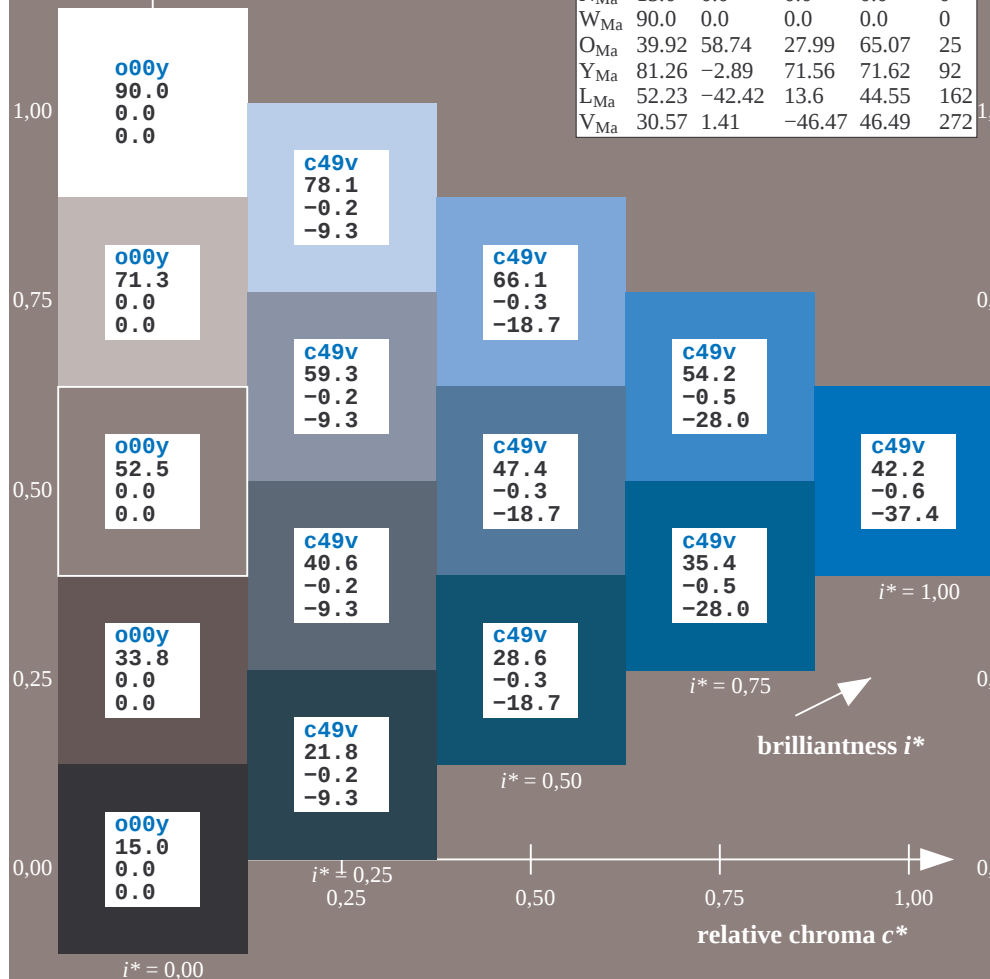
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

data for any colour:

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

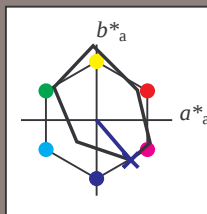
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 20 45 -53

$LAB^*LCH^*_{Ma}$: 20 70 310

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = v00m$

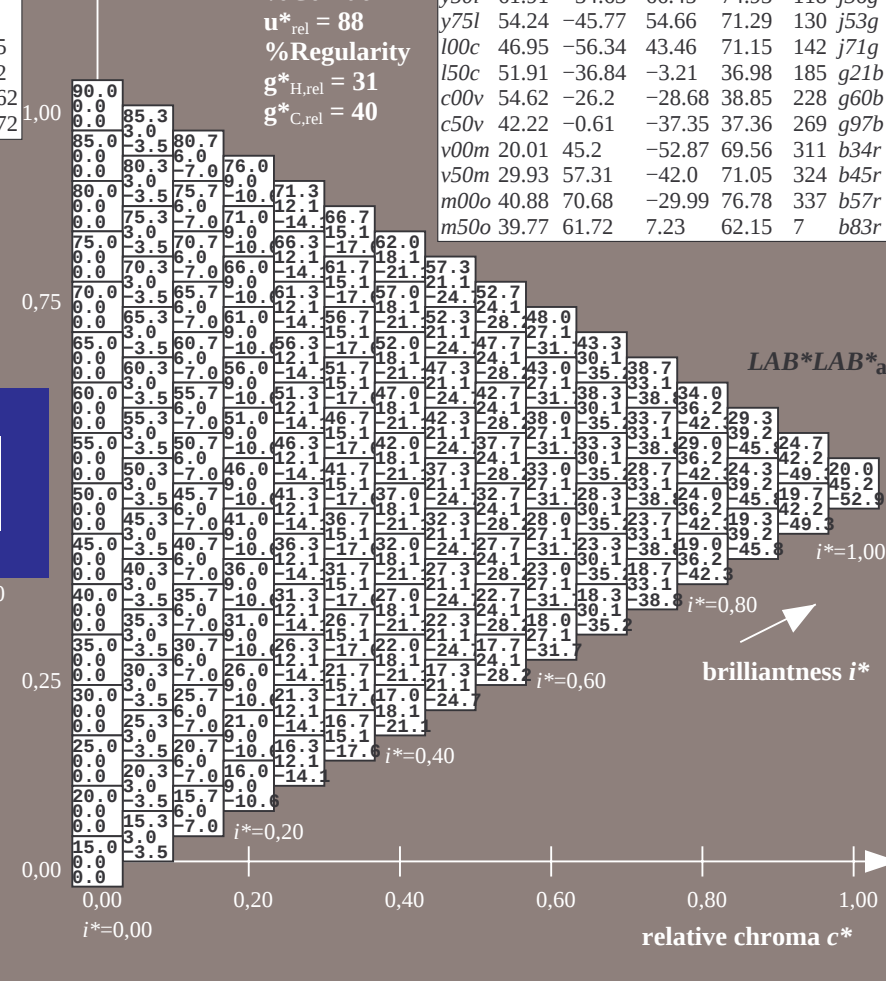
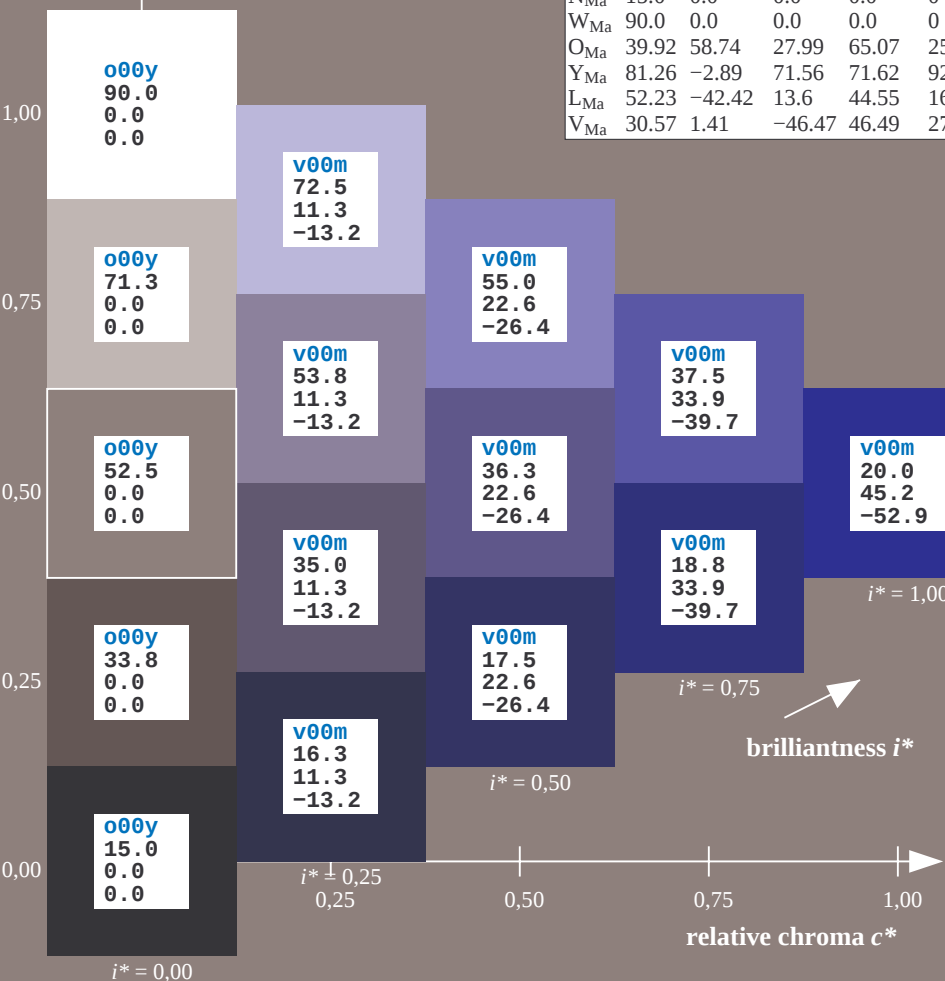
$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

brilliantness i^*

relative chroma c^*



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

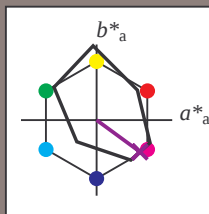
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 57 -42

$LAB^*LCH^*_{Ma}$: 30 71 323

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

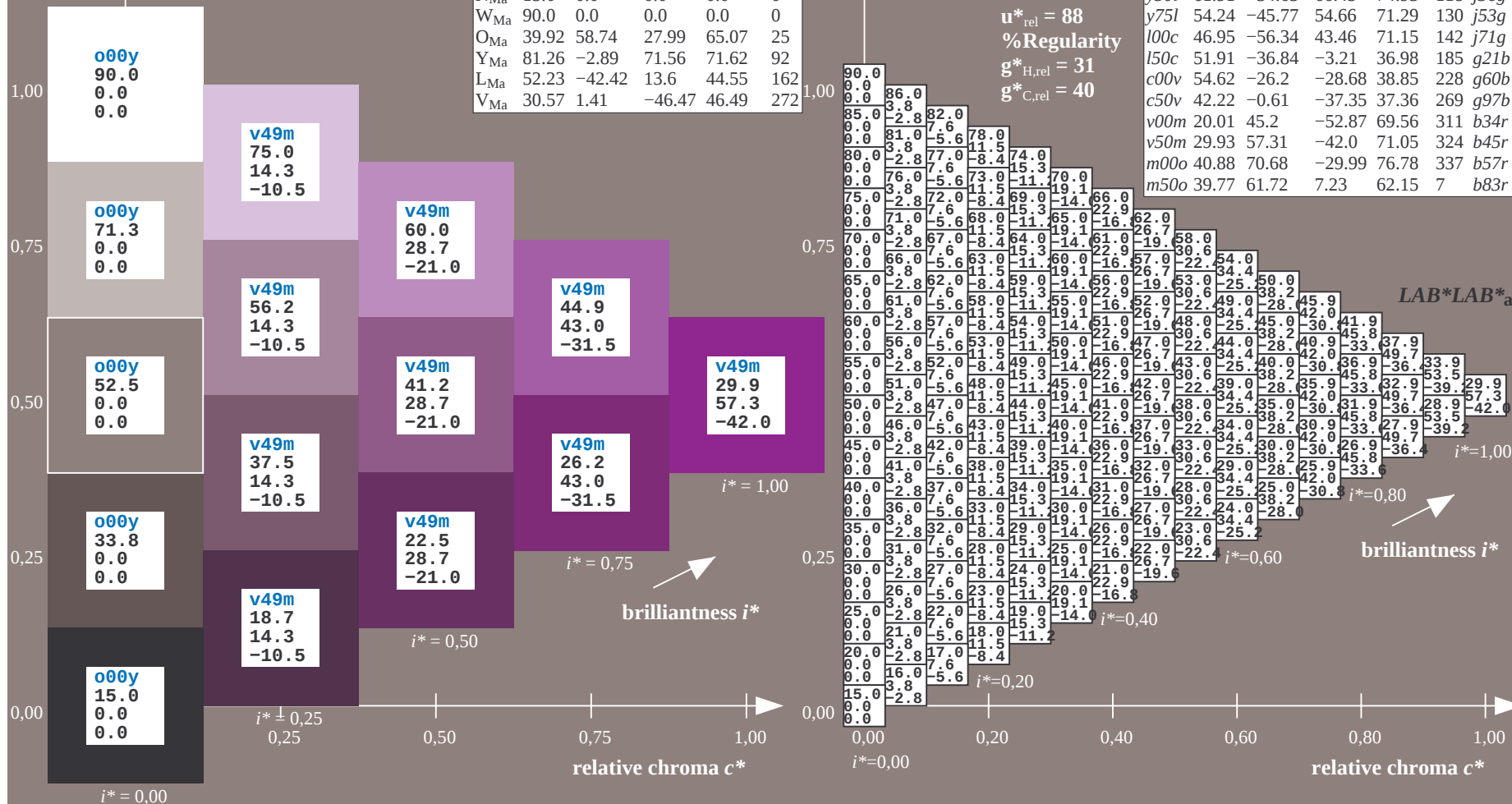
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

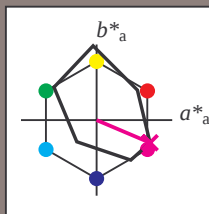
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 71 -30

$LAB^*LCH^*_{Ma}$: 41 77 337

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = m00o$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:

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

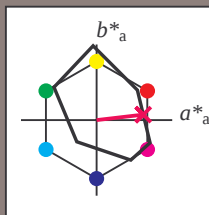
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 40 62 7

$LAB^*LCH^*_{Ma}$: 40 62 6

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = m50o$

$LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

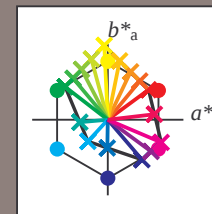
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output:
 Colorimetric Printer Reflective System FRS09_92a
 data for any colour:
 u^*_d and number *no.* = 00 .. 15
 device hue text:
 $u^*_d = 16$ hues *o00y*, *o25y*, ..., *m50o*
 contrast reduction factor:
 $c_R = 0.9$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



%Gamut

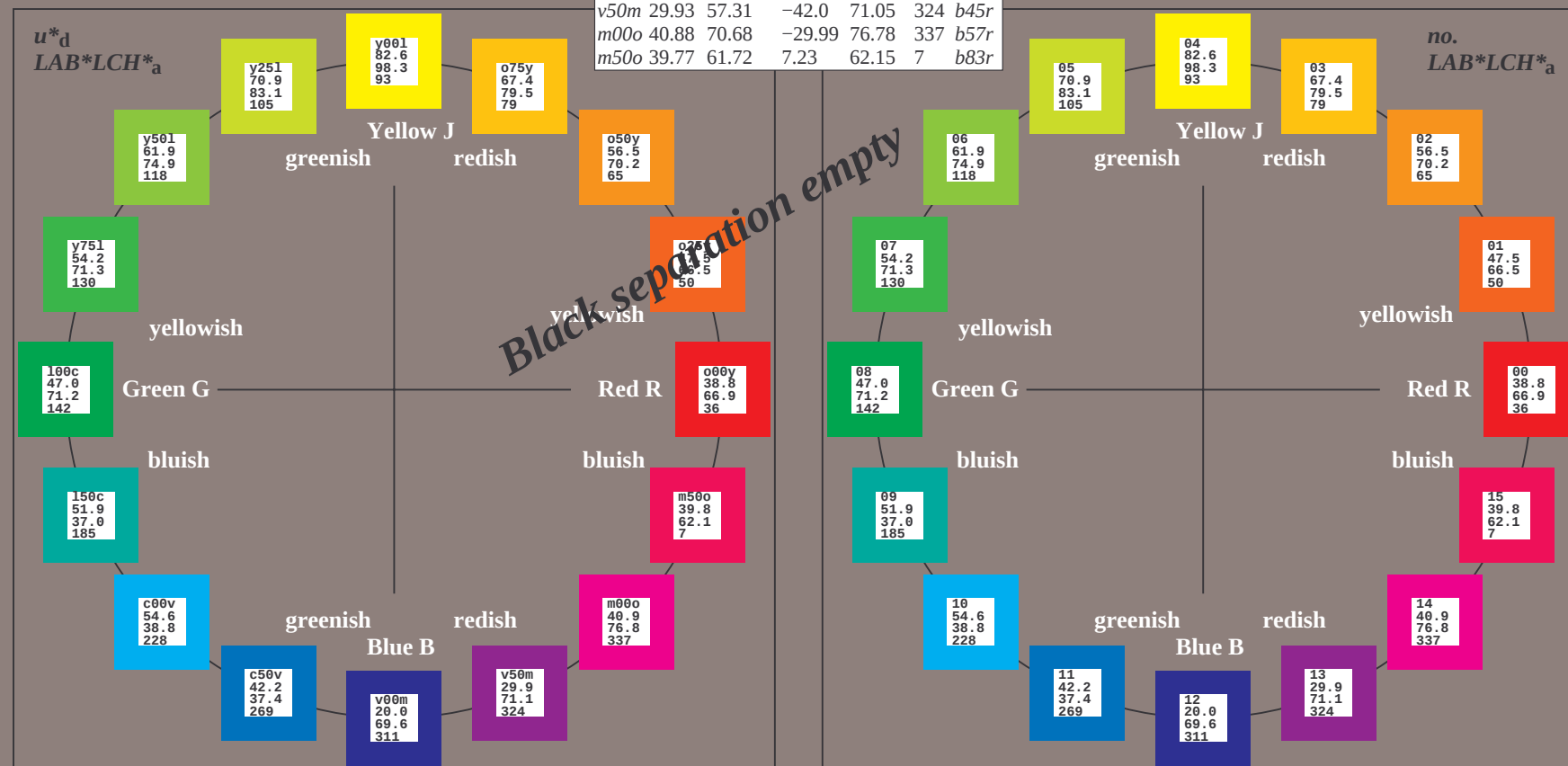
$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$
data for any colour:

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

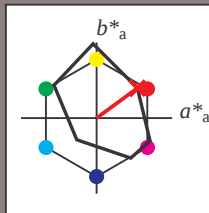
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 54 40

$LAB^*LCH^*_{Ma}$: 39 67 36

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>

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

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

$i^* \pm 0,25$
0,25

$i^* = 0,50$

$i^* = 0,75$

$i^* = 1,00$

brilliantness i^*

Black separation empty

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

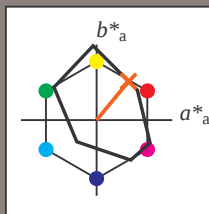
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 42 51

$LAB^*LCH^*_{Ma}$: 47 66 50

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = o25y$

$LAB^*LCH^*_a$

$LAB^*LCH^*_a$

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$
data for any colour:

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

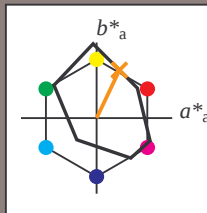
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 57 30 63

$LAB^*LCH^*_{Ma}$: 57 70 64

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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^*

$i^* = 0.00$

$i^* = 0.25$

$i^* = 0.50$

$i^* = 0.75$

$i^* = 1.00$

Black separation empty

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$
data for any colour:

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

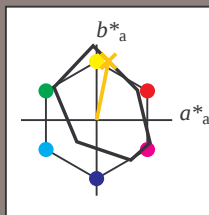
Hue texts:

$u^*_d = 0.75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 16 78

$LAB^*LCH^*_{Ma}$: 67 79 78

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$
data for any colour:

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

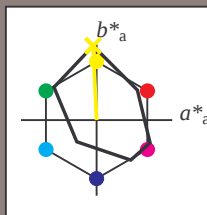
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -5 98

$LAB^*LCH^*_{Ma}$: 83 98 92

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = y00l$
 $LAB^*LCH^*_{Ma}$

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

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

$i^* \pm 0,25$
0,25

0,50

0,75

1,00

Black separation empty

$i^* = 1,00$

brilliantness i^*

$i^* = 0,75$

$i^* = 0,50$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

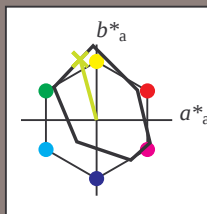
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -22 80

$LAB^*LCH^*_{Ma}$: 71 83 105

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = y25l$

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

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

data for any colour:

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

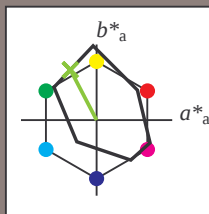
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -35 66

$LAB^*LCH^*_{Ma}$: 62 75 117

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

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

triangle lightness t^*

% Gamut

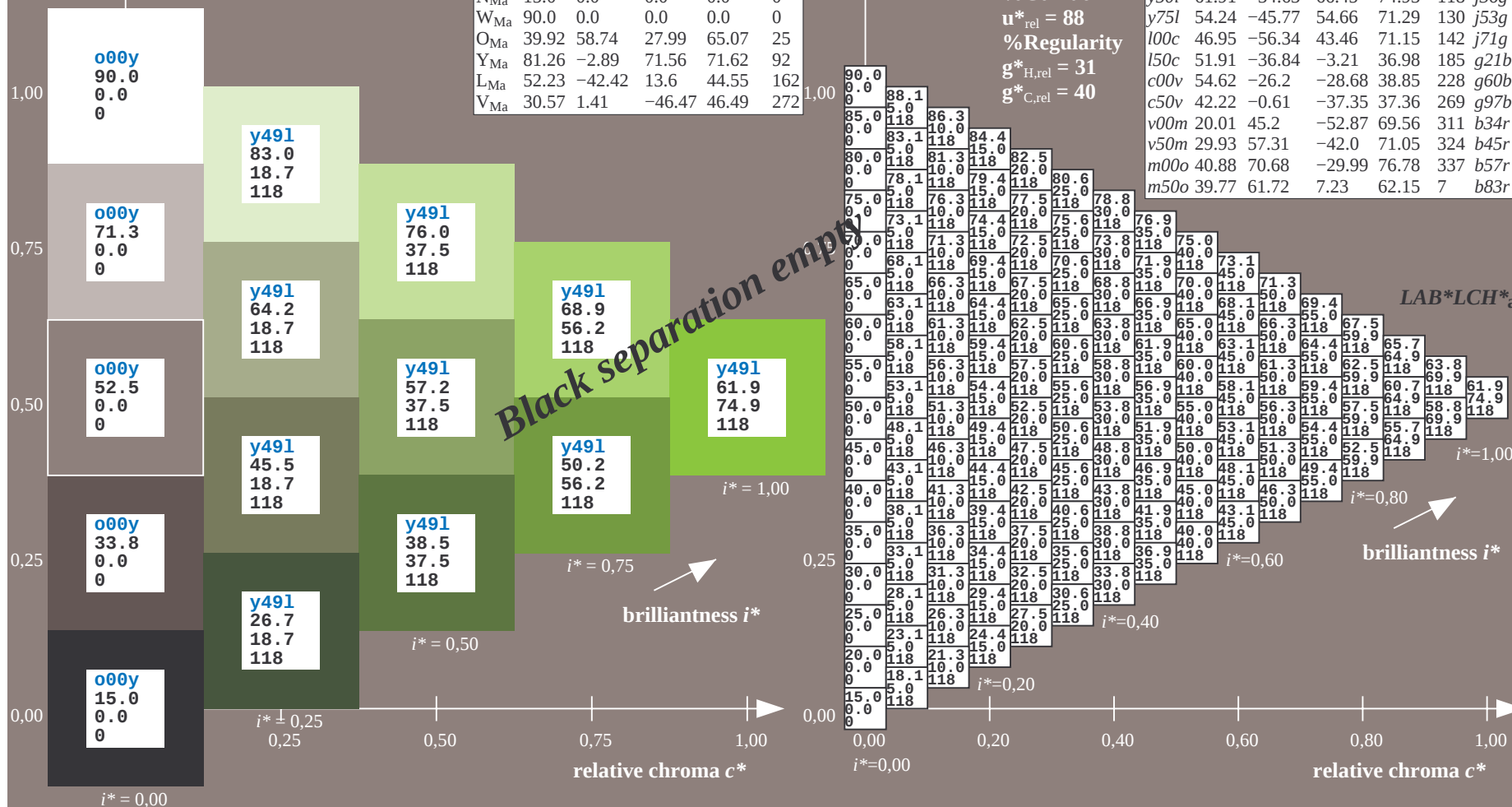
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$
data for any colour:

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

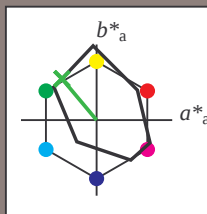
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -46 55

$LAB^*LCH^*_{Ma}$: 54 71 129

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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^*

$i^* = 0,00$

$i^* \pm 0,25$
0,25

$i^* = 0,50$

$i^* = 0,75$

$i^* = 1,00$

brilliantness i^*

Black separation empty

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

data for any colour:

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

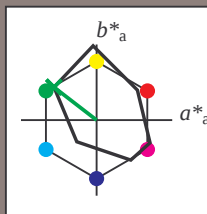
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -56 43

$LAB^*LCH^*_{Ma}$: 47 71 142

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = 100c$

$LAB^*LCH^*_a$

$LAB^*LCH^*_a$

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

$i^* \pm 0,25$

$i^* = 0,50$

$i^* = 0,75$

$i^* = 1,00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

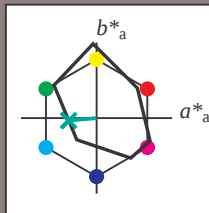
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -37 -3

$LAB^*LCH^*_{Ma}$: 52 37 184

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	38.8	53.92	39.68	66.95	36
o25y	47.46	42.34	51.25	66.48	50
o50y	56.54	30.2	63.39	70.22	65
o75y	67.39	15.68	77.9	79.47	79
y00l	82.58	-4.64	98.22	98.33	93
y25l	70.85	-21.66	80.19	83.07	105
y50l	61.91	-34.63	66.45	74.93	118
y75l	54.24	-45.77	54.66	71.29	130
l00c	46.95	-56.34	43.46	71.15	142
l50c	51.91	-36.84	-3.21	36.98	185
c00v	54.62	-26.2	-28.68	38.85	228
c50v	42.22	-0.61	-37.35	37.36	269
v00m	20.01	45.2	-52.87	69.56	311
v50m	29.93	57.31	-42.0	71.05	324
m00o	40.88	70.68	-29.99	76.78	337
m50o	39.77	61.72	7.23	62.15	7

$u^*_d = 150c$

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

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

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

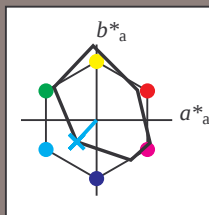
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -26 -29

$LAB^*LCH^*_{Ma}$: 55 39 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.81 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

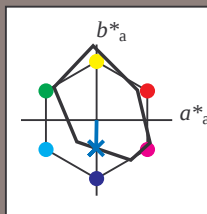
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 -1 -37

$LAB^*LCH^*_{Ma}$: 42 37 269

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = c50v$

$LAB^*LCH^*_a$

$LAB^*LCH^*_a$

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

data for any colour:

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

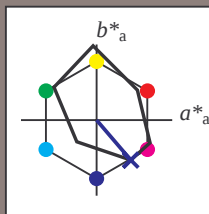
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 20 45 -53

$LAB^*LCH^*_{Ma}$: 20 70 310

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = v00m$

$LAB^*LCH^*_a$

$LAB^*LCH^*_a$

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

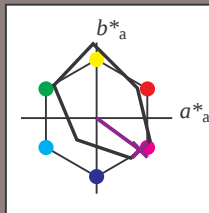
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 57 -42

$LAB^*LCH^*_{Ma}$: 30 71 323

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = v50m$

$LAB^*LCH^*_a$

$LAB^*LCH^*_a$

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

$i^* \pm 0,25$

$i^* = 0,50$

$i^* = 0,75$

$i^* = 1,00$

Black separation empty

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

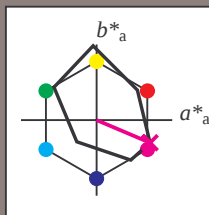
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 71 -30

$LAB^*LCH^*_{Ma}$: 41 77 337

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$
data for any colour:

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

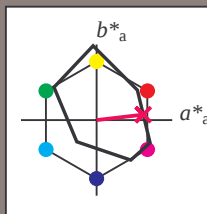
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 40 62 7

$LAB^*LCH^*_{Ma}$: 40 62 6

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = m50o$

$LAB^*LCH^*_a$

$LAB^*LCH^*_a$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

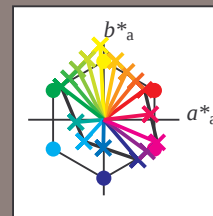
relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output:
 Colorimetric Printer Reflective System FRS09_92a
 data for any colour:
 u^*_d and number *no.* = 00 .. 15
 device hue text:
 $u^*_d = 16$ hues *o00y*, *o25y*, ..., *m50o*
 contrast reduction factor:
 $c_R = 0.9$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



%Gamut

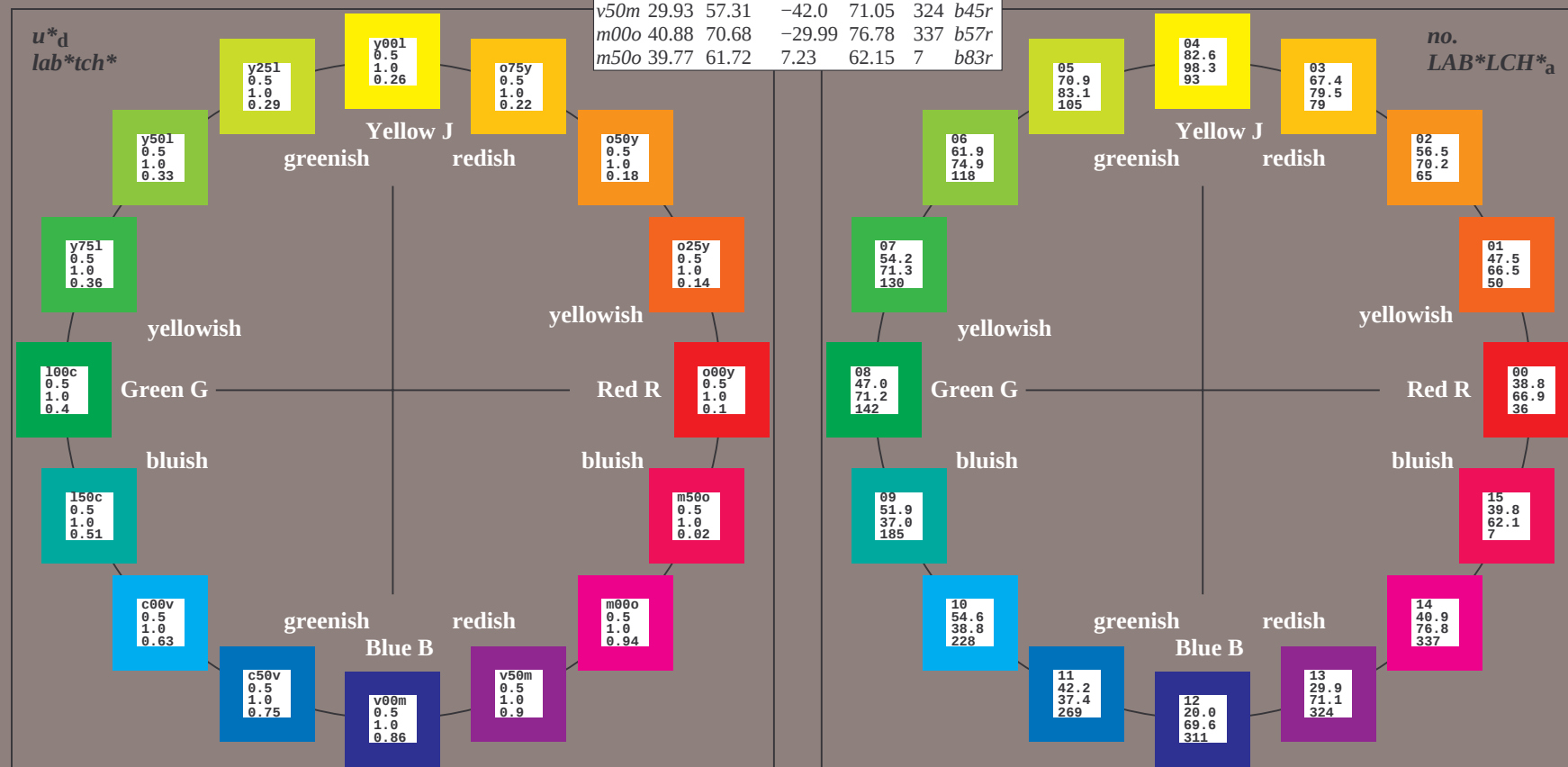
$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

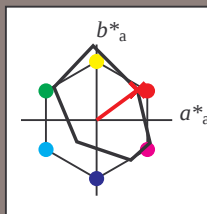
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 54 40

$LAB^*LCH^*_{Ma}$: 39 67 36

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

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

triangle lightness t^*

% Gamut

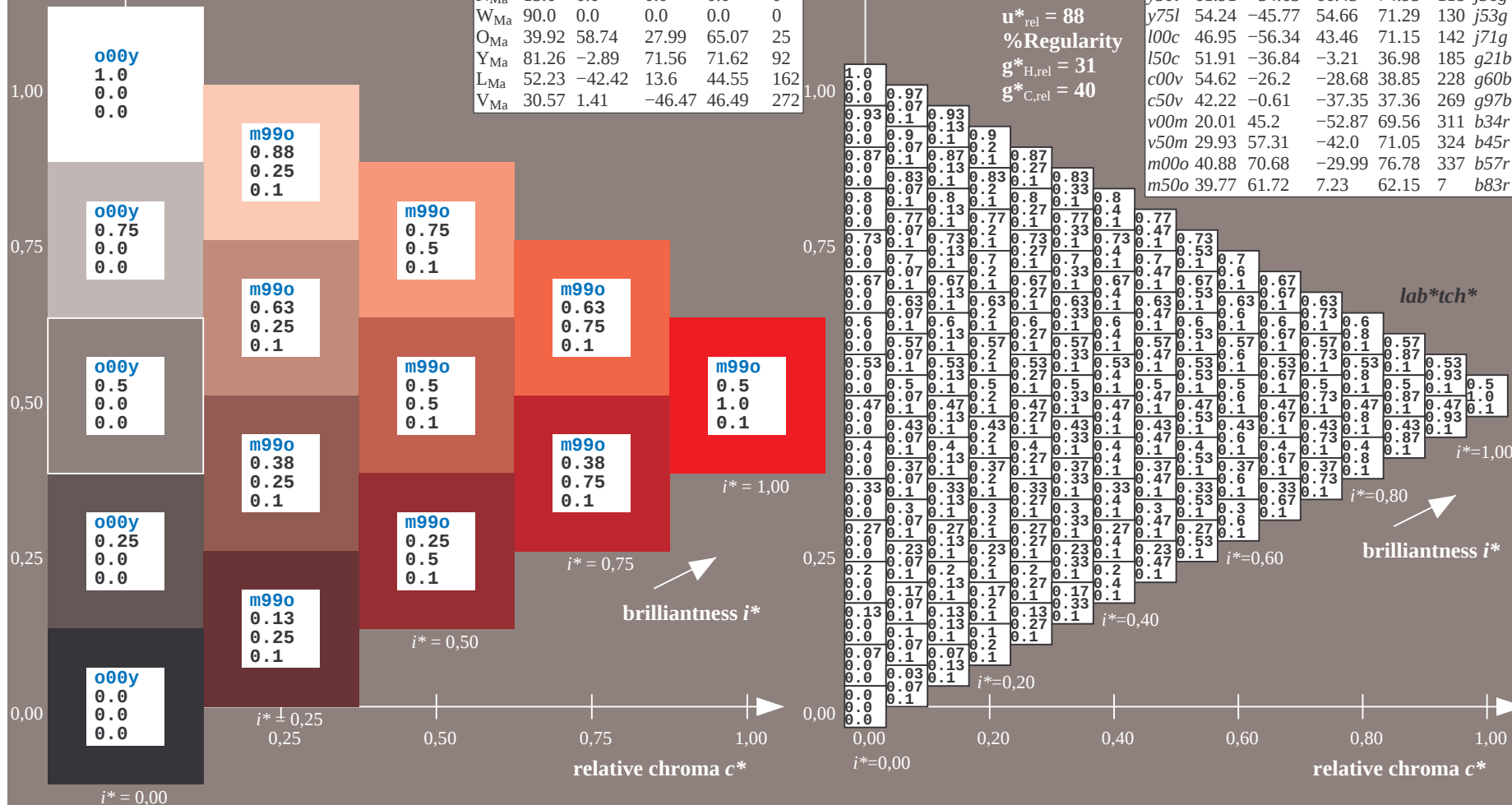
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.14$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

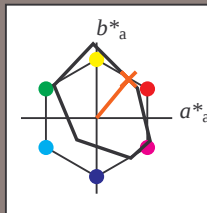
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma$: 47 42 51

$LAB \cdot LCH \cdot Ma$: 47 66 50

$lab \cdot olv \cdot Ma$: 1.0 0.25 0.0

$lab \cdot rgb \cdot Ma$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

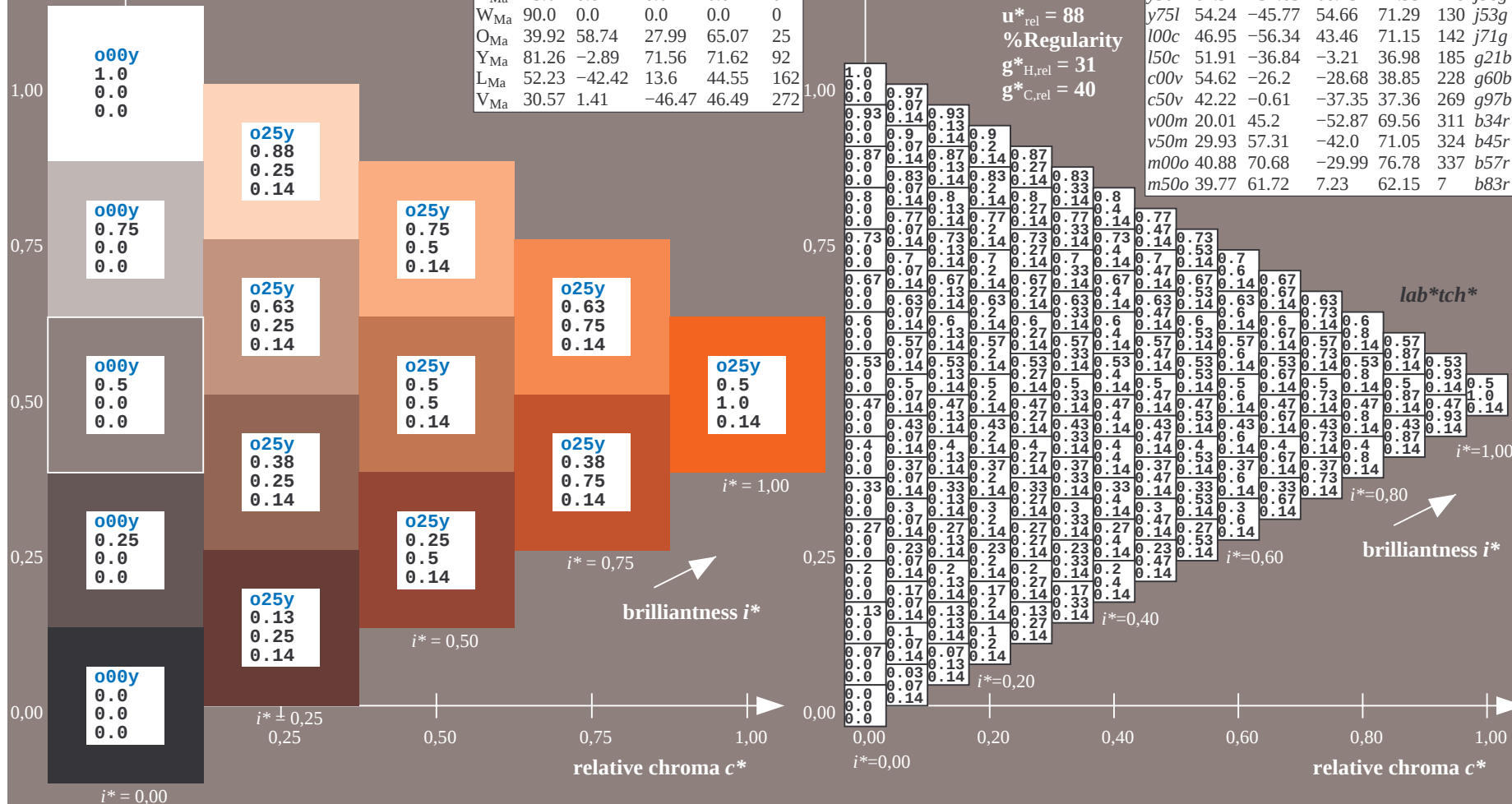
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.179$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

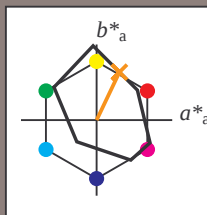
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma$: 57 30 63

$LAB \cdot LCH \cdot Ma$: 57 70 64

$lab \cdot olv \cdot Ma$: 1.0 0.5 0.0

$lab \cdot rgb \cdot Ma$: 1.0 0.58 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab \cdot tch^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.218$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

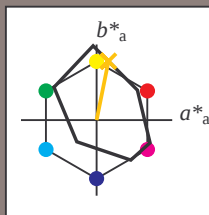
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma$: 67 16 78

$LAB \cdot LCH \cdot Ma$: 67 79 78

$lab \cdot olv \cdot Ma$: 1.0 0.75 0.0

$lab \cdot rgb \cdot Ma$: 1.0 0.8 0.0

triangle lightness t^*

% Gamut

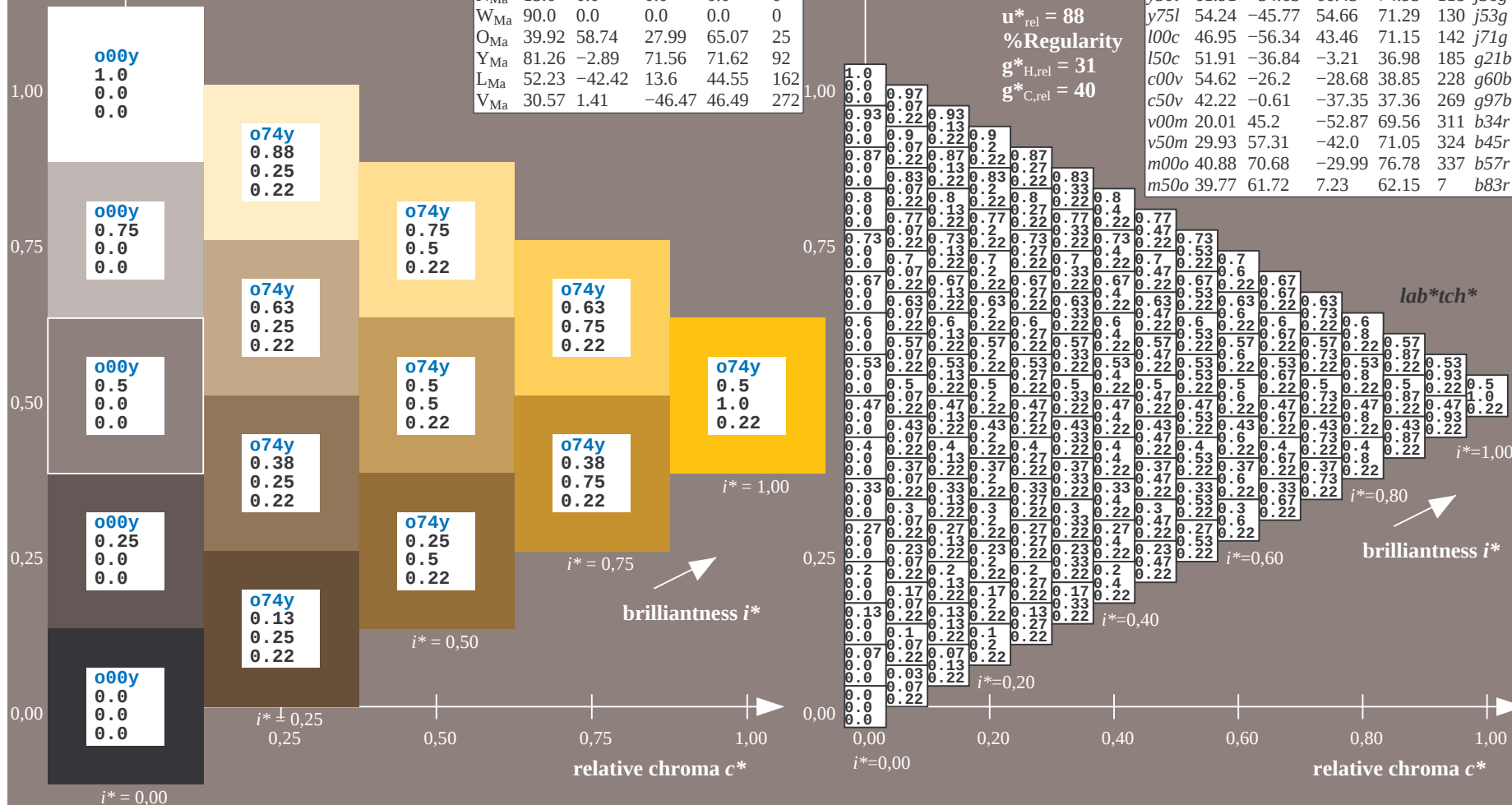
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

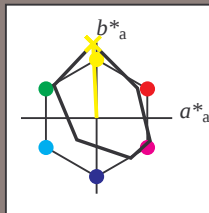
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -5 98

$LAB^*LCH^*_{Ma}$: 83 98 92

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

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

triangle lightness t^*

% Gamut

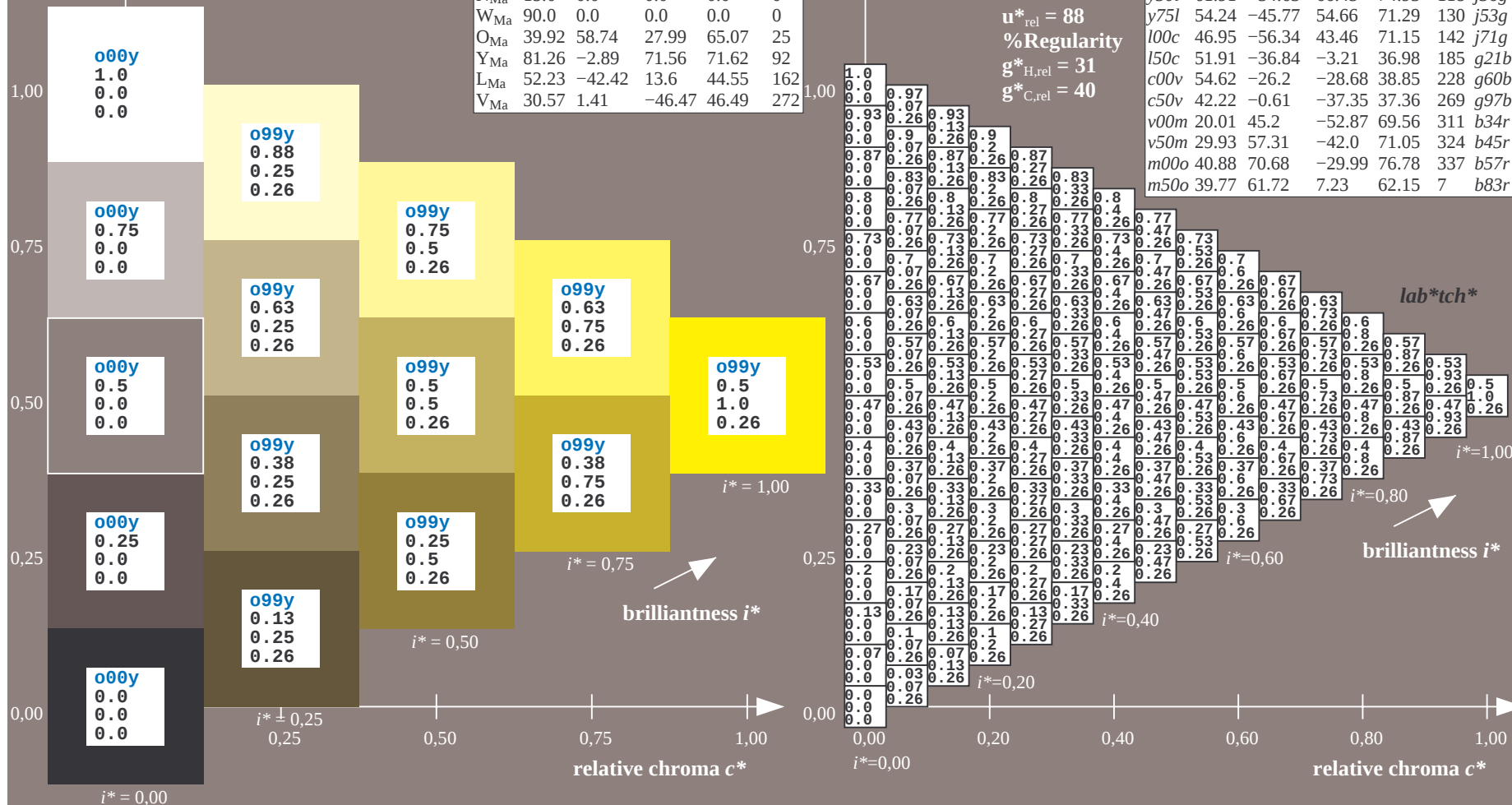
$u^*_{rel} = 88$

% Regularity

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

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

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

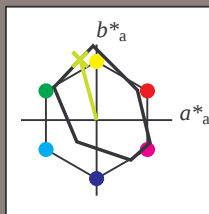
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -22 80

$LAB^*LCH^*_{Ma}$: 71 83 105

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

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

triangle lightness t^*

% Gamut

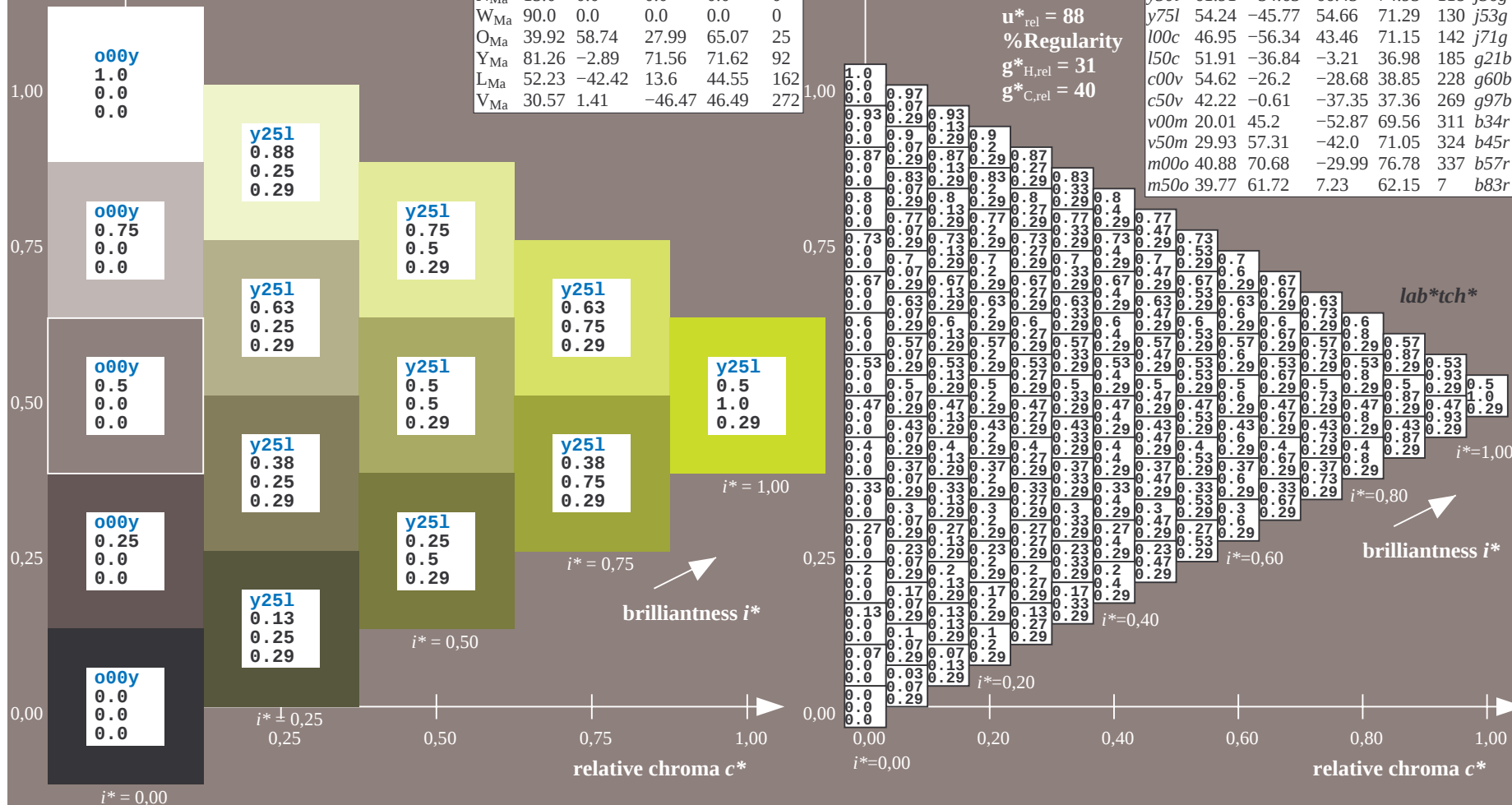
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.326$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

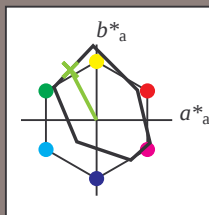
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma$: 62 -35 66

$LAB \cdot LCH \cdot Ma$: 62 75 117

$lab \cdot olv \cdot Ma$: 0.5 1.0 0.0

$lab \cdot rgb \cdot Ma$: 0.64 1.0 0.0

triangle lightness t^*

% Gamut

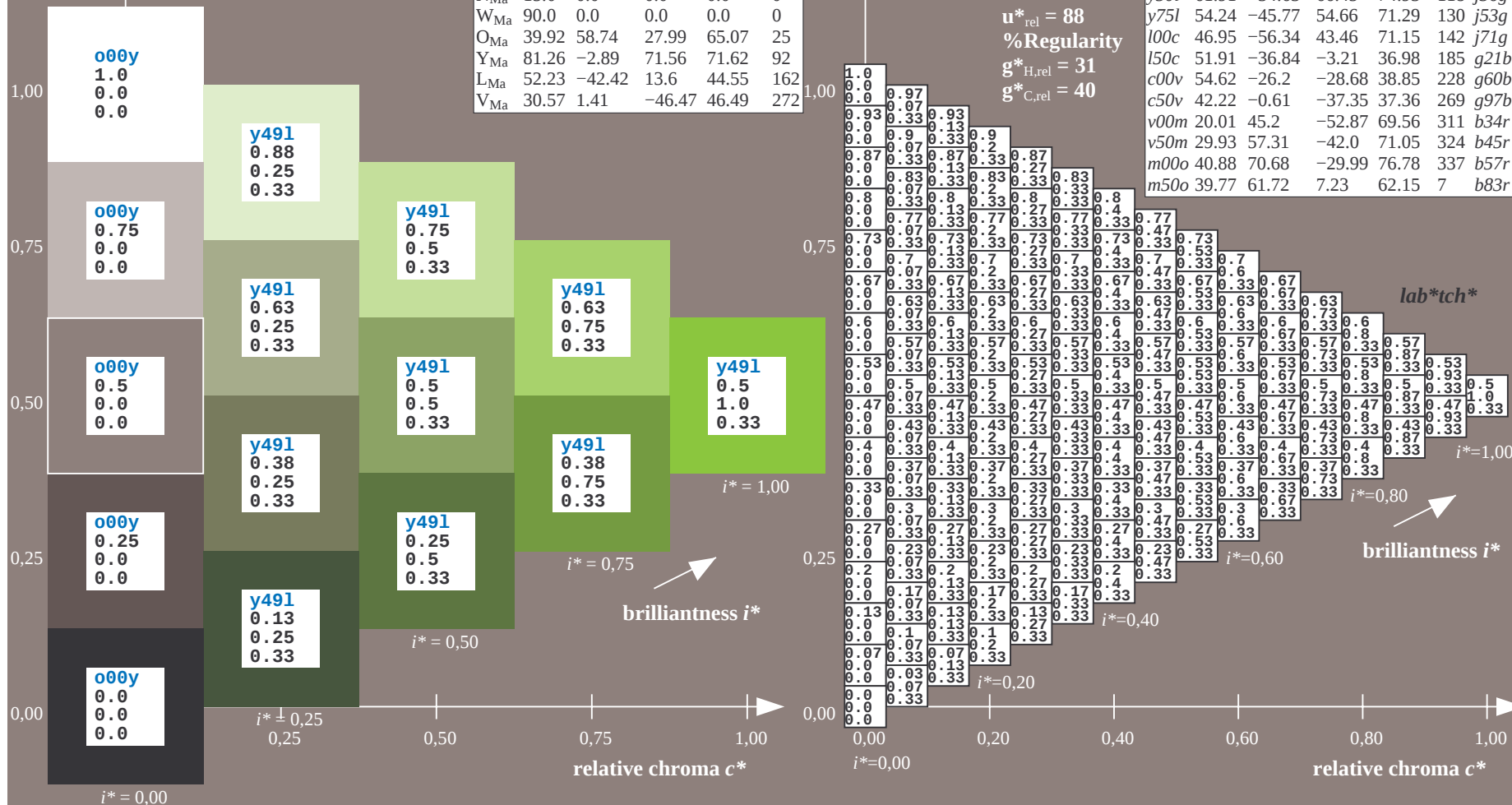
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



$u^*_d = y_{75l}$
 lab^*tch^*

FRS09_92a; adapted (a) CIELAB data
 $\mu^*_d, L^*=L^*_a, a^*_a, b^*_a, C^*_{ab}, h^*_{ab}$

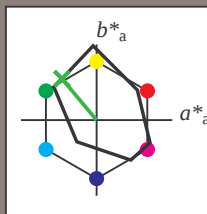
Data for maximum colour (Ma):

LAB*LAB*Ma: 54 -46 55

LAB*LCH*Ma: 54 71 129

lab*oly*Ma: 0.25 1.0 0.0

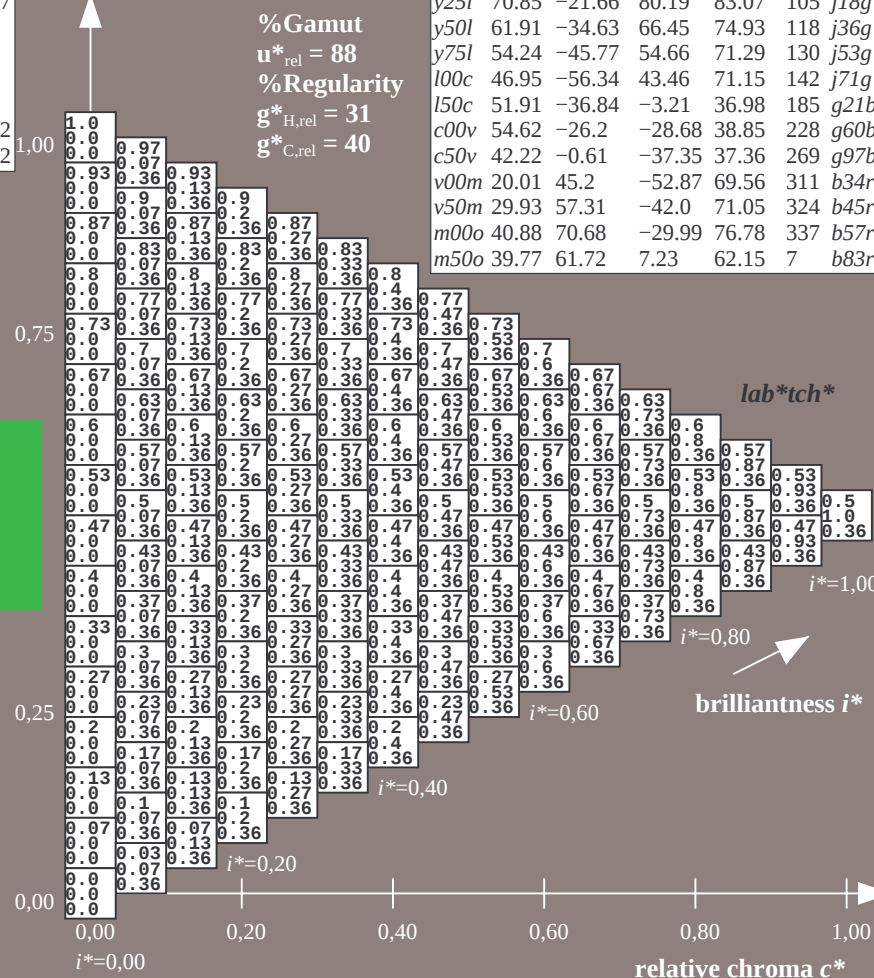
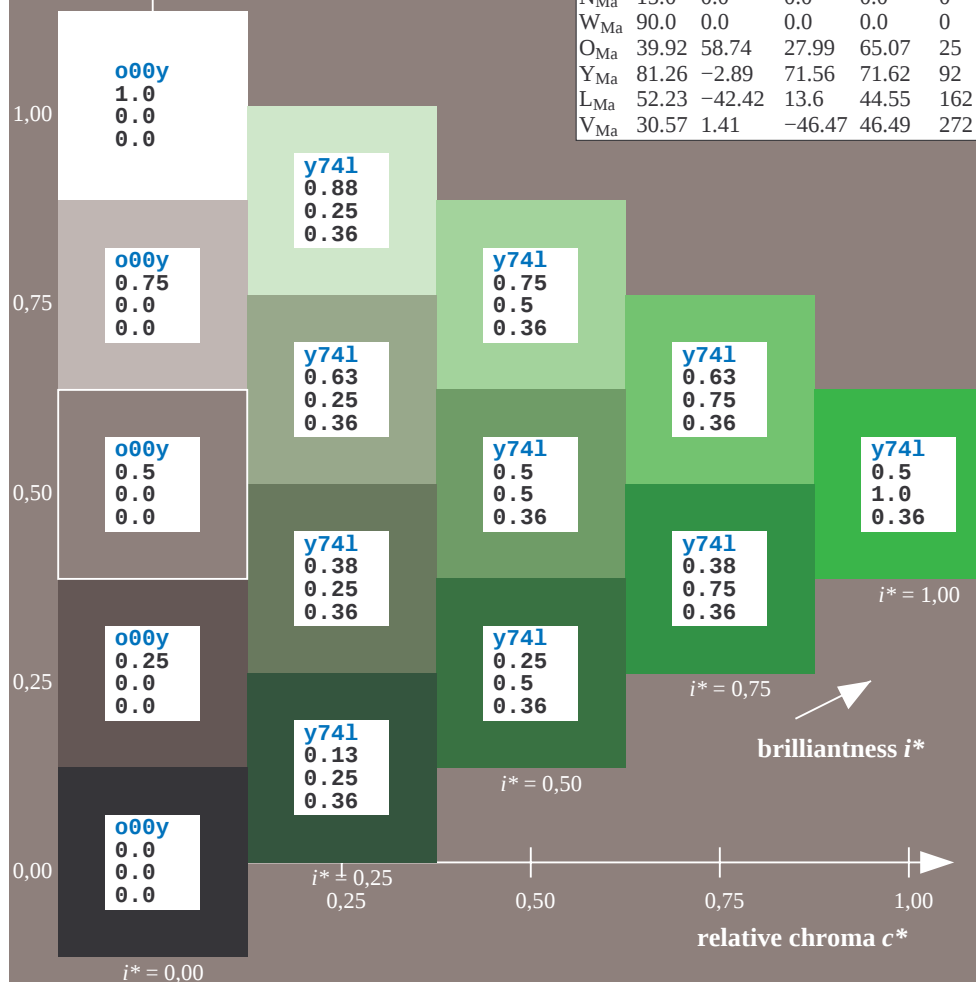
*lab*rag*_M2*: 0.46 1.0 0.0

triangle lightness t^* 

O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

FRS09_92a; adapted (a) CIELAB data

	σ_{aa}	σ_{ab}	σ_{ba}	σ_{bb}	σ_{aa}	σ_{ab}	σ_{ba}	σ_{bb}
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>		
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>		
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>		
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>		
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>		
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>		
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>		
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>		
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>		
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>		
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>		
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>		
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>		
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>		
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>		
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>		



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.395$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

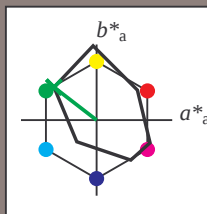
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma: 47 -56 43$

$LAB \cdot LCH \cdot Ma: 47 71 142$

$lab \cdot olv \cdot Ma: 0.0 1.0 0.0$

$lab \cdot rgb \cdot Ma: 0.28 1.0 0.0$

triangle lightness t^*

% Gamut

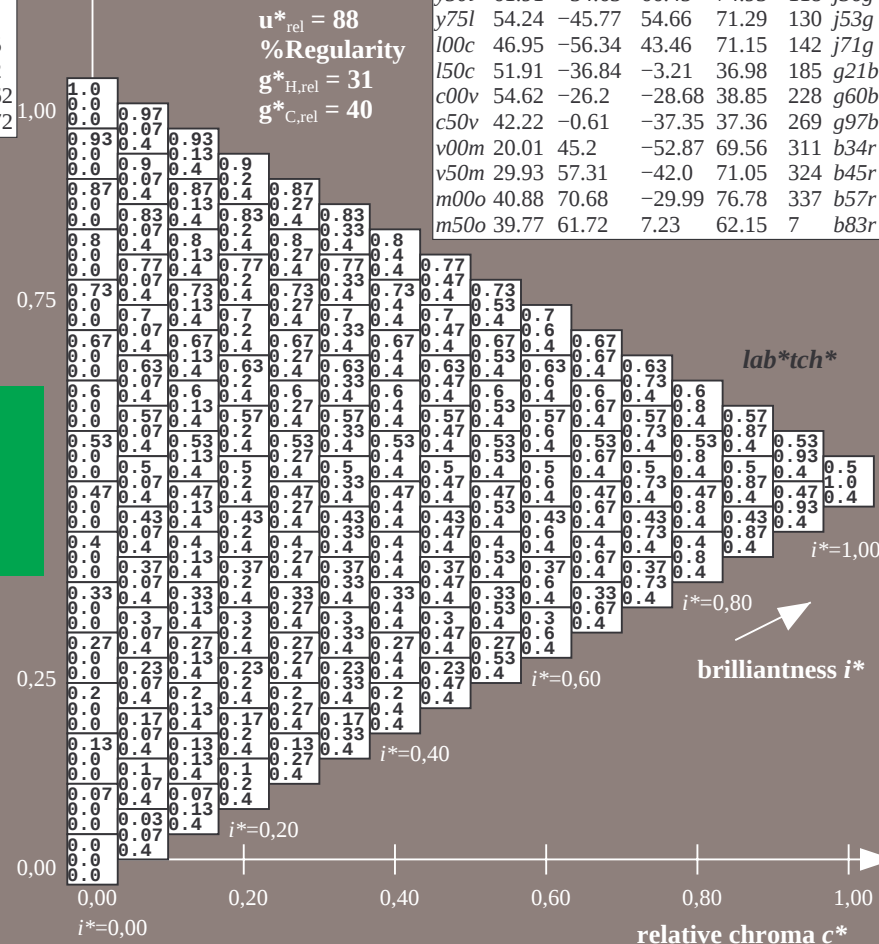
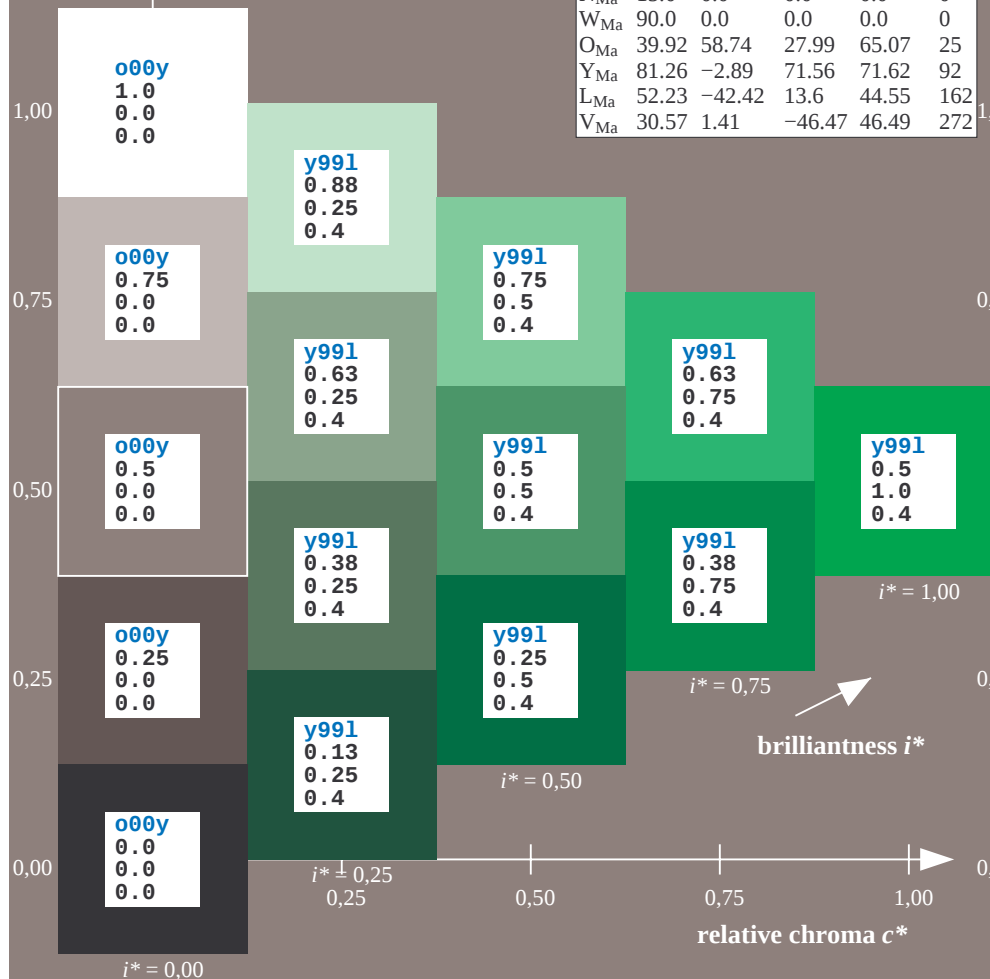
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.514$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

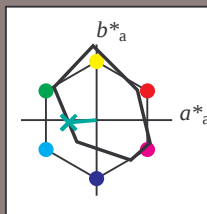
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma: 52 -37 -3$

$LAB \cdot LCH \cdot Ma: 52 37 184$

$lab \cdot olv \cdot Ma: 0.0 1.0 0.5$

$lab \cdot rgb \cdot Ma: 0.0 1.0 0.42$

triangle lightness t^*

% Gamut

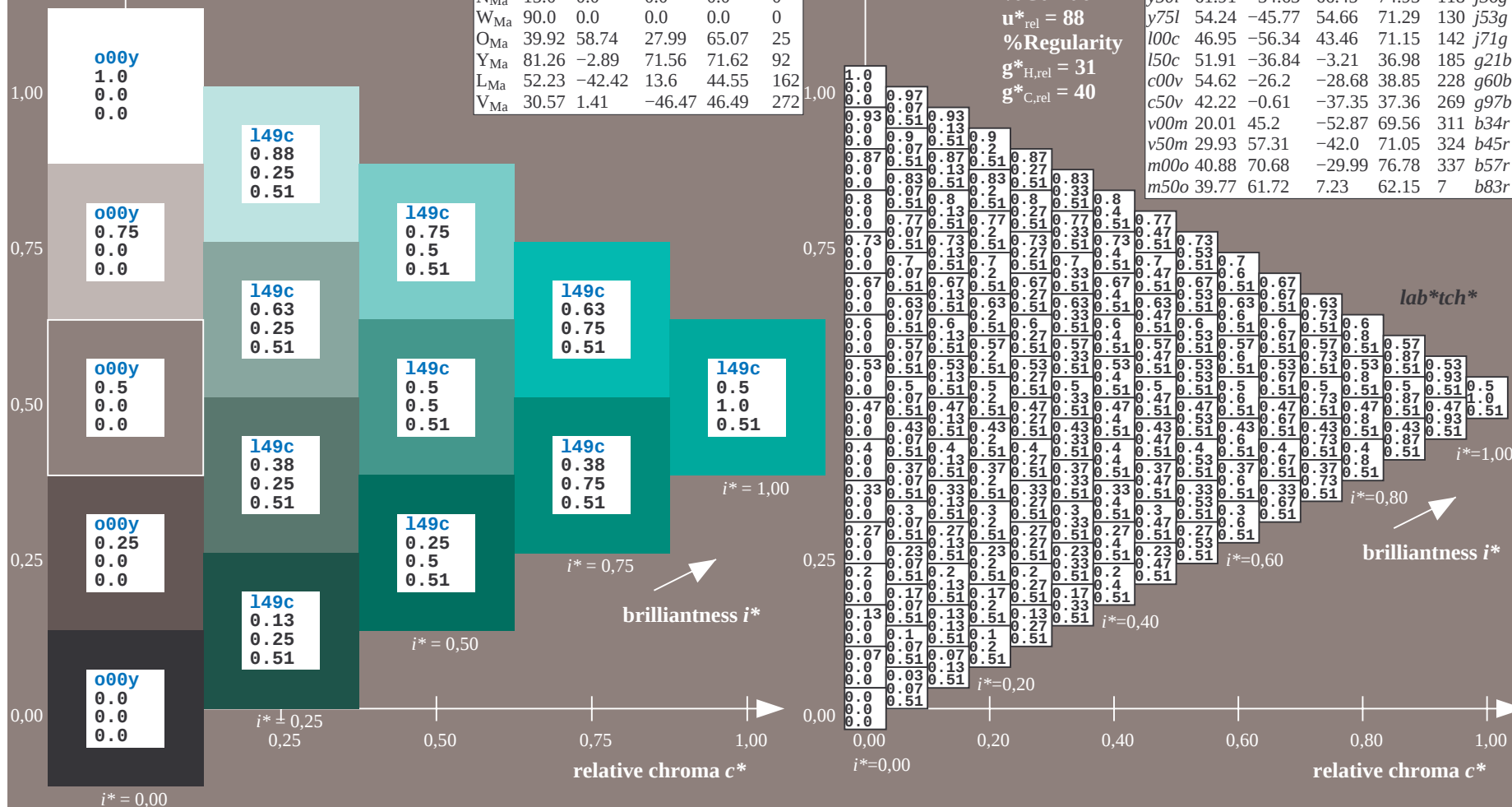
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

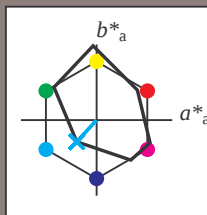
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -26 -29

$LAB^*LCH^*_{Ma}$: 55 39 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.81 1.0

triangle lightness t^*

% Gamut

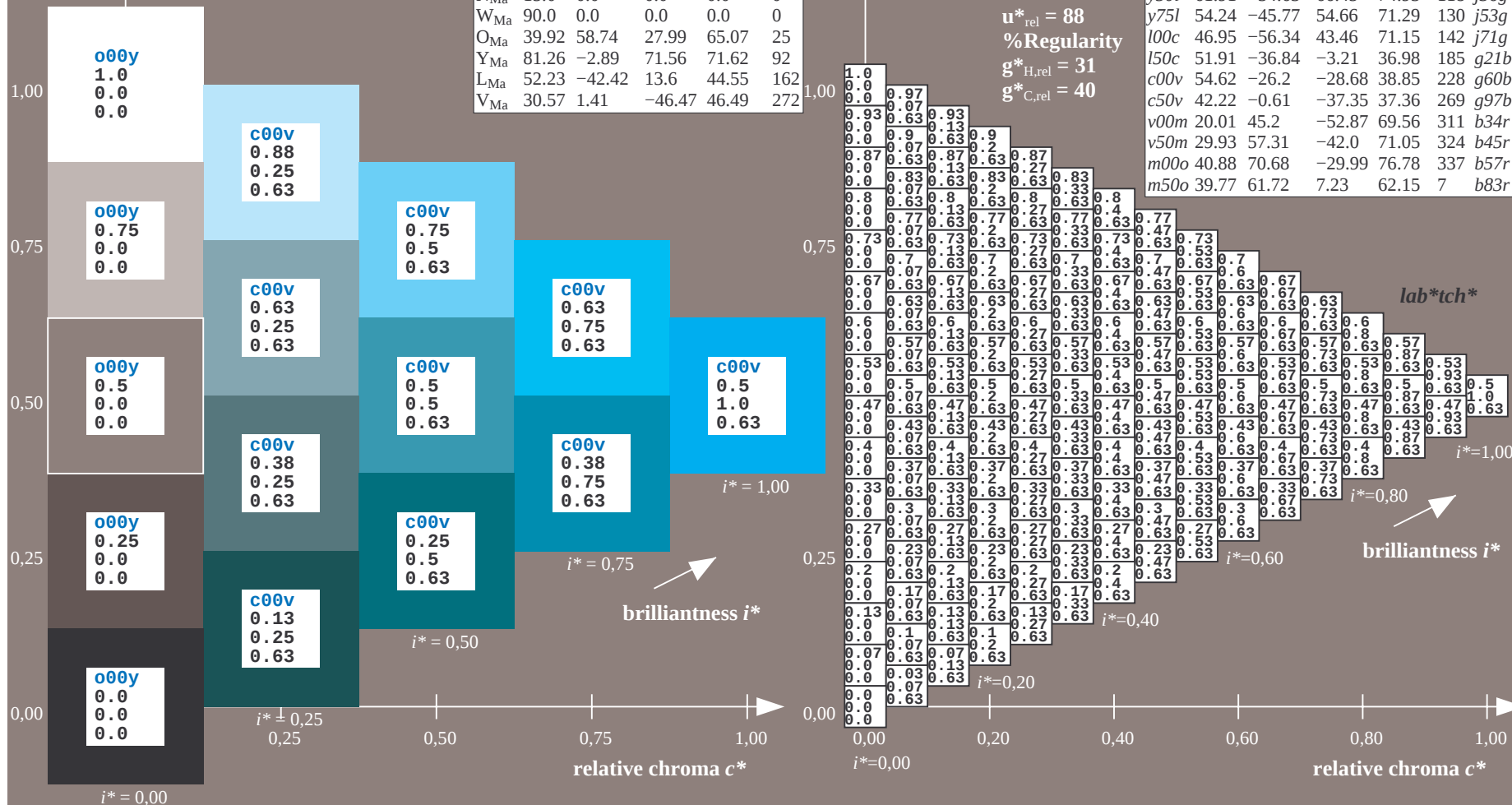
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

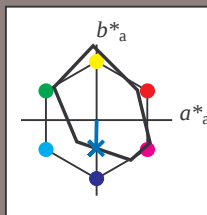
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 -1 -37

$LAB^*LCH^*_{Ma}$: 42 37 269

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

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

triangle lightness t^*

% Gamut

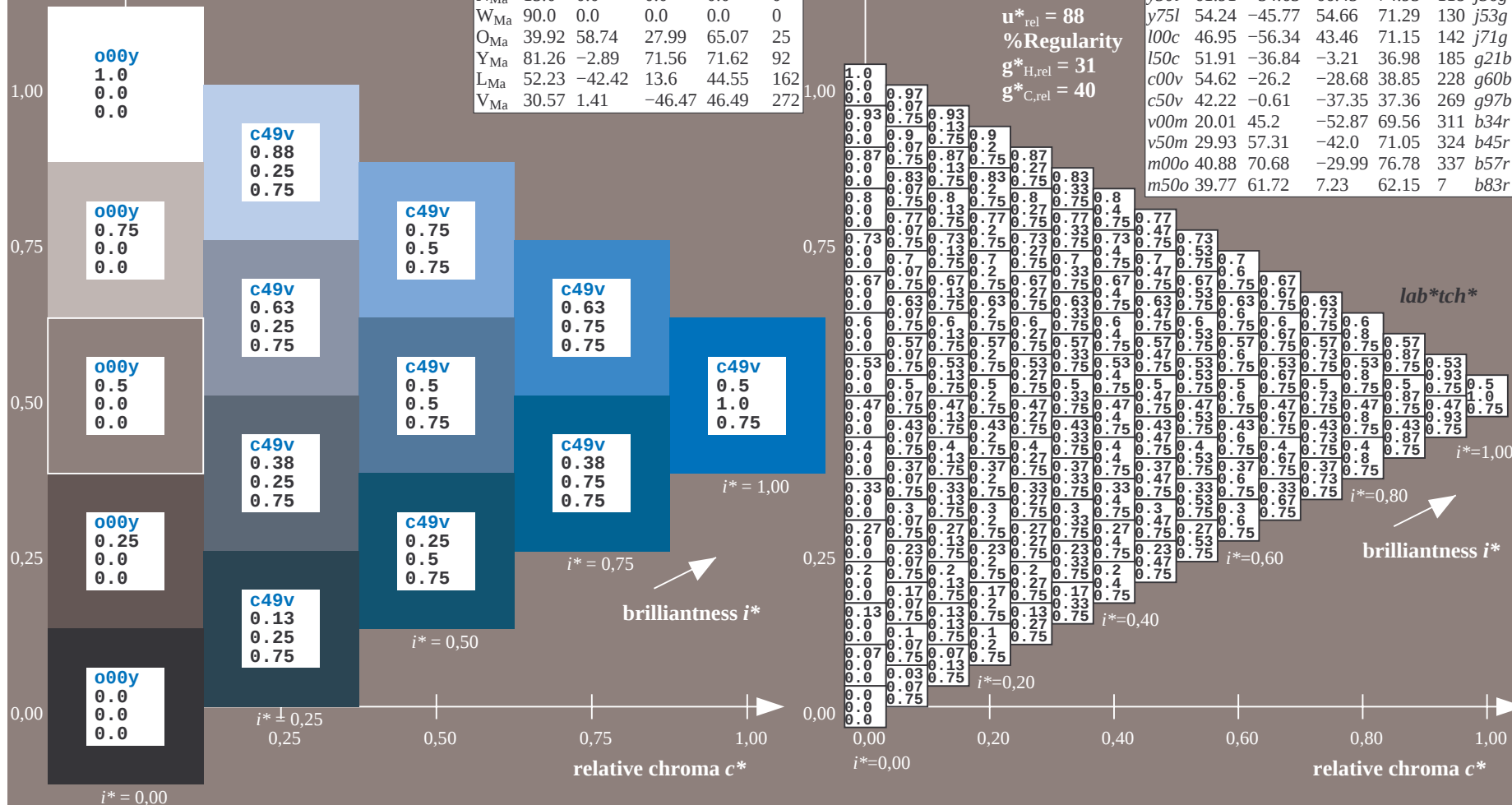
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.863$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

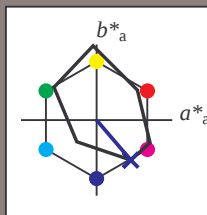
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma: 20 \ 45 \ -53$

$LAB \cdot LCH \cdot Ma: 20 \ 70 \ 310$

$lab \cdot olv \cdot Ma: 0.0 \ 0.0 \ 1.0$

$lab \cdot rgb \cdot Ma: 0.68 \ 0.0 \ 1.0$

triangle lightness t^*

% Gamut

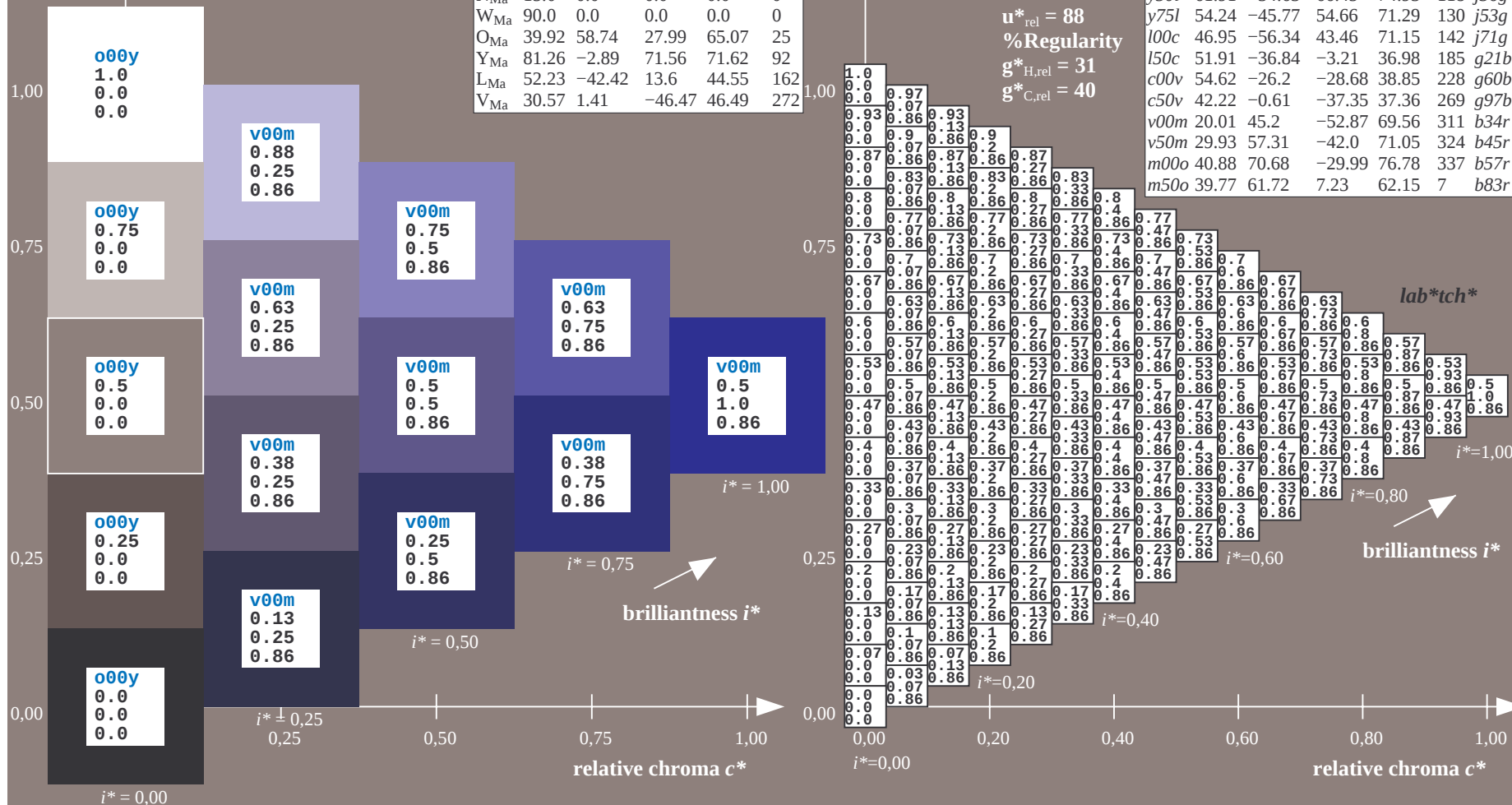
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

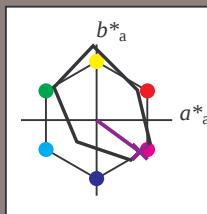
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 57 -42

$LAB^*LCH^*_{Ma}$: 30 71 323

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

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

triangle lightness t^*

% Gamut

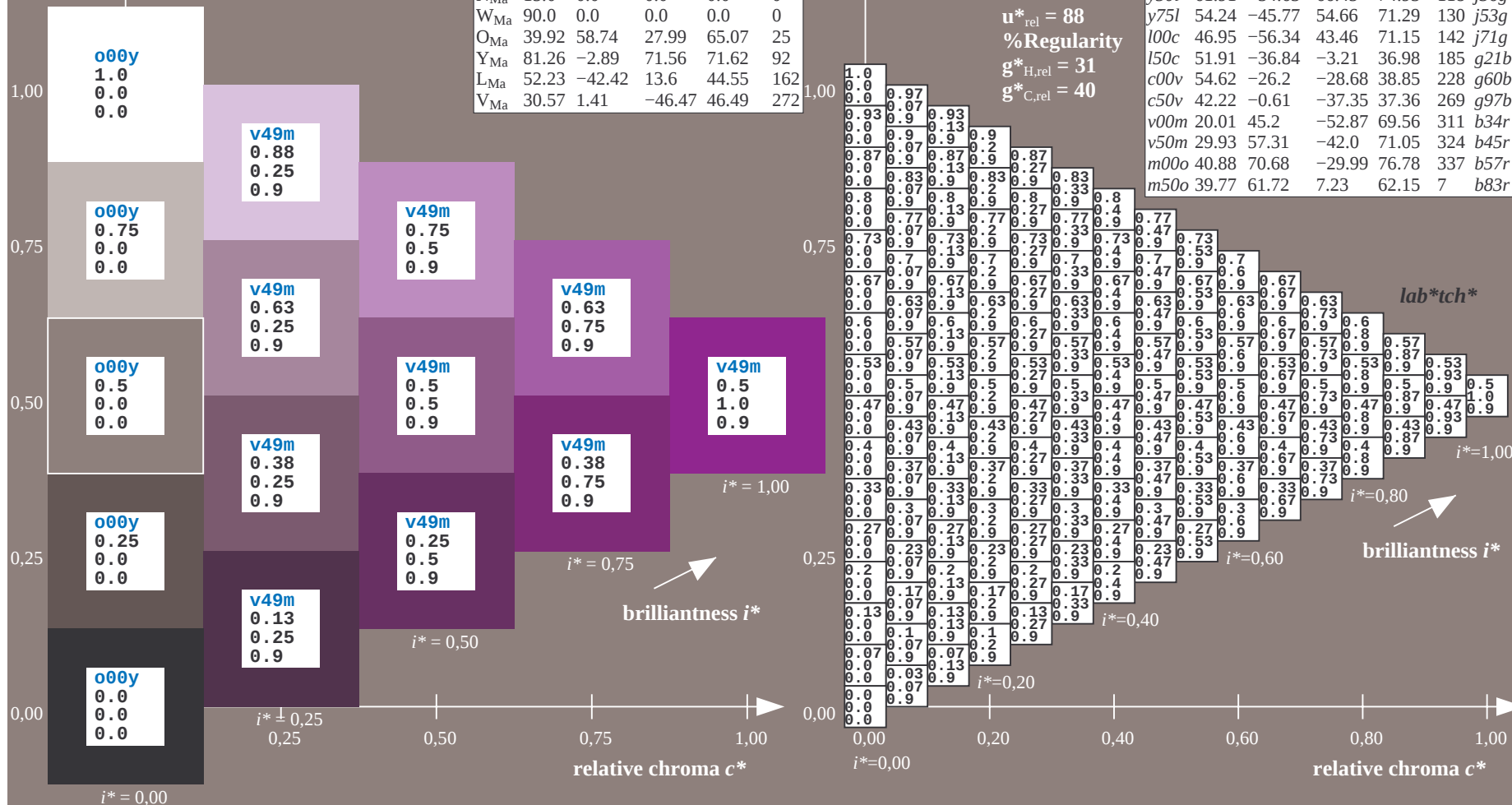
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.936$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

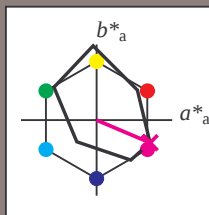
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma$: 41 71 -30

$LAB \cdot LCH \cdot Ma$: 41 77 337

$lab \cdot olv \cdot Ma$: 1.0 0.0 1.0

$lab \cdot rgb \cdot Ma$: 1.0 0.0 0.85

triangle lightness t^*

% Gamut

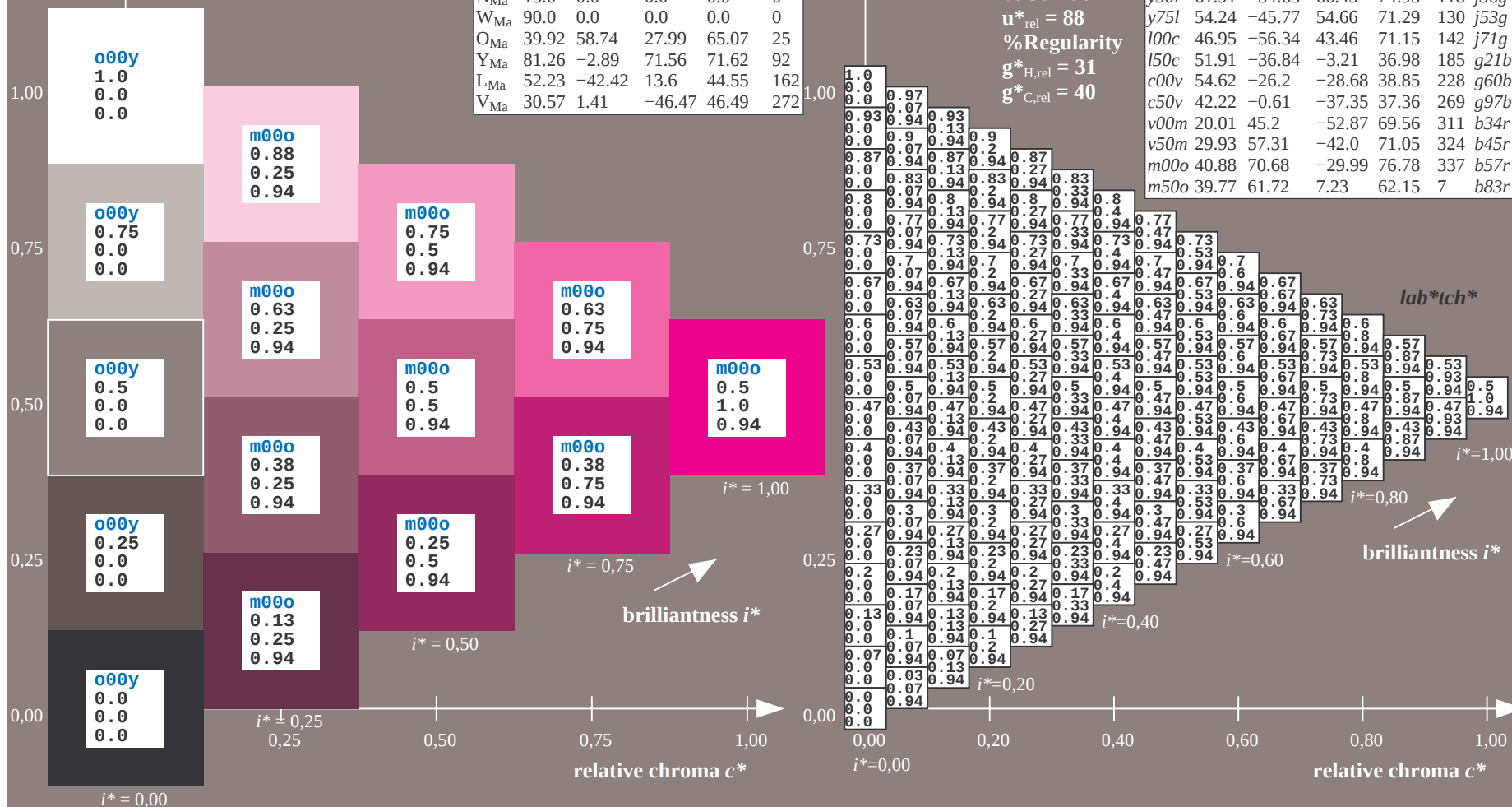
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.019$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

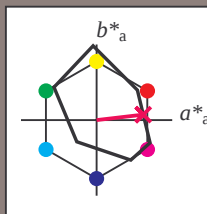
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB^*_{Ma}$: 40 62 7

$LAB \cdot LCH^*_{Ma}$: 40 62 6

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

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

triangle lightness t^*

% Gamut

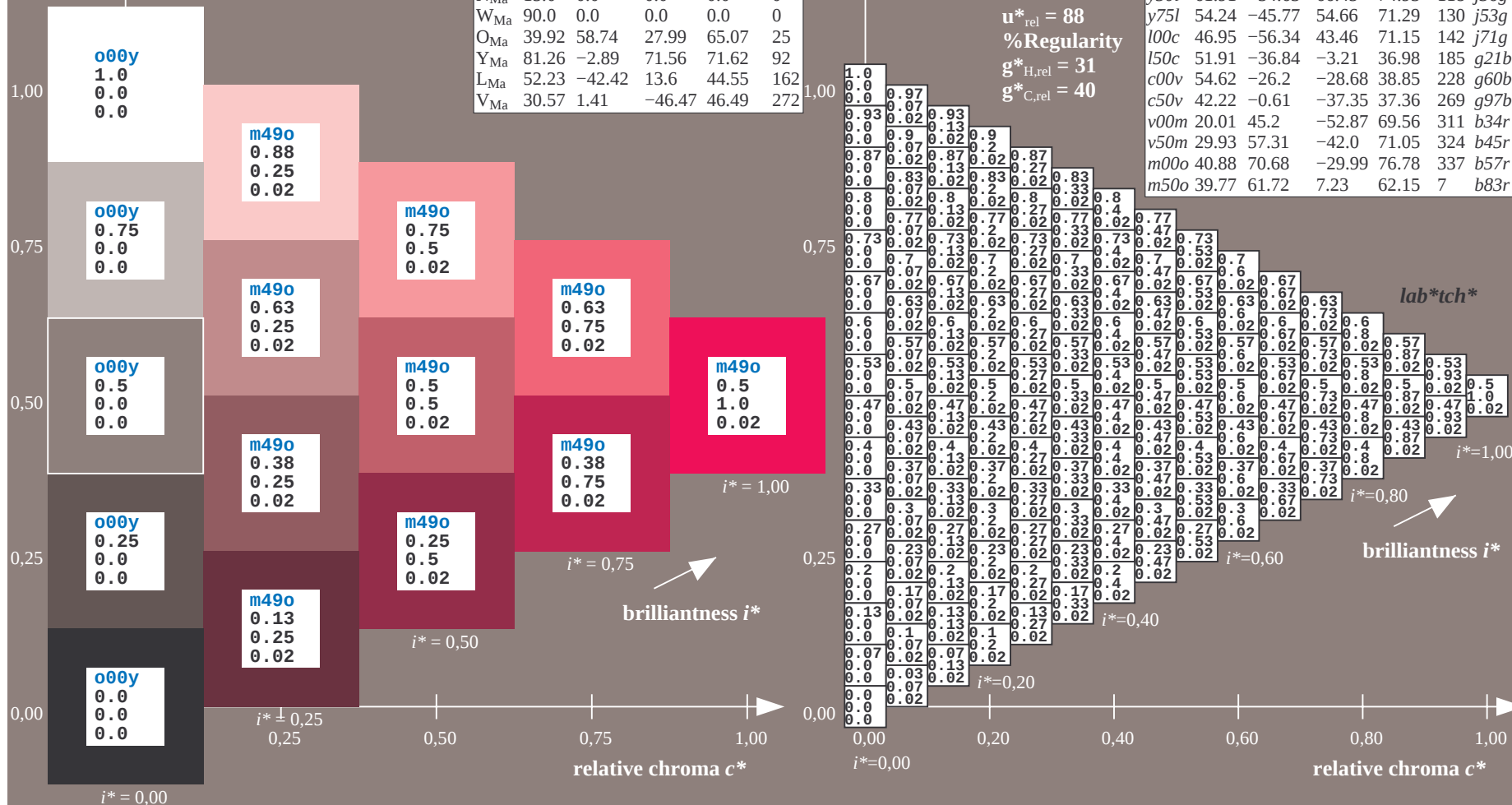
$u^*_{rel} = 88$

% Regularity

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

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

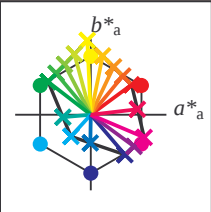
FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



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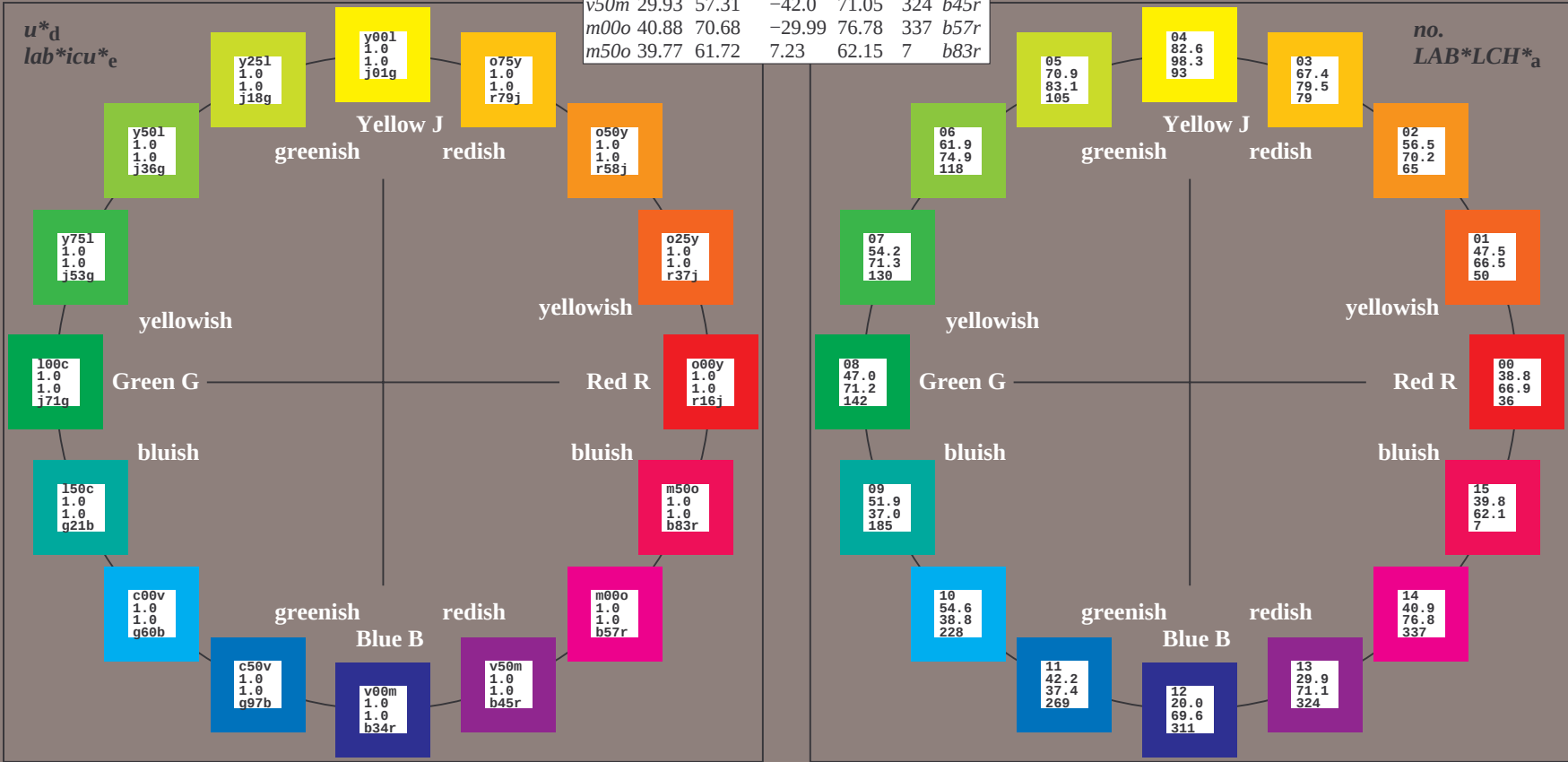
Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
 u^*_d and number $no.$ = 00 .. 15
device hue text:
 $u^*_d = 16$ hues $o00y, o25y, \dots, m50o$
contrast reduction factor:
 $c_R = 0.9$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

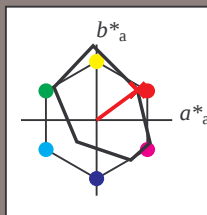
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 54 40

$LAB^*LCH^*_{Ma}$: 39 67 36

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

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

triangle lightness t^*

% Gamut

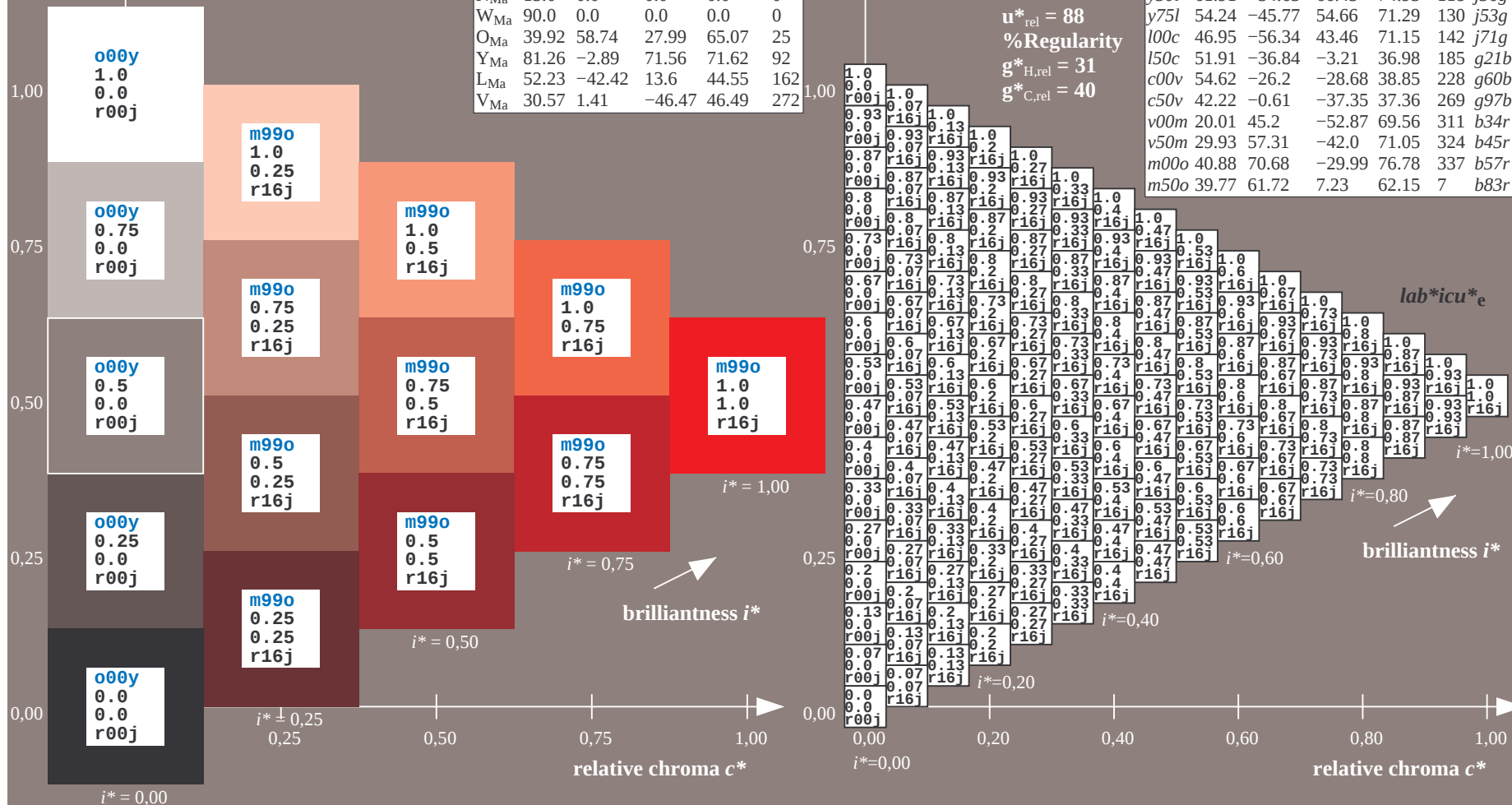
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>	
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>	
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>	
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>	
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>	
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>	
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>	
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>	
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>	
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>	
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>	
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>	
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>	
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>	
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>	
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

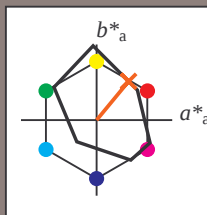
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 42 51

$LAB^*LCH^*_{Ma}$: 47 66 50

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

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

triangle lightness t^*

% Gamut

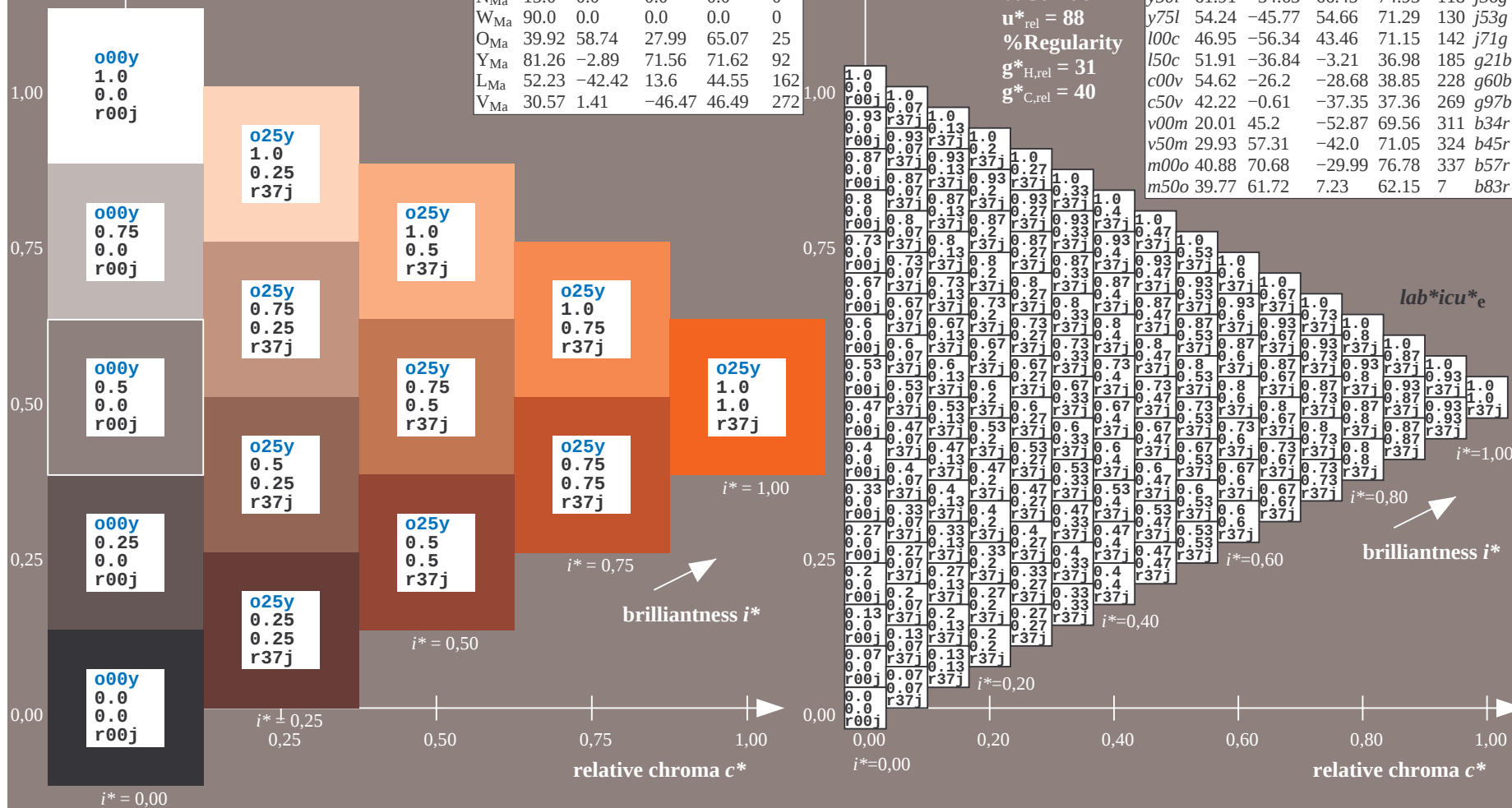
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

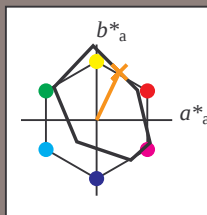
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 57 30 63

$LAB^*LCH^*_{Ma}$: 57 70 64

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

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

triangle lightness t^*

% Gamut

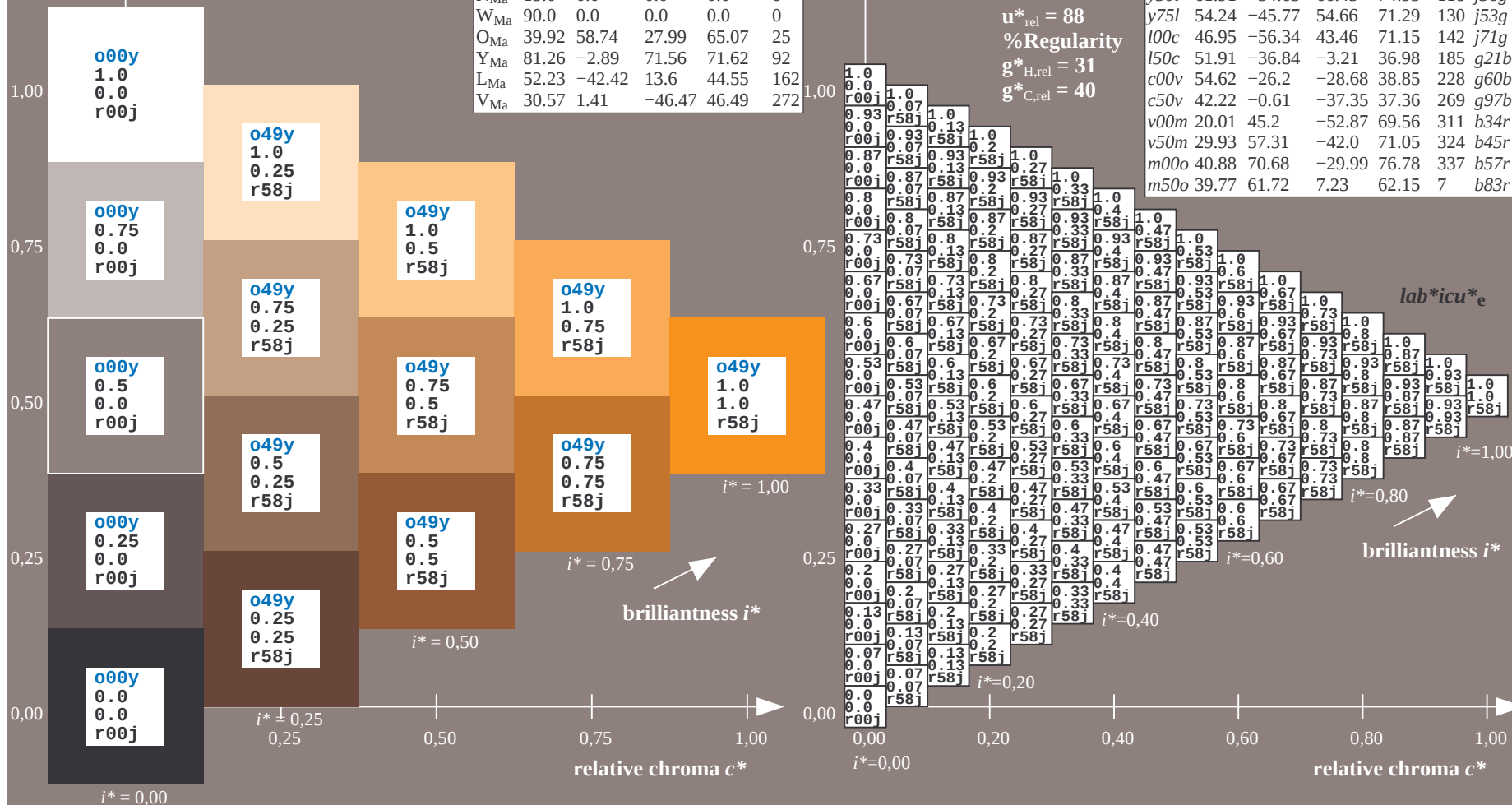
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

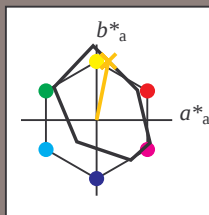
Hue texts:

$u^*_d = 0.75y$ $u^*_e = r.79j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 16 78

$LAB^*LCH^*_{Ma}$: 67 79 78

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

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

triangle lightness t^*

% Gamut

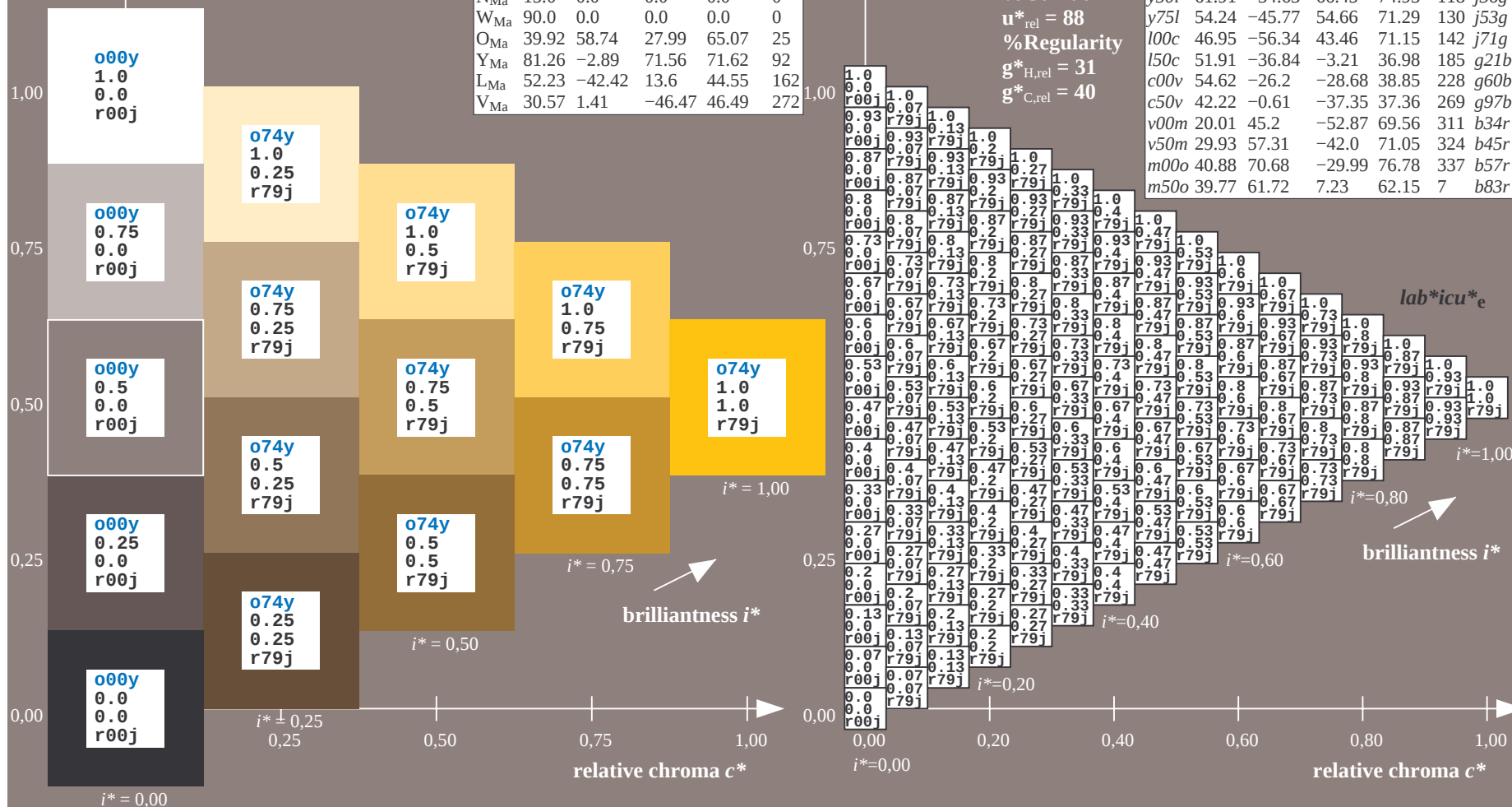
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$
data for any colour:

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

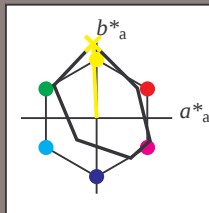
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -5 98

$LAB^*LCH^*_{Ma}$: 83 98 92

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

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

triangle lightness t^*

% Gamut

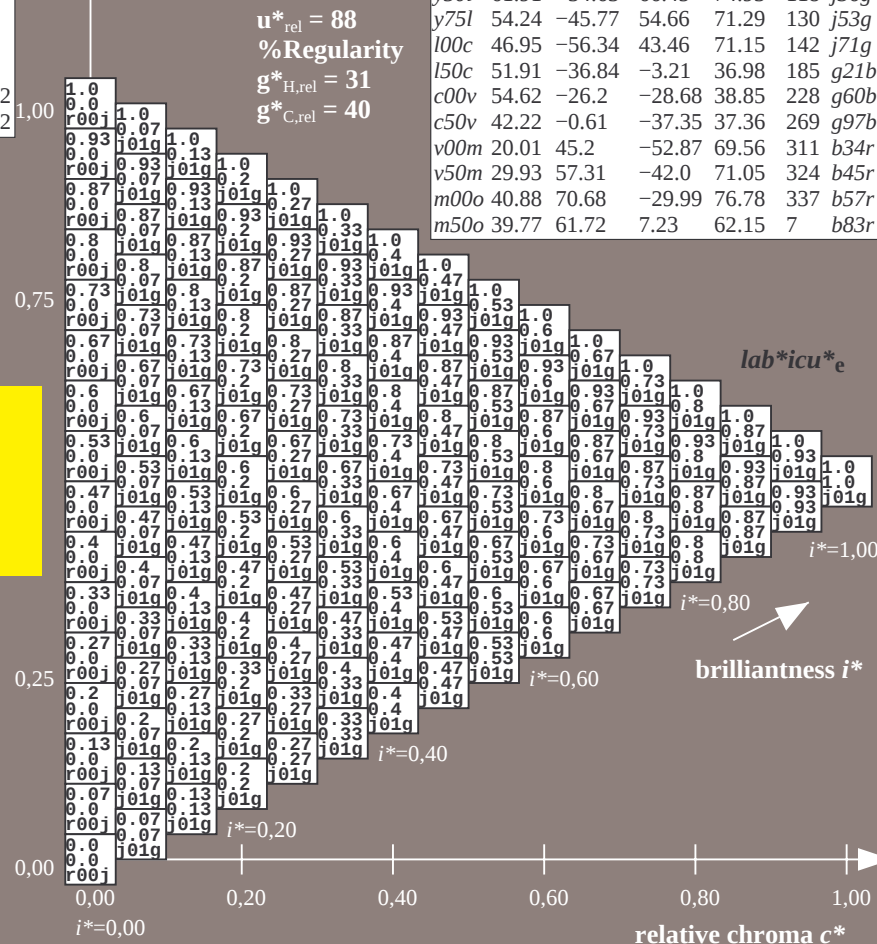
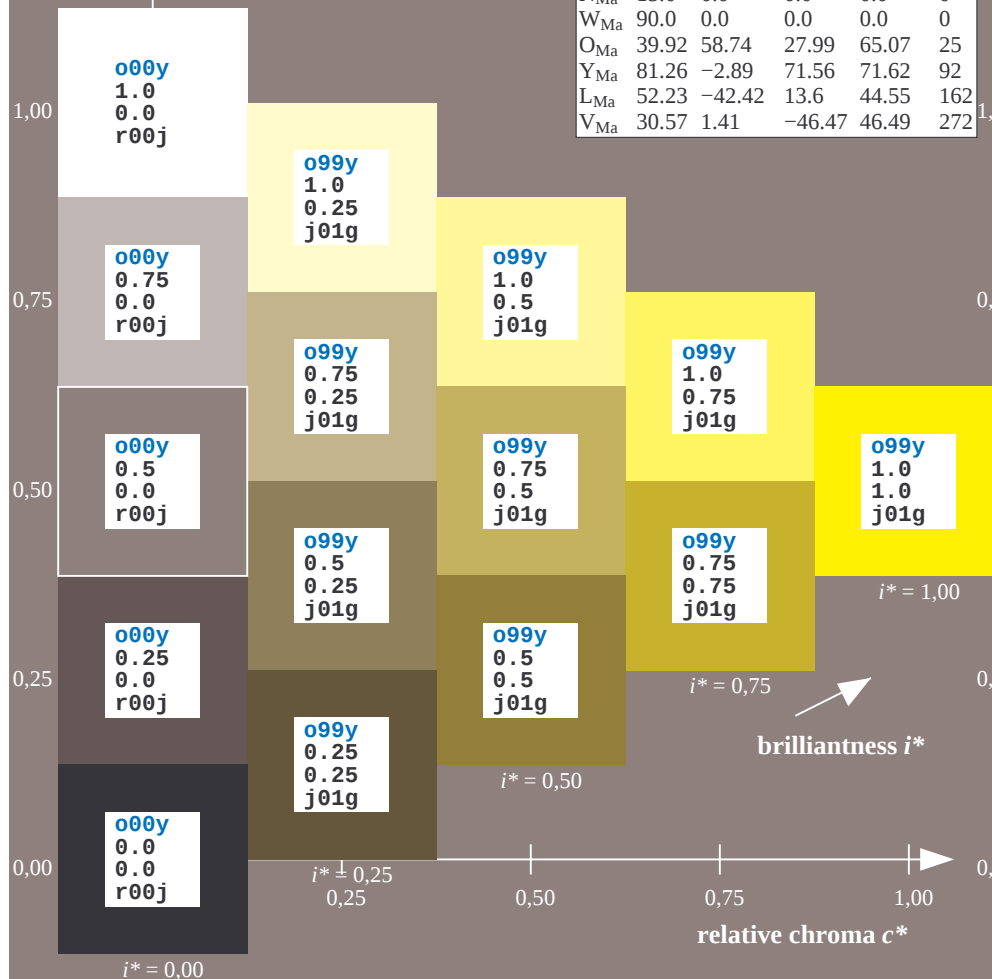
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

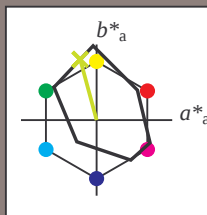
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -22 80

$LAB^*LCH^*_{Ma}$: 71 83 105

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

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

triangle lightness t^*

% Gamut

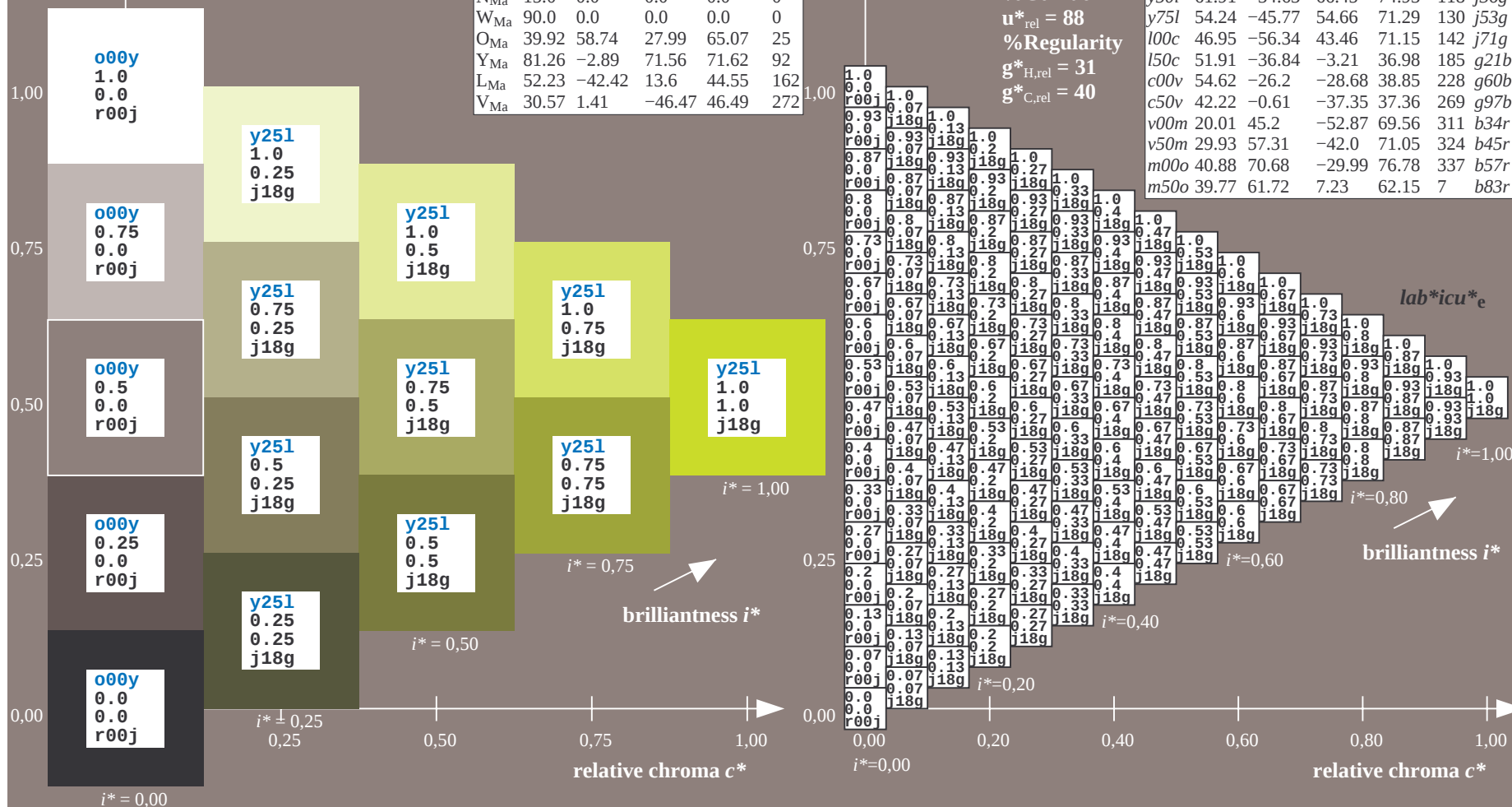
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$
 data for any colour:

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

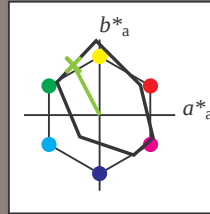
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -35 66

$LAB^*LCH^*_{Ma}$: 62 75 117

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

lab^*icu^*

$i^*=1,00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

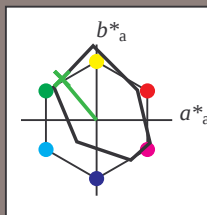
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -46 55

$LAB^*LCH^*_{Ma}$: 54 71 129

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

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

triangle lightness t^*

% Gamut

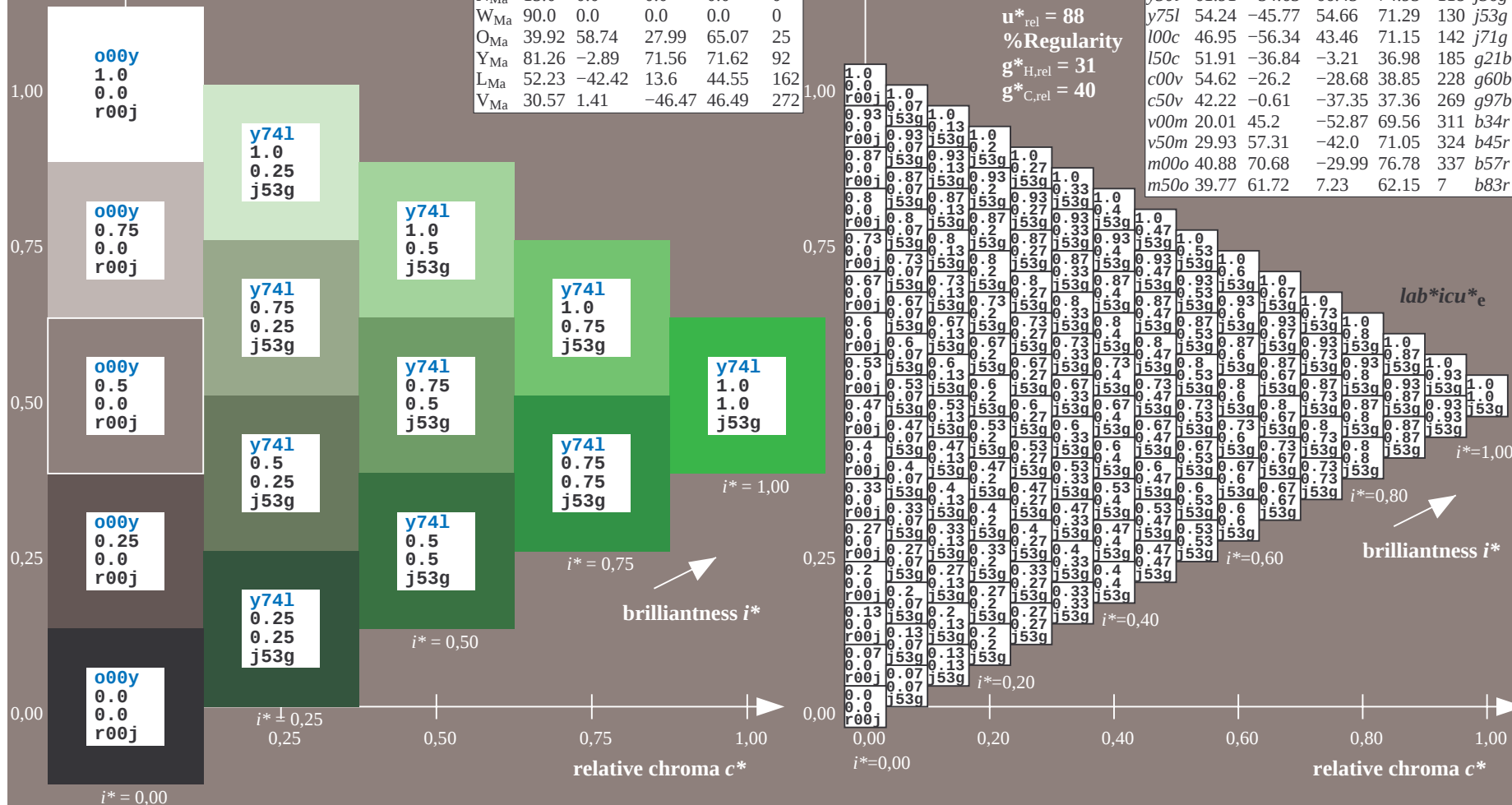
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

data for any colour:

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

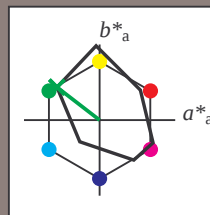
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -56 43

$LAB^*LCH^*_{Ma}$: 47 71 142

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

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

triangle lightness t^*

% Gamut

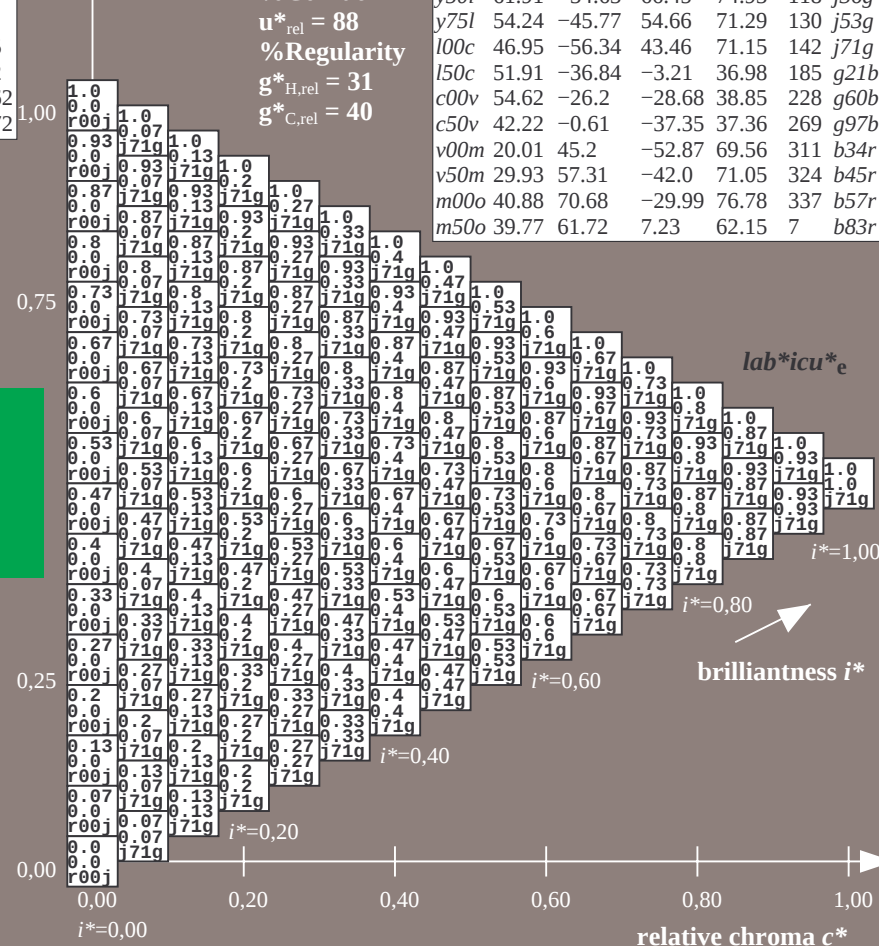
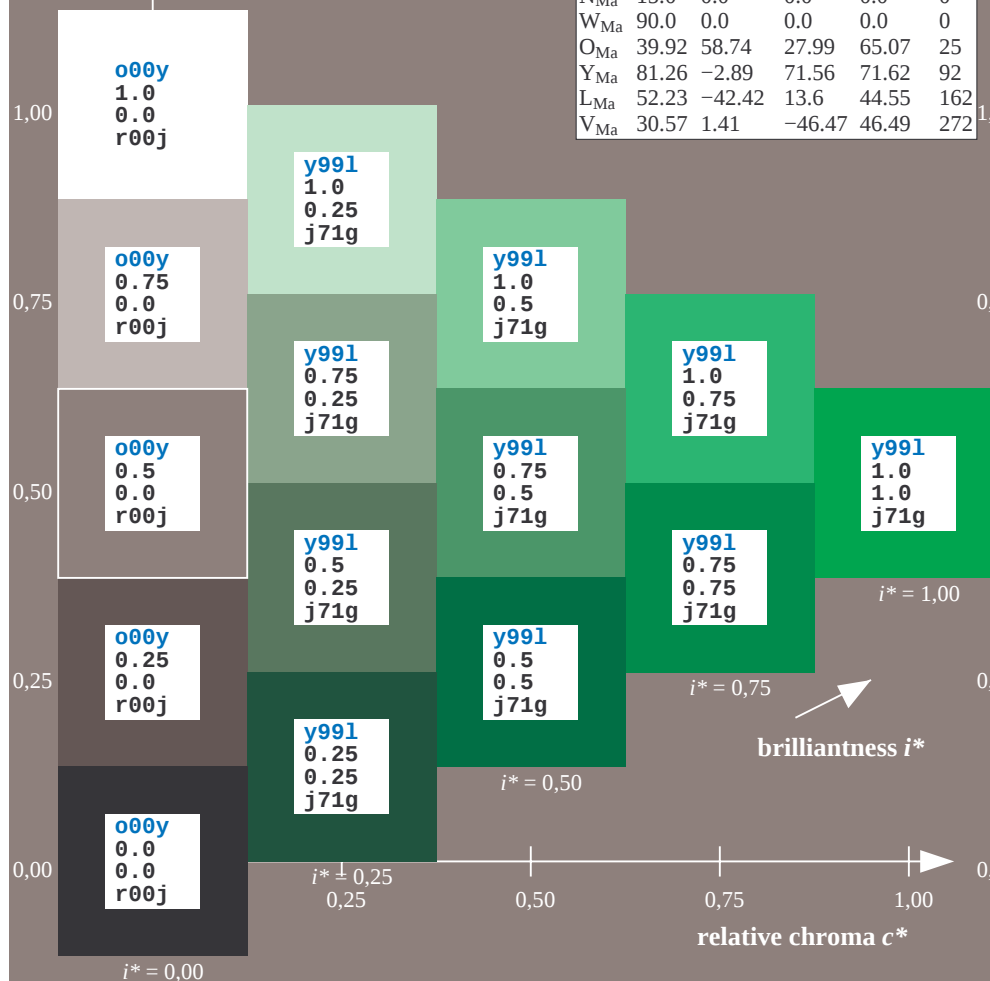
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

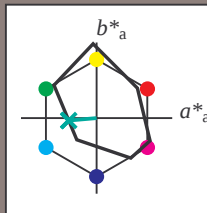
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -37 -3

$LAB^*LCH^*_{Ma}$: 52 37 184

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

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

triangle lightness t^*

% Gamut

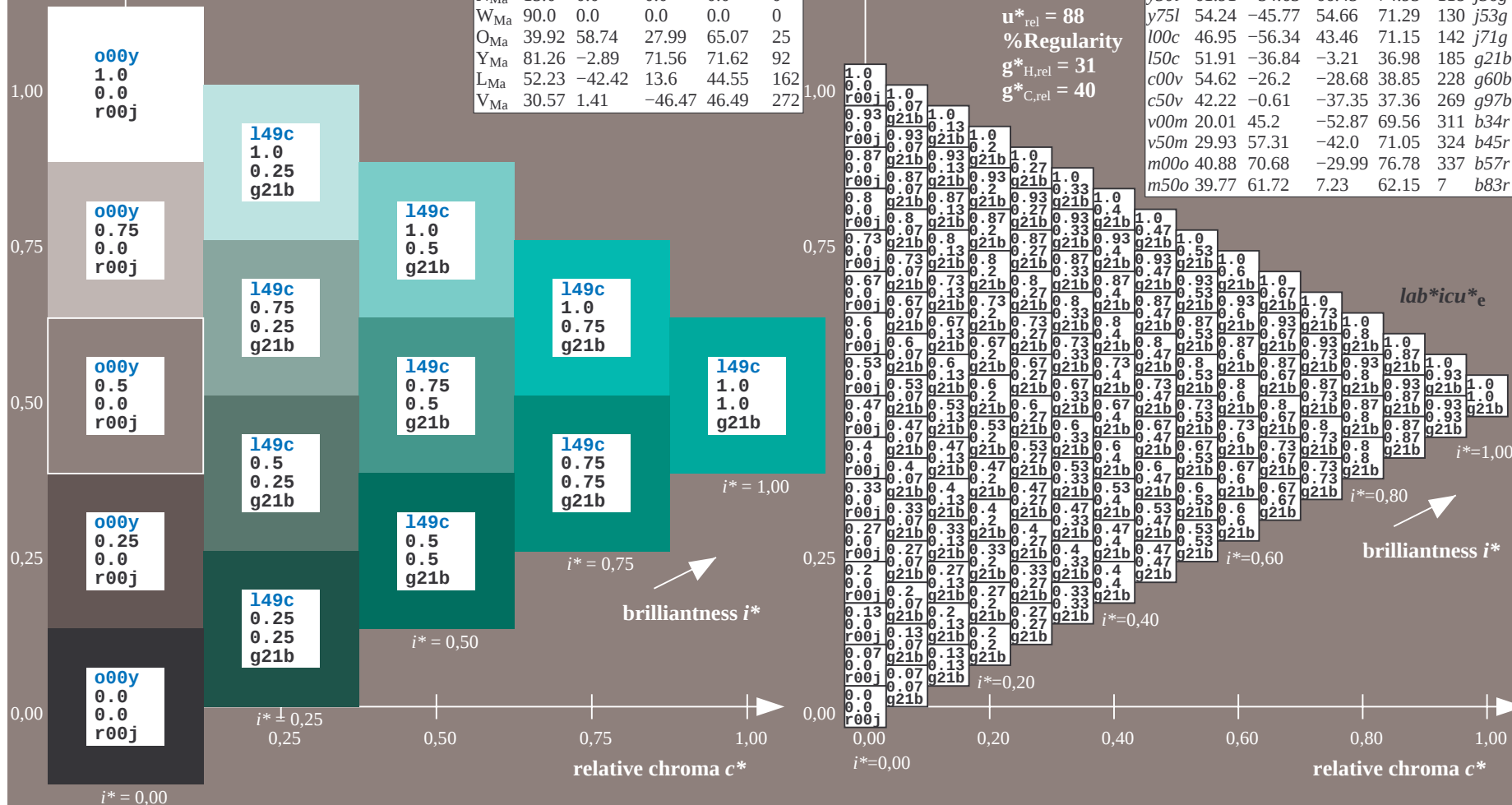
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

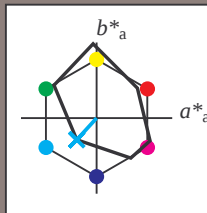
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -26 -29

$LAB^*LCH^*_{Ma}$: 55 39 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.81 1.0

triangle lightness t^*

% Gamut

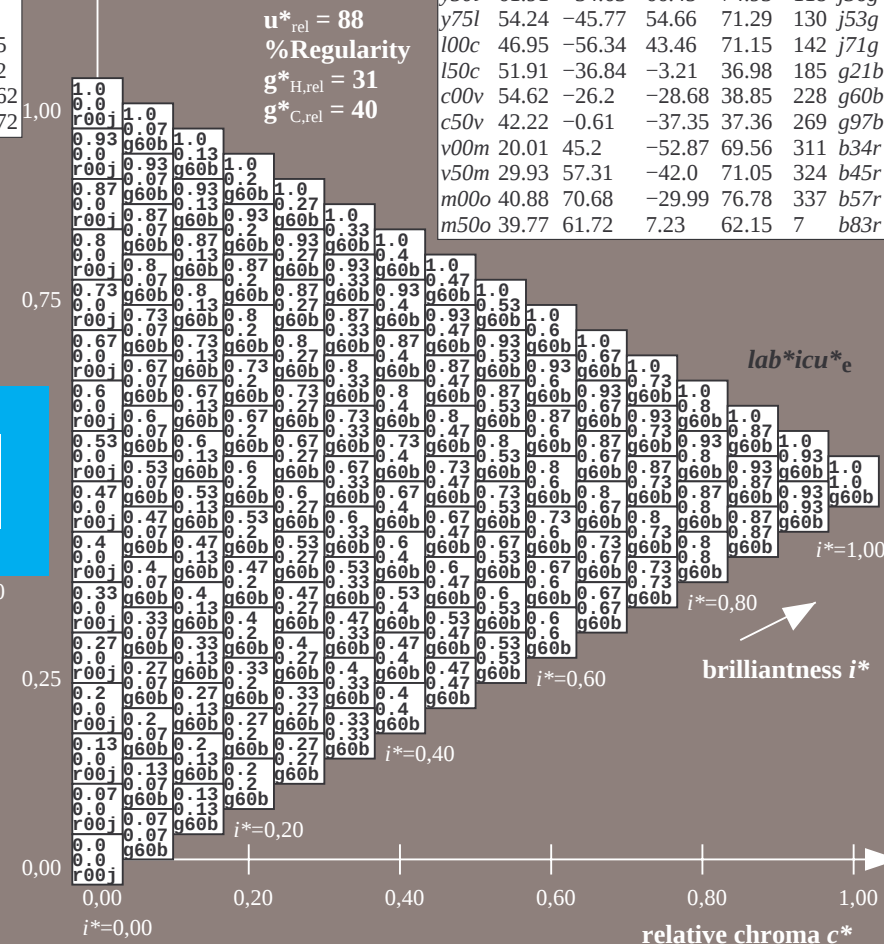
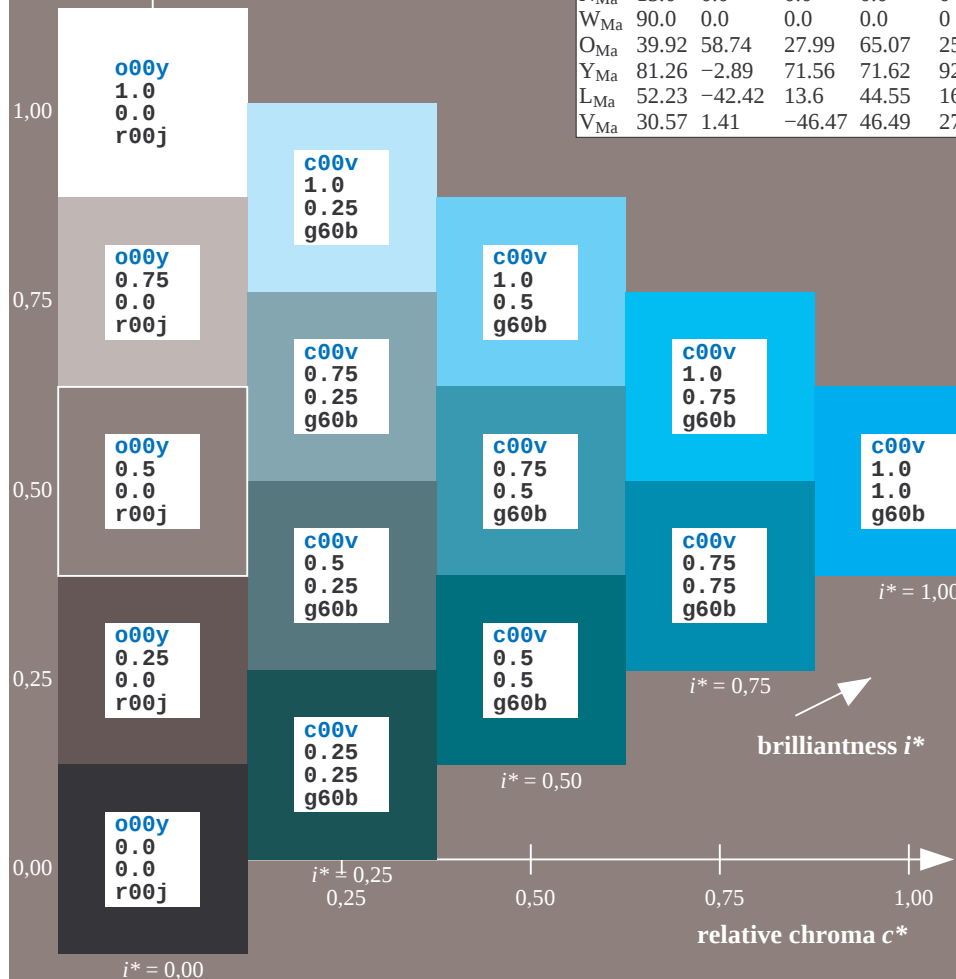
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

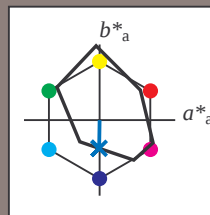
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	38.8	53.92	39.68	66.95	36
Y _{Ma}	82.58	-4.64	98.22	98.33	93
L _{Ma}	46.95	-56.34	43.46	71.15	142
C _{Ma}	54.62	-26.2	-28.68	38.85	228
V _{Ma}	20.01	45.2	-52.87	69.56	311
M _{Ma}	40.88	70.68	-29.99	76.78	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 -1 -37

$LAB^*LCH^*_{Ma}$: 42 37 269

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

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

triangle lightness t^*

% Gamut

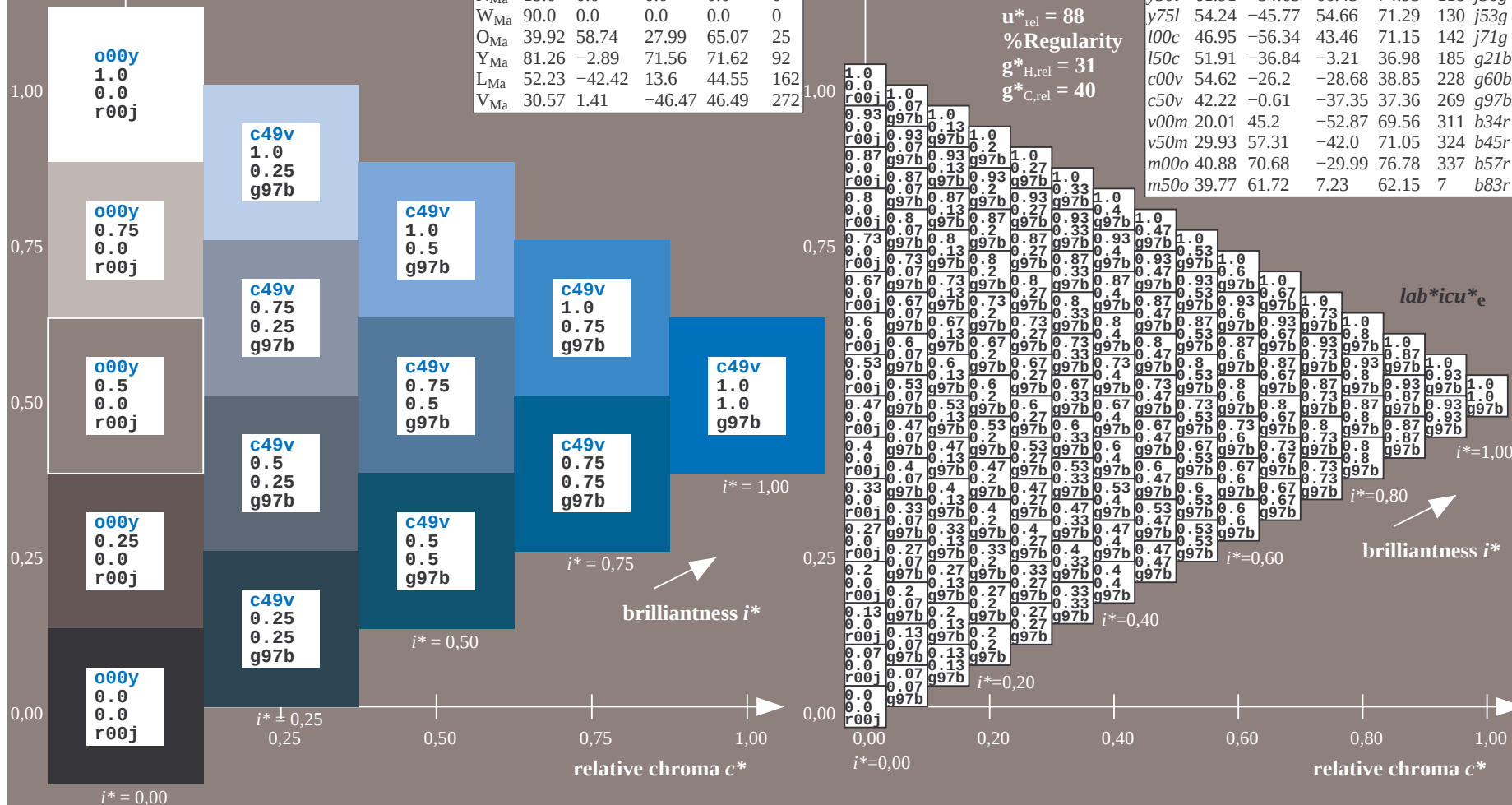
$u^*_{rel} = 88$

% Regularity

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

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

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

data for any colour:

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

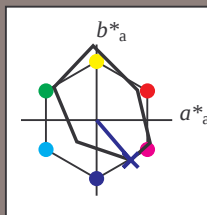
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 20 45 -53

$LAB^*LCH^*_{Ma}$: 20 70 310

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

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

triangle lightness t^*

% Gamut

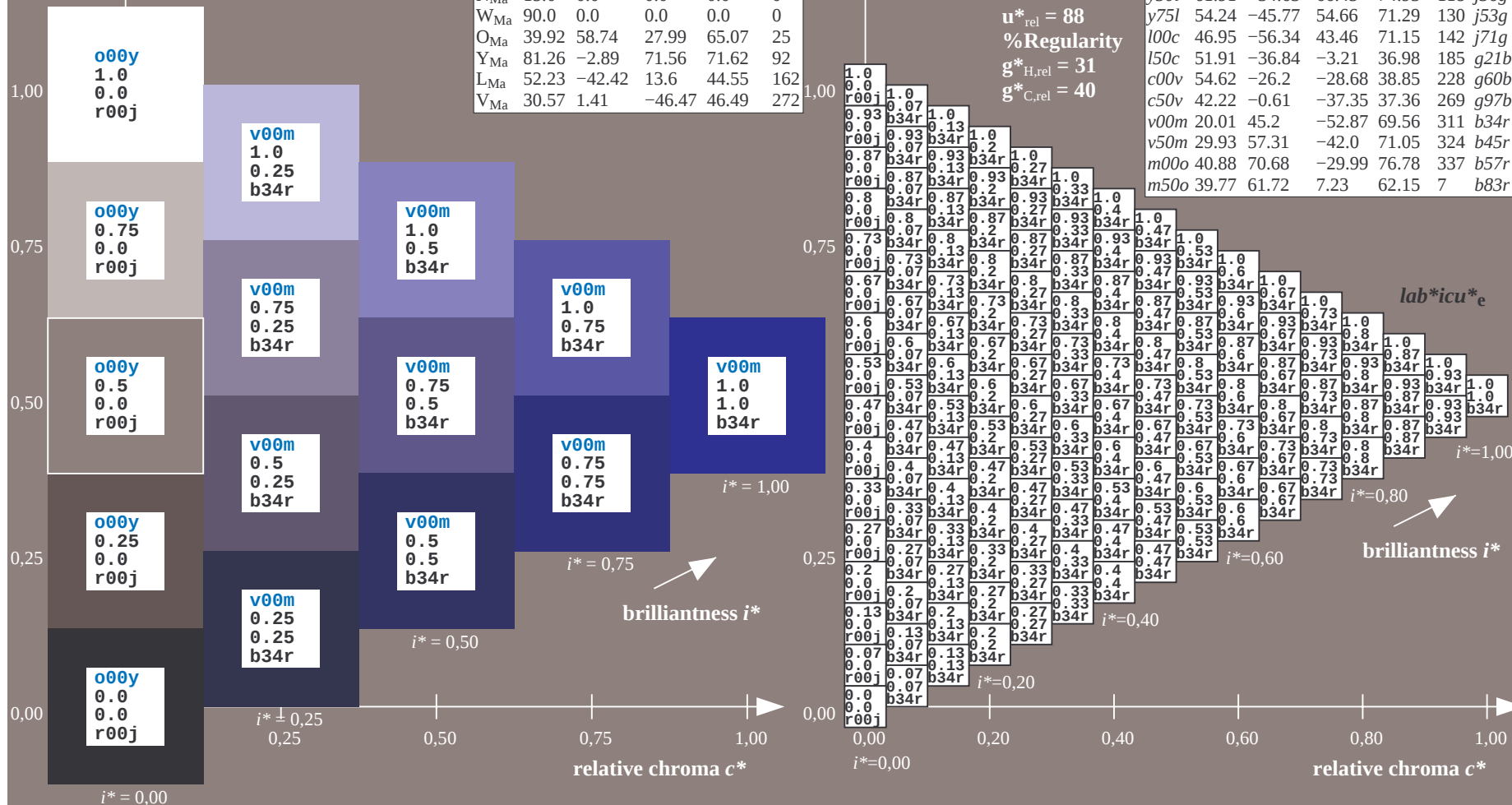
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

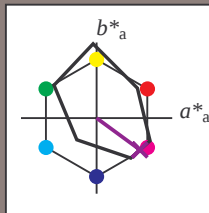
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 57 -42

$LAB^*LCH^*_{Ma}$: 30 71 323

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

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

triangle lightness t^*

% Gamut

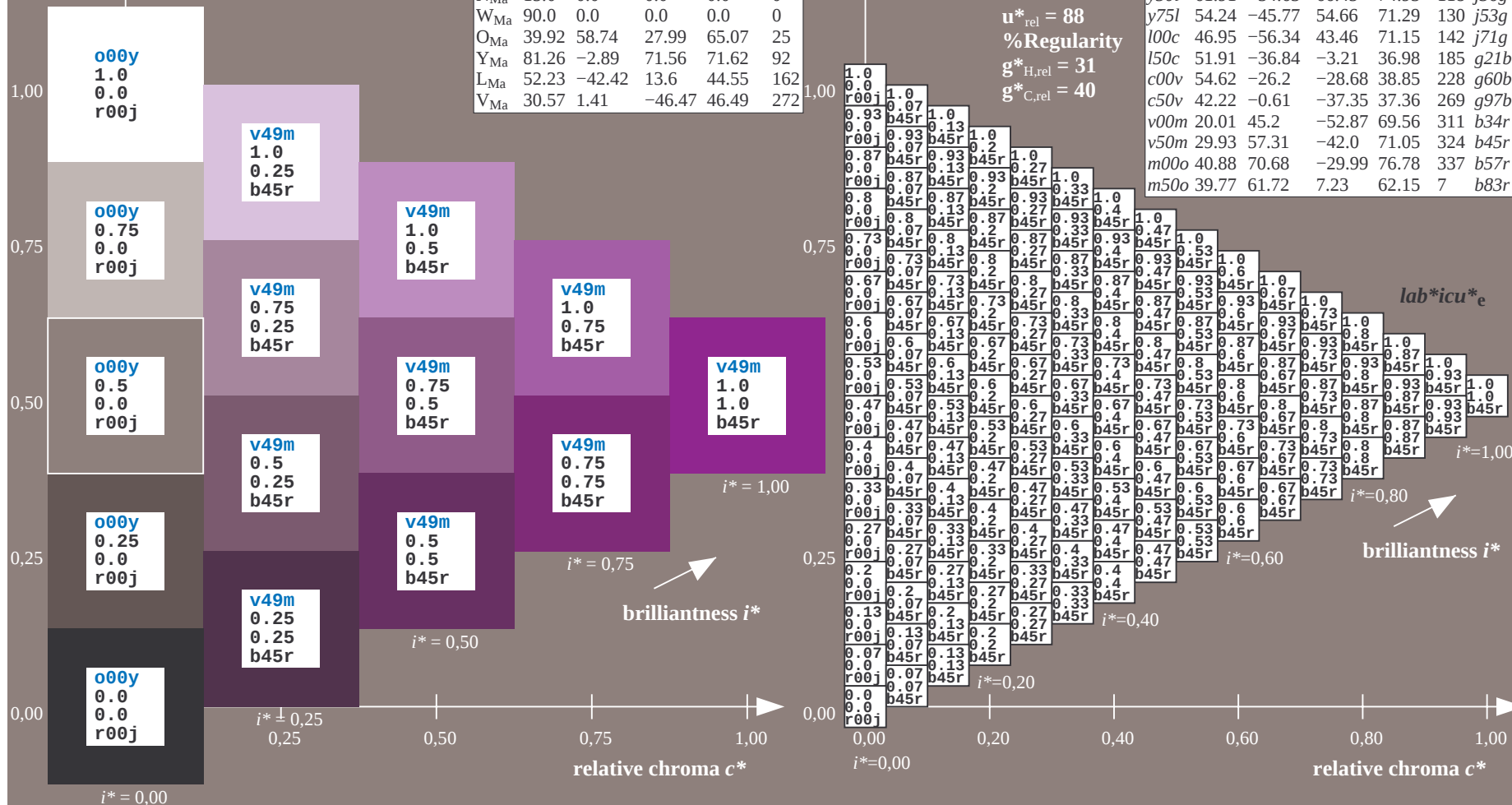
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

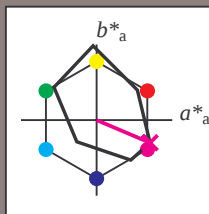
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 71 -30

$LAB^*LCH^*_{Ma}$: 41 77 337

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

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

triangle lightness t^*

% Gamut

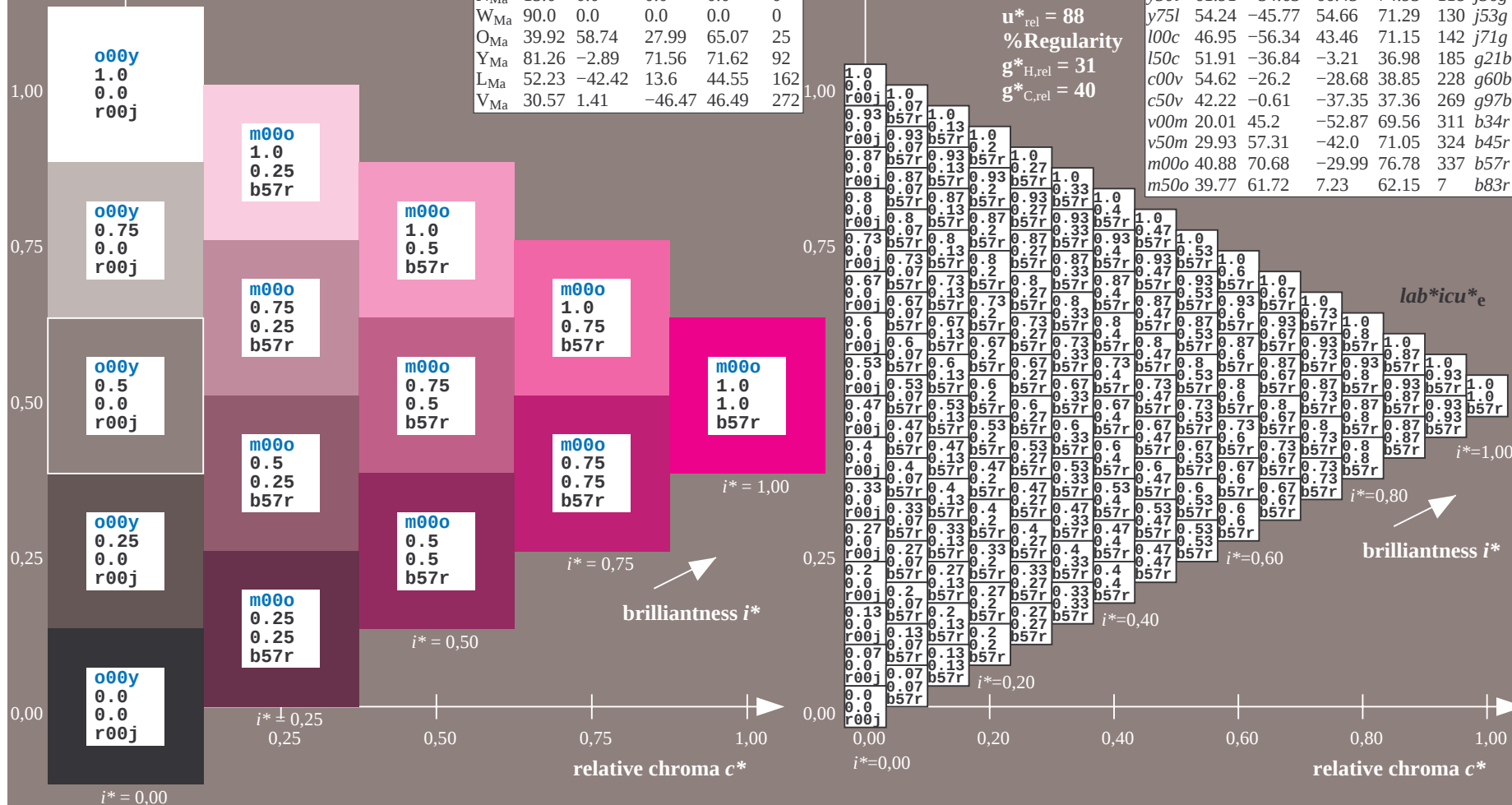
$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:

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

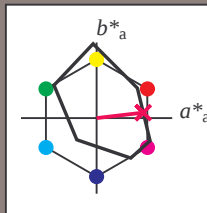
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	38.8	53.92	39.68	66.95	36	
Y _{Ma}	82.58	-4.64	98.22	98.33	93	
L _{Ma}	46.95	-56.34	43.46	71.15	142	
C _{Ma}	54.62	-26.2	-28.68	38.85	228	
V _{Ma}	20.01	45.2	-52.87	69.56	311	
M _{Ma}	40.88	70.68	-29.99	76.78	337	
N _{Ma}	15.0	0.0	0.0	0.0	0	
W _{Ma}	90.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 40 62 7

$LAB^*LCH^*_{Ma}$: 40 62 6

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = m50o$

$lab^*icu^*_e$

$lab^*icu^*_e$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

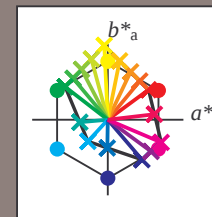
relative chroma c^*

$i^* = 0.00$

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Input and output:
 Colorimetric Printer Reflective System FRS09_92a
 data for any colour:
 u^*_d and number *no.* = 00 .. 15
 device hue text:
 $u^*_d = 16$ hues *o00y*, *o25y*, ..., *m50o*
 contrast reduction factor:
 $c_R = 0.9$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



%Gamut

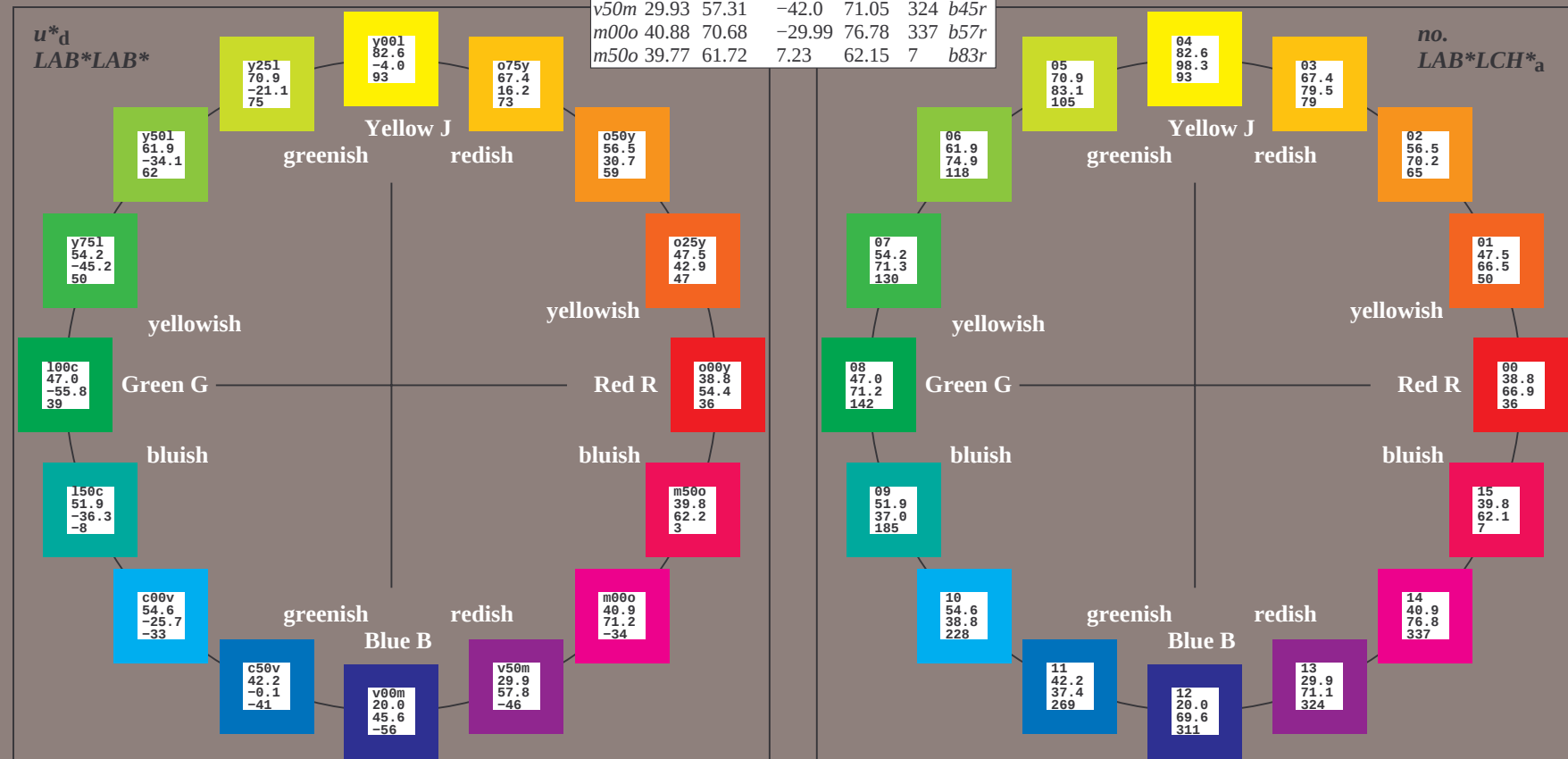
$u^*_{rel} = 88$

%Regularity

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

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

FRS09_92; CIELAB data					
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	38.8	54.41	35.65	65.05	33
Y _M	82.58	-4.04	92.72	92.8	92
L _M	46.95	-55.83	39.15	68.19	145
C _M	54.62	-25.67	-33.25	42.01	232
V _M	20.01	45.64	-56.27	72.45	309
M _M	40.88	71.17	-34.09	78.92	334
N _M	15.0	0.43	-3.23	3.26	278
W _M	90.0	0.62	-5.76	5.79	276
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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

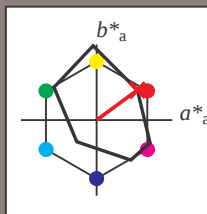
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O _M	38.8	54.41	35.65	65.05	33	
Y _M	82.58	-4.04	92.72	92.8	92	
L _M	46.95	-55.83	39.15	68.19	145	
C _M	54.62	-25.67	-33.25	42.01	232	
V _M	20.01	45.64	-56.27	72.45	309	
M _M	40.88	71.17	-34.09	78.92	334	
N _M	15.0	0.43	-3.23	3.26	278	
W _M	90.0	0.62	-5.76	5.79	276	
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 54 40

$LAB^*LCH^*_{Ma}$: 39 67 36

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

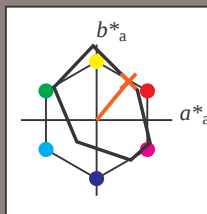
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33	
Y_M	82.58	-4.04	92.72	92.8	92	
L_M	46.95	-55.83	39.15	68.19	145	
C_M	54.62	-25.67	-33.25	42.01	232	
V_M	20.01	45.64	-56.27	72.45	309	
M_M	40.88	71.17	-34.09	78.92	334	
N_M	15.0	0.43	-3.23	3.26	278	
W_M	90.0	0.62	-5.76	5.79	276	
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 42 51

$LAB^*LCH^*_{Ma}$: 47 66 50

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

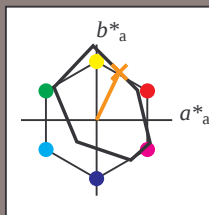
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O _M	38.8	54.41	35.65	65.05	33	
Y _M	82.58	-4.04	92.72	92.8	92	
L _M	46.95	-55.83	39.15	68.19	145	
C _M	54.62	-25.67	-33.25	42.01	232	
V _M	20.01	45.64	-56.27	72.45	309	
M _M	40.88	71.17	-34.09	78.92	334	
N _M	15.0	0.43	-3.23	3.26	278	
W _M	90.0	0.62	-5.76	5.79	276	
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):

$LAB^*LAB^*_{Ma}$: 57 30 63

$LAB^*LCH^*_{Ma}$: 57 70 64

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

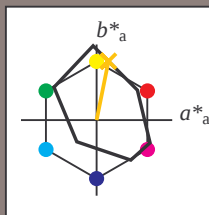
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O_M	38.8	54.41	35.65	65.05	33	
Y_M	82.58	-4.04	92.72	92.8	92	
L_M	46.95	-55.83	39.15	68.19	145	
C_M	54.62	-25.67	-33.25	42.01	232	
V_M	20.01	45.64	-56.27	72.45	309	
M_M	40.88	71.17	-34.09	78.92	334	
N_M	15.0	0.43	-3.23	3.26	278	
W_M	90.0	0.62	-5.76	5.79	276	
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):

$LAB^*LAB^*_Ma$: 67 16 78

$LAB^*LCH^*_Ma$: 67 79 78

$lab^*olv^*_Ma$: 1.0 0.75 0.0

$lab^*rgb^*_Ma$: 1.0 0.8 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

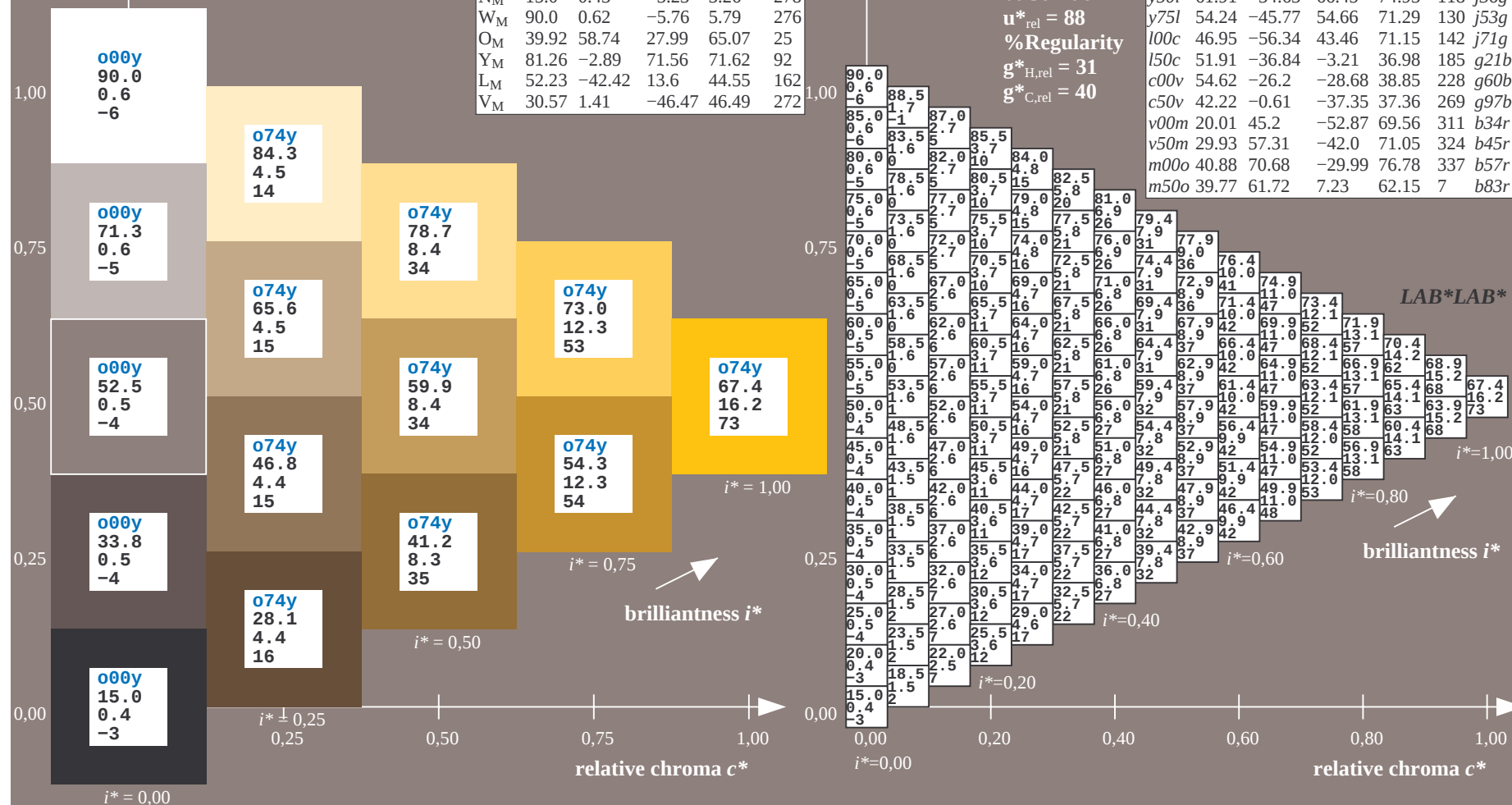
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*LAB^*

$i^* = 1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

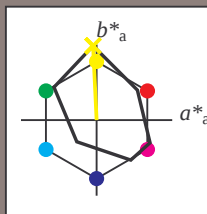
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}: 83 \ -5 \ 98$

$LAB^*LCH^*_{Ma}: 83 \ 98 \ 92$

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

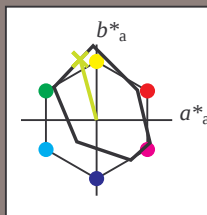
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33	
Y_M	82.58	-4.04	92.72	92.8	92	
L_M	46.95	-55.83	39.15	68.19	145	
C_M	54.62	-25.67	-33.25	42.01	232	
V_M	20.01	45.64	-56.27	72.45	309	
M_M	40.88	71.17	-34.09	78.92	334	
N_M	15.0	0.43	-3.23	3.26	278	
W_M	90.0	0.62	-5.76	5.79	276	
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):

$LAB^*LAB^*_Ma: 71 -22 80$

$LAB^*LCH^*_Ma: 71 83 105$

$lab^*olv^*_Ma: 0.75 1.0 0.0$

$lab^*rgb^*_Ma: 0.82 1.0 0.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.326$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

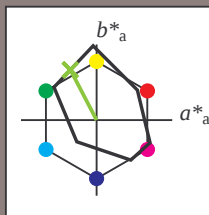
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33	
Y_M	82.58	-4.04	92.72	92.8	92	
L_M	46.95	-55.83	39.15	68.19	145	
C_M	54.62	-25.67	-33.25	42.01	232	
V_M	20.01	45.64	-56.27	72.45	309	
M_M	40.88	71.17	-34.09	78.92	334	
N_M	15.0	0.43	-3.23	3.26	278	
W_M	90.0	0.62	-5.76	5.79	276	
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):

$LAB \cdot LAB^*_{Ma}$: 62 -35 66

$LAB \cdot LCH^*_{Ma}$: 62 75 117

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	

$LAB \cdot LAB^*$

$i^*=1,00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

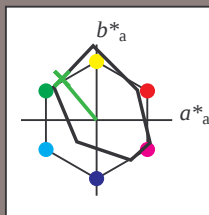
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 54 -46 55

$LAB^*LCH^*_{Ma}$: 54 71 129

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.395$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

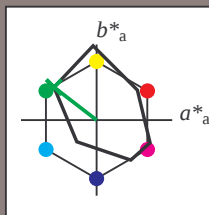
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33	
Y_M	82.58	-4.04	92.72	92.8	92	
L_M	46.95	-55.83	39.15	68.19	145	
C_M	54.62	-25.67	-33.25	42.01	232	
V_M	20.01	45.64	-56.27	72.45	309	
M_M	40.88	71.17	-34.09	78.92	334	
N_M	15.0	0.43	-3.23	3.26	278	
W_M	90.0	0.62	-5.76	5.79	276	
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):

$LAB \cdot LAB^*_{Ma}$: 47 -56 43

$LAB \cdot LCH^*_{Ma}$: 47 71 142

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	

$LAB \cdot LAB^*$

$i^*=1,00$

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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.514$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

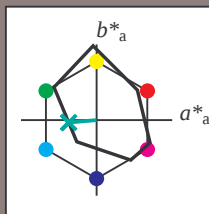
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB \cdot LAB^*_{Ma}: 52 -37 -3$

$LAB \cdot LCH^*_{Ma}: 52 37 184$

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$LAB \cdot LAB^*$

$i^*=1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

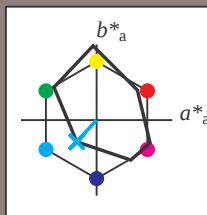
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33	
Y_M	82.58	-4.04	92.72	92.8	92	
L_M	46.95	-55.83	39.15	68.19	145	
C_M	54.62	-25.67	-33.25	42.01	232	
V_M	20.01	45.64	-56.27	72.45	309	
M_M	40.88	71.17	-34.09	78.92	334	
N_M	15.0	0.43	-3.23	3.26	278	
W_M	90.0	0.62	-5.76	5.79	276	
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):

$LAB^*LAB^*_Ma: 55 -26 -29$

$LAB^*LCH^*_Ma: 55 39 227$

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

$lab^*rgb^*_Ma: 0.0 0.81 1.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

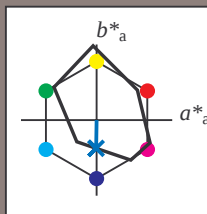
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33	
Y_M	82.58	-4.04	92.72	92.8	92	
L_M	46.95	-55.83	39.15	68.19	145	
C_M	54.62	-25.67	-33.25	42.01	232	
V_M	20.01	45.64	-56.27	72.45	309	
M_M	40.88	71.17	-34.09	78.92	334	
N_M	15.0	0.43	-3.23	3.26	278	
W_M	90.0	0.62	-5.76	5.79	276	
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):

$LAB^*LAB^*_Ma: 42 -1 -37$

$LAB^*LCH^*_Ma: 42 37 269$

$lab^*olv^*_Ma: 0.0 0.5 1.0$

$lab^*rgb^*_Ma: 0.0 0.05 1.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.863$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

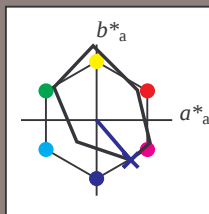
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O_M	38.8	54.41	35.65	65.05	33	
Y_M	82.58	-4.04	92.72	92.8	92	
L_M	46.95	-55.83	39.15	68.19	145	
C_M	54.62	-25.67	-33.25	42.01	232	
V_M	20.01	45.64	-56.27	72.45	309	
M_M	40.88	71.17	-34.09	78.92	334	
N_M	15.0	0.43	-3.23	3.26	278	
W_M	90.0	0.62	-5.76	5.79	276	
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):

$LAB \cdot LAB^*_{Ma}$: 20 45 -53

$LAB \cdot LCH^*_{Ma}$: 20 70 310

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$LAB \cdot LAB^*$

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

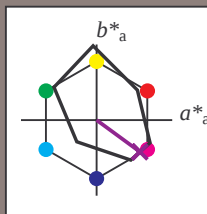
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 30 57 -42

$LAB^*LCH^*_{Ma}$: 30 71 323

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$u^*_d = v50m$

LAB^*LAB^*

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

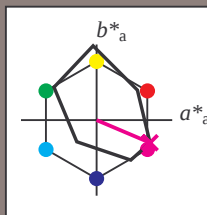
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33	
Y_M	82.58	-4.04	92.72	92.8	92	
L_M	46.95	-55.83	39.15	68.19	145	
C_M	54.62	-25.67	-33.25	42.01	232	
V_M	20.01	45.64	-56.27	72.45	309	
M_M	40.88	71.17	-34.09	78.92	334	
N_M	15.0	0.43	-3.23	3.26	278	
W_M	90.0	0.62	-5.76	5.79	276	
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):

$LAB^*LAB^*_Ma$: 41 71 -30

$LAB^*LCH^*_Ma$: 41 77 337

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

$lab^*rgb^*_Ma$: 1.0 0.0 0.85

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:

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

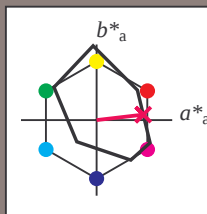
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}: 40 \ 62 \ 7$

$LAB^*LCH^*_{Ma}: 40 \ 62 \ 6$

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	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^*

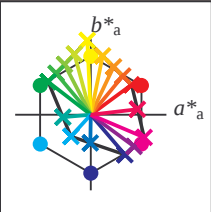
relative chroma c^*

$i^* = 0.00$

	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	15.0	19.0	23.0	27.0	31.0	35.0	39.0	43.0	47.0	51.0	55.0	59.0	63.0	67.0	71.0	75.0	79.0	83.0	87.0	91.0	95.0	99.0	103.0	107.0	111.0	115.0	119.0	123.0	127.0	131.0	135.0	139.0	143.0	147.0	151.0	155.0	159.0	163.0	167.0	171.0	175.0	179.0	183.0	187.0	191.0	195.0	199.0	203.0	207.0	211.0	215.0	219.0	223.0	227.0	231.0	235.0	239.0	243.0	247.0	251.0	255.0	259.0	263.0	267.0	271.0	275.0	279.0	283.0	287.0	291.0	295.0	299.0	303.0	307.0	311.0	315.0	319.0	323.0	327.0	331.0	335.0	339.0	343.0	347.0	351.0	355.0	359.0	363.0	367.0	371.0	375.0	379.0	383.0	387.0	391.0	395.0	399.0	403.0	407.0	411.0	415.0	419.0	423.0	427.0	431.0	435.0	439.0	443.0	447.0	451.0	455.0	459.0	463.0	467.0	471.0	475.0	479.0	483.0	487.0	491.0	495.0	499.0	503.0	507.0	511.0	515.0	519.0	523.0	527.0	531.0	535.0	539.0	543.0	547.0	551.0	555.0	559.0	563.0	567.0	571.0	575.0	579.0	583.0	587.0	591.0	595.0	599.0	603.0	607.0	611.0	615.0	619.0	623.0	627.0	631.0	635.0	639.0	643.0	647.0	651.0	655.0	659.0	663.0	667.0	671.0	675.0	679.0	683.0	687.0	691.0	695.0	699.0	703.0	707.0	711.0	715.0	719.0	723.0	727.0	731.0	735.0	739.0	743.0	747.0	751.0	755.0	759.0	763.0	767.0	771.0	775.0	779.0	783.0	787.0	791.0	795.0	799.0	803.0	807.0	811.0	815.0	819.0	823.0	827.0	831.0	835.0	839.0	843.0	847.0	851.0	855.0	859.0	863.0	867.0	871.0	875.0	879.0	883.0	887.0	891.0	895.0	899.0	903.0	907.0	911.0	915.0	919.0	923.0	927.0	931.0	935.0	939.0	943.0	947.0	951.0	955.0	959.0	963.0	967.0	971.0	975.0	979.0	983.0	987.0	991.0	995.0	999.0	1003.0	1007.0	1011.0	1015.0	1019.0	1023.0	1027.0	1031.0	1035.0	1039.0	1043.0	1047.0	1051.0	1055.0	1059.0	1063.0	1067.0	1071.0	1075.0	1079.0	1083.0	1087.0	1091.0	1095.0	1099.0	1103.0	1107.0	1111.0	1115.0	1119.0	1123.0	1127.0	1131.0	1135.0	1139.0	1143.0	1147.0	1151.0	1155.0	1159.0	1163.0	1167.0	1171.0	1175.0	1179.0	1183.0	1187.0	1191.0	1195.0	1199.0	1203.0	1207.0	1211.0	1215.0	1219.0	1223.0	1227.0	1231.0	1235.0	1239.0	1243.0	1247.0	1251.0	1255.0	1259.0	1263.0	1267.0	1271.0	1275.0	1279.0	1283.0	1287.0	1291.0	1295.0	1299.0	1303.0	1307.0	1311.0	1315.0	1319.0	1323.0	1327.0	1331.0	1335.0	1339.0	1343.0	1347.0	1351.0	1355.0	1359.0	1363.0	1367.0	1371.0	1375.0	1379.0	1383.0	1387.0	1391.0	1395.0	1399.0	1403.0	1407.0	1411.0	1415.0	1419.0	1423.0	1427.0	1431.0	1435.0	1439.0	1443.0	1447.0	1451.0	1455.0	1459.0	1463.0	1467.0	1471.0	1475.0	1479.0	1483.0	1487.0	1491.0	1495.0	1499.0	1503.0	1507.0	1511.0	1515.0	1519.0	1523.0	1527.0	1531.0	1535.0	1539.0	1543.0	1547.0	1551.0	1555.0	1559.0	1563.0	1567.0	1571.0	1575.0	1579.0	1583.0	1587.0	1591.0	1595.0	1599.0	1603.0	1607.0	1611.0	1615.0	1619.0	1623.0	1627.0	1631.0	1635.0	1639.0	1643.0	1647.0	1651.0	1655.0	1659.0	1663.0	1667.0	1671.0	1675.0	1679.0	1683.0	1687.0	1691.0	1695.0	1699.0	1703.0	1707.0	1711.0	1715.0	1719.0	1723.0	1727.0	1731.0	1735.0	1739.0	1743.0	1747.0	1751.0	1755.0	1759.0	1763.0	1767.0	1771.0	1775.0	1779.0	1783.0	1787.0	1791.0	1795.0	1799.0	1803.0	1807.0	1811.0	1815.0	1819.0	1823.0	1827.0	1831.0	1835.0	1839.0	1843.0	1847.0	1851.0	1855.0	1859.0	1863.0	1867.0	1871.0	1875.0	1879.0	1883.0	1887.0	1891.0	1895.0	1899.0	1903.0	1907.0	1911.0	1915.0	1919.0	1923.0	1927.0	1931.0	1935.0	1939.0	1943.0	1947.0	1951.0	1955.0	1959.0	1963.0	1967.0	1971.0	1975.0	1979.0	1983.0	1987.0	1991.0	1995.0	1999.0	2003.0	2007.0	2011.0	2015.0	2019.0	2023.0	2027.0	2031.0	2035.0	2039.0	2043.0	2047.0	2051.0	2055.0	2059.0	2063.0	2067.0	2071.0	2075.0	2079.0	2083.0	2087.0	2091.0	2095.0	2099.0	2103.0	2107.0	2111.0	2115.0	2119.0	2123.0	2127.0	2131.0	2135.0	2139.0	2143.0	2147.0	2151.0	2155.0	2159.0	2163.0	2167.0	2171.0	2175.0	2179.0	2183.0	2187.0	2191.0	2195.0	2199.0	2203.0	2207.0	2211.0	2215.0	2219.0	2223.0	2227.0	2231.0	2235.0	2239.0	2243.0	2247.0	2251.0	2255.0	2259.0	2263.0	2267.0	2271.0	2275.0	2279.0	2283.0	2287.0	2291.0	2295.0	2299.0	2303.0	2307.0	2311.0	2315.0	2319.0	2323.0	2327.0	2331.0	2335.0	2339.0	2343.0	2347.0	2351.0	2355.0	2359.0	2363.0	2367.0	2371.0	2375.0	2379.0	2383.0	2387.0	2391.0	2395.0	2399.0	2403.0	2407.0	2411.0	2415.0	2419.0	2423.0	2427.0	2431.0	2435.0	2439.0	2443.0	2447.0	2451.0	2455.0	2459.0	2463.0	2467.0	2471.0	2475.0	2479.0	2483.0	2487.0	2491.0	2495.0	2499.0	2503.0	2507.0	2511.0	2515.0	2519.0	2523.0	2527.0	2531.0	2535.0	2539.0	2543.0	2547.0	2551.0	2555.0	2559.0	2563.0	2567.0	2571.0	2575.0	2579.0	2583.0	2587.0	2591.0	2595.0	2599.0	2603.0	2607.0	2611.0	2615.0	2619.0	2623.0	2627.0	2631.0	2635.0	2639.0	2643.0	2647.0	2651.0	2655.0	2659.0	2663.0	2667.0	2671.0	2675.0	2679.0	2683.0	2687.0	2691.0	2695.0	2699.0	2703.0	2707.0	2711.0	2715.0	2719.0	2723.0	2727.0	2731.0	2735.0	2739.0	2743.0	2747.0	2751.0	2755.0	2759.0	2763.0	2767.0	2771.0	2775.0	2779.0	2783.0	2787.0	2791.0	2795.0	2799.0	2803.0	2807.0	2811.0	2815.0	2819.0	2823.0	2827.0	2831.0	2835.0	2839.0	2843.0	2847.0	2851.0	2855.0	2859.0	2863.0	2867.0	2871.0	2875.0	2879.0	2883.0	2887.0	2891.0	2895.0	2899.0	2903.0	2907.0	2911.0	2915.0	2919.0	2923.0	2927.0	2931.0	2935.0	2939.0	2943.0	2947.0	2951.0	2955.0	2959.0	2963.0	2967.0	2971.0	2975.0	2979.0	2983.0	2987.0	2991.0	2995.0	2999.0	3003.0	3007.0	3011.0	3015.0	3019.0	3023.0	3027.0	3031.0	3035.0	3039.0	3043.0	3047.0	3051.0	3055.0	3059.0	3063.0	3067.0	3071.0	3075.0	3079.0	3083.0	3087.0	3091.0	3095.0	3099.0	3103.0	3107.0	3111.0	3115.0	3119.0	3123.0	3127.0	3131.0	3135.0	3139.0	3143.0	3147.0	3151.0	3155.0	3159.0	3163.0	3167.0	3171.0	3175.0	3179.0	3183.0	3187.0	3191.0	3195.0	3199.0	3203.0	3207.0	3211.0	3215.0	3219.0	3223.0	3227.0	3231.0	3235.0	3239.0	3243.0	3247.0	3251.0	3255.0	3259.0	3263.0	3267.0	3271.0	3275.0	3279.0	3283.0	3287.0	3291.0	3295.0	3299.0	3303.0	3307.0	3311.0	3315.0	3319.0	3323.0	3327.0	3331.0	3335.0	3339.0	3343.0	3347.0	3351.0	3355.0	3359.0	3363.0	3367.0	3371.0	3375.0	3379.0	3383.0	3387.0	3391.0	3395.0	3399.0	3403.0	3407.0	3411.0	3415.0	3419.0	3423.0	3427.0	3431.0	3435.0	3439.0	3443.0	3447.0	3451.0	3455.0	3459.0	3463.0	3467.0	3471.0	3475.0	3479.0	3483.0	3487.0	3491.0	3495.0	3499.0	3503.0	3507.0	3511.0	3515.0	3519.0	3523.0	3527.0	3531.0	3535.0	3539.0	3543.0	3547.0	3551.0	3555.0	3559.0	3563.0	3567.0	3571.0	3575.0	3579.0	3583.0	3587.0	3591.0	3595.0	3599.0	3603.0	3607.0	3611.0	3615.0	3619.0	3623.0	3627.0	3631.0	3635.0	3639.0	3643.0	3647.0	3651.0	3655.0	3659.0	3663.0	3667.0	3671.0	3675.0	3679.0	3683.0	3687.0	3691.0	3695.0	3699.0	3703.0	3707.0	3711.0	3715.0	3719.0	3723.0	3727.0	3731.0	3735.0	3739.0	3743.0	3747.0	3751.0	3755.0	3759.0	3763.0	3767.0	3771.0	3775.0	3779.0	3783.0	3787.0	3791.0	3795.0	3799.0	3803.0	3807.0	3811.0	3815.0	3819.0	3823.0	3827.0	3831.0	3835.0	3839.0	3843.0	3847.0	3851.0	3855.0	3859.0	3863.0	3867.0	3871.0	3875.0	3879.0	3883.0	3887.0	3891.0	3895.0	3899.0	3903.0	3907.0	3911.0	3915.0	3919.0	3923.0	3927.0	3931.0	3935.0	3939.0	3943.0	3947.0	3951.0	3955.0	3959.0	3963.0	3967.0	3971.0	3975.0	3979.0	3983.0	3987.0	3991.0	3995.0	3999.0	4003.0	4007.0	4011.0	4015.0	4019.0	4023.0	4027.0	4031.0	4035.0	4039.0	4043.0	4047.0	4051.0	4055.0	4059.0	4063.0	4067.0	4071.0	4075.0	4079.0	4083.0	4087.0	4091.0	4095.0	4099.0	4103.0	4107.0	4111.0	4115.0	4119.0	4123.0	4127.0	4131.0	4135.0	4139.0	4143.0	4147.0	4151.0	4155.0	4159.0	4163.0	4167.0	4171.0	4175.0	4179.0	4183.0	4187.0	4191.0	4195.0	4199.0	4203.0	4207.0	4211.0	4215.0	4219.0	4223.0	4227.0	4231.0	4235.0	4239.0	4243.0	4247.0	4251.0	4255.0	4259.0	4263.0	4267.0	4271.0	4275.0	4279.0	4283.0	4287.0	4291.0	4295.0	4299.0	4303.0	4307.0	4311.0	4315.0	4319.0	4323.0	4327.0	4331.0	4335.0	4339.0	4343.0	4347.0	4351.0	4355.0	4359.0	4363.0	4367.0	4371.0	4375.0	4379.0	4383.0	4387.0	4391.0	4395.0	4399.0	4403.0	4407.0	4411.0	4415.0	4419.0	4423.0	4427.0	4431.0	4435.0	4439.0	4443.0	4447.0	4451.0	4455.0	4459.0	4463.0	4467.0	4471.0	4475.0	4479.0	4483.0	4487.0	4491.0	4495.0	4499.0	4503.0	4507.0	4511.0	4515.0	4519.0	4523.0	4

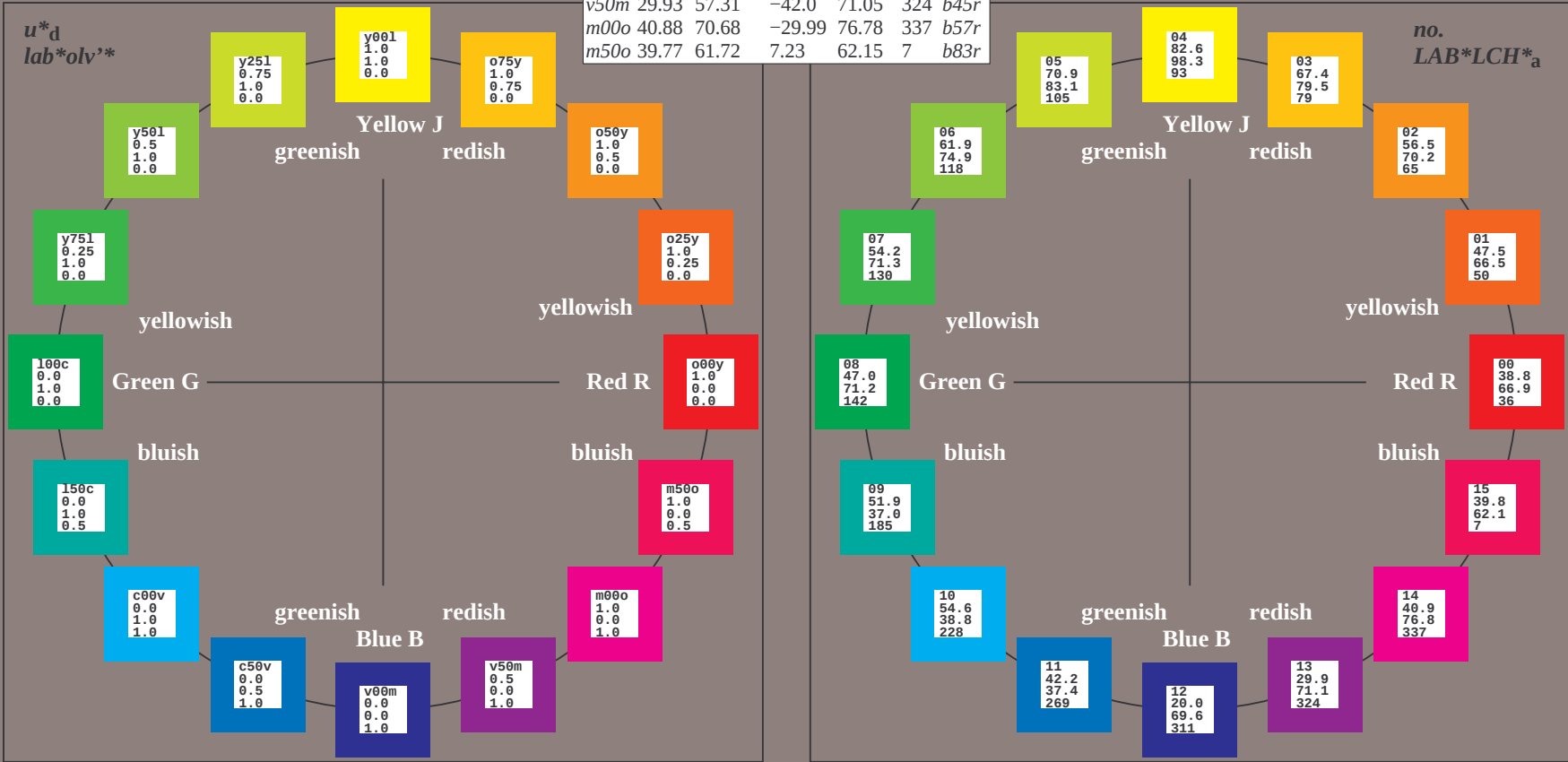
Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
 u^*_d and number *no.* = 00 .. 15
device hue text:
 u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
contrast reduction factor:
 c_R = 0.9

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>	
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>	
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>	
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>	
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>	
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>	
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>	
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>	
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>	
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>	
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>	
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>	
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>	
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>	
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>	
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>	



%Gamut
 u^*_{rel} = 88
%Regularity
 $g^*_{H,rel}$ = 31
 $g^*_{C,rel}$ = 40

FRS09_92a; CIELAB data					
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	38.8	54.41	35.65	65.05	33
Y _M	82.58	-4.04	92.72	92.8	92
L _M	46.95	-55.83	39.15	68.19	145
C _M	54.62	-25.67	-33.25	42.01	232
V _M	20.01	45.64	-56.27	72.45	309
M _M	40.88	71.17	-34.09	78.92	334
N _M	15.0	0.43	-3.23	3.26	278
W _M	90.0	0.62	-5.76	5.79	276
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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

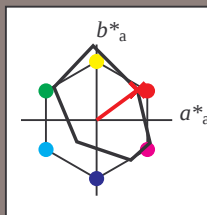
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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 54 40

$LAB^*LCH^*_{Ma}$: 39 67 36

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.14$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

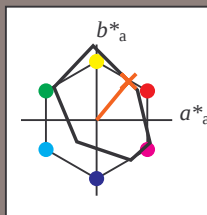
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB \cdot LAB \cdot Ma$: 47 42 51

$LAB \cdot LCH \cdot Ma$: 47 66 50

$lab \cdot olv \cdot Ma$: 1.0 0.25 0.0

$lab \cdot rgb \cdot Ma$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$lab \cdot olv \cdot Ma$

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

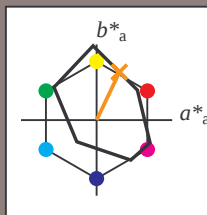
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}: 57 \ 30 \ 63$

$LAB^*LCH^*_{Ma}: 57 \ 70 \ 64$

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

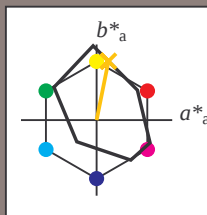
Hue texts:

$u^*_d = 0.75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 67 16 78

$LAB^*LCH^*_{Ma}$: 67 79 78

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.258$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

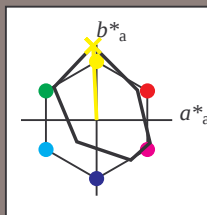
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB \cdot LAB^*_{Ma}$: 83 -5 98

$LAB \cdot LCH^*_{Ma}$: 83 98 92

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$lab \cdot olv^*$

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

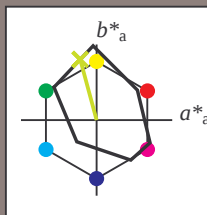
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 71 -22 80

$LAB^*LCH^*_{Ma}$: 71 83 105

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$u^*_d = y25l$
 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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.326$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

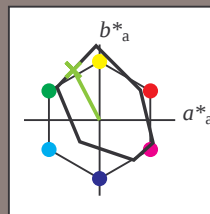
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB \cdot LAB \cdot Ma$: 62 -35 66

$LAB \cdot LCH \cdot Ma$: 62 75 117

$lab \cdot olv \cdot Ma$: 0.5 1.0 0.0

$lab \cdot rgb \cdot Ma$: 0.64 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$lab \cdot olv \cdot Ma$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

brilliantness i^*

$i^* = 0.50$

$i^* = 0.75$

$i^* = 1.00$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.361$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

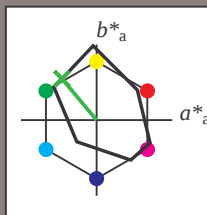
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB \cdot LAB \cdot Ma$: 54 -46 55

$LAB \cdot LCH \cdot Ma$: 54 71 129

$lab \cdot olv \cdot Ma$: 0.25 1.0 0.0

$lab \cdot rgb \cdot Ma$: 0.46 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$lab \cdot olv \cdot Ma$

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

data for any colour:

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

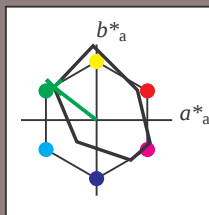
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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 -56 43

$LAB^*LCH^*_{Ma}$: 47 71 142

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.514$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

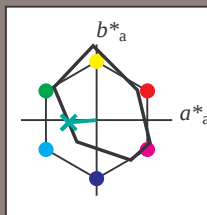
Hue texts:

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

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB \cdot LAB^*_{Ma}: 52 -37 -3$

$LAB \cdot LCH^*_{Ma}: 52 37 184$

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

$lab \cdot rgb^*_{Ma}: 0.0 1.0 0.42$

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$lab \cdot olv^*$

$i^* = 1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

lab^*tch^* and lab^*icu^*

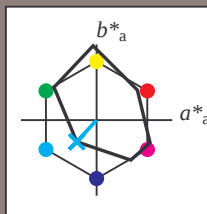
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}: 55 -26 -29$

$LAB^*LCH^*_{Ma}: 55 39 227$

$lab^*olv^*_{Ma}: 0.0 1.0 1.0$

$lab^*rgb^*_{Ma}: 0.0 0.81 1.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$lab^*olv^*_{Ma}$

$i^*=1.00$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

lab^*tch^* and lab^*icu^*

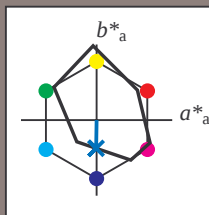
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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 -37

$LAB^*LCH^*_{Ma}$: 42 37 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.863$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

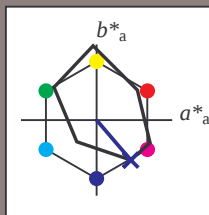
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB \cdot LAB^*_{Ma}$: 20 45 -53

$LAB \cdot LCH^*_{Ma}$: 20 70 310

$lab \cdot olv^*_{Ma}$: 0.0 0.0 1.0

$lab \cdot rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$u^*_d = v00m$

$lab \cdot olv^*$

$lab \cdot olv^*$

$i^* = 1.00$

brilliantness i^*

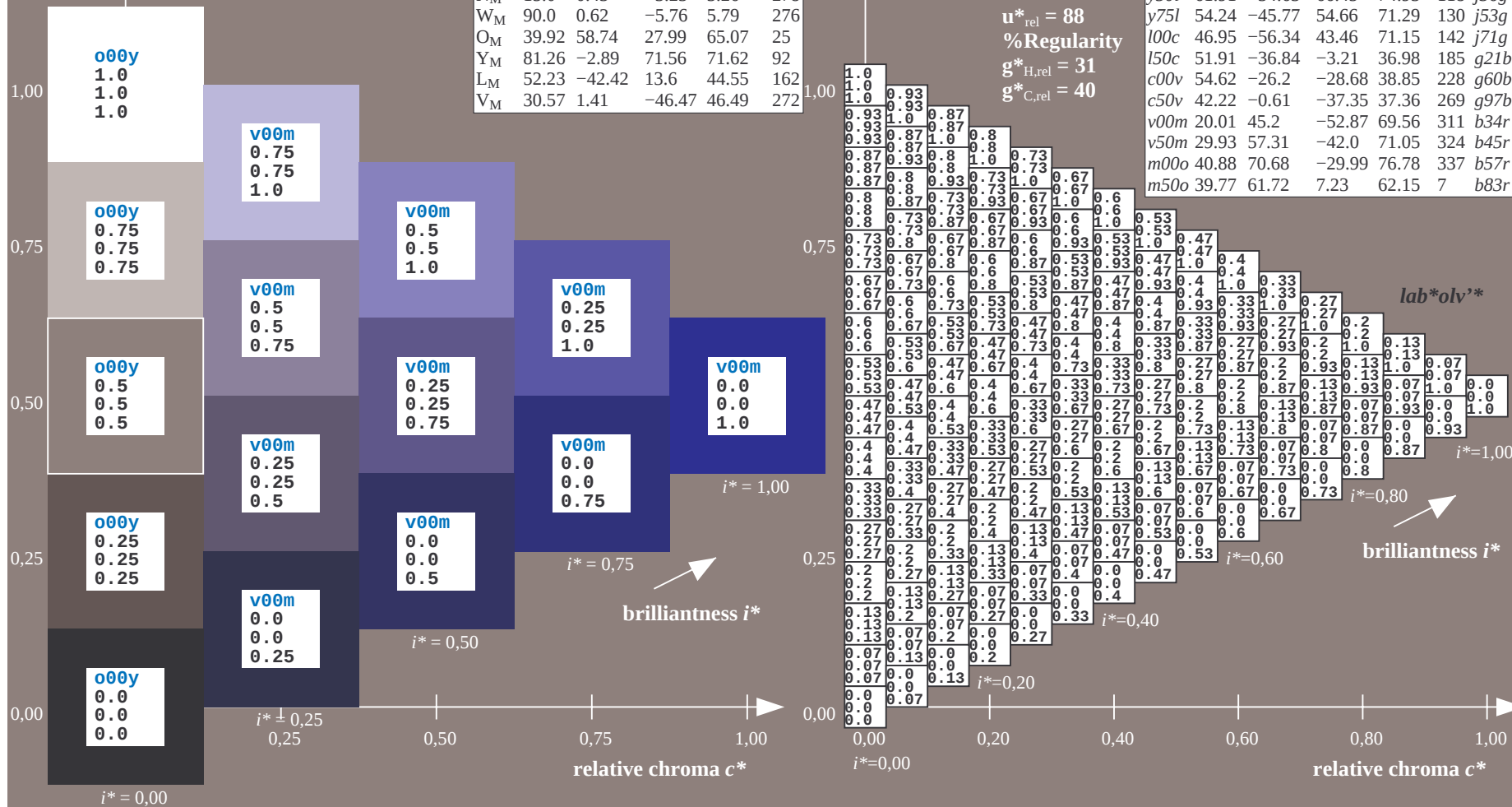
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.899$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

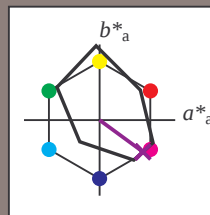
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB \cdot LAB \cdot Ma: 30 \ 57 \ -42$

$LAB \cdot LCH \cdot Ma: 30 \ 71 \ 323$

$lab \cdot olv \cdot Ma: 0.5 \ 0.0 \ 1.0$

$lab \cdot rgb \cdot Ma: 0.91 \ 0.0 \ 1.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

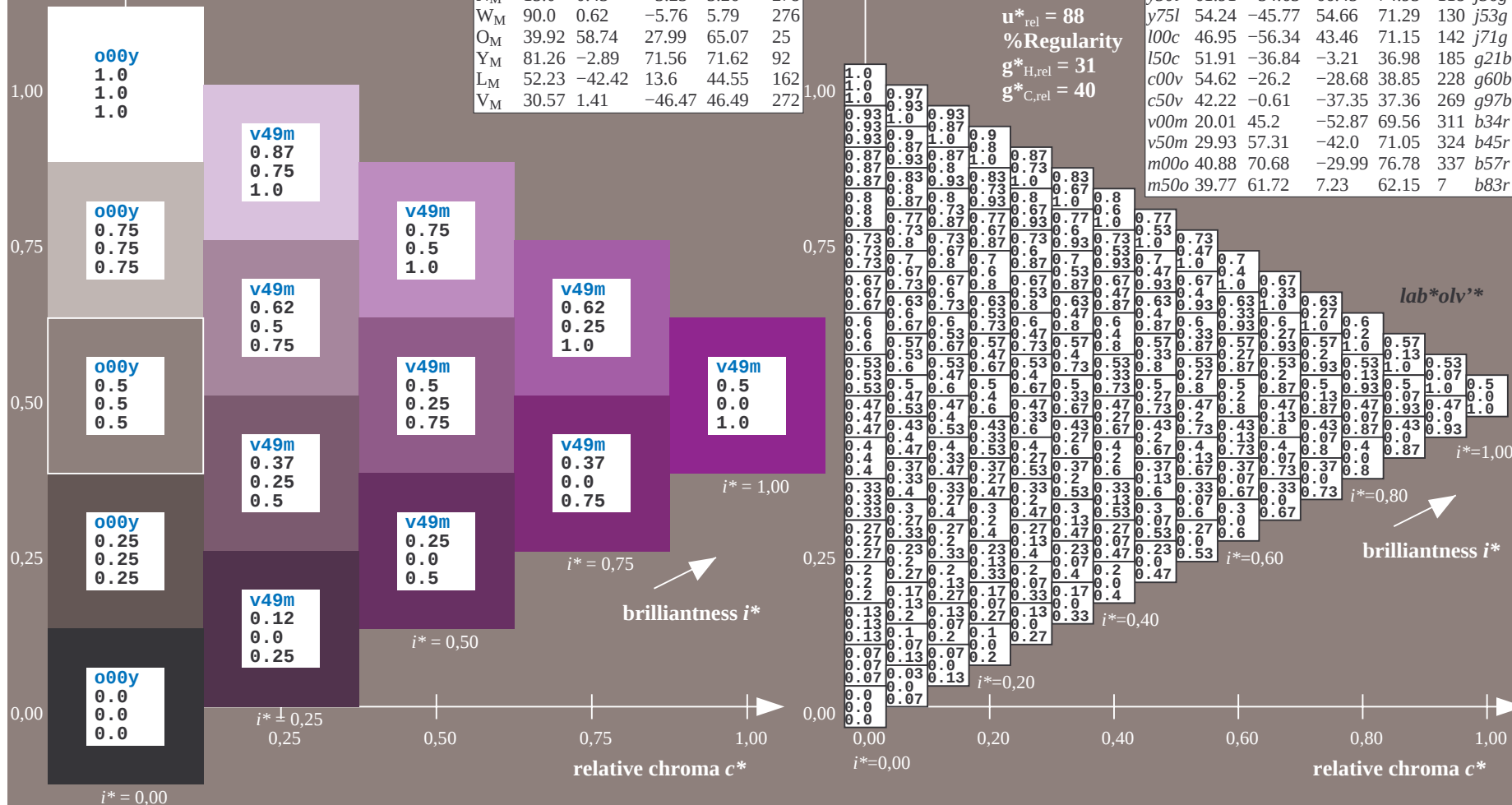
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$lab \cdot olv \cdot v^*$

$i^* = 1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

lab^*tch^* and lab^*icu^*

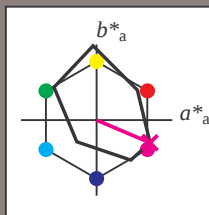
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 41 71 -30

$LAB^*LCH^*_{Ma}$: 41 77 337

$lab^*olv^*_{Ma}$: 1.0 0.0 1.0

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:

lab^*tch^* and lab^*icu^*

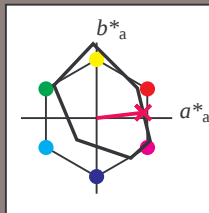
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}: 40 \ 62 \ 7$

$LAB^*LCH^*_{Ma}: 40 \ 62 \ 6$

$lab^*olv^*_{Ma}: 1.0 \ 0.0 \ 0.5$

$lab^*rgb^*_{Ma}: 1.0 \ 0.0 \ 0.33$

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$u^*_d = m50o$

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^*

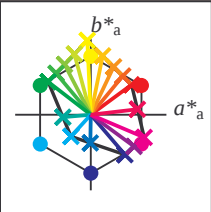
relative chroma c^*

$i^* = 0.00$

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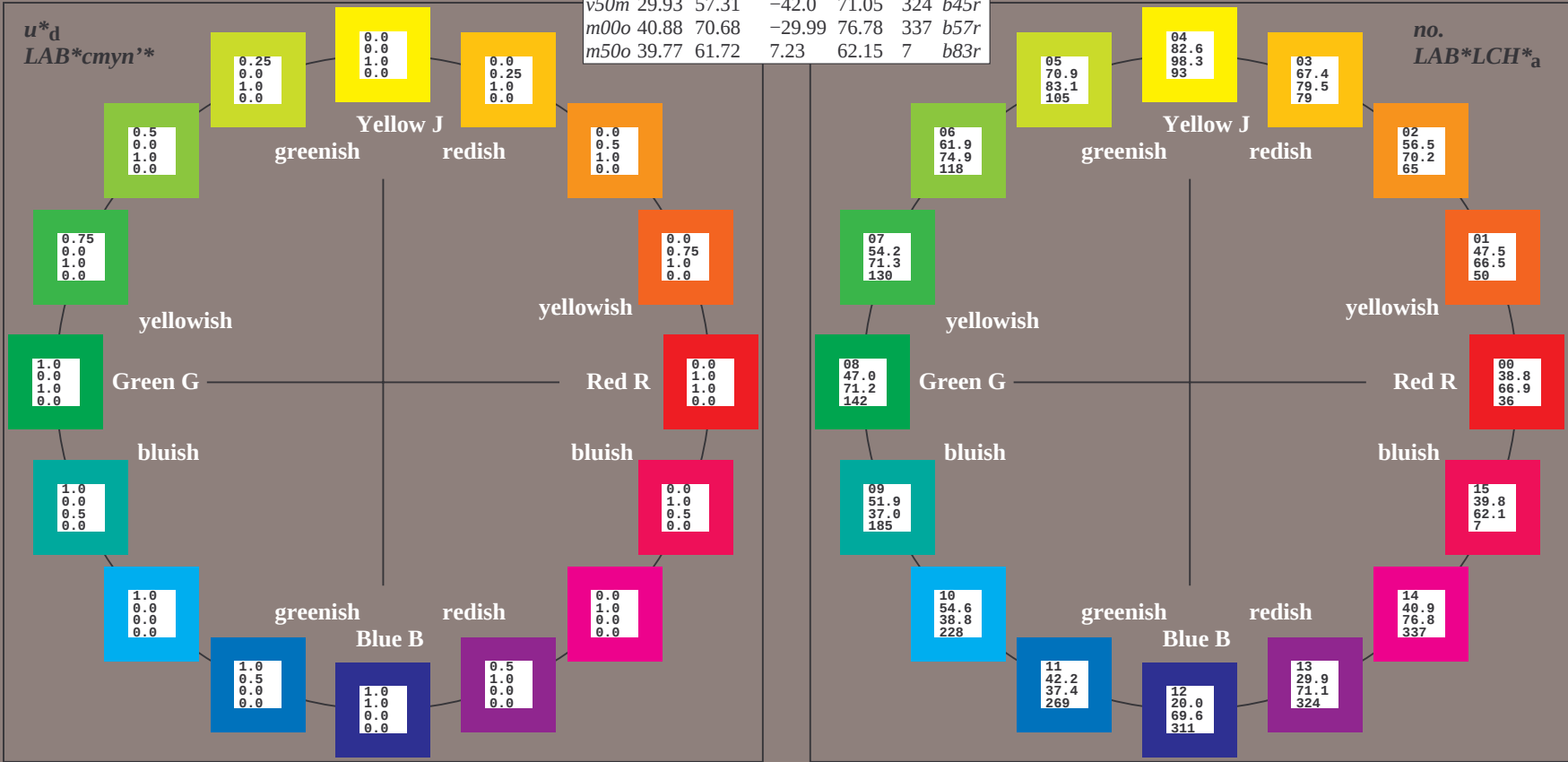
Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
 u^*_d and number $no.$ = 00 .. 15
device hue text:
 $u^*_d = 16$ hues $o00y, o25y, \dots, m50o$
contrast reduction factor:
 $c_R = 0.9$

FRS09_92a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$	
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$	
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$	
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$	
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$	
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$	
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$	
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$	
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$	
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$	
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$	
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$	
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$	
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$	
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$	
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$	



%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; CIELAB data					
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$
data for any colour:

lab^*tch^* and lab^*icu^*

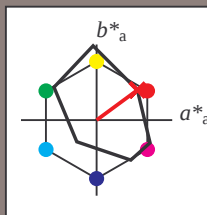
Hue texts:

$u^*_d = o00y$ $u^*_e = r16j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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 54 40

$LAB^*LCH^*_{Ma}$: 39 67 36

$lab^*olv^*_{Ma}$: 1.0 0.0 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$
data for any colour:

lab^*tch^* and lab^*icu^*

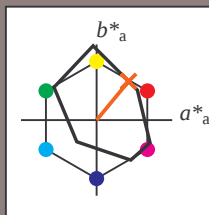
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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 42 51

$LAB^*LCH^*_{Ma}$: 47 66 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

lab^*tch^* and lab^*icu^*

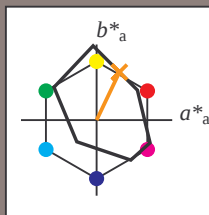
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 57 30 63

$LAB^*LCH^*_{Ma}$: 57 70 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

$i^* \pm 0.25$

$i^* = 0.50$

$i^* = 0.75$

$i^* = 1.00$

brilliantness i^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

lab^*tch^* and lab^*icu^*

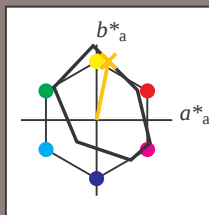
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 67 16 78

$LAB^*LCH^*_{Ma}$: 67 79 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.8 0.0

triangle lightness t^*

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$u^*_d = o75y$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

lab^*tch^* and lab^*icu^*

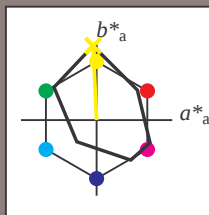
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}: 83 \ -5 \ 98$

$LAB^*LCH^*_{Ma}: 83 \ 98 \ 92$

$lab^*olv^*_{Ma}: 1.0 \ 1.0 \ 0.0$

$lab^*rgb^*_{Ma}: 0.99 \ 1.0 \ 0.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

lab^*tch^* and lab^*icu^*

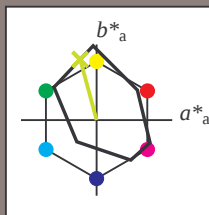
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 71 -22 80

$LAB^*LCH^*_{Ma}$: 71 83 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

data for any colour:

lab^*tch^* and lab^*icu^*

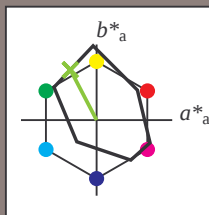
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33	
Y_M	82.58	-4.04	92.72	92.8	92	
L_M	46.95	-55.83	39.15	68.19	145	
C_M	54.62	-25.67	-33.25	42.01	232	
V_M	20.01	45.64	-56.27	72.45	309	
M_M	40.88	71.17	-34.09	78.92	334	
N_M	15.0	0.43	-3.23	3.26	278	
W_M	90.0	0.62	-5.76	5.79	276	
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):

$LAB^*LAB^*_{Ma}$: 62 -35 66

$LAB^*LCH^*_{Ma}$: 62 75 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36		$r16j$
$o25y$	47.46	42.34	51.25	66.48	50		$r37j$
$o50y$	56.54	30.2	63.39	70.22	65		$r58j$
$o75y$	67.39	15.68	77.9	79.47	79		$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93		$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105		$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118		$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130		$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142		$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185		$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228		$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269		$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311		$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324		$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337		$b57r$
$m50o$	39.77	61.72	7.23	62.15	7		$b83r$

LAB^*cmyn^*

$i^*=1.00$

$i^*=0.80$

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 FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$
data for any colour:

lab^*tch^* and lab^*icu^*

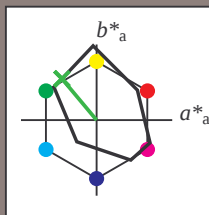
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 54 -46 55

$LAB^*LCH^*_{Ma}$: 54 71 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

data for any colour:

lab^*tch^* and lab^*icu^*

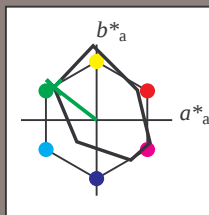
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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 -56 43

$LAB^*LCH^*_{Ma}$: 47 71 142

$lab^*olv^*_{Ma}$: 0.0 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

lab^*tch^* and lab^*icu^*

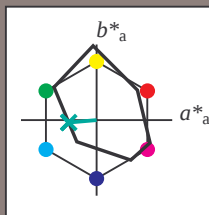
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 52 -37 -3

$LAB^*LCH^*_{Ma}$: 52 37 184

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

lab^*tch^* and lab^*icu^*

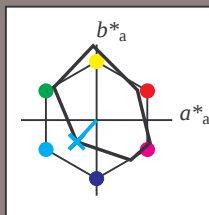
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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 -26 -29

$LAB^*LCH^*_{Ma}$: 55 39 227

$lab^*olv^*_{Ma}$: 0.0 1.0 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.81 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

$i^* \pm 0.25$
0.25

0.50

0.75

1.00

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

lab^*tch^* and lab^*icu^*

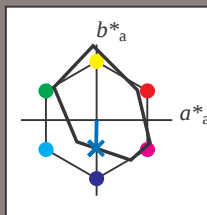
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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 -37

$LAB^*LCH^*_{Ma}$: 42 37 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

data for any colour:

lab^*tch^* and lab^*icu^*

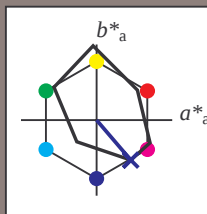
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 20 45 -53

$LAB^*LCH^*_{Ma}$: 20 70 310

$lab^*olv^*_{Ma}$: 0.0 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

lab^*tch^* and lab^*icu^*

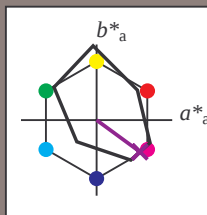
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33	
Y_M	82.58	-4.04	92.72	92.8	92	
L_M	46.95	-55.83	39.15	68.19	145	
C_M	54.62	-25.67	-33.25	42.01	232	
V_M	20.01	45.64	-56.27	72.45	309	
M_M	40.88	71.17	-34.09	78.92	334	
N_M	15.0	0.43	-3.23	3.26	278	
W_M	90.0	0.62	-5.76	5.79	276	
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):

$LAB^*LAB^*_{Ma}: 30 \ 57 \ -42$

$LAB^*LCH^*_{Ma}: 30 \ 71 \ 323$

$lab^*olv^*_{Ma}: 0.5 \ 0.0 \ 1.0$

$lab^*rgb^*_{Ma}: 0.91 \ 0.0 \ 1.0$

triangle lightness t^*

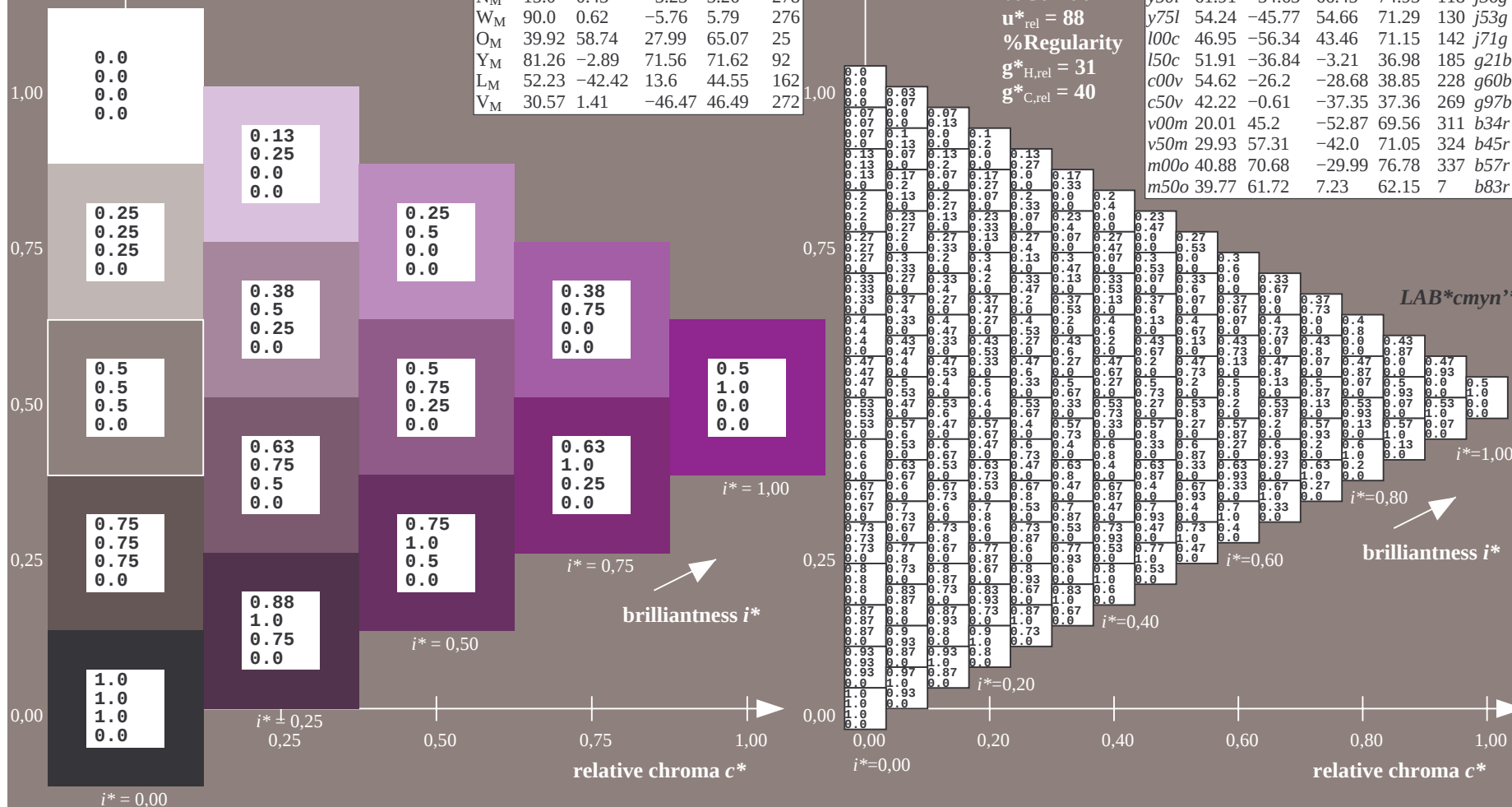
FRS09_92a; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36		$r16j$
$o25y$	47.46	42.34	51.25	66.48	50		$r37j$
$o50y$	56.54	30.2	63.39	70.22	65		$r58j$
$o75y$	67.39	15.68	77.9	79.47	79		$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93		$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105		$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118		$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130		$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142		$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185		$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228		$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269		$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311		$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324		$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337		$b57r$
$m50o$	39.77	61.72	7.23	62.15	7		$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

lab^*tch^* and lab^*icu^*

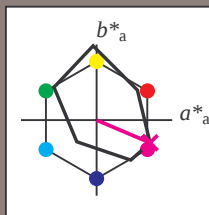
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
C_M	54.62	-25.67	-33.25	42.01	232
V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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):

$LAB^*LAB^*_{Ma}$: 41 71 -30

$LAB^*LCH^*_{Ma}$: 41 77 337

$lab^*olv^*_{Ma}$: 1.0 0.0 1.0

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

$i^* \pm 0.25$

$i^* = 0.50$

$i^* = 0.75$

$i^* = 1.00$

brilliantness i^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:

lab^*tch^* and lab^*icu^*

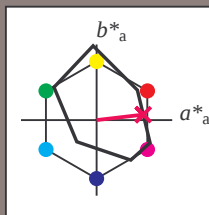
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS09_92a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	38.8	54.41	35.65	65.05	33
Y_M	82.58	-4.04	92.72	92.8	92
L_M	46.95	-55.83	39.15	68.19	145
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V_M	20.01	45.64	-56.27	72.45	309
M_M	40.88	71.17	-34.09	78.92	334
N_M	15.0	0.43	-3.23	3.26	278
W_M	90.0	0.62	-5.76	5.79	276
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 62 7

$LAB^*LCH^*_{Ma}$: 40 62 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

% Gamut

$u^*_{rel} = 88$

% Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

LAB^*cmyn^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

	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'*			
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