

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

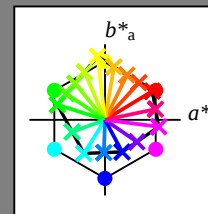
$u^*_d = 16$ hues $o00y, o25y, \dots, m50o$

contrast reduction factor:

$c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut

$u^*_{rel} = 83$

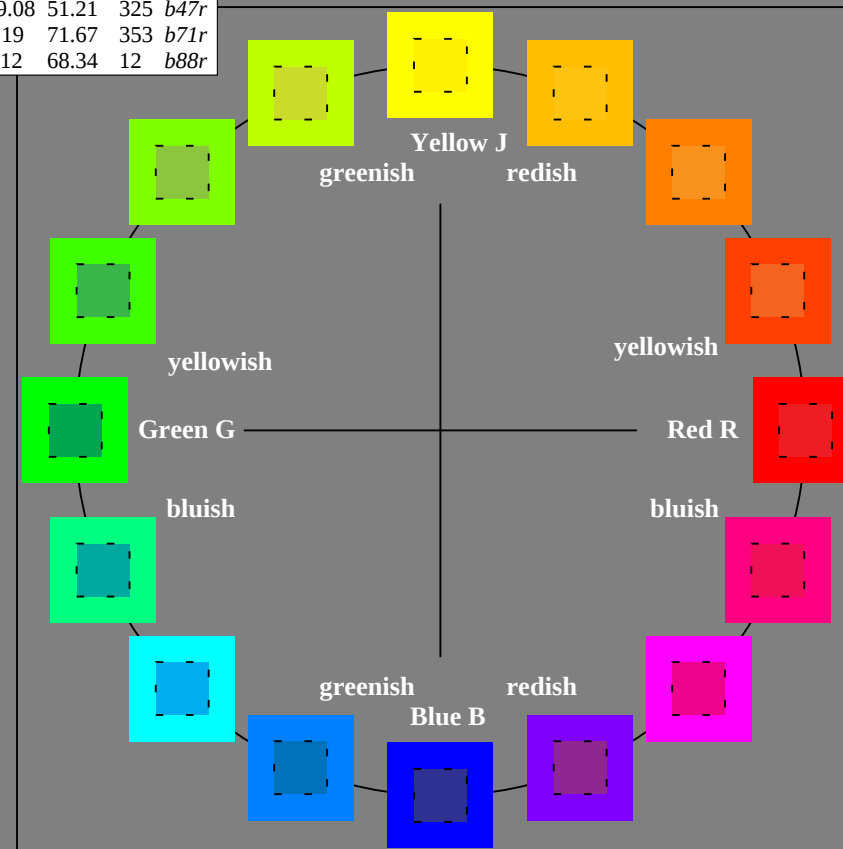
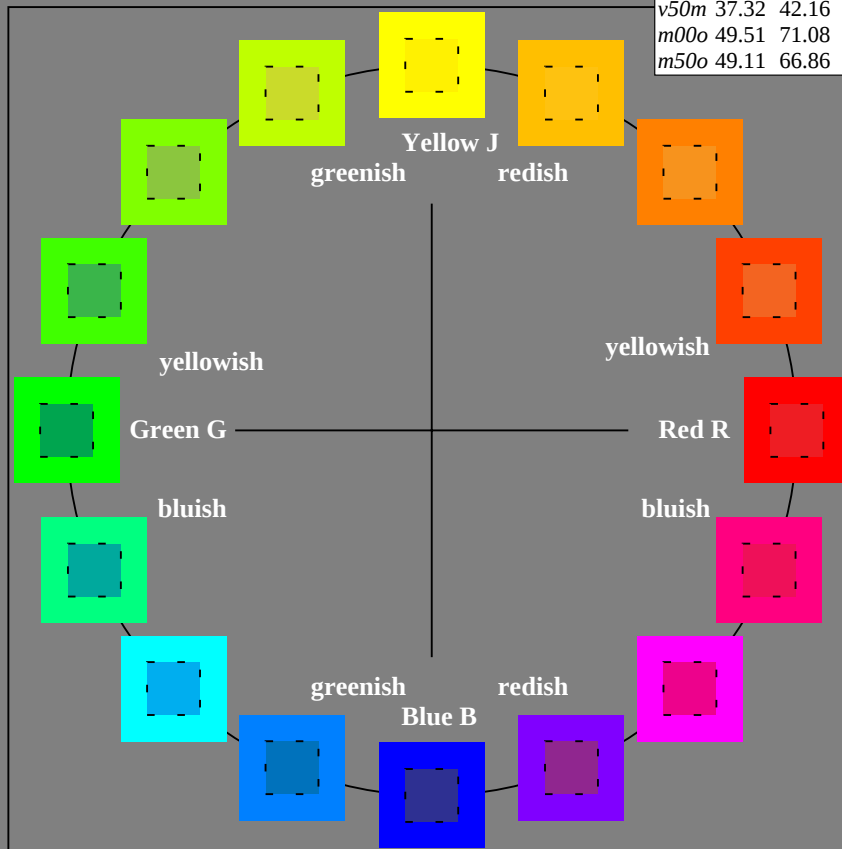
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	92
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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

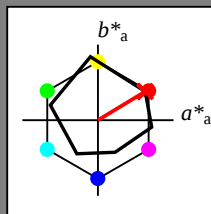
Hue texts:

$u^*_d = o00y$ $u^*_e = r08j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 63 38

$LAB^*LCH^*_{Ma}$: 49 73 31

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

$lab^*rgb^*_{Ma}$: 1.0 0.09 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

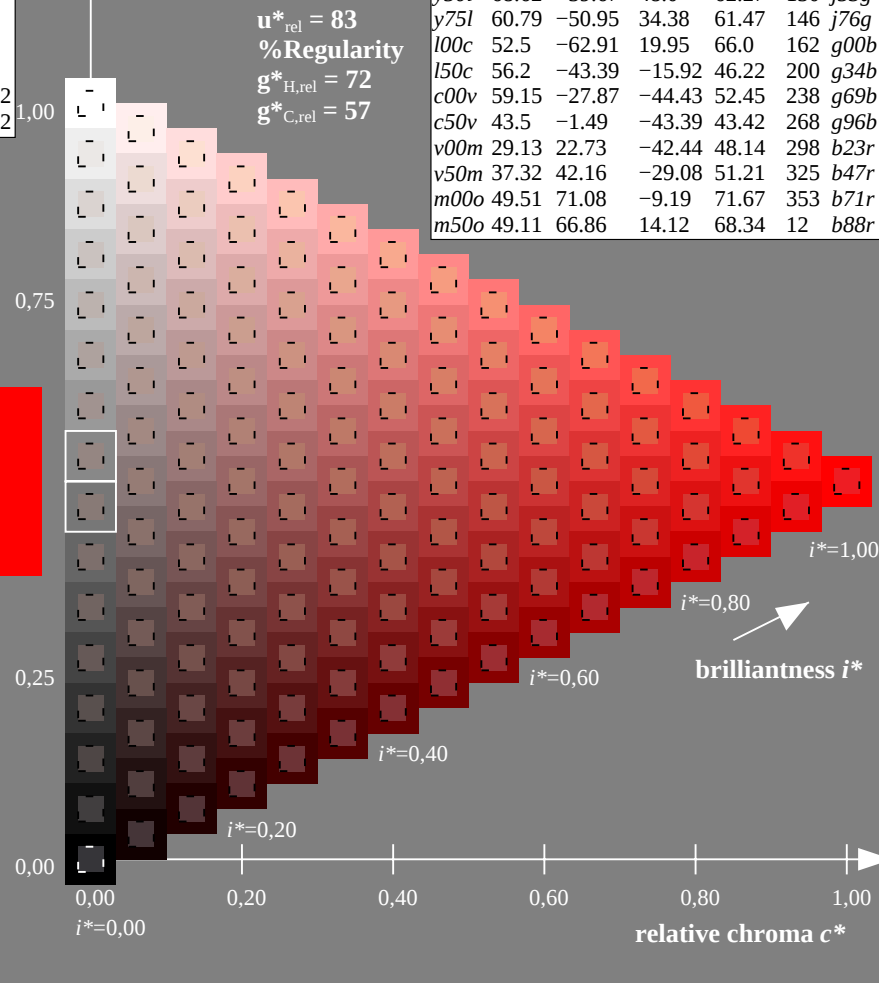
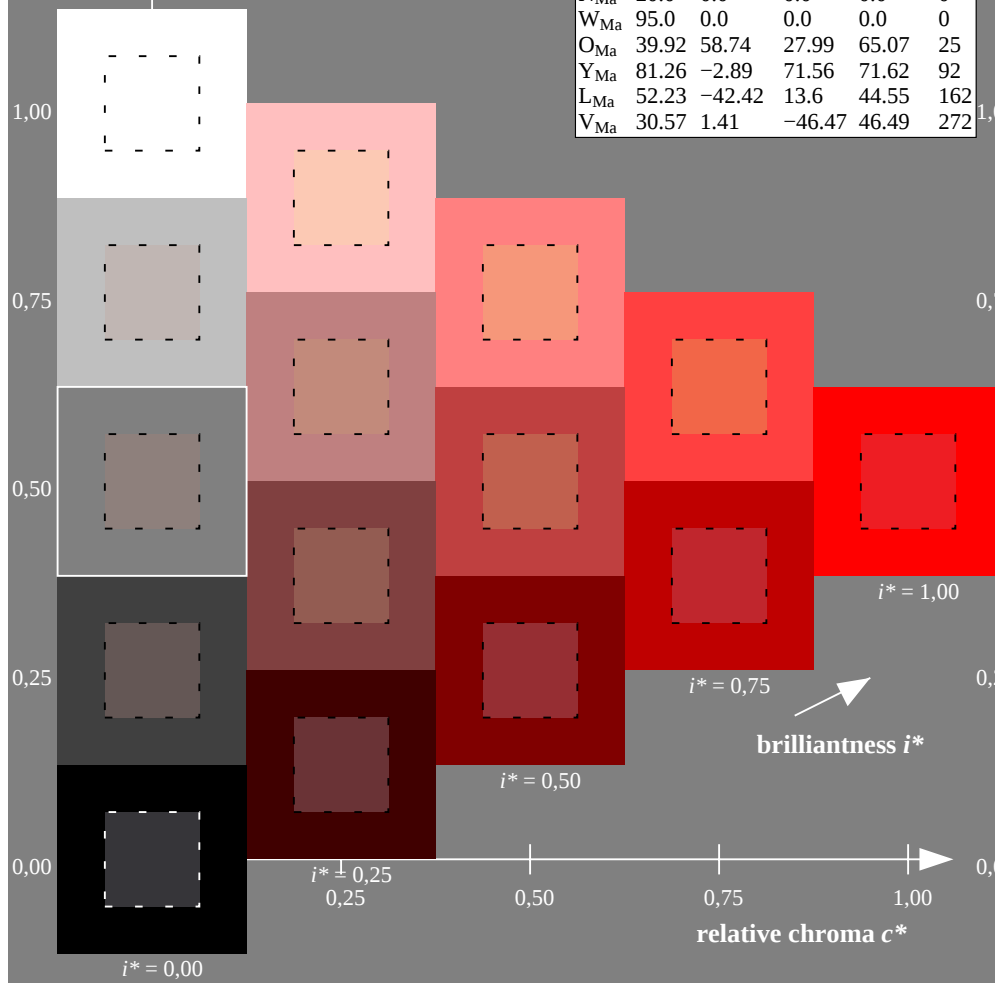
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	48.71	62.56	37.91	73.15	31	<i>r08j</i>
<i>o25y</i>	58.6	44.87	49.14	66.54	48	<i>r33j</i>
<i>o50y</i>	67.52	28.93	59.25	65.94	64	<i>r57j</i>
<i>o75y</i>	77.05	11.9	70.06	71.06	80	<i>r81j</i>
<i>y00l</i>	89.25	-9.92	83.91	84.49	97	<i>j06g</i>
<i>y25l</i>	77.37	-27.05	63.23	68.78	113	<i>j30g</i>
<i>y50l</i>	68.62	-39.67	48.0	62.27	130	<i>j53g</i>
<i>y75l</i>	60.79	-50.95	34.38	61.47	146	<i>j76g</i>
<i>l00c</i>	52.5	-62.91	19.95	66.0	162	<i>g00b</i>
<i>l50c</i>	56.2	-43.39	-15.92	46.22	200	<i>g34b</i>
<i>c00v</i>	59.15	-27.87	-44.43	52.45	238	<i>g69b</i>
<i>c50v</i>	43.5	-1.49	-43.39	43.42	268	<i>g96b</i>
<i>v00m</i>	29.13	22.73	-42.44	48.14	298	<i>b23r</i>
<i>v50m</i>	37.32	42.16	-29.08	51.21	325	<i>b47r</i>
<i>m00o</i>	49.51	71.08	-9.19	71.67	353	<i>b71r</i>
<i>m50o</i>	49.11	66.86	14.12	68.34	12	<i>b88r</i>



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:

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

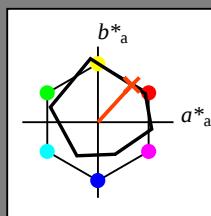
Hue texts:

$u^*_d = o25y$ $u^*_e = r33j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 45 49

$LAB^*LCH^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

%Gamut

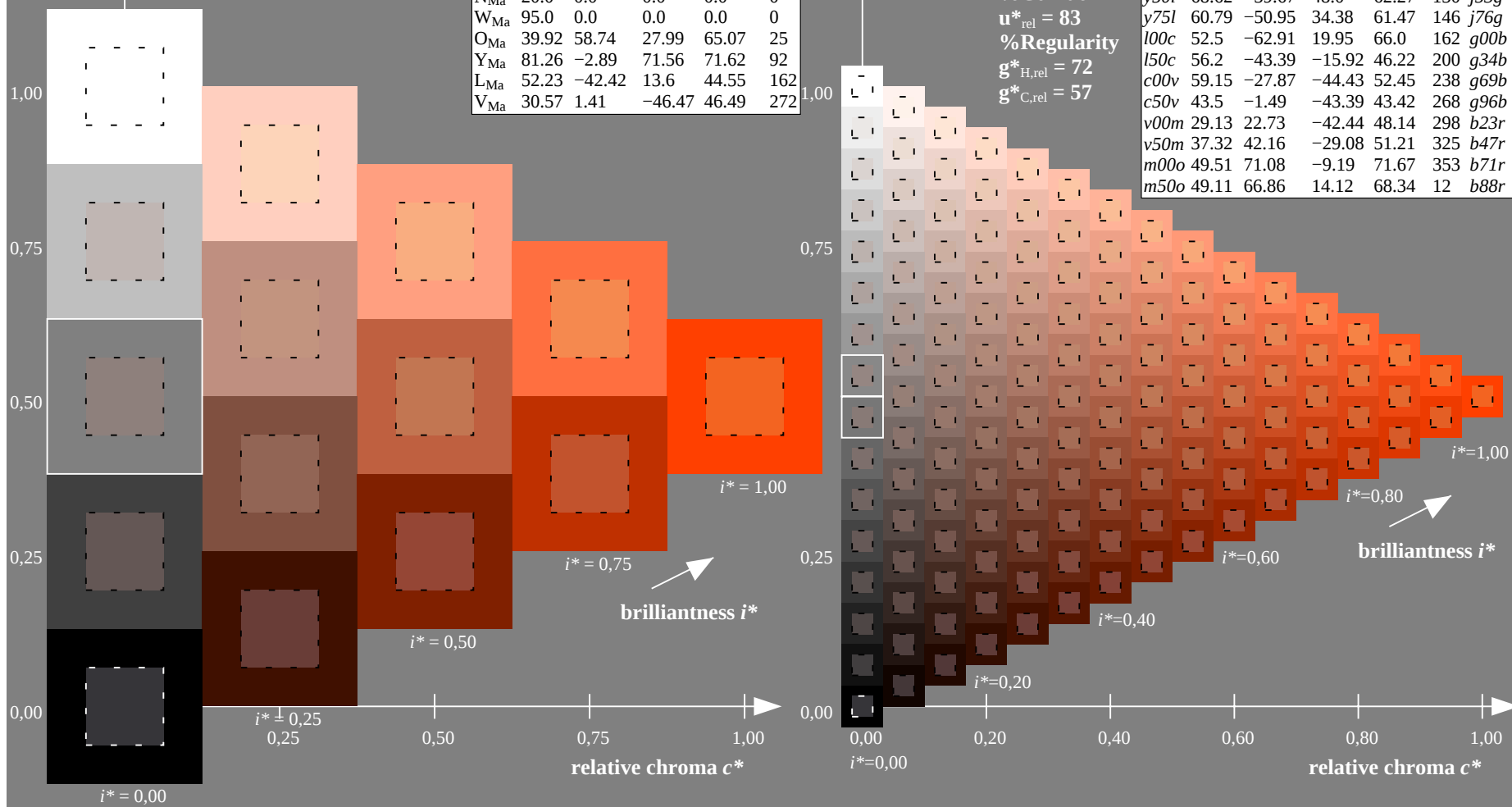
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$
data for any colour:

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

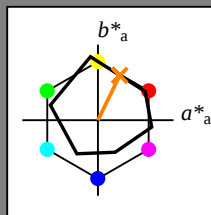
Hue texts:

$u^*_d = o50y$ $u^*_e = r57j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 68 29 59

$LAB^*LCH^*_{Ma}$: 68 66 63

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

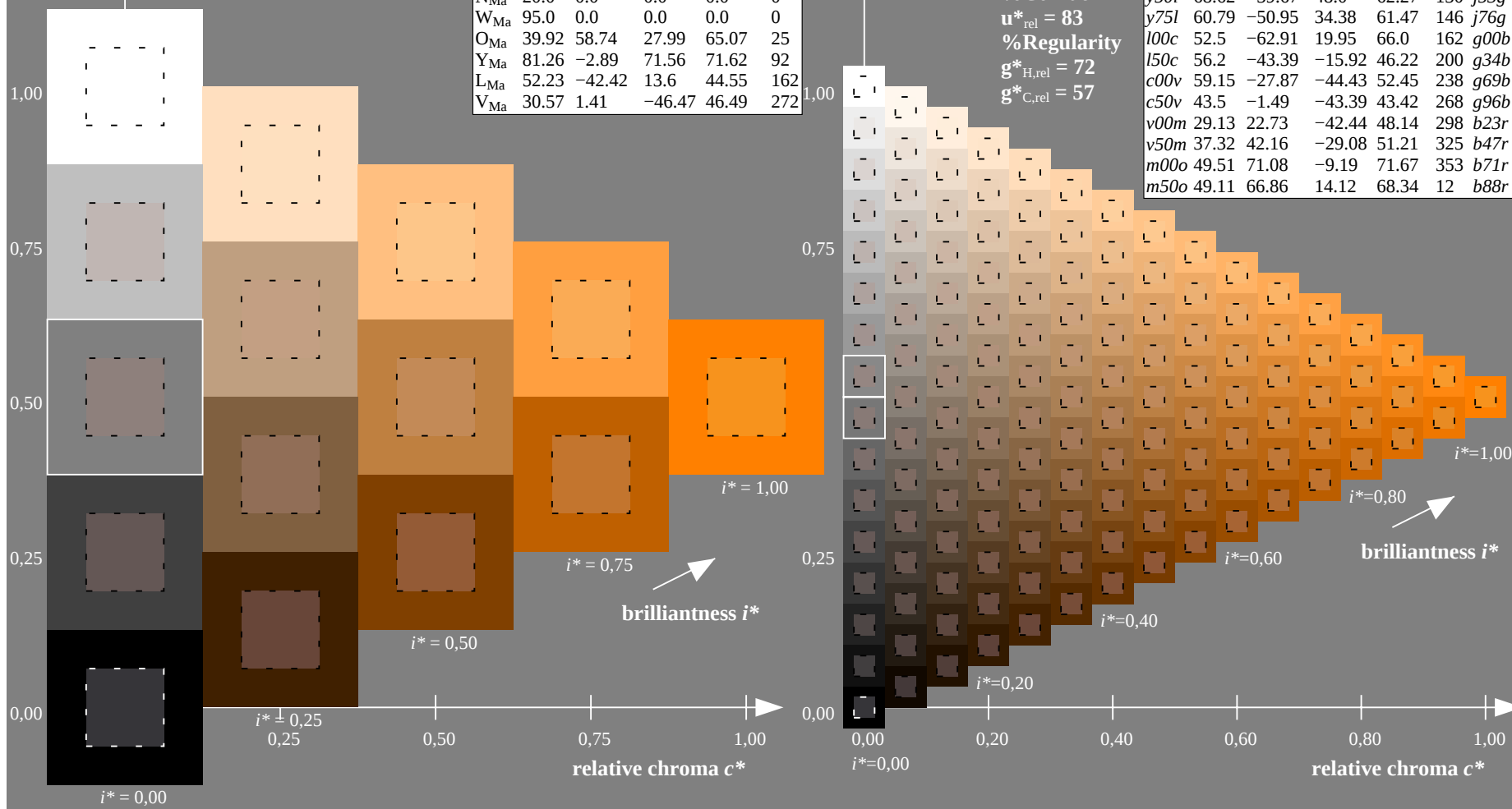
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = o50y$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$
data for any colour:

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

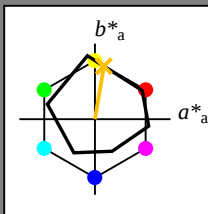
Hue texts:

$u^*_d = o75y$ $u^*_e = r81j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 12 70

$LAB^*LCH^*_{Ma}$: 77 71 80

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

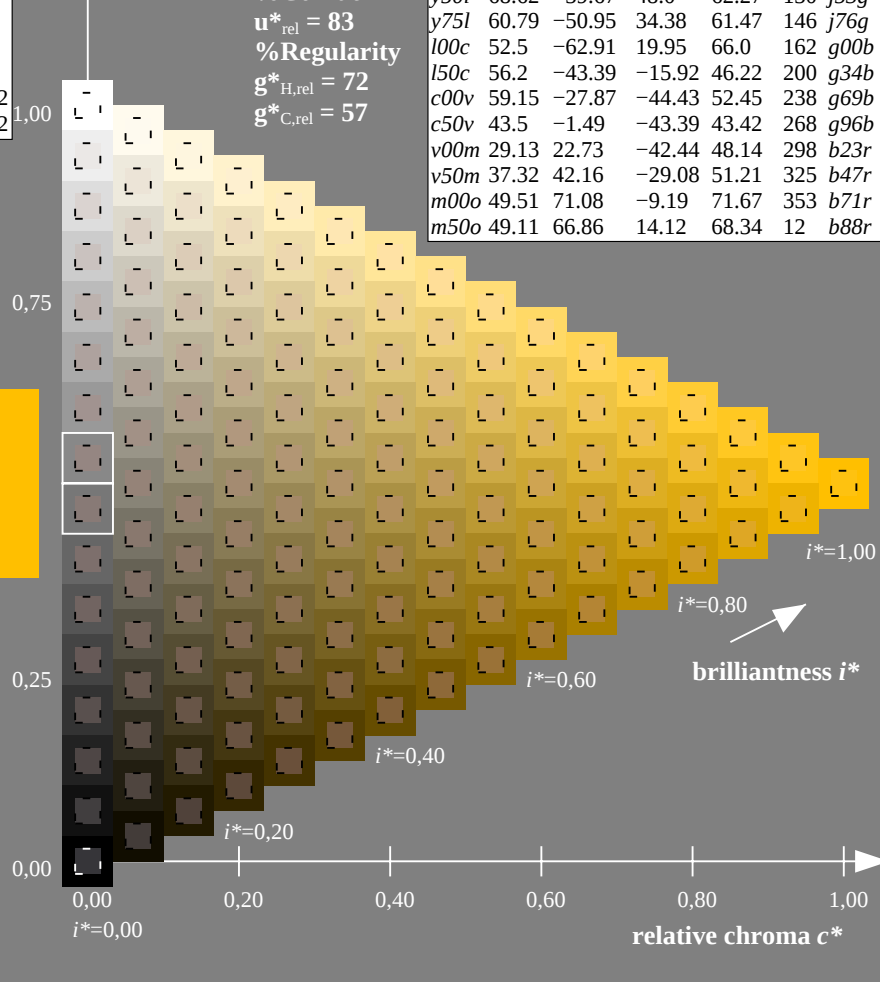
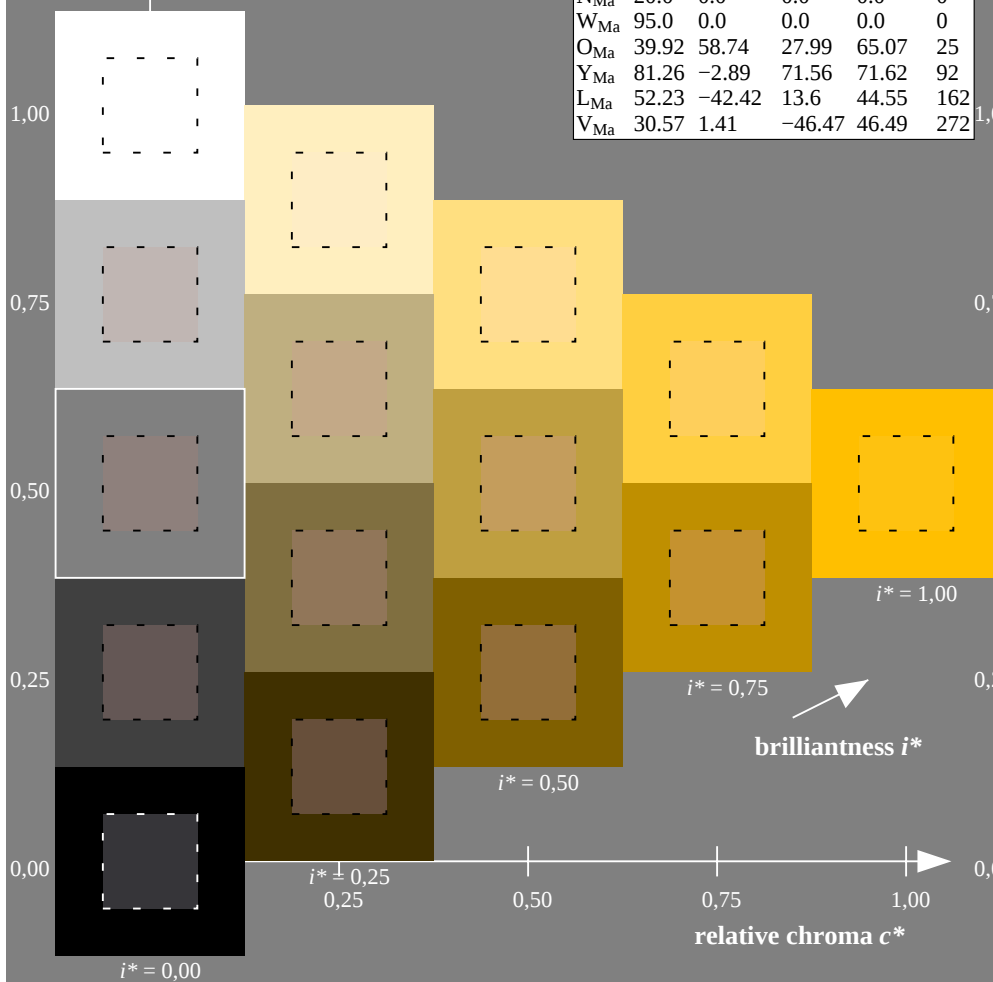
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = o75y$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$
data for any colour:

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

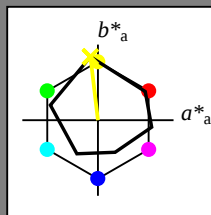
Hue texts:

$u^*_d = y00l$ $u^*_e = j06g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 89 -10 84

$LAB^*LCH^*_{Ma}$: 89 84 96

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

$lab^*rgb^*_{Ma}$: 0.94 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

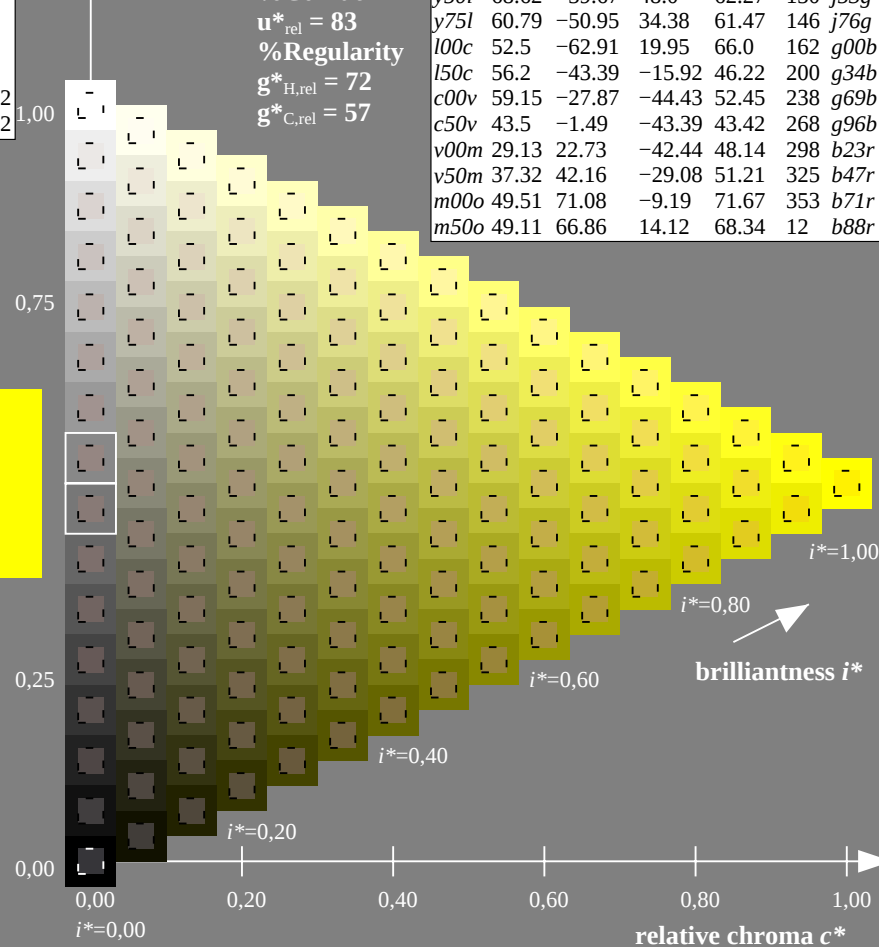
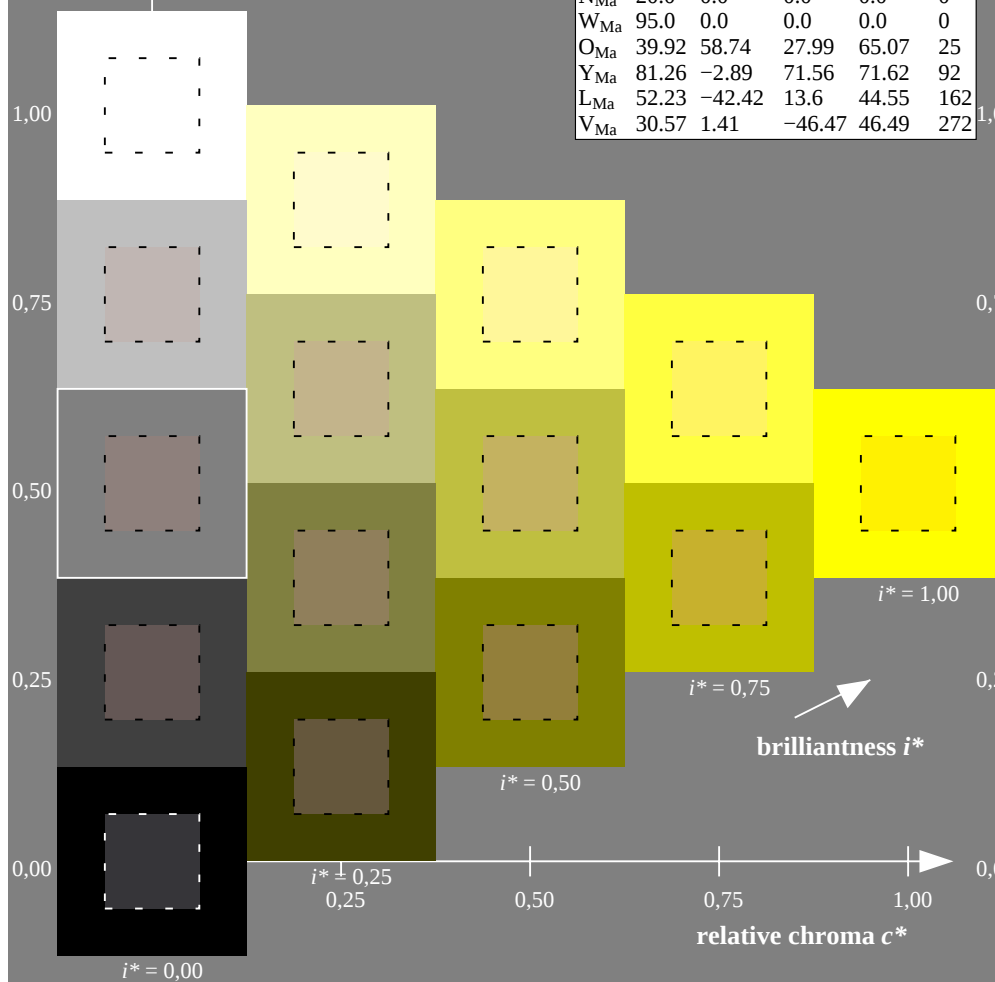
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y00l$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

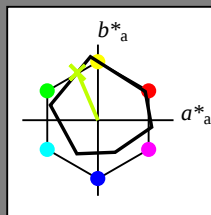
Hue texts:

$u^*_d = y25l$ $u^*_e = j30g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 -27 63

$LAB^*LCH^*_{Ma}$: 77 69 113

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

$lab^*rgb^*_{Ma}$: 0.7 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

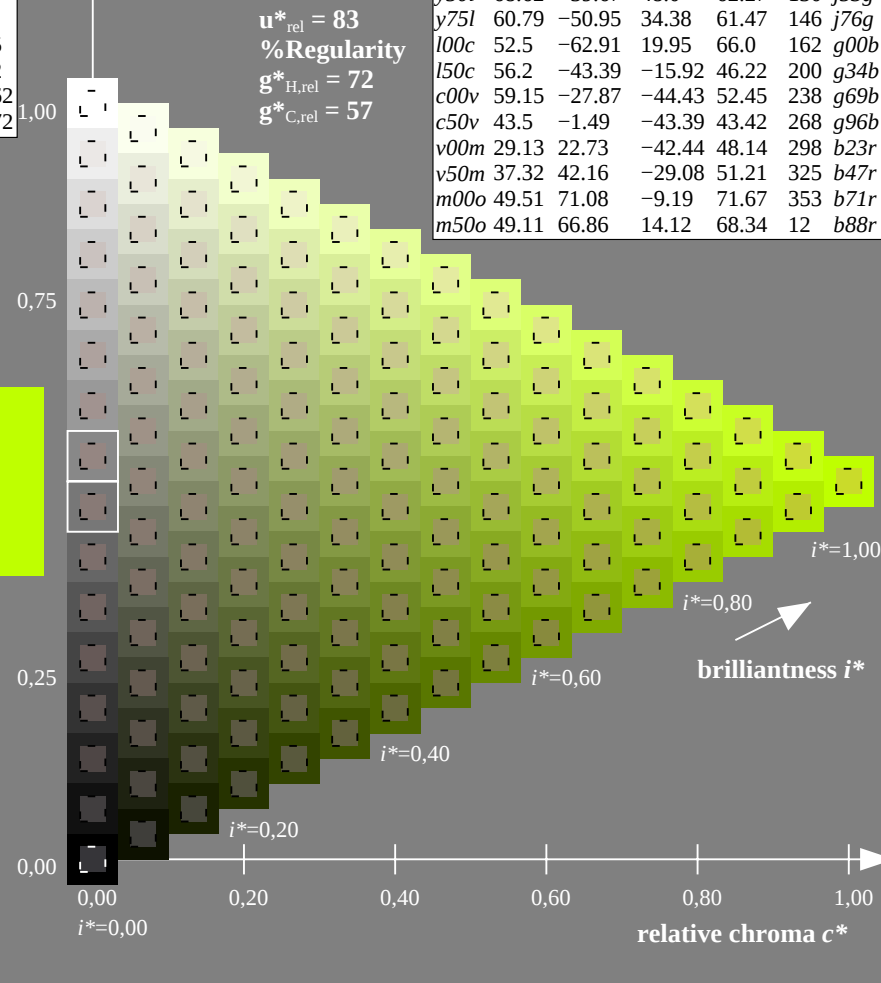
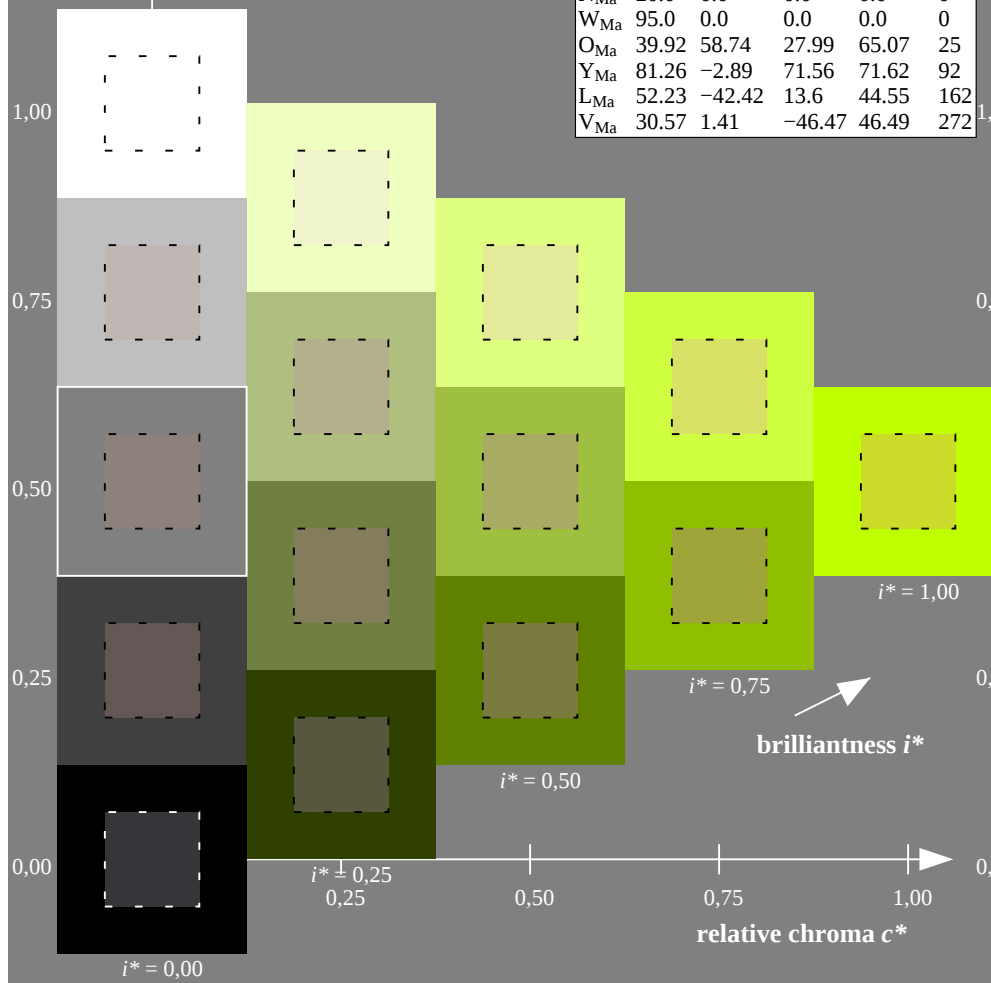
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y25l$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$
data for any colour:

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

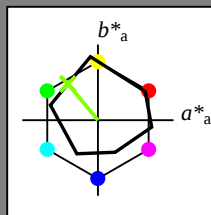
Hue texts:

$u^*_d = y50l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 69 -40 48

$LAB^*LCH^*_{Ma}$: 69 62 129

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

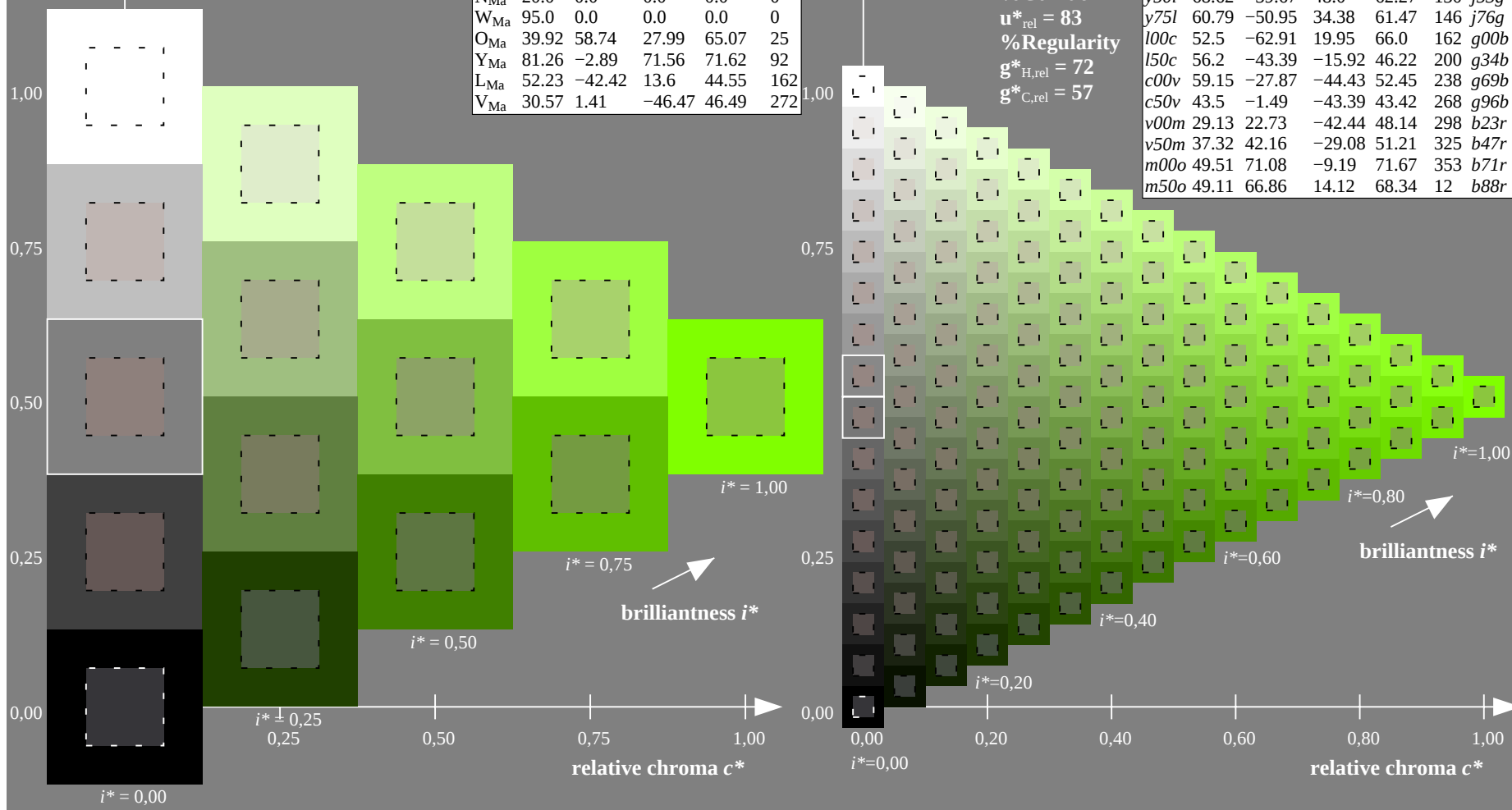
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y50l$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$
data for any colour:

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

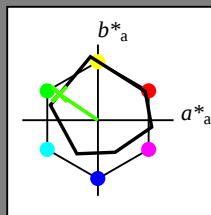
Hue texts:

$u^*_d = y75l$ $u^*_e = j76g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 61 -51 34

$LAB^*LCH^*_{Ma}$: 61 61 145

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

$lab^*rgb^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

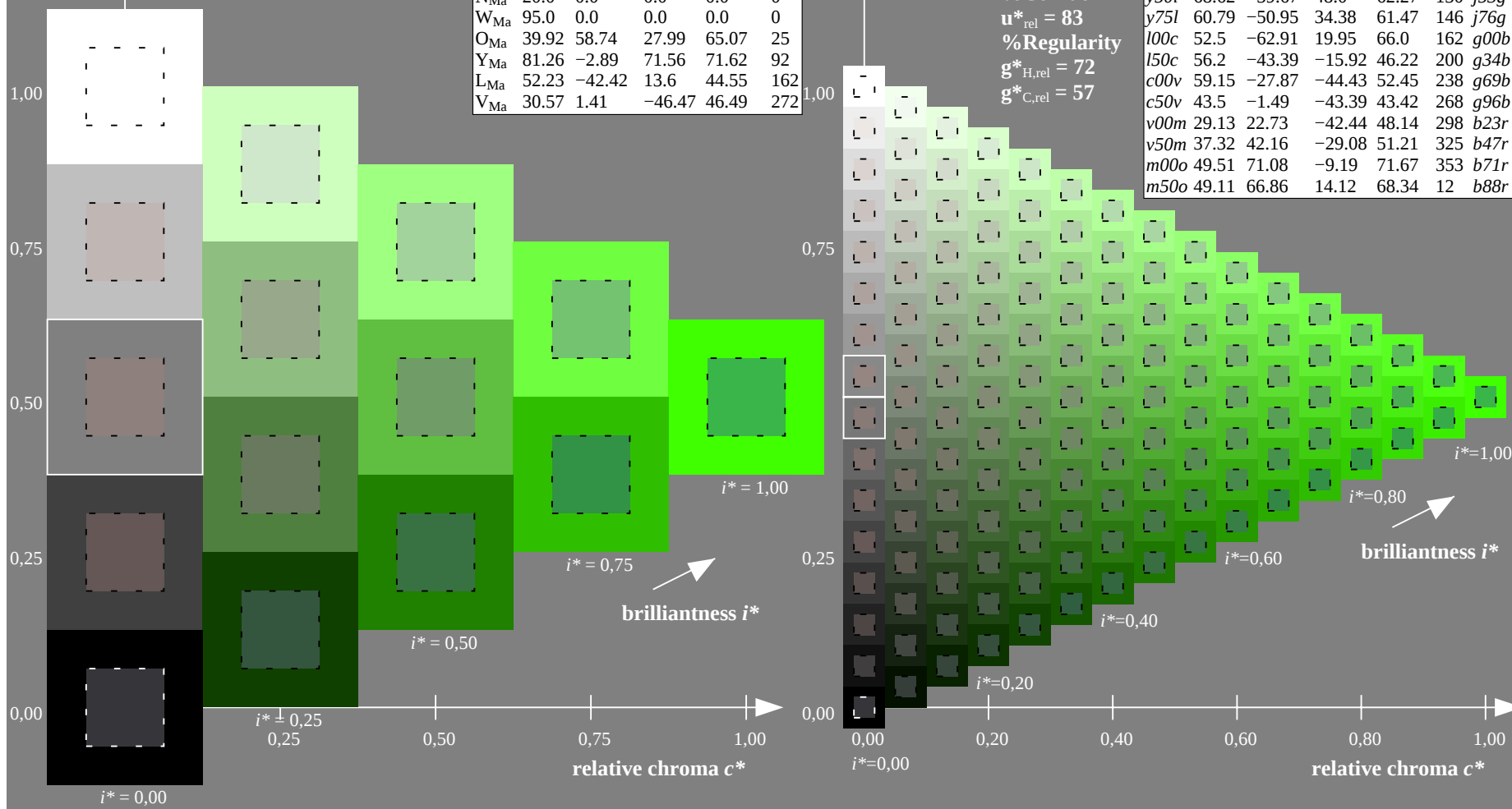
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y75l$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:

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

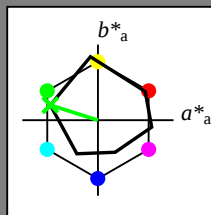
Hue texts:

$u^*_d = 100c$ $u^*_e = g00b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -63 20

$LAB^*LCH^*_{Ma}$: 52 66 162

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

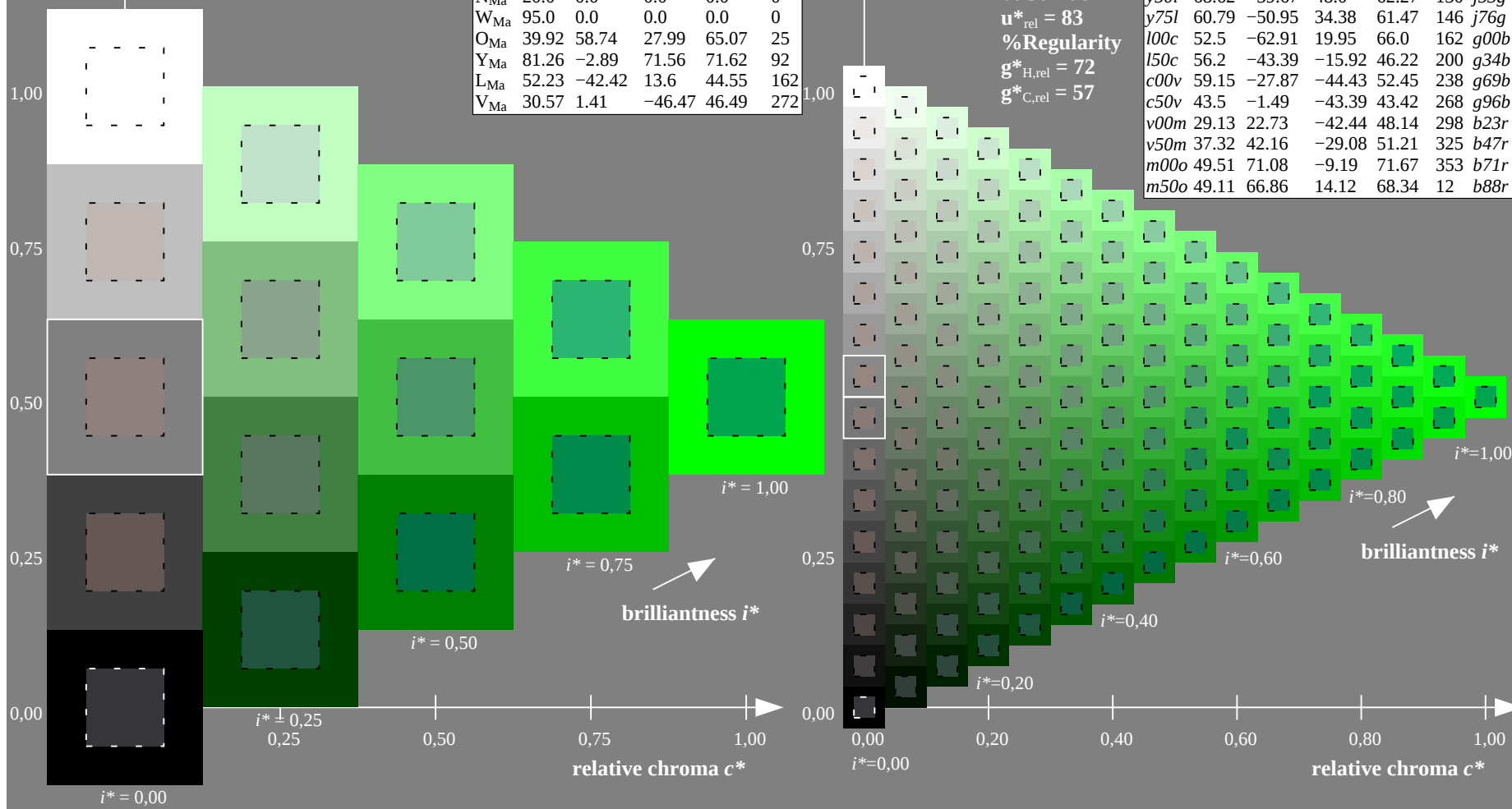
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

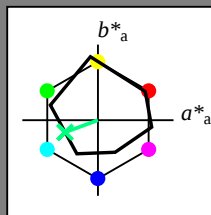
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = 100c$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -43 -16

$LAB^*LCH^*_{Ma}$: 56 46 200

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

%Gamut

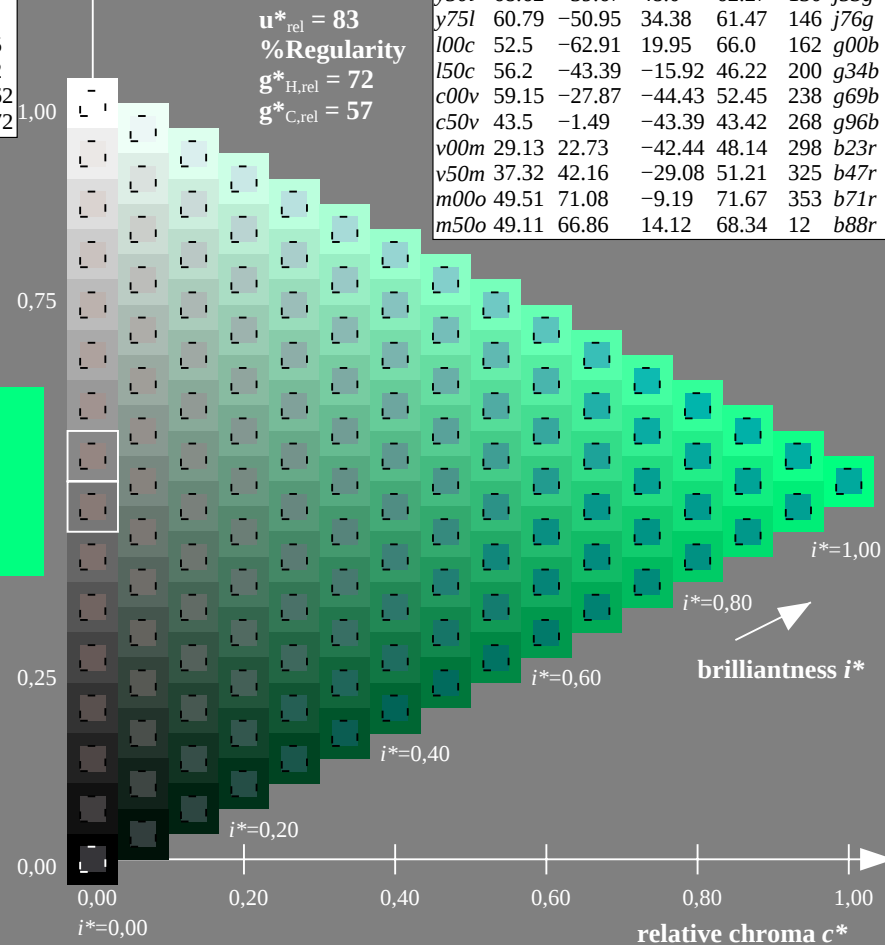
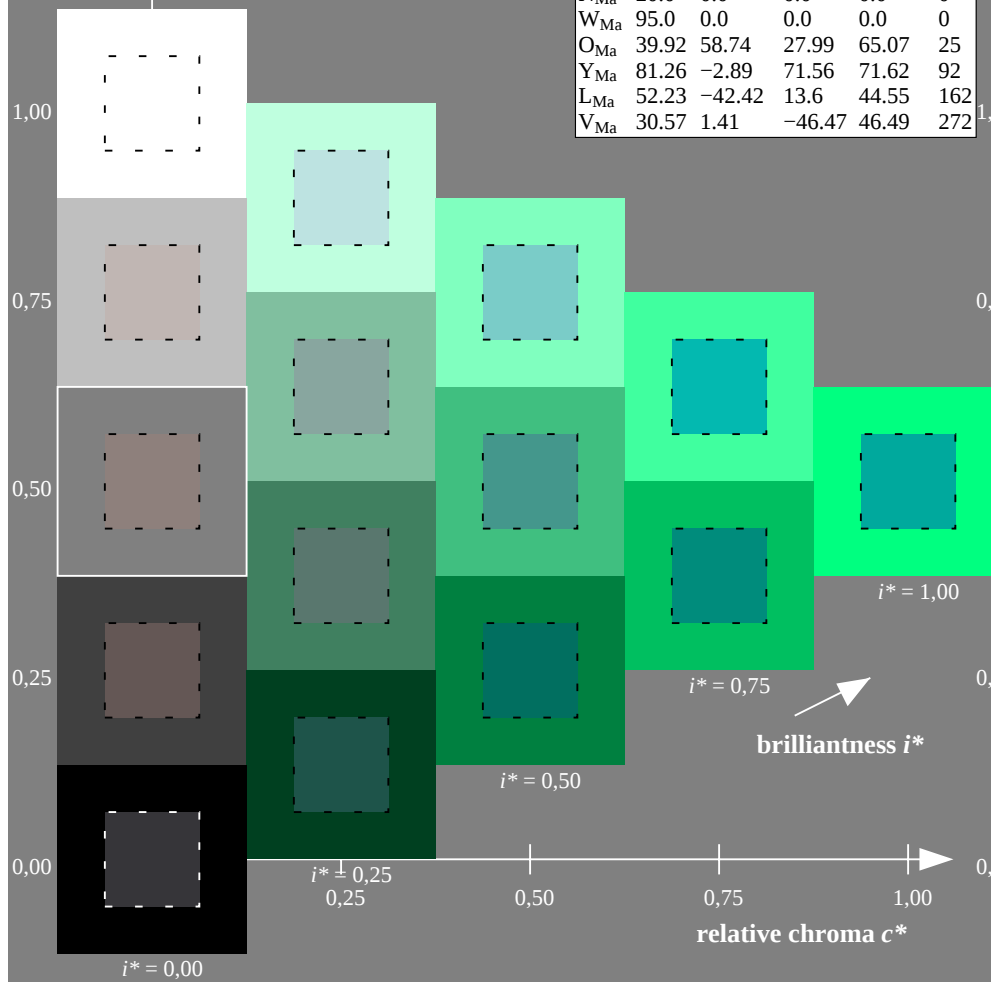
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.661$
data for any colour:

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

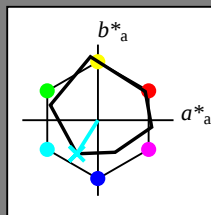
Hue texts:

$u^*_d = c00v$ $u^*_e = g69b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 59 -28 -44

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 59 52 237

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.0 0.62 1.0

triangle lightness t^*

%Gamut

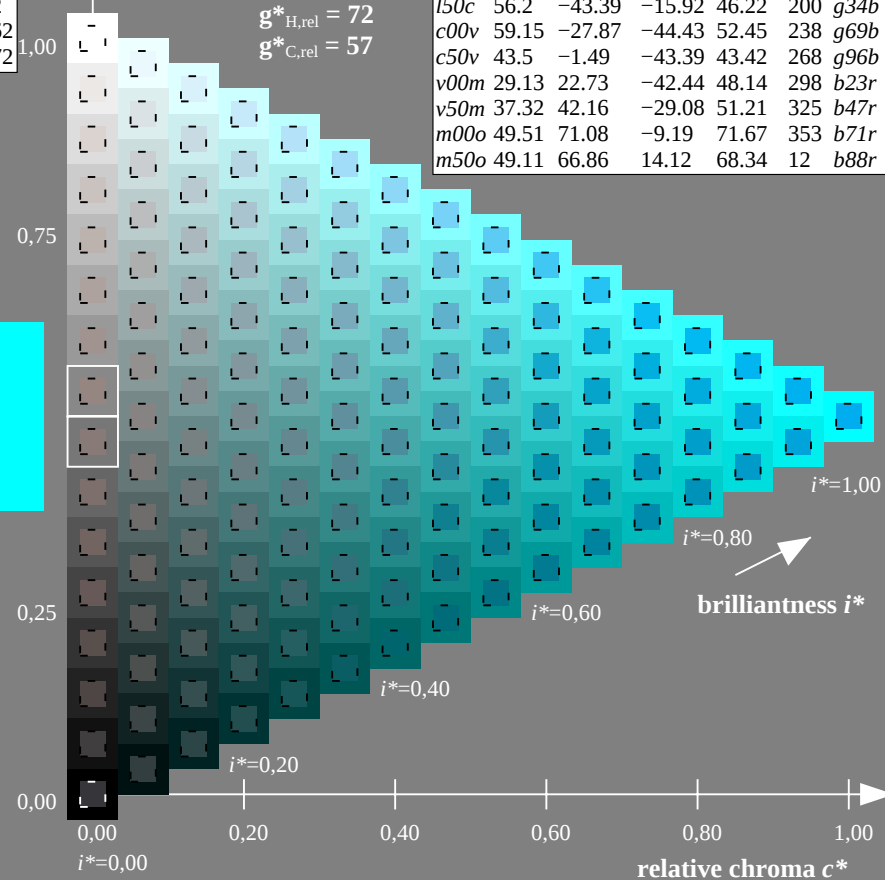
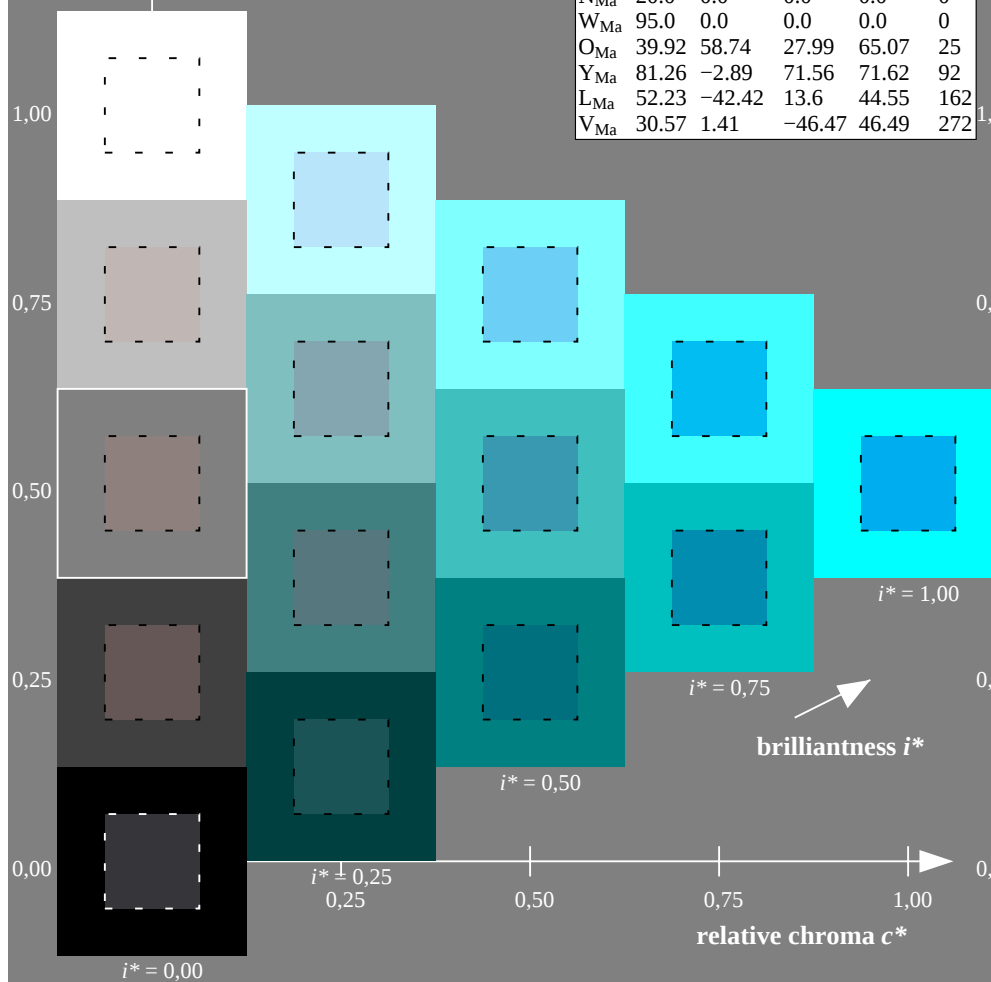
$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$

data for any colour:

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

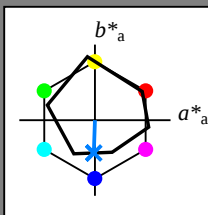
Hue texts:

$u^*_d = c50v$ $u^*_e = g96b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 43 -1 -43

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 43 43 268

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.0 0.07 1.0

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 83$

% Regularity

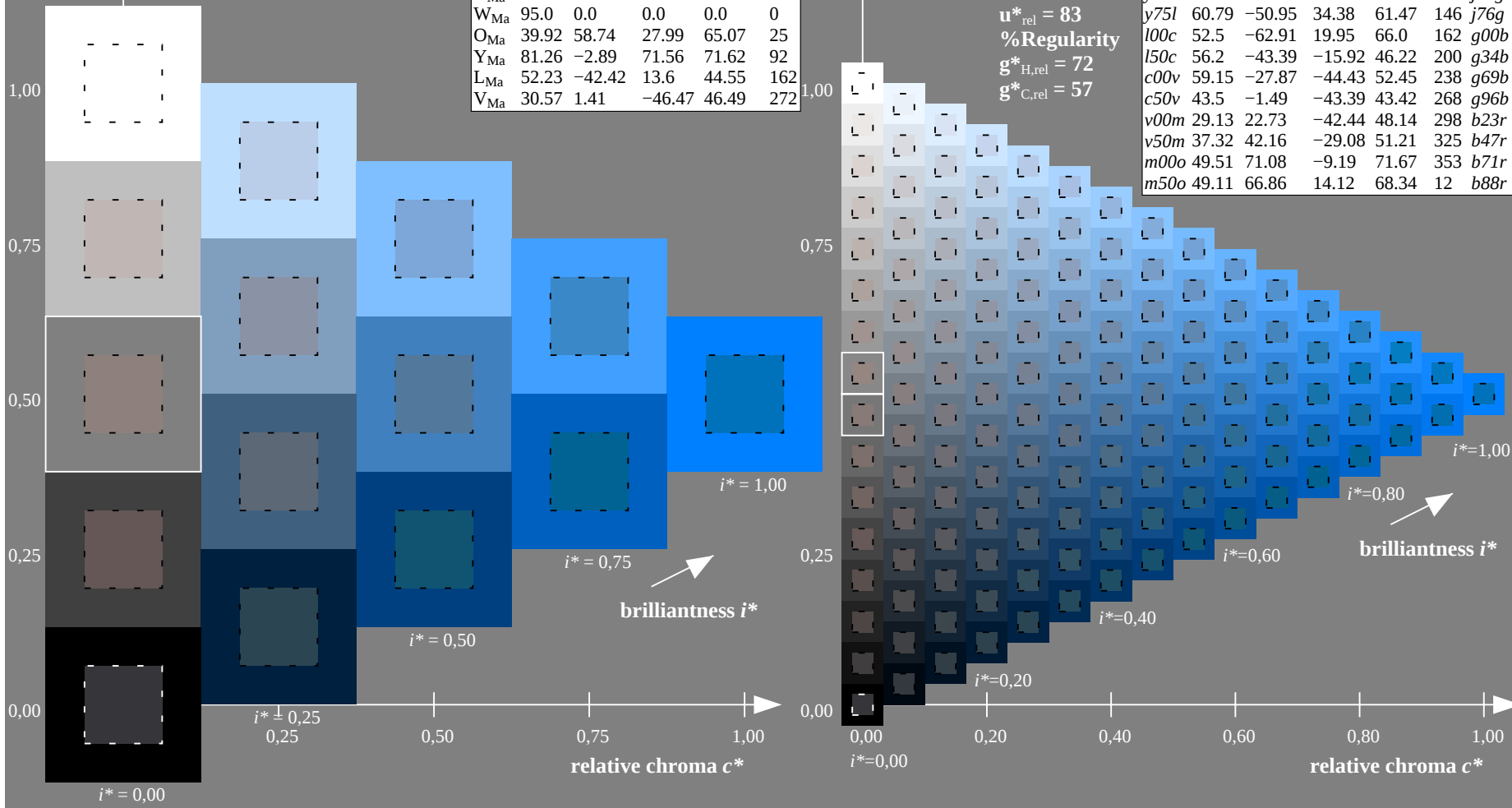
$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = c50v$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

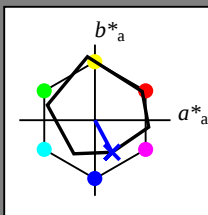
Hue texts:

$u^*_d = v00m$ $u^*_e = b23r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 29 23 -42

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 29 48 298

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

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

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

%Regularity

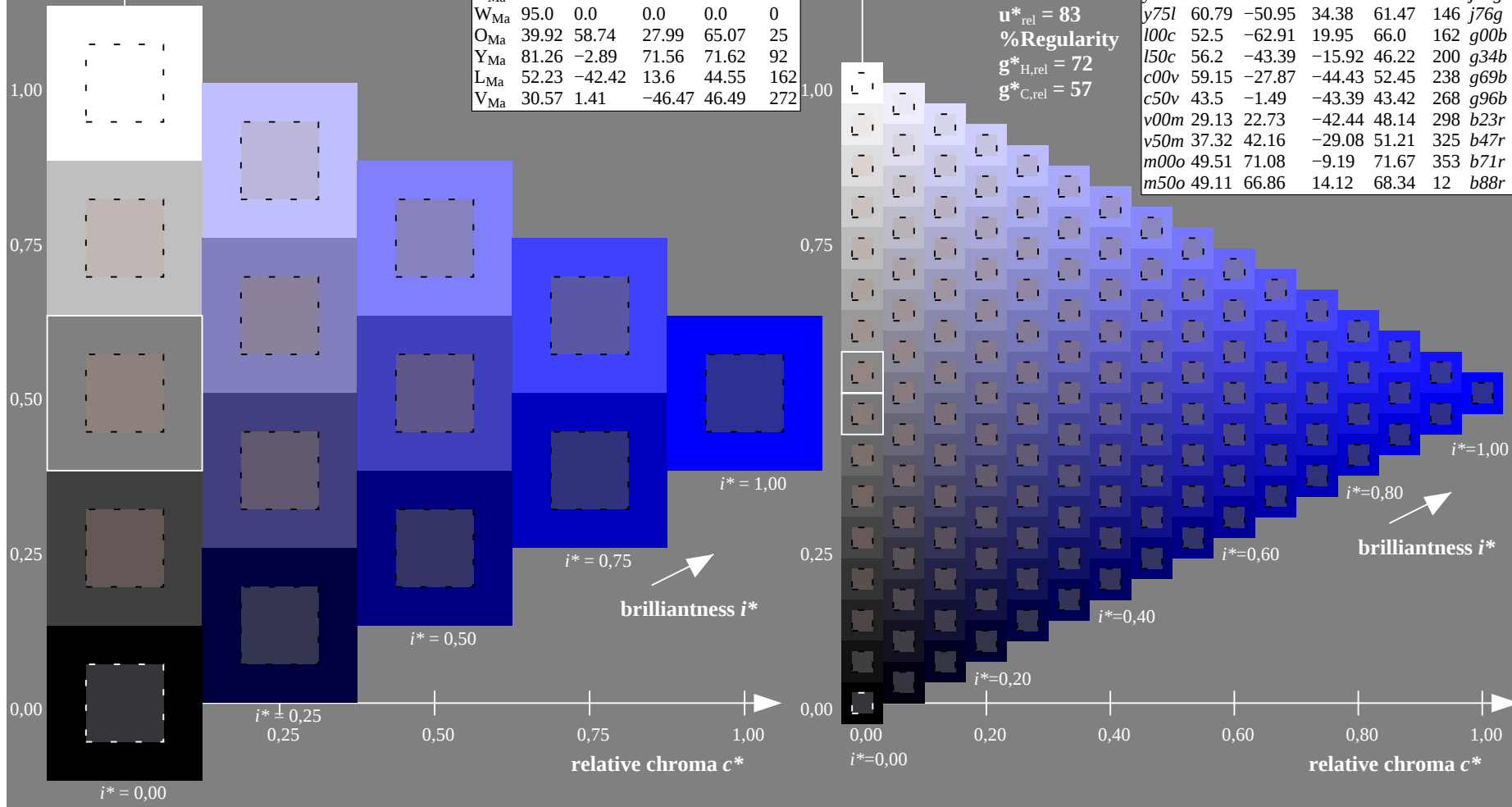
$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v00m$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$
data for any colour:

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

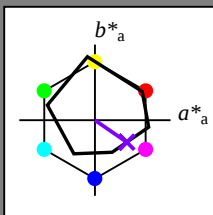
Hue texts:

$u^*_d = v50m$ $u^*_e = b47r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 37 42 -29

$LAB^*LCH^*_{Ma}$: 37 51 325

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

$lab^*rgb^*_{Ma}$: 0.94 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

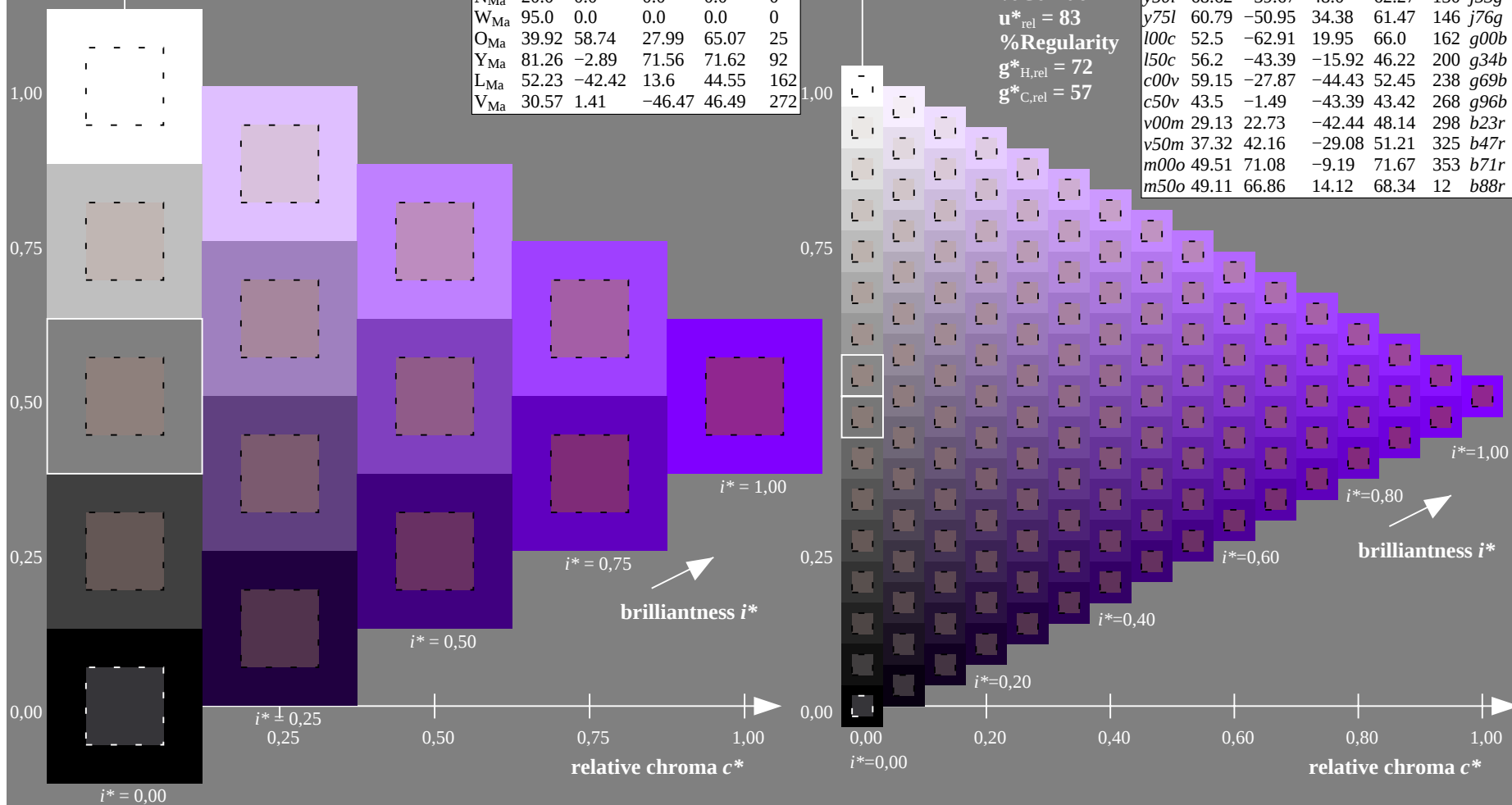
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v50m$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$
data for any colour:

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

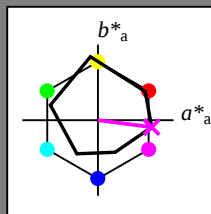
Hue texts:

$u^*_d = m00o$ $u^*_e = b71r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 71 -9

$LAB^*LCH^*_{Ma}$: 50 72 352

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

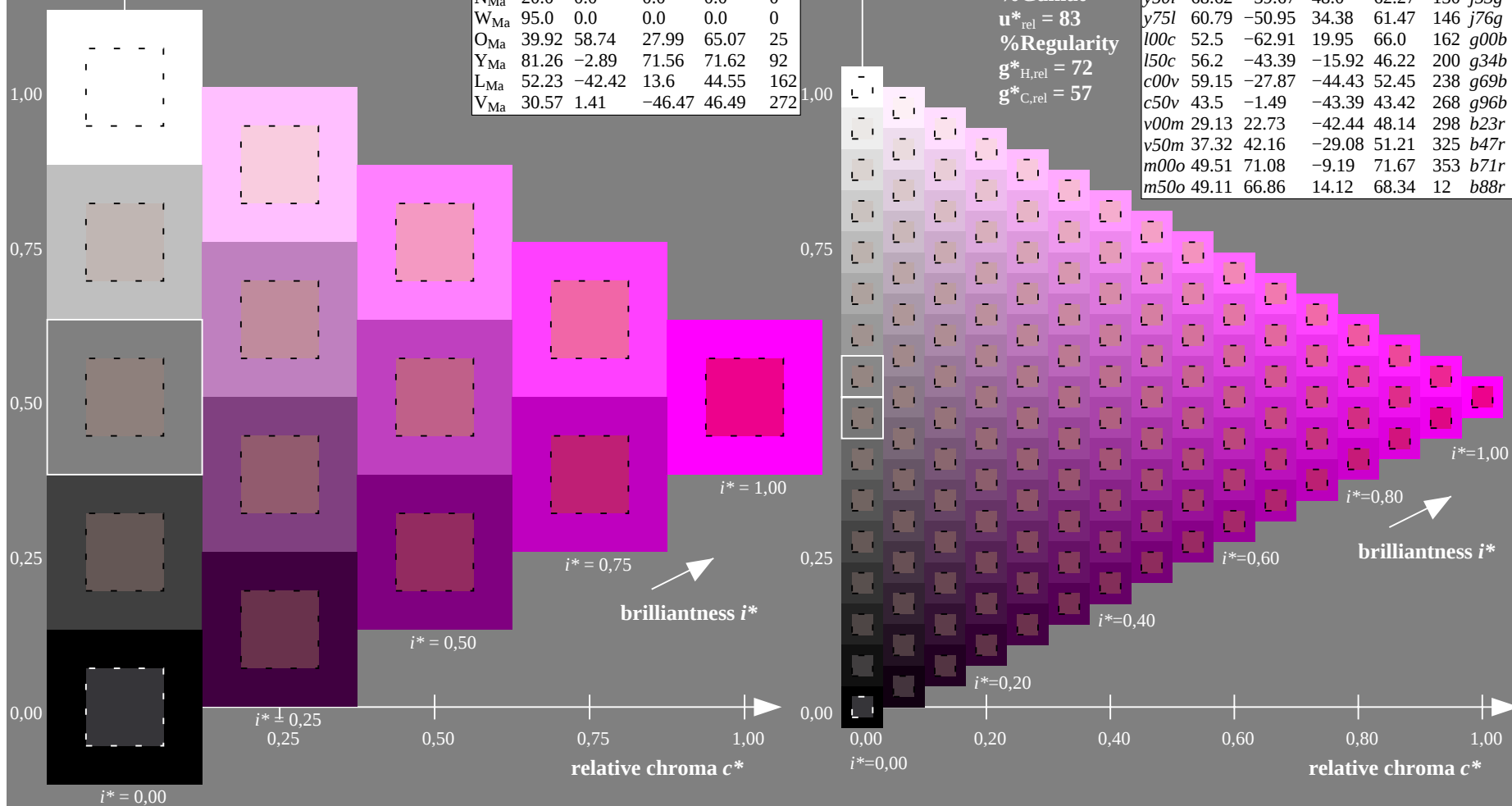
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m00o$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

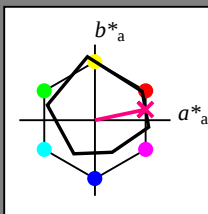
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 67 14

$LAB^*LCH^*_{Ma}$: 49 68 11

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.24

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

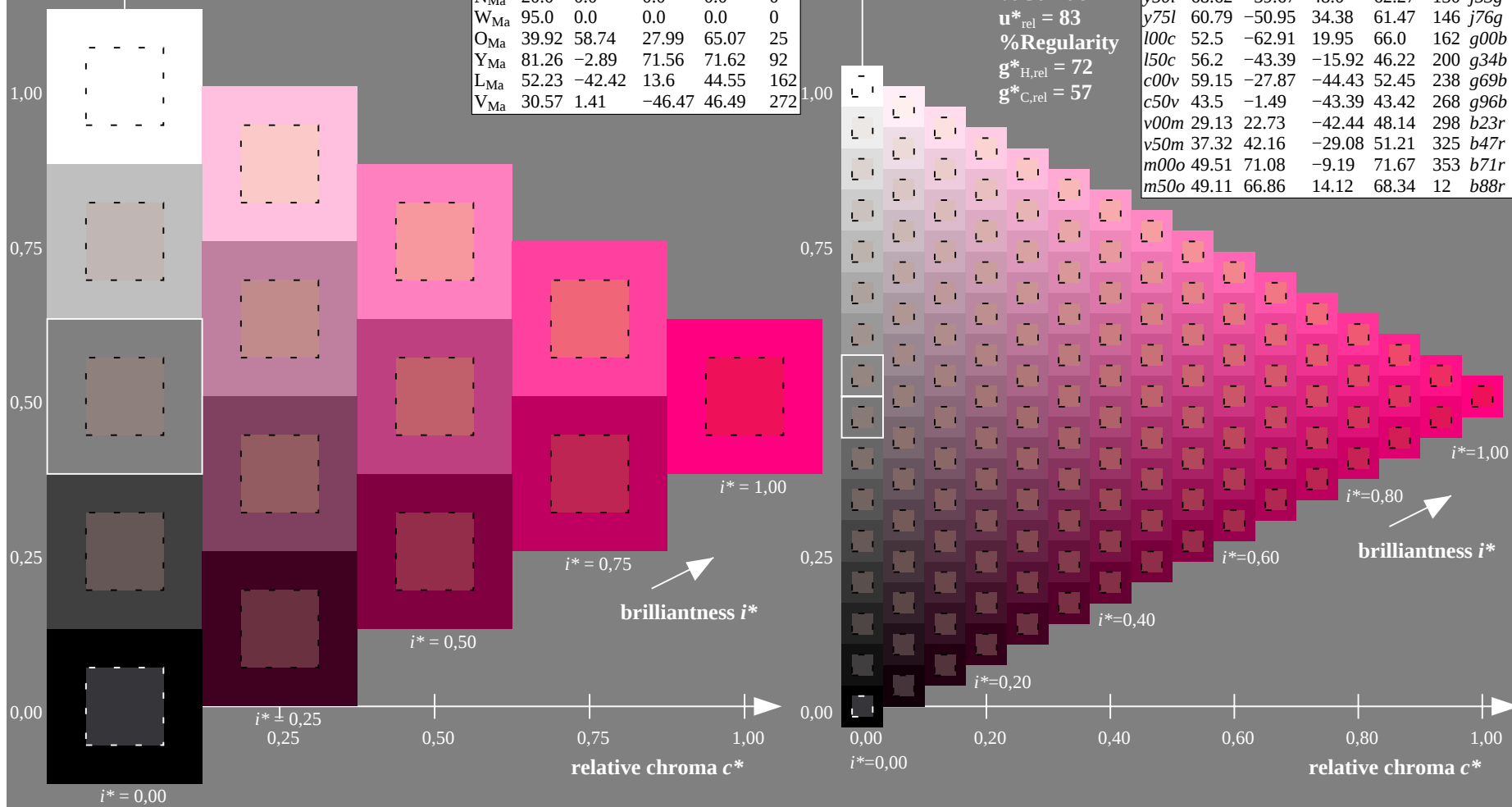
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

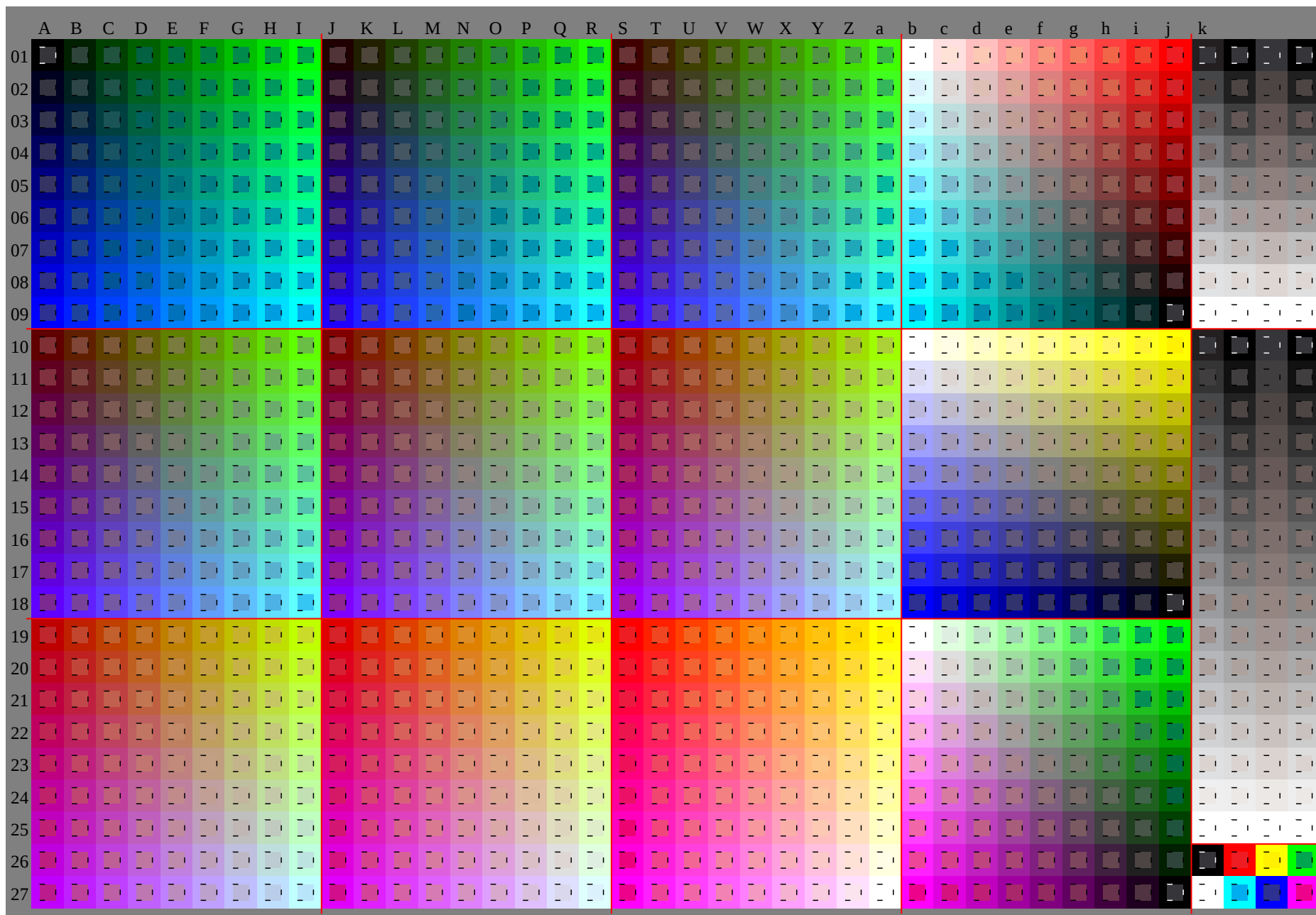
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m50o$



See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de/Ee45/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

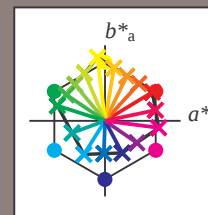


Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15
device hue text:
 $u^*_d = 16$ hues $o00y, o25y, \dots, m50o$
contrast reduction factor:
 $c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut

$u^*_{rel} = 83$

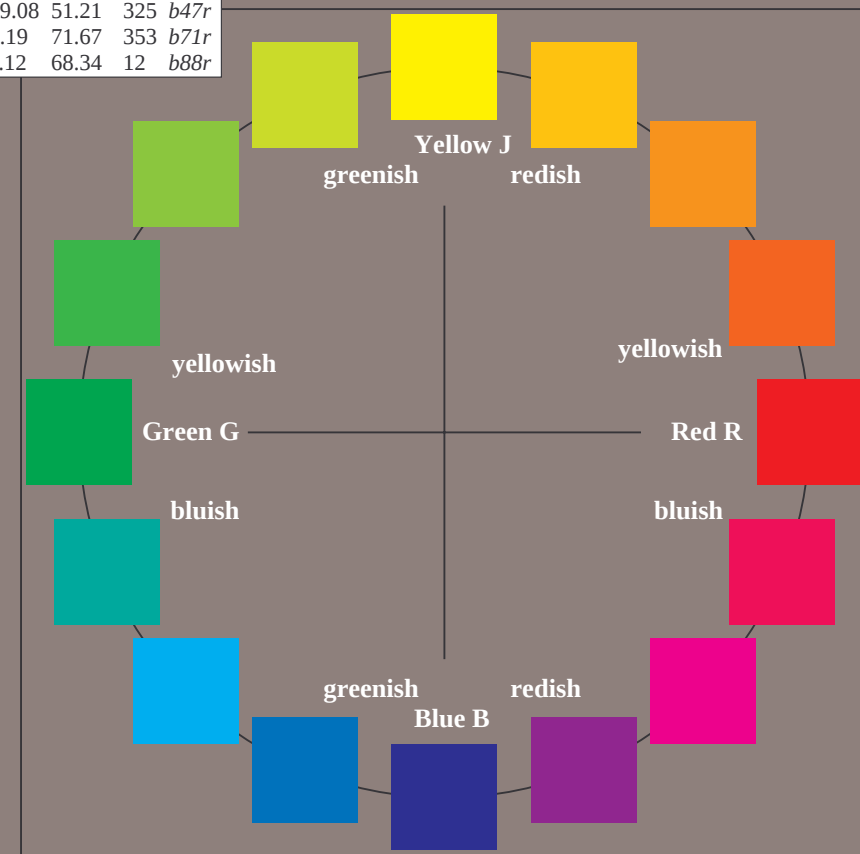
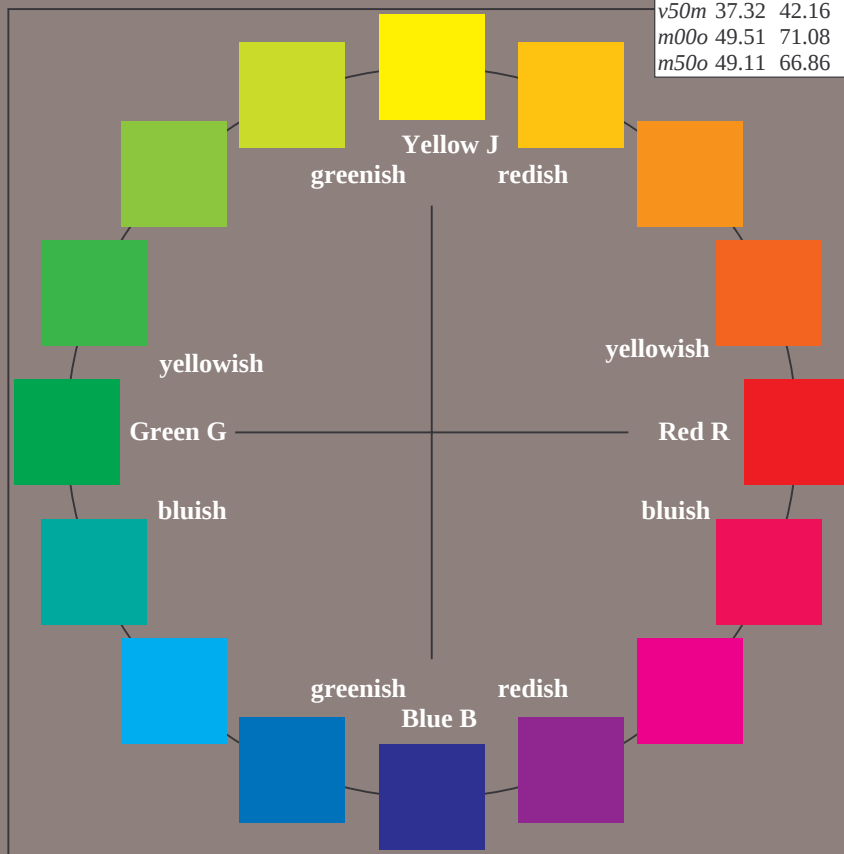
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

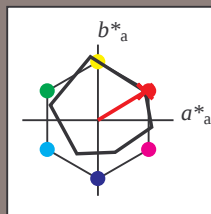
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 49 63 38

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 49 73 31

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 1.0 0.09 0.0

triangle lightness t^*

%Gamut

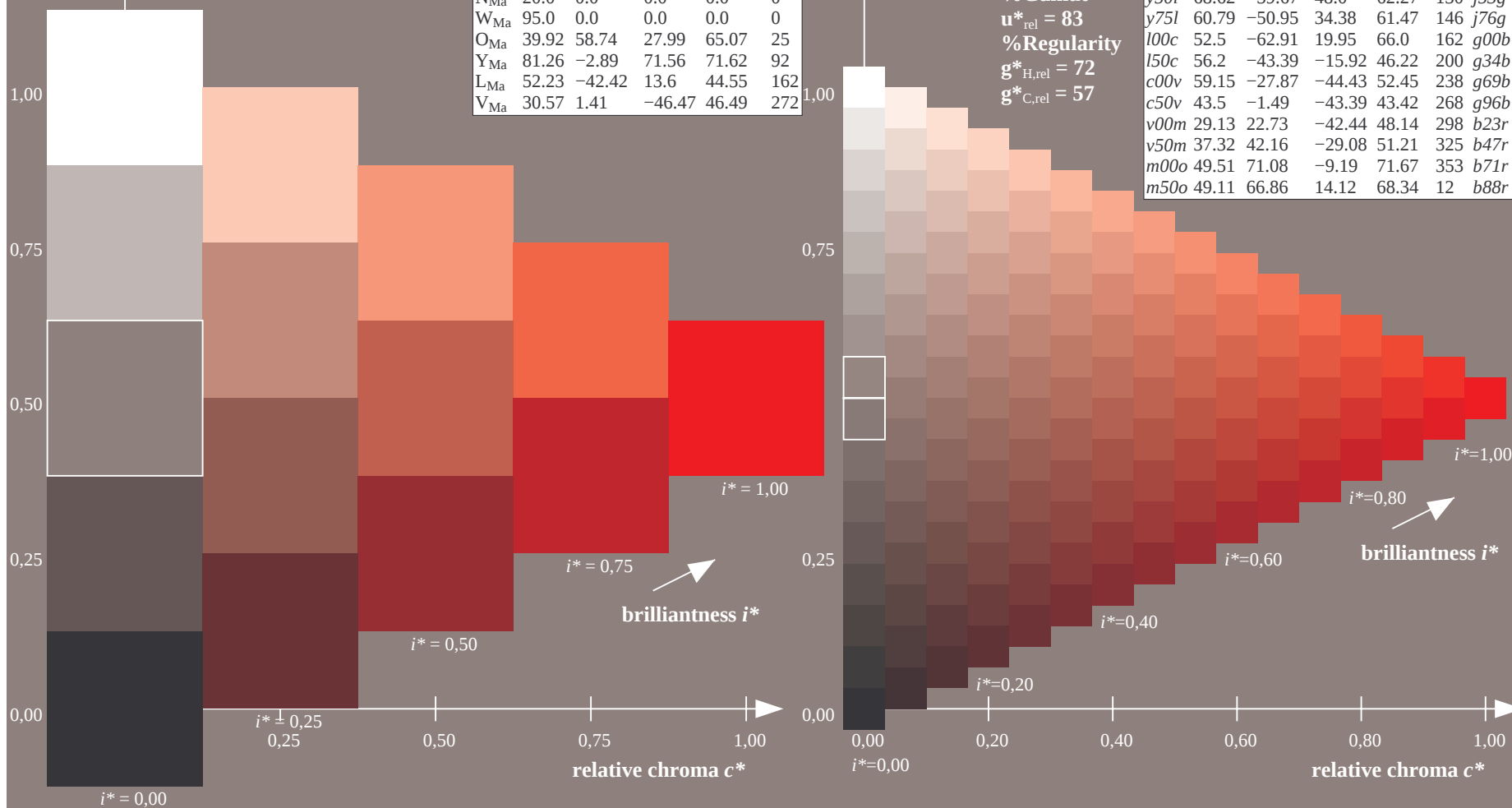
$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:

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

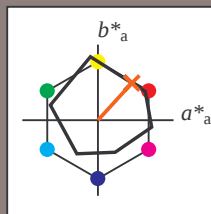
Hue texts:

$u^*_d = o25y$ $u^*_e = r33j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 45 49

$LAB^*LCH^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

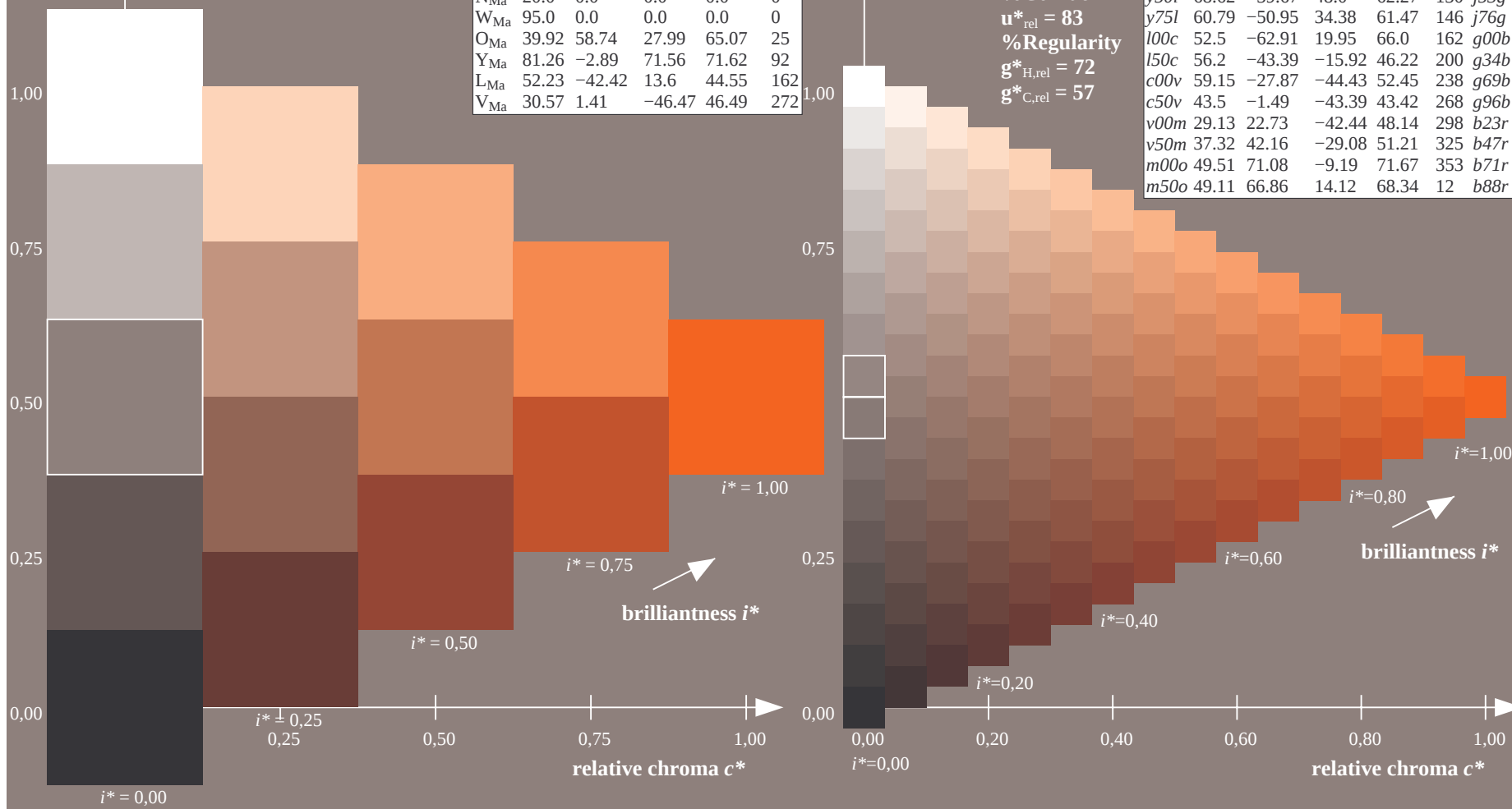
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$
data for any colour:

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

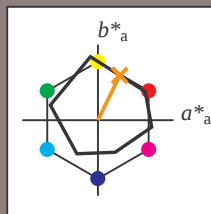
Hue texts:

$u^*_d = o50y$ $u^*_e = r57j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 68 29 59

$LAB^*LCH^*_{Ma}$: 68 66 63

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

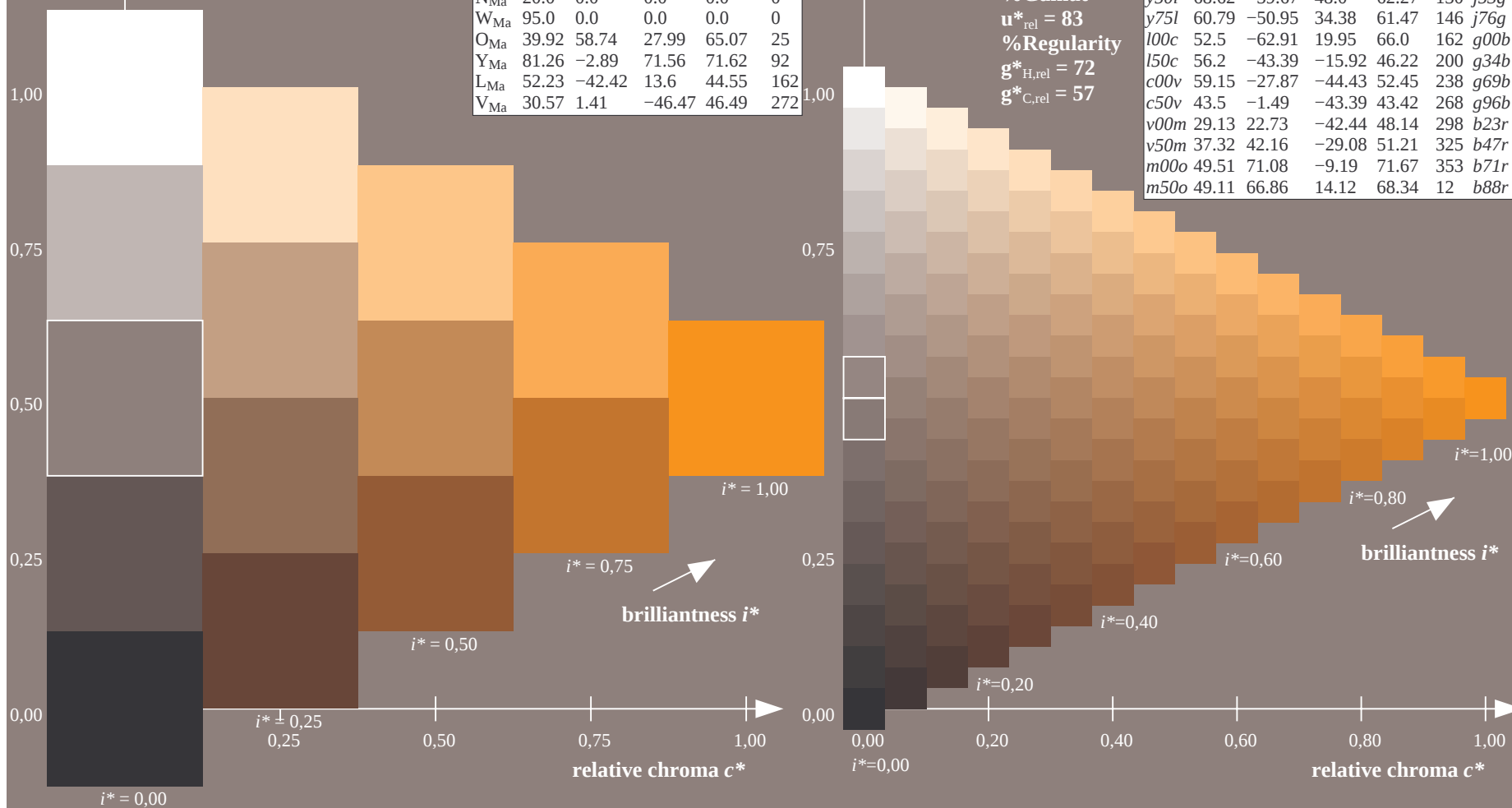
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$
data for any colour:

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

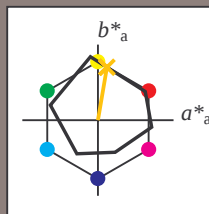
Hue texts:

$u^*_d = o75y$ $u^*_e = r81j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 12 70

$LAB^*LCH^*_{Ma}$: 77 71 80

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

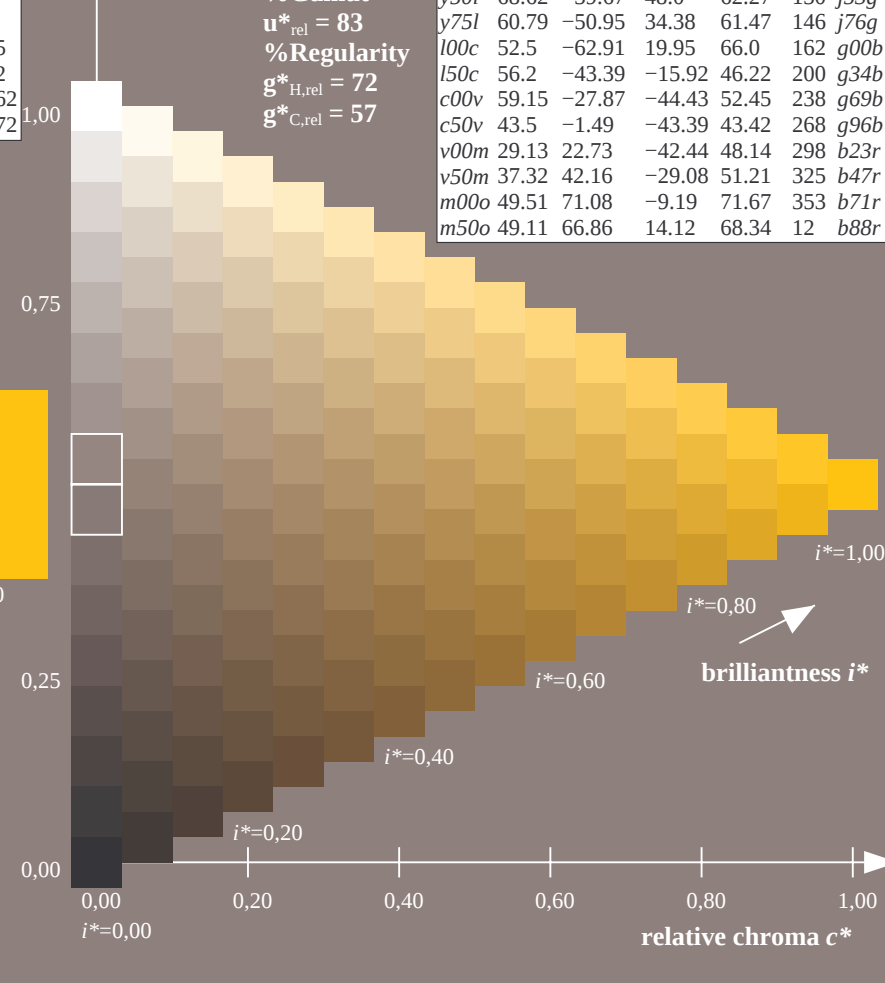
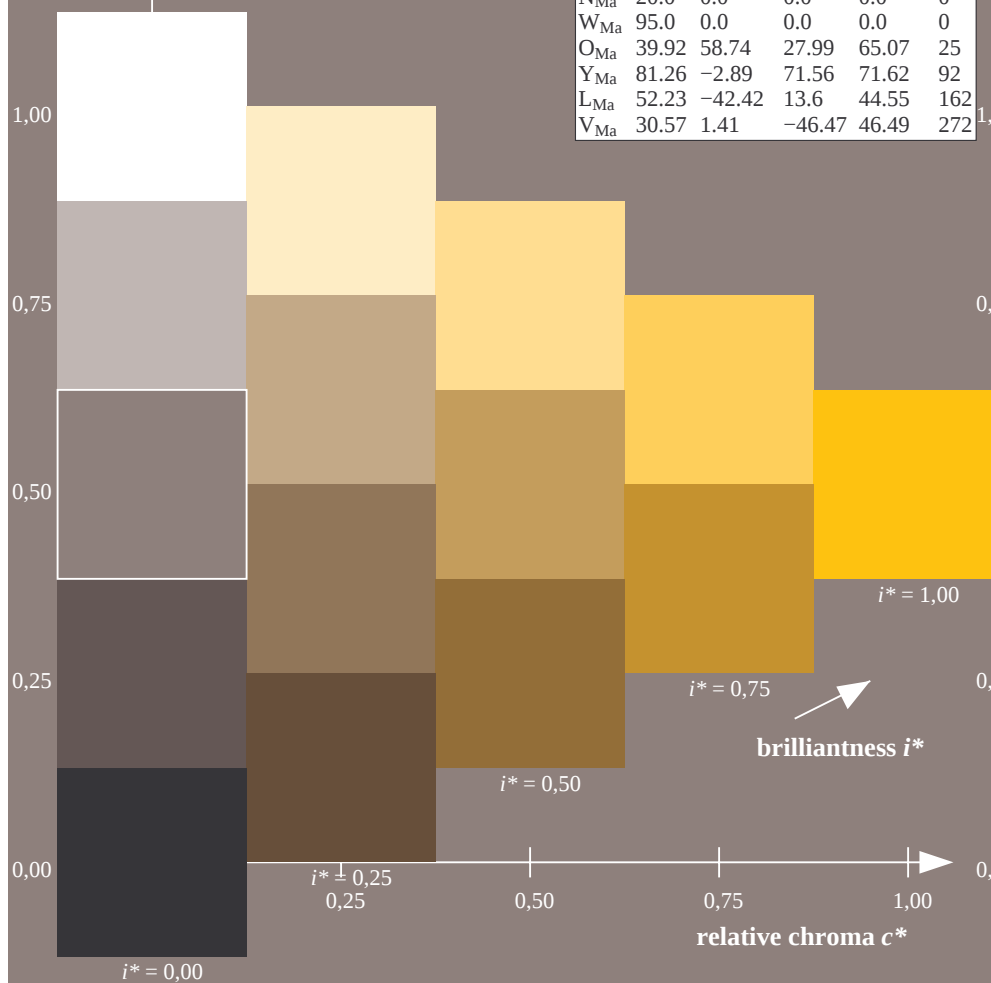
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$
data for any colour:

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

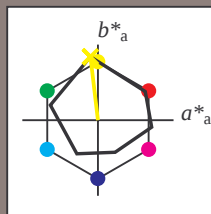
Hue texts:

$u^*_d = y00l$ $u^*_e = j06g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 89 -10 84

$LAB^*LCH^*_{Ma}$: 89 84 96

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

$lab^*rgb^*_{Ma}$: 0.94 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

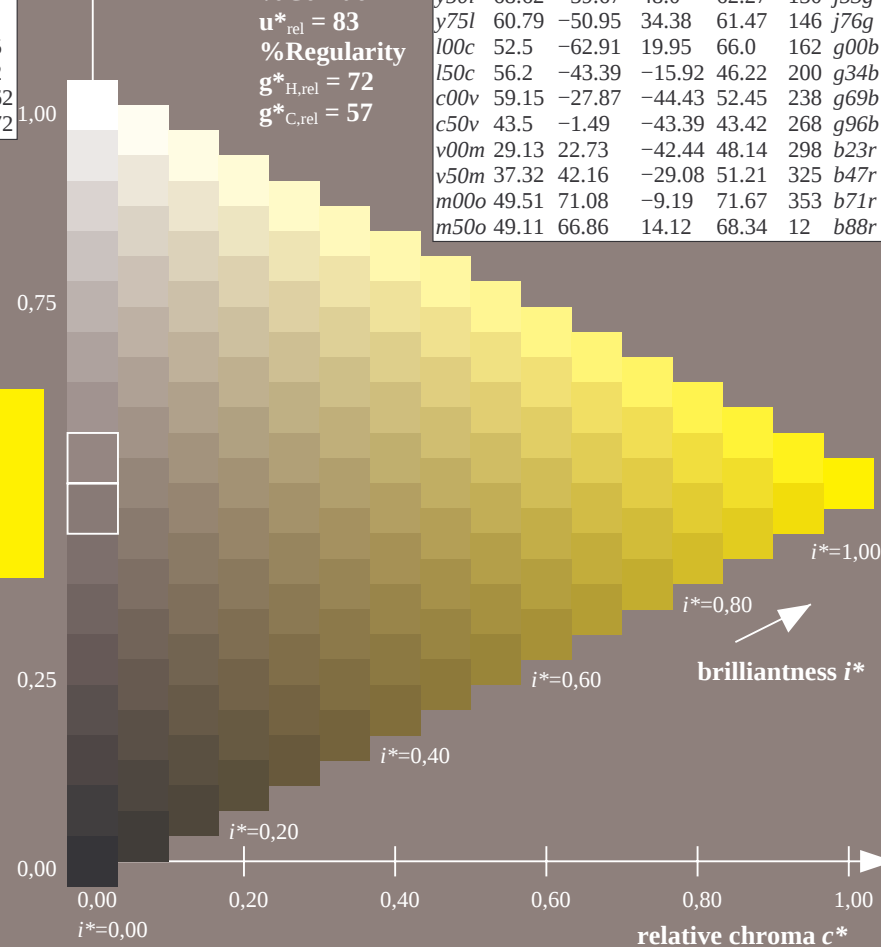
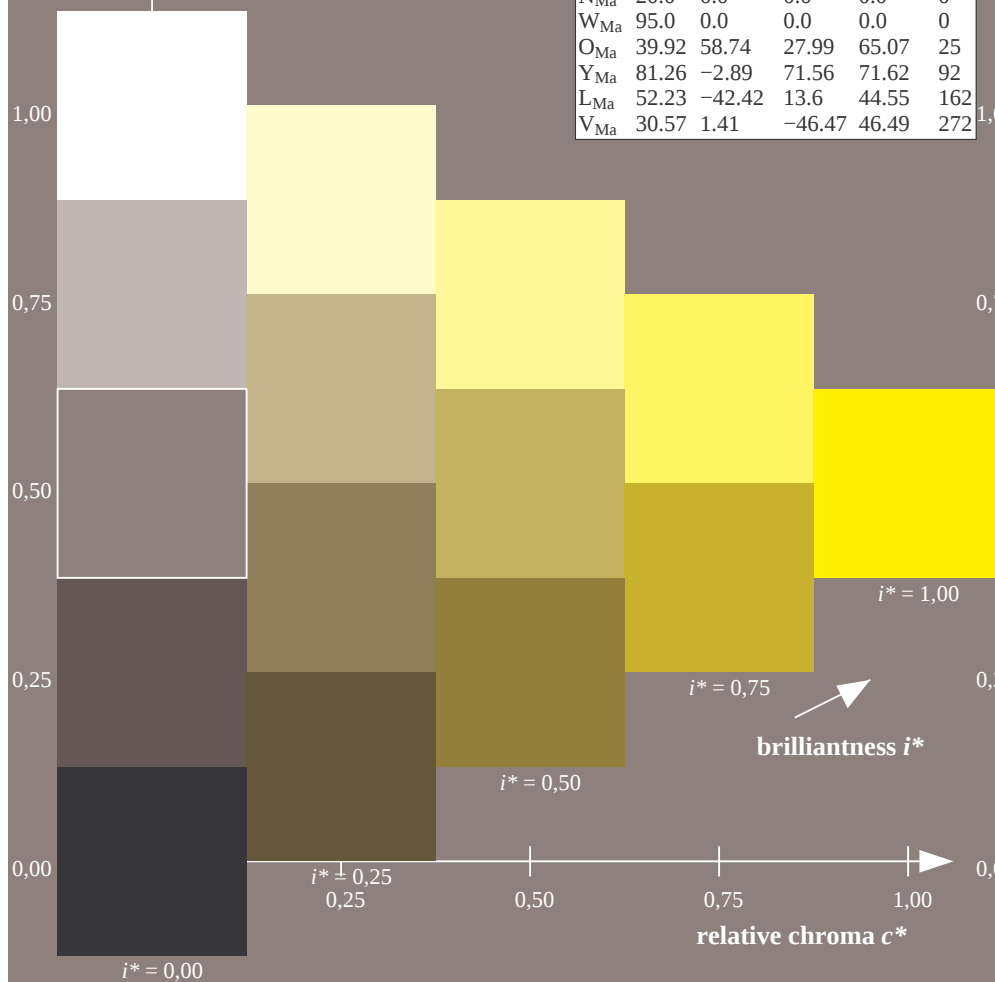
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y00l$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$
data for any colour:

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

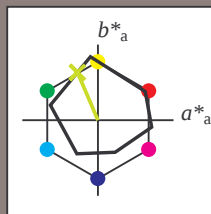
Hue texts:

$u^*_d = y25l$ $u^*_e = j30g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 -27 63

$LAB^*LCH^*_{Ma}$: 77 69 113

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

$lab^*rgb^*_{Ma}$: 0.7 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

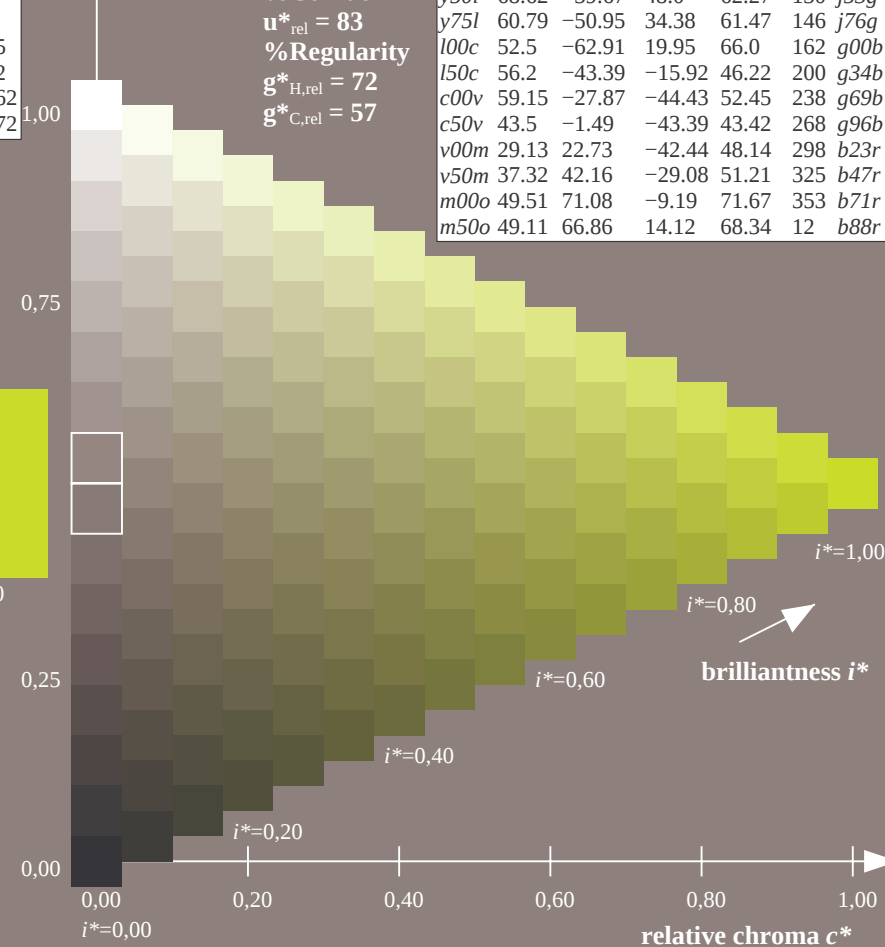
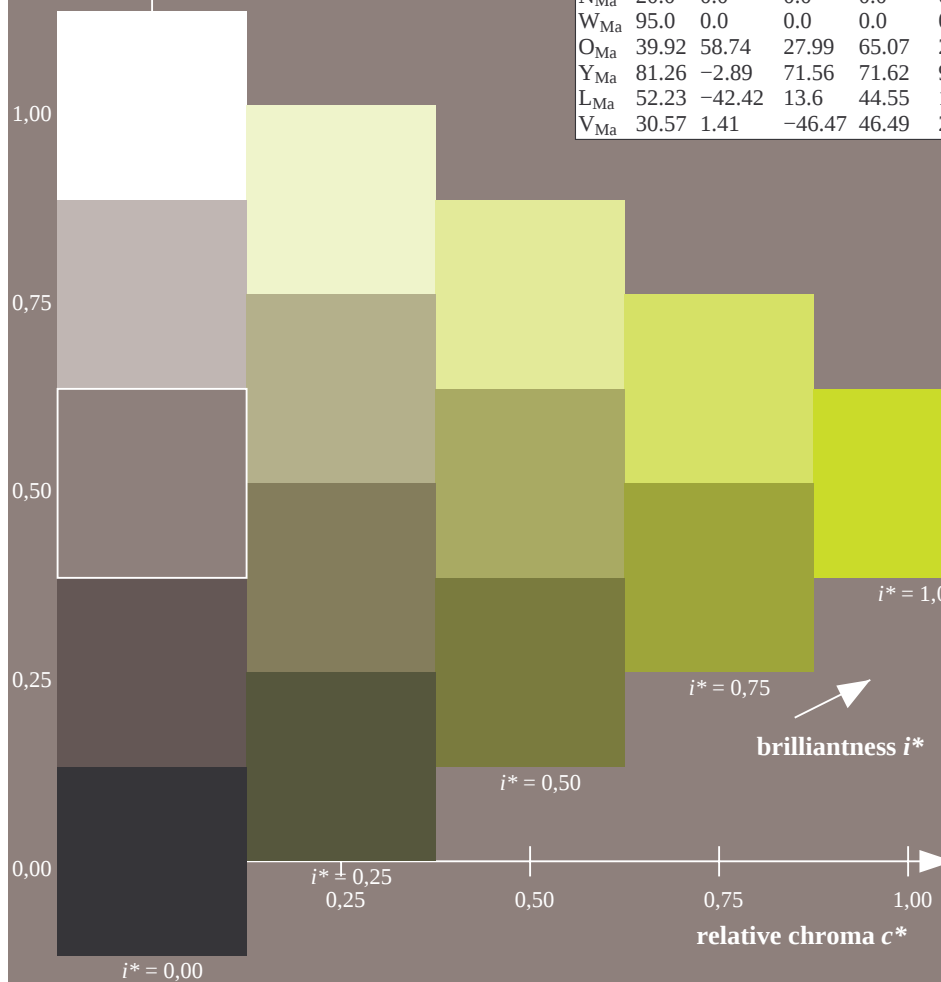
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$
data for any colour:

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

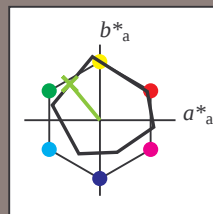
Hue texts:

$u^*_d = y50l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 69 -40 48

$LAB^*LCH^*_{Ma}$: 69 62 129

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

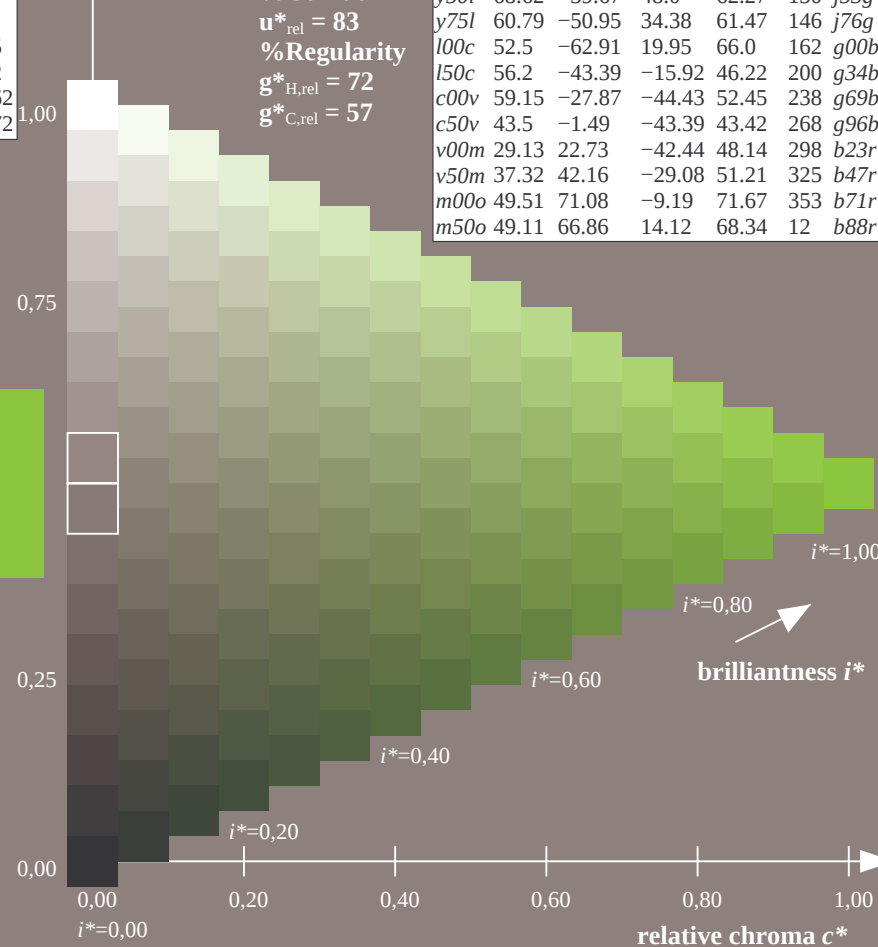
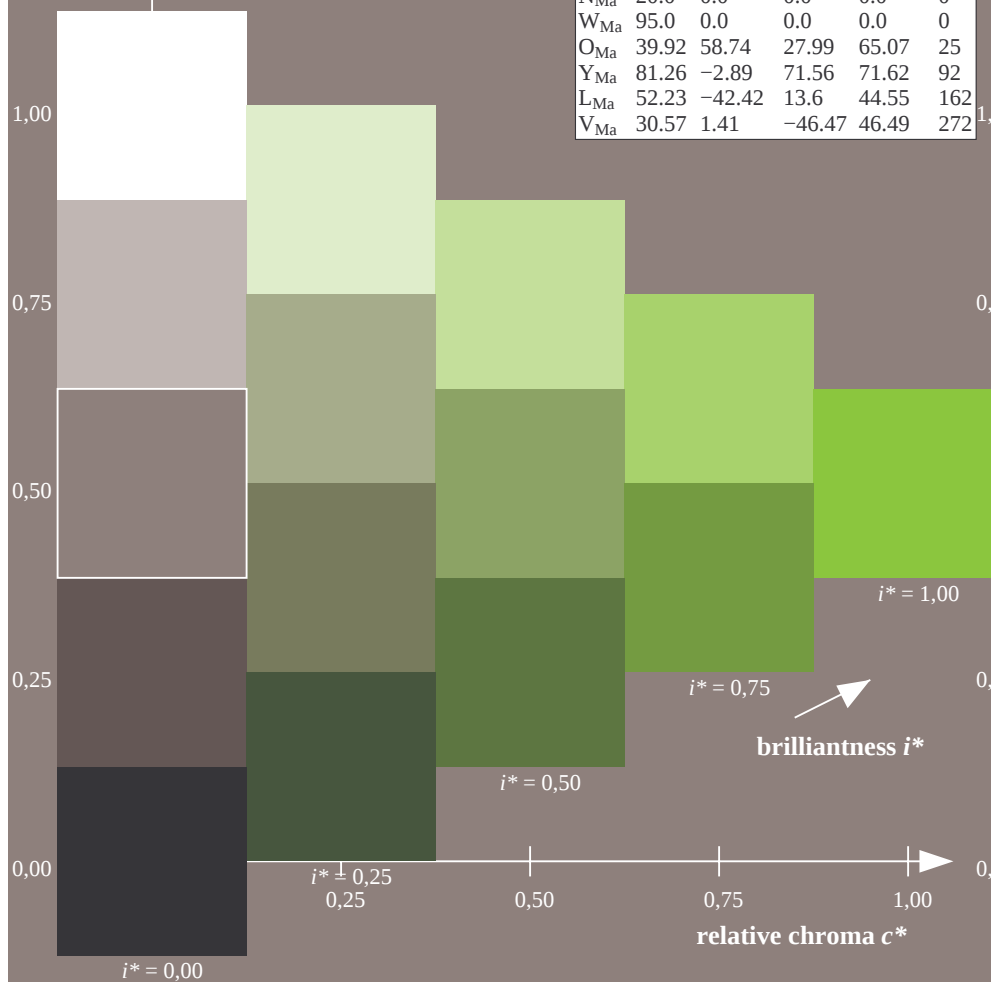
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$
data for any colour:

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

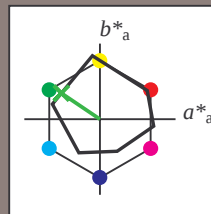
Hue texts:

$u^*_d = y75l$ $u^*_e = j76g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 61 -51 34

$LAB^*LCH^*_{Ma}$: 61 61 145

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

$lab^*rgb^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

%Gamut

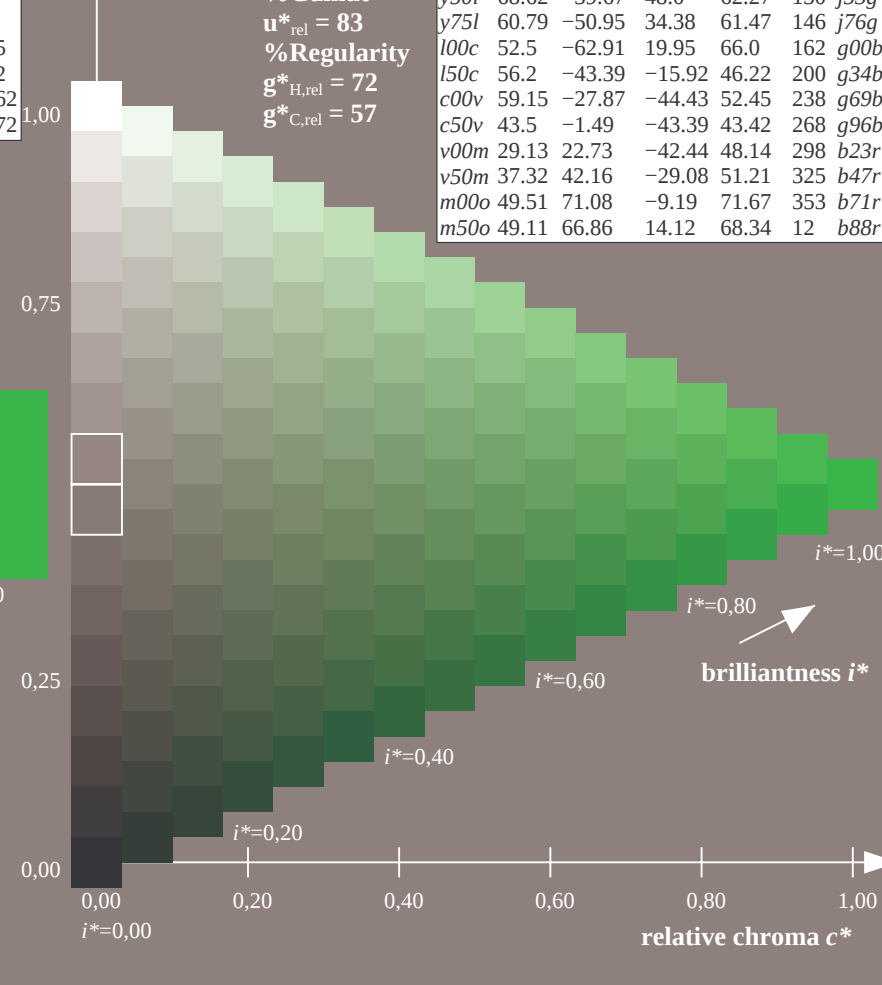
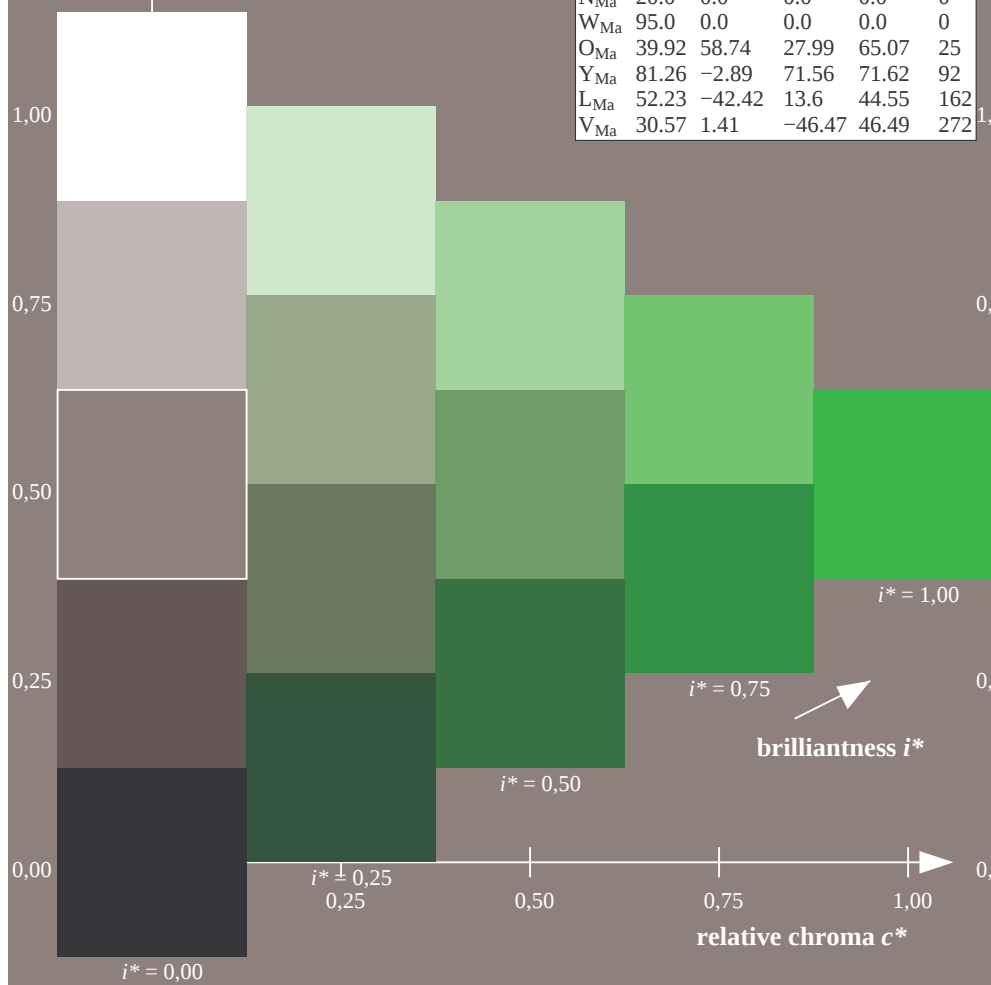
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

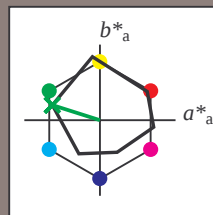
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 100c$ $u^*_e = g00b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -63 20

$LAB^*LCH^*_{Ma}$: 52 66 162

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

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

triangle lightness t^*

%Gamut

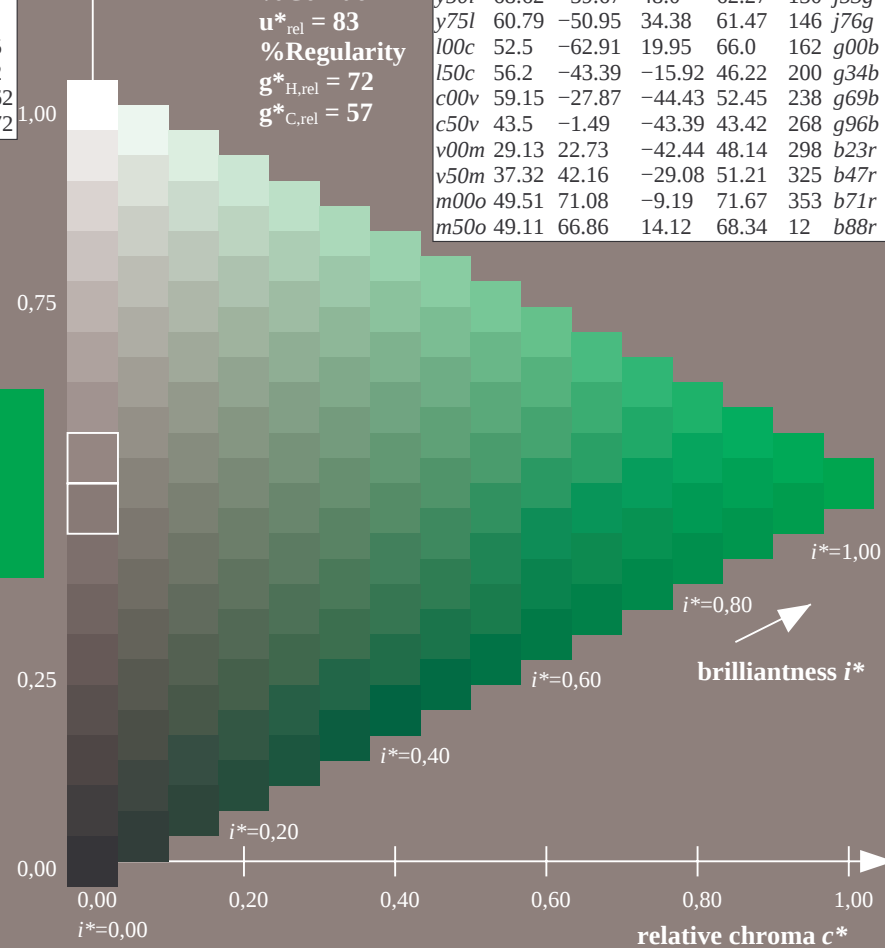
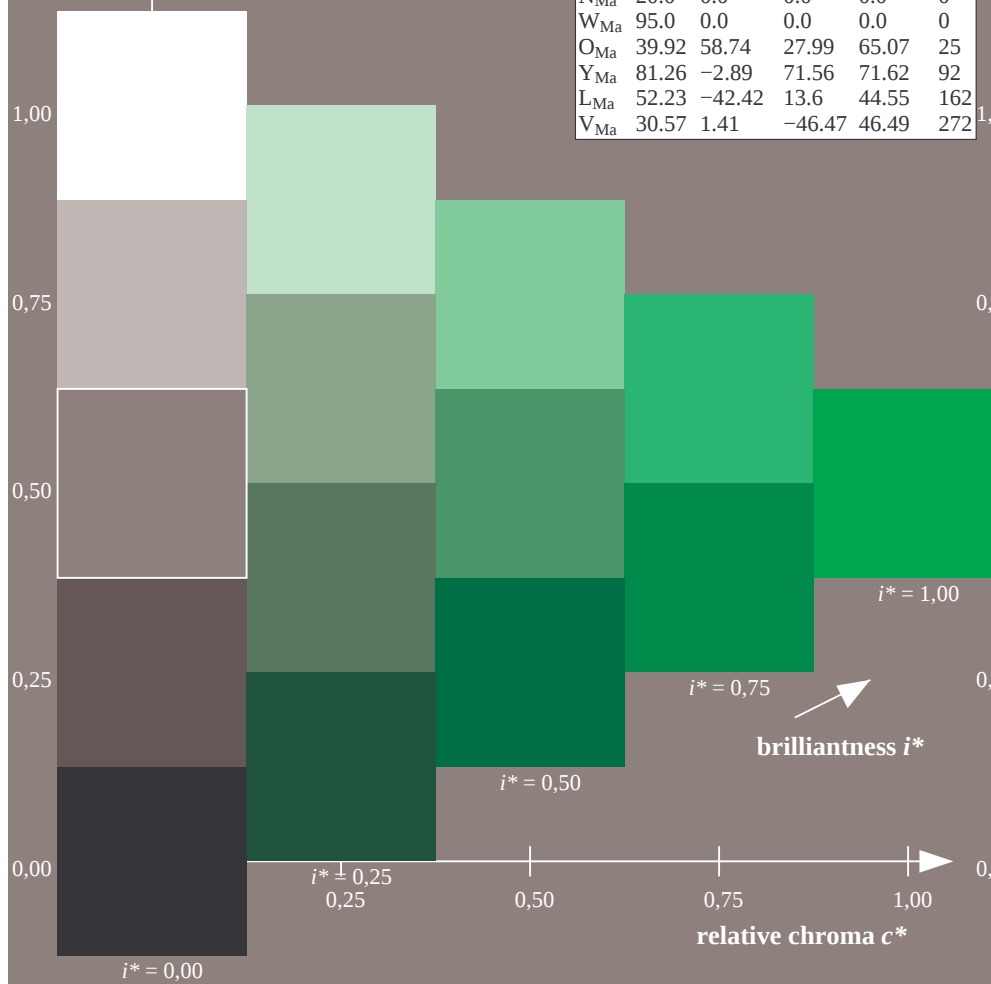
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

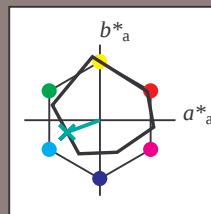
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -43 -16

$LAB^*LCH^*_{Ma}$: 56 46 200

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

%Gamut

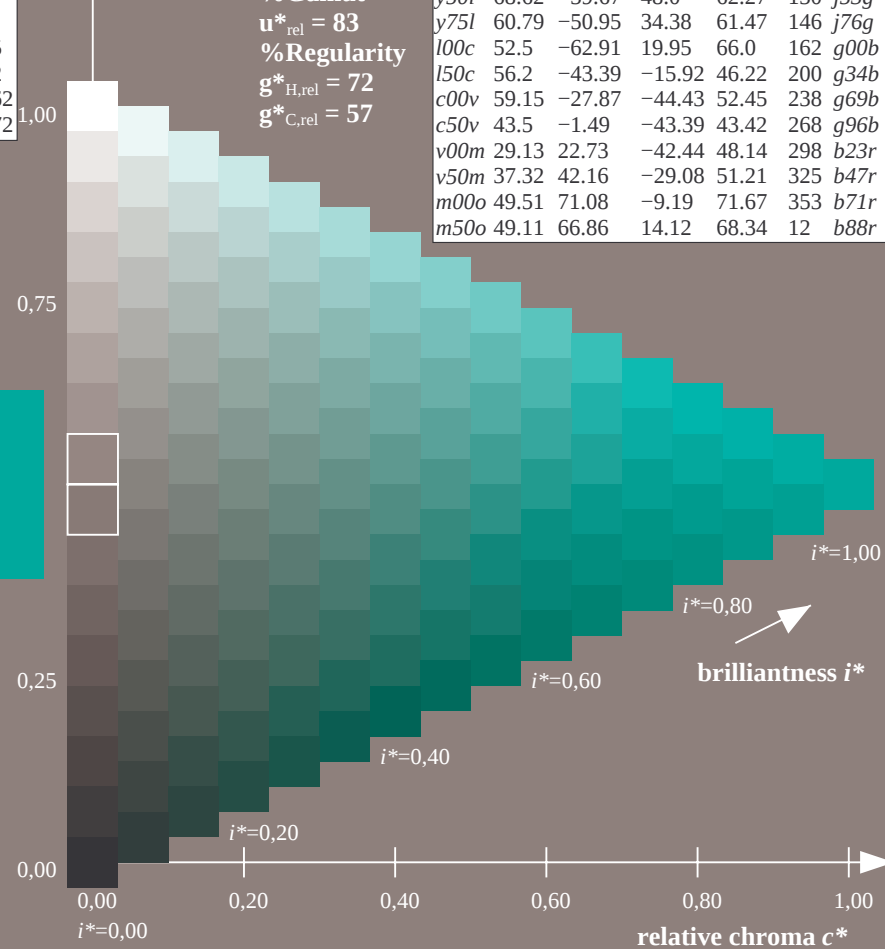
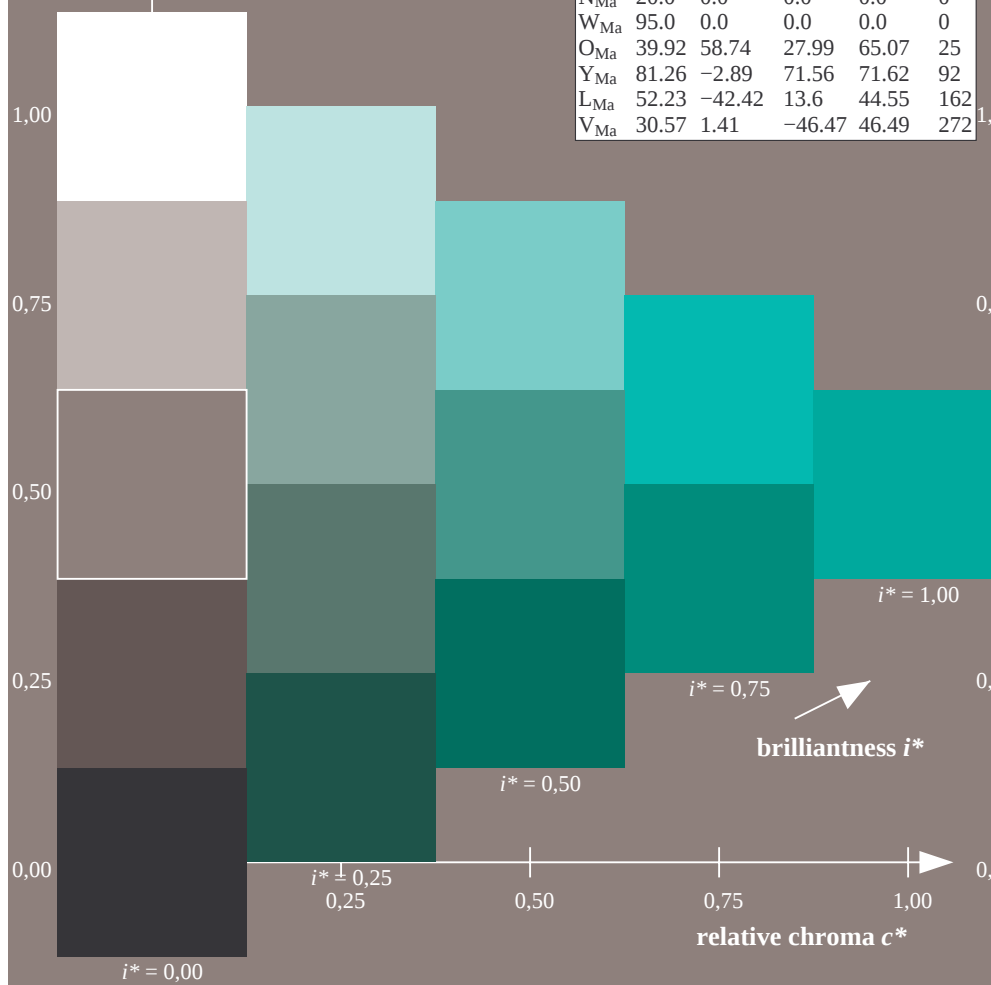
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$
data for any colour:

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

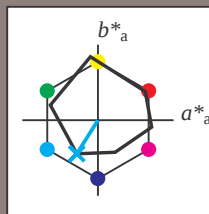
Hue texts:

$u^*_d = c00v$ $u^*_e = g69b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 -28 -44

$LAB^*LCH^*_{Ma}$: 59 52 237

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

$lab^*rgb^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

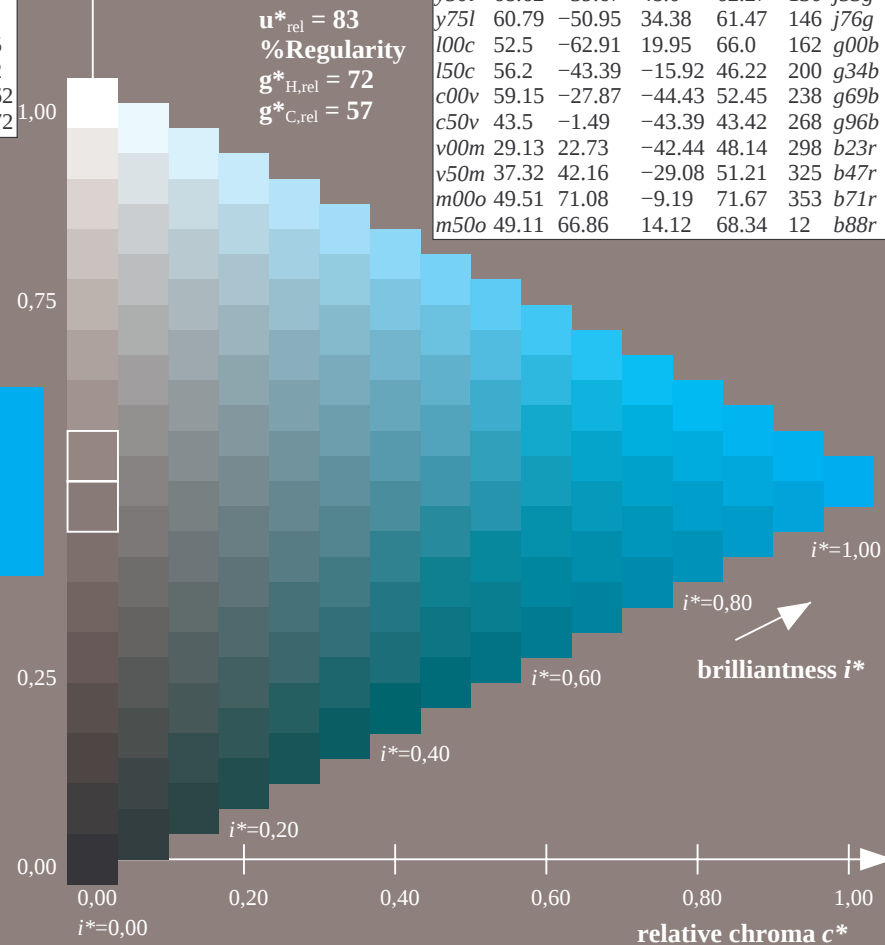
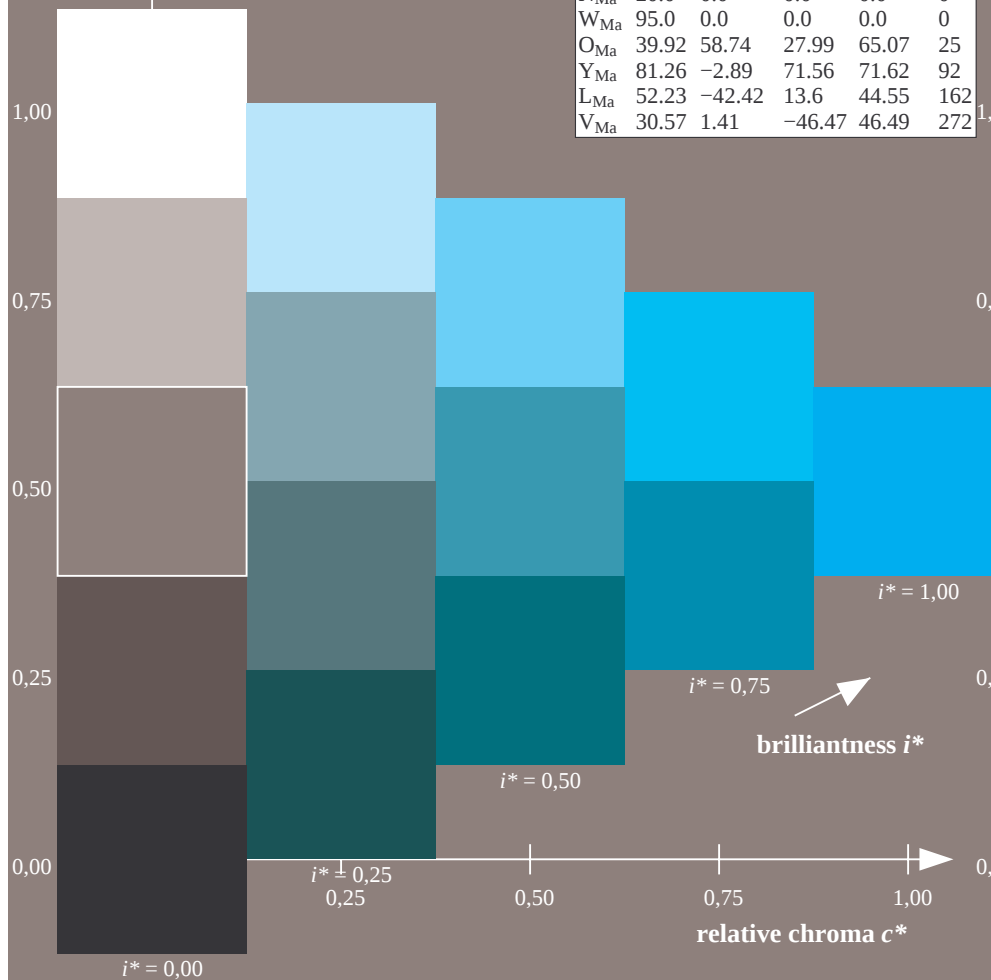
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$
data for any colour:

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

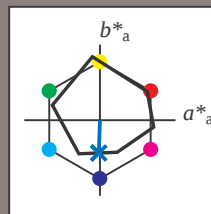
Hue texts:

$u^*_d = c50v$ $u^*_e = g96b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 43 -1 -43

$\text{LAB}^*\text{LCH}^*_{Ma}$: 43 43 268

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.07 1.0

triangle lightness t^*

%Gamut

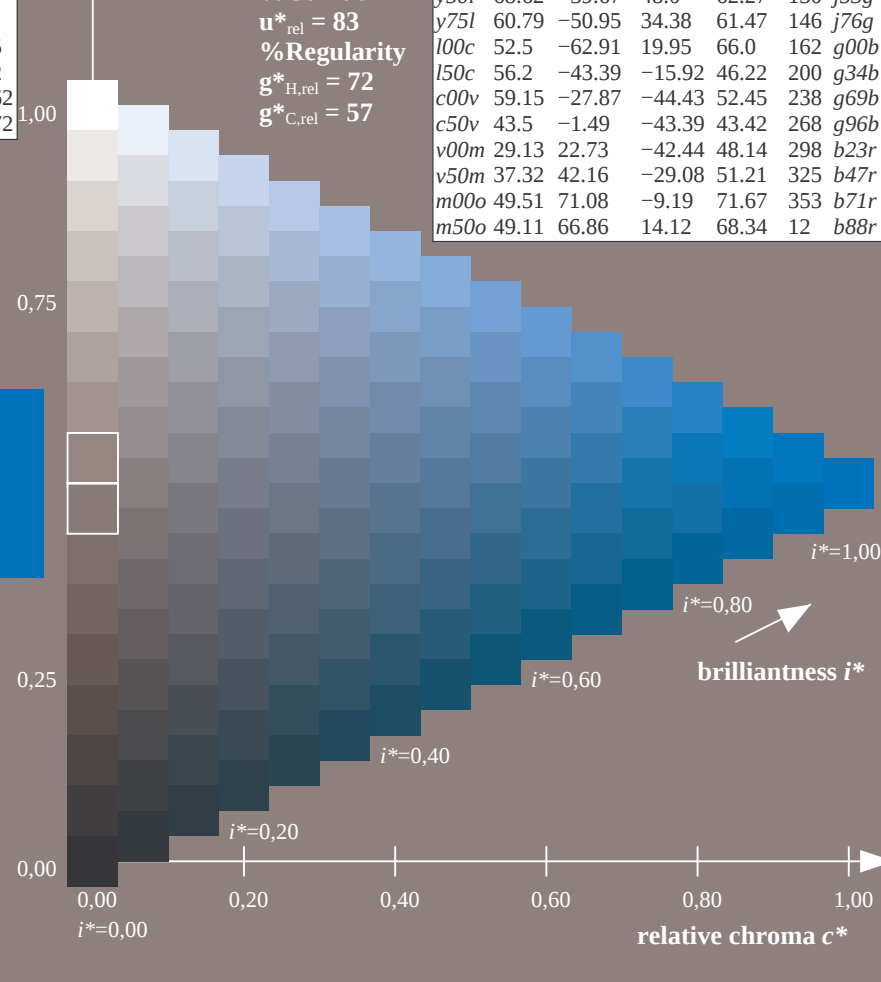
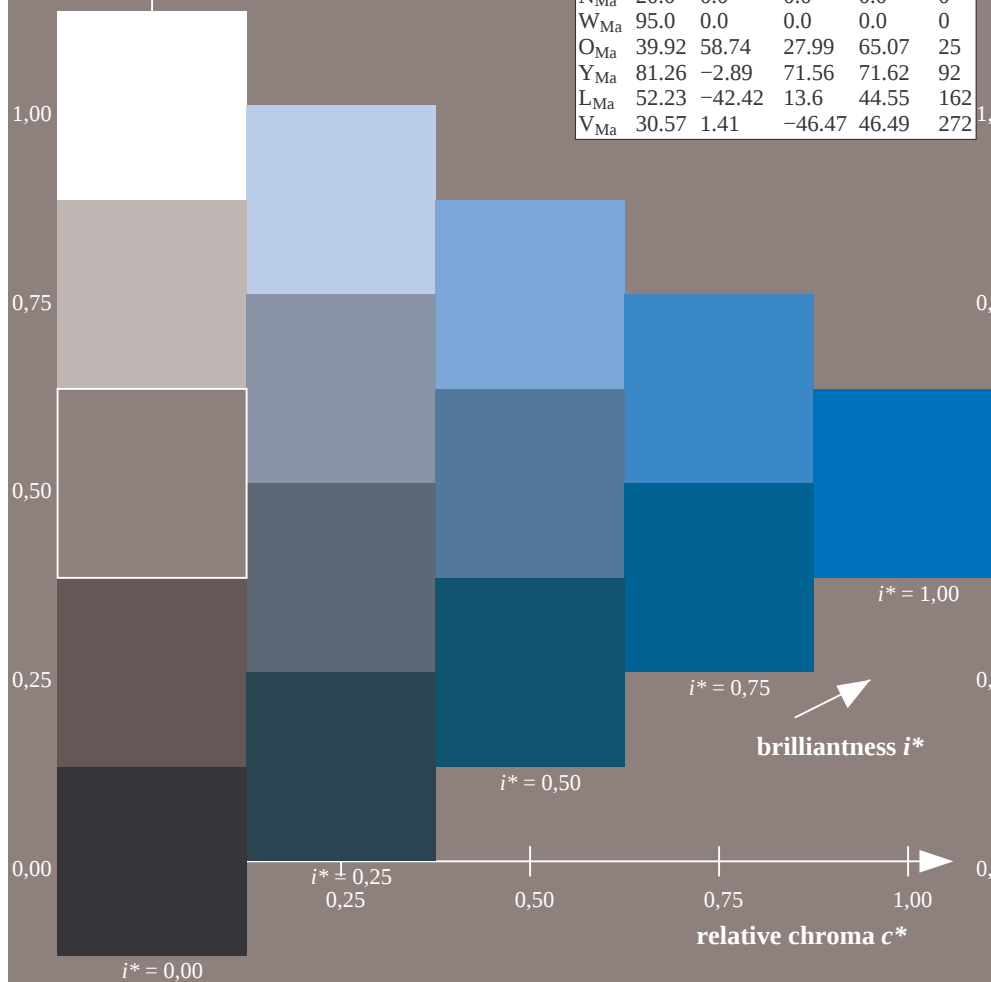
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

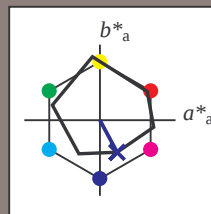
Hue texts:

$u^*_d = v00m$ $u^*_e = b23r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 23 -42

$LAB^*LCH^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

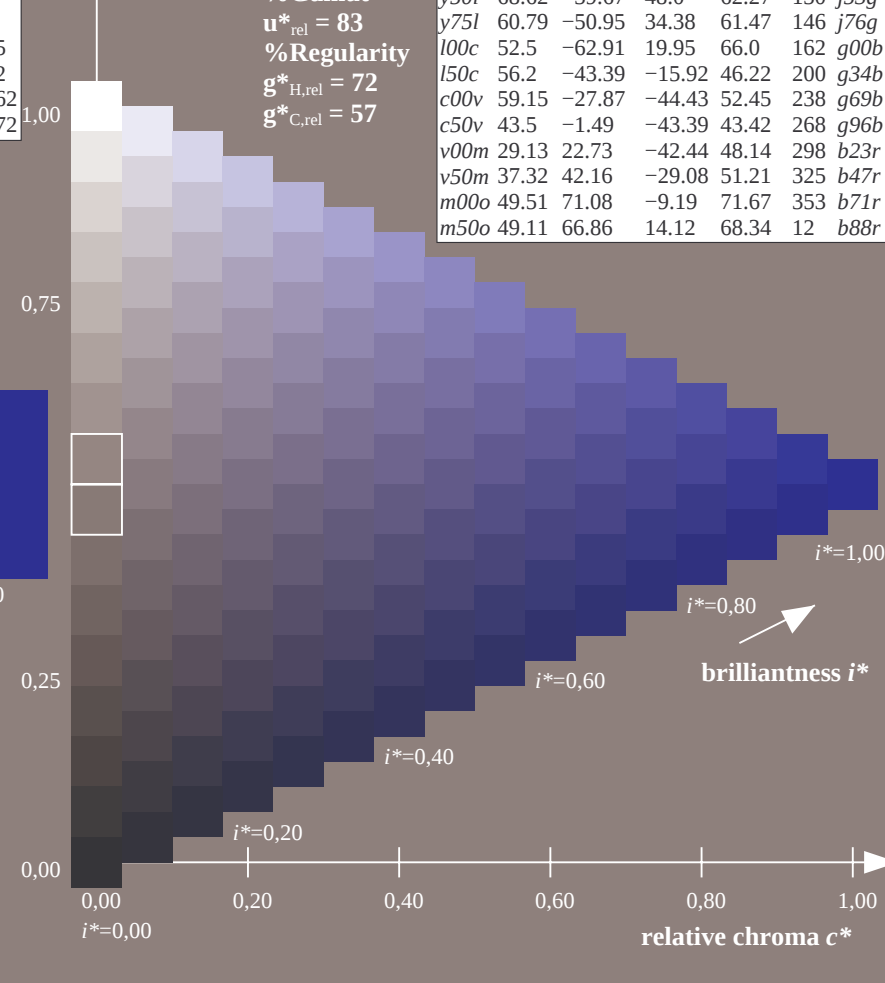
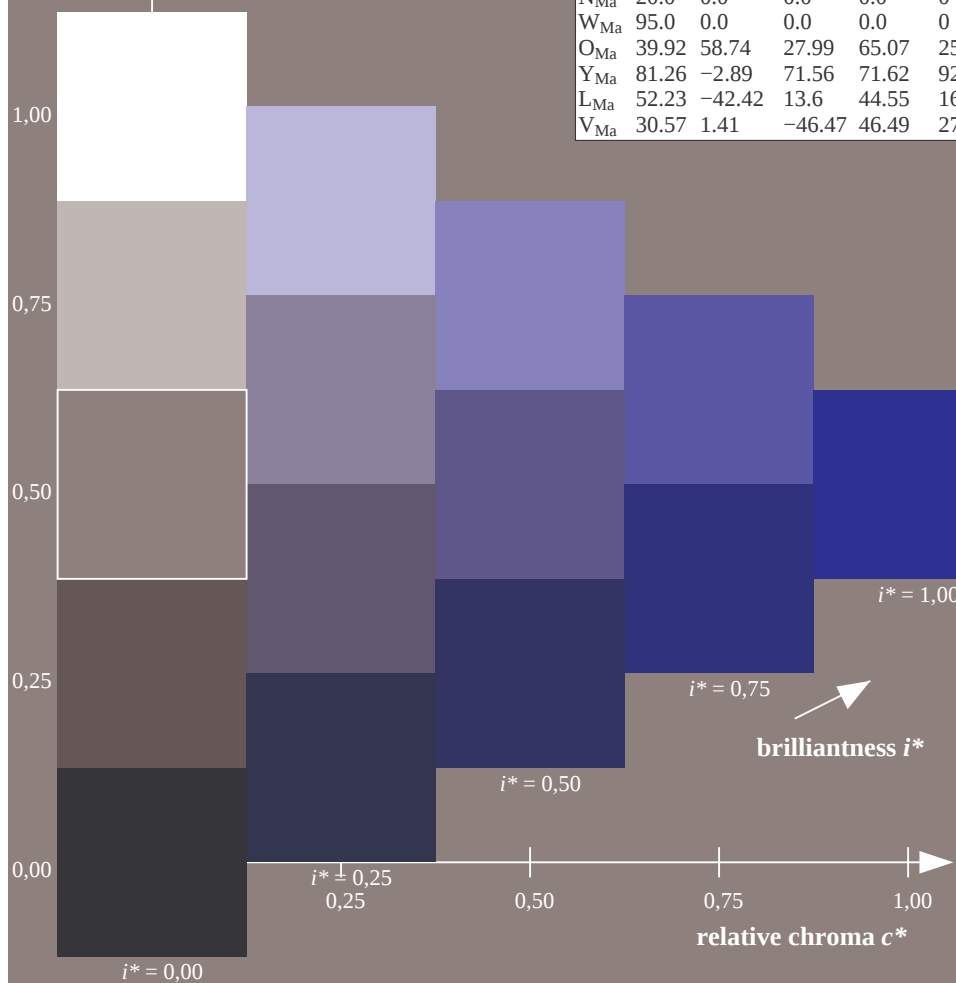
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v00m$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$
data for any colour:

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

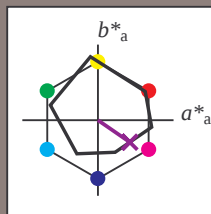
Hue texts:

$u^*_d = v50m$ $u^*_e = b47r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 37 42 -29

$LAB^*LCH^*_{Ma}$: 37 51 325

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

$lab^*rgb^*_{Ma}$: 0.94 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

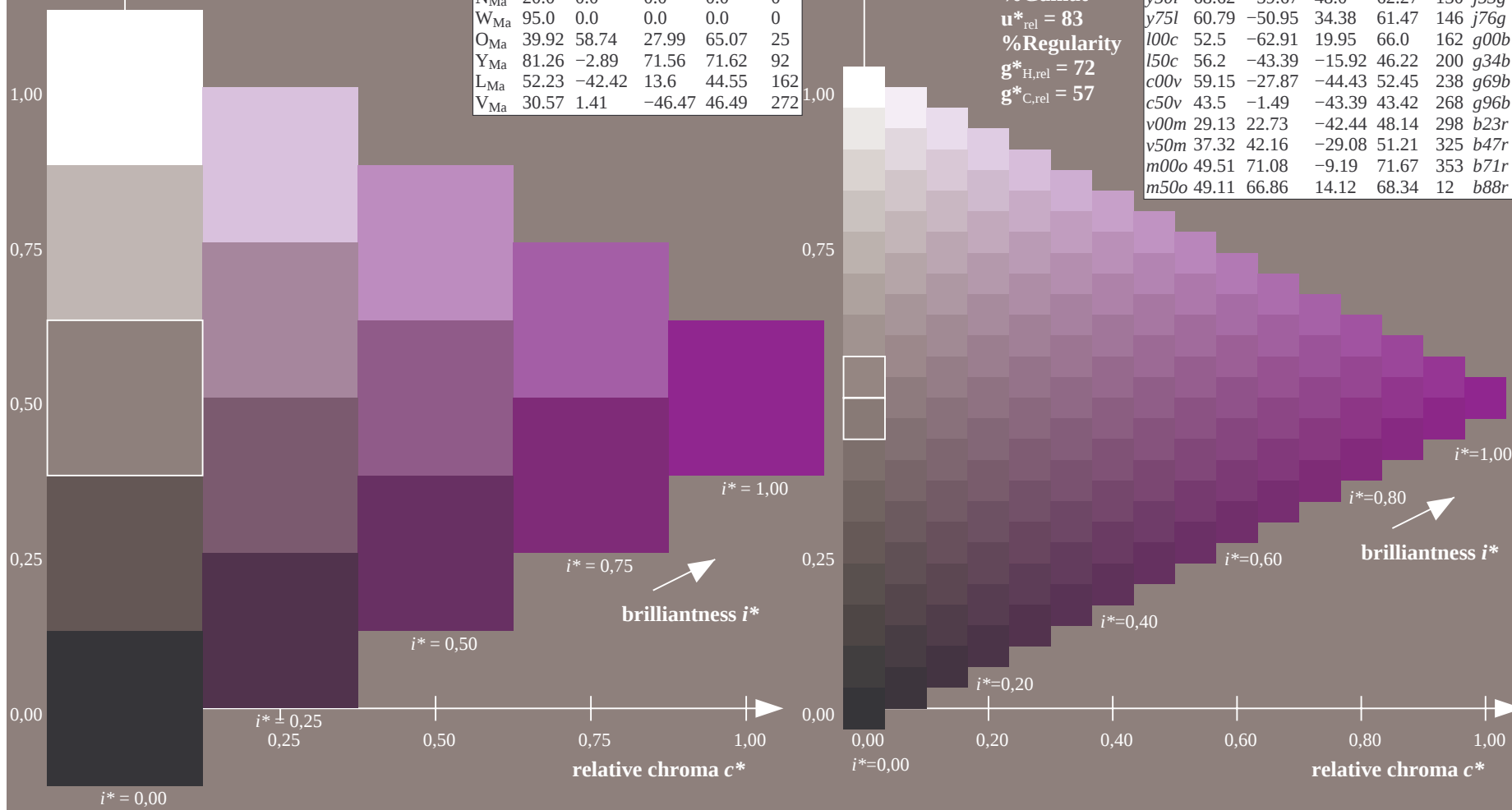
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v50m$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

data for any colour:

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

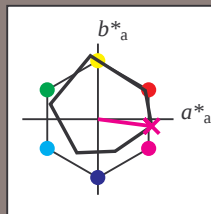
Hue texts:

$u^*_d = m00o$ $u^*_e = b71r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 71 -9

$LAB^*LCH^*_{Ma}$: 50 72 352

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

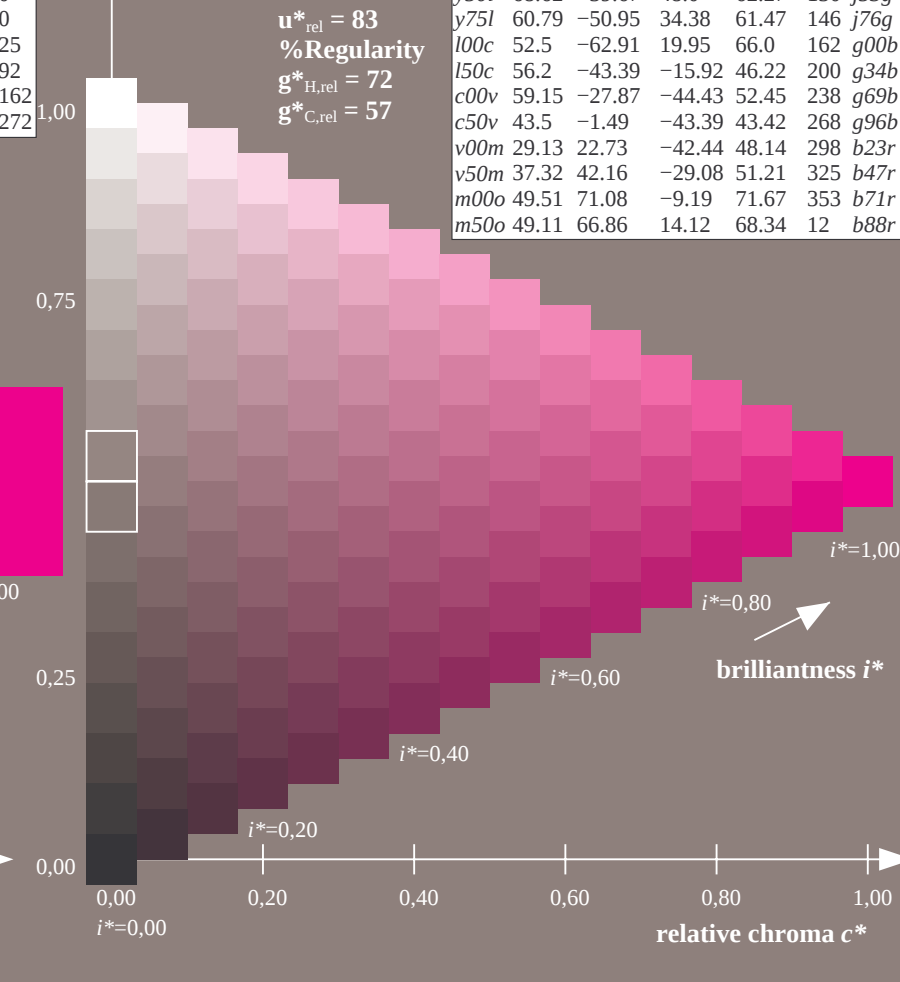
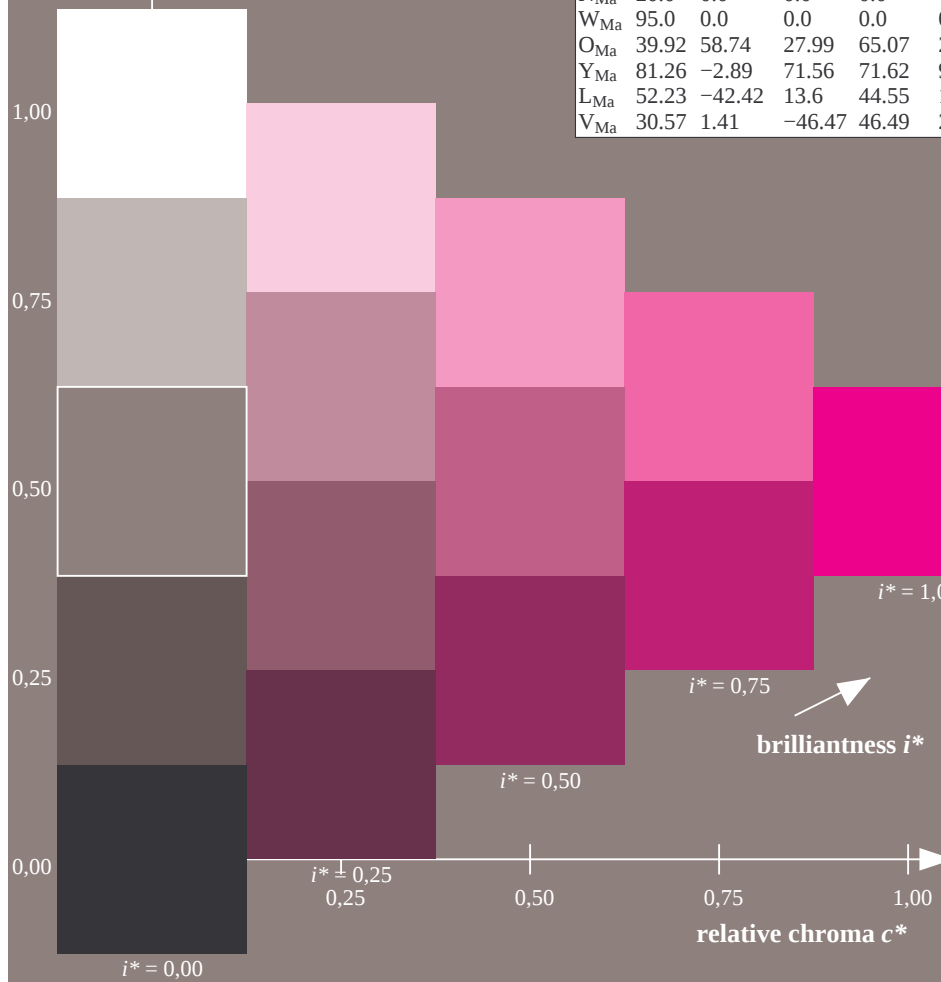
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m00o$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

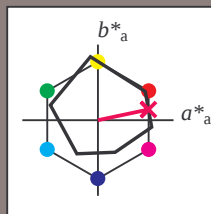
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 67 14

$LAB^*LCH^*_{Ma}$: 49 68 11

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.24

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

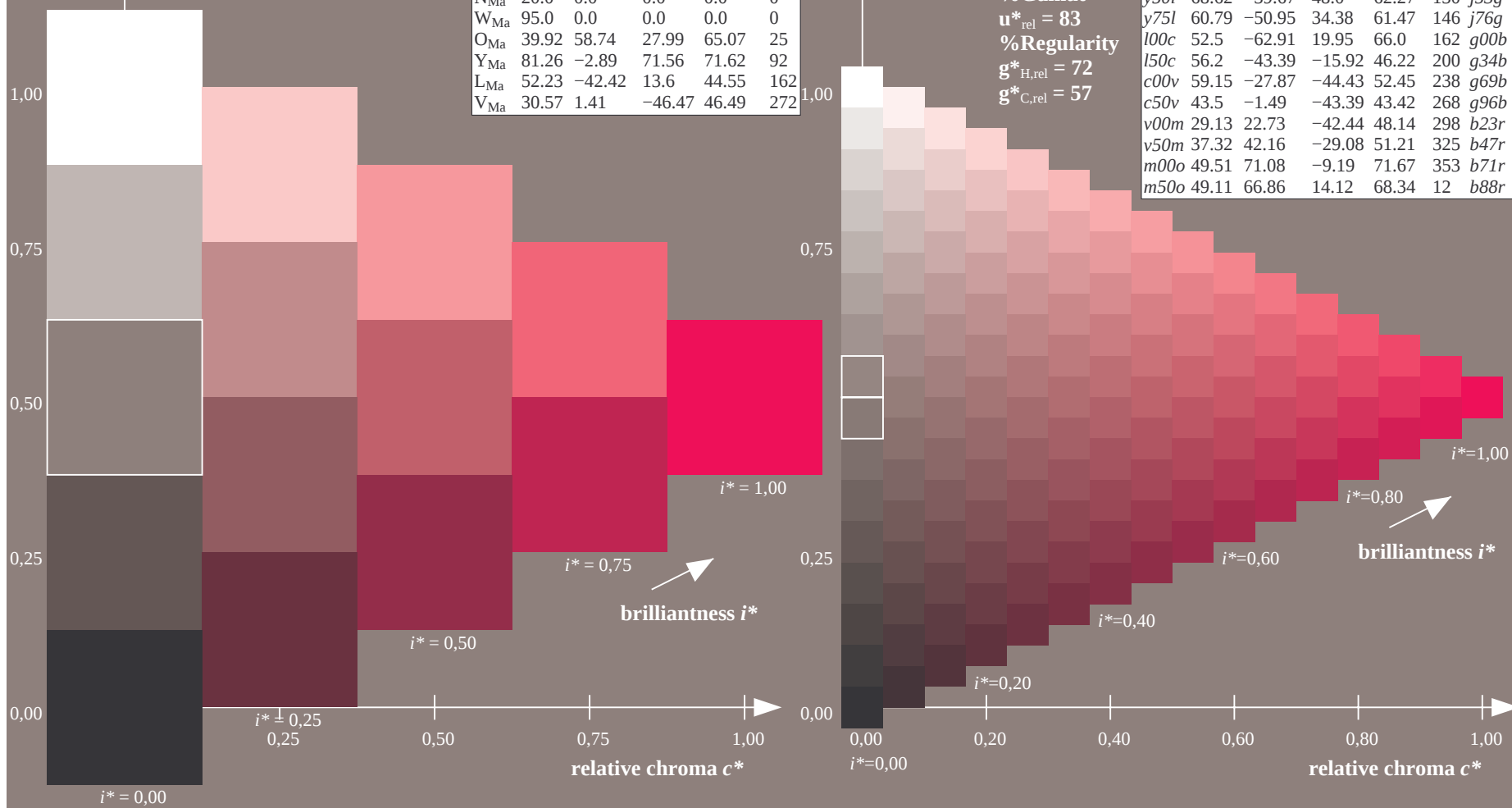
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

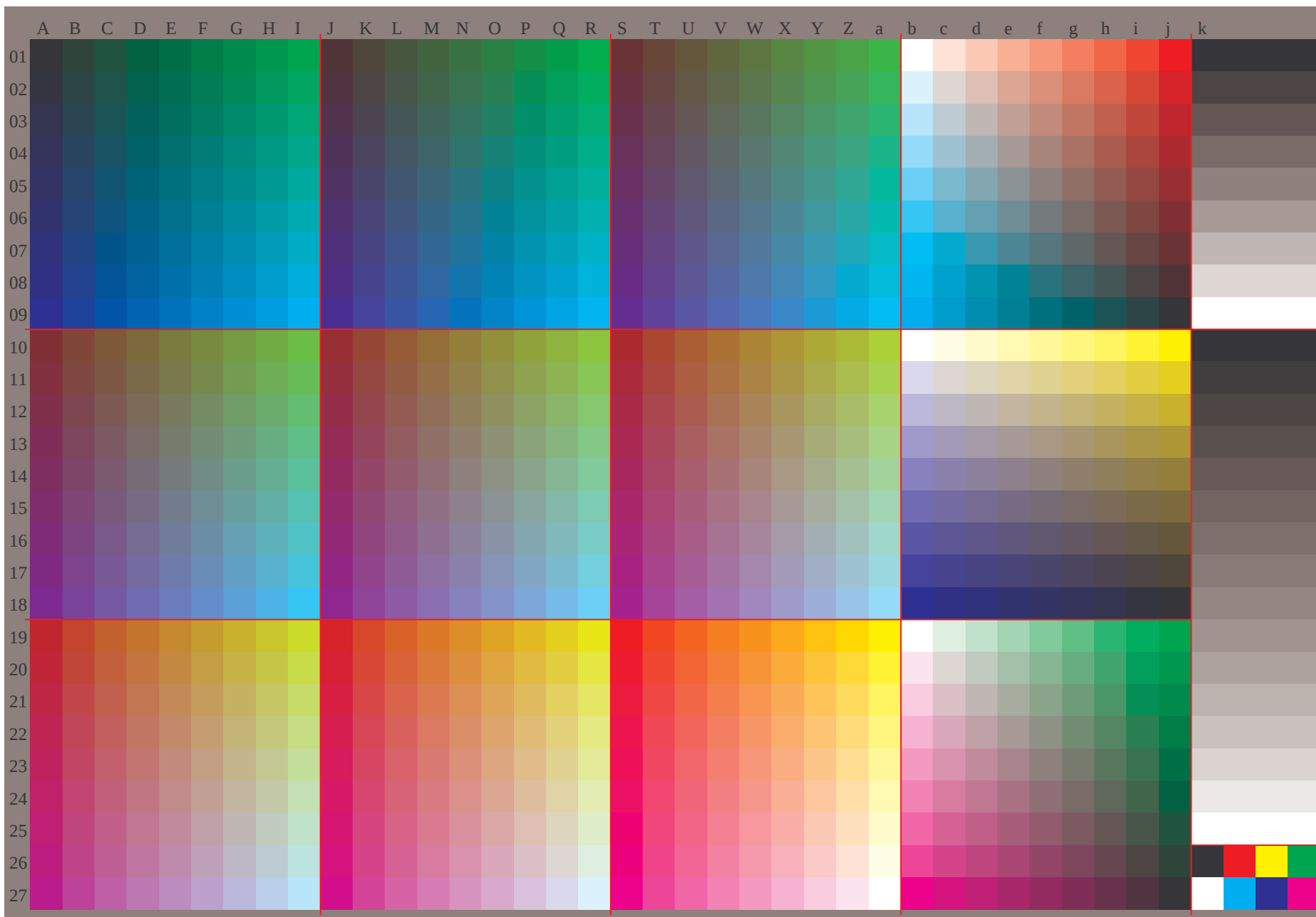
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m50o$



See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de/Ee45/; www.ps.bam.de/Ee45/.HTM
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee45/10L/L45E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

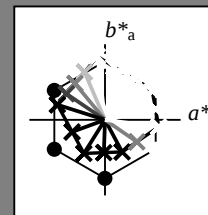
$u^*_d = 16$ hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut

$u^*_{rel} = 83$

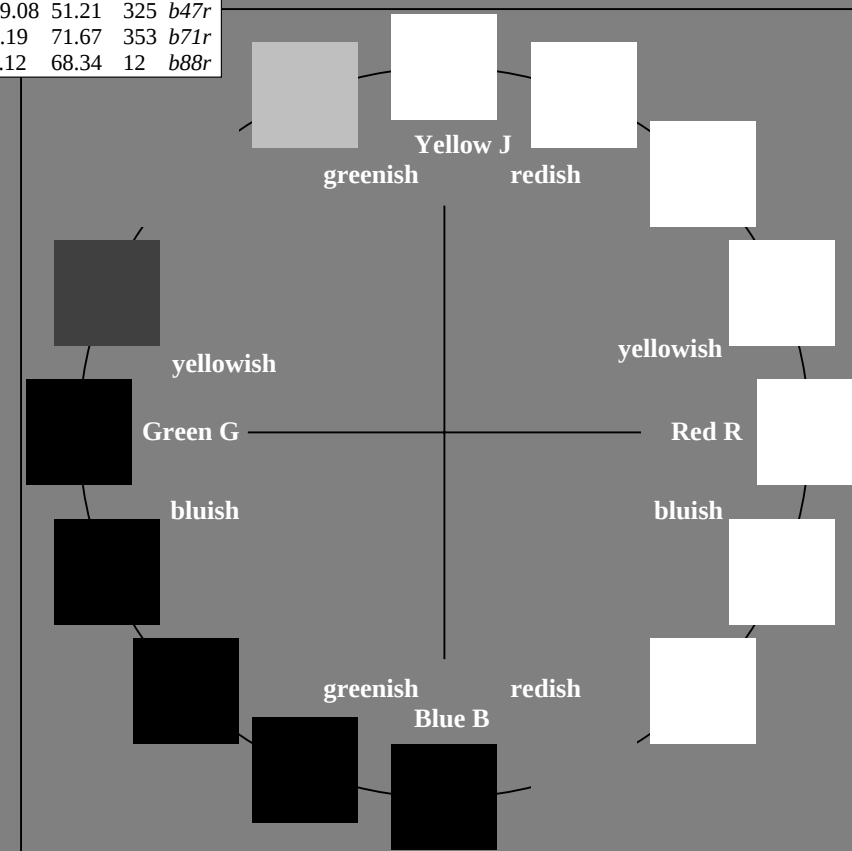
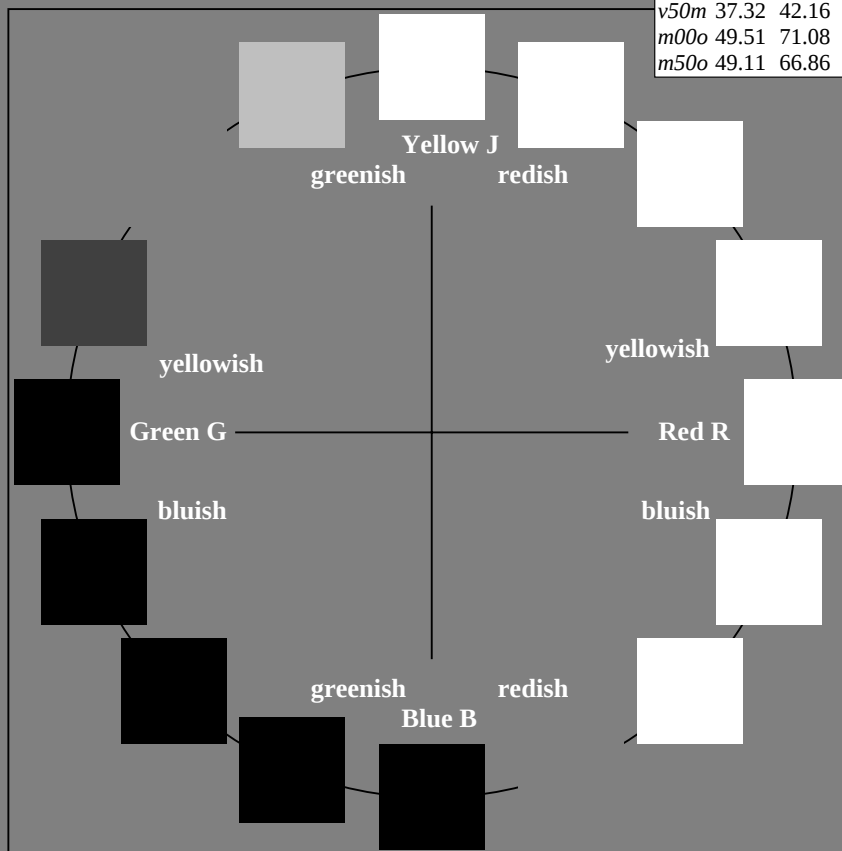
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

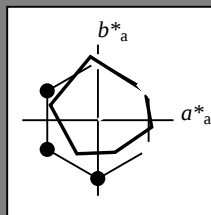
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



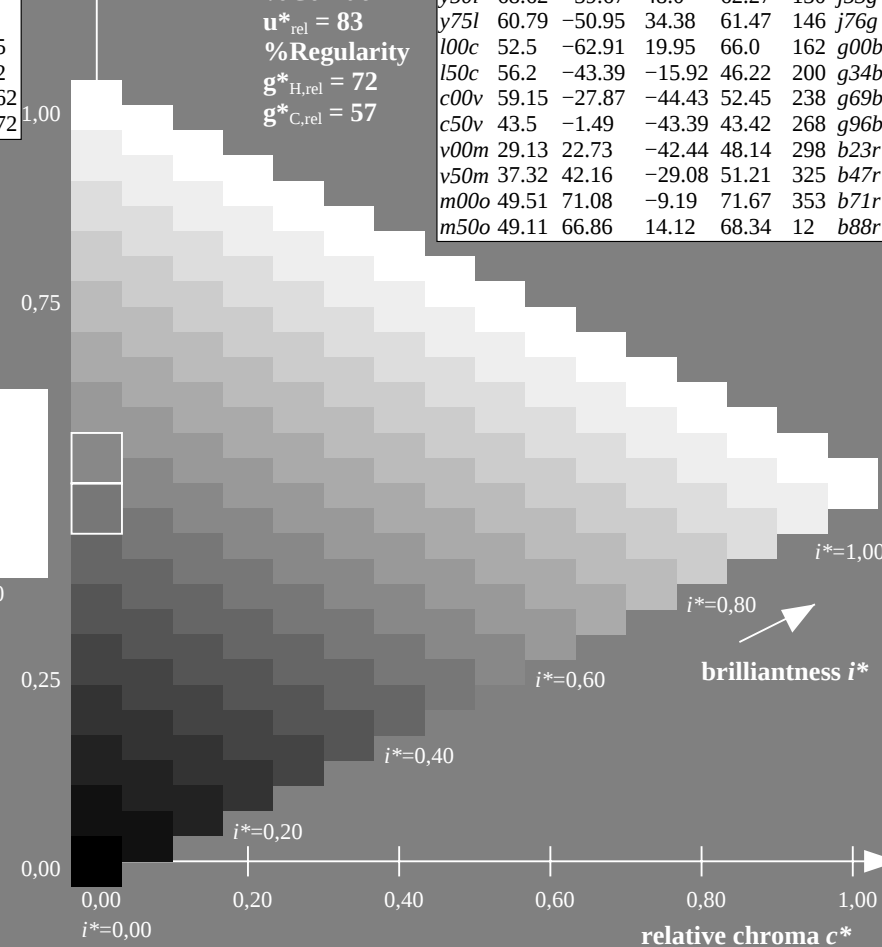
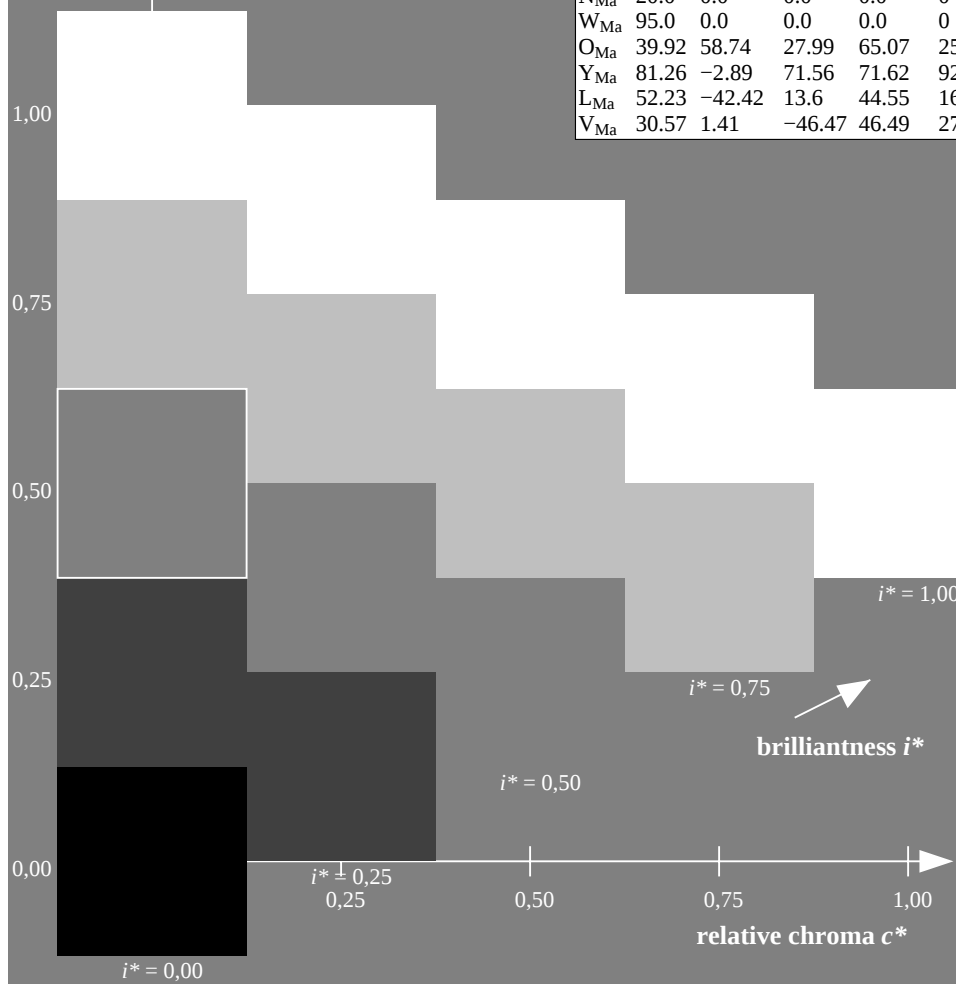
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 63 38
 $LAB^*LCH^*_{Ma}$: 49 73 31
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.09 0.0
triangle lightness t^*

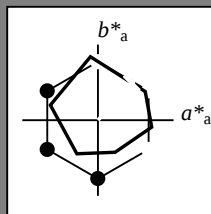
%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o25y$ $u^*_e = r33j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



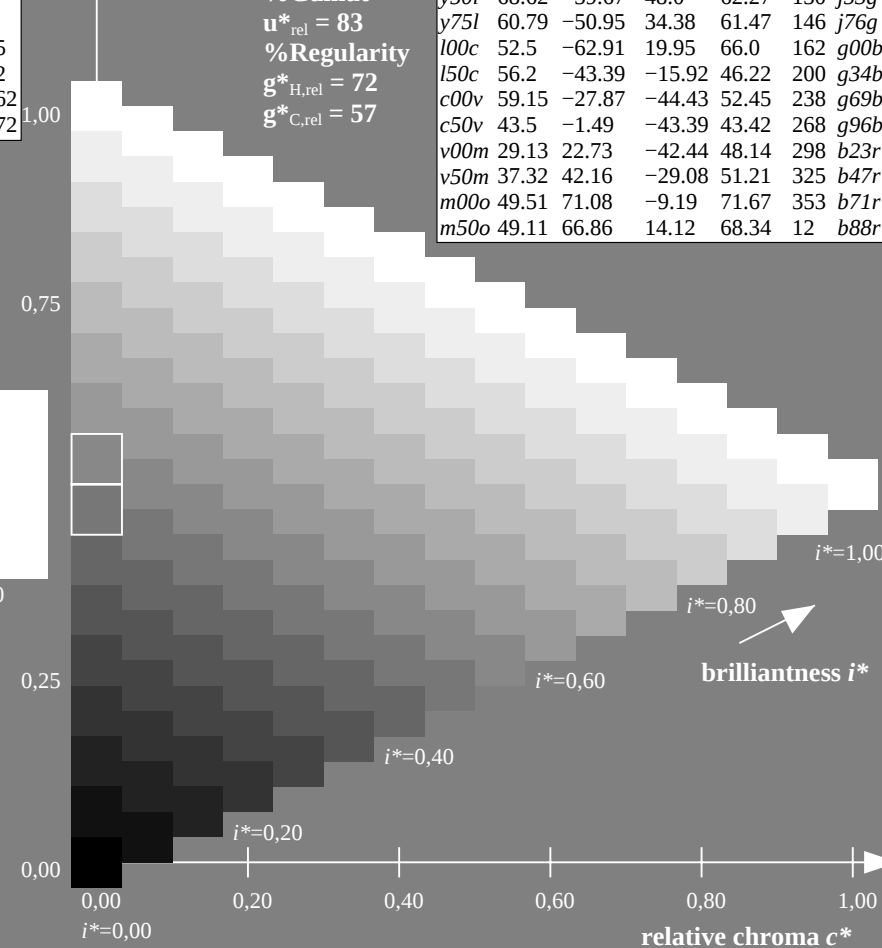
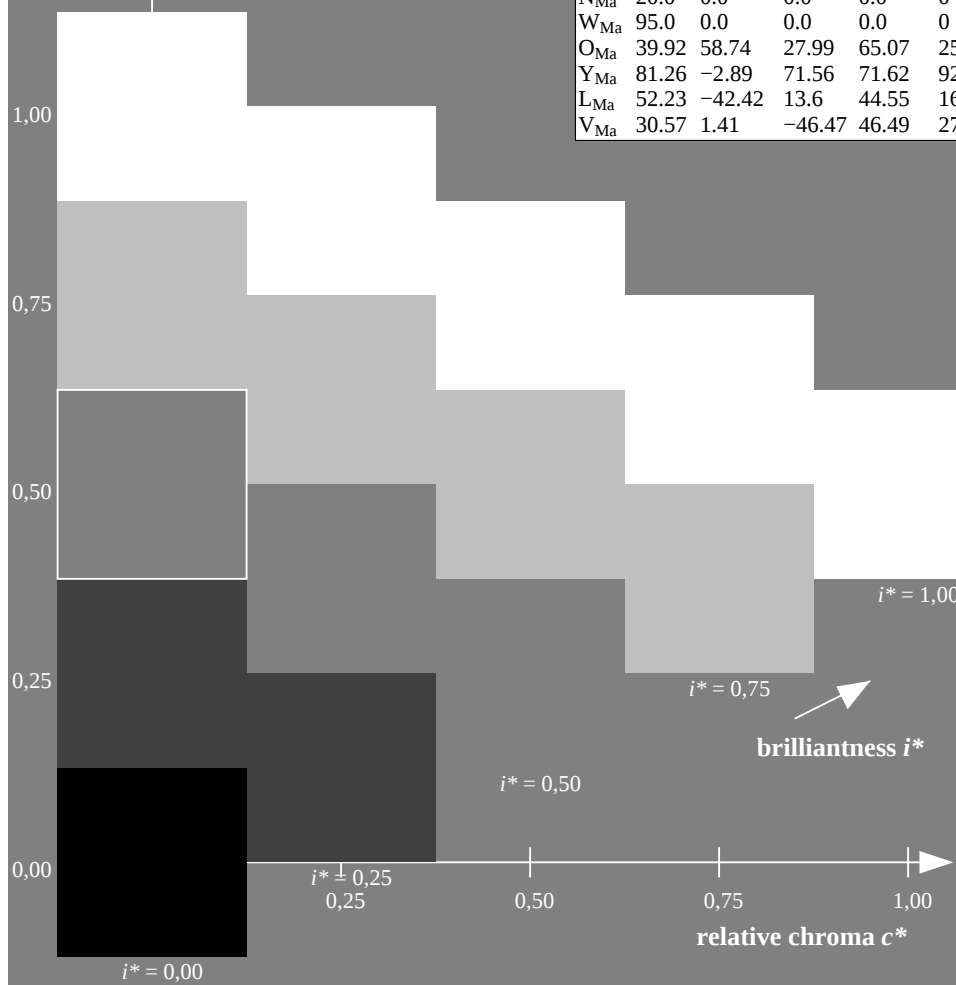
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 45 49
 $LAB^*LCH^*_{Ma}$: 59 67 47
 $lab^*olv^*_{Ma}$: 1.0 0.25 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.33 0.0
triangle lightness t^*

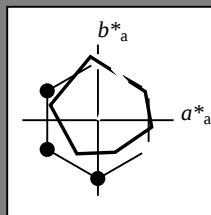
%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o50y$ $u^*_e = r57j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



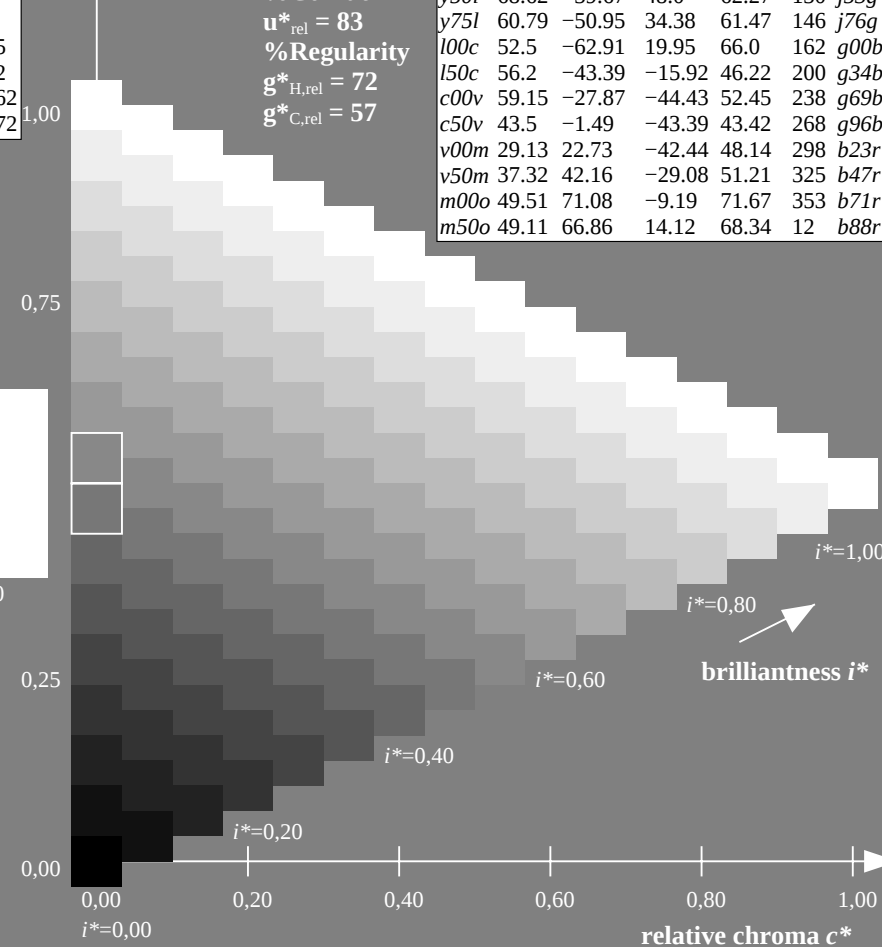
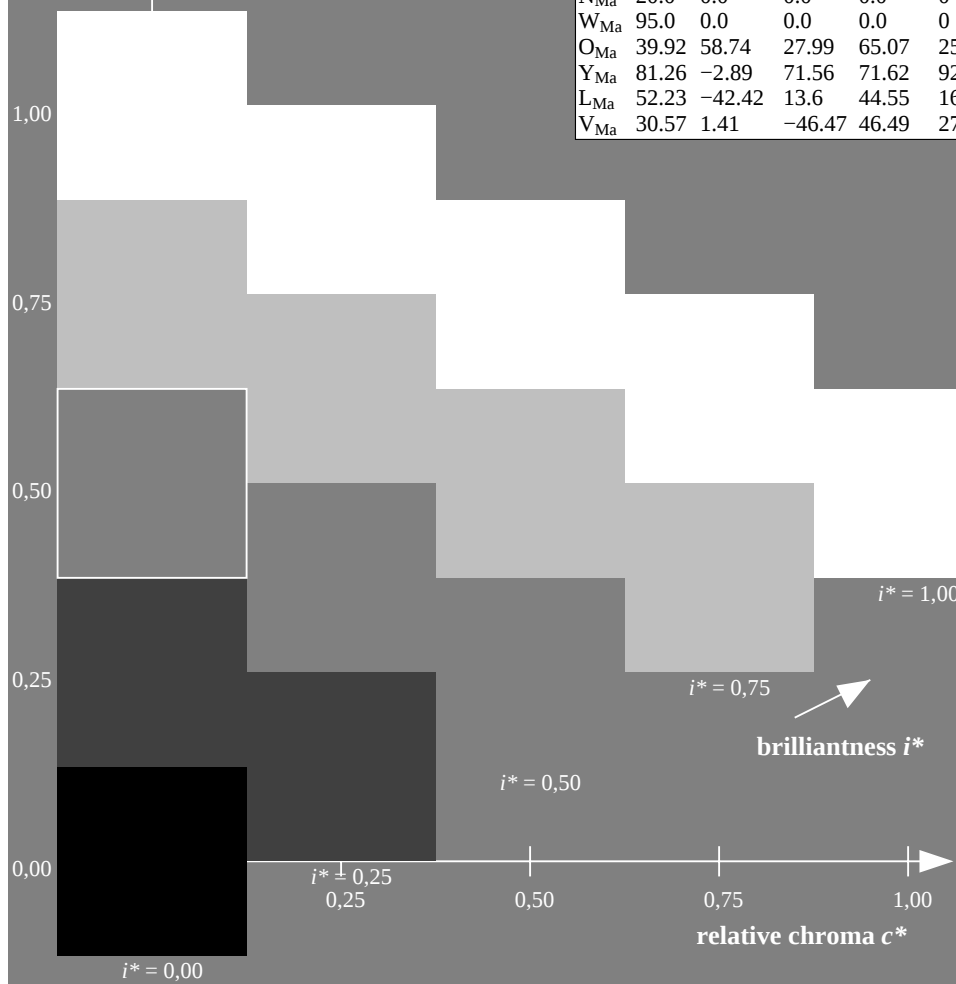
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 68 29 59
 $LAB^*LCH^*_{Ma}$: 68 66 63
 $lab^*olv^*_{Ma}$: 1.0 0.5 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.58 0.0
triangle lightness t^*

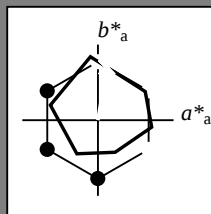
%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o75y$ $u^*_e = r81j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



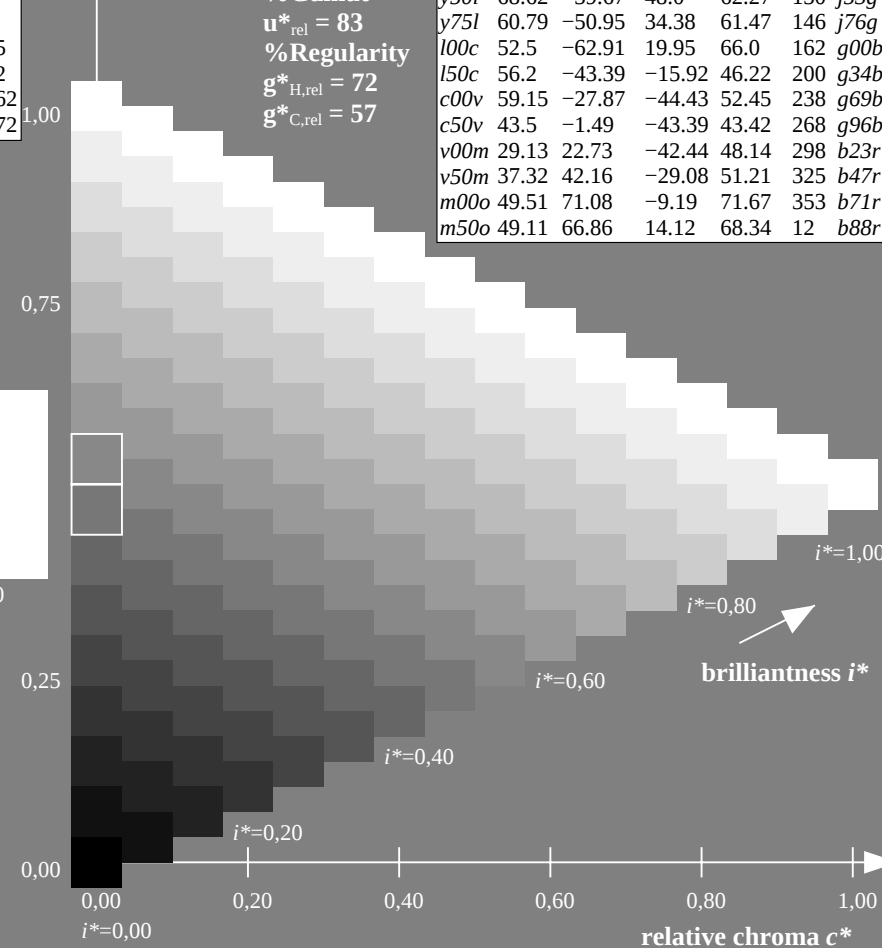
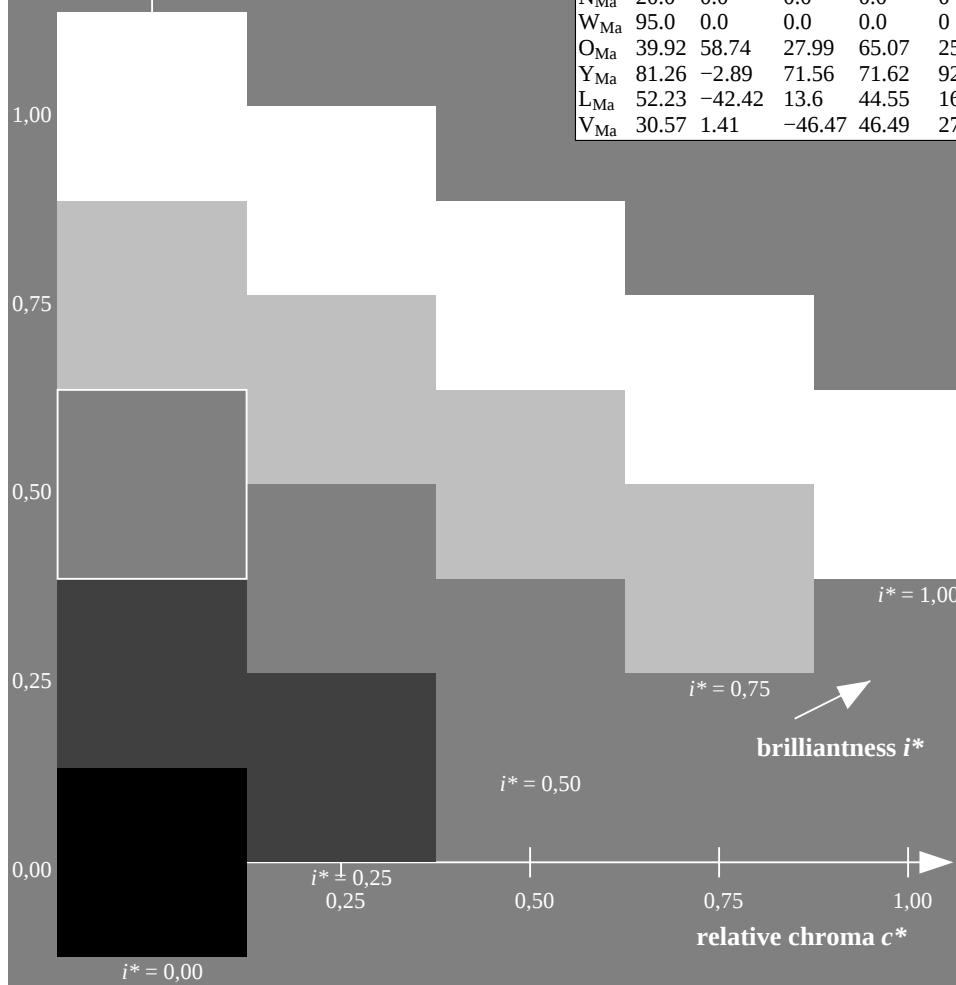
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 12 70
 $LAB^*LCH^*_{Ma}$: 77 71 80
 $lab^*olv^*_{Ma}$: 1.0 0.75 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.82 0.0
triangle lightness t^*

%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$

data for any colour:

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

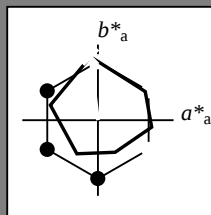
Hue texts:

$u^*_d = y00l$ $u^*_e = j06g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 89 -10 84

$LAB^*LCH^*_{Ma}$: 89 84 96

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

$lab^*rgb^*_{Ma}$: 0.94 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

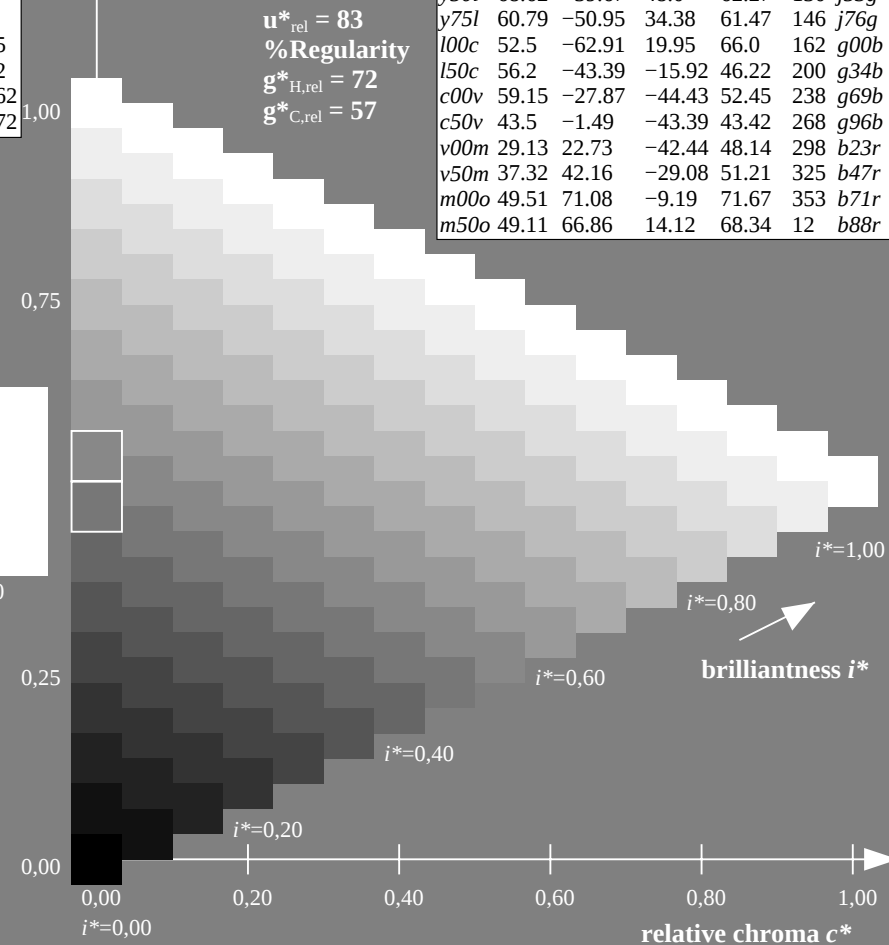
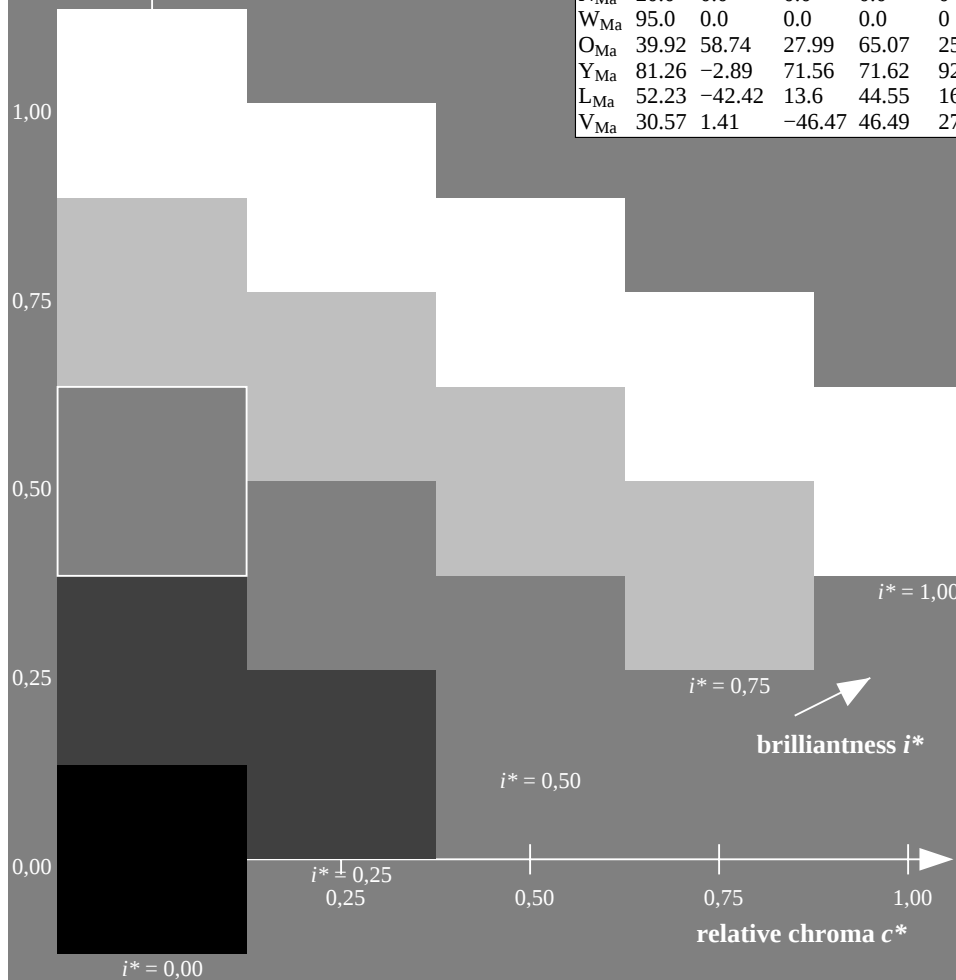
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

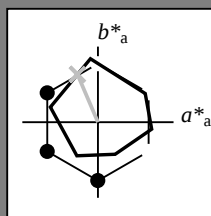
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y00l$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y25l$ $u^*_e = j30g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 -27 63

$LAB^*LCH^*_{Ma}$: 77 69 113

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

$lab^*rgb^*_{Ma}$: 0.7 1.0 0.0

triangle lightness t^*

%Gamut

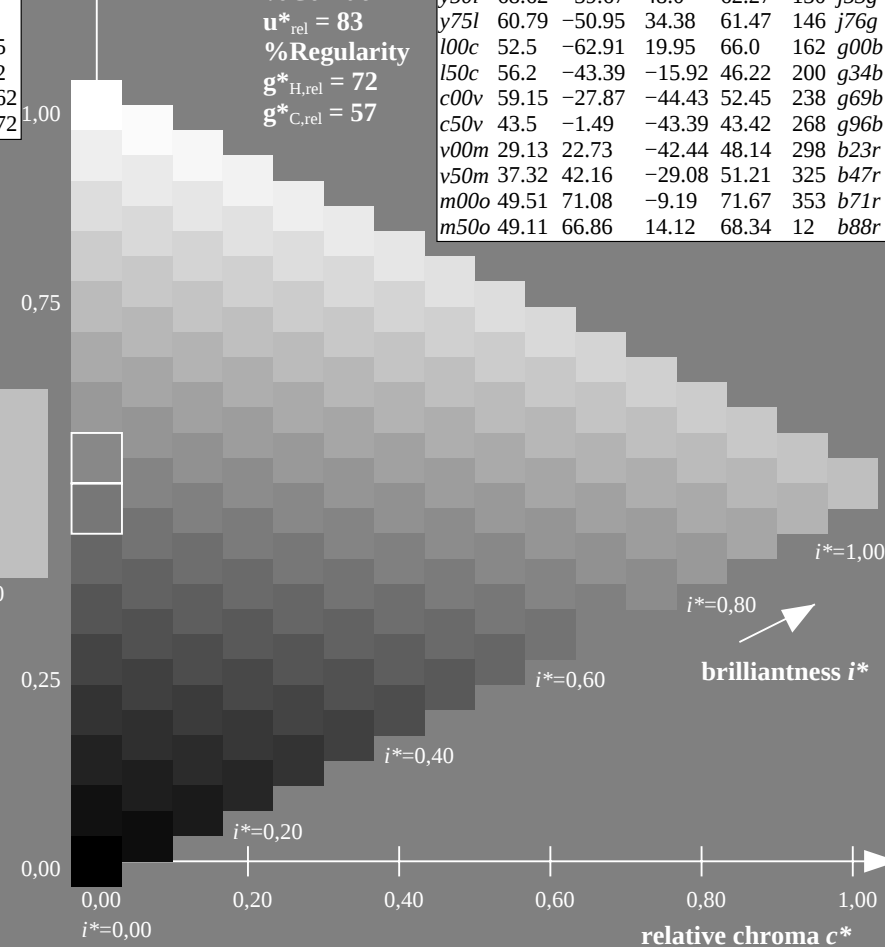
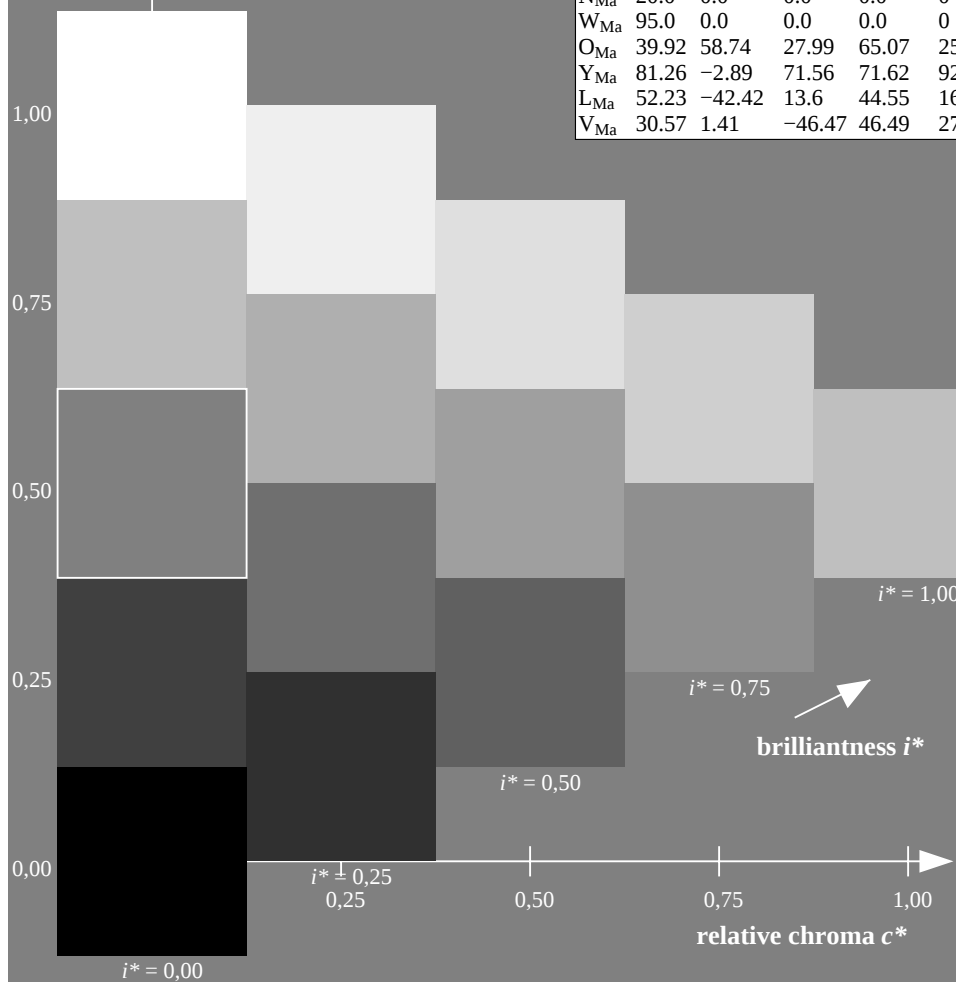
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

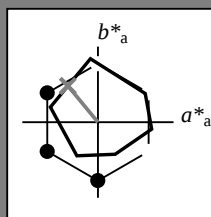
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 69 -40 48

$LAB^*LCH^*_{Ma}$: 69 62 129

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

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

triangle lightness t^*

%Gamut

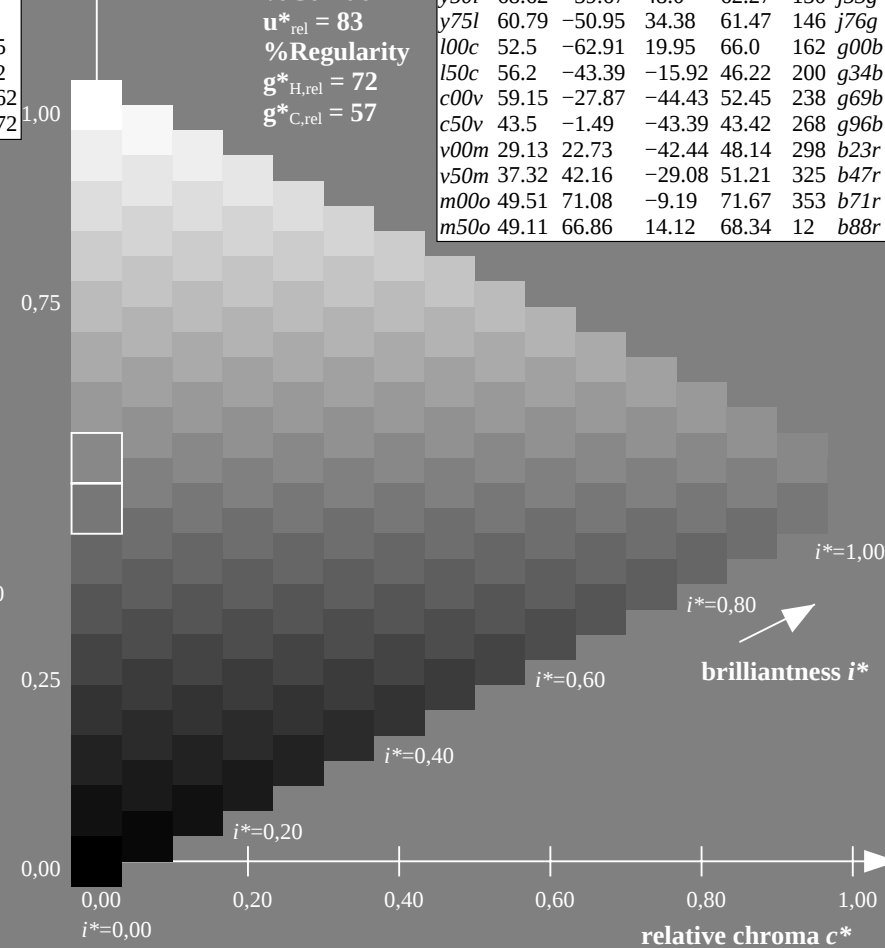
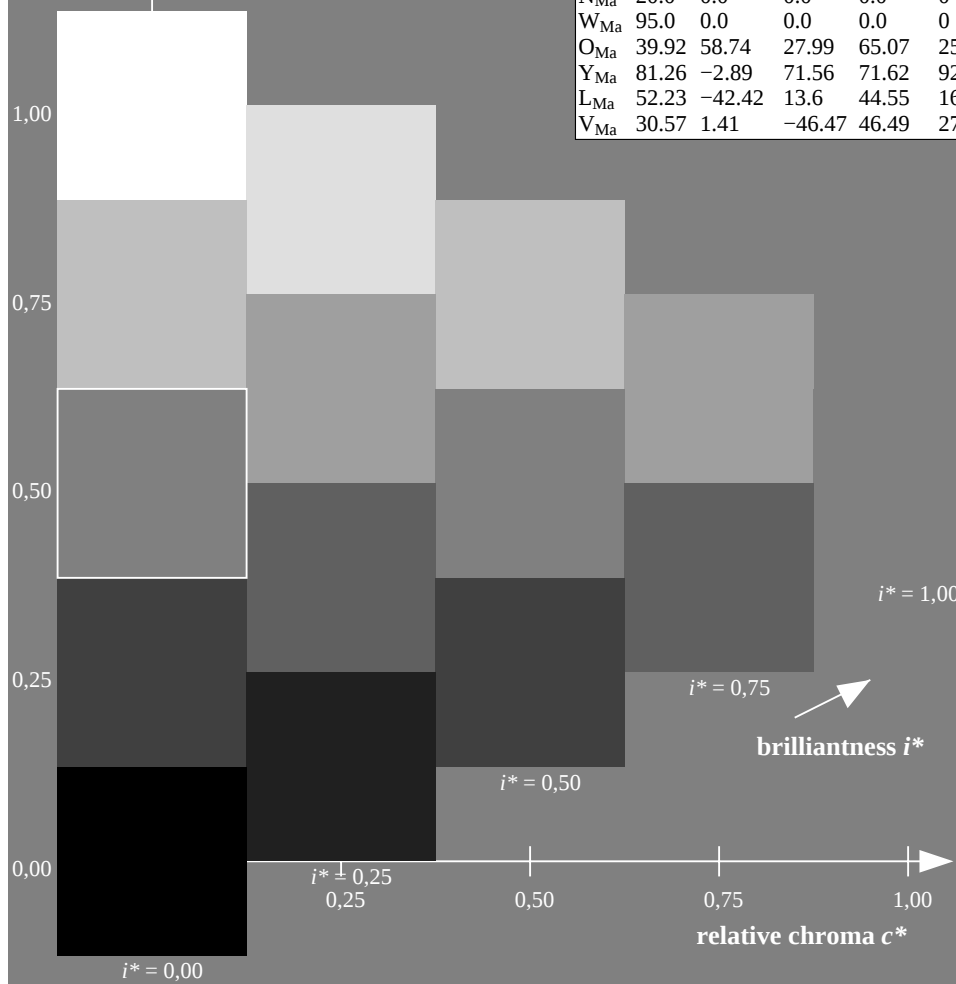
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

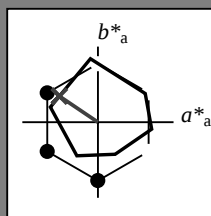
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 61 -51 34

$LAB^*LCH^*_{Ma}$: 61 61 145

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

$lab^*rgb^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

%Gamut

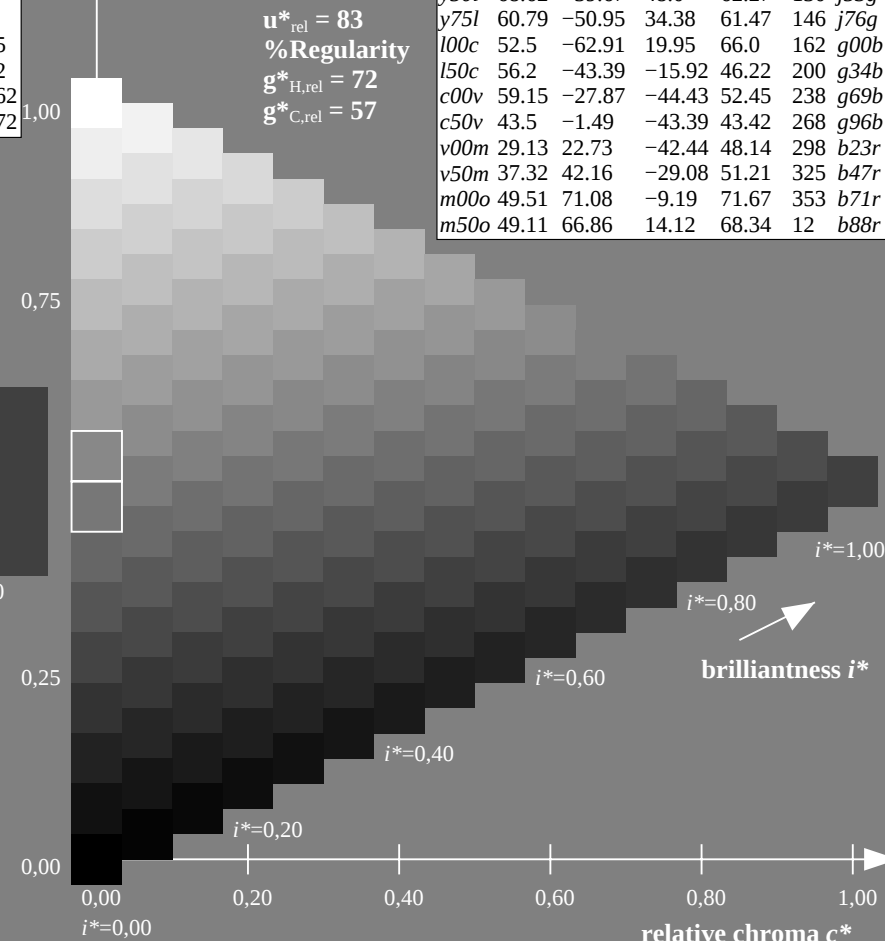
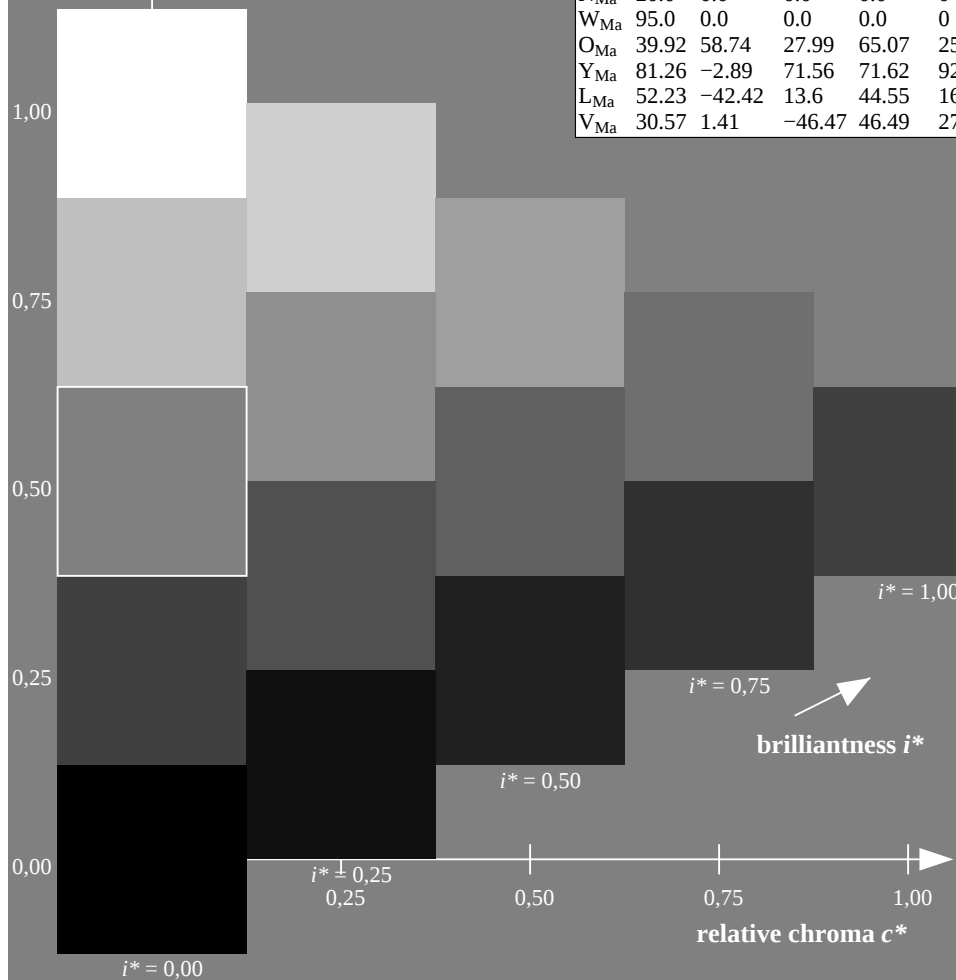
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

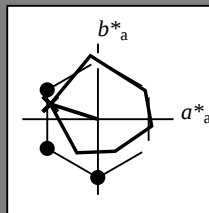
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 100c$ $u^*_e = g00b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -63 20

$LAB^*LCH^*_{Ma}$: 52 66 162

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

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

triangle lightness t^*

%Gamut

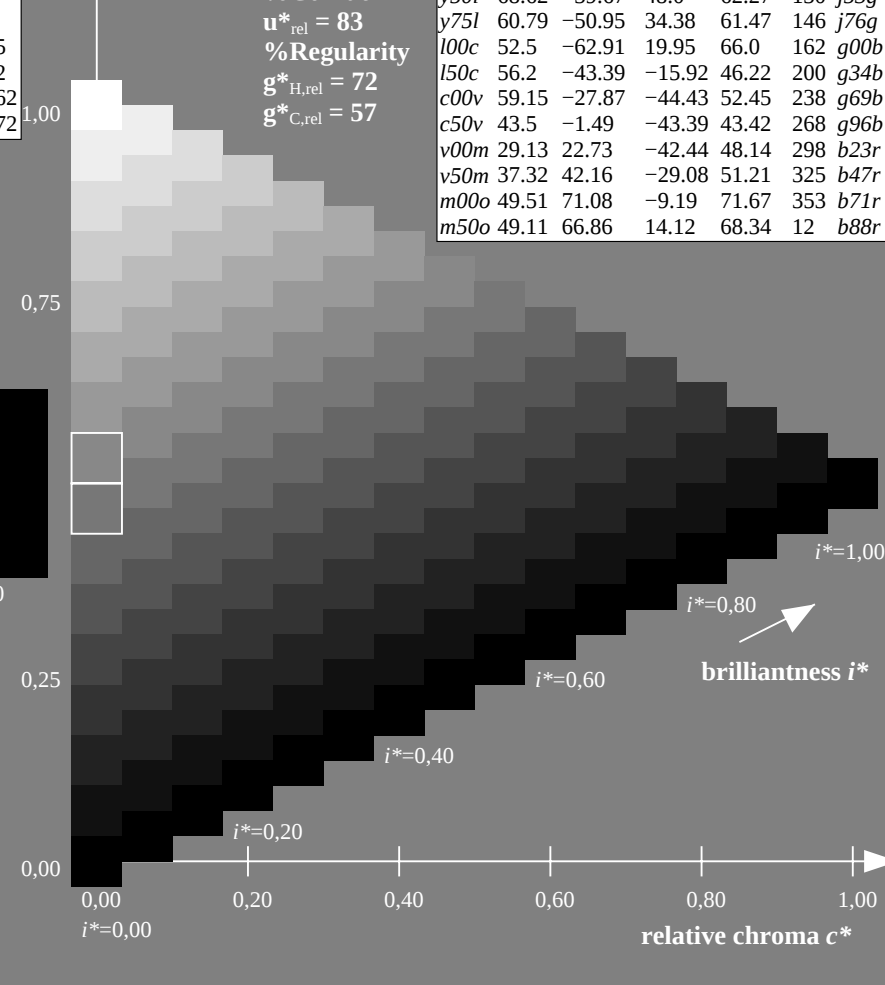
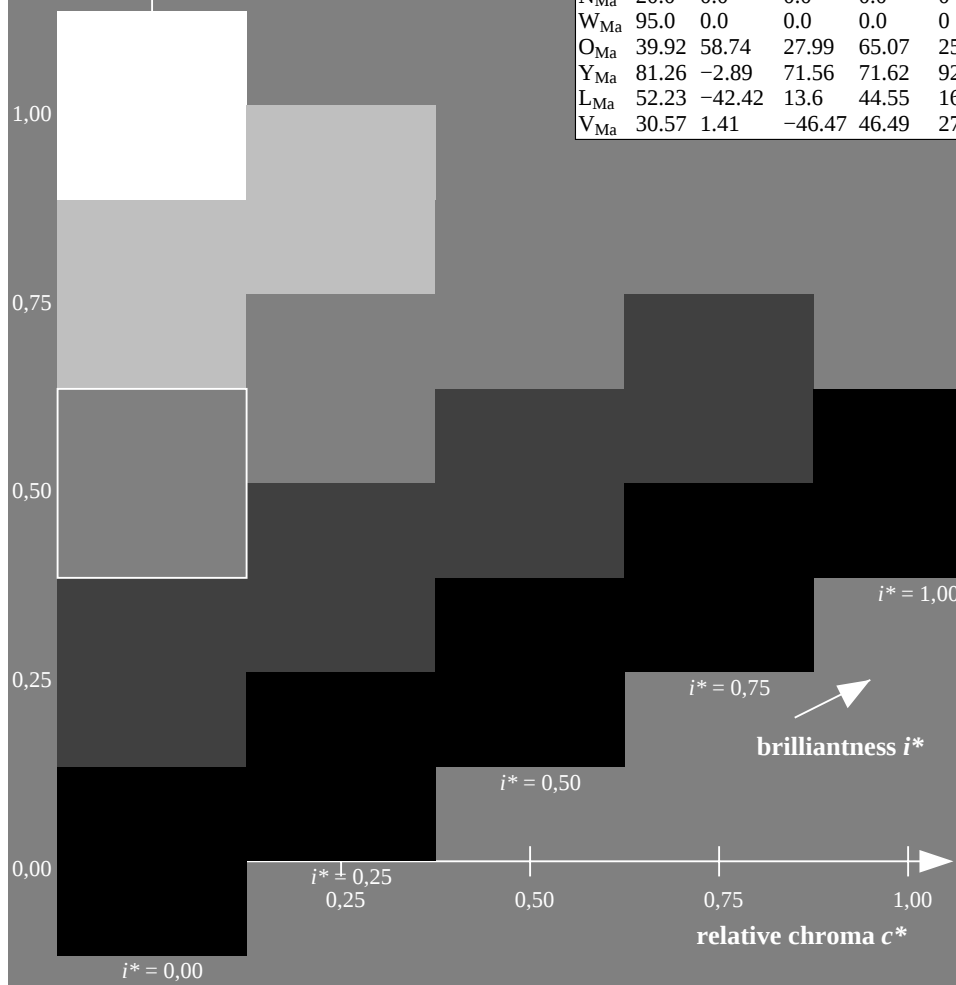
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

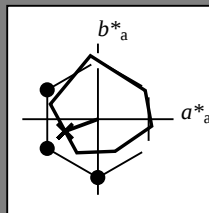
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



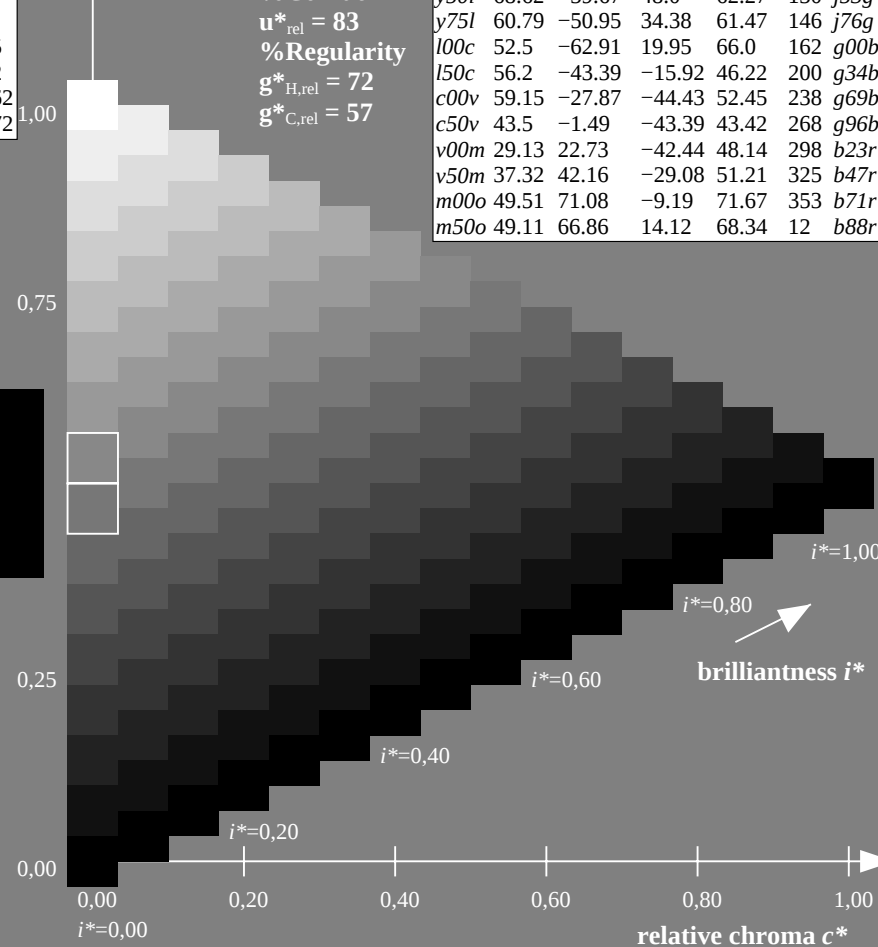
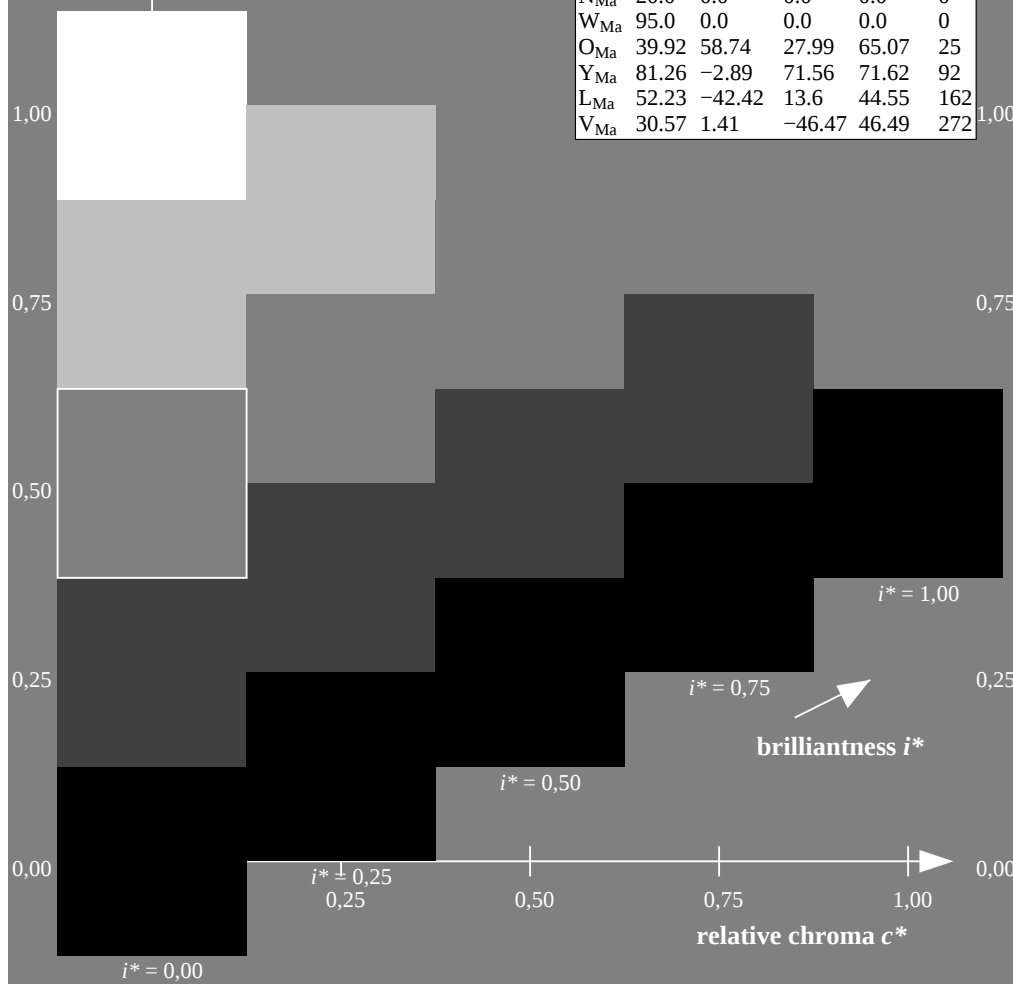
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -43 -16
 $LAB^*LCH^*_{Ma}$: 56 46 200
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.5
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.69
triangle lightness t^*

%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

data for any colour:

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

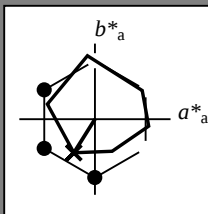
Hue texts:

$u^*_d = c00v$ $u^*_e = g69b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 -28 -44

$LAB^*LCH^*_{Ma}$: 59 52 237

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

$lab^*rgb^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

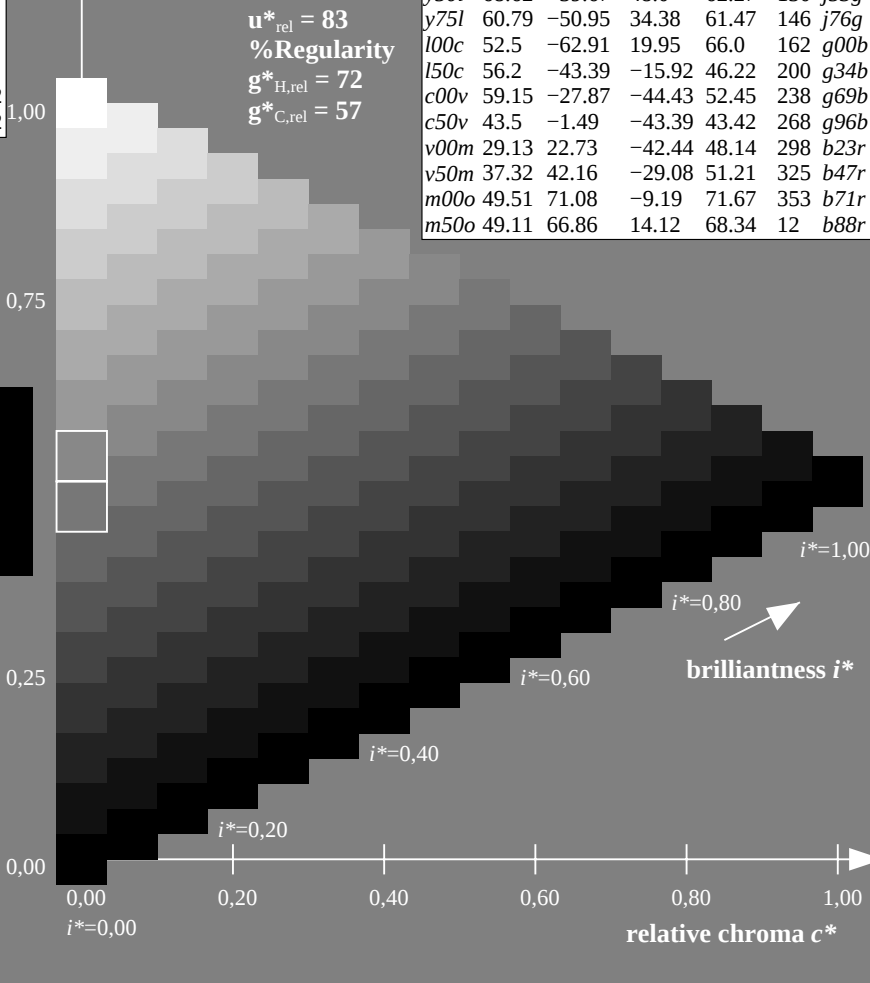
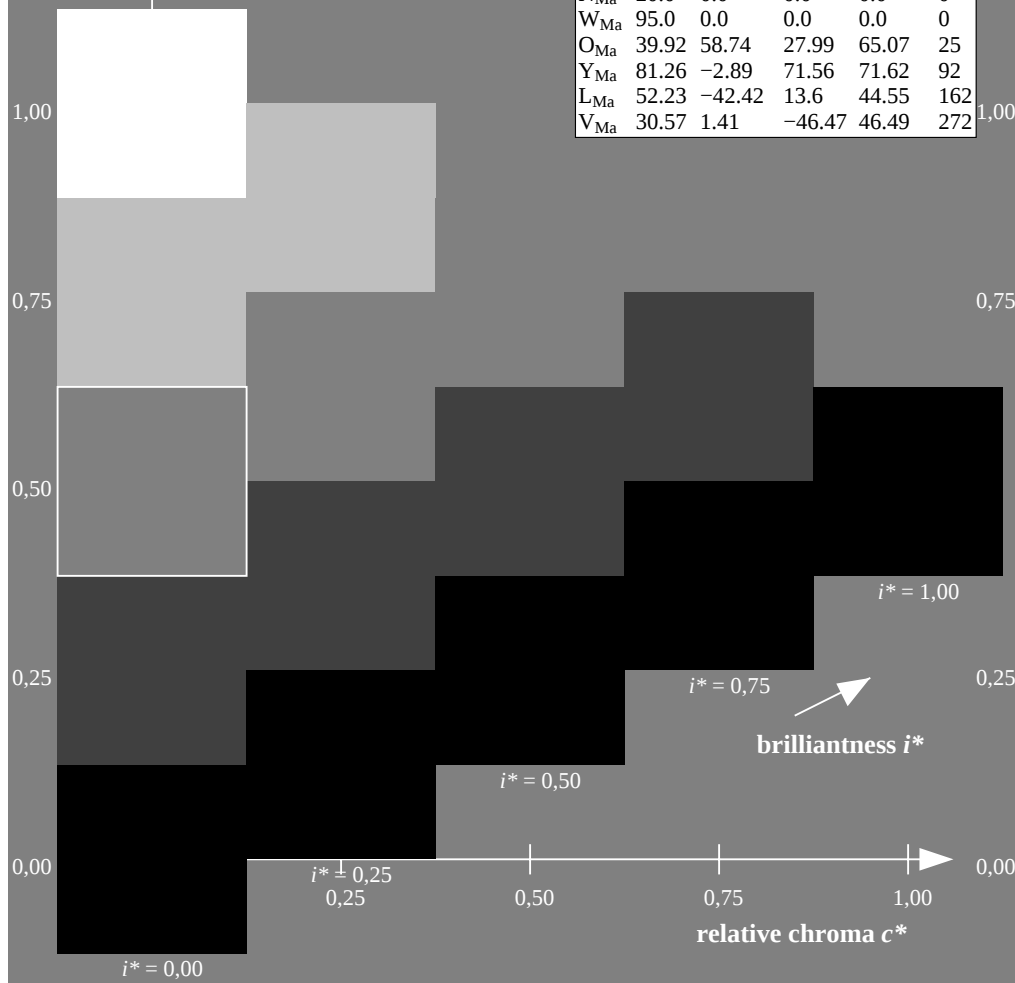
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

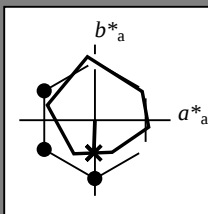
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = c00v$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 43 -1 -43

$LAB^*LCH^*_{Ma}$: 43 43 268

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

$lab^*rgb^*_{Ma}$: 0.0 0.07 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

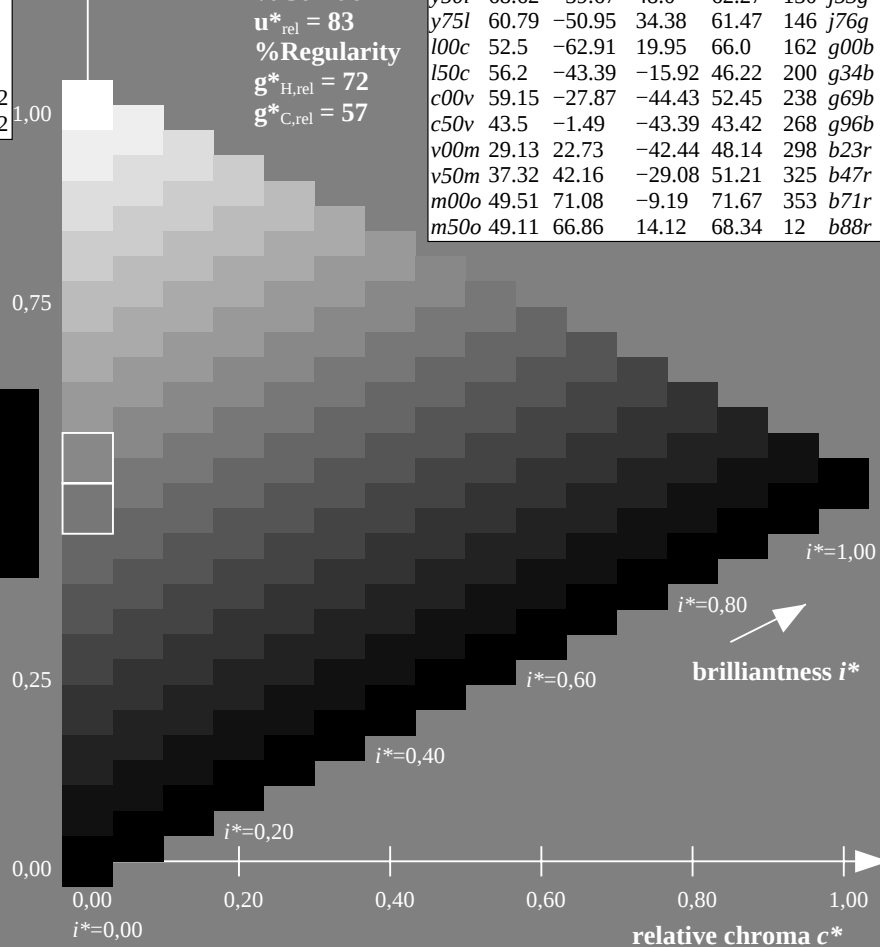
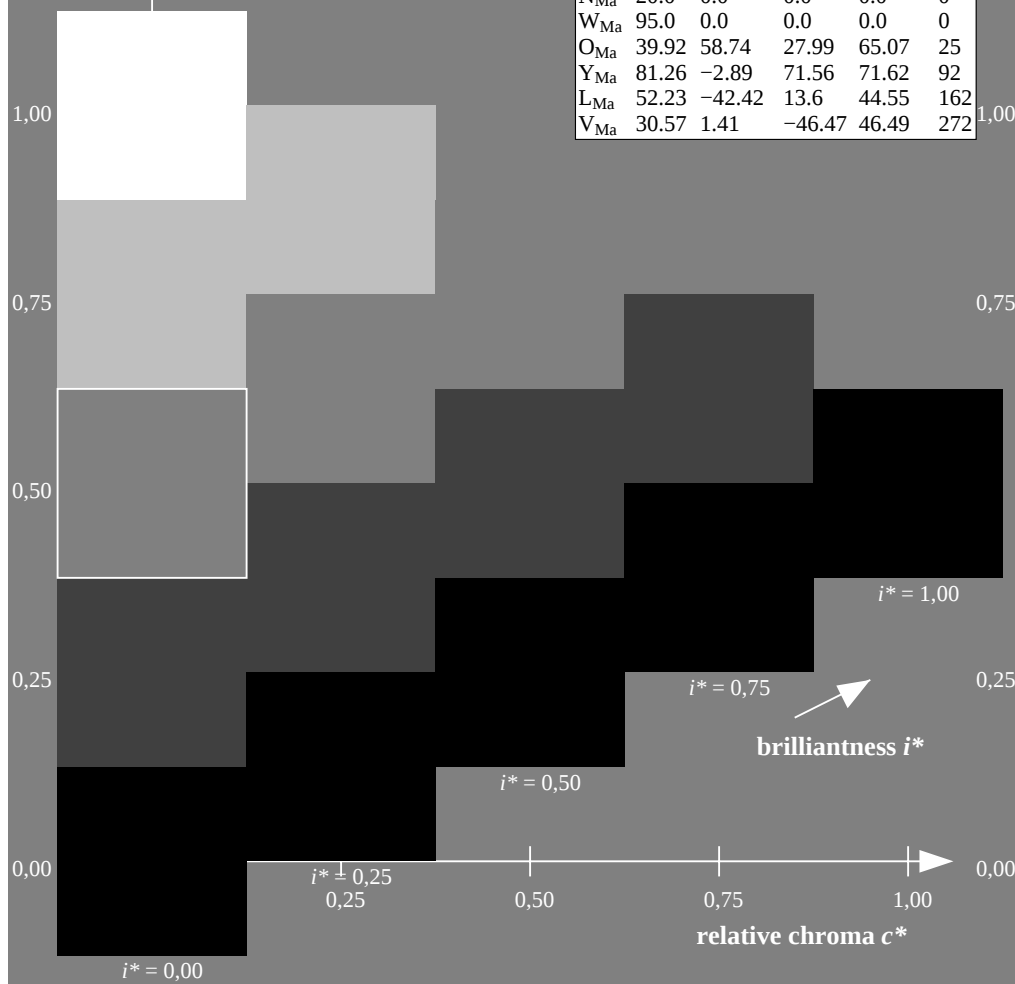
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	

$u^*_d = c50v$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

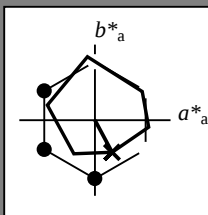
Hue texts:

$u^*_d = v00m$ $u^*_e = b23r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 23 -42

$LAB^*LCH^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

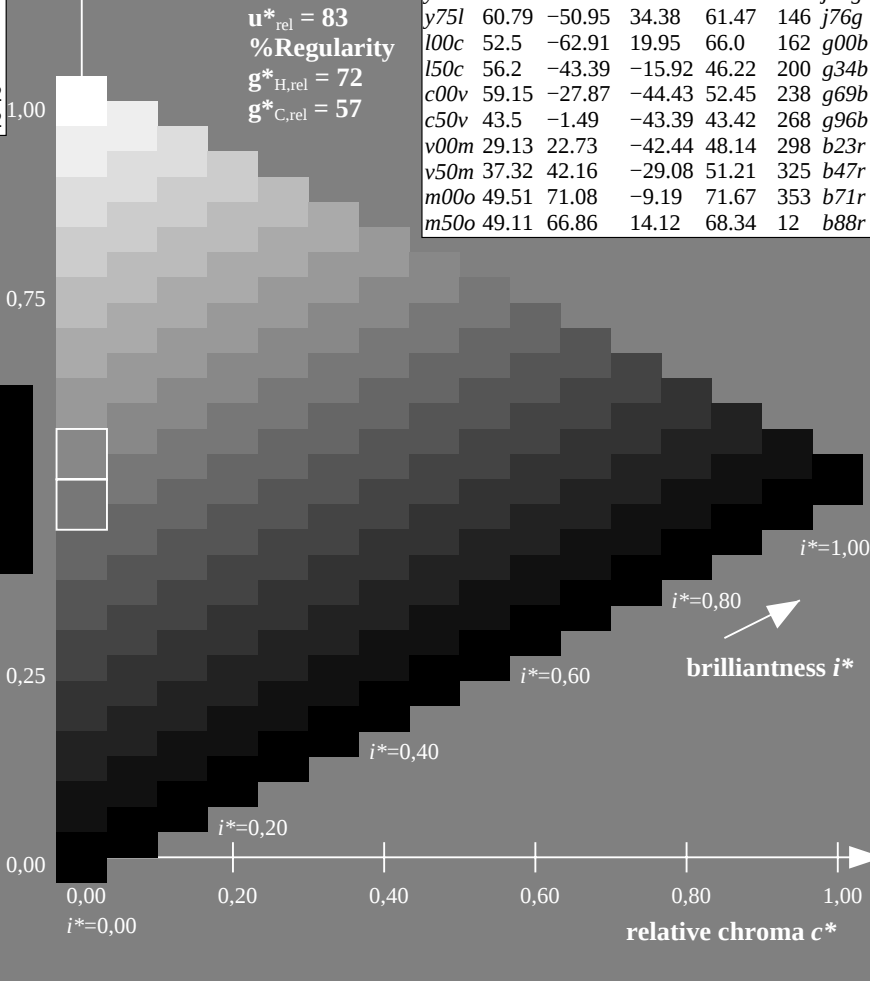
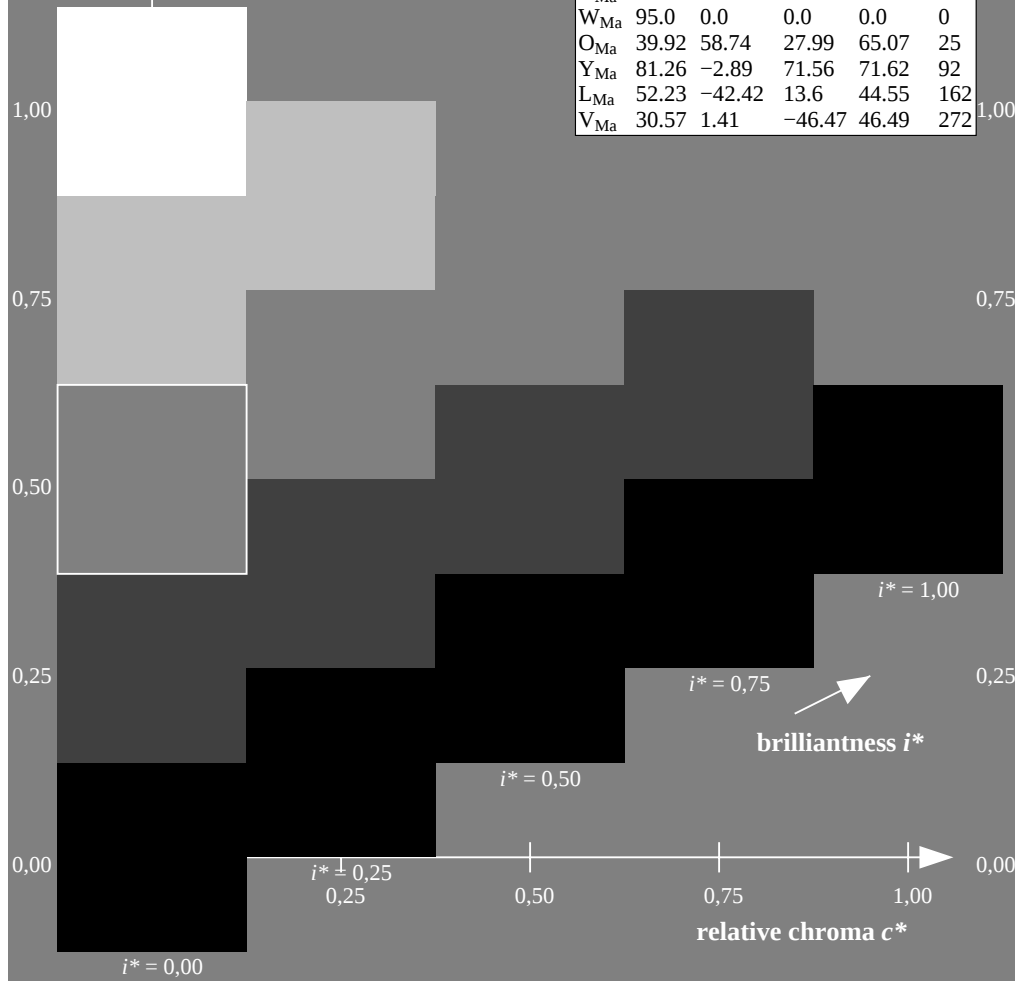
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

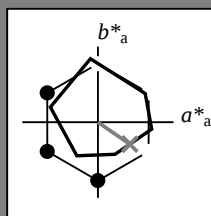
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v00m$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 37 42 -29

$LAB^*LCH^*_{Ma}$: 37 51 325

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

$lab^*rgb^*_{Ma}$: 0.94 0.0 1.0

triangle lightness t^*

%Gamut

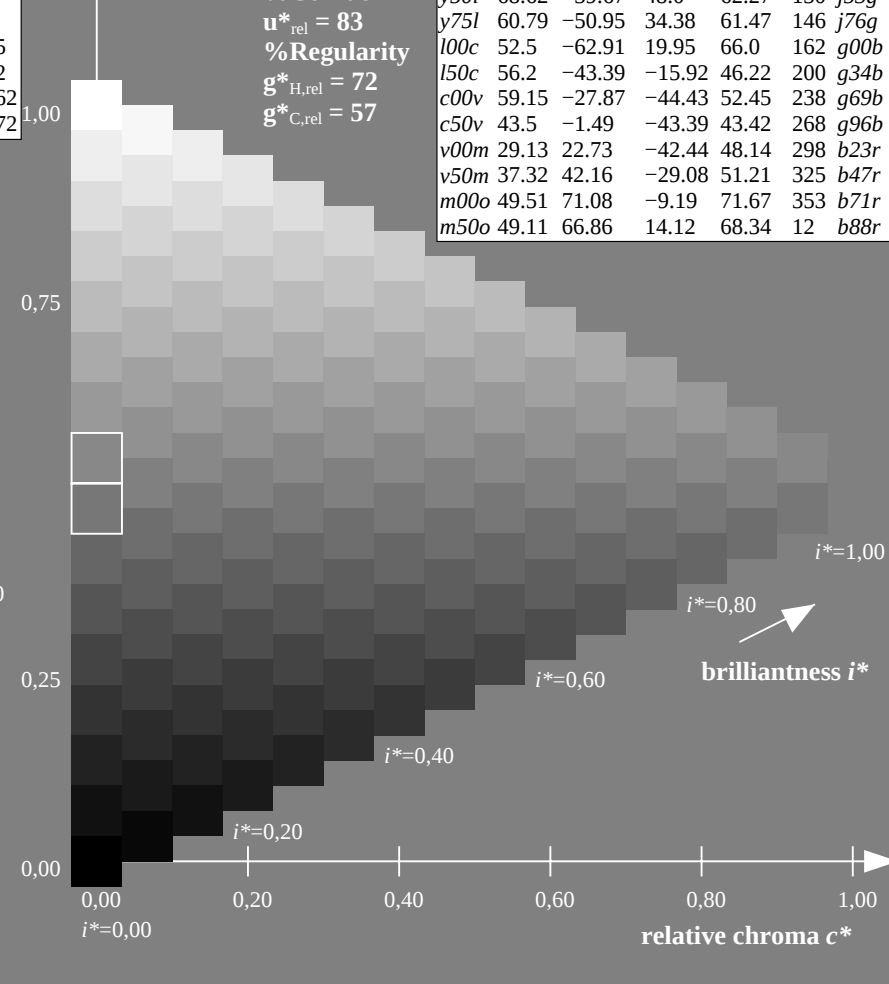
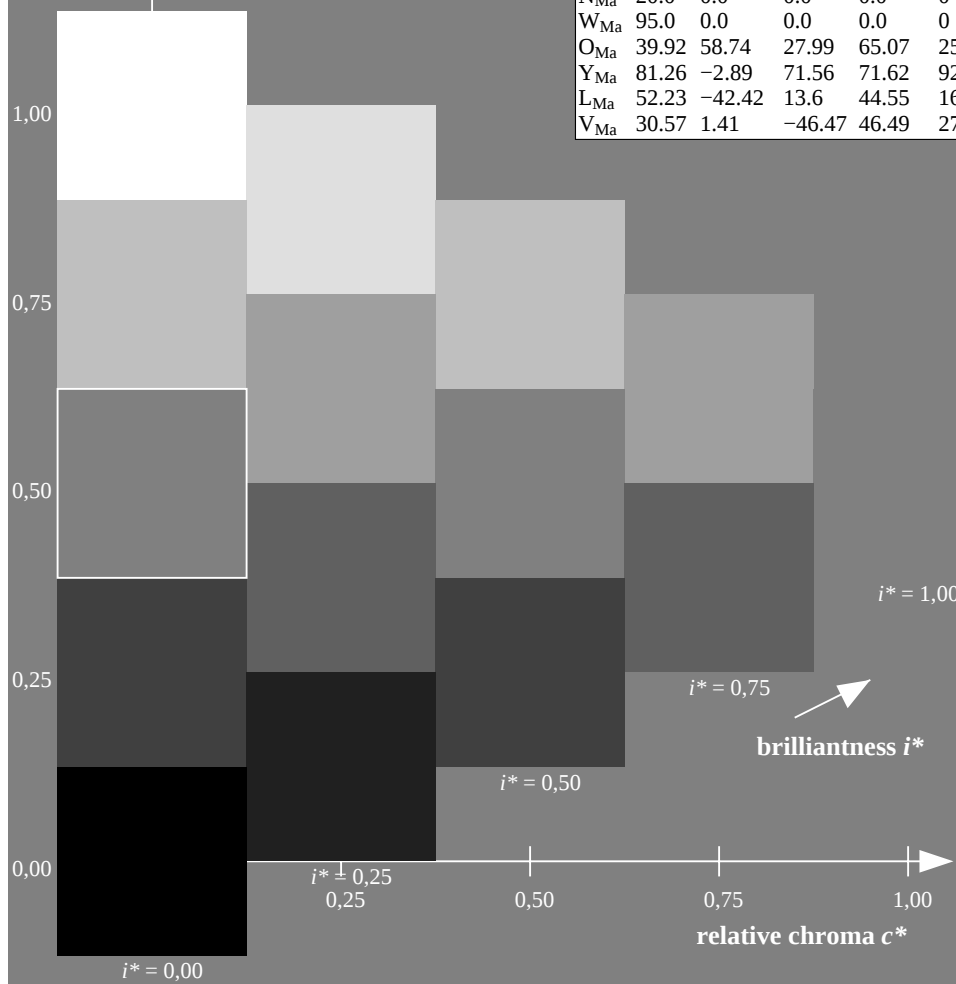
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

data for any colour:

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

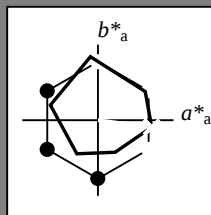
Hue texts:

$u^*_d = m00o$ $u^*_e = b71r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 71 -9

$LAB^*LCH^*_{Ma}$: 50 72 352

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

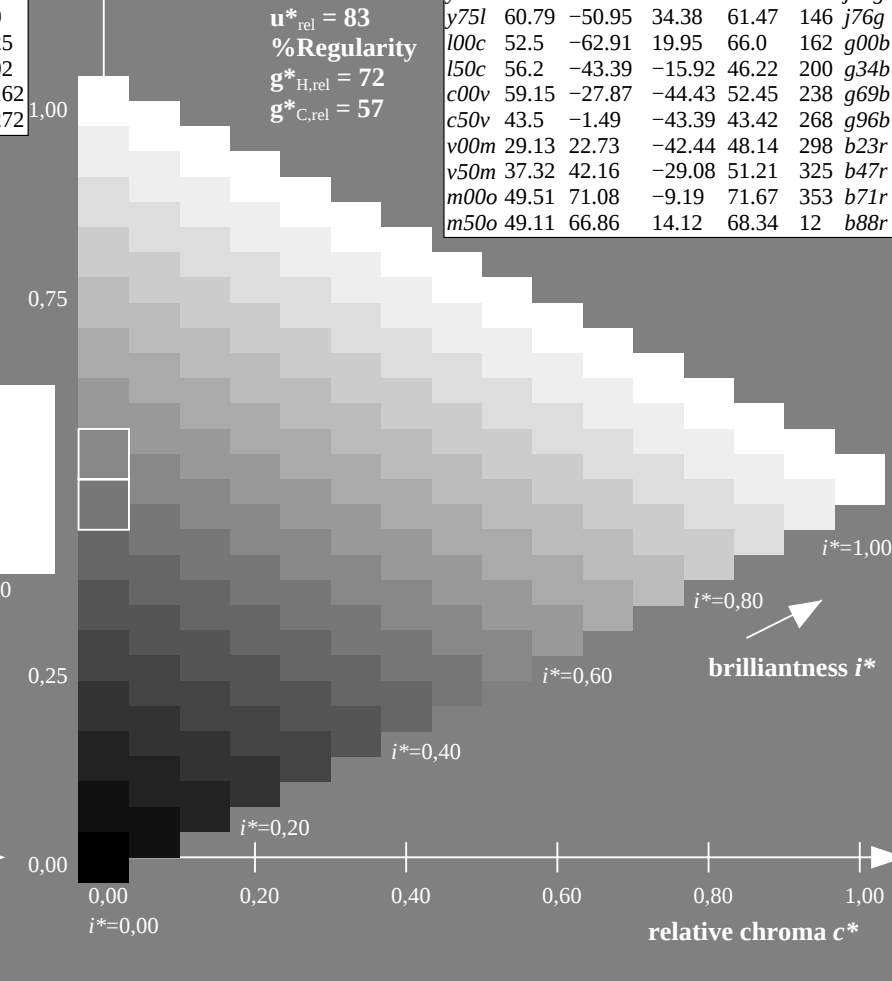
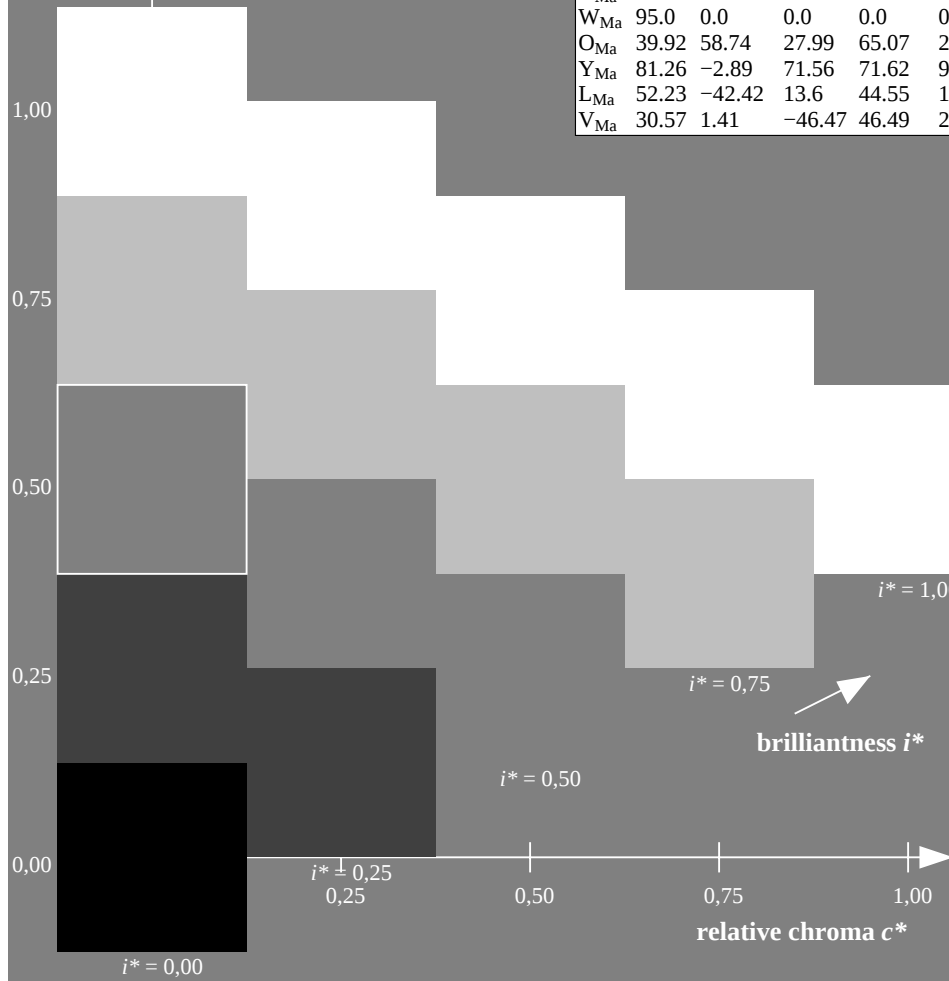
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m00o$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

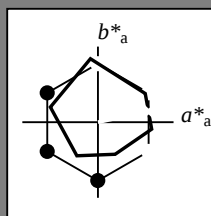
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 67 14

$LAB^*LCH^*_{Ma}$: 49 68 11

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.24

triangle lightness t^*

%Gamut

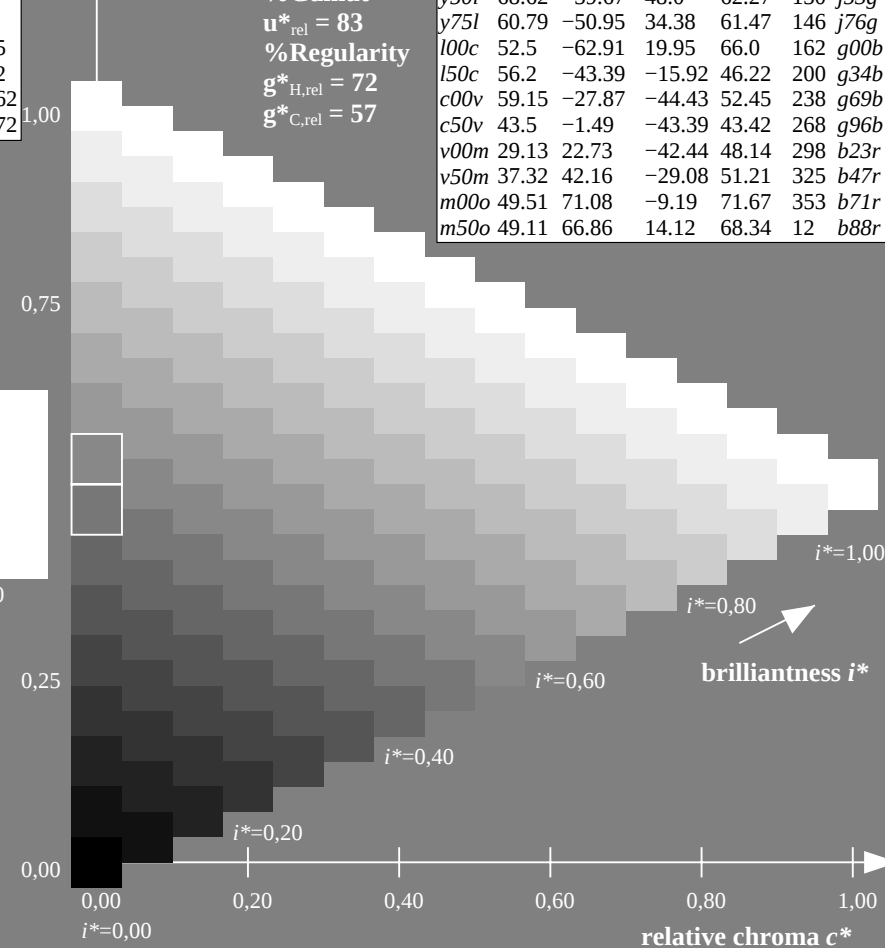
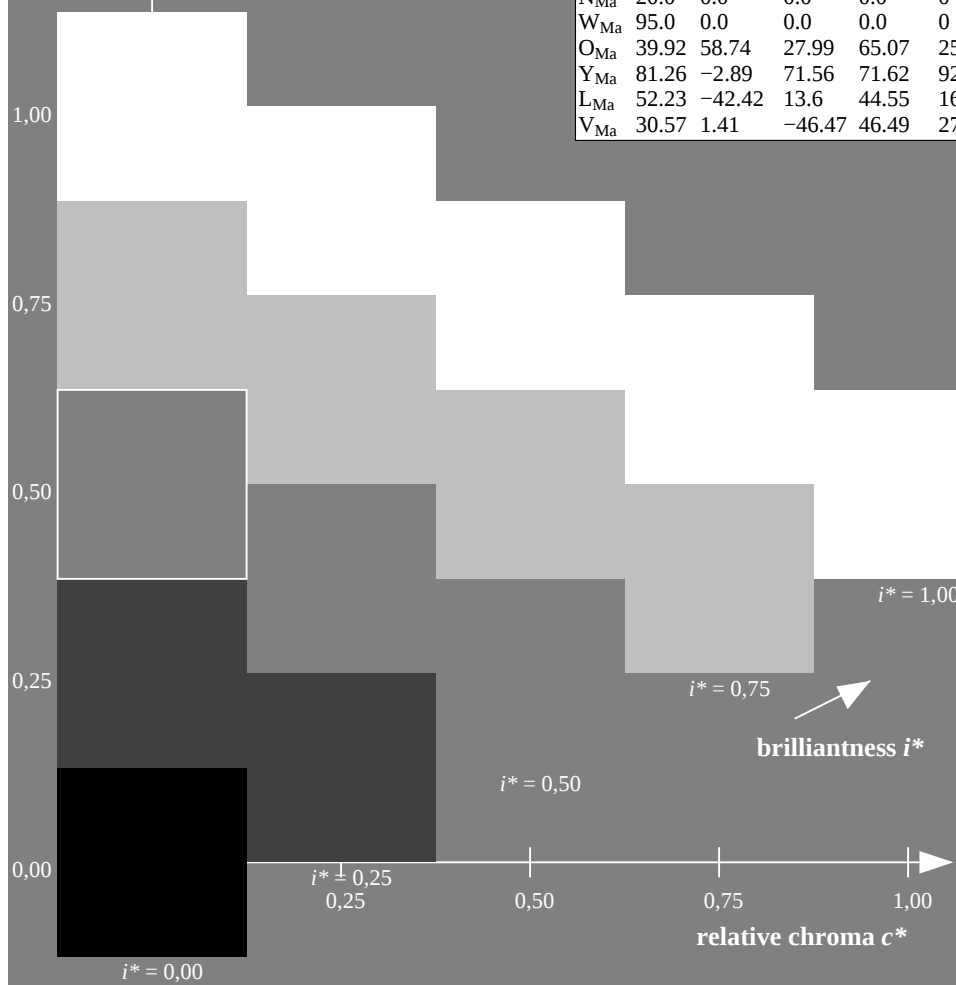
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

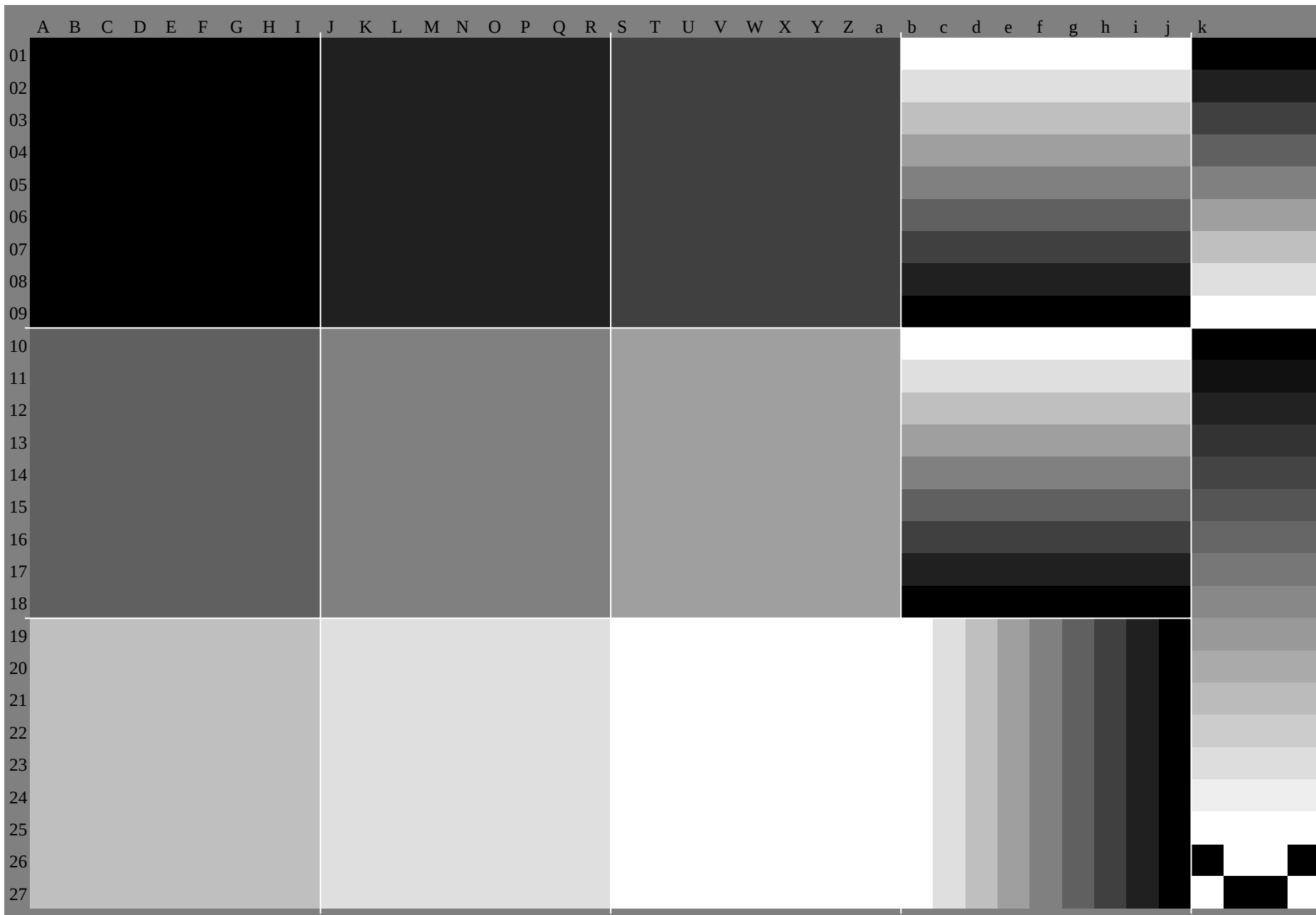
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de/Ee45/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee45/10L/L45E00NA.PS/ .TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

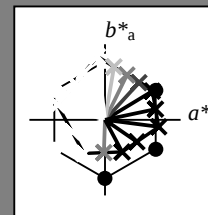
$u^*_d = 16$ hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut

$u^*_{rel} = 83$

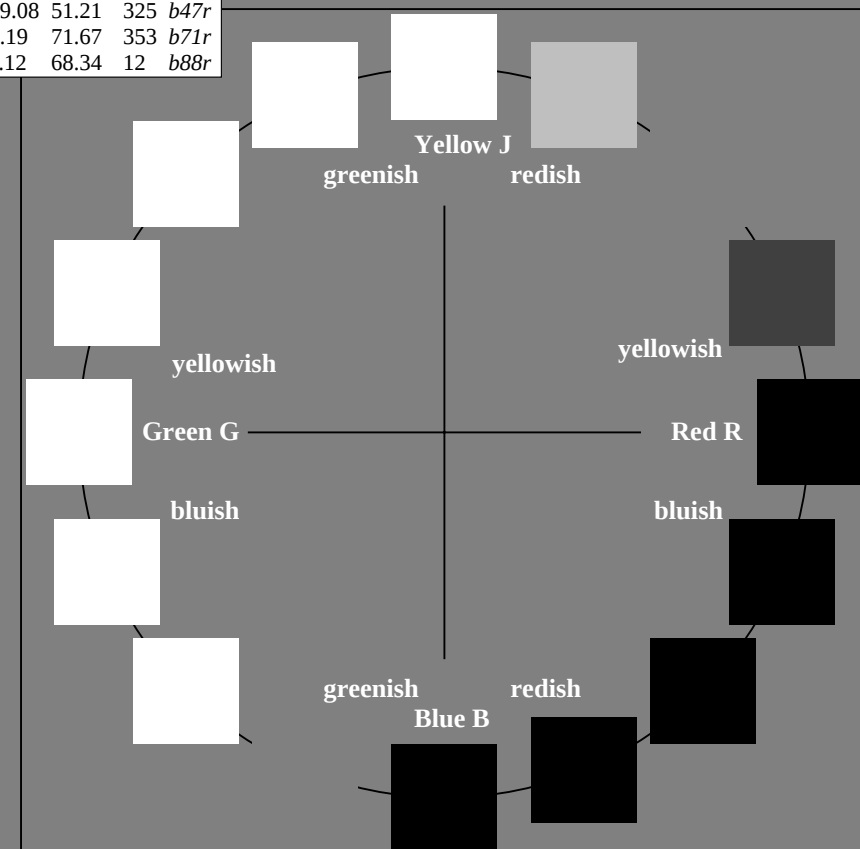
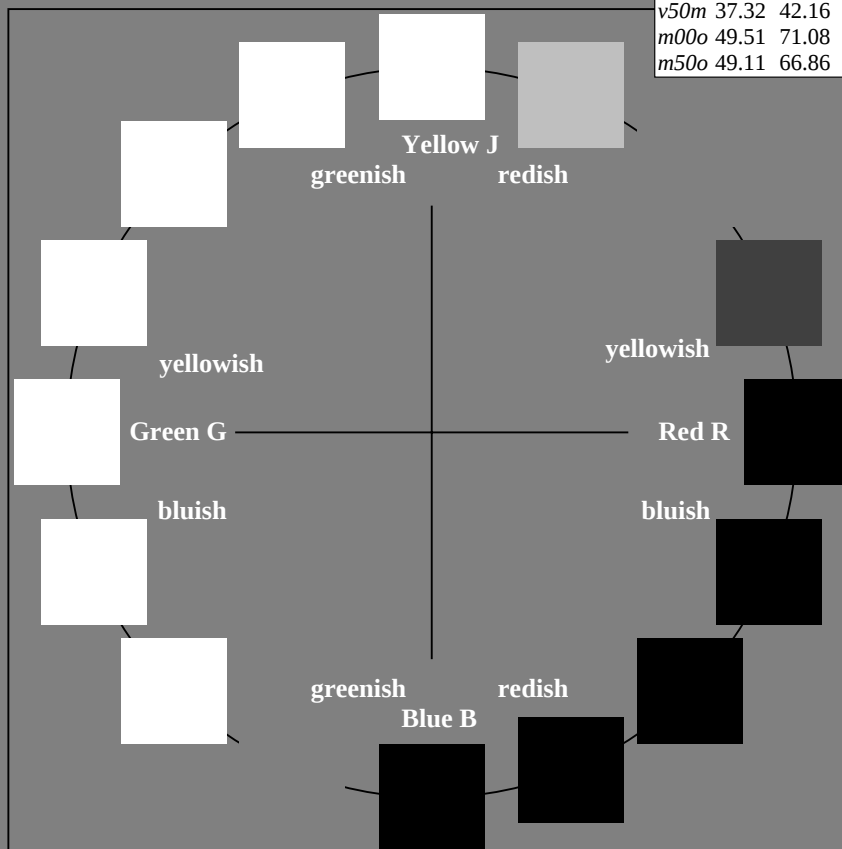
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

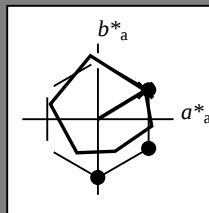
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



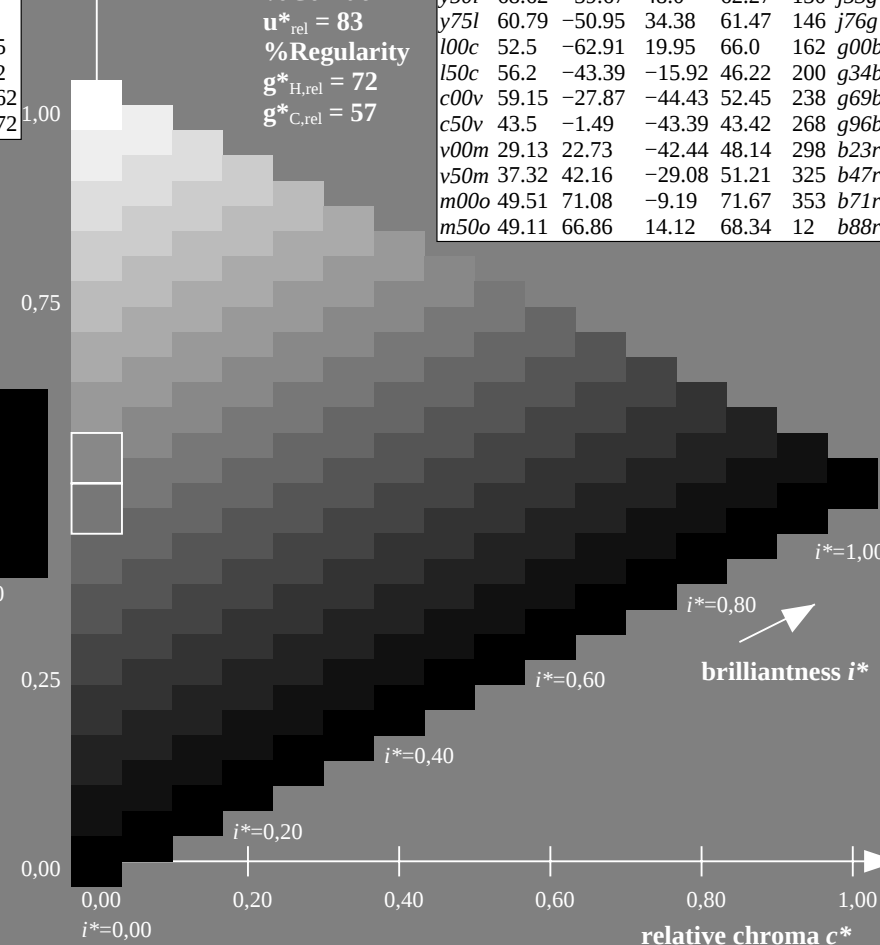
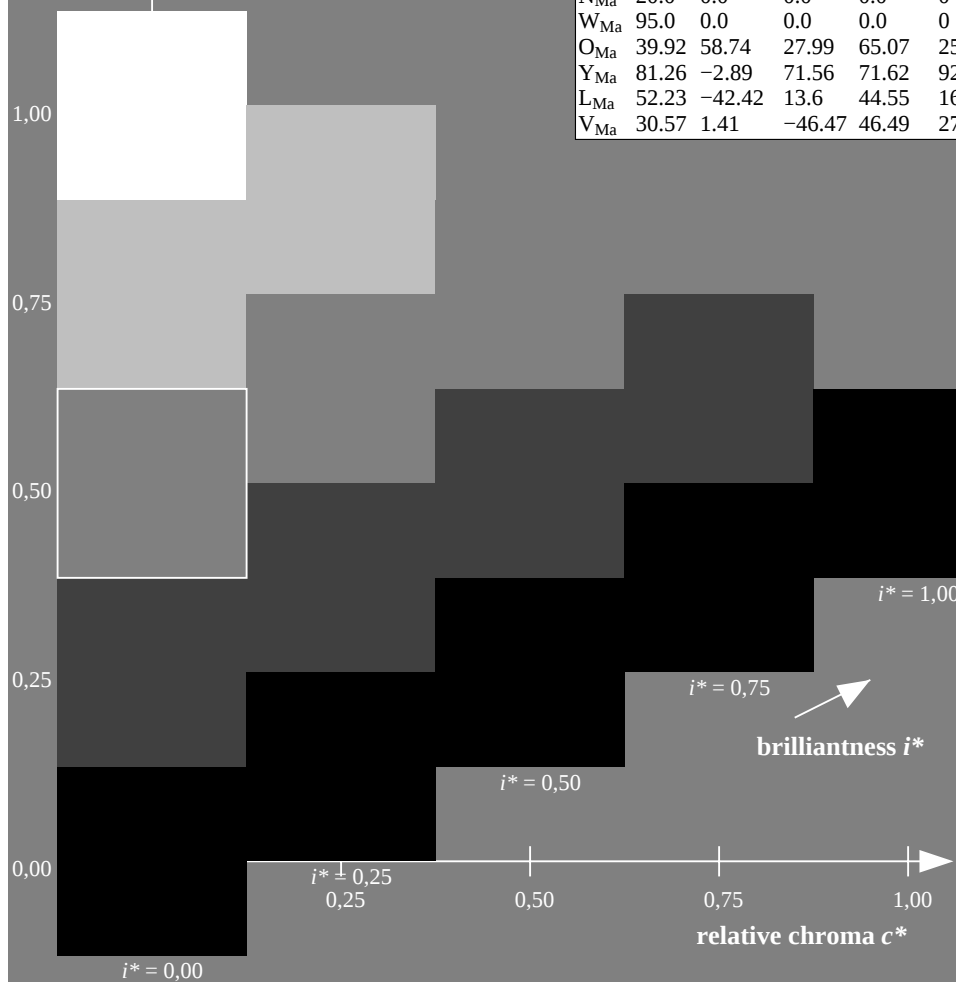
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 63 38
 $LAB^*LCH^*_{Ma}$: 49 73 31
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.09 0.0
triangle lightness t^*

%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:

lab^*ch^* and lab^*icu^*

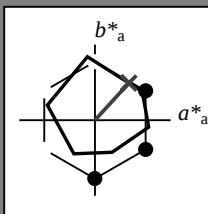
Hue texts:

$u^*_d = o25y$ $u^*_e = r33j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 45 49

$LAB^*LCH^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

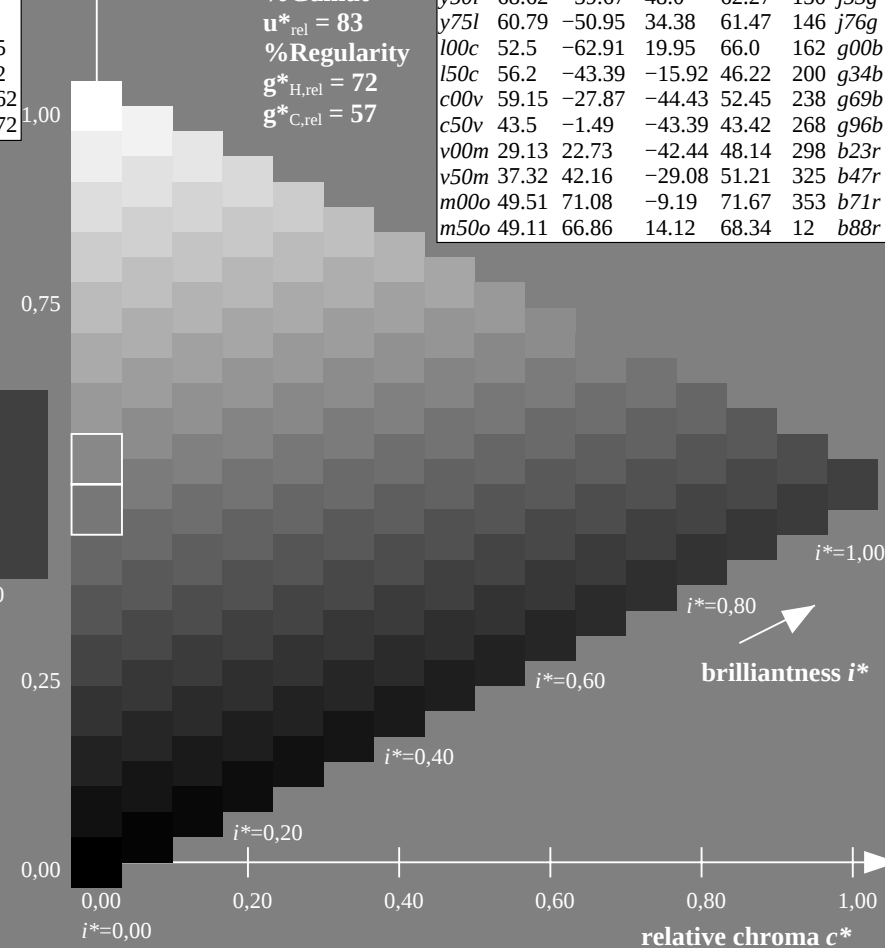
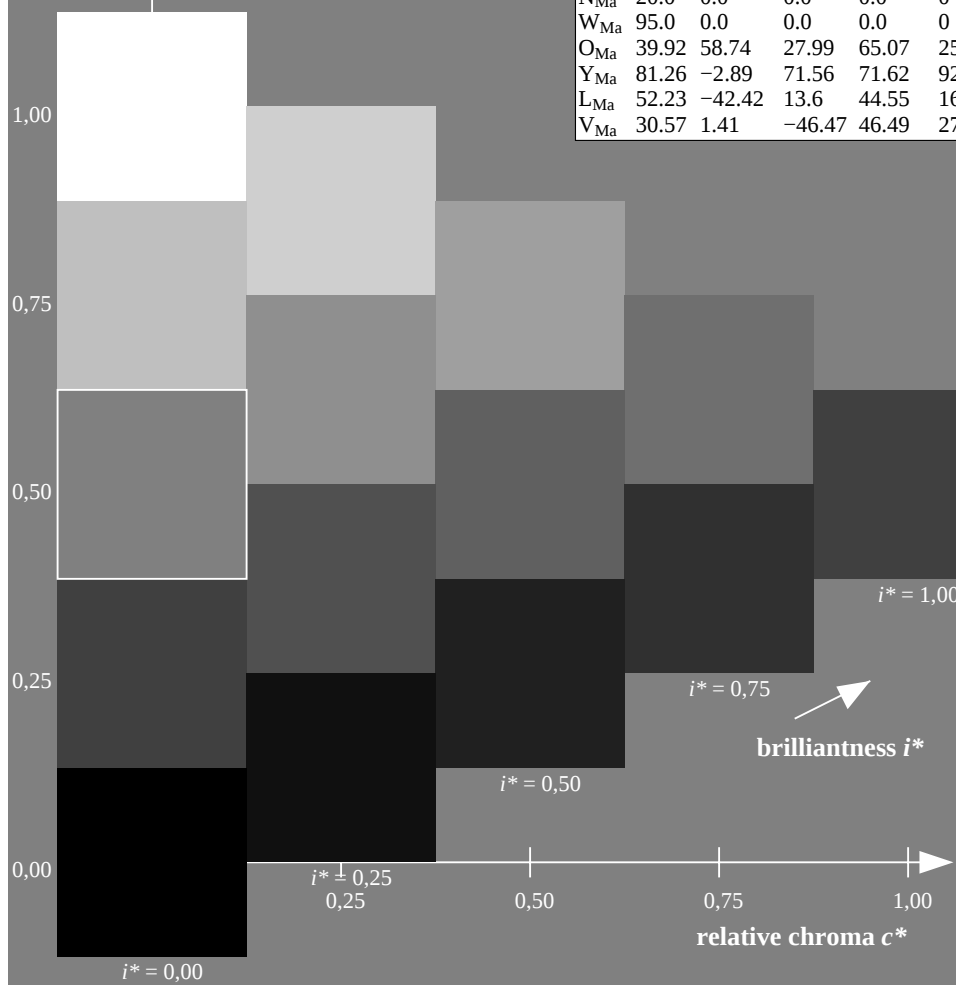
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

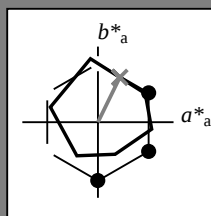
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o50y$ $u^*_e = r57j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



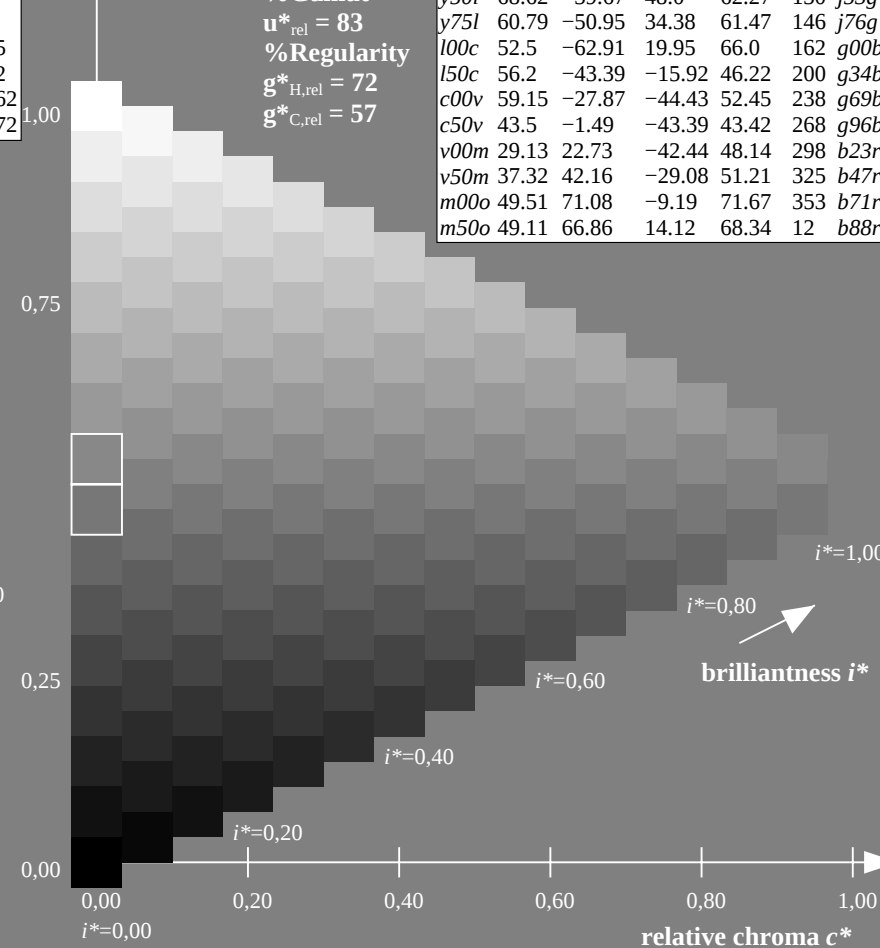
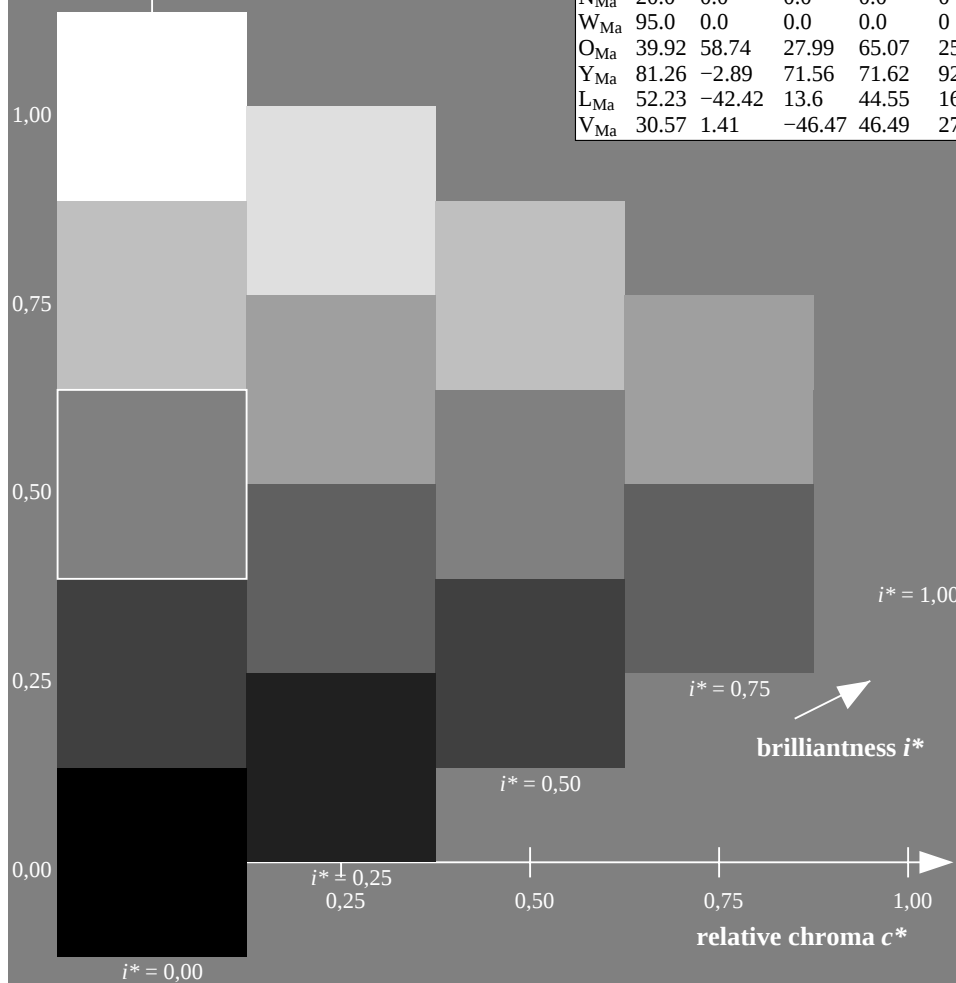
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 68 29 59
 $LAB^*LCH^*_{Ma}$: 68 66 63
 $lab^*olv^*_{Ma}$: 1.0 0.5 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.58 0.0
triangle lightness t^*

%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

data for any colour:

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

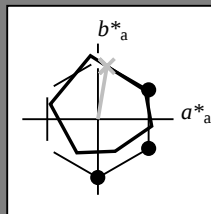
Hue texts:

$u^*_d = o75y$ $u^*_e = r81j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 12 70

$LAB^*LCH^*_{Ma}$: 77 71 80

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

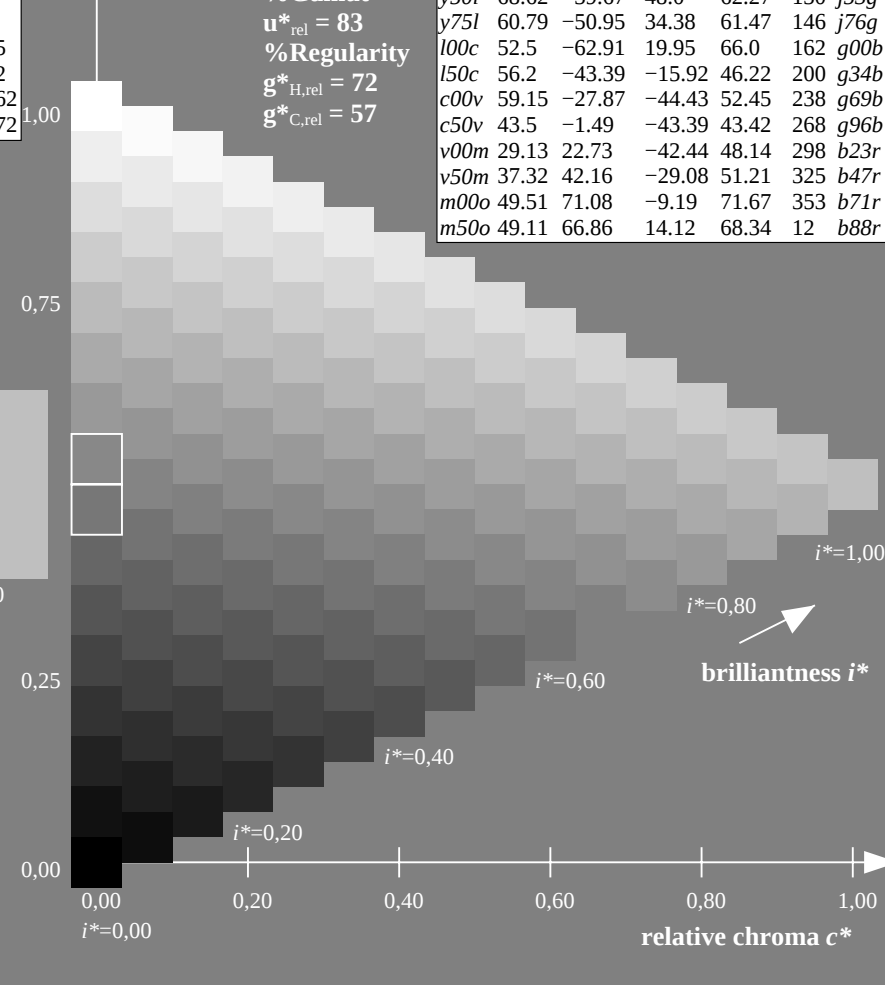
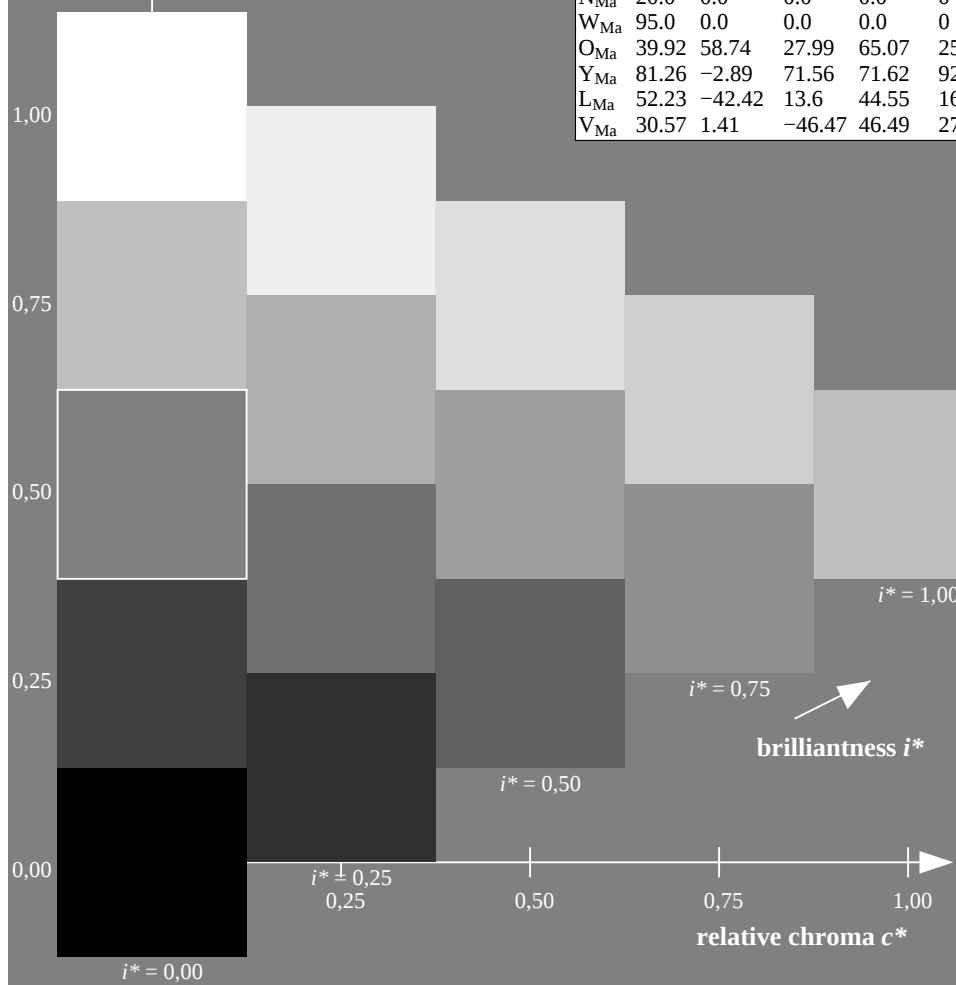
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$
data for any colour:

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

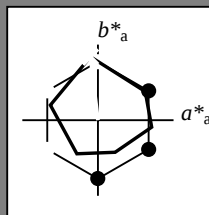
Hue texts:

$u^*_d = y00l$ $u^*_e = j06g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 89 -10 84

$LAB^*LCH^*_{Ma}$: 89 84 96

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

$lab^*rgb^*_{Ma}$: 0.94 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

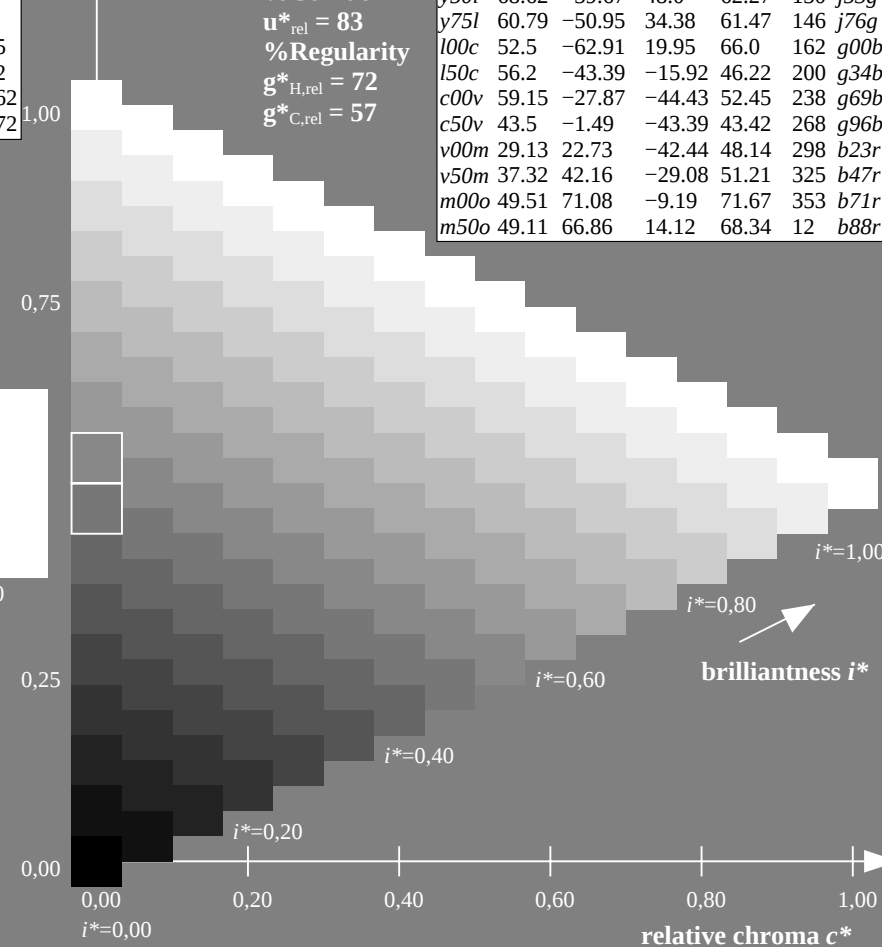
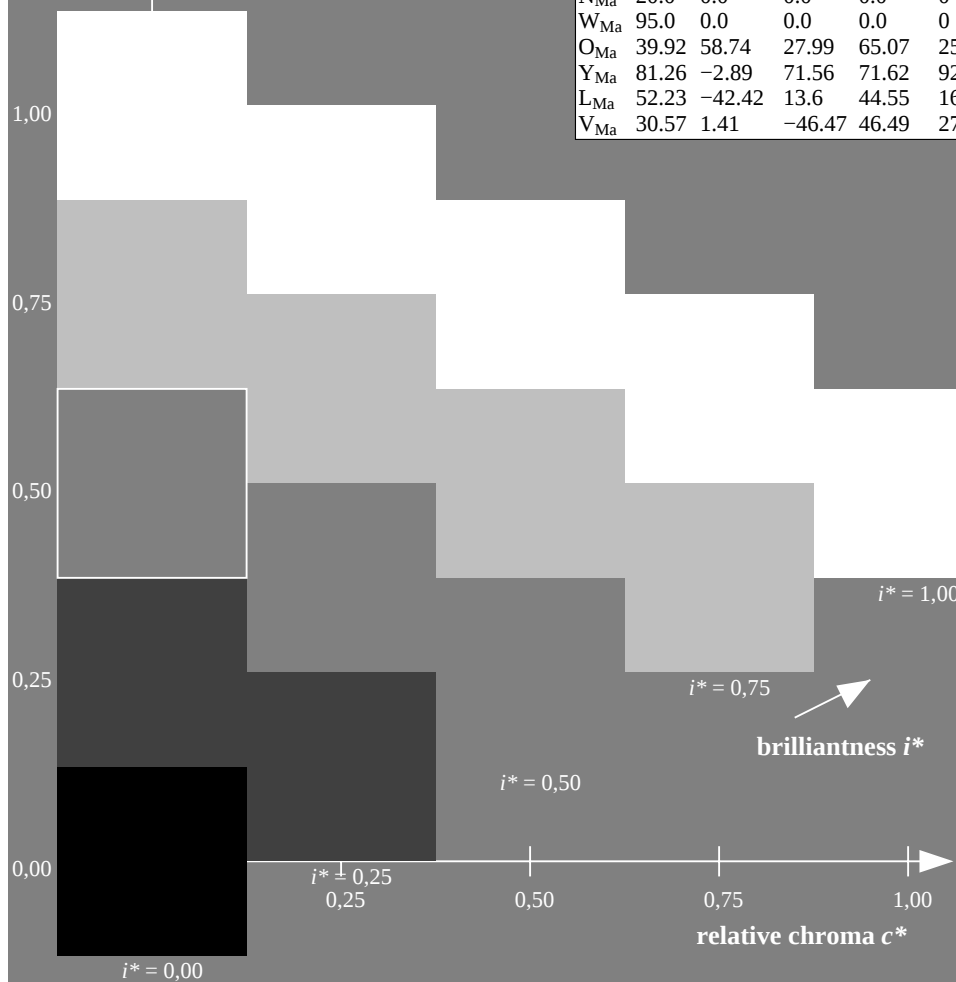
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

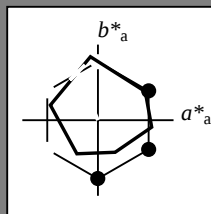
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y00l$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y25l$ $u^*_e = j30g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 -27 63

$LAB^*LCH^*_{Ma}$: 77 69 113

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

$lab^*rgb^*_{Ma}$: 0.7 1.0 0.0

triangle lightness t^*

%Gamut

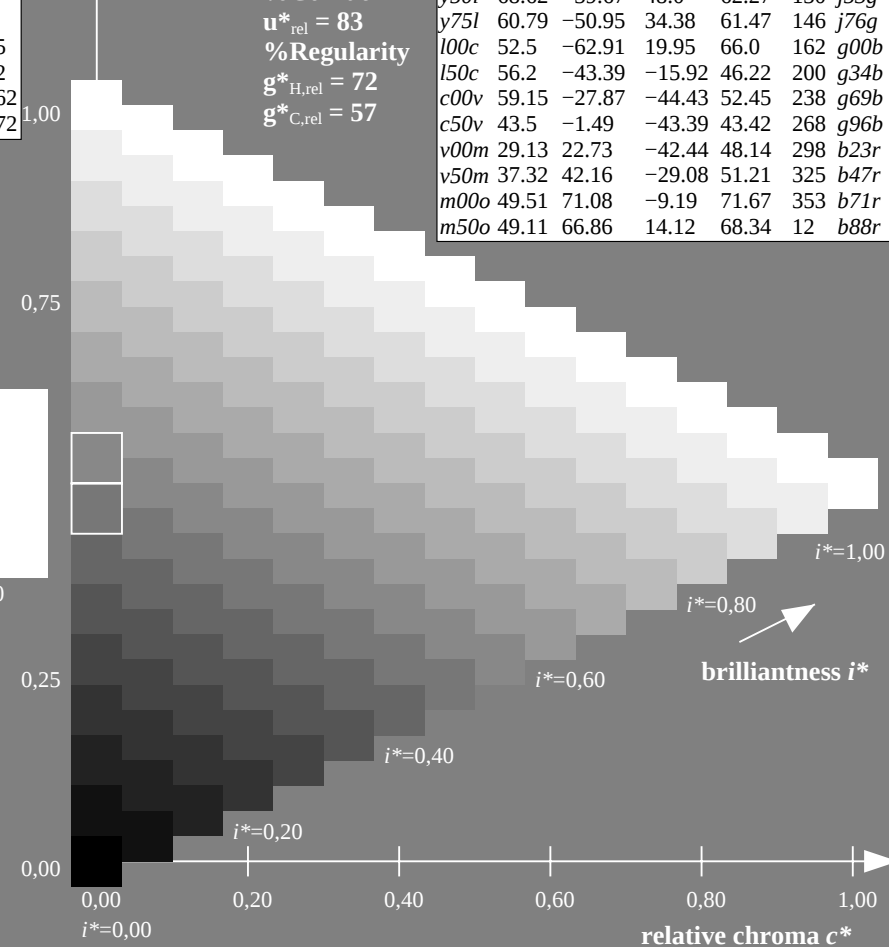
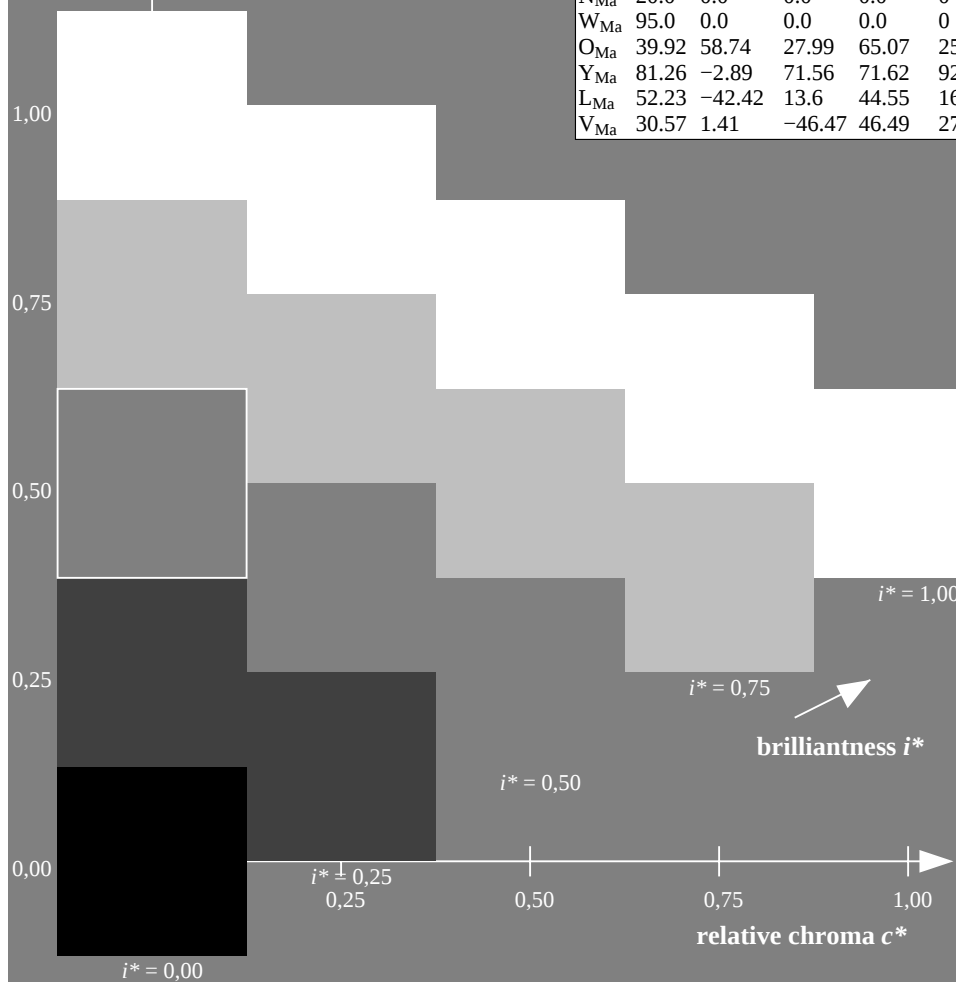
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$

data for any colour:

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

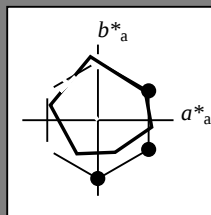
Hue texts:

$u^*_d = y50l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 69 -40 48

$LAB^*LCH^*_{Ma}$: 69 62 129

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

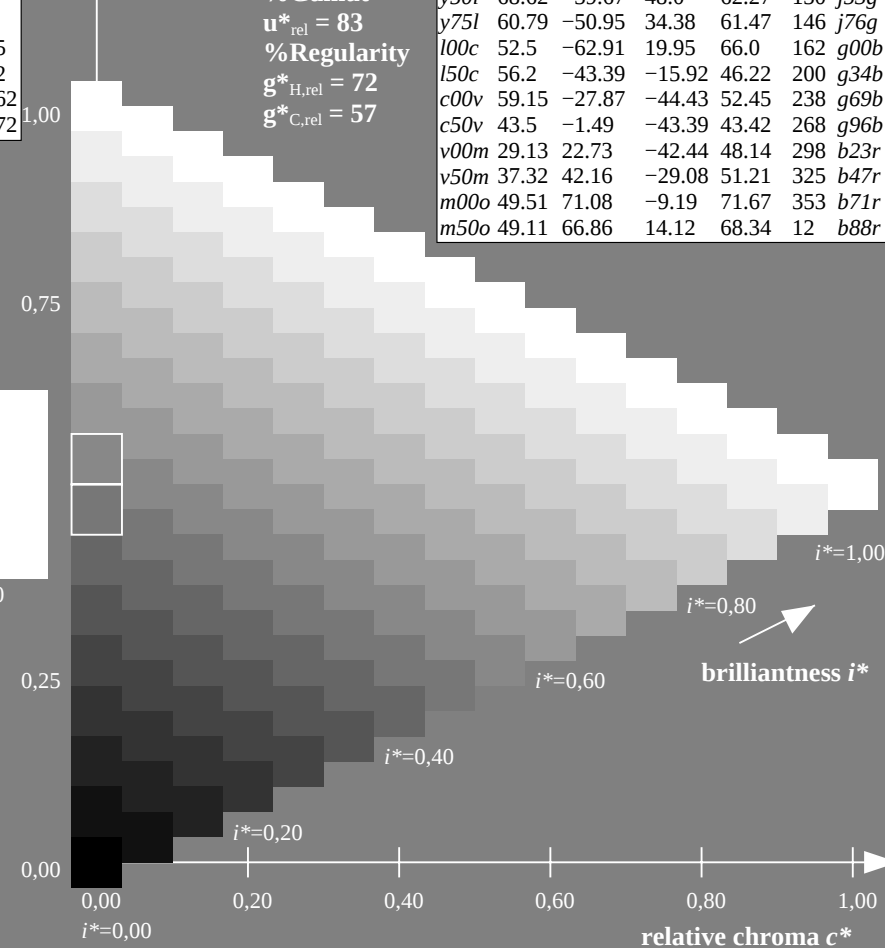
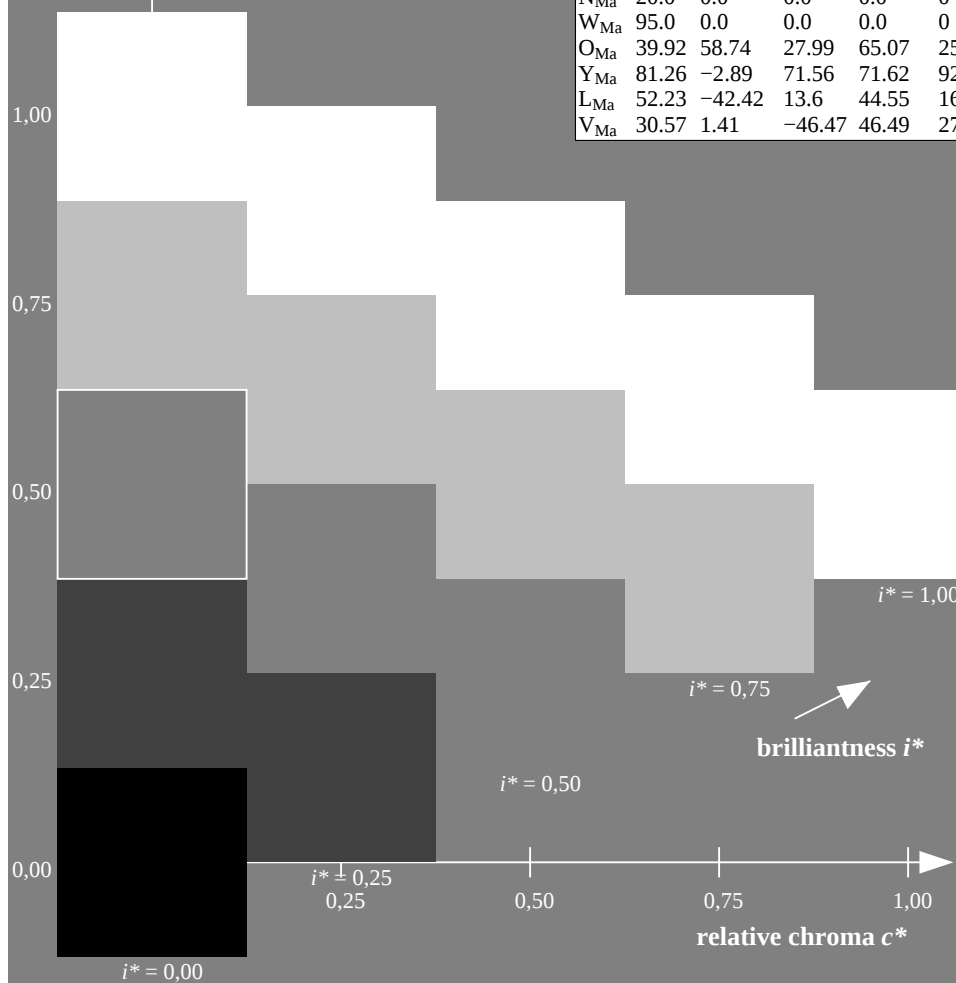
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

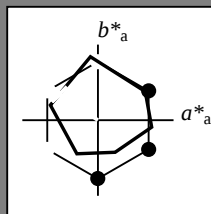
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 61 -51 34

$LAB^*LCH^*_{Ma}$: 61 61 145

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

$lab^*rgb^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

%Gamut

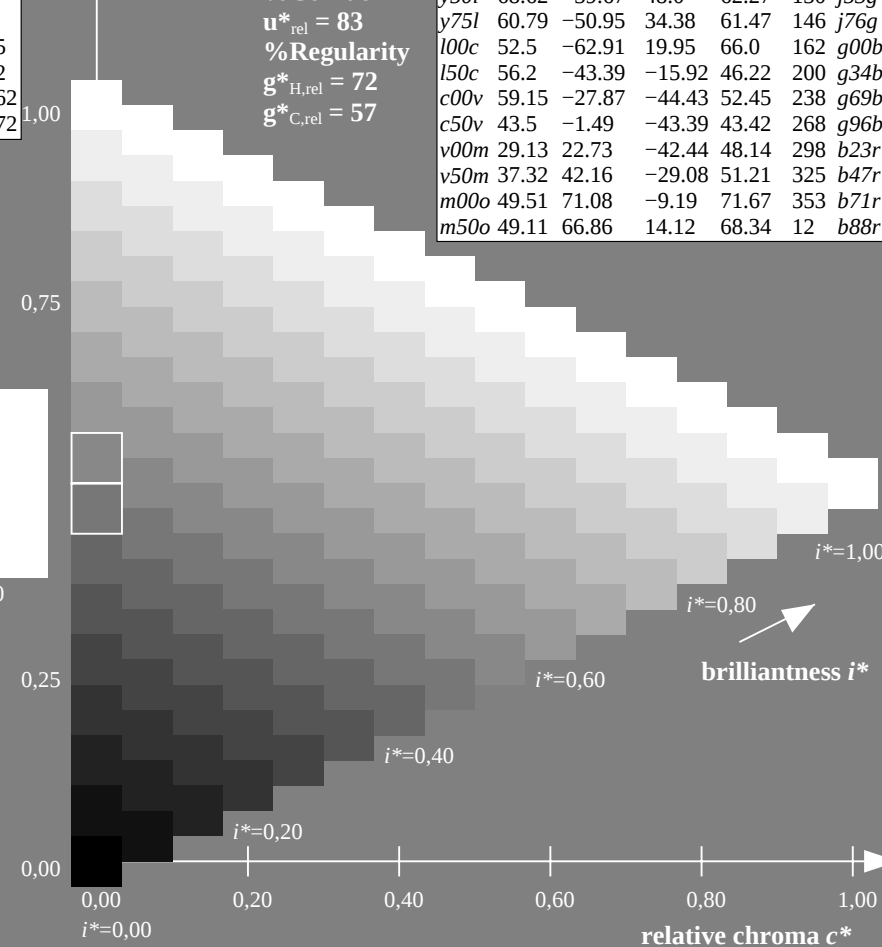
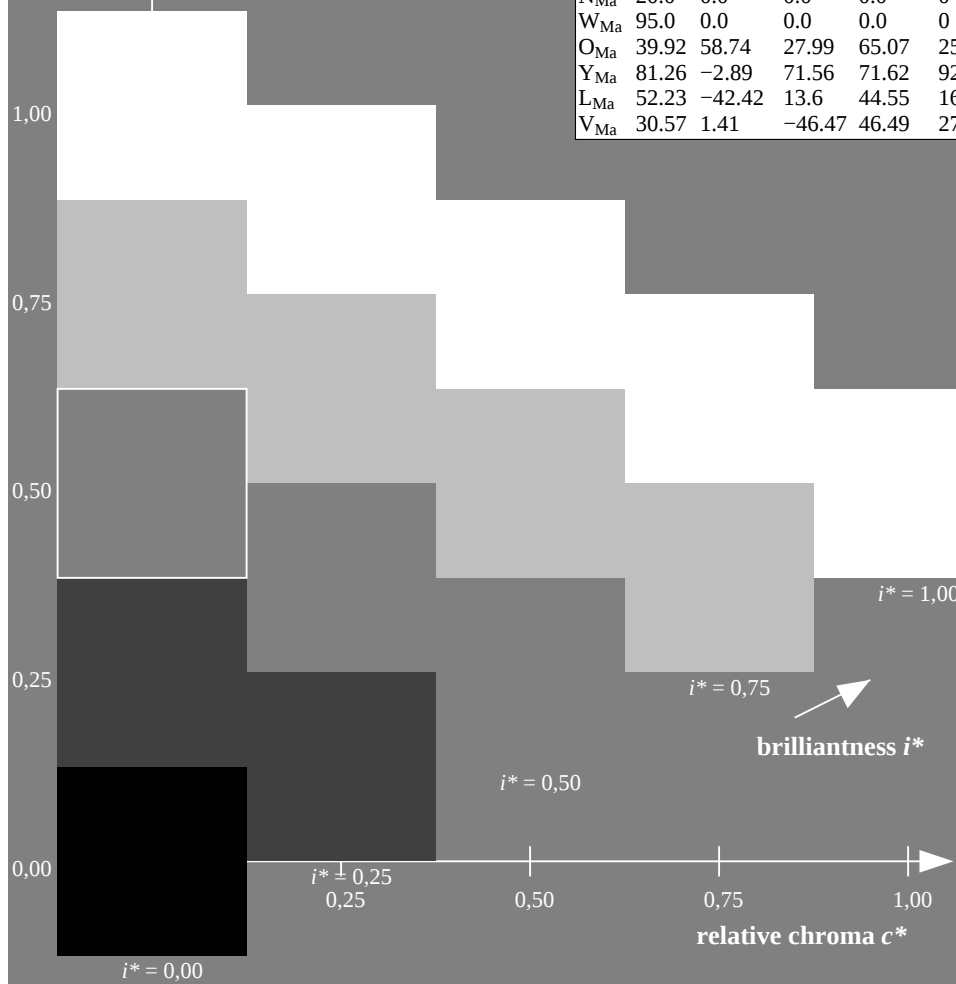
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

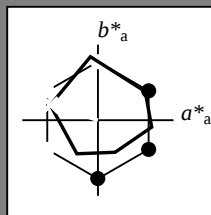
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 100c$ $u^*_e = g00b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -63 20

$LAB^*LCH^*_{Ma}$: 52 66 162

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

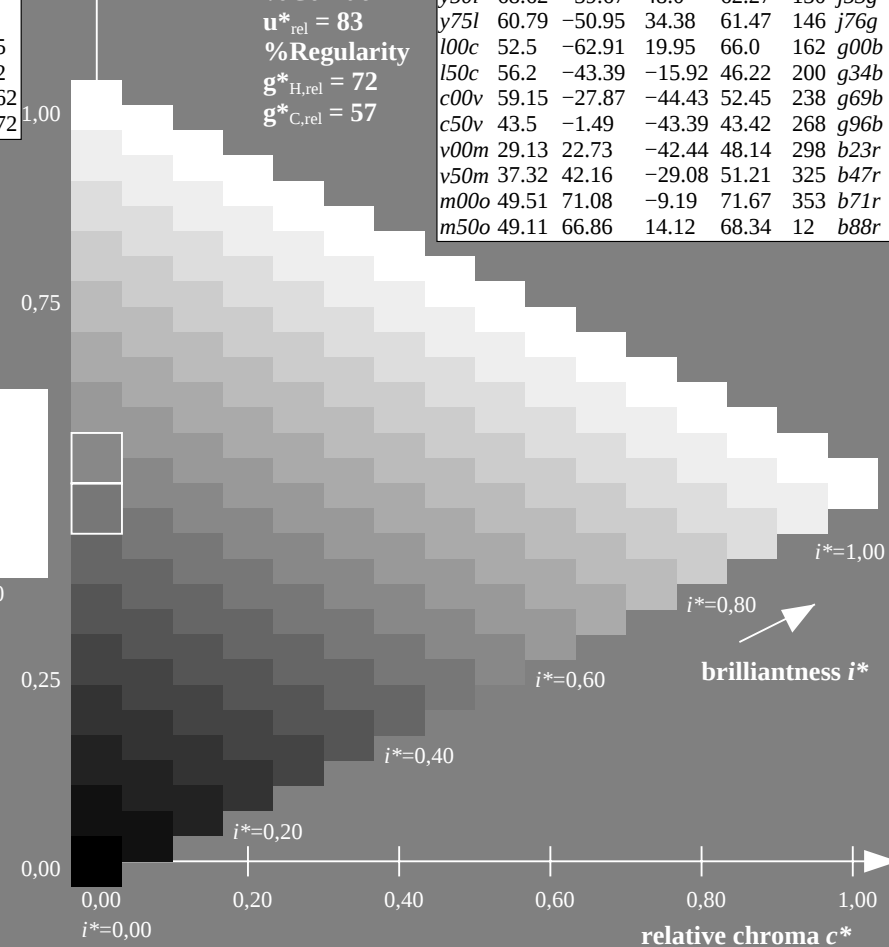
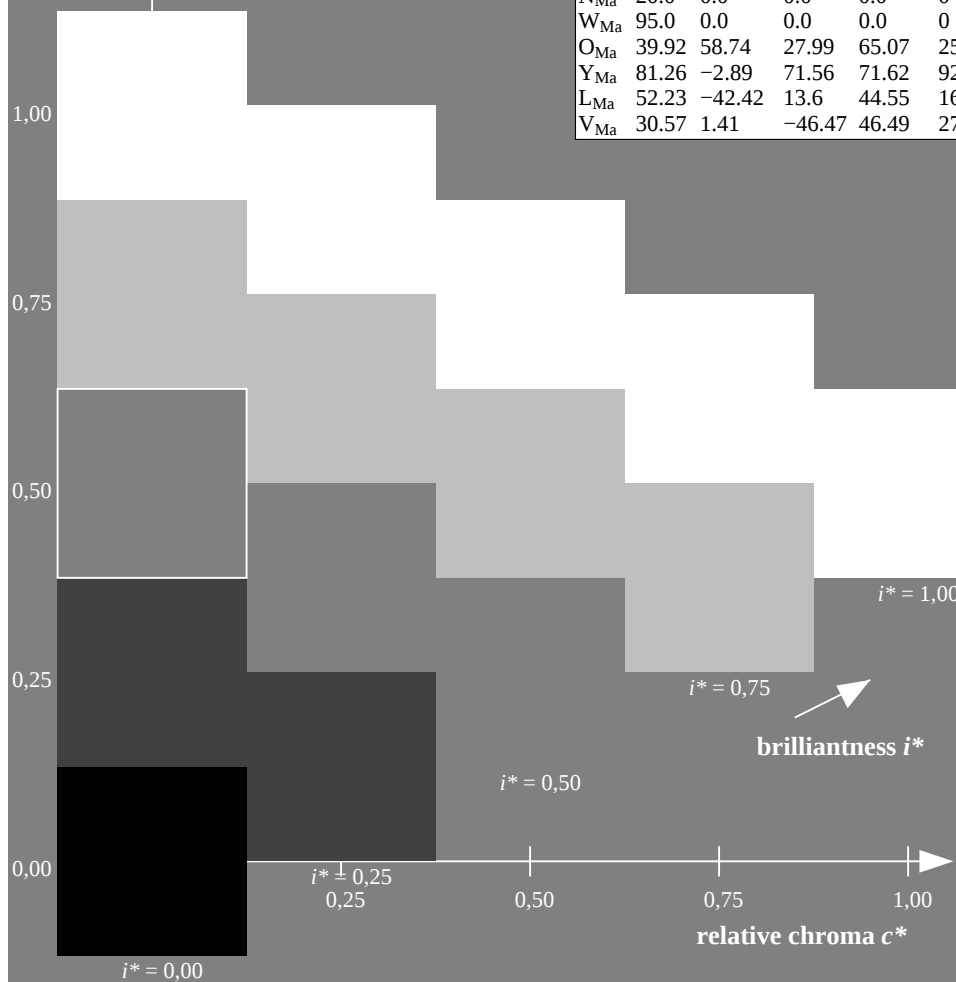
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

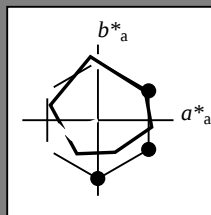
ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	48.71	62.56	37.91	73.15	31
o25y	58.6	44.87	49.14	66.54	48
o50y	67.52	28.93	59.25	65.94	64
o75y	77.05	11.9	70.06	71.06	80
y00l	89.25	-9.92	83.91	84.49	97
y25l	77.37	-27.05	63.23	68.78	113
y50l	68.62	-39.67	48.0	62.27	130
y75l	60.79	-50.95	34.38	61.47	146
l00c	52.5	-62.91	19.95	66.0	162
l50c	56.2	-43.39	-15.92	46.22	200
c00v	59.15	-27.87	-44.43	52.45	238
c50v	43.5	-1.49	-43.39	43.42	268
v00m	29.13	22.73	-42.44	48.14	298
v50m	37.32	42.16	-29.08	51.21	325
m00o	49.51	71.08	-9.19	71.67	353
m50o	49.11	66.86	14.12	68.34	12

$u^*_d = 100c$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -43 -16

$LAB^*LCH^*_{Ma}$: 56 46 200

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

%Gamut

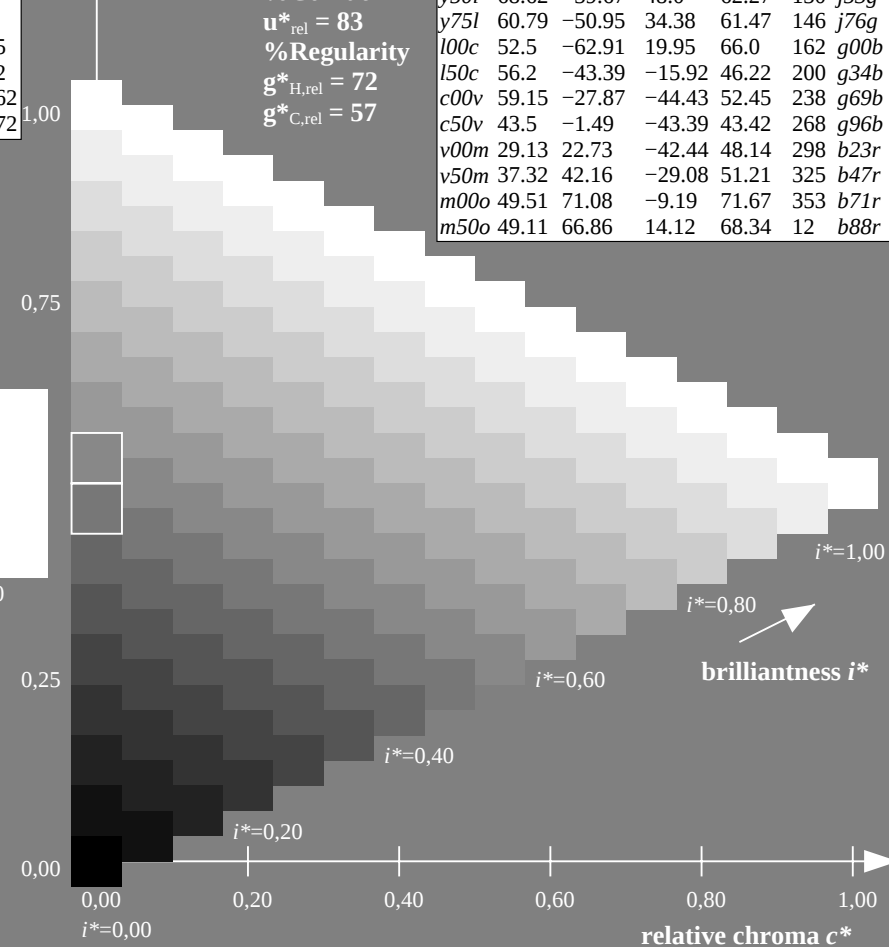
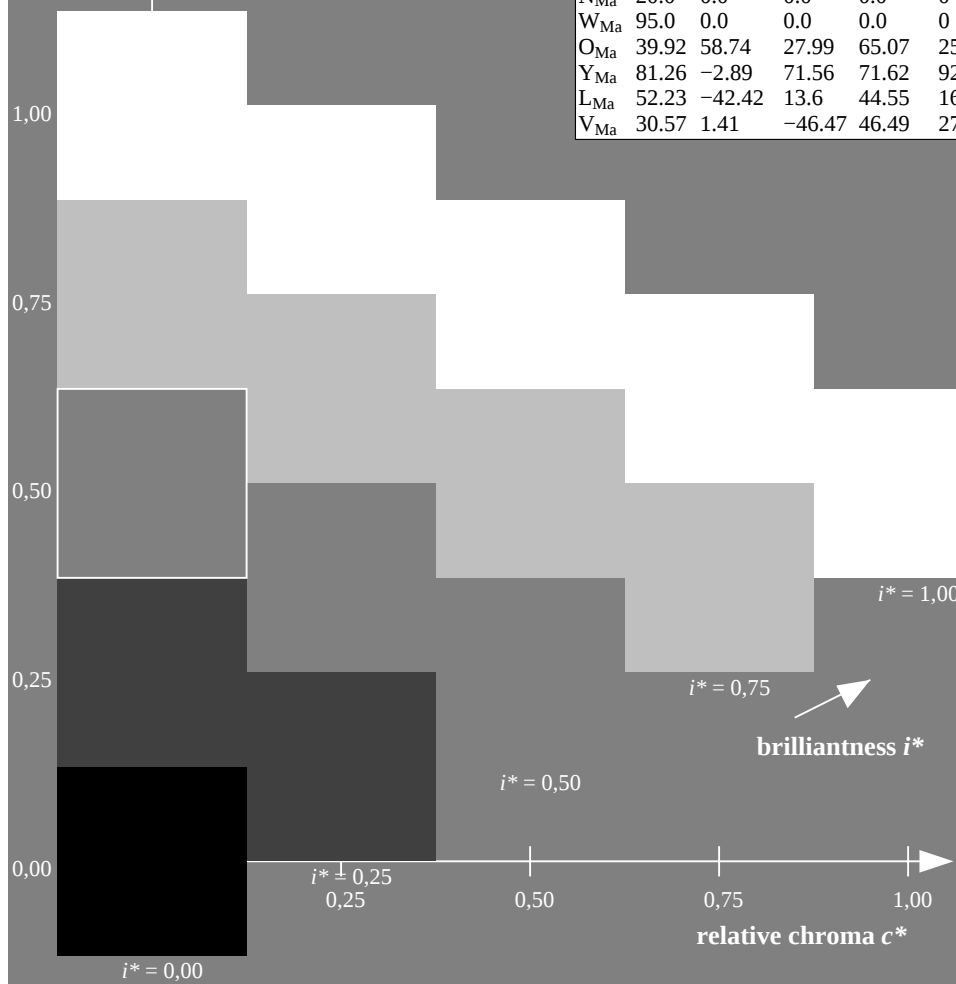
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

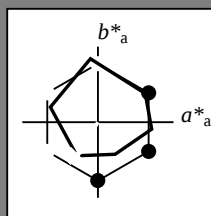
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 -28 -44

$LAB^*LCH^*_{Ma}$: 59 52 237

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

$lab^*rgb^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

%Gamut

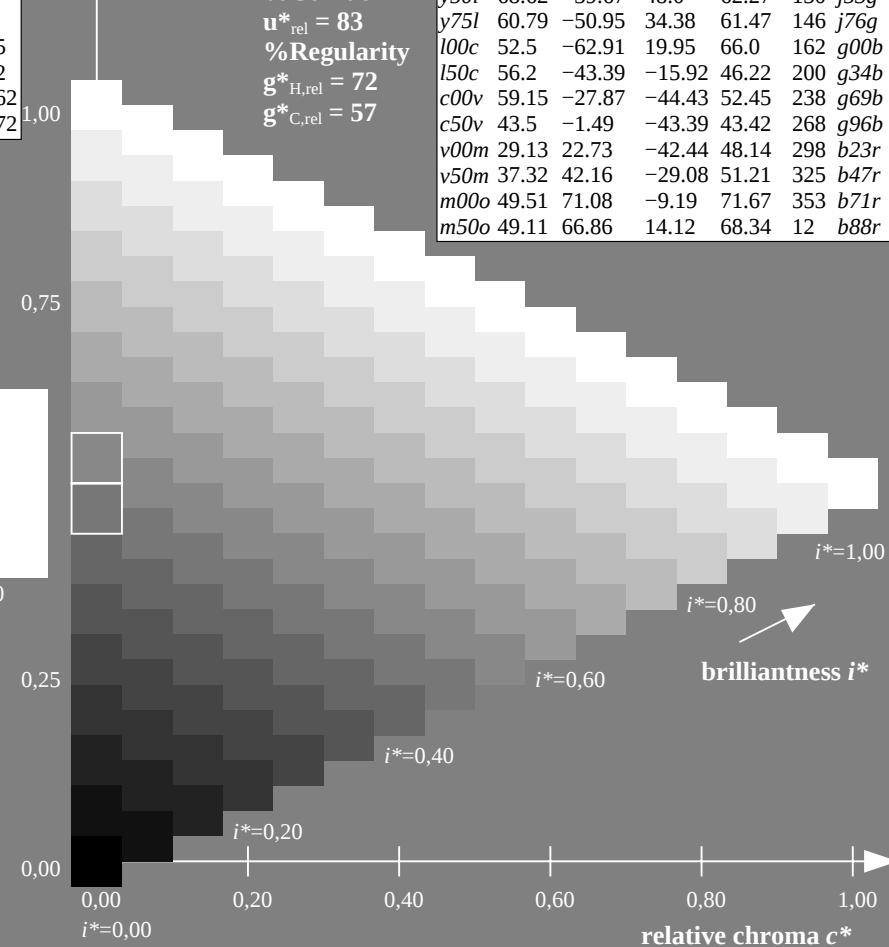
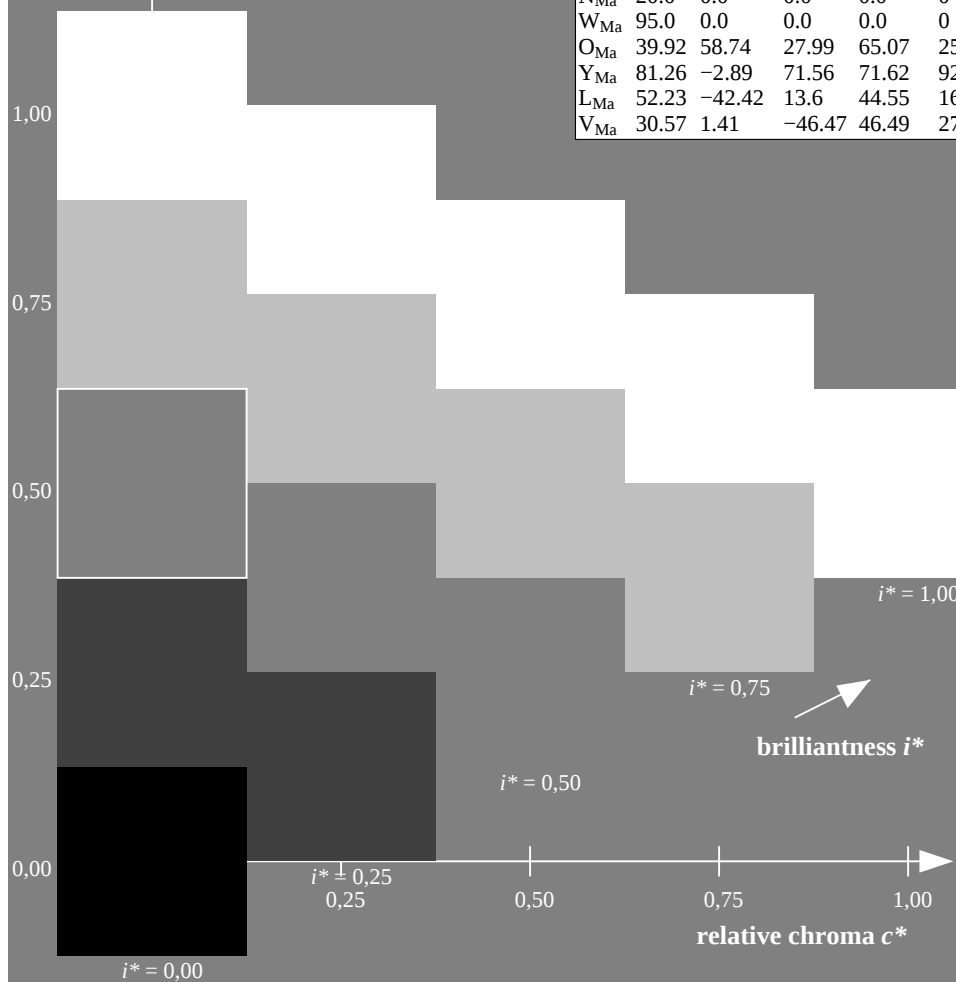
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

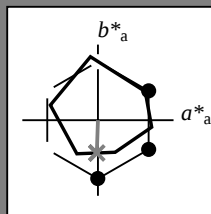
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 43 -1 -43

$LAB^*LCH^*_{Ma}$: 43 43 268

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

$lab^*rgb^*_{Ma}$: 0.0 0.07 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

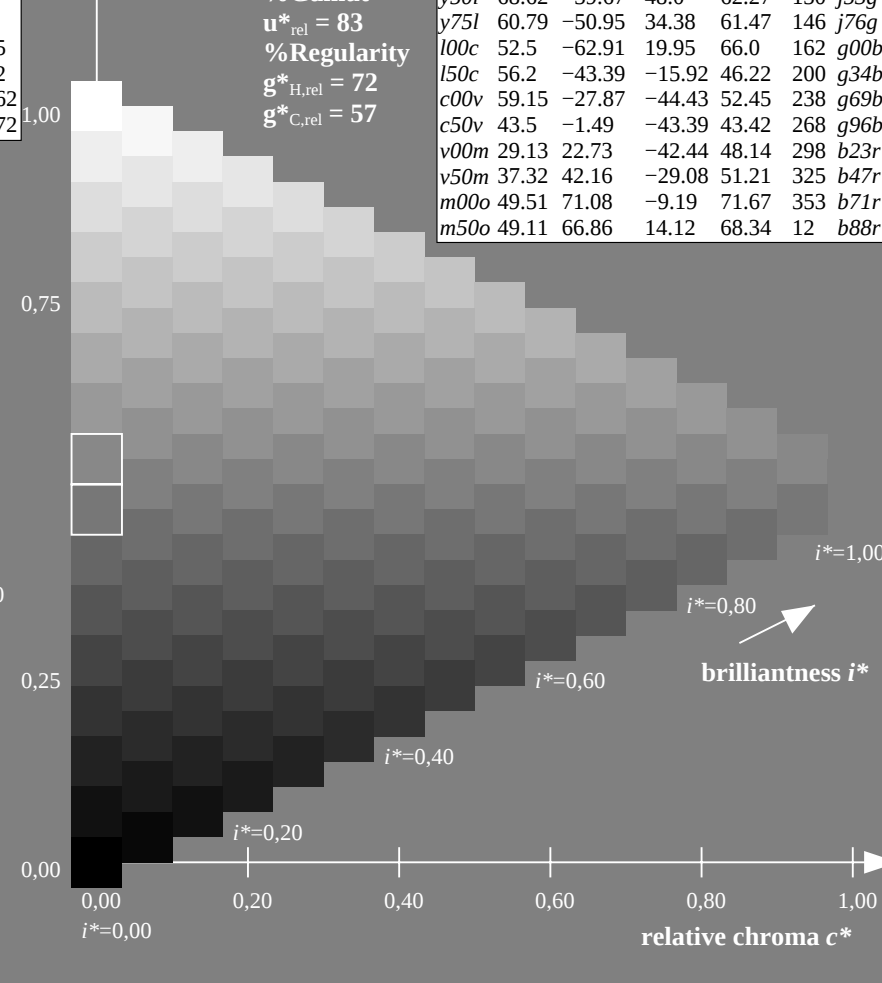
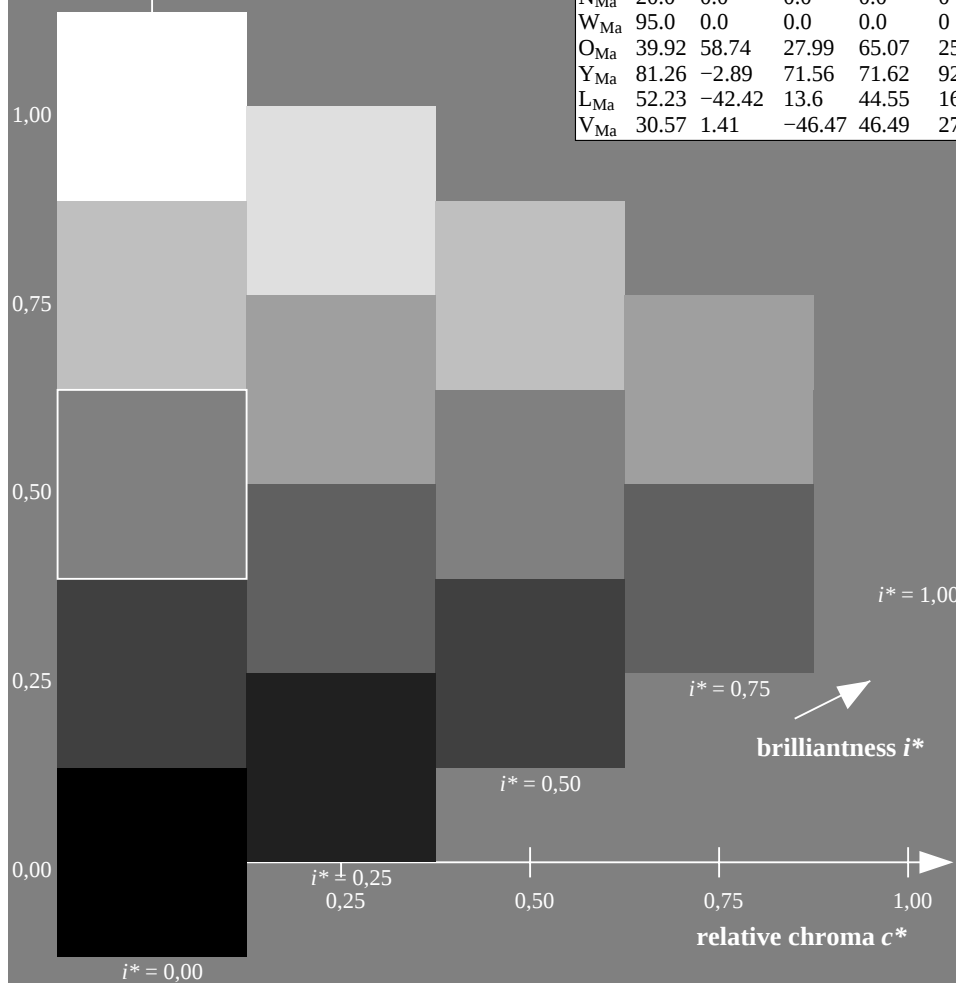
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	48.71	62.56	37.91	73.15	31
o25y	58.6	44.87	49.14	66.54	48
o50y	67.52	28.93	59.25	65.94	64
o75y	77.05	11.9	70.06	71.06	80
y00l	89.25	-9.92	83.91	84.49	97
y25l	77.37	-27.05	63.23	68.78	113
y50l	68.62	-39.67	48.0	62.27	130
y75l	60.79	-50.95	34.38	61.47	146
l00c	52.5	-62.91	19.95	66.0	162
l50c	56.2	-43.39	-15.92	46.22	200
c00v	59.15	-27.87	-44.43	52.45	238
c50v	43.5	-1.49	-43.39	43.42	268
v00m	29.13	22.73	-42.44	48.14	298
v50m	37.32	42.16	-29.08	51.21	325
m00o	49.51	71.08	-9.19	71.67	353
m50o	49.11	66.86	14.12	68.34	12

$u^*_d = c50v$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

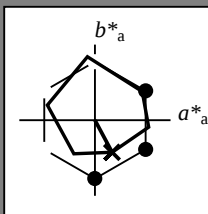
Hue texts:

$u^*_d = v00m$ $u^*_e = b23r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 23 -42

$LAB^*LCH^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

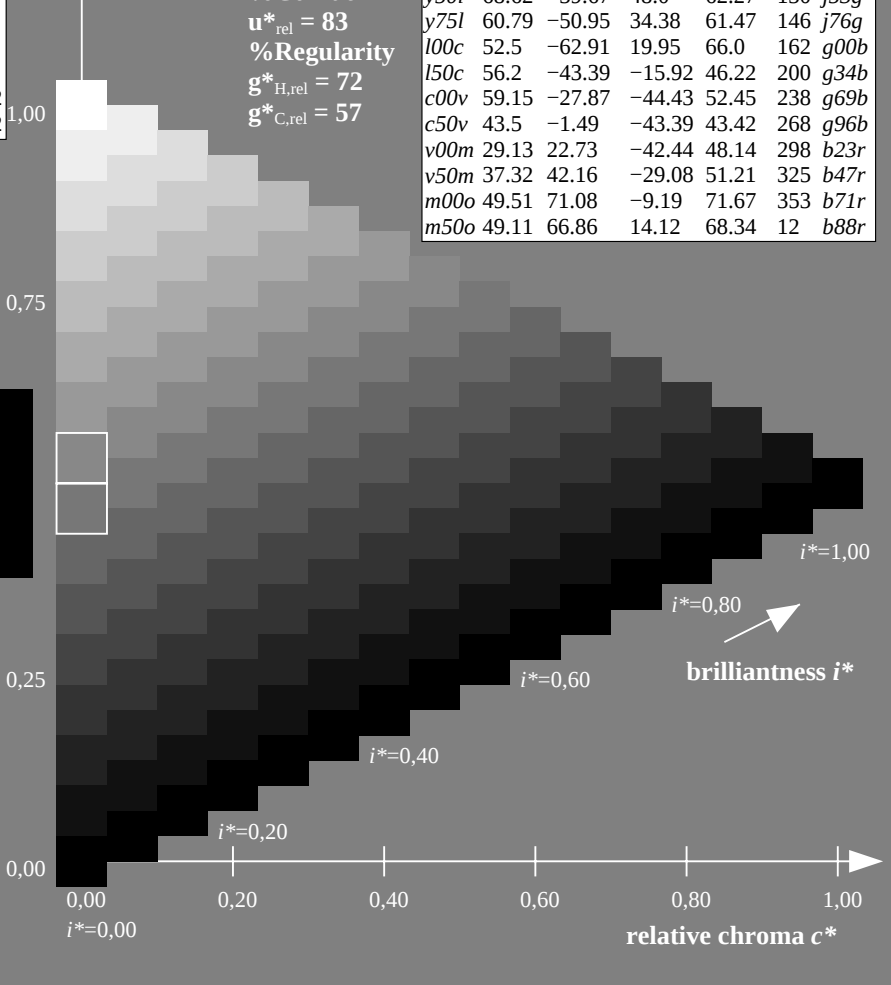
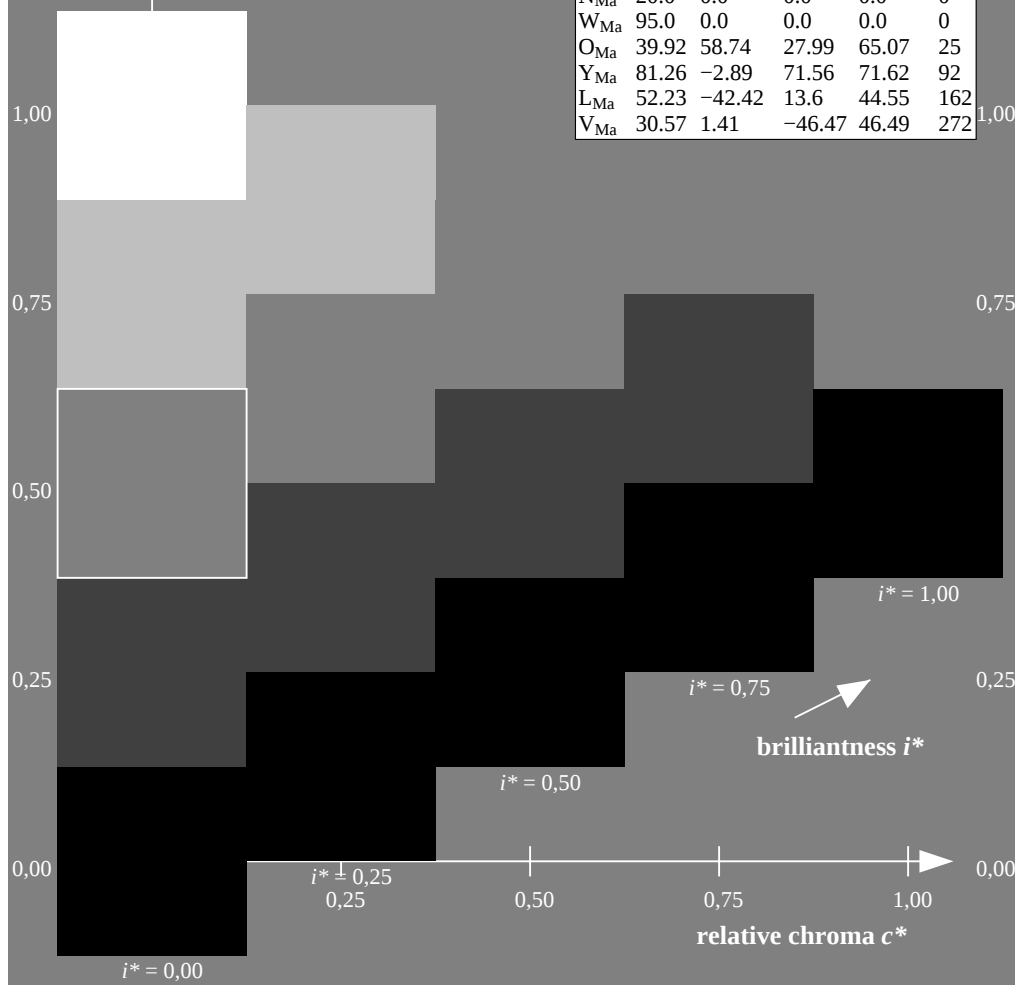
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

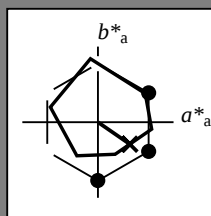
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v00m$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 37 42 -29

$LAB^*LCH^*_{Ma}$: 37 51 325

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

$lab^*rgb^*_{Ma}$: 0.94 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

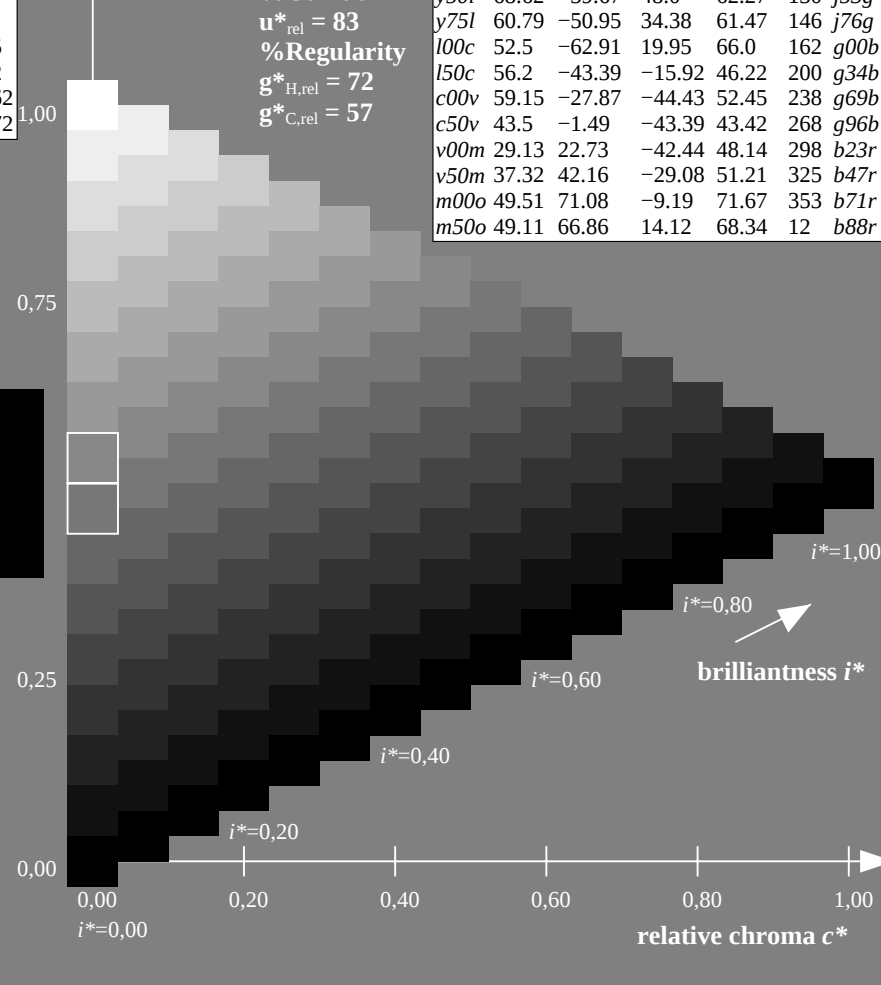
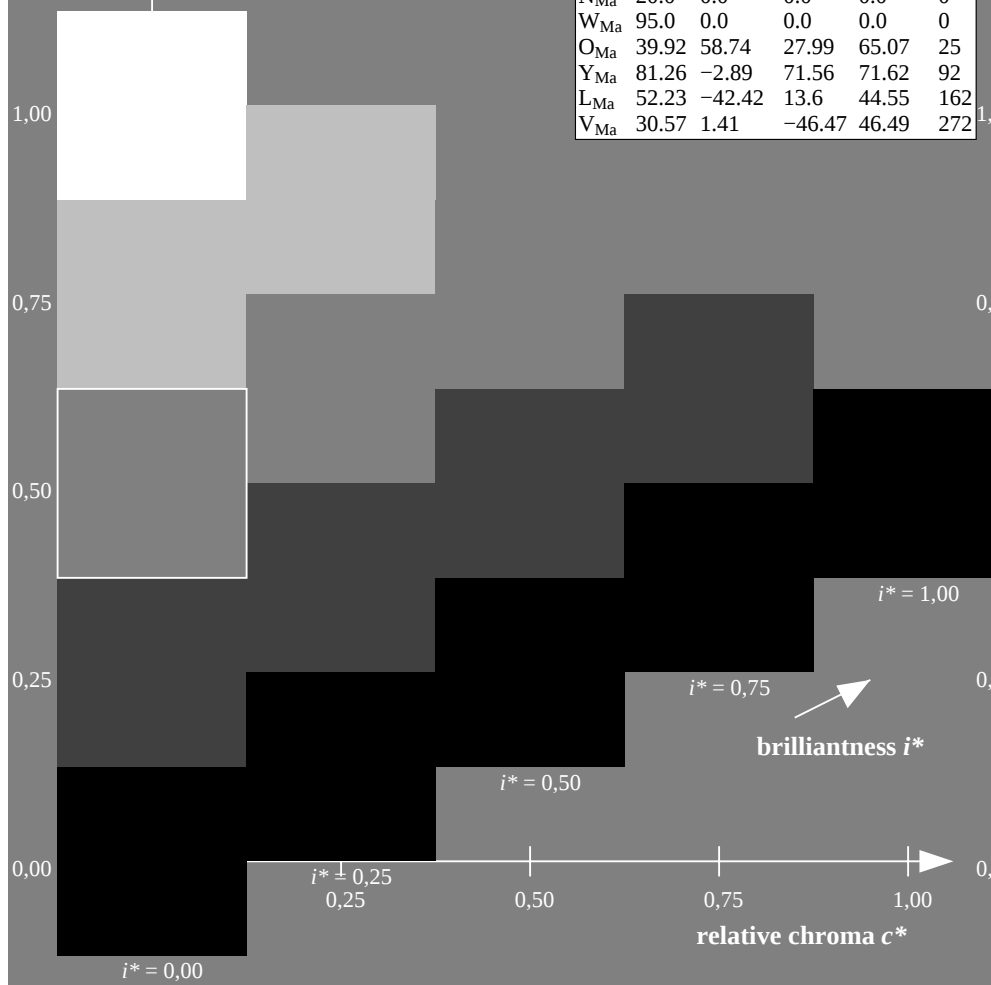
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v50m$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

data for any colour:

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

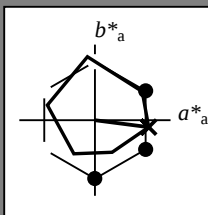
Hue texts:

$u^*_d = m00o$ $u^*_e = b71r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 71 -9

$LAB^*LCH^*_{Ma}$: 50 72 352

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

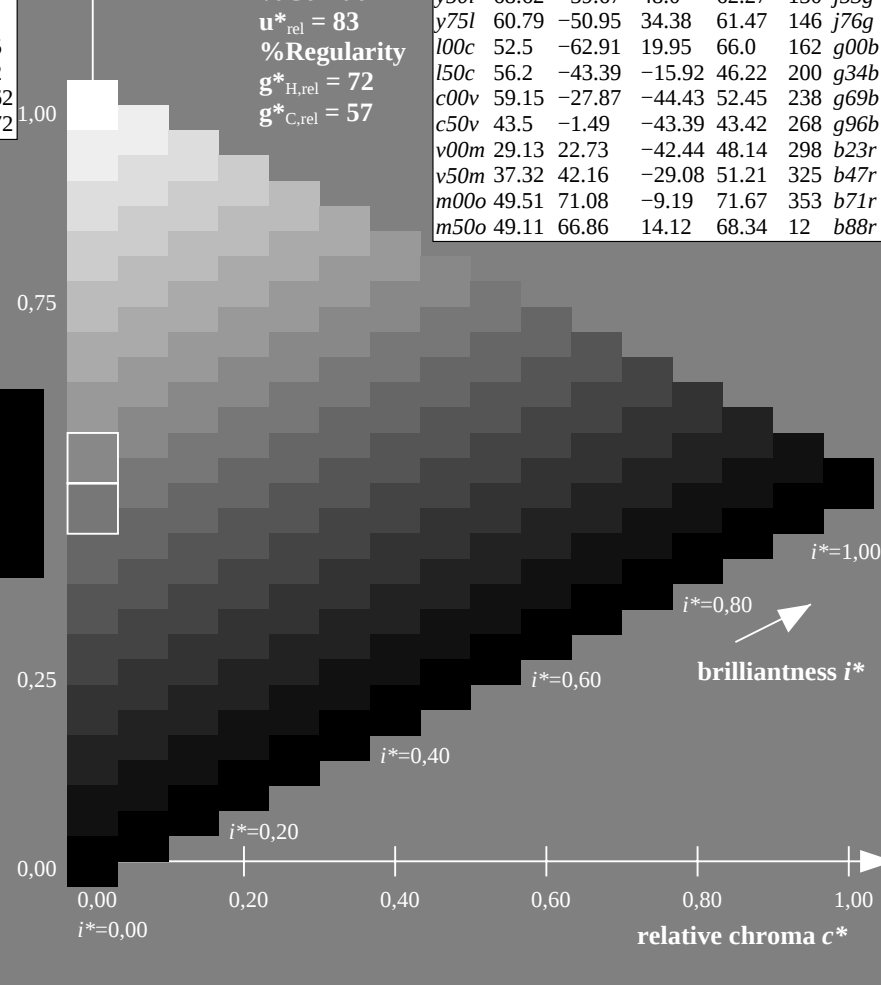
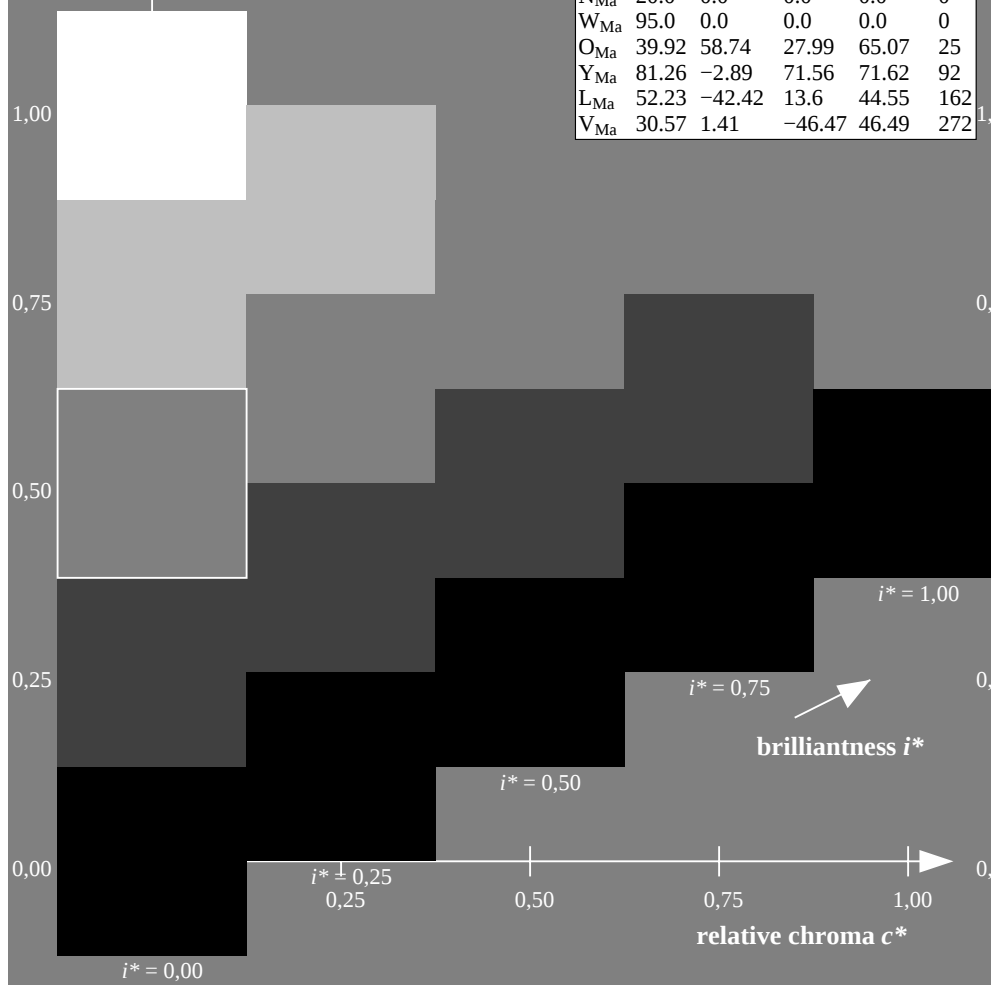
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m00o$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

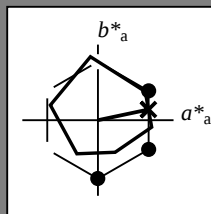
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 67 14

$LAB^*LCH^*_{Ma}$: 49 68 11

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.24

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

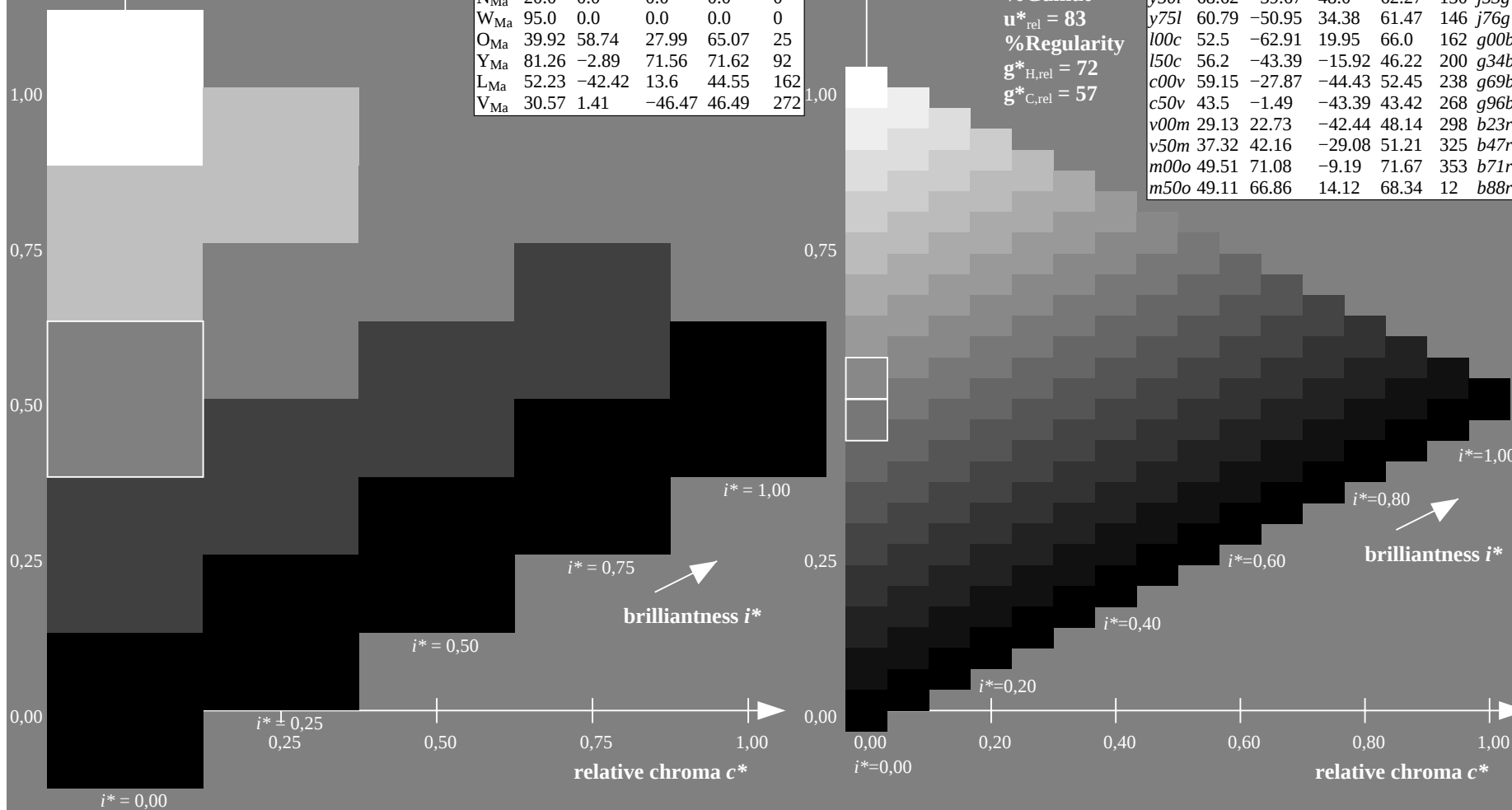
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

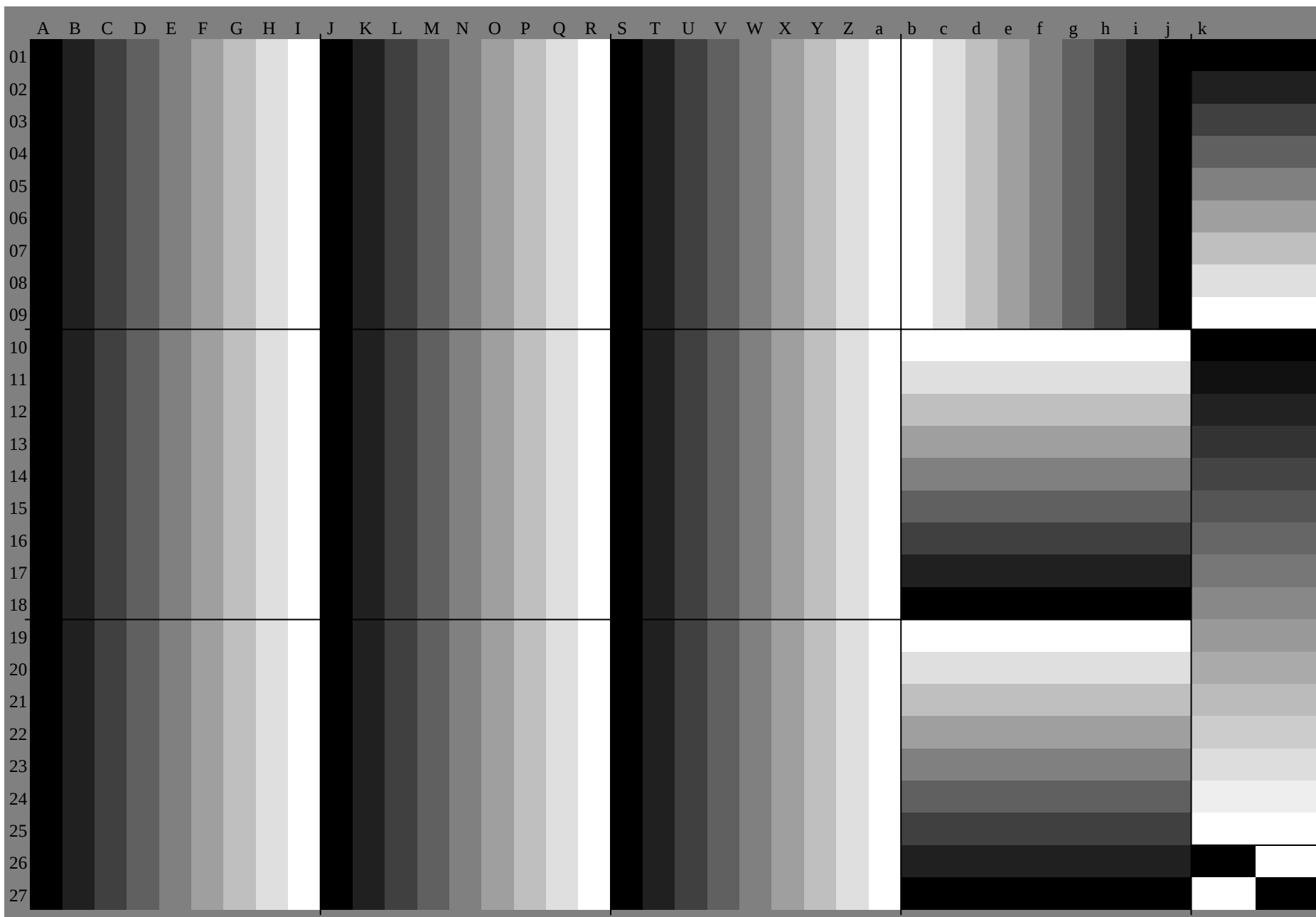
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m50o$



See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de/Ee45/.TXT
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee45/10L/L45E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

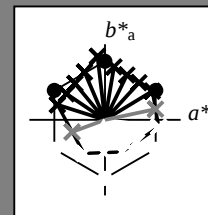
$u^*_d = 16$ hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut

$u^*_{rel} = 83$

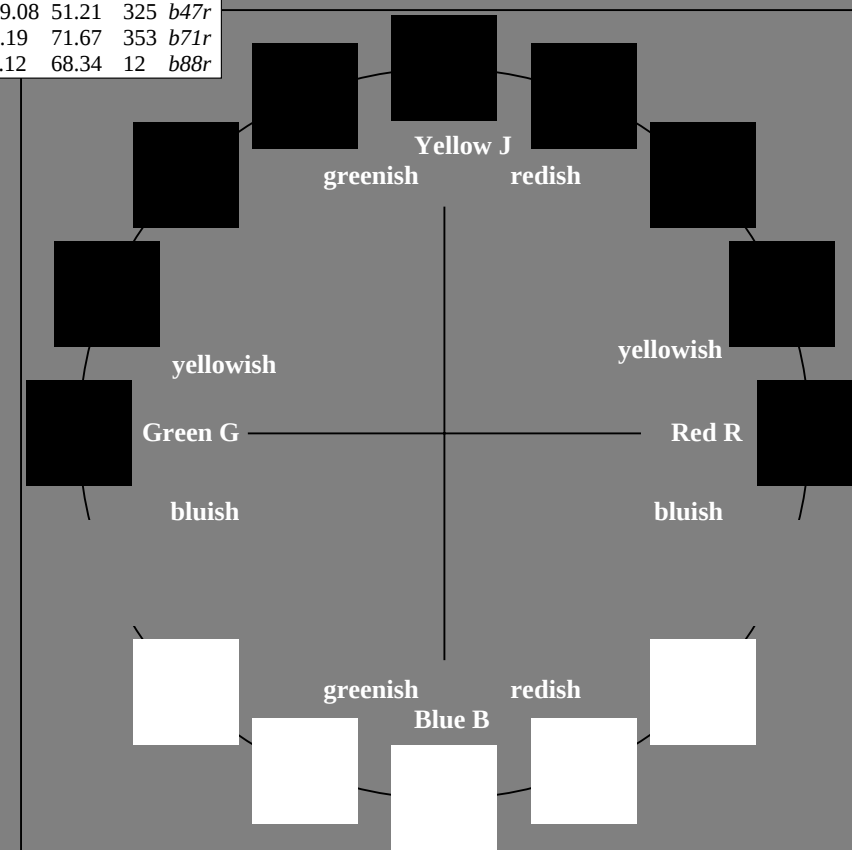
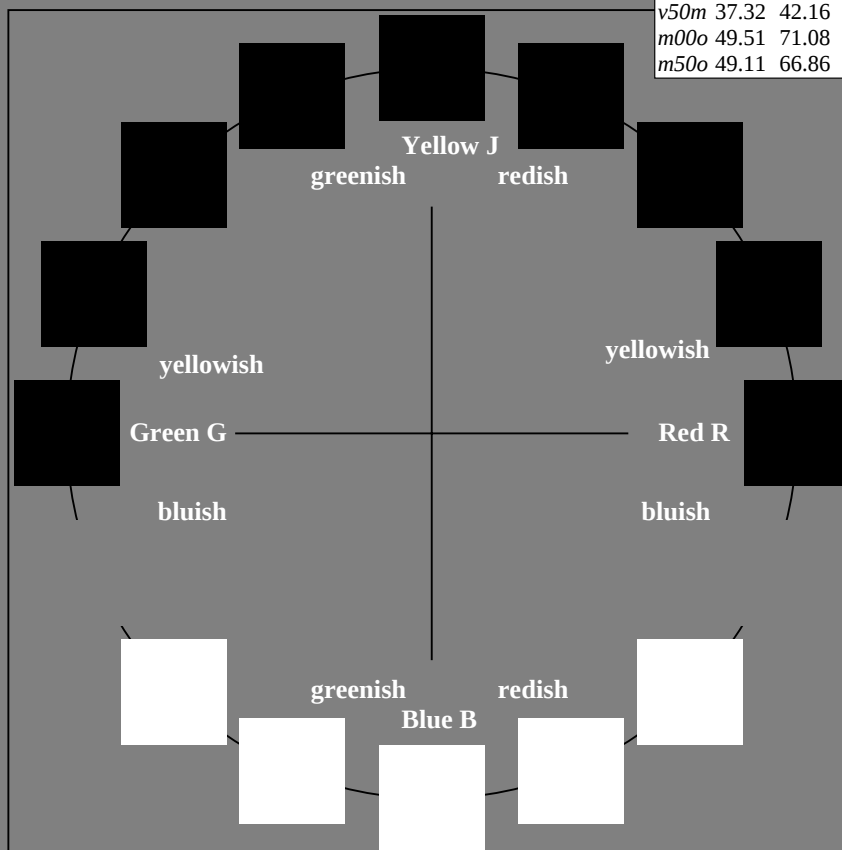
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

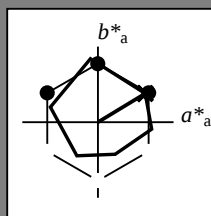
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



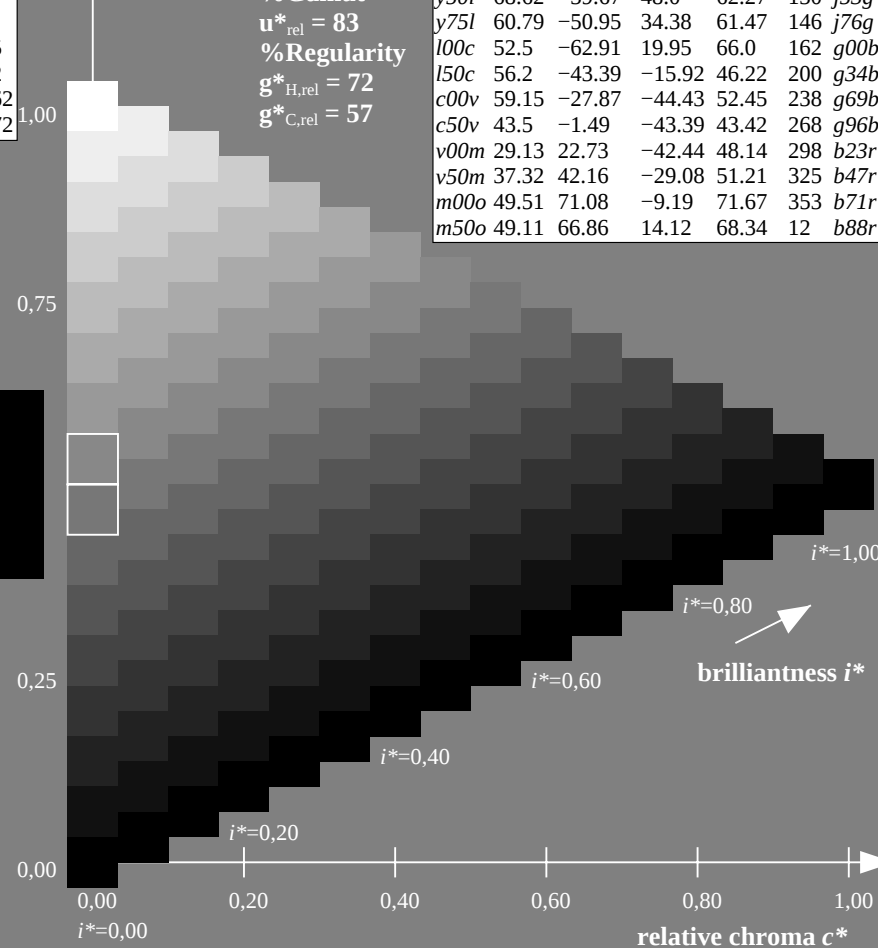
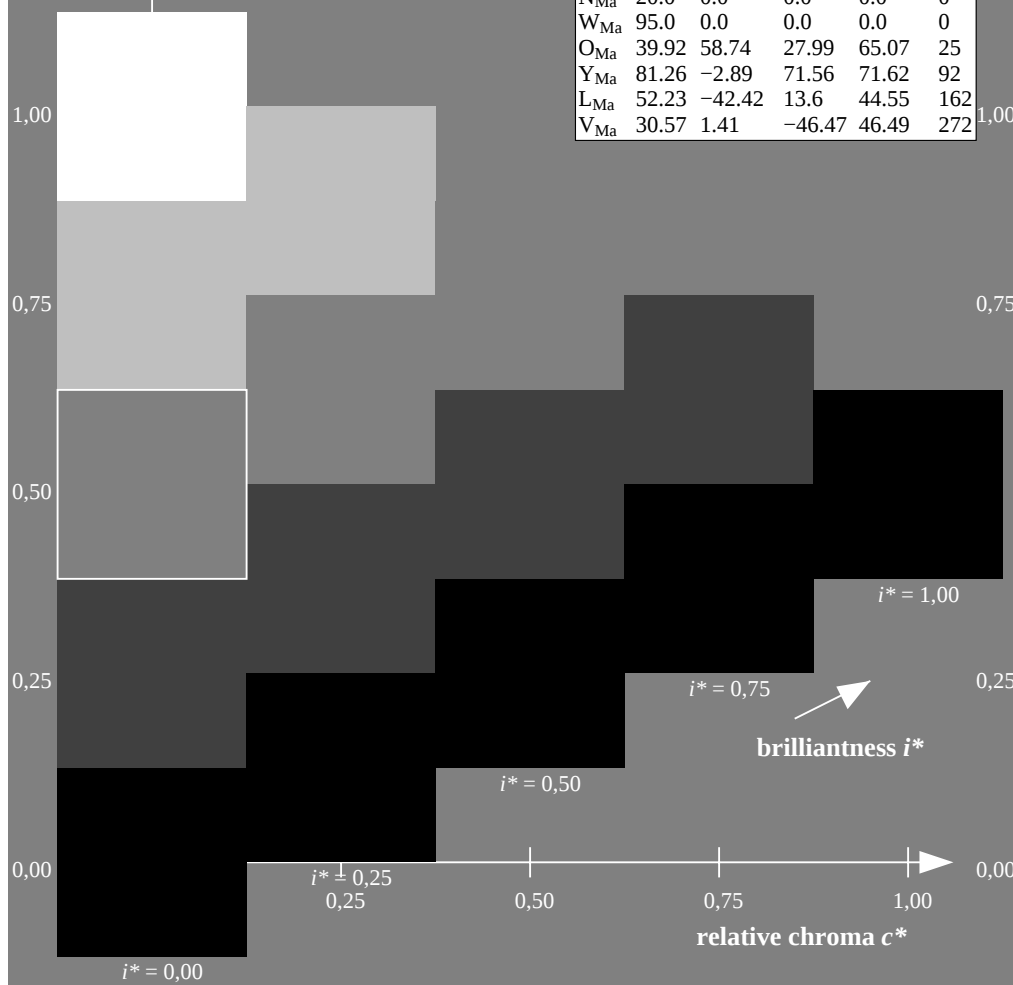
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 63 38
 $LAB^*LCH^*_{Ma}$: 49 73 31
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.09 0.0
triangle lightness t^*

%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:

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

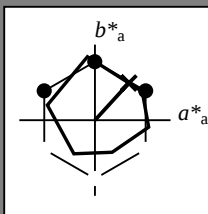
Hue texts:

$u^*_d = o25y$ $u^*_e = r33j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 45 49

$LAB^*LCH^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

%Gamut

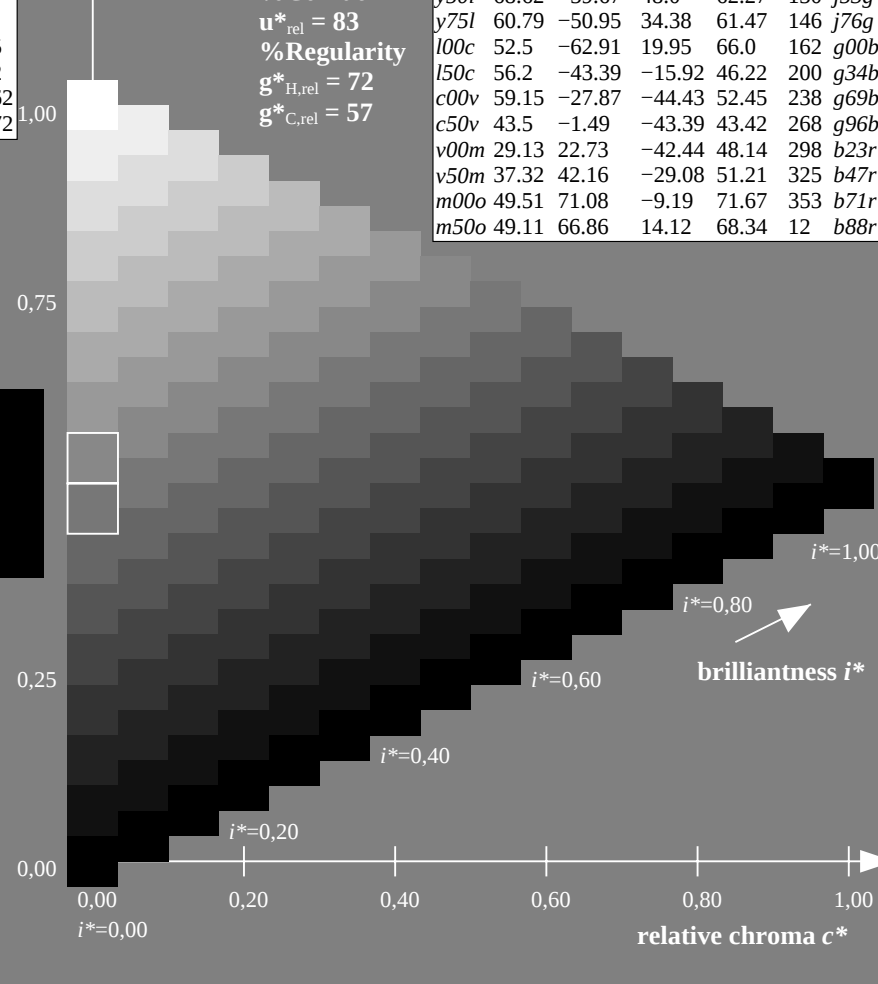
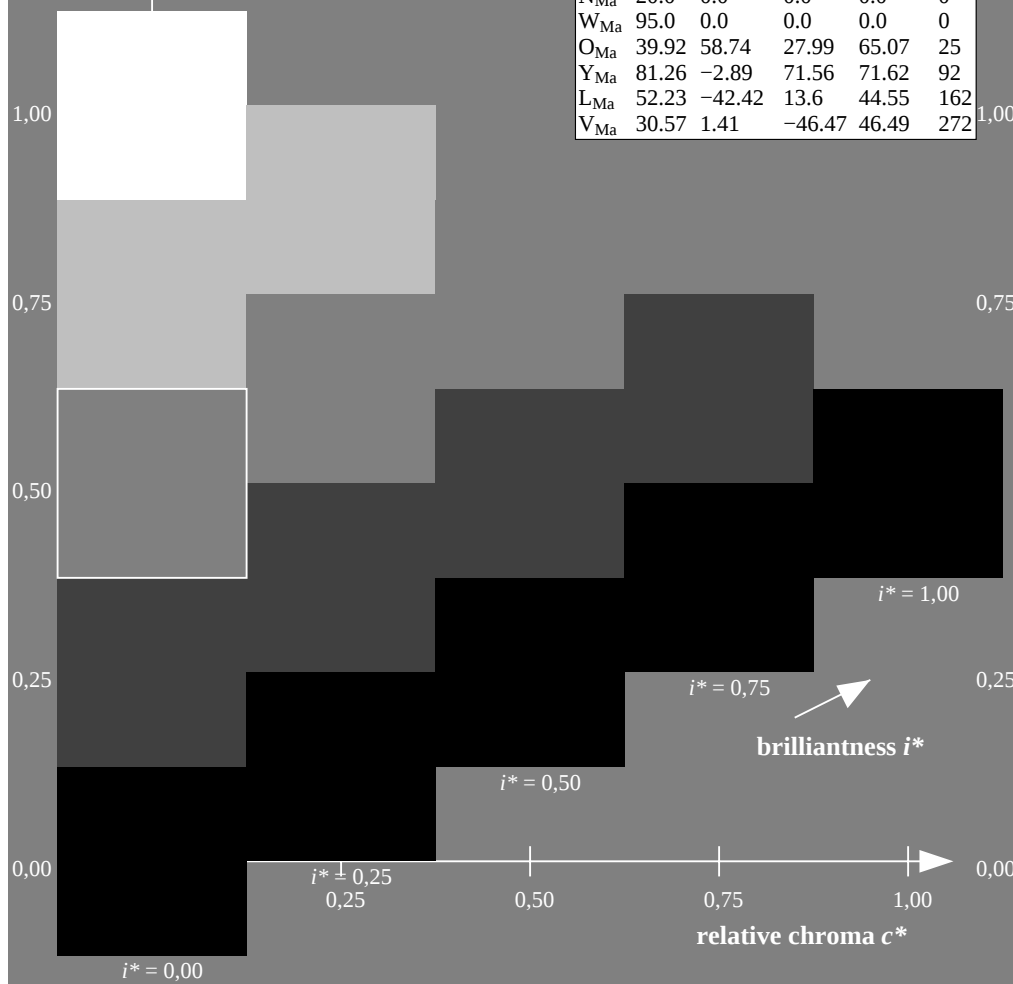
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

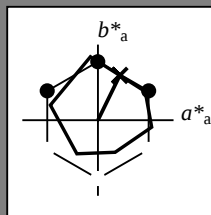
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o50y$ $u^*_e = r57j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



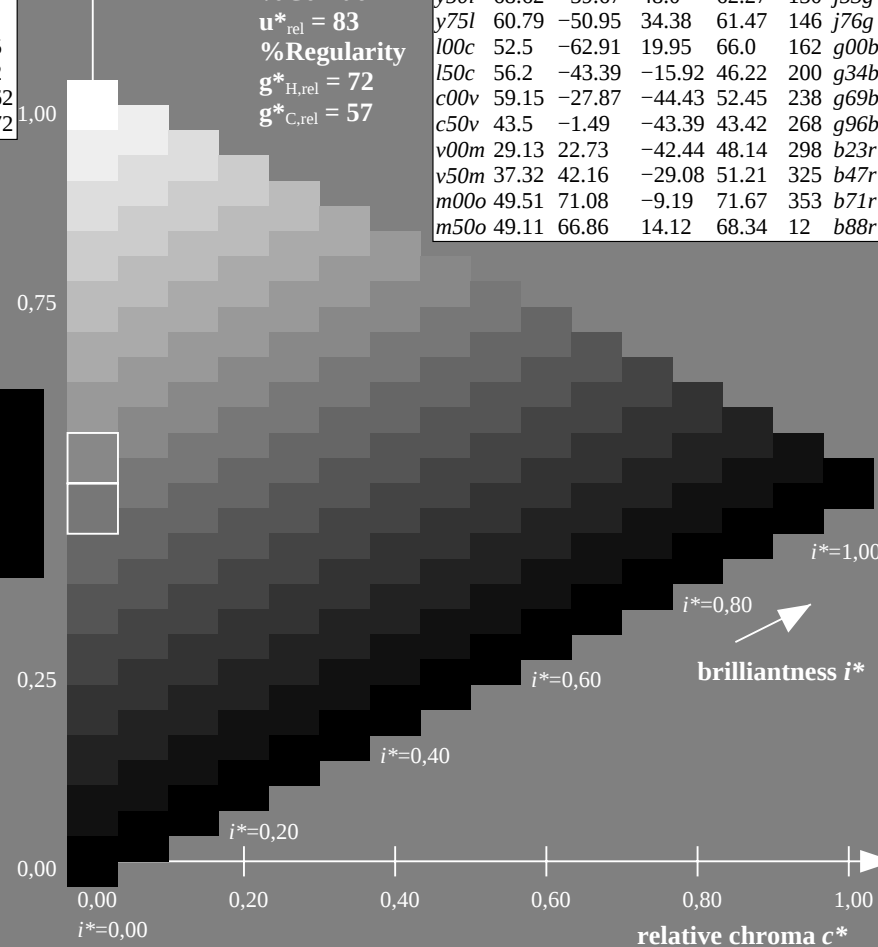
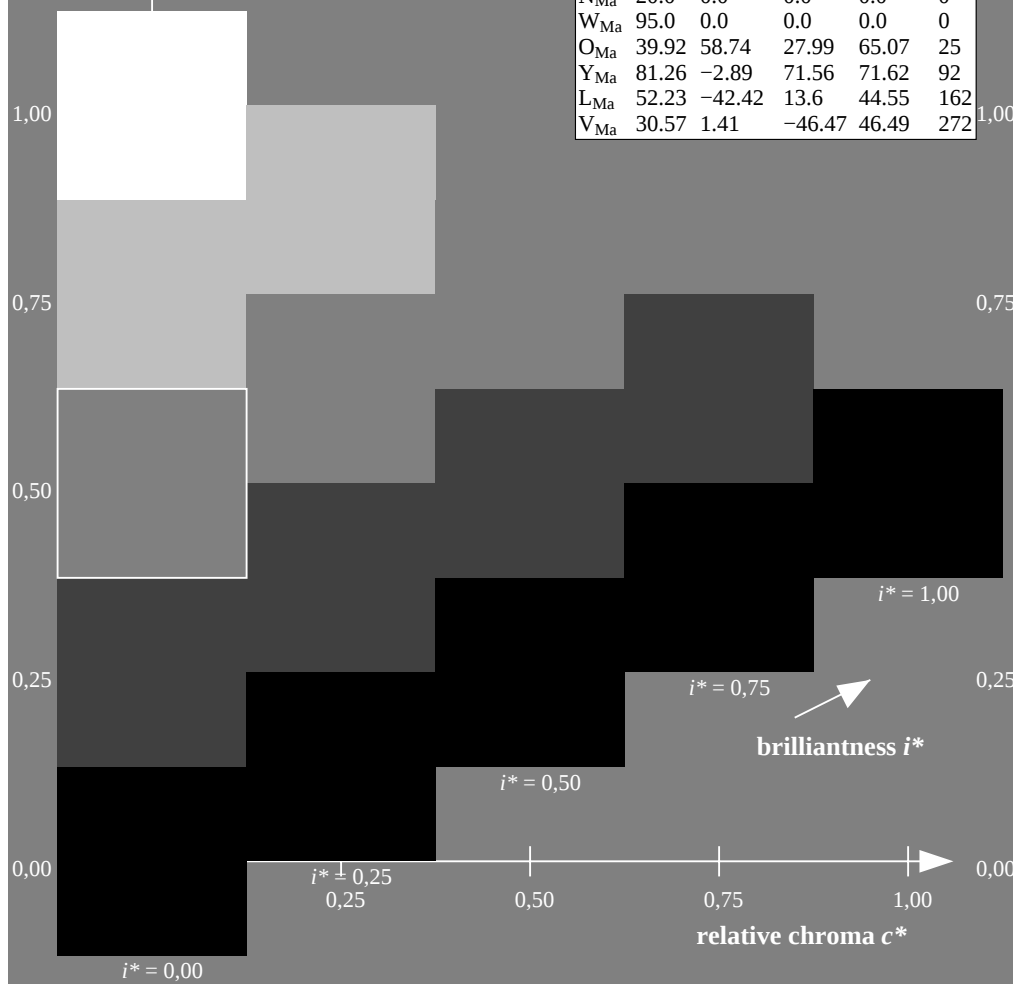
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 68 29 59
 $LAB^*LCH^*_{Ma}$: 68 66 63
 $lab^*olv^*_{Ma}$: 1.0 0.5 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.58 0.0
triangle lightness t^*

%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

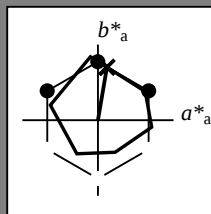
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o75y$ $u^*_e = r81j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



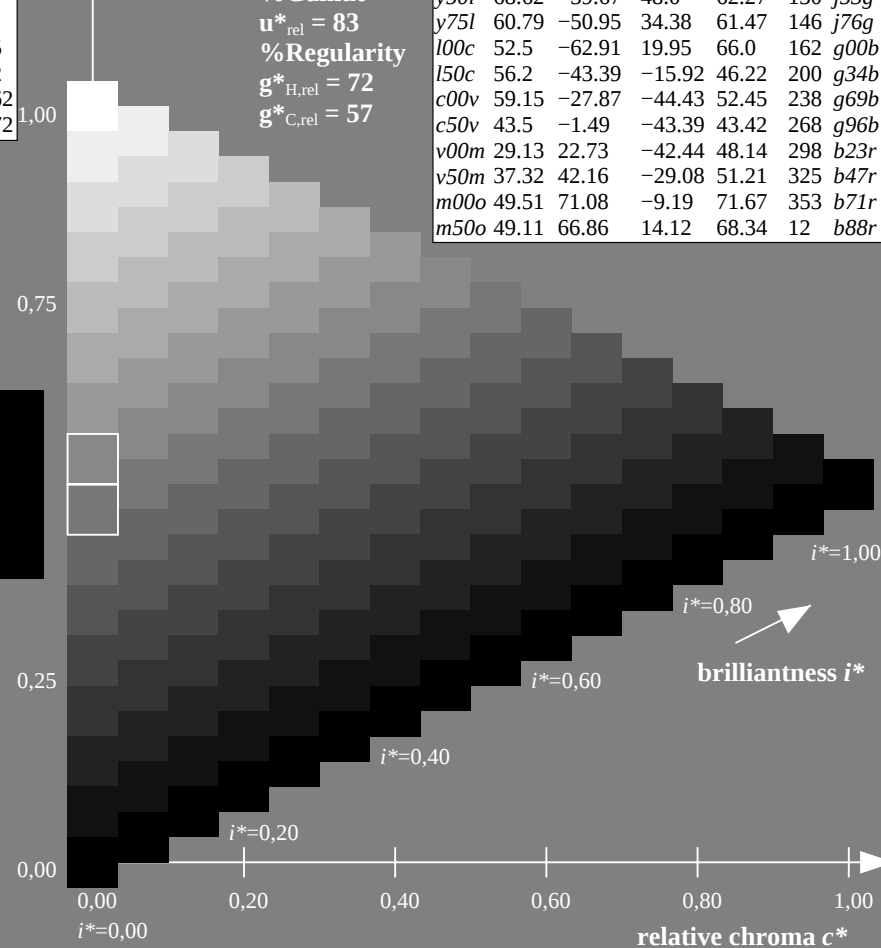
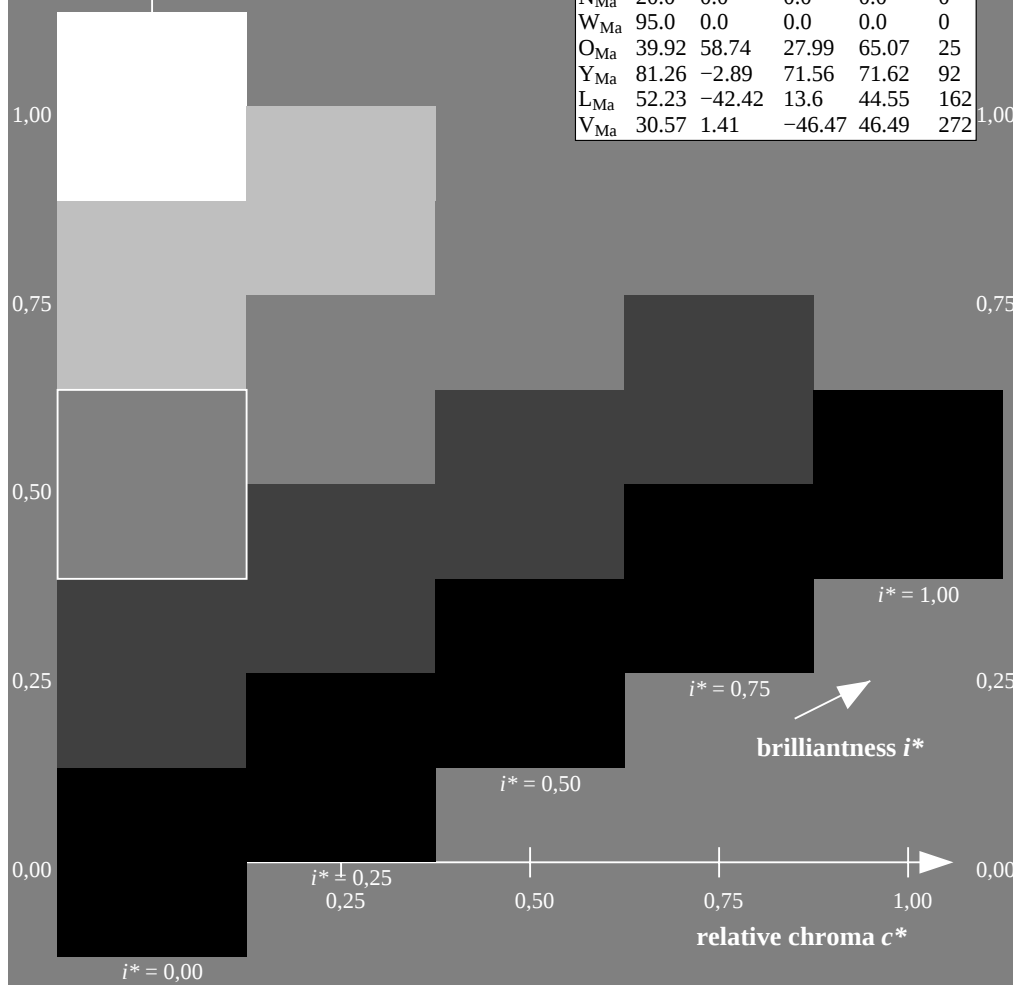
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 12 70
 $LAB^*LCH^*_{Ma}$: 77 71 80
 $lab^*olv^*_{Ma}$: 1.0 0.75 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.82 0.0
triangle lightness t^*

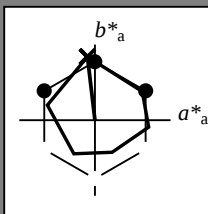
%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 89 -10 84

$LAB^*LCH^*_{Ma}$: 89 84 96

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

$lab^*rgb^*_{Ma}$: 0.94 1.0 0.0

triangle lightness t^*

%Gamut

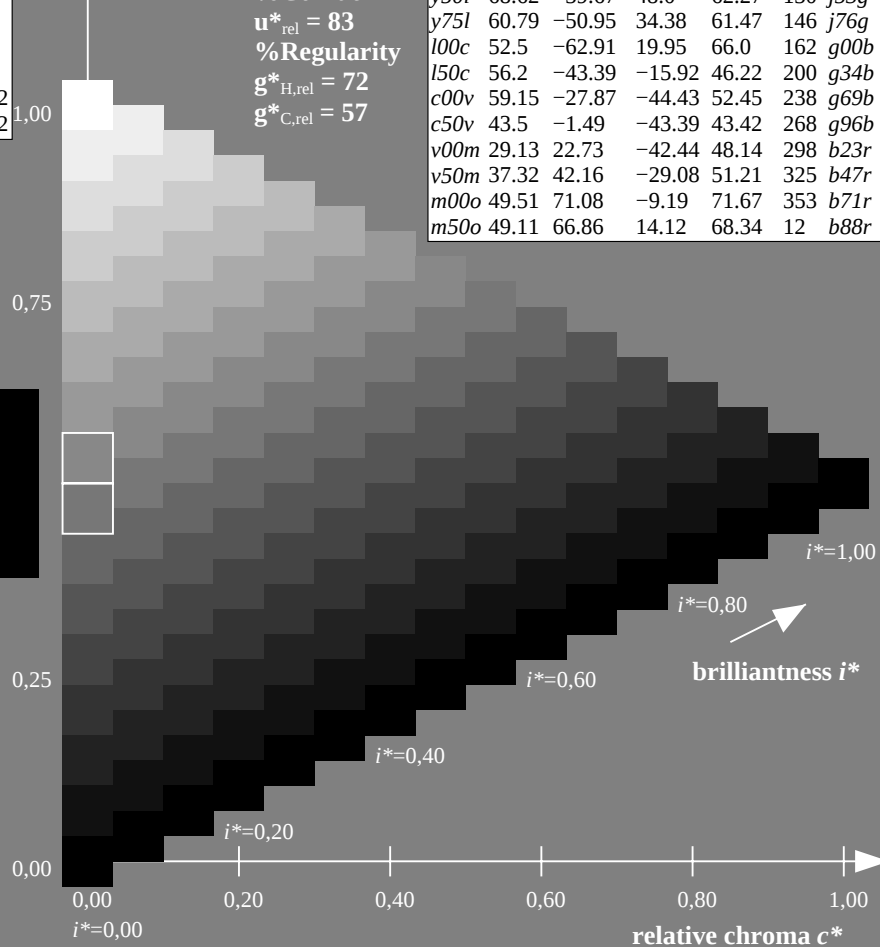
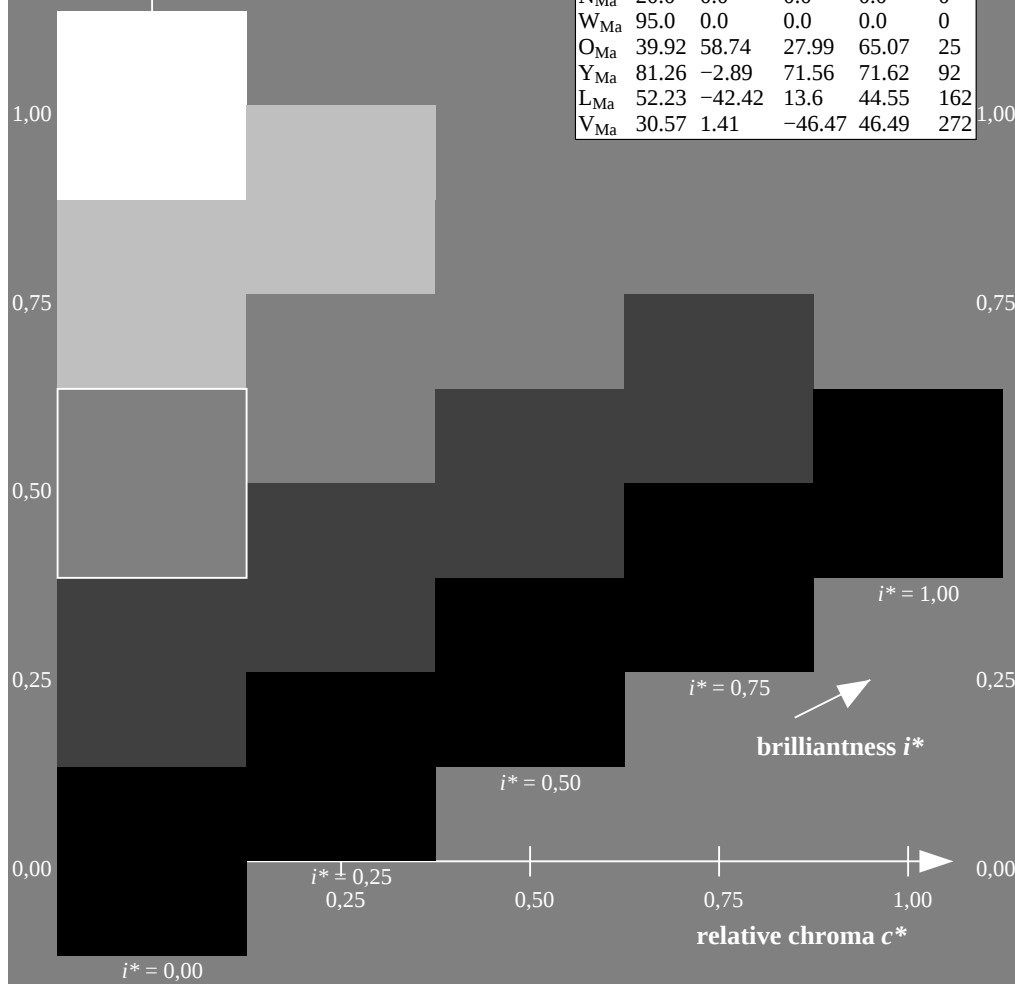
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

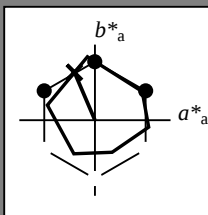
Hue texts:

$u^*_d = y25l$ $u^*_e = j30g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 -27 63

$LAB^*LCH^*_{Ma}$: 77 69 113

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

$lab^*rgb^*_{Ma}$: 0.7 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

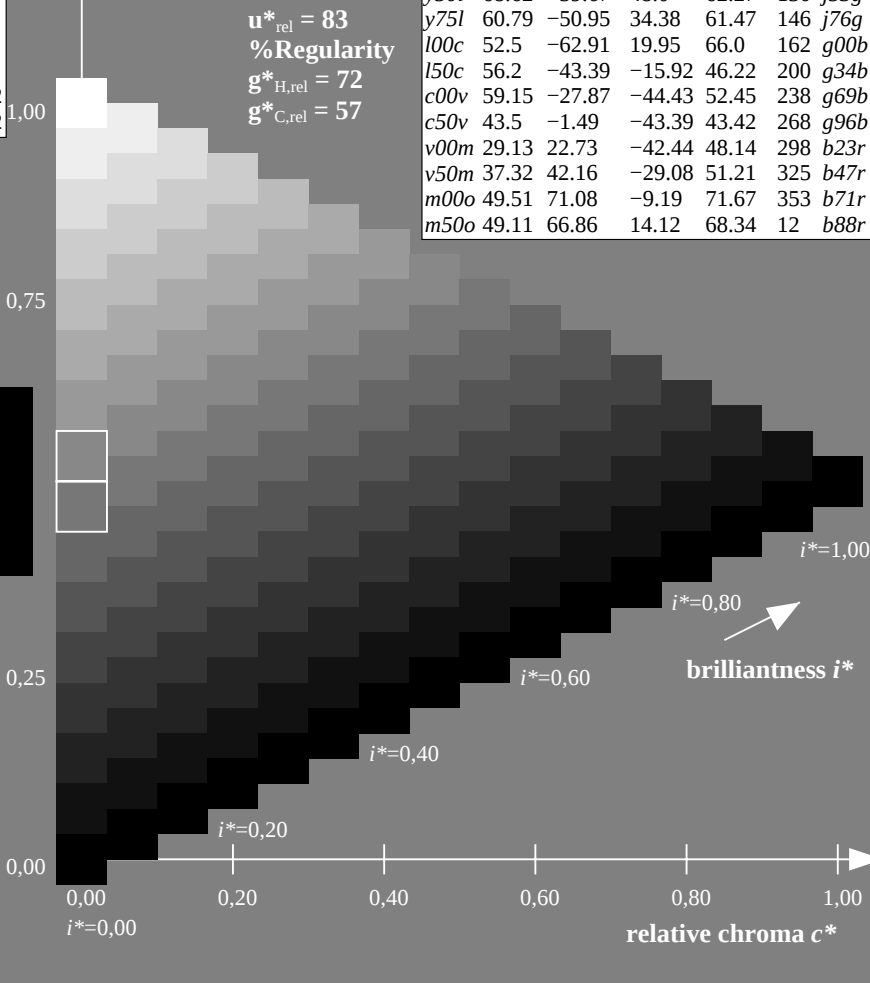
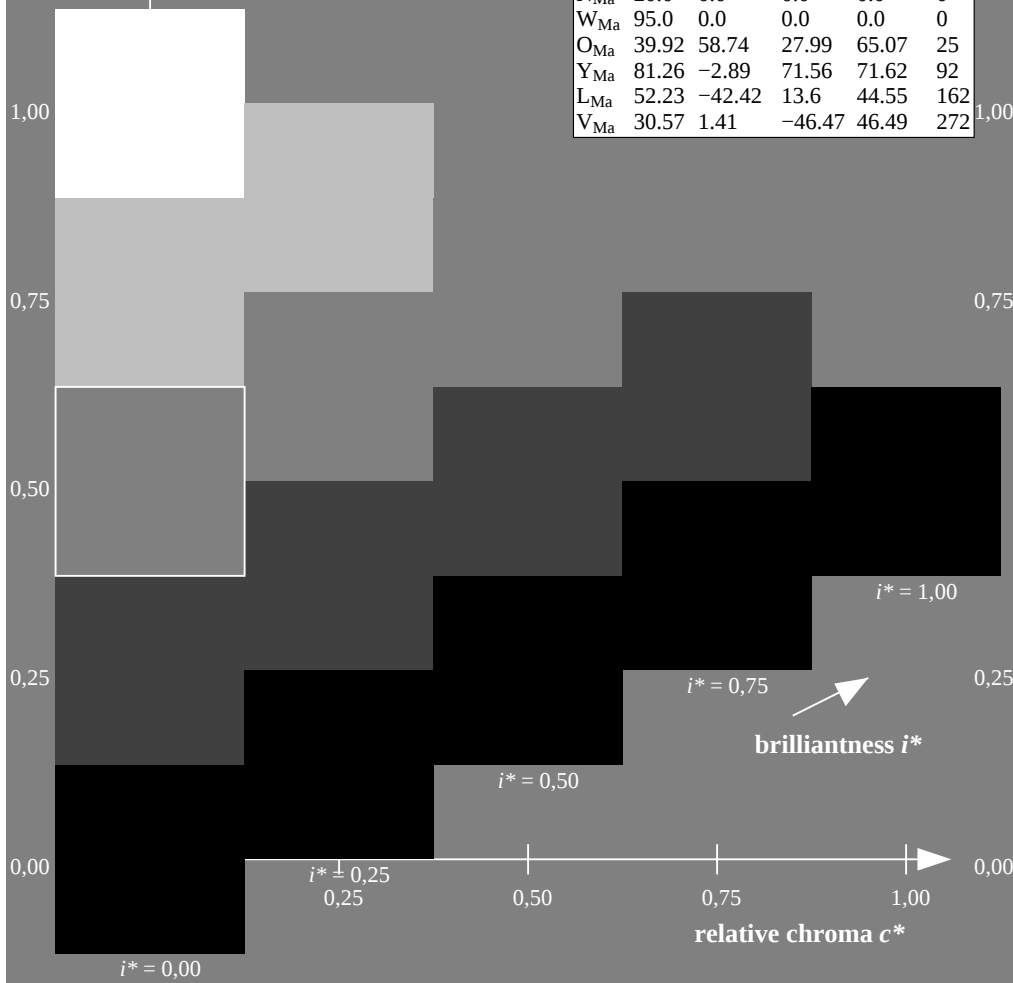
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

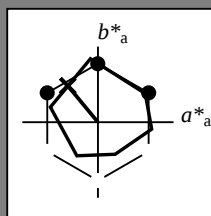
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y25l$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 69 -40 48

$LAB^*LCH^*_{Ma}$: 69 62 129

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

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

triangle lightness t^*

%Gamut

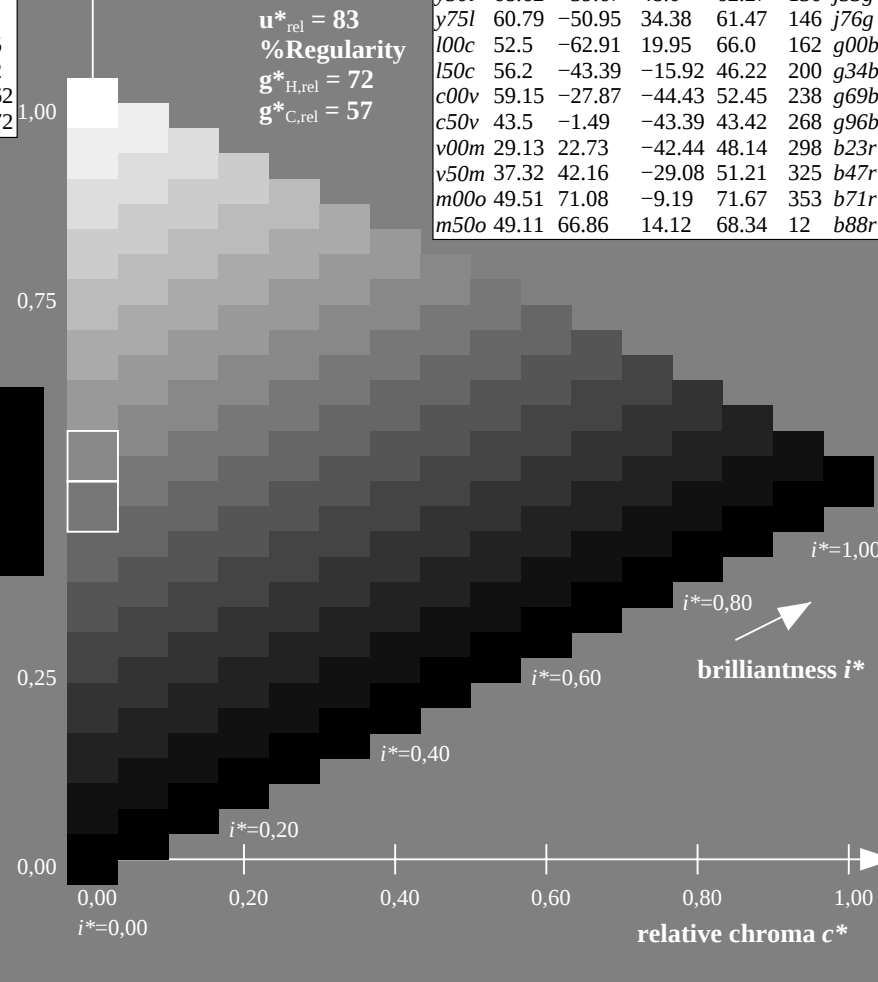
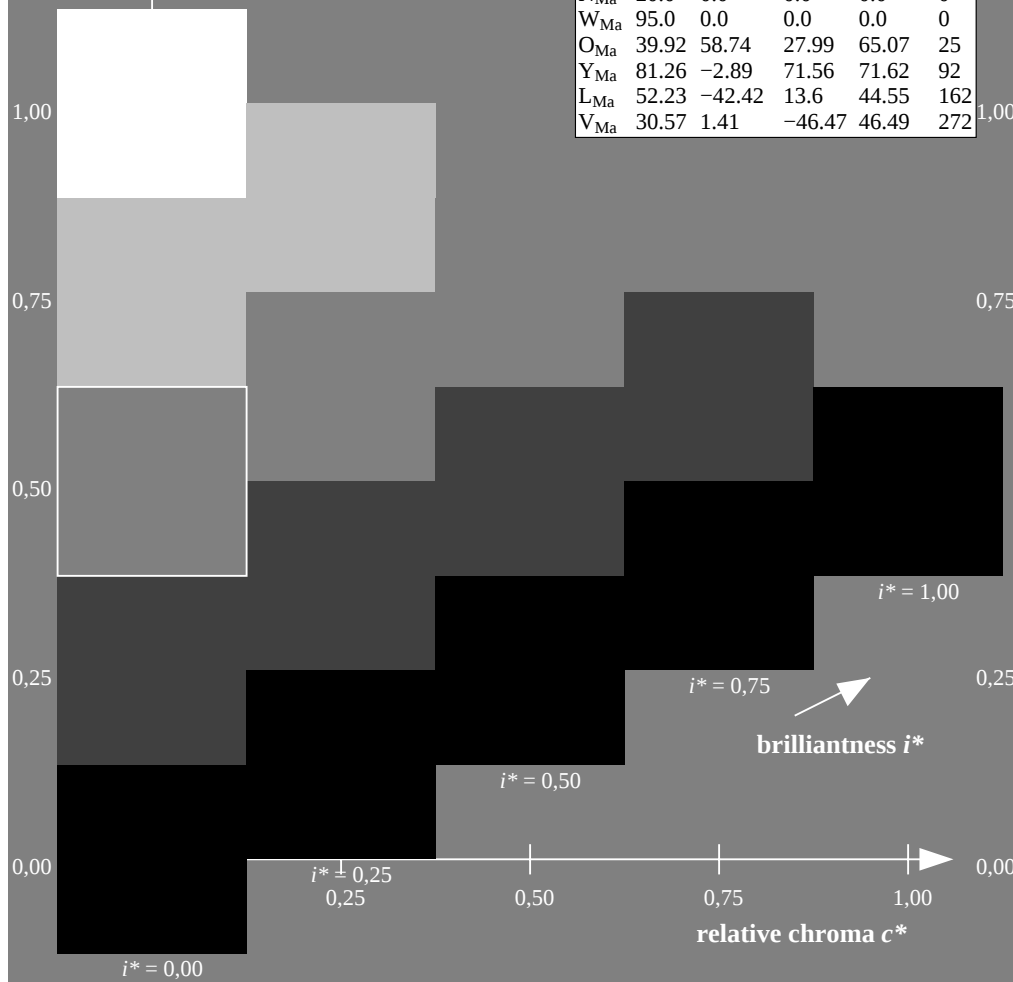
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

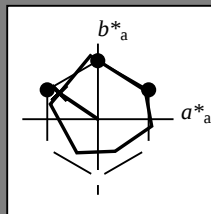
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 61 -51 34

$LAB^*LCH^*_{Ma}$: 61 61 145

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

$lab^*rgb^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

%Gamut

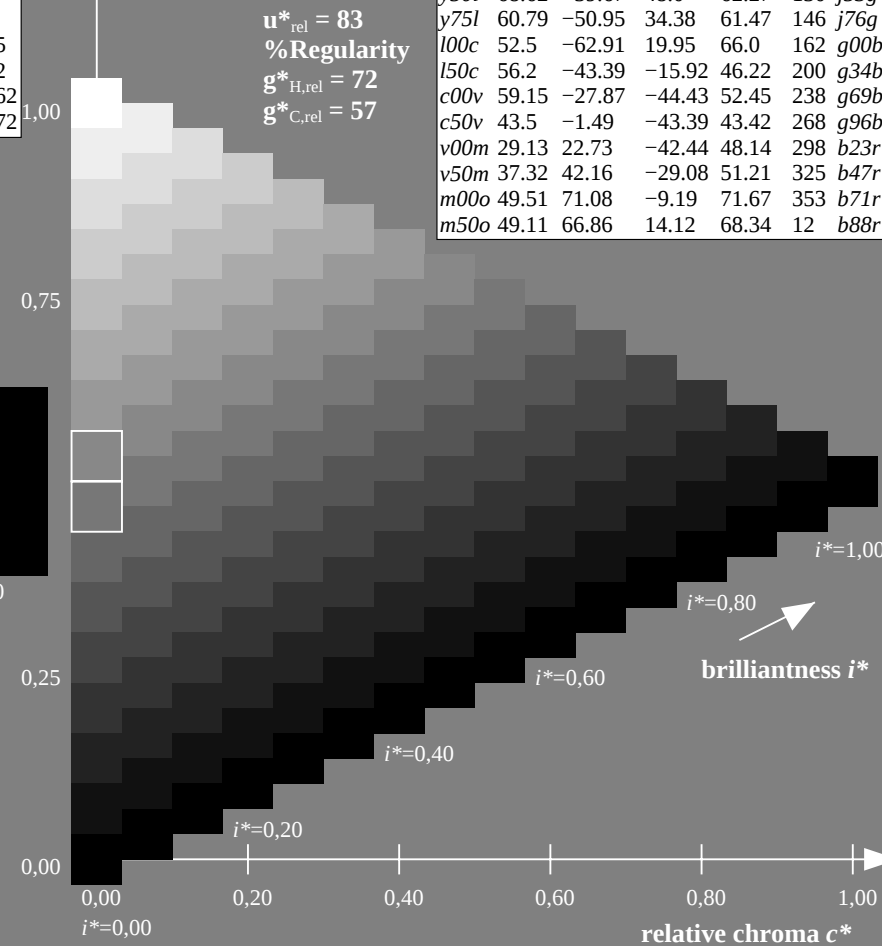
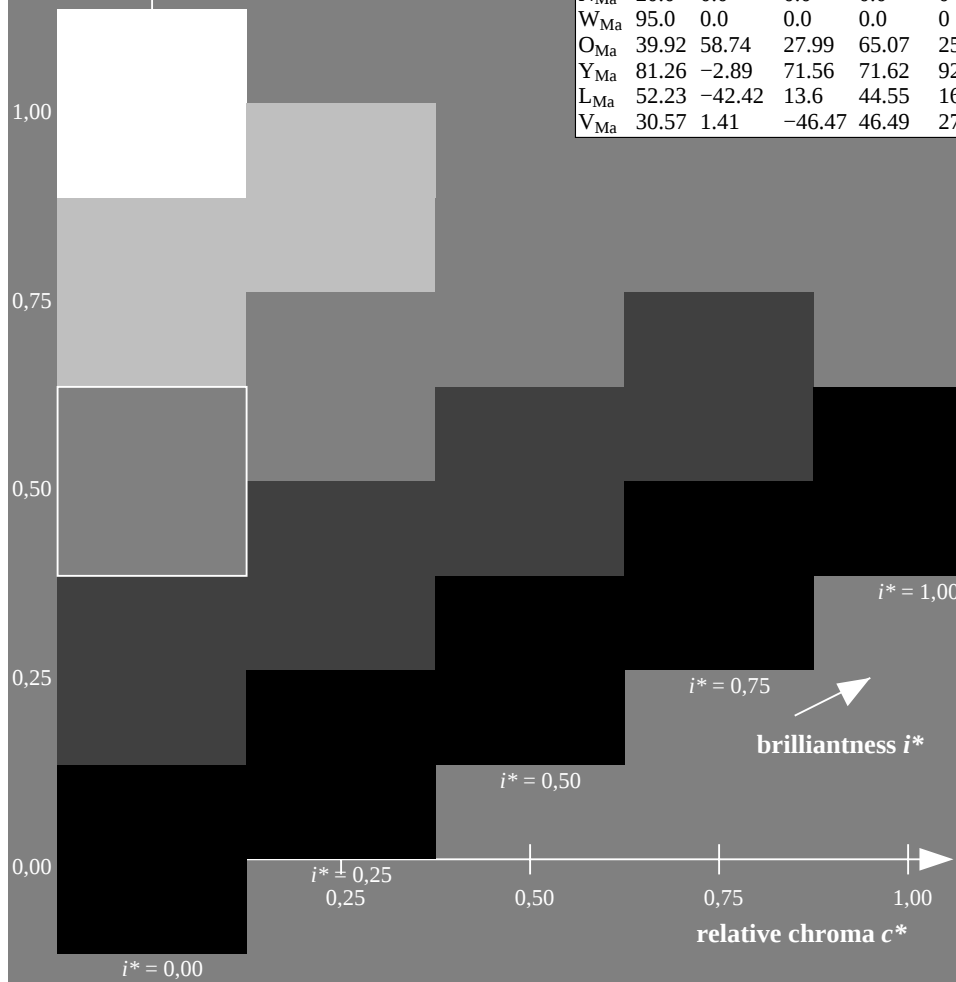
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

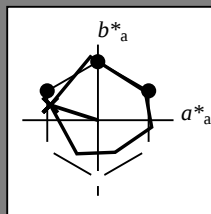
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 100c$ $u^*_e = g00b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -63 20

$LAB^*LCH^*_{Ma}$: 52 66 162

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

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

triangle lightness t^*

%Gamut

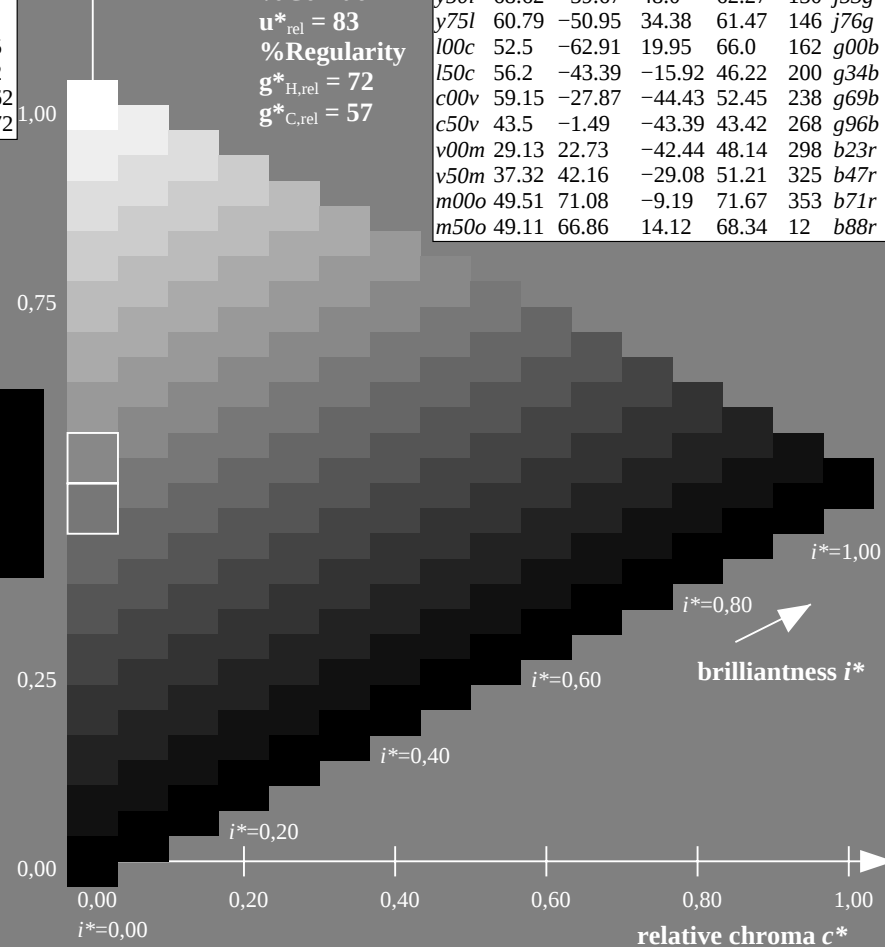
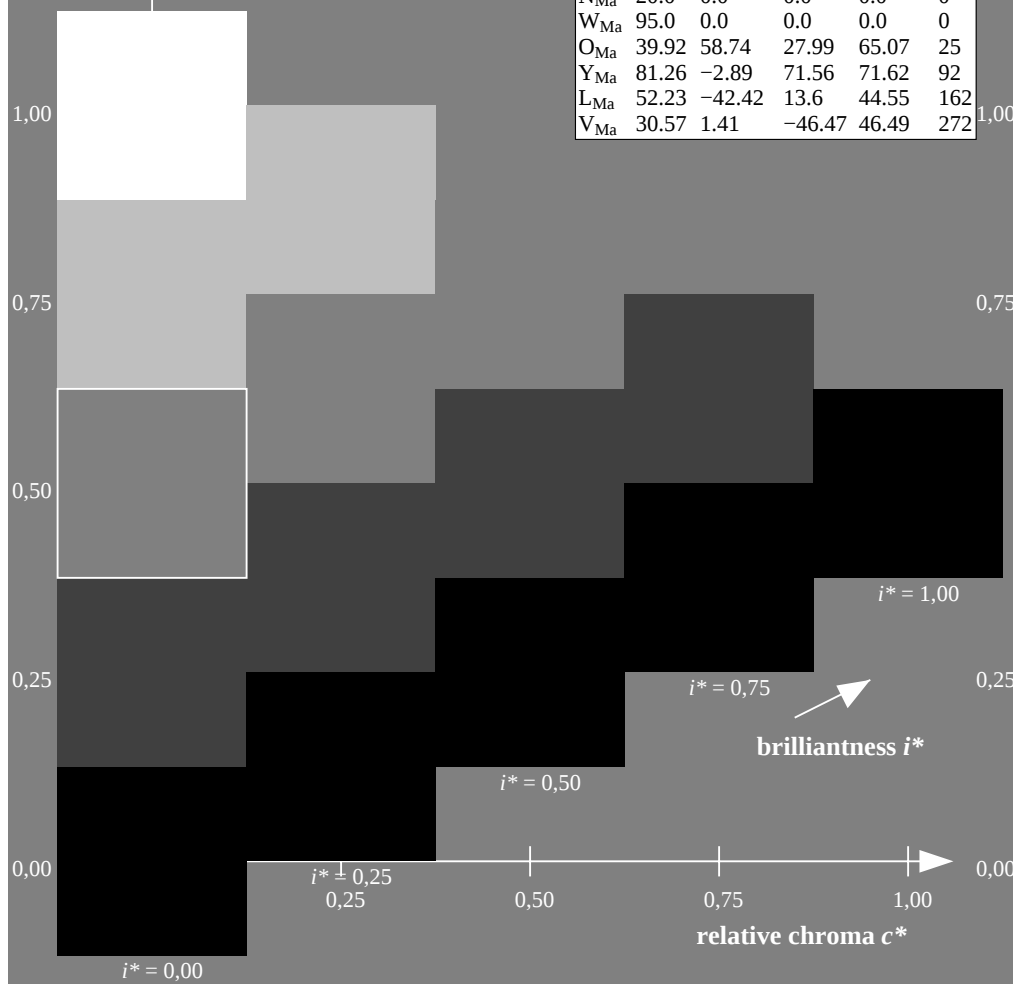
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

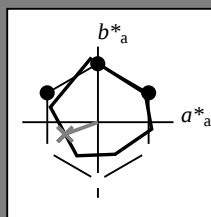
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -43 -16

$LAB^*LCH^*_{Ma}$: 56 46 200

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

%Gamut

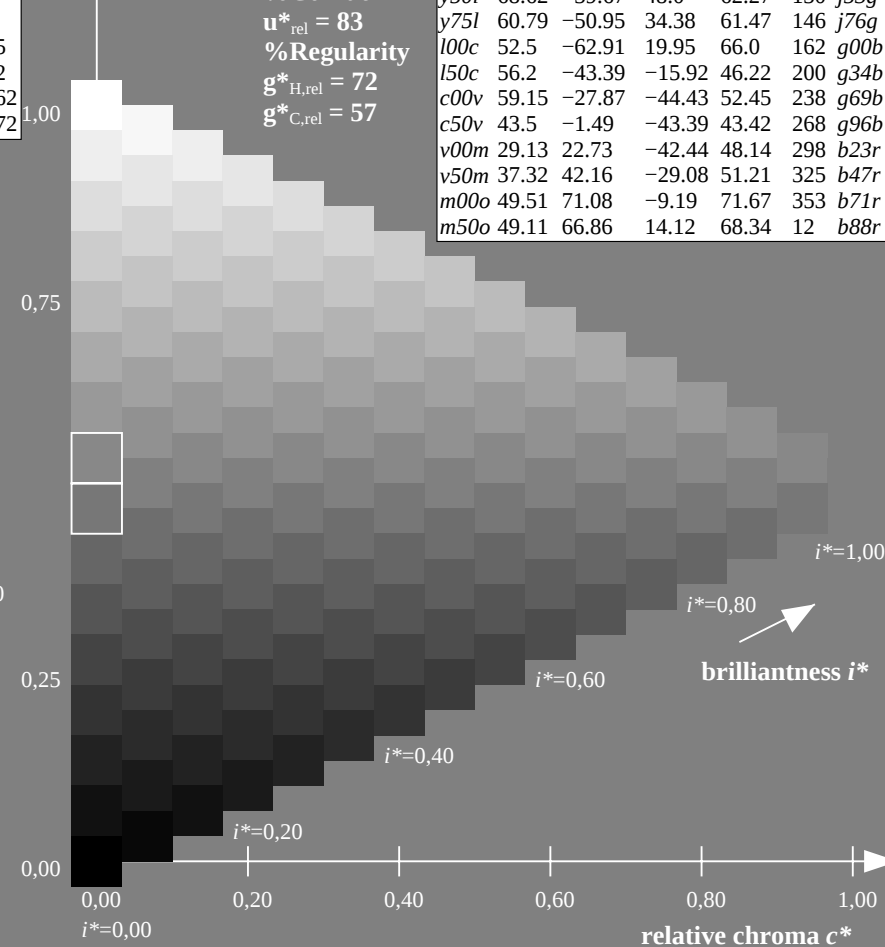
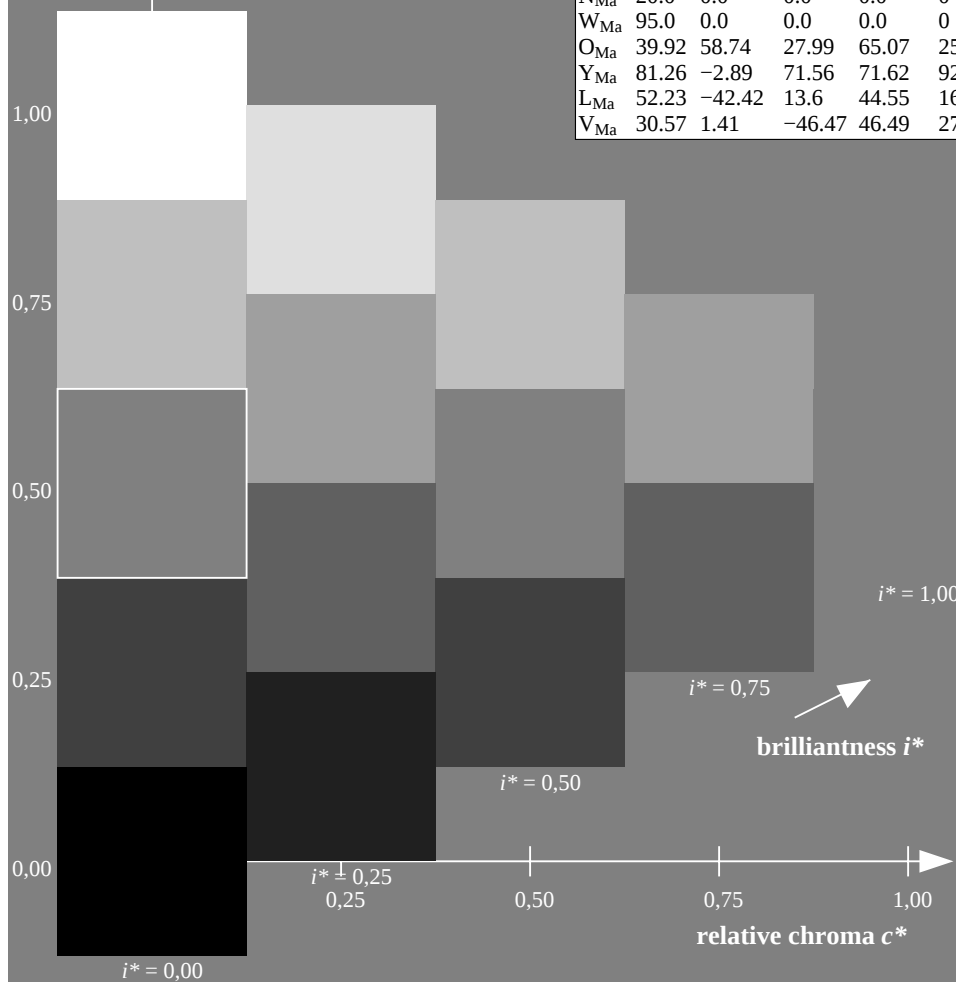
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

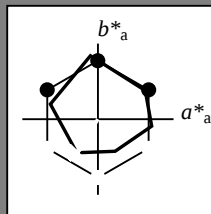
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

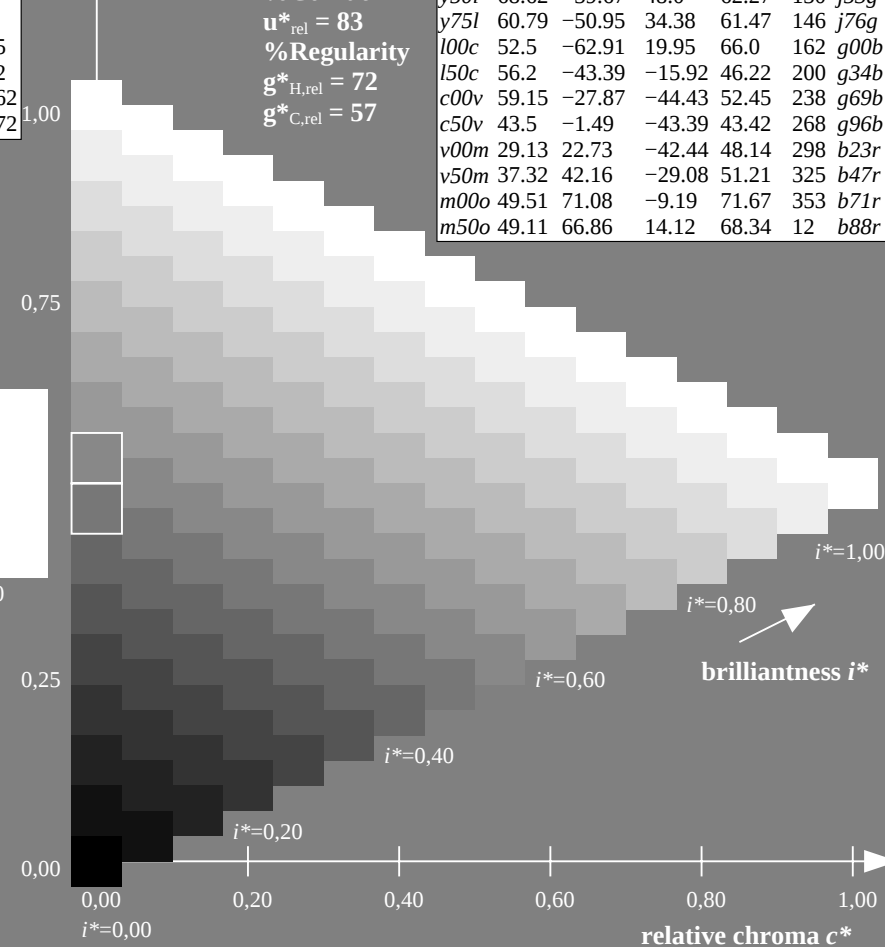
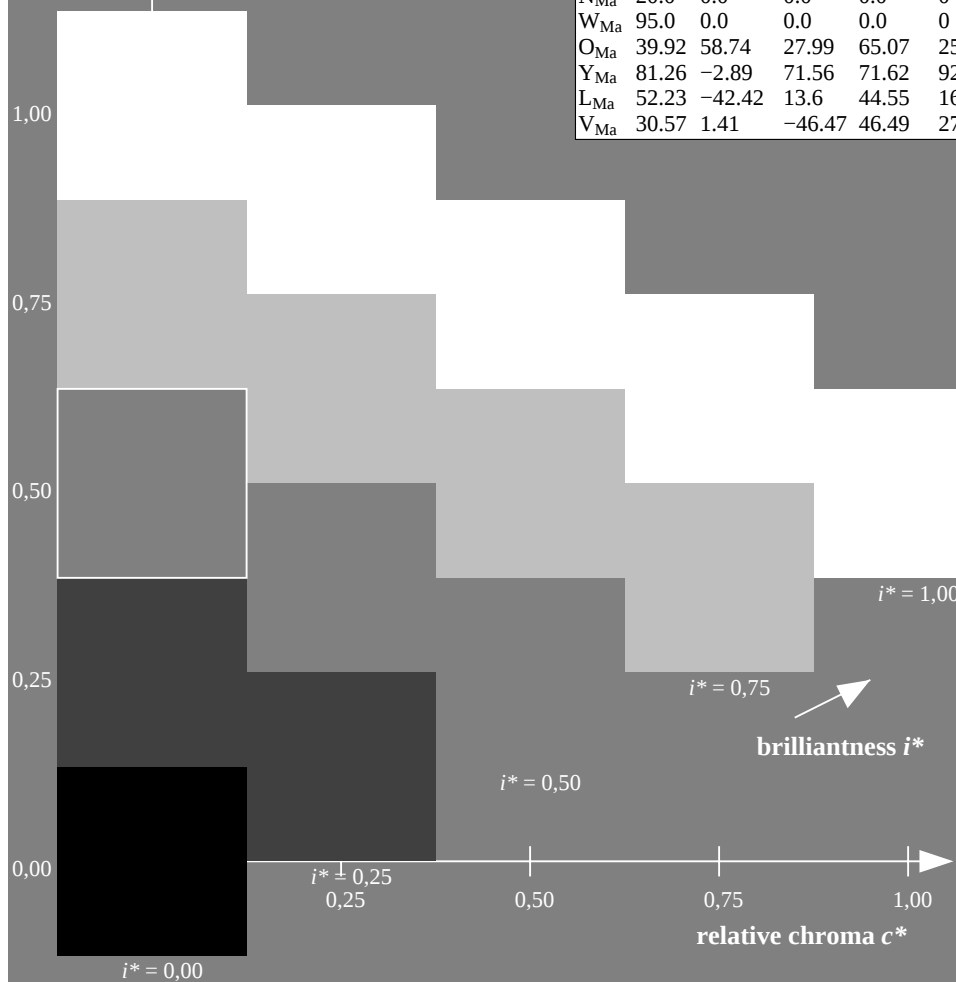
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 -28 -44
 $LAB^*LCH^*_{Ma}$: 59 52 237
 $lab^*olv^*_{Ma}$: 0.0 1.0 1.0
 $lab^*rgb^*_{Ma}$: 0.0 0.62 1.0
triangle lightness t^*

%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

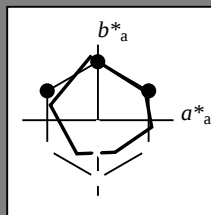
ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	48.71	62.56	37.91	73.15	31
o25y	58.6	44.87	49.14	66.54	48
o50y	67.52	28.93	59.25	65.94	64
o75y	77.05	11.9	70.06	71.06	80
y00l	89.25	-9.92	83.91	84.49	97
y25l	77.37	-27.05	63.23	68.78	113
y50l	68.62	-39.67	48.0	62.27	130
y75l	60.79	-50.95	34.38	61.47	146
l00c	52.5	-62.91	19.95	66.0	162
l50c	56.2	-43.39	-15.92	46.22	200
c00v	59.15	-27.87	-44.43	52.45	238
c50v	43.5	-1.49	-43.39	43.42	268
v00m	29.13	22.73	-42.44	48.14	298
v50m	37.32	42.16	-29.08	51.21	325
m00o	49.51	71.08	-9.19	71.67	353
m50o	49.11	66.86	14.12	68.34	12

$u^*_d = c00v$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 43 -1 -43

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 43 43 268

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.0 0.07 1.0

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

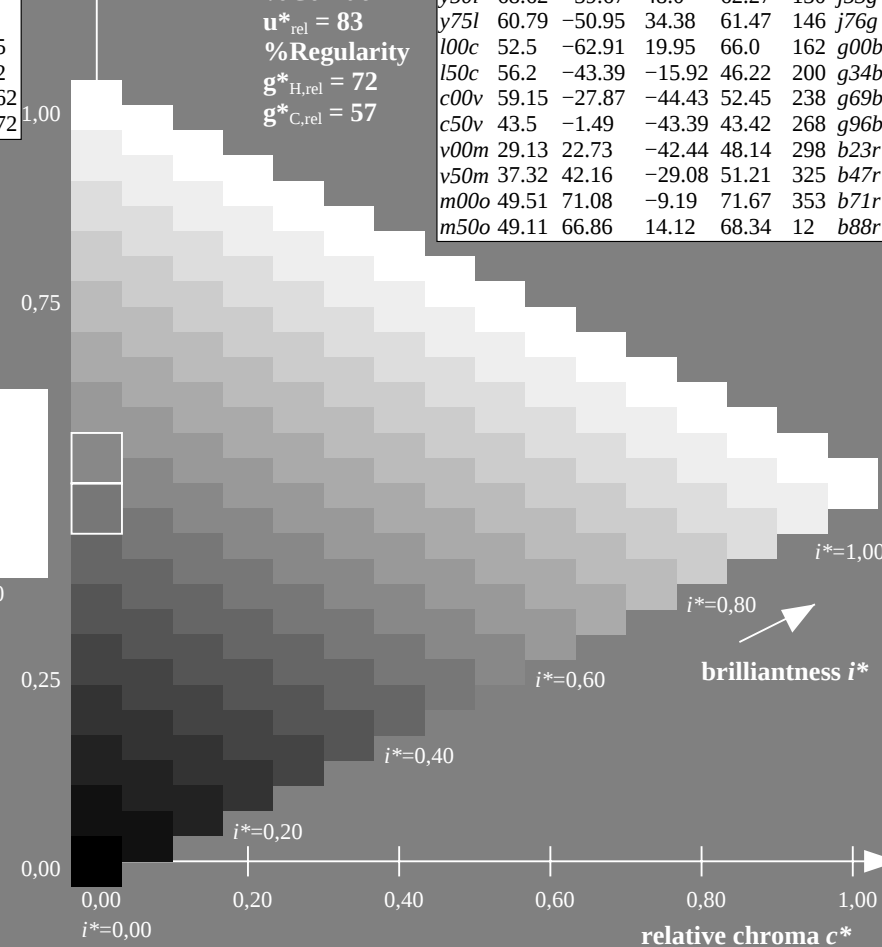
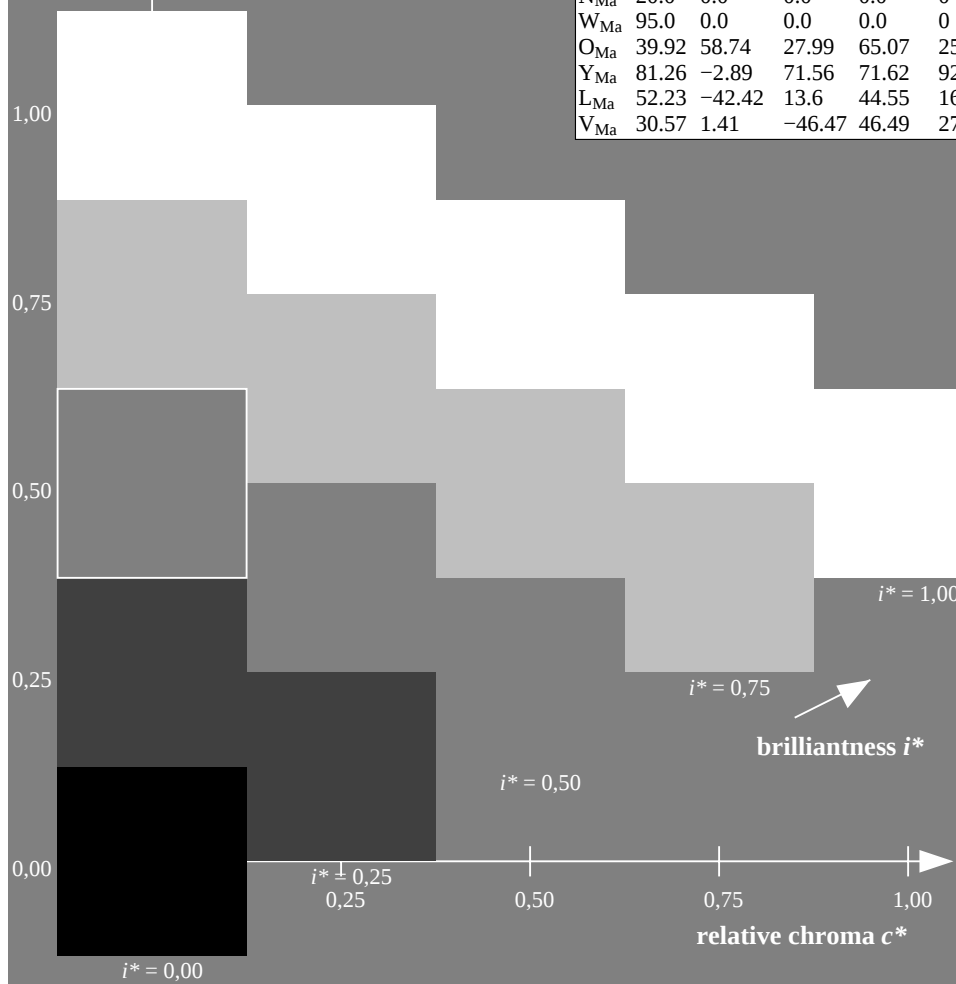
%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

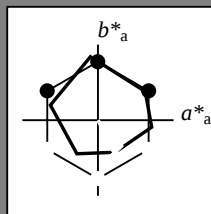
ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	48.71	62.56	37.91	73.15	31
o25y	58.6	44.87	49.14	66.54	48
o50y	67.52	28.93	59.25	65.94	64
o75y	77.05	11.9	70.06	71.06	80
y00l	89.25	-9.92	83.91	84.49	97
y25l	77.37	-27.05	63.23	68.78	113
y50l	68.62	-39.67	48.0	62.27	130
y75l	60.79	-50.95	34.38	61.47	146
l00c	52.5	-62.91	19.95	66.0	162
l50c	56.2	-43.39	-15.92	46.22	200
c00v	59.15	-27.87	-44.43	52.45	238
c50v	43.5	-1.49	-43.39	43.42	268
v00m	29.13	22.73	-42.44	48.14	298
v50m	37.32	42.16	-29.08	51.21	325
m00o	49.51	71.08	-9.19	71.67	353
m50o	49.11	66.86	14.12	68.34	12

$u^*_d = c50v$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 23 -42

$LAB^*LCH^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

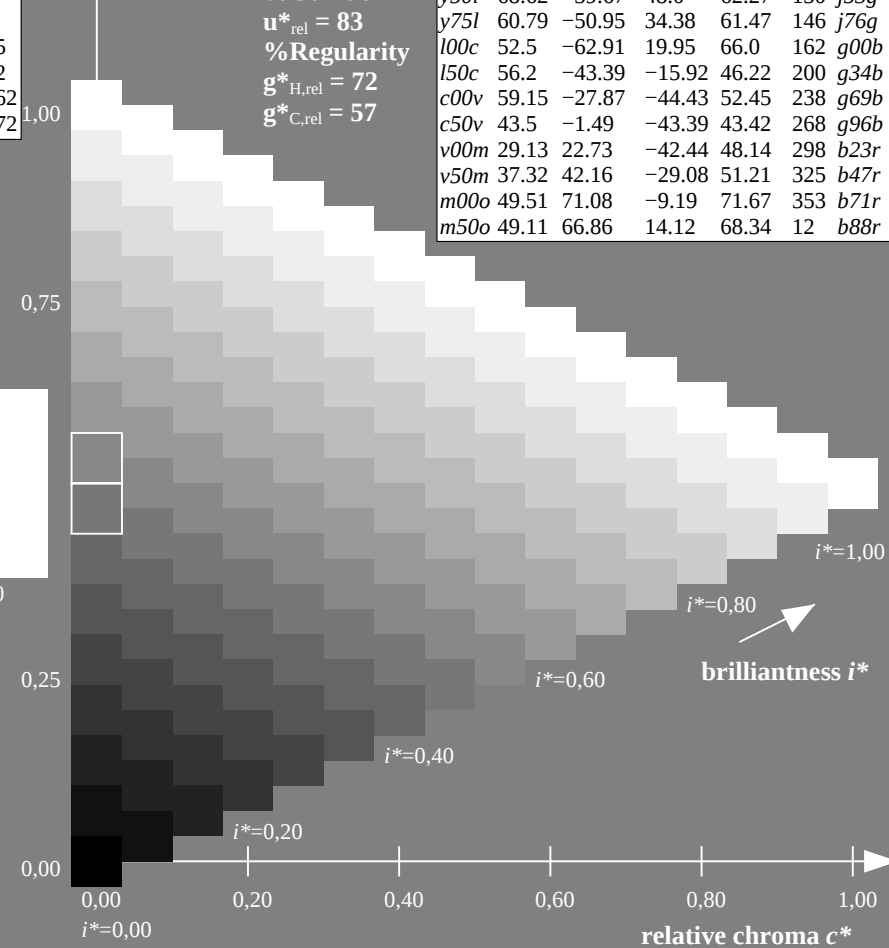
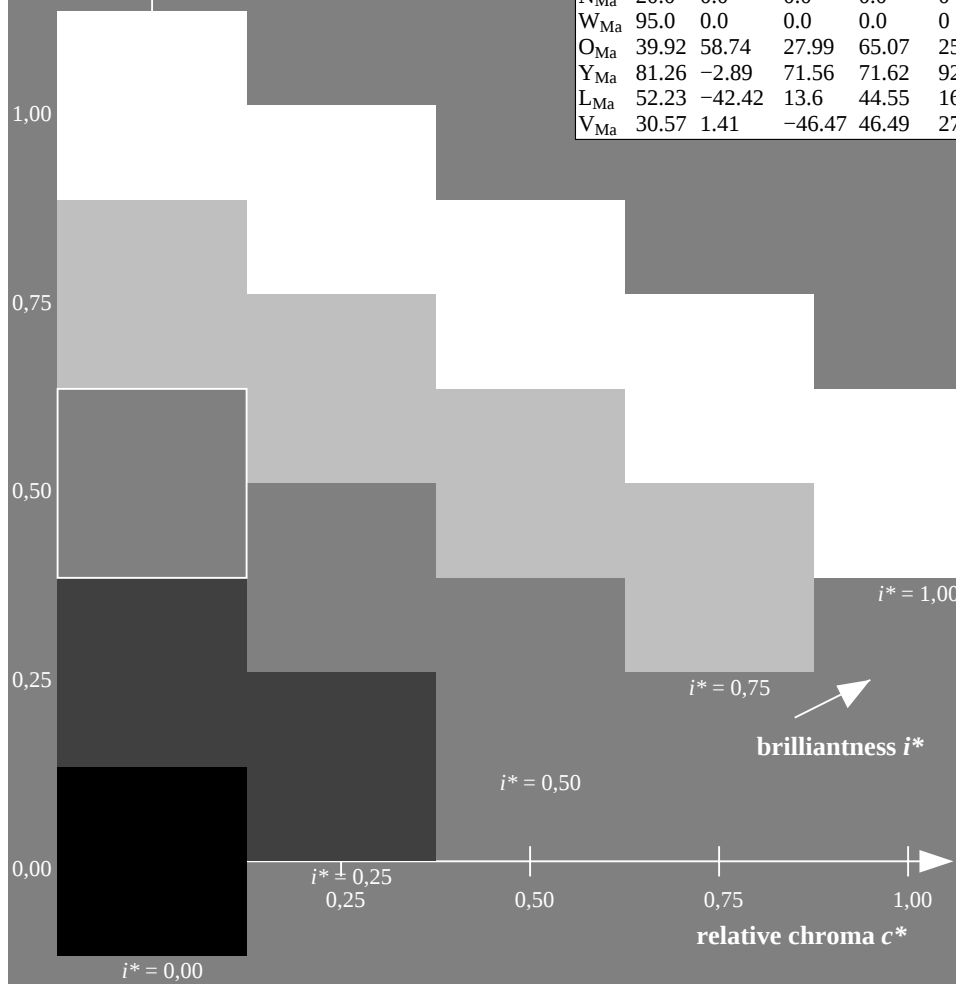
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

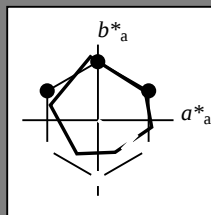
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v00m$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 37 42 -29

$LAB^*LCH^*_{Ma}$: 37 51 325

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

$lab^*rgb^*_{Ma}$: 0.94 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

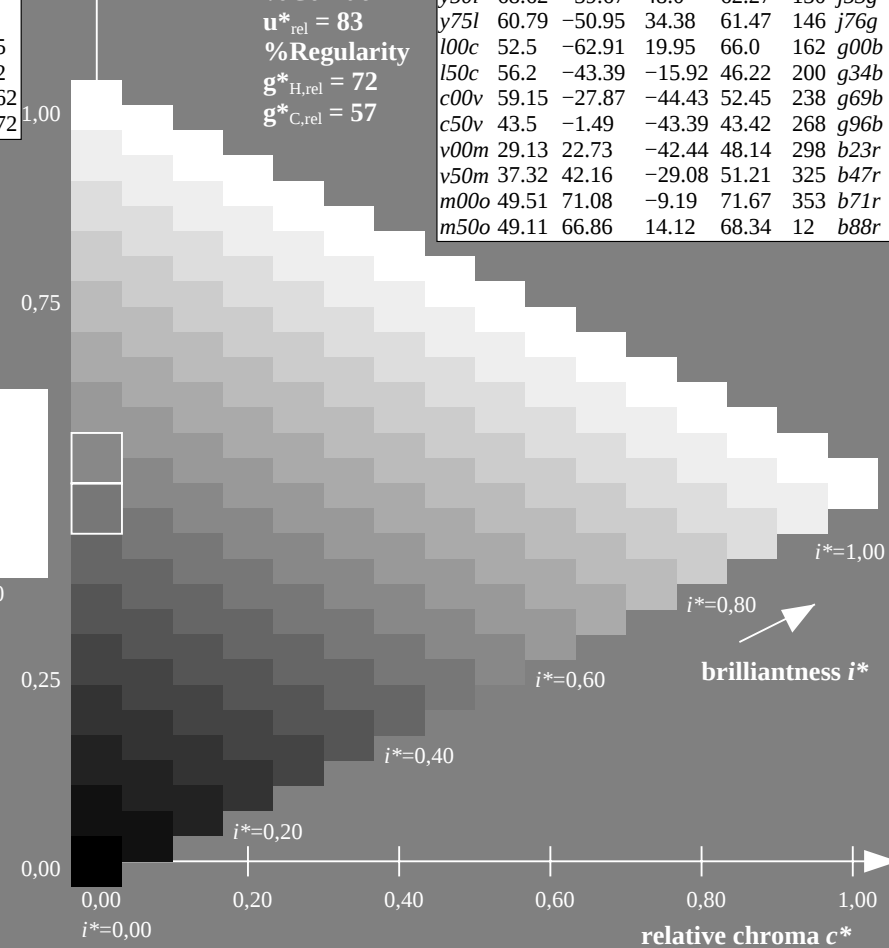
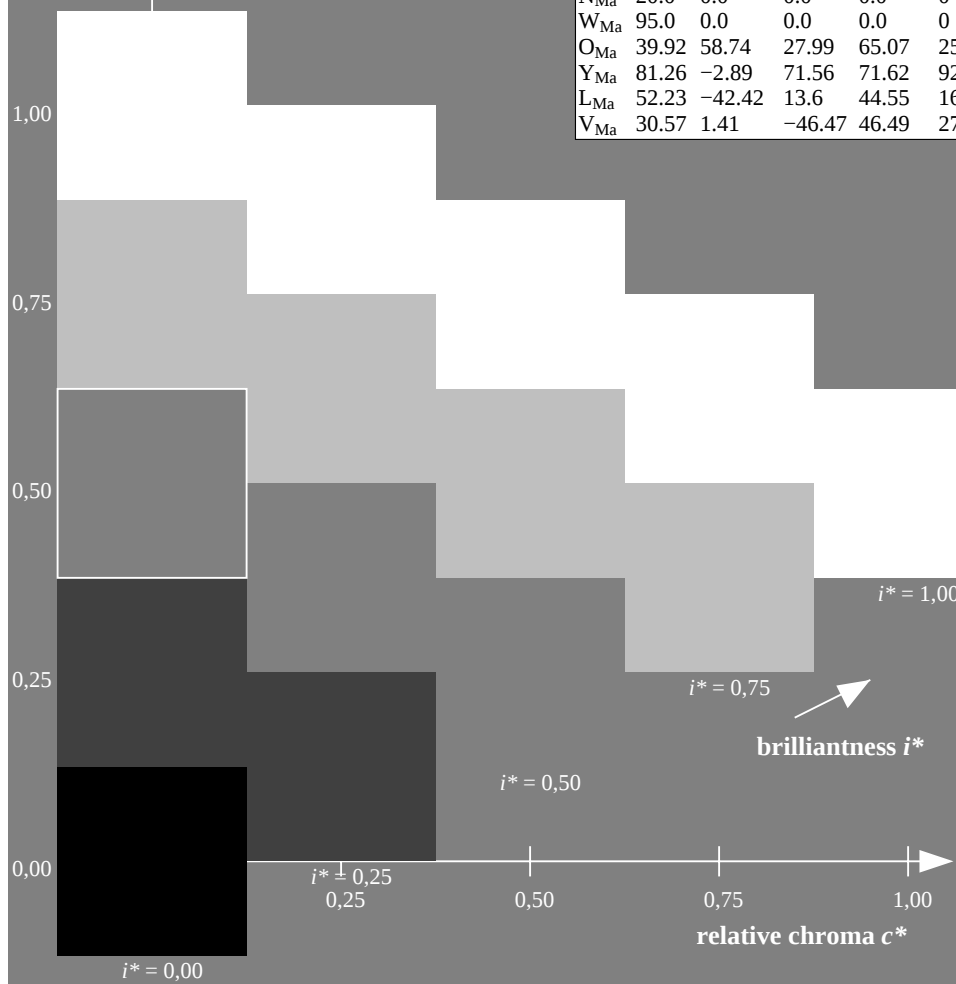
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

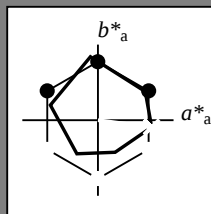
ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	48.71	62.56	37.91	73.15	31
o25y	58.6	44.87	49.14	66.54	48
o50y	67.52	28.93	59.25	65.94	64
o75y	77.05	11.9	70.06	71.06	80
y00l	89.25	-9.92	83.91	84.49	97
y25l	77.37	-27.05	63.23	68.78	113
y50l	68.62	-39.67	48.0	62.27	130
y75l	60.79	-50.95	34.38	61.47	146
l00c	52.5	-62.91	19.95	66.0	162
l50c	56.2	-43.39	-15.92	46.22	200
c00v	59.15	-27.87	-44.43	52.45	238
c50v	43.5	-1.49	-43.39	43.42	268
v00m	29.13	22.73	-42.44	48.14	298
v50m	37.32	42.16	-29.08	51.21	325
m00o	49.51	71.08	-9.19	71.67	353
m50o	49.11	66.86	14.12	68.34	12

$u^*_d = v50m$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m00o$ $u^*_e = b71r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



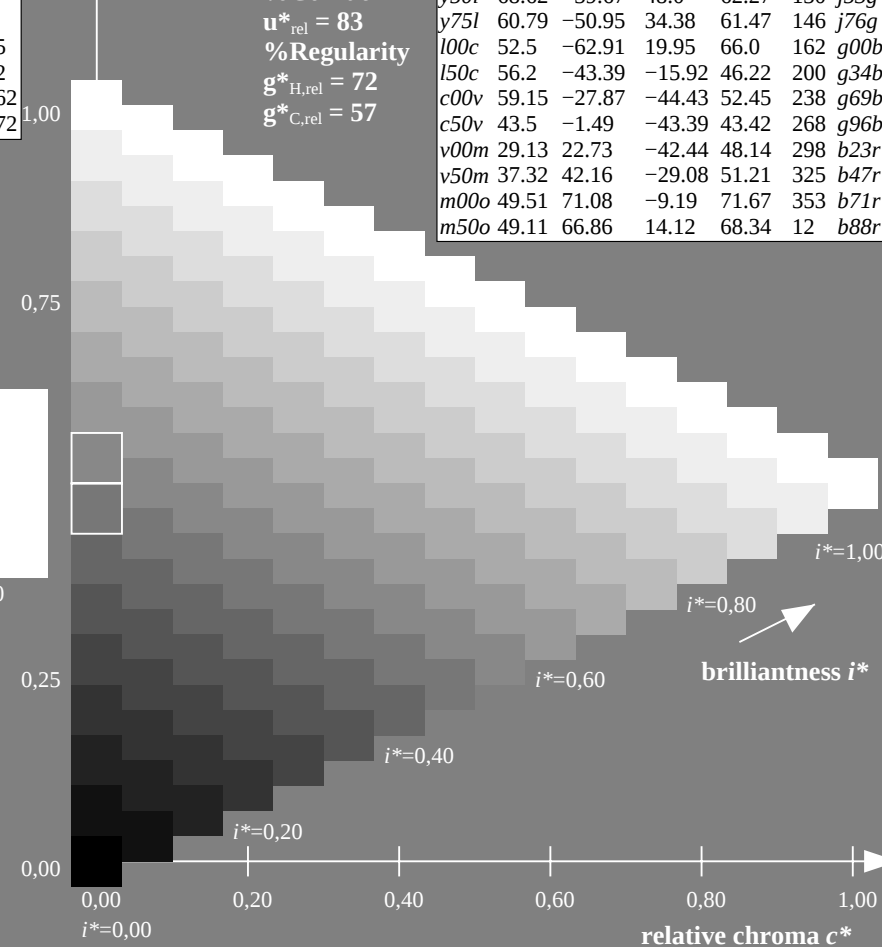
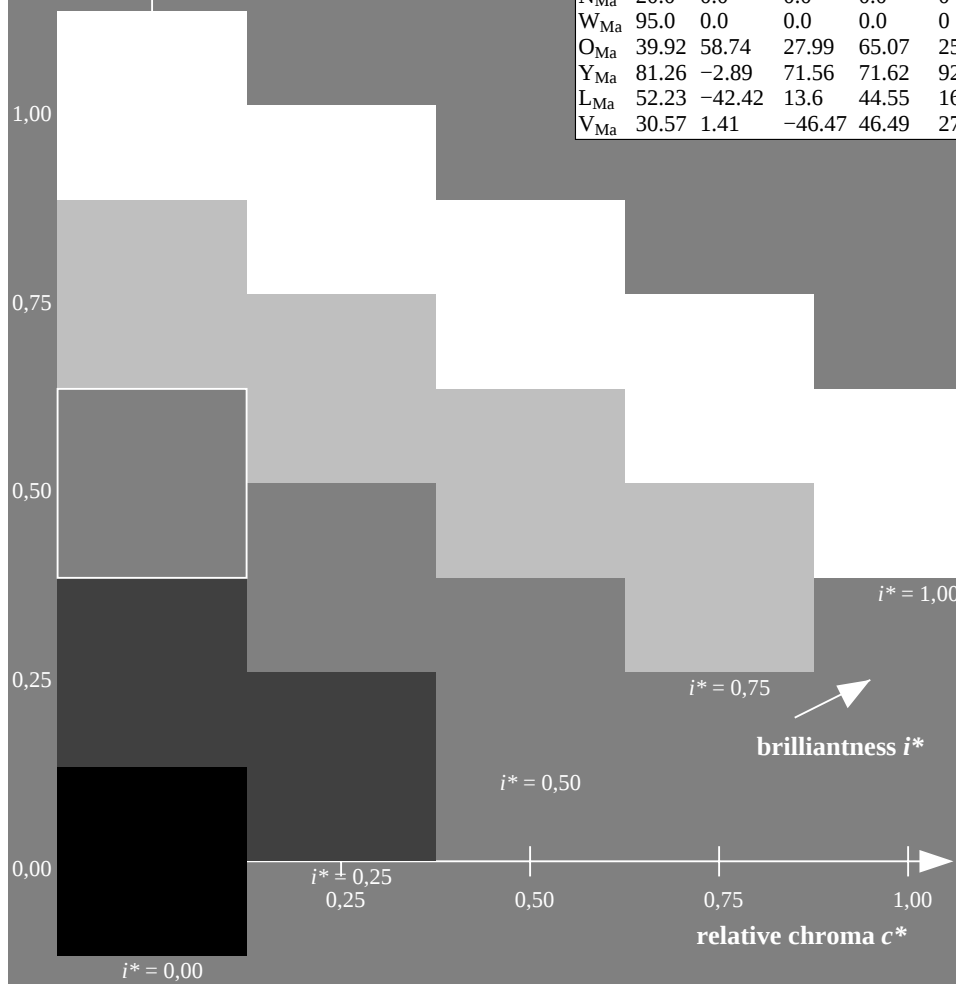
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 71 -9
 $LAB^*LCH^*_{Ma}$: 50 72 352
 $lab^*olv^*_{Ma}$: 1.0 0.0 1.0
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.58
triangle lightness t^*

%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

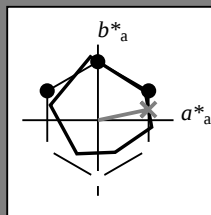
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 67 14

$LAB^*LCH^*_{Ma}$: 49 68 11

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.24

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

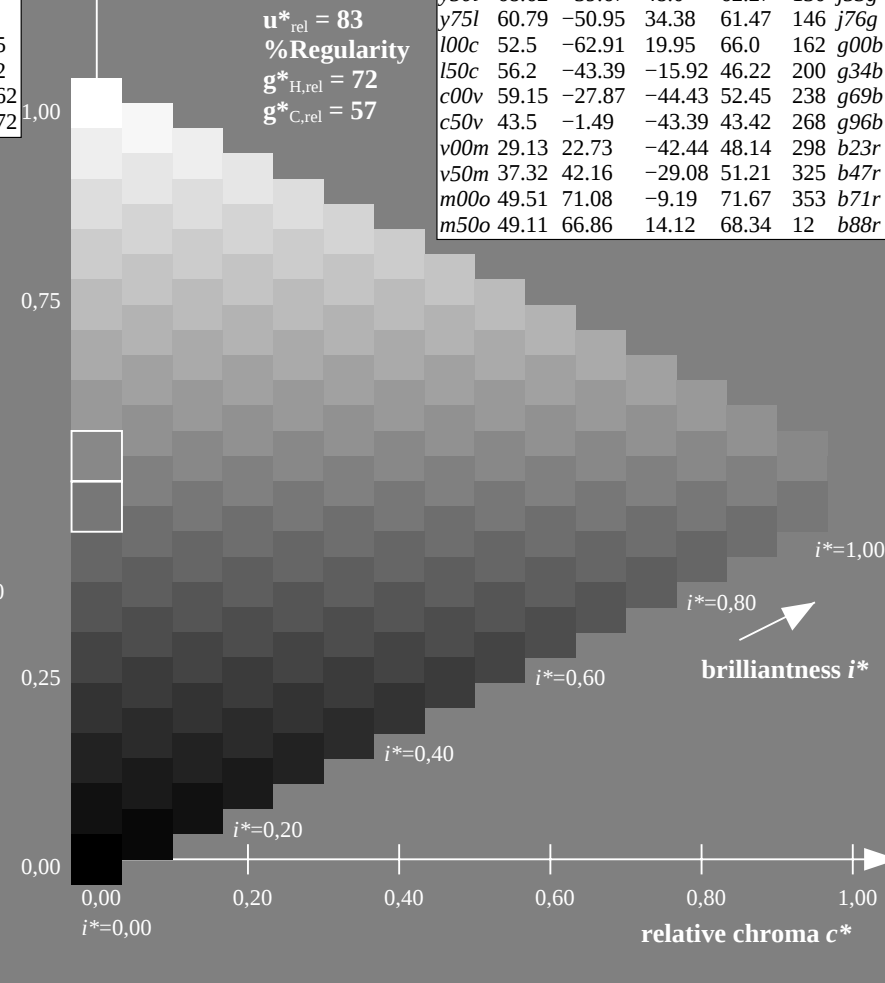
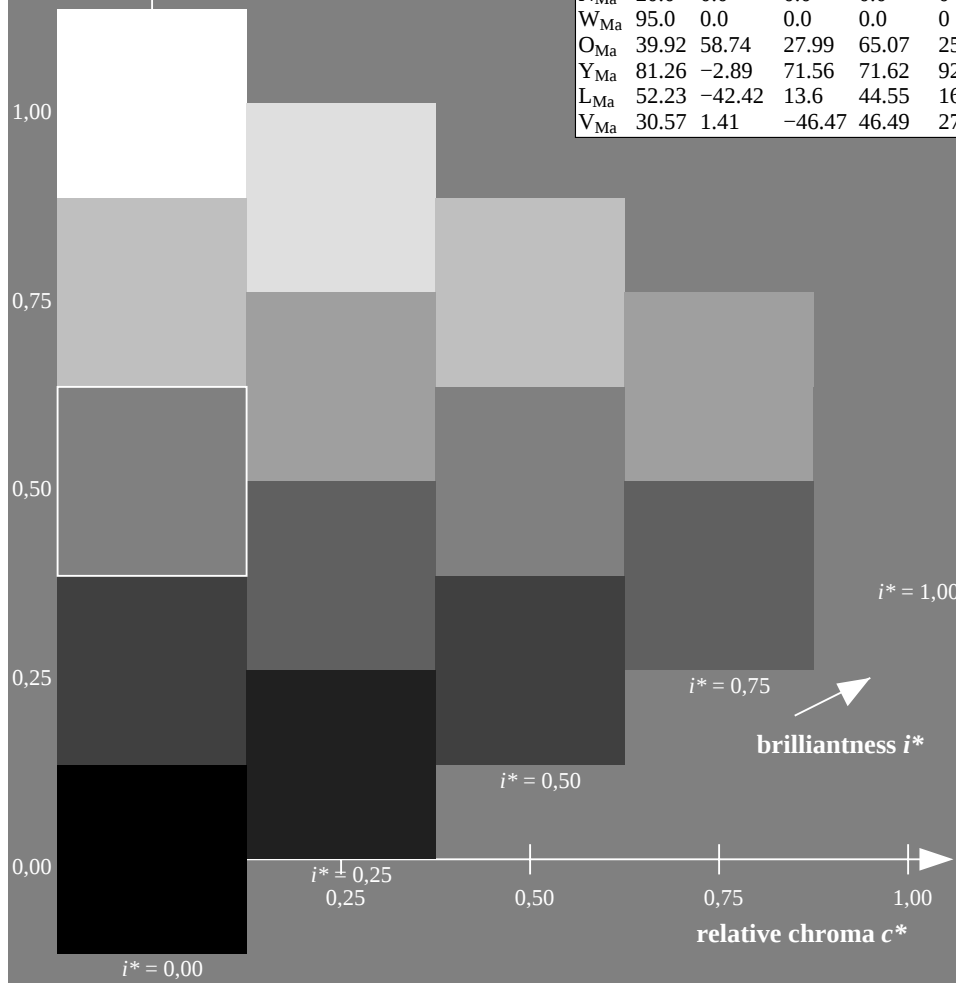
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m50o$



See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de/Ee45/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee45/10L/L45E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



Black separation empty

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Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

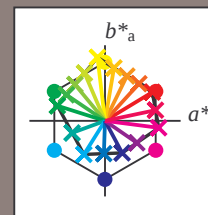
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut

$u^*_{rel} = 83$

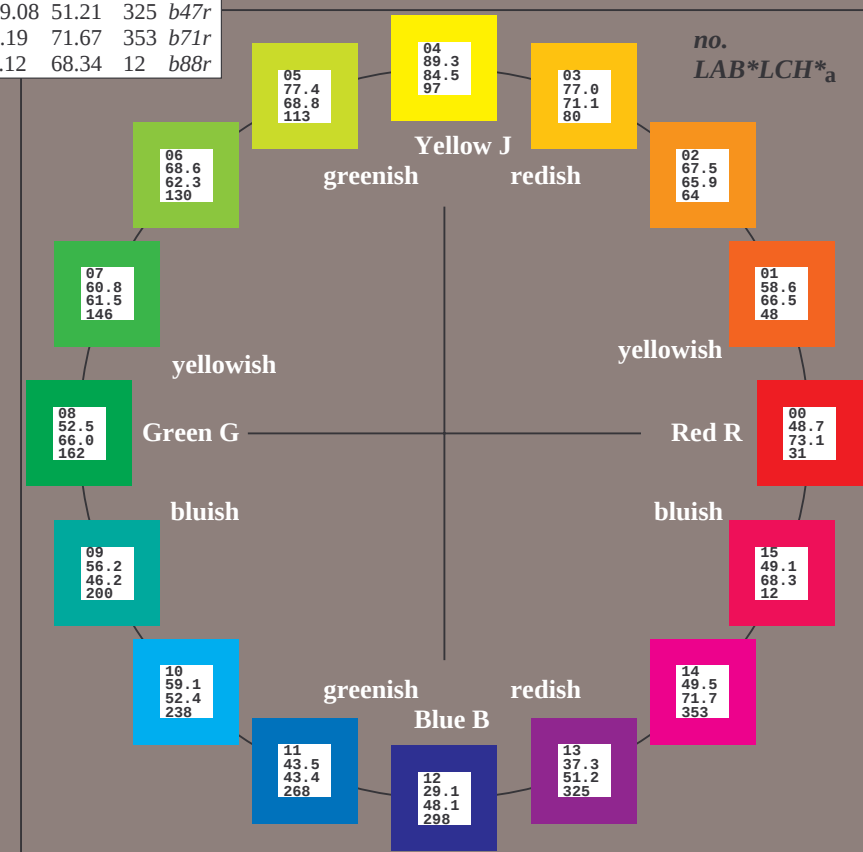
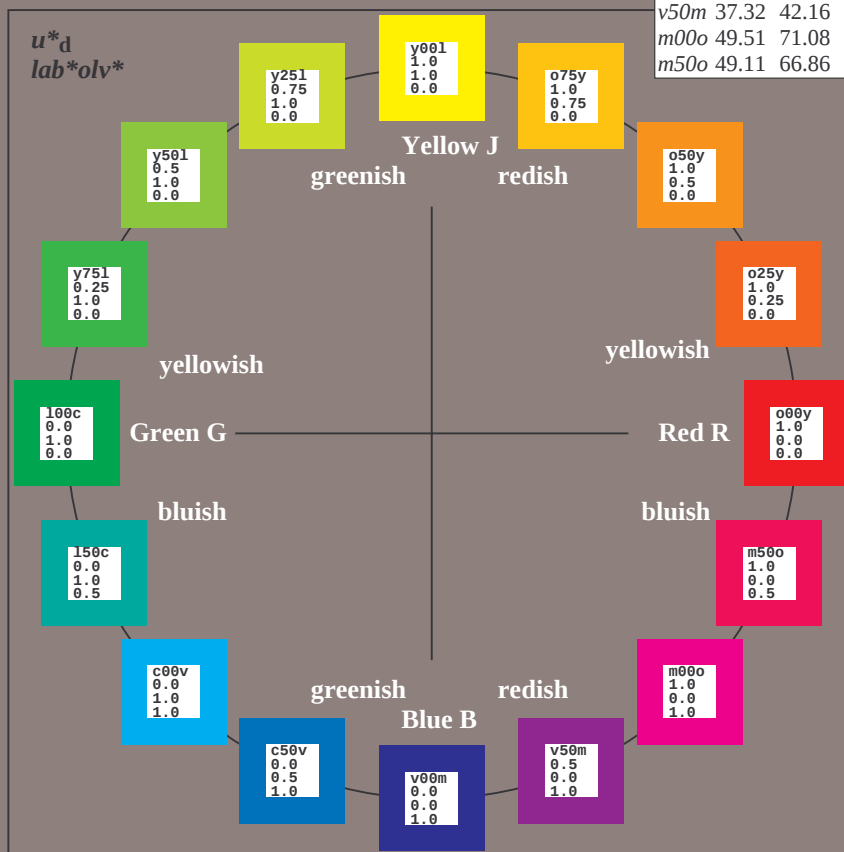
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	92
Y_{CIE}	81.26	-2.89	71.56	71.62	25
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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.132$

data for any colour:

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

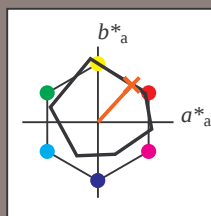
Hue texts:

$u^*_d = o25y$ $u^*_e = r33j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 45 49

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.178$

data for any colour:

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

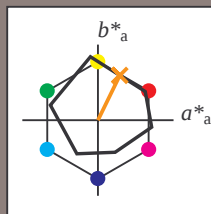
Hue texts:

$u^*_d = o50y$ $u^*_e = r57j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	48.71	62.56	37.91	73.15	31	r08j
Y _{Ma}	89.25	-9.92	83.91	84.49	97	r33j
L _{Ma}	52.5	-62.91	19.95	66.0	162	r57j
C _{Ma}	59.15	-27.87	-44.43	52.45	238	r81j
V _{Ma}	29.13	22.73	-42.44	48.14	298	j06g
M _{Ma}	49.51	71.08	-9.19	71.67	353	j30g
N _{Ma}	20.0	0.0	0.0	0.0	0	j53g
W _{Ma}	95.0	0.0	0.0	0.0	0	j76g
O _{Ma}	39.92	58.74	27.99	65.07	25	g00b
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g34b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g69b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g96b

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 68 29 59

$\text{LAB}^*\text{LCH}^*_{Ma}$: 68 66 63

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

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

triangle lightness t^*

% Gamut

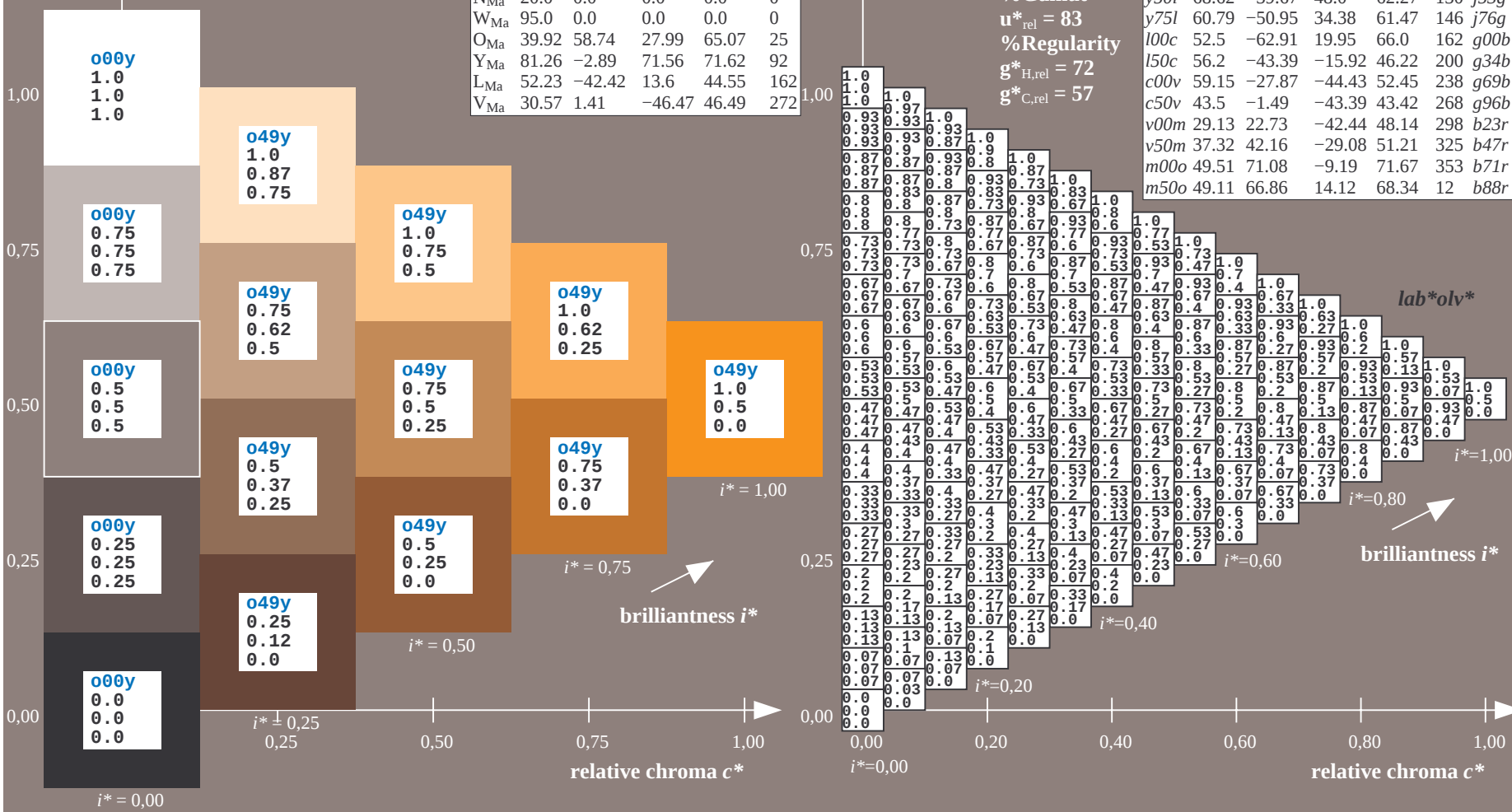
$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

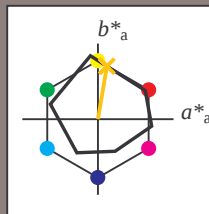
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.223$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o75y$ $u^*_e = r81j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 77 12 70

$\text{LAB}^*\text{LCH}^*_{Ma}$: 77 71 80

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.269$

data for any colour:

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

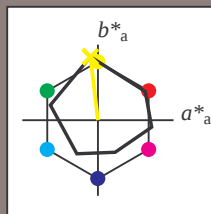
Hue texts:

$u^*_d = y00l$ $u^*_e = j06g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 89 -10 84

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 89 84 96

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.94 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 83$

% Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*olv^*

$i^* = 1.00$

$i^* = 0.80$

brilliantness i^*

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

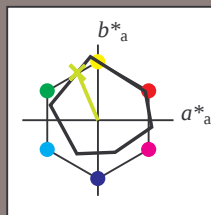
Hue texts:

$u^*_d = y25l$ $u^*_e = j30g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 -27 63

$LAB^*LCH^*_{Ma}$: 77 69 113

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

$lab^*rgb^*_{Ma}$: 0.7 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

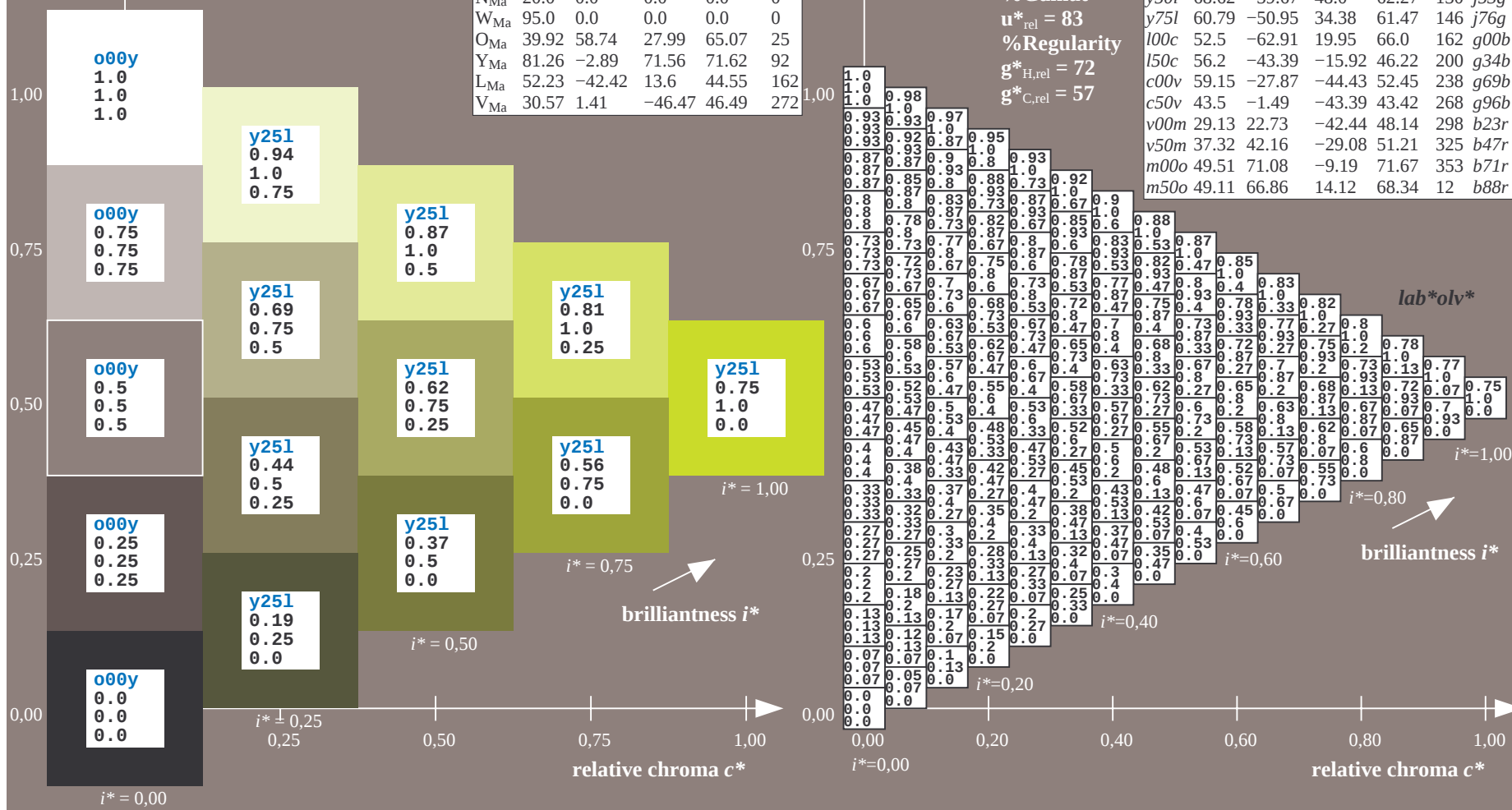
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y25l$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.36$

data for any colour:

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

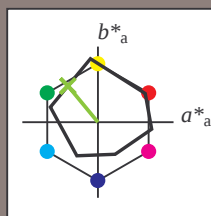
Hue texts:

$u^*_d = y50l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 69 -40 48

$\text{LAB}^*\text{LCH}^*_{Ma}$: 69 62 129

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.47 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.406$

data for any colour:

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

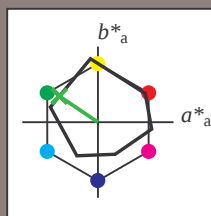
Hue texts:

$u^*_d = y75l$ $u^*_e = j76g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 61 -51 34

$\text{LAB}^*\text{LCH}^*_{Ma}$: 61 61 145

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:

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

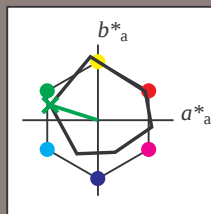
Hue texts:

$u^*_d = 100c$ $u^*_e = g00b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -63 20

$LAB^*LCH^*_{Ma}$: 52 66 162

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*olv^*

$i^* = 1.00$

$i^* = 0.80$

brilliantness i^*

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

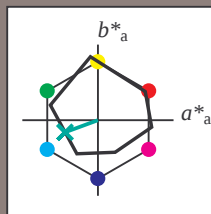
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 56 -43 -16

$\text{LAB}^*\text{LCH}^*_{Ma}$: 56 46 200

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

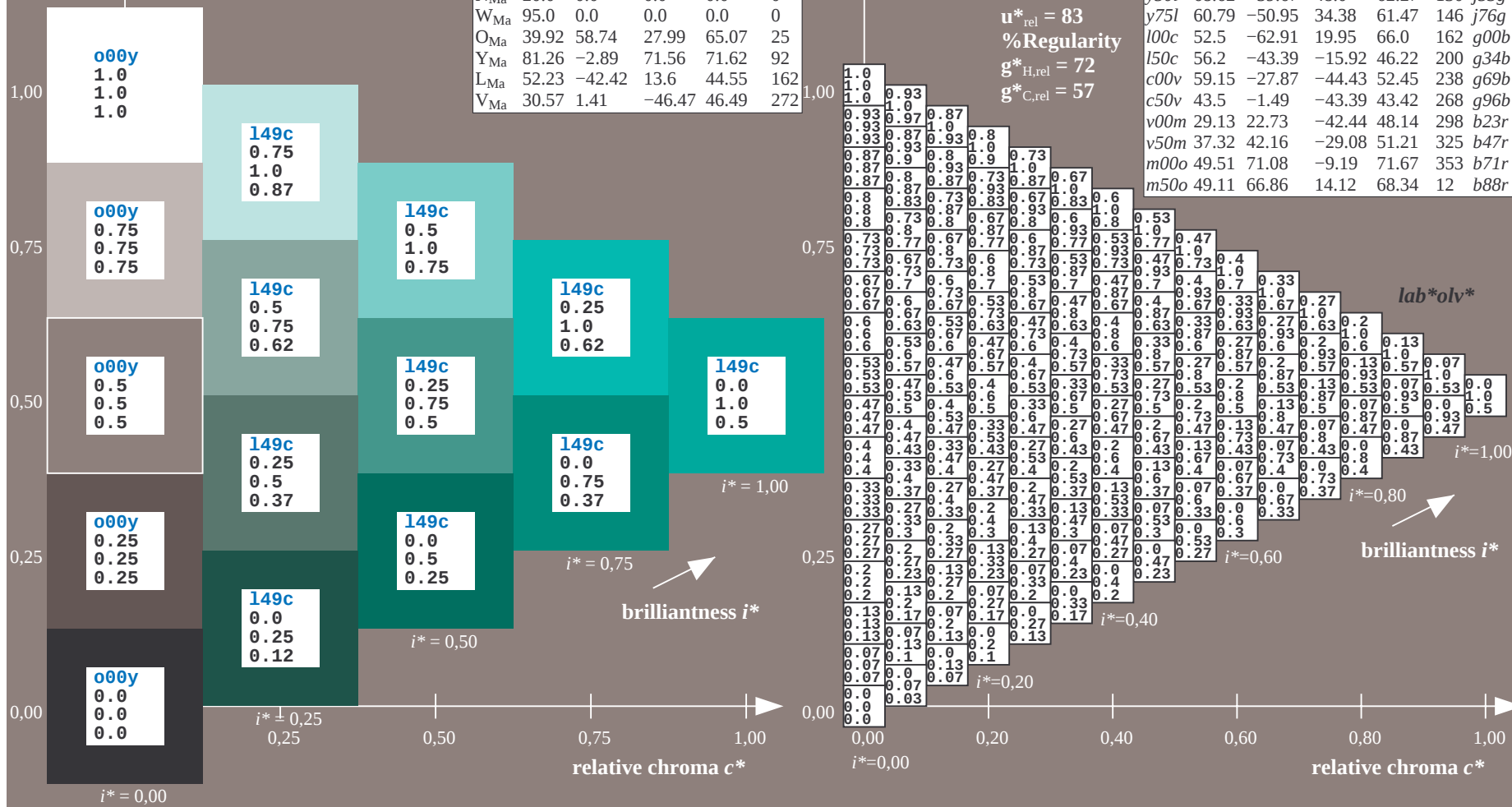
% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

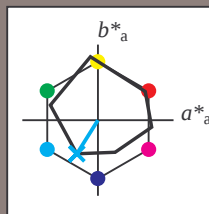
$u^*_d = 150c$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.661$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 -28 -44

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 52 237

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

% Gamut

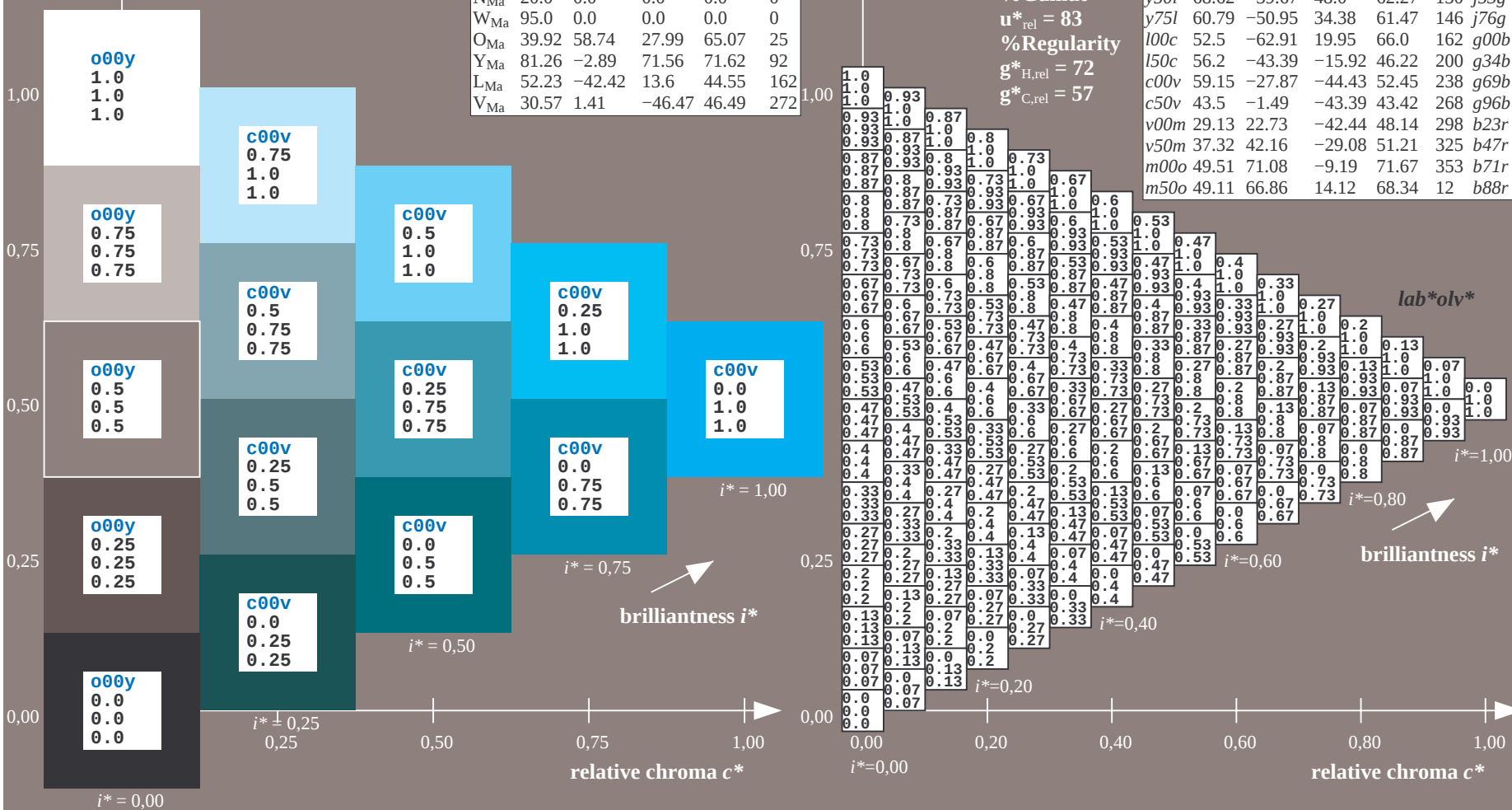
$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$

data for any colour:

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

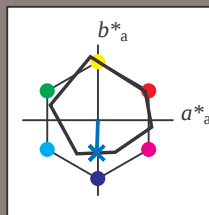
Hue texts:

$u^*_d = c50v$ $u^*_e = g96b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 43 -1 -43

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 43 43 268

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.0 0.07 1.0

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 83$

% Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

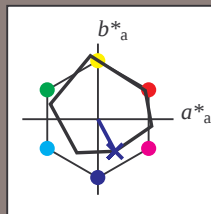
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.828$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 29 23 -42

$\text{LAB}^*\text{LCH}^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

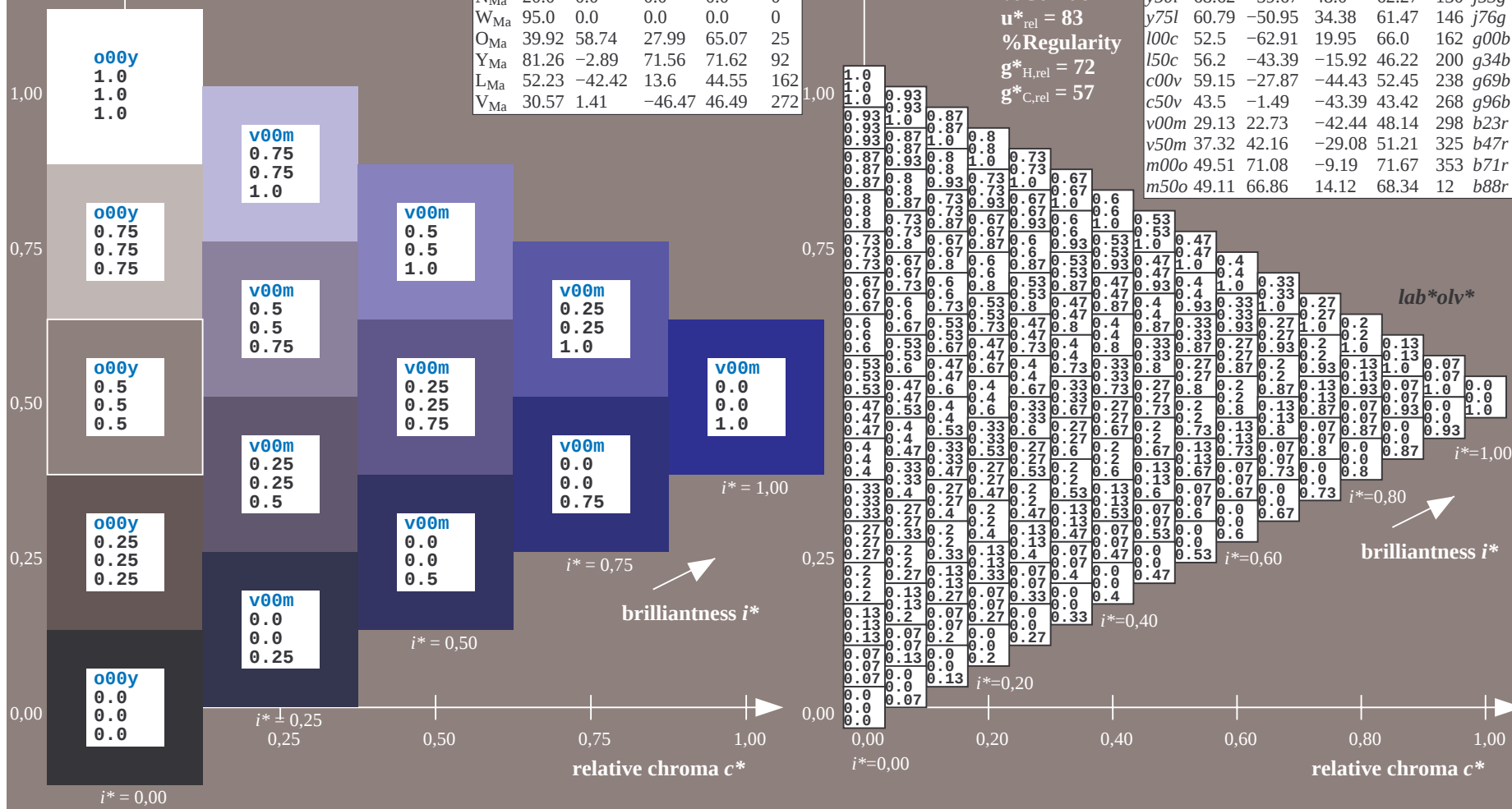
% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v00m$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.904$

data for any colour:

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

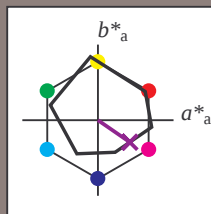
Hue texts:

$u^*_d = v50m$ $u^*_e = b47r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 37 42 -29

$\text{LAB}^*\text{LCH}^*_{Ma}$: 37 51 325

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.94 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.98$

data for any colour:

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

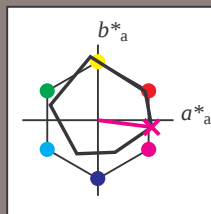
Hue texts:

$u^*_d = m00o$ $u^*_e = b71r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 50 71 -9

$\text{LAB}^*\text{LCH}^*_{Ma}$: 50 72 352

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

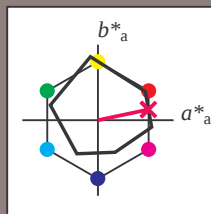
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 49 67 14

$\text{LAB}^*\text{LCH}^*_{Ma}$: 49 68 11

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.0 0.24

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

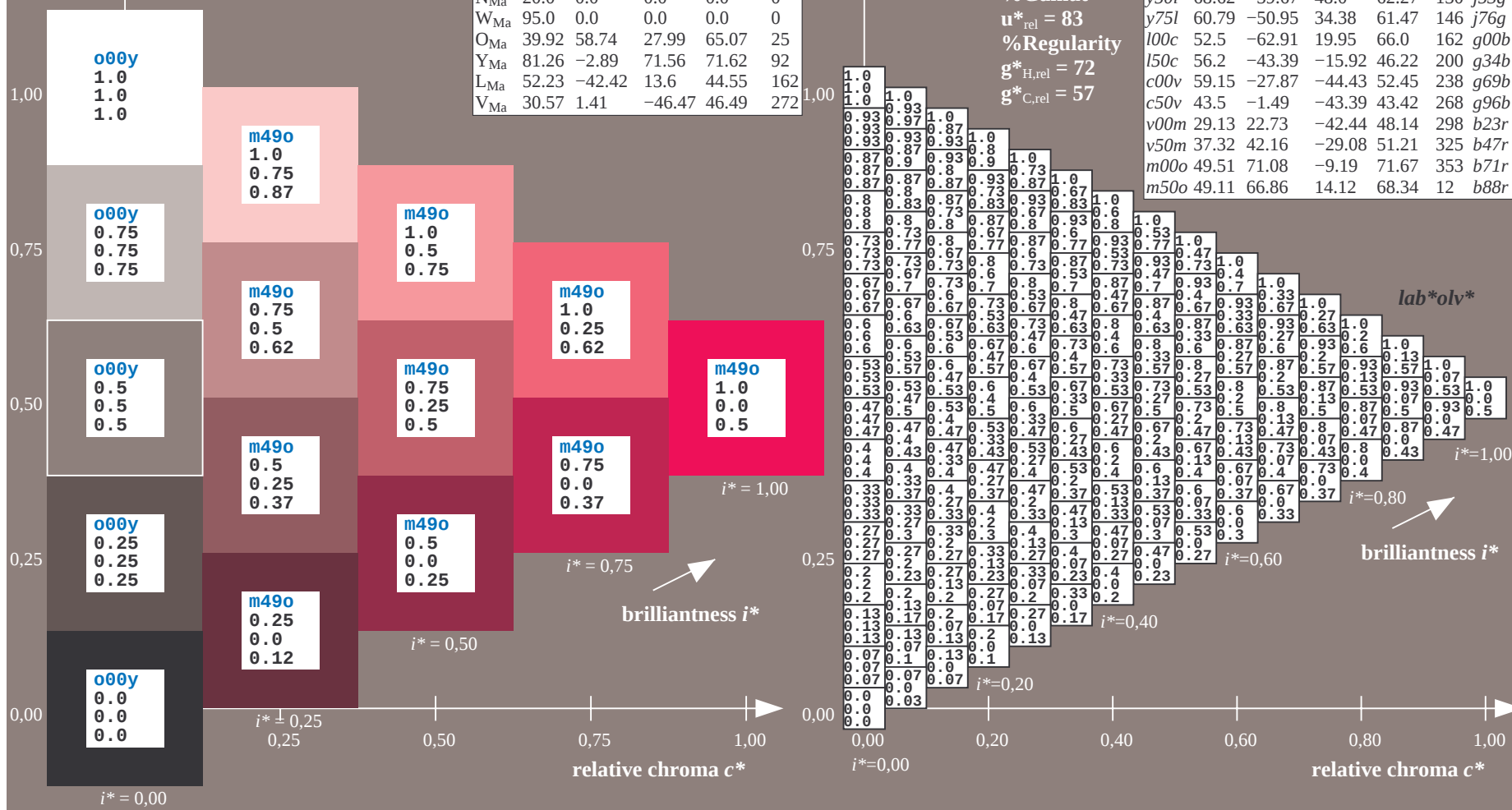
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m50o$
 lab^*olv^*



See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

	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*oly*					
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0		
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0		
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0		
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13	0.13	
	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0		
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25	0.25	
03	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25	
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38	0.38	
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	0.38	
04	0.0	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.0	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	0.38
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63		
	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63		
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.75	0.75	0.75	0.75		
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75		
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.88	0.88	0.88	0.88		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.88	0.88	0.88	0.88		
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88		
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	1.0	1.0	1.0	1.0		
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0		
10	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0		
	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0			
	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0			
11	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.07	0.07	0.07	0.07		
	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.07	0.07	0.07	0.07	
	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.07	0.07	0.07	0.07		
12	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13	0.13		
	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13			
13	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.5																																		

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

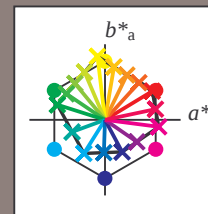
u^*_d = 16 hues $o00y, o25y, \dots, m50o$

contrast reduction factor:

$c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut

$u^*_{rel} = 83$

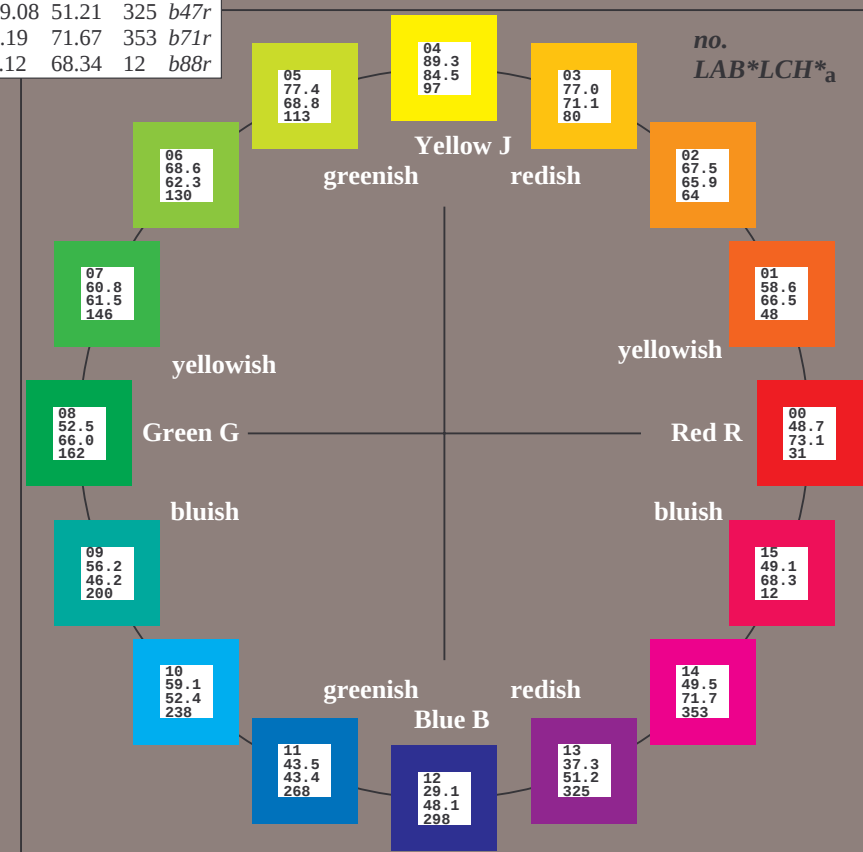
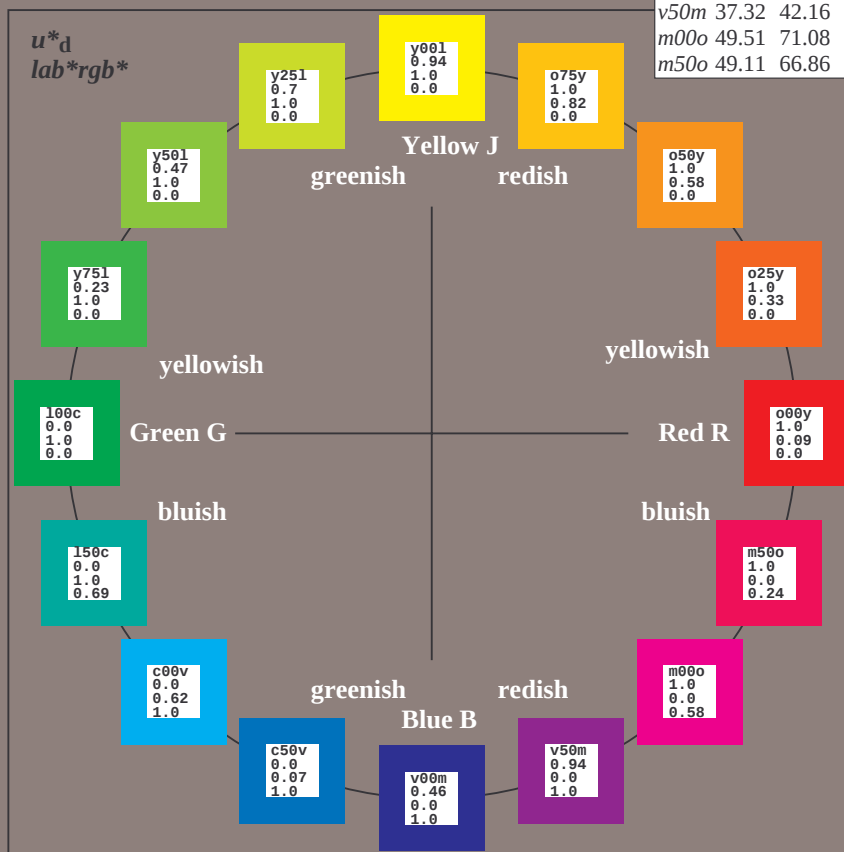
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

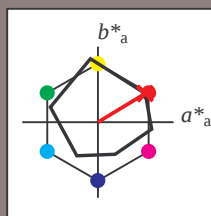
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	92
Y_{CIE}	81.26	-2.89	71.56	71.62	25
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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 49 63 38

$\text{LAB}^*\text{LCH}^*_{Ma}$: 49 73 31

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.09 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:

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

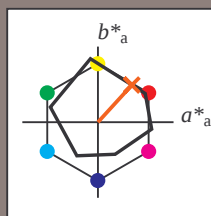
Hue texts:

$u^*_d = o25y$ $u^*_e = r33j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 45 49

$LAB^*LCH^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

data for any colour:

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

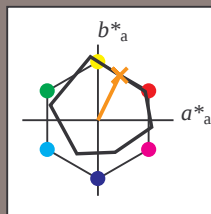
Hue texts:

$u^*_d = o50y$ $u^*_e = r57j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 68 29 59

$LAB^*LCH^*_{Ma}$: 68 66 63

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.223$

data for any colour:

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

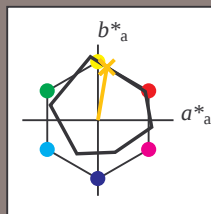
Hue texts:

$u^*_d = o75y$ $u^*_e = r81j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 77 12 70

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 77 71 80

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

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

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 83$

% Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*rgb^*

$i^* = 1.00$

$i^* = 0.80$

brilliantness i^*

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.269$

data for any colour:

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

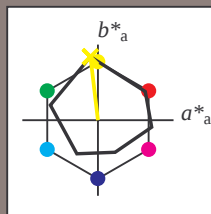
Hue texts:

$u^*_d = y00l$ $u^*_e = j06g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 89 -10 84

$\text{LAB}^*\text{LCH}^*_{Ma}$: 89 84 96

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.94 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

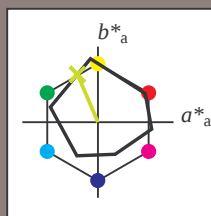
Hue texts:

$u^*_d = y25l$ $u^*_e = j30g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 77 -27 63

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 77 69 113

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.7 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 83$

% Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

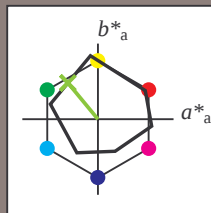
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.36$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 69 -40 48

$\text{LAB}^*\text{LCH}^*_{Ma}$: 69 62 129

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.47 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*rgb^*

$i^* = 1.00$

$i^* = 0.80$

brilliantness i^*

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$

data for any colour:

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

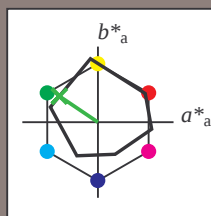
Hue texts:

$u^*_d = y75l$ $u^*_e = j76g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 61 -51 34

$LAB^*LCH^*_{Ma}$: 61 61 145

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

$lab^*rgb^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour: Data for maximum colour (Ma):

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

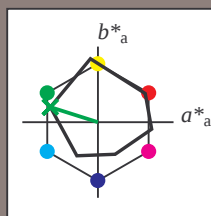
Hue texts:

$$u_d^* = 100c \quad u_e^* = 900b$$

contrast reduction factor:

$$c_R = 0.96$$
triangle lightness t^*

Figure 6



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB*LAB*Ma: 52 -63 20

LAB*LCH*M₃: 52 66 162

lab*olv*_Ma: 0.0 1.0 0.0

*lab*rgb*_Ma: 0.0 1.0 0.0*

triangle lightness t^*

0

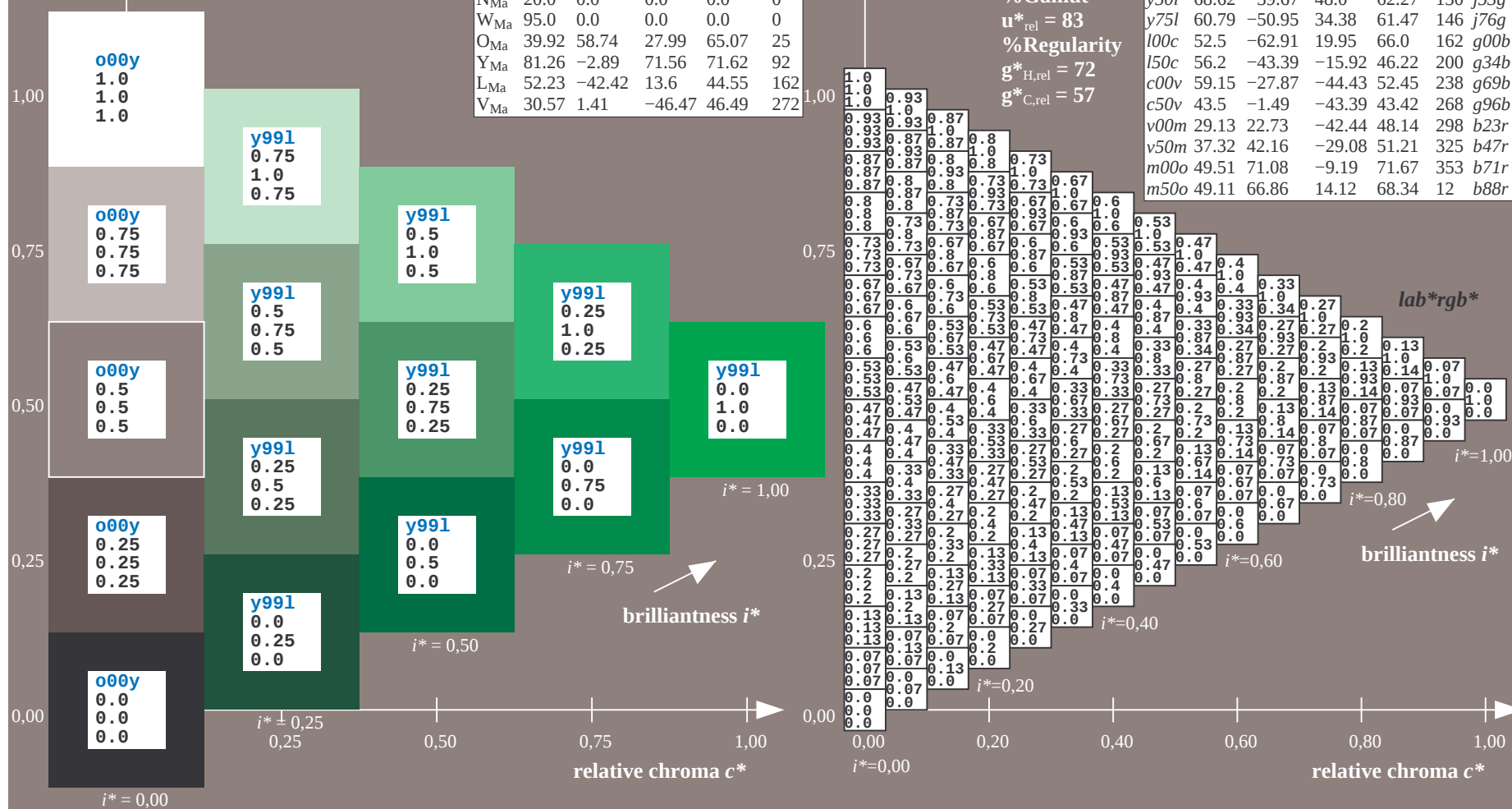
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 83$$

%Regularity

$$g_{\text{H,rel}}^* = 72$$
$$\mathbf{g}_{\text{C,rel}}^* = 57$$

ORS20_95a; adapted (a) CIELAB data							
u_d^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_e^*	
<i>o00y</i>	48.71	62.56	37.91	73.15	31	<i>r08i</i>	
<i>o25y</i>	58.6	44.87	49.14	66.54	48	<i>r33j</i>	
<i>o50y</i>	67.52	28.93	59.25	65.94	64	<i>r57j</i>	
<i>o75y</i>	77.05	11.9	70.06	71.06	80	<i>r81j</i>	
<i>y00l</i>	89.25	-9.92	83.91	84.49	97	<i>j06g</i>	
<i>y25l</i>	77.37	-27.05	63.23	68.78	113	<i>j30g</i>	
<i>y50l</i>	68.62	-39.67	48.0	62.27	130	<i>j53g</i>	
<i>y75l</i>	60.79	-50.95	34.38	61.47	146	<i>j76g</i>	
<i>l00c</i>	52.5	-62.91	19.95	66.0	162	<i>g00b</i>	
<i>l50c</i>	56.2	-43.39	-15.92	46.22	200	<i>g34b</i>	
<i>c00v</i>	59.15	-27.87	-44.43	52.45	238	<i>g69b</i>	
<i>c50v</i>	43.5	-1.49	-43.39	43.42	268	<i>g96b</i>	
<i>v00m</i>	29.13	22.73	-42.44	48.14	298	<i>b23r</i>	
<i>v50m</i>	37.32	42.16	-29.08	51.21	325	<i>b47r</i>	
<i>m00o</i>	49.51	71.08	-9.19	71.67	353	<i>b71r</i>	
<i>m50o</i>	49.11	66.86	14.12	68.34	12	<i>b88r</i>	

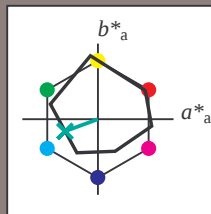


BAM-test chart Ee45; Colorimetric systems, Page 136/270
3 separations and 9 data tables for 16 hues $o00y$ to $m75o$

```
input: 000n / w / nnn0 / www set...
output: ->cmv0* setcmvcolor
```

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 56 -43 -16

$\text{LAB}^*\text{LCH}^*_{Ma}$: 56 46 200

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = 150c$
 lab^*rgb^*

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

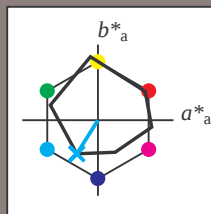
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.661$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 -28 -44

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 52 237

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$

data for any colour:

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

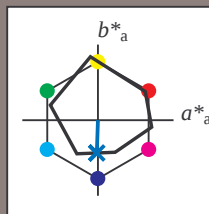
Hue texts:

$u^*_d = c50v$ $u^*_e = g96b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 43 -1 -43

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 43 43 268

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.0 0.07 1.0

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 83$

% Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

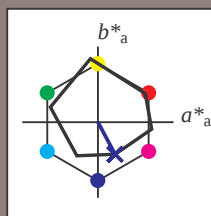
Hue texts:

$u^*_d = v00m$ $u^*_e = b23r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 29 23 -42

$\text{LAB}^*\text{LCH}^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

% Gamut

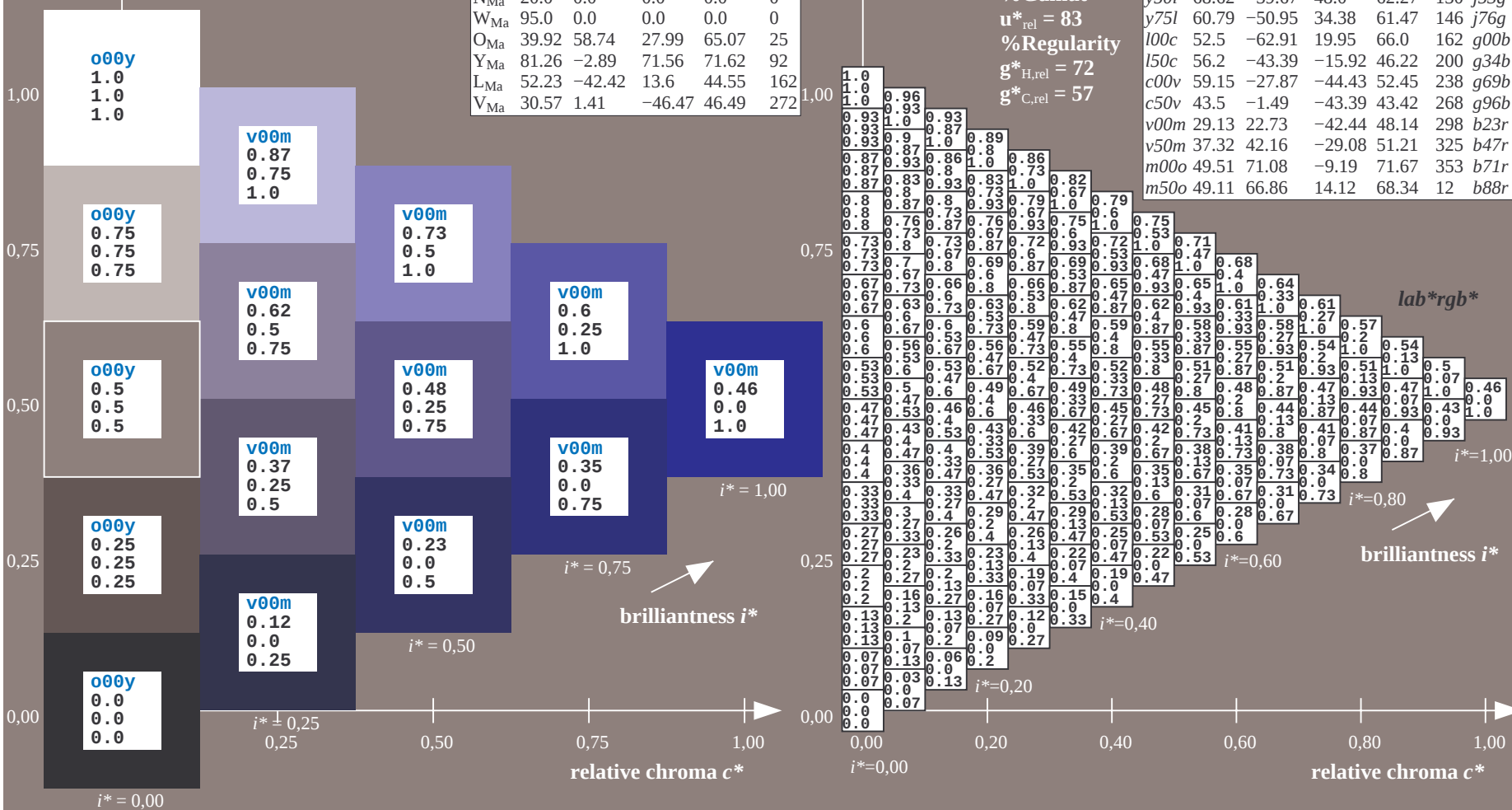
$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.904$

data for any colour:

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

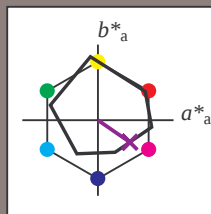
Hue texts:

$u^*_d = v50m$ $u^*_e = b47r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 37 42 -29

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 37 51 325

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.94 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 83$

% Regularity

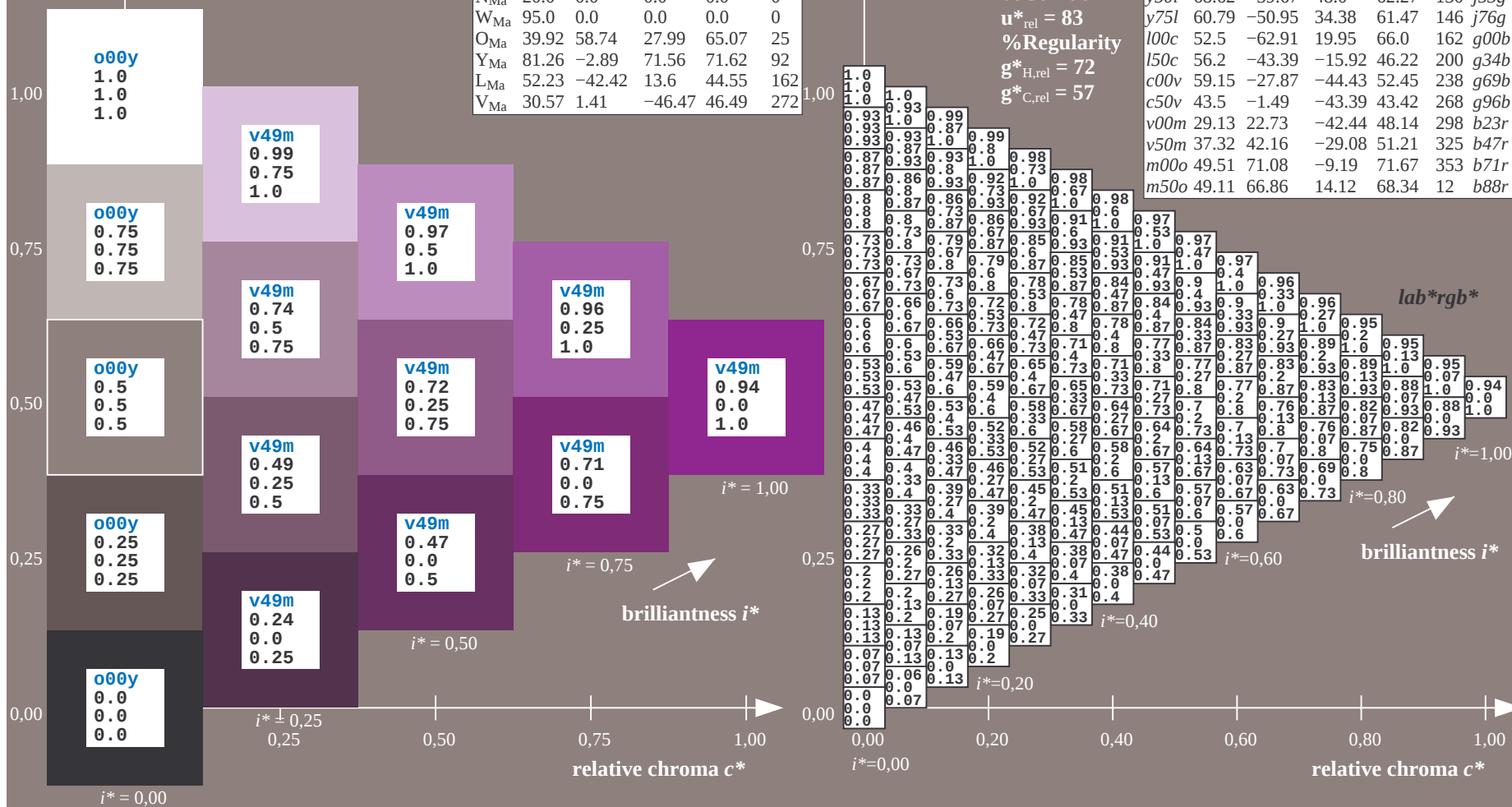
$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v50m$
 lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.98$

data for any colour:

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

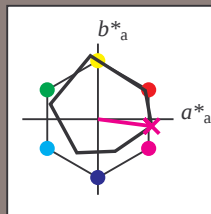
Hue texts:

$u^*_d = m00o$ $u^*_e = b71r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 50 71 -9

$\text{LAB}^*\text{LCH}^*_{Ma}$: 50 72 352

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m00o$
 lab^*rgb^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

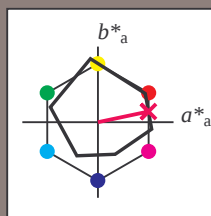
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 49 67 14

$\text{LAB}^*\text{LCH}^*_{Ma}$: 49 68 11

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.0 0.24

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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^*

See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de/Ee45/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*rgb*			
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.02	0.25	0.23	0.23	0.23	0.23	0.23	0.23	0.23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.01	0.13	0.12	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.02	0.14	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13
0.0	0.08	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.14	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.95	0.88	0.76	0.65	0.53	0.42	0.3	0.19	0.08	0.13	0.13	0.13	0.13	
0.13	0.13	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.07	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.06	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.18	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.0	0.02	0.15	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.13	0.2	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.9	0.83	0.75	0.64	0.52	0.41	0.29	0.18	0.06	0.25	0.25	0.25	0.25	
0.25	0.25	0.25	0.35	0.35	0.35	0.35	0.35	0.35	0.25	0.25	0.25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.14	0.2	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.1	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25
0.17	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.29	0.24	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.36	0.31	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.0	0.0	0.09	0.23	0.48	0.63	0.75	0.88	1.0	0.0	0.13	0.14	0.28	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.33	0.5	0.63	0.75	0.88	1.0	0.86	0.78	0.7	0.63	0.51	0.4	0.28	0.17	0.05	0.38	0.38	0.38	0.38	0.38	
0.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.52	0.52	0.52	0.52	0.38	0.38	0.38	0.38	0.38	0.38	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	
0.23	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.35	0.3	0.17	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.47	0.42	0.37	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.0	0.0	0.03	0.17	0.31	0.56	0.75	0.88	1.0	0.0	0.13	0.13	0.22	0.36	0.61	0.75	0.88	1.0	0.0	0.13	0.25	0.27	0.4	0.63	0.75	0.88	1.0	0.81	0.73	0.65	0.58	0.5	0.39	0.27	0.16	0.04	0.5	0.5	0.5	0.5		
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
0.29	0.16	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.41	0.36	0.22	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.53	0.48	0.42	0.29	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
0.35	0.22	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.47	0.42	0.28	0.15	0.13	0.13	0.13	0.13	0.13	0.13	0.59	0.54	0.48	0.35	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.0	0.0	0.0	0.05	0.19	0.33	0.46	0.71	0.96	0.0	0.13	0.13	0.24	0.37	0.51	0.76	1.0	0.0	0.0	0.13	0.25	0.25	0.28	0.42	0.56	0.81	1.0	0.71	0.64	0.56	0.48	0.4	0.33	0.25	0.14	0.02	0.75	0.75	0.75	0.75	0.75	0.75
0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
0.41	0.27	0.14	0.01	0.0	0.0	0.0	0.0	0.0	0.53	0.47	0.34	0.21	0.13	0.13	0.13	0.13	0.13	0.13	0.65	0.59	0.54	0.41	0.28	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.65	0.59	0.54	0.41	0.28	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
0.46	0.33	0.2	0.07	0.0	0.0	0.0	0.0	0.0	0.58	0.53	0.4	0.27	0.13	0.13	0.13	0.13	0.13	0.13	0.7	0.65	0.6	0.47	0.33	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.0	0.0	0.0	0.0	0.0	0.07	0.21	0.34	0.48	0.62	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.67	0.6	0.54	0.41	0.28	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
0.38	0.38	0.38	0.35	0.35	0.35	0.35	0.35	0.35	0.5	0.5	0.5	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
0.03	0.15	0.28	0.38	0.5	0.63	0.75	0.88	1.0	0.04	0.17	0.29	0.41	0.5	0.63	0.75	0.88	1.0	0.0	0.05	0.18	0.3	0.42	0.54	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.38	0.38	0.38	0.36	0.36	0.36	0.36	0.36	0.36	0.5	0.5	0.5	0.5	0.48	0.48	0.48	0.48	0.48	0.48	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
0.0	0.15	0.27	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.16	0.28	0.4	0.5	0.63	0.75	0.88	1.0	0.0	0.17	0.29	0.41	0.54	0.63	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
0.05	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.03	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.02	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.48	0.48	0.48	0.48	0.48	0.48	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
0.0	0.13	0.26	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.27	0.39	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.28	0.4	0.53	0.63	0.75	0.88	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
0.13	0.18	0.2																																							

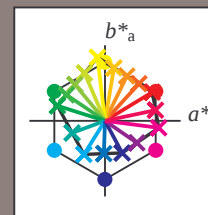
BAM registration: 20081001-Ee45/10L/L45E00NA.PS/.TXT
application for evaluation and measurement of printer or monitor systems
BAM material: code=rh4ta

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15
device hue text:
 u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$
contrast reduction factor:
 $c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

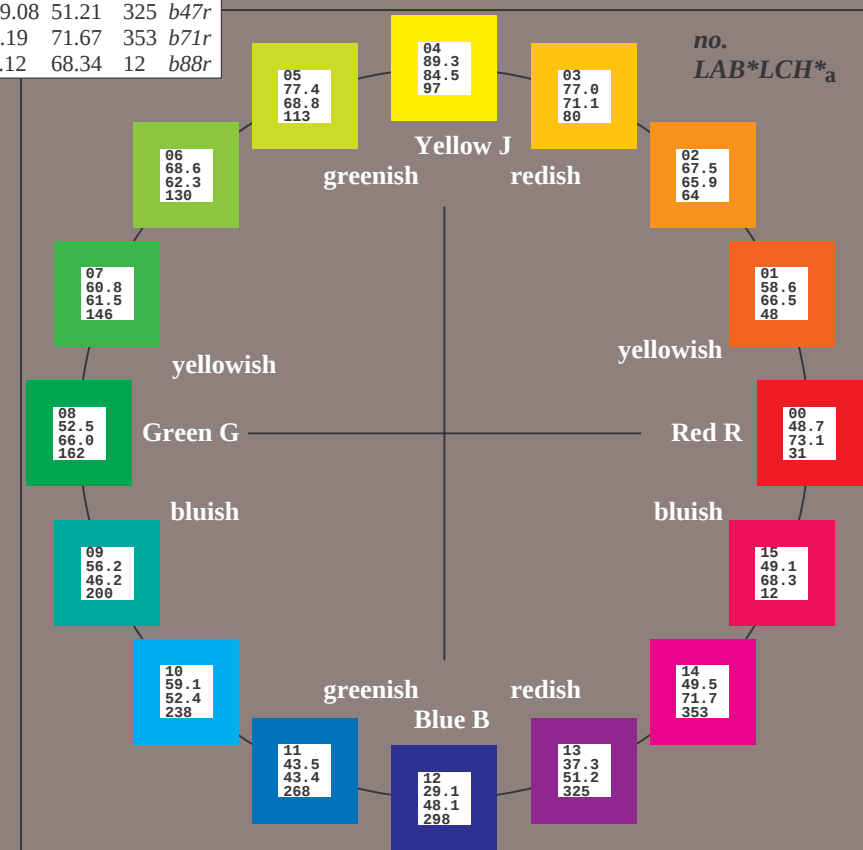
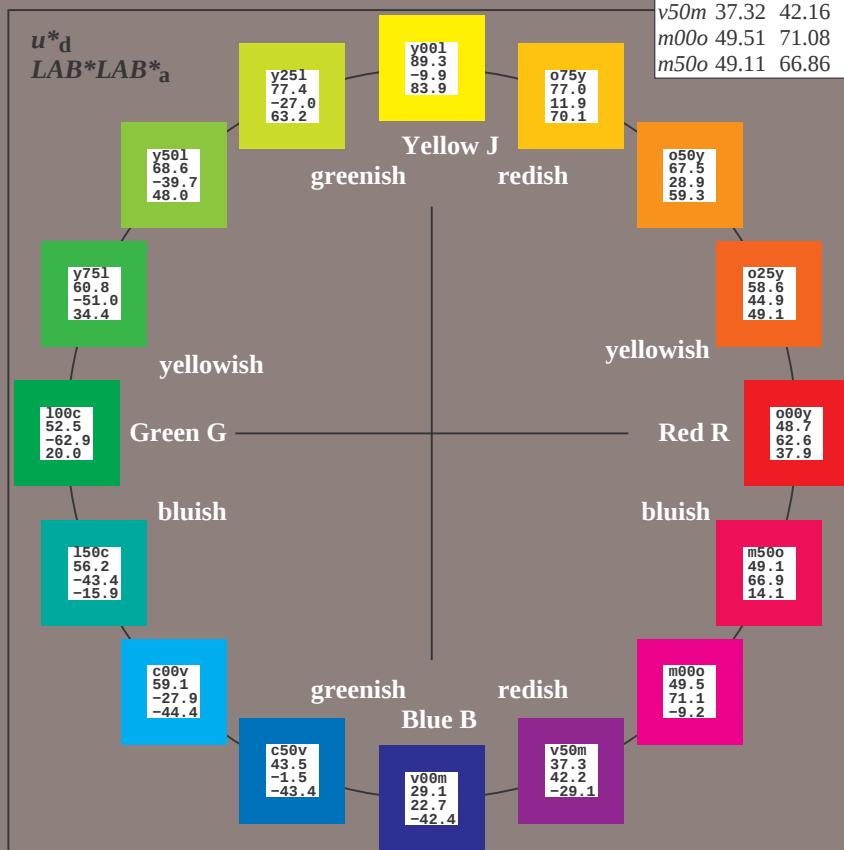
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

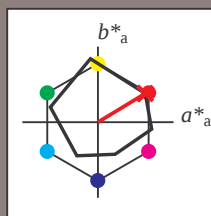
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	92
Y_{CIE}	81.26	-2.89	71.56	71.62	25
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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
OMa	48.71	62.56	37.91	73.15	31	
YMa	89.25	-9.92	83.91	84.49	97	
LMa	52.5	-62.91	19.95	66.0	162	
CMa	59.15	-27.87	-44.43	52.45	238	
VMa	29.13	22.73	-42.44	48.14	298	
MMa	49.51	71.08	-9.19	71.67	353	
NMa	20.0	0.0	0.0	0.0	0	
WMa	95.0	0.0	0.0	0.0	0	
OMa	39.92	58.74	27.99	65.07	25	
YMa	81.26	-2.89	71.56	71.62	92	
LMa	52.23	-42.42	13.6	44.55	162	
VMa	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 49 63 38

$\text{LAB}^*\text{LCH}^*_{Ma}$: 49 73 31

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.09 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

$u^*_d = o00y$
 $\text{LAB}^*\text{LAB}^*_{Ma}$

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.132$

data for any colour:

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

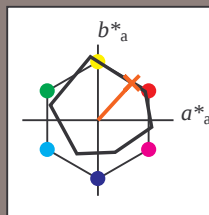
Hue texts:

$u^*_d = o25y$ $u^*_e = r33j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 45 49

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^*=1.00$

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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

data for any colour:

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

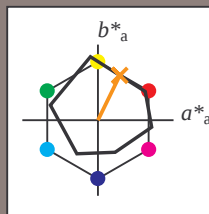
Hue texts:

$u^*_d = o50y$ $u^*_e = r57j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 68 29 59

$LAB^*LCH^*_{Ma}$: 68 66 63

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = o50y$
 $LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

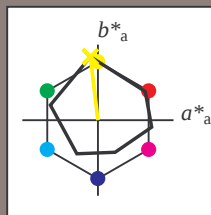
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.269$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 89 -10 84

$\text{LAB}^*\text{LCH}^*_{Ma}$: 89 84 96

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.94 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y00l$
 $\text{LAB}^*\text{LAB}^*_{Ma}$

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

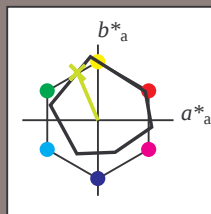
Hue texts:

$u^*_d = y25l$ $u^*_e = j30g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 77 -27 63

$\text{LAB}^*\text{LCH}^*_{Ma}$: 77 69 113

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.7 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y25l$
 $\text{LAB}^*\text{LAB}^*_{Ma}$

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

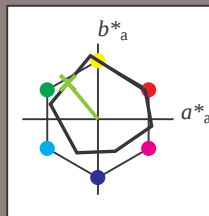
$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.36$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 69 -40 48

$\text{LAB}^*\text{LCH}^*_{Ma}$: 69 62 129

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.47 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y50l$
 $\text{LAB}^*\text{LAB}^*_{Ma}$

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^* = 1.00$

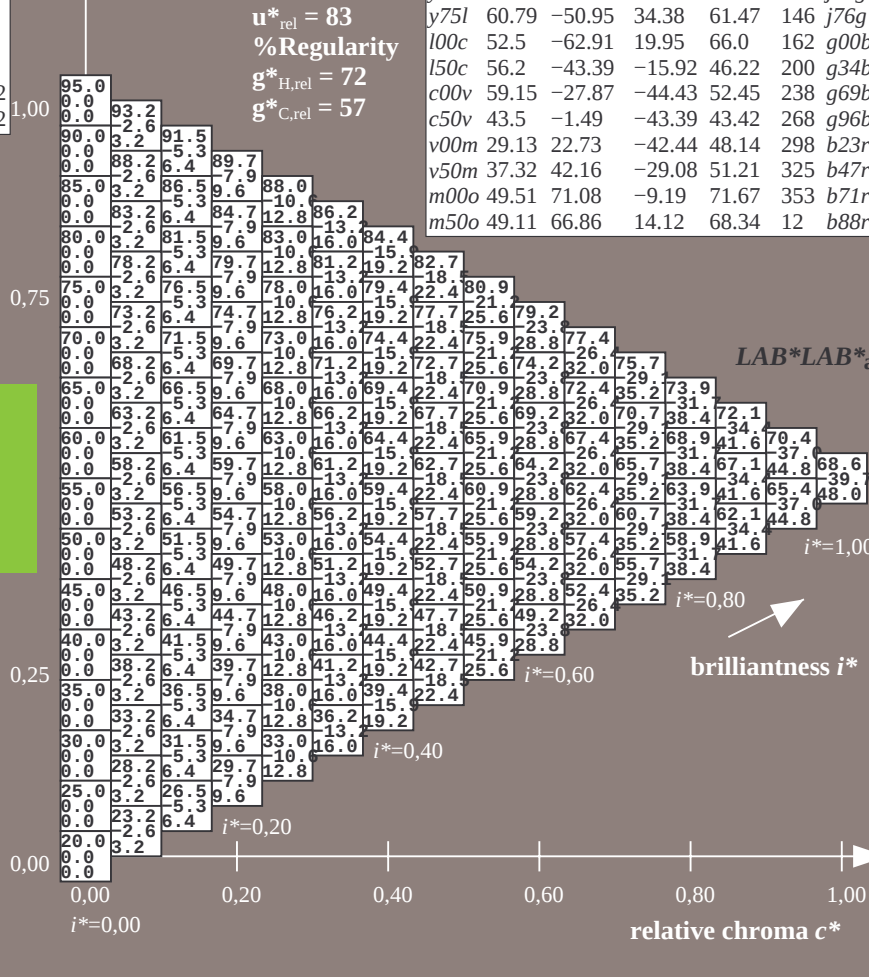
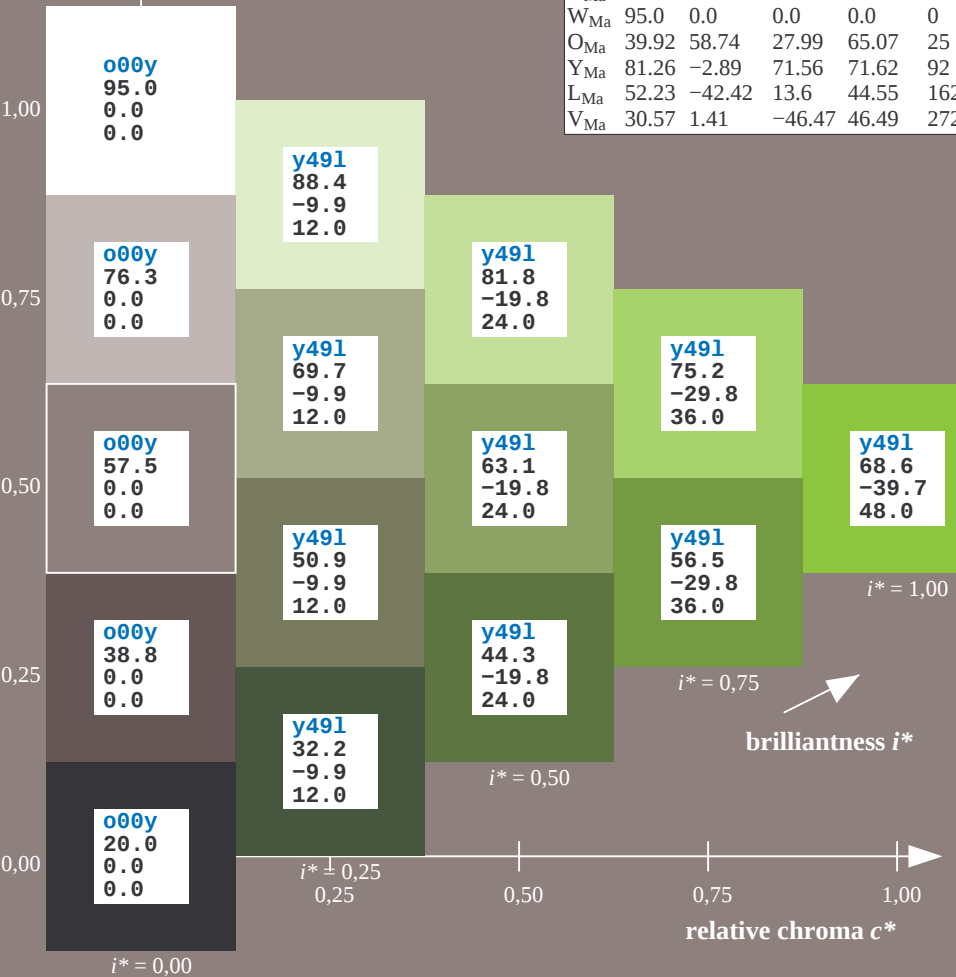
brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.406$

data for any colour:

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

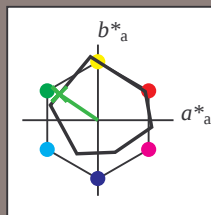
Hue texts:

$u^*_d = y75l$ $u^*_e = j76g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 61 -51 34

$\text{LAB}^*\text{LCH}^*_{Ma}$: 61 61 145

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y75l$
 $\text{LAB}^*\text{LAB}^*_{Ma}$

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^* = 1.00$

brilliantness i^*

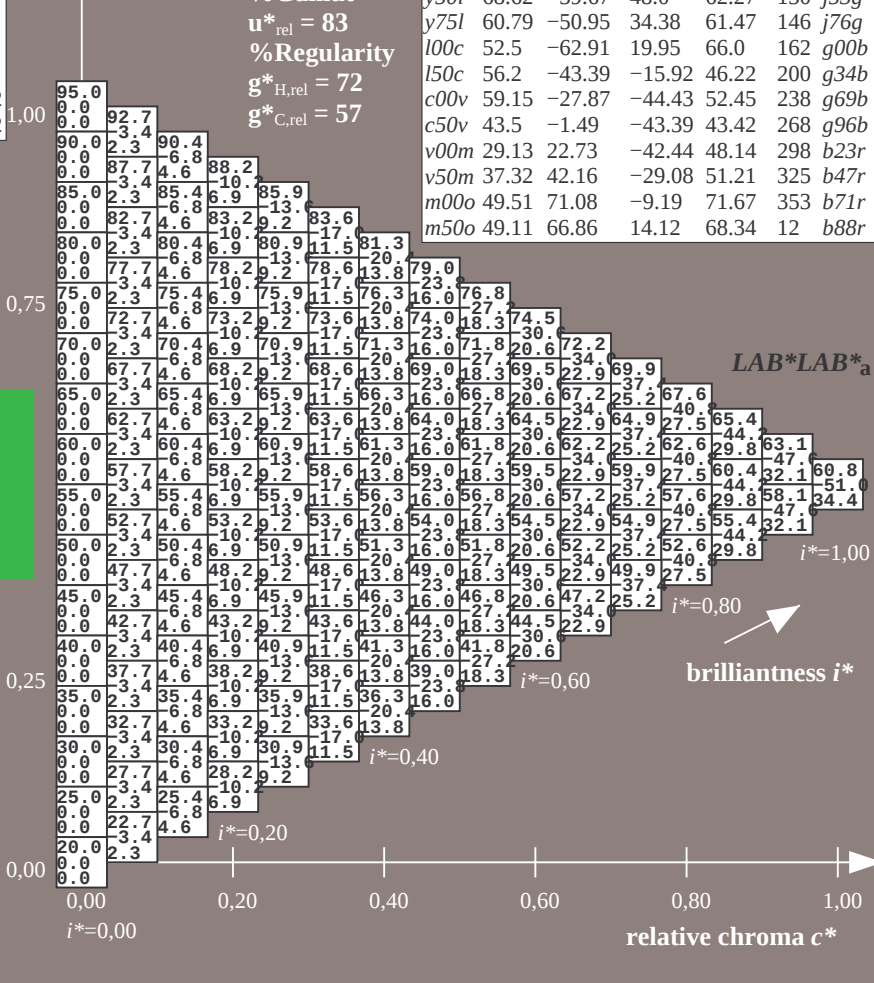
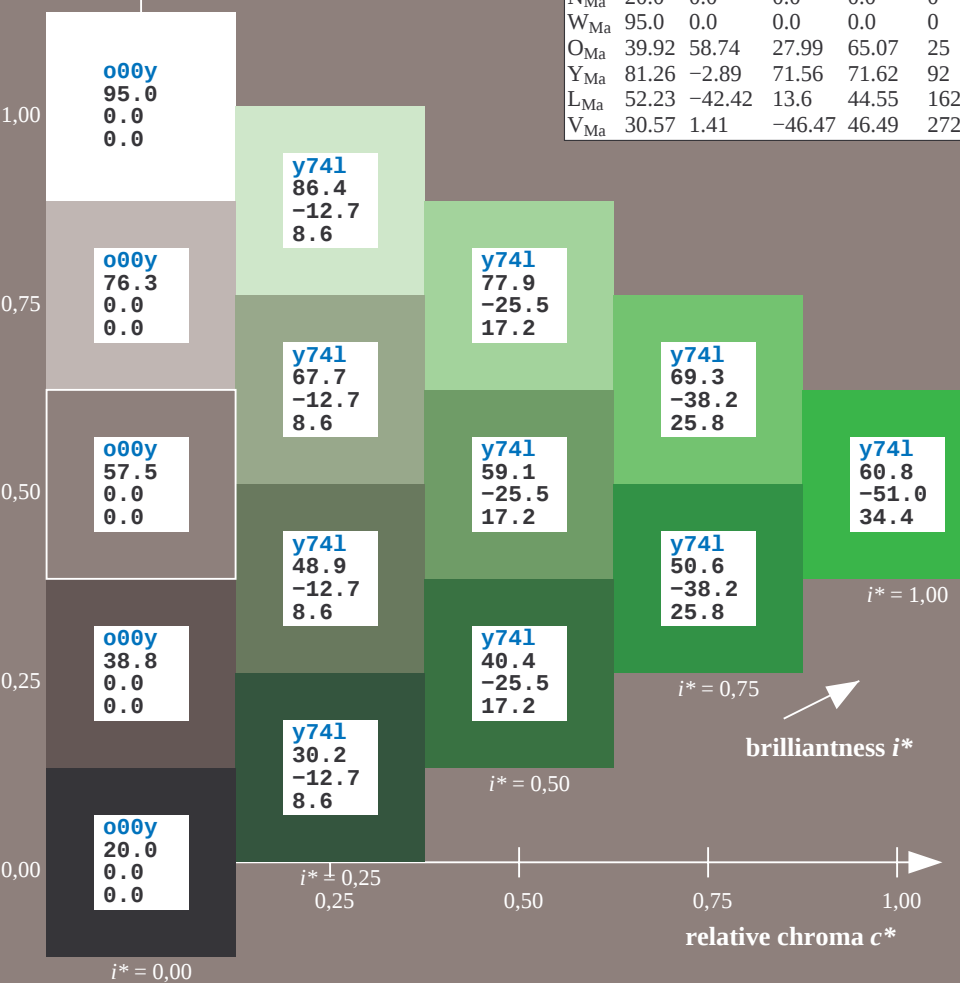
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

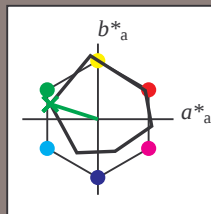
$i^* = 0.20$

$i^* = 0.00$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 100c$ $u^*_e = g00b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 52 -63 20

$\text{LAB}^*\text{LCH}^*_{Ma}$: 52 66 162

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = 100c$
 $\text{LAB}^*\text{LAB}^*_{Ma}$

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

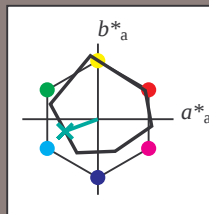
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 56 -43 -16

$\text{LAB}^*\text{LCH}^*_{Ma}$: 56 46 200

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = 150c$
 $\text{LAB}^*\text{LAB}^*_{Ma}$

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

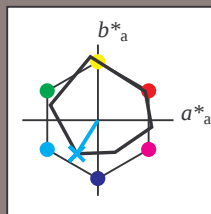
$i^*=0.40$

$i^*=0.20$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.661$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 -28 -44

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 52 237

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

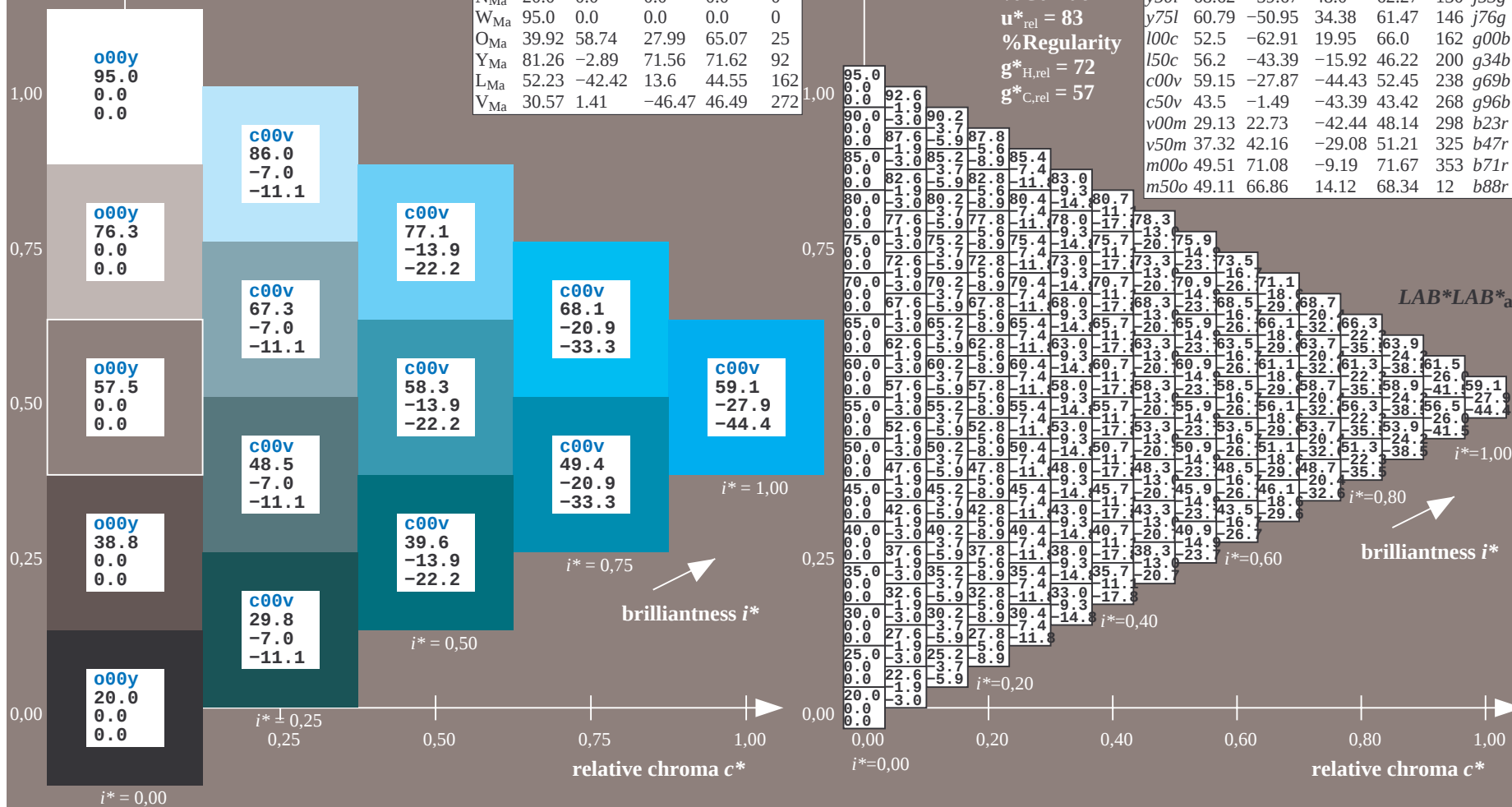
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

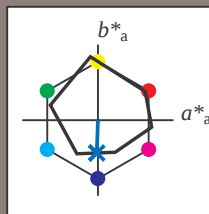
$u^*_d = c00v$
 $\text{LAB}^*\text{LAB}^*_{Ma}$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 43 -1 -43

$\text{LAB}^*\text{LCH}^*_{Ma}$: 43 43 268

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.07 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

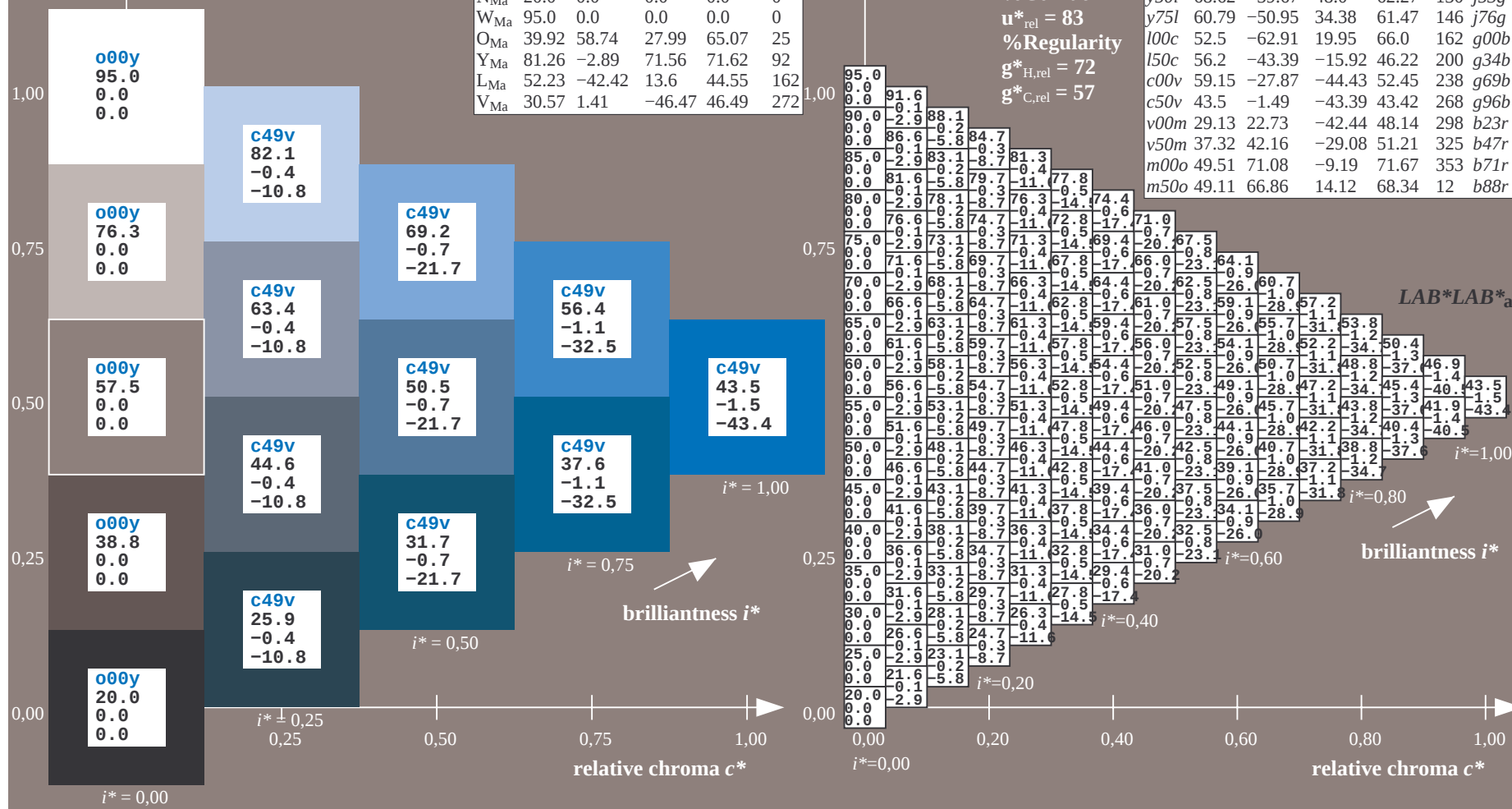
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = c50v$
 $\text{LAB}^*\text{LAB}^*_{Ma}$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

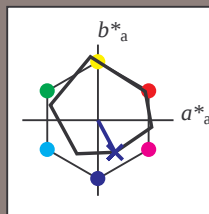
Hue texts:

$u^*_d = v00m$ $u^*_e = b23r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 29 23 -42

$\text{LAB}^*\text{LCH}^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v00m$
 $\text{LAB}^*\text{LAB}^*_{Ma}$

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^* = 1.00$

$i^* = 0.80$

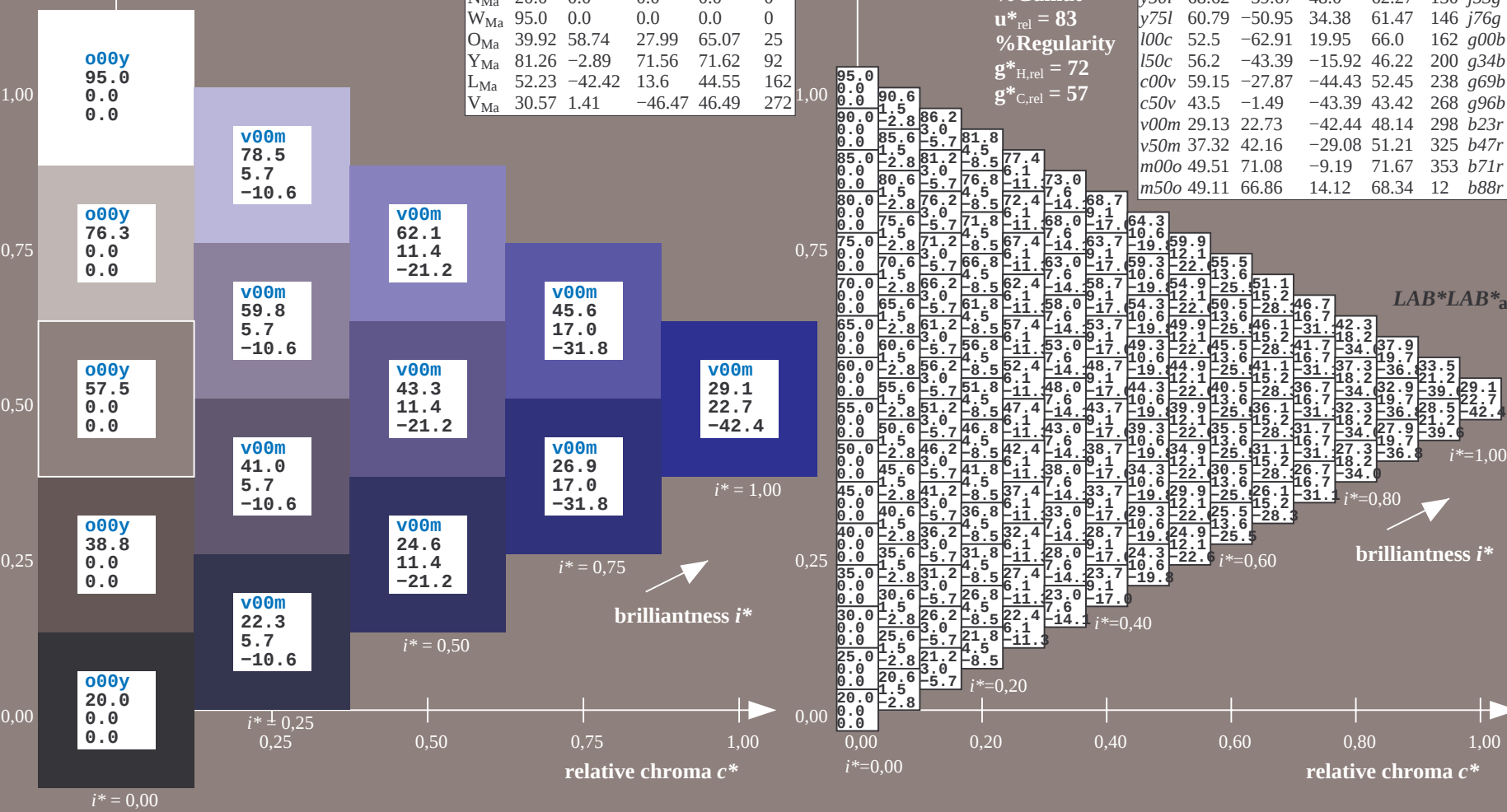
$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$

data for any colour:

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

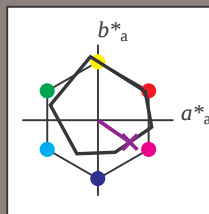
Hue texts:

$u^*_d = v50m$ $u^*_e = b47r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 37 42 -29

$LAB^*LCH^*_{Ma}$: 37 51 325

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

$lab^*rgb^*_{Ma}$: 0.94 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

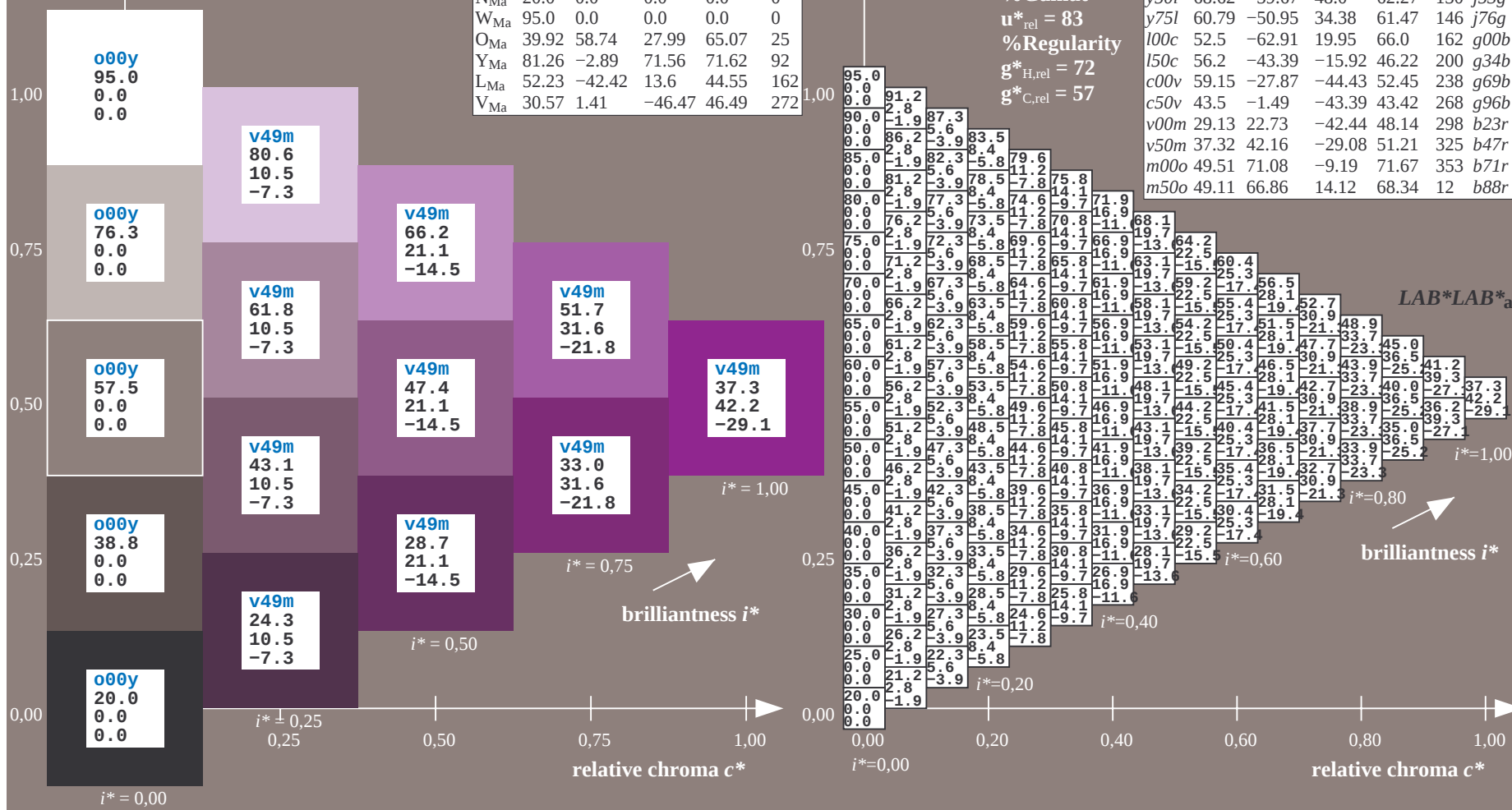
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

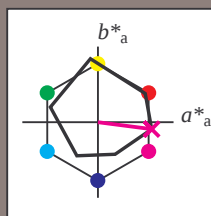
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v50m$
 $LAB^*LAB^*_a$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.98$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m00o$ $u^*_e = b71r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

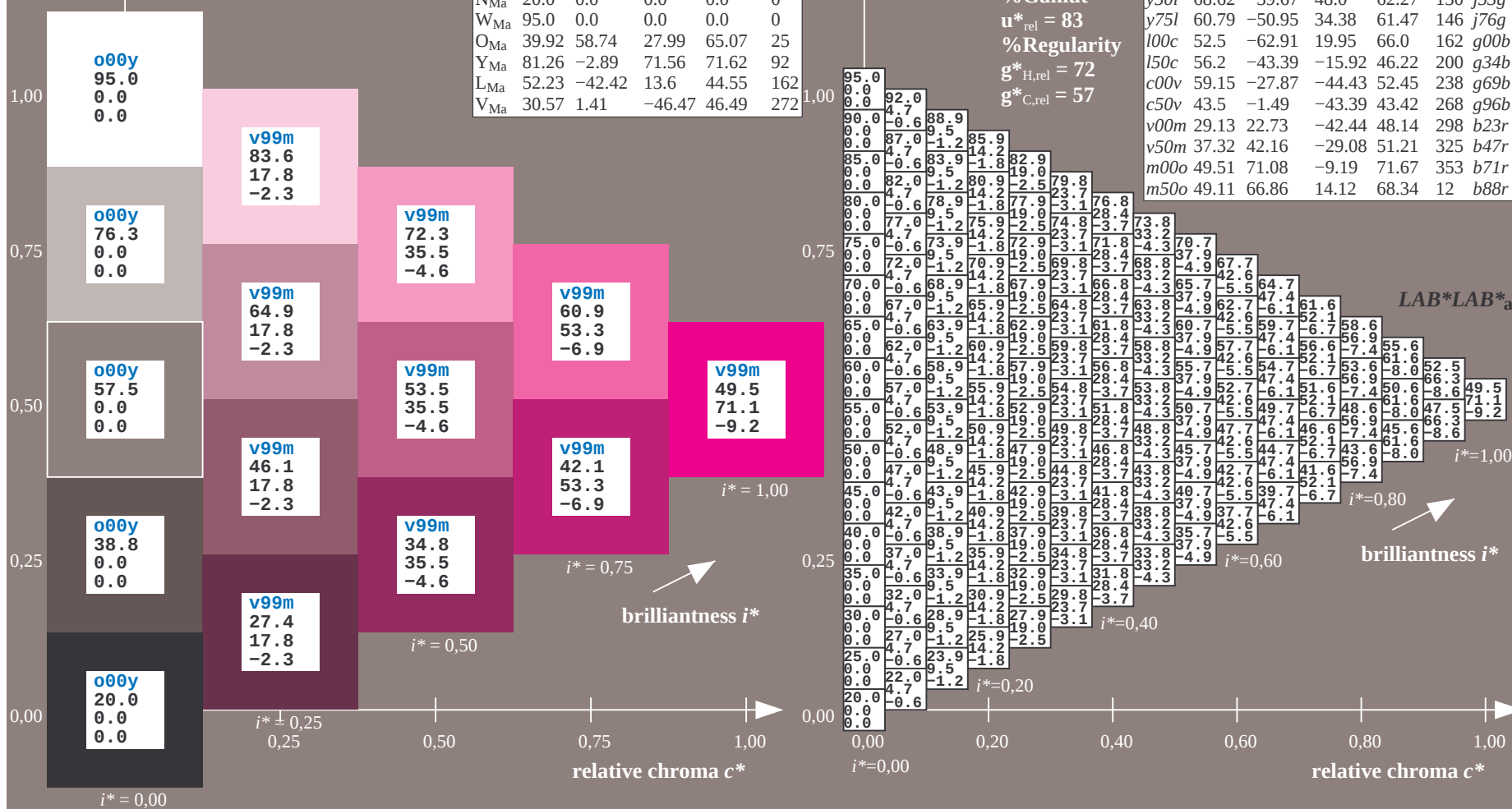
Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 50 71 -9
 $\text{LAB}^*\text{LCH}^*_{Ma}$: 50 72 352
 $\text{lab}^*\text{olv}^*_{Ma}$: 1.0 0.0 1.0
 $\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.0 0.58
triangle lightness t^*

%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	48.71	62.56	37.91	73.15	31
o25y	58.6	44.87	49.14	66.54	48
o50y	67.52	28.93	59.25	65.94	64
o75y	77.05	11.9	70.06	71.06	80
y00l	89.25	-9.92	83.91	84.49	97
y25l	77.37	-27.05	63.23	68.78	113
y50l	68.62	-39.67	48.0	62.27	130
y75l	60.79	-50.95	34.38	61.47	146
l00c	52.5	-62.91	19.95	66.0	162
l50c	56.2	-43.39	-15.92	46.22	200
c00v	59.15	-27.87	-44.43	52.45	238
c50v	43.5	-1.49	-43.39	43.42	268
v00m	29.13	22.73	-42.44	48.14	298
v50m	37.32	42.16	-29.08	51.21	325
m00o	49.51	71.08	-9.19	71.67	353
m50o	49.11	66.86	14.12	68.34	12

$u^*_d = m00o$
 $\text{LAB}^*\text{LAB}^*_{Ma}$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

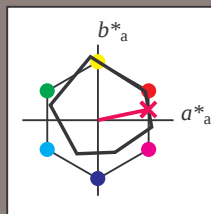
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 49 67 14

$\text{LAB}^*\text{LCH}^*_{Ma}$: 49 68 11

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.0 0.24

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m50o$
 $\text{LAB}^*\text{LAB}^*_{Ma}$

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative chroma c^*

relative chroma c^*

See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de/Version 2.1, io=1, ColSpX=0
Technical information: <http://www.ps.bam.de>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
01	28.0	24.1	28.1	32.2	36.2	40.3	44.4	48.4	52.5	56.5	60.6	64.7	68.7	72.8	76.8	80.9	84.9	89.0	93.0	97.1	101.1	105.2	109.2	113.3	117.3	121.4	125.4	129.5	133.5	137.6	141.6	145.7	149.7	153.8	157.8	161.9	165.9	170.0	174.0	178.1	182.1	186.2	190.2	194.3	198.3	202.4	206.4	210.5	214.5	218.6	222.6	226.7	230.7	234.8	238.8	242.9	246.9	251.0	255.0	259.1	263.1	267.2	271.2	275.3	279.3	283.4	287.4	291.5	295.5	299.6	303.6	307.7	311.7	315.8	319.8	323.9	327.9	332.0	336.0	340.1	344.1	348.2	352.2	356.3	360.3	364.4	368.4	372.5	376.5	380.6	384.6	388.7	392.7	396.8	400.8	404.9	408.9	413.0	417.0	421.1	425.1	429.2	433.2	437.3	441.3	445.4	449.4	453.5	457.5	461.6	465.6	469.7	473.7	477.8	481.8	485.9	489.9	494.0	498.0	502.1	506.1	510.2	514.2	518.3	522.3	526.4	530.4	534.5	538.5	542.6	546.6	550.7	554.7	558.8	562.8	566.9	570.9	575.0	579.0	583.1	587.1	591.2	595.2	599.3	603.3	607.4	611.4	615.5	619.5	623.6	627.6	631.7	635.7	639.8	643.8	647.9	651.9	656.0	660.0	664.1	668.1	672.2	676.2	680.3	684.3	688.4	692.4	696.5	700.5	704.6	708.6	712.7	716.7	720.8	724.8	728.9	732.9	737.0	741.0	745.1	749.1	753.2	757.2	761.3	765.3	769.4	773.4	777.5	781.5	785.6	789.6	793.7	797.7	801.8	805.8	809.9	813.9	818.0	822.0	826.1	830.1	834.2	838.2	842.3	846.3	850.4	854.4	858.5	862.5	866.6	870.6	874.7	878.7	882.8	886.8	890.9	894.9	899.0	903.0	907.1	911.1	915.2	919.2	923.3	927.3	931.4	935.4	939.5	943.5	947.6	951.6	955.7	959.7	963.8	967.8	971.9	975.9	980.0	984.0	988.1	992.1	996.2	1000.3	1004.3	1008.4	1012.4	1016.5	1020.5	1024.6	1028.6	1032.7	1036.7	1040.8	1044.8	1048.9	1052.9	1057.0	1061.0	1065.1	1069.1	1073.2	1077.2	1081.3	1085.3	1089.4	1093.4	1097.5	1101.5	1105.6	1109.6	1113.7	1117.7	1121.8	1125.8	1129.9	1133.9	1138.0	1142.0	1146.1	1150.1	1154.2	1158.2	1162.3	1166.3	1170.4	1174.4	1178.5	1182.5	1186.6	1190.6	1194.7	1198.7	1202.8	1206.8	1210.9	1214.9	1219.0	1223.0	1227.1	1231.1	1235.2	1239.2	1243.3	1247.3	1251.4	1255.4	1259.5	1263.5	1267.6	1271.6	1275.7	1279.7	1283.8	1287.8	1291.9	1295.9	1300.0	1304.0	1308.1	1312.1	1316.2	1320.2	1324.3	1328.3	1332.4	1336.4	1340.5	1344.5	1348.6	1352.6	1356.7	1360.7	1364.8	1368.8	1372.9	1376.9	1381.0	1385.0	1389.1	1393.1	1397.2	1401.2	1405.3	1409.3	1413.4	1417.4	1421.5	1425.5	1429.6	1433.6	1437.7	1441.7	1445.8	1449.8	1453.9	1457.9	1461.9	1466.0	1470.0	1474.1	1478.1	1482.2	1486.2	1490.3	1494.3	1498.4	1502.4	1506.5	1510.5	1514.6	1518.6	1522.7	1526.7	1530.7	1534.8	1538.8	1542.9	1546.9	1551.0	1555.0	1559.1	1563.1	1567.2	1571.2	1575.3	1579.3	1583.4	1587.4	1591.5	1595.5	1599.6	1603.6	1607.7	1611.7	1615.8	1619.8	1623.9	1627.9	1631.9	1636.0	1640.0	1644.1	1648.1	1652.2	1656.2	1660.3	1664.3	1668.4	1672.4	1676.5	1680.5	1684.6	1688.6	1692.7	1696.7	1700.8	1704.8	1708.9	1712.9	1717.0	1721.0	1725.1	1729.1	1733.2	1737.2	1741.3	1745.3	1749.4	1753.4	1757.5	1761.5	1765.6	1769.6	1773.7	1777.7	1781.8	1785.8	1789.9	1793.9	1798.0	1802.0	1806.1	1810.1	1814.2	1818.2	1822.2	1826.3	1830.3	1834.4	1838.4	1842.5	1846.5	1850.6	1854.6	1858.7	1862.7	1866.8	1870.8	1874.9	1878.9	1883.0	1887.0	1891.1	1895.1	1899.2	1903.2	1907.3	1911.3	1915.4	1919.4	1923.5	1927.5	1931.6	1935.6	1939.7	1943.7	1947.8	1951.8	1955.9	1959.9	1964.0	1968.0	1972.1	1976.1	1980.2	1984.2	1988.3	1992.3	1996.4	2000.4	2004.5	2008.5	2012.6	2016.6	2020.7	2024.7	2028.8	2032.8	2036.9	2040.9	2045.0	2049.0	2053.1	2057.1	2061.2	2065.2	2069.3	2073.3	2077.4	2081.4	2085.5	2089.5	2093.6	2097.6	2101.7	2105.7	2109.8	2113.8	2117.9	2121.9	2126.0	2130.0	2134.1	2138.1	2142.2	2146.2	2150.3	2154.3	2158.4	2162.4	2166.5	2170.5	2174.6	2178.6	2182.7	2186.7	2190.8	2194.8	2198.9	2202.9	2207.0	2211.0	2215.1	2219.1	2223.2	2227.2	2231.3	2235.3	2239.4	2243.4	2247.5	2251.5	2255.6	2259.6	2263.7	2267.7	2271.8	2275.8	2279.9	2283.9	2288.0	2292.0	2296.1	2300.1	2304.2	2308.2	2312.3	2316.3	2320.4	2324.4	2328.5	2332.5	2336.6	2340.6	2344.7	2348.7	2352.8	2356.8	2360.9	2364.9	2369.0	2373.0	2377.1	2381.1	2385.2	2389.2	2393.3	2397.3	2401.4	2405.4	2409.5	2413.5	2417.6	2421.6	2425.7	2429.7	2433.8	2437.8	2441.9	2445.9	2450.0	2454.0	2458.1	2462.1	2466.2	2470.2	2474.3	2478.3	2482.4	2486.4	2490.5	2494.5	2498.6	2502.6	2506.7	2510.7	2514.8	2518.8	2522.9	2526.9	2531.0	2535.0	2539.1	2543.1	2547.2	2551.2	2555.3	2559.3	2563.4	2567.4	2571.5	2575.5	2579.6	2583.6	2587.7	2591.7	2595.8	2599.8	2603.9	2607.9	2612.0	2616.0	2620.1	2624.1	2628.2	2632.2	2636.3	2640.3	2644.4	2648.4	2652.5	2656.5	2660.6	2664.6	2668.7	2672.7	2676.8	2680.8	2684.9	2688.9	2693.0	2697.0	2701.1	2705.1	2709.2	2713.2	2717.3	2721.3	2725.4	2729.4	2733.5	2737.5	2741.6	2745.6	2749.7	2753.7	2757.8	2761.8	2765.9	2769.9	2774.0	2778.0	2782.1	2786.1	2790.2	2794.2	2798.3	2802.3	2806.4	2810.4	2814.5	2818.5	2822.6	2826.6	2830.7	2834.7	2838.8	2842.8	2846.9	2850.9	2855.0	2859.0	2863.1	2867.1	2871.2	2875.2	2879.3	2883.3	2887.4	2891.4	2895.5	2899.5	2903.6	2907.6	2911.7	2915.7	2919.8	2923.8	2927.9	2931.9	2936.0	2940.0	2944.1	2948.1	2952.2	2956.2	2960.3	2964.3	2968.4	2972.4	2976.5	2980.5	2984.6	2988.6	2992.7	2996.7	3000.8	3004.8	3008.9	3012.9	3017.0	3021.0	3025.1	3029.1	3033.2	3037.2	3041.3	3045.3	3049.4	3053.4	3057.5	3061.5	3065.6	3069.6	3073.7	3077.7	3081.8	3085.8	3089.9	3093.9	3098.0	3102.0	3106.1	3110.1	3114.2	3118.2	3122.3	3126.3	3130.4	3134.4	3138.5	3142.5	3146.6	3150.6	3154.7	3158.7	3162.8	3166.8	3170.9	3174.9	3179.0	3183.0	3187.1	3191.1	3195.2	3199.2	3203.3	3207.3	3211.4	3215.4	3219.5	3223.5	3227.6	3231.6	3235.7	3239.7	3243.8	3247.8	3251.9	3255.9	3260.0	3264.0	3268.1	3272.1	3276.2	3280.2	3284.3	3288.3	3292.4	3296.4	3300.5	3304.5	3308.6	3312.6	3316.7	3320.7	3324.8	3328.8	3332.9	3336.9	3341.0	3345.0	3349.1	3353.1	3357.2	3361.2	3365.3	3369.3	3373.4	3377.4	3381.5	3385.5	3389.6	3393.6	3397.7	3401.7	3405.8	3409.8	3413.9	3417.9	3422.0	3426.0	3430.1	3434.1	3438.2	3442.2	3446.3	3450.3	3454.4	3458.4	3462.5	3466.5	3470.6	3474.6	3478.7	3482.7	3486.8	3490.8	3494.9	3498.9	3503.0	3507.0	3511.1	3515.1	3519.2	3523.2	3527.3	3531.3	3535.4	3539.4	3543.5	3547.5	3551.6	3555.6	3559.7	3563.7	3567.8	3571.8	3575.9	3579.9	3584.0	3588.0	3592.1	3596.1	3600.2	3604.2	3608.3	3612.3	3616.4	3620.4	3624.5	3628.5	3632.6	3636.6	3640.7	3644.7	3648.8	3652.8	3656.9	3660.9	3665.0	3669.0	3673.1	3677.1	3681.2	3685.2	3689.3	3693.3	3697.4	3701.4	3705.5	3709.5	3713.6	3717.6	3721.7	3725.7	3729.8	3733.8	3737.9	3741.9	3746.0	3750.0	3754.1	3758.1	3762.2	3766.2	3770.3	3774.3	3778.4	3782.4	3786.5	3790.5	3794.6	3798.6	3802.7	3806.7	3810.8	3814.8	3818.9	3822.9	3827.0	3831.0	3835.1	3839.1	3843.2	3847.2	3851.3	3855.3	3859.4	3863.4	3867.5	3871.5	3875.6	3879.6	3883.7	3887.7	3891.8	3895.8	3899.9	3903.9	3908.0	3912.0	3916.1	3920.1	3924.2	3928.2	3932.3	3936.3	3940.4	3944.4	3948.5	3952.5	3956.6	3960.6	3964.7	3968.7	3972.8	3976.8	3980.9	3984.9	3989.0	3993.0	3997.1	4001.1	4005.2	4009.2	4013.3	4017.3	4021.4	4025.4	4029.5	4033.5	4037.6	4041.6	4045.7	4049.7	4053.8	4057.8	4061.9	4065.9	4070.0	4074.0	4078.1	4082.1	4086.2	4090.2	4094.3	4098.3	4102.4	4106.4	4110.5	4114.5	4118.6	4122.6	4126.7	4130.7	4134.8	4138.8	4142.9	4146.9	4151.0	4155.0	4159.1	4163.1	4167.2	4171.2	4175.3	4179.3	4183.4	4187.4	4191.5	4195.5	4199.6	4203.6	4207.7	4211.7	4215.8	4219.8	4223.9	4227.9	4232.0	4236.0	4240.1	4244.1	4248.2	4252.2	4256.3	4260.3	4264.4	4268.4	4272.5	4276.5	4280.6	4284.6	4288.7	4292.7	4296.8	4300.8	4304.9	4308.9	4313.0	4317.0	4321.1	4325.1	4329.2	4333.2	4337.3	4341.3	4345.4	4349.4	4353.5	4357.5	4361.6	4365.6	4369.7	4373.7	4377.8	4381.8	4385.9	4389.9	4394.0	4398.0	4402.1	4406.1	4410.2	4414.2	4418.3	4422.3	4426.4	4430.4	4434.5	4438.5	4442.6	4446.6	4450.7	4454.7	4458.8	4462.8	4466.9	4470.9	4475.0	4479.0	4483.1	4487.1	4491.2	4495.2

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

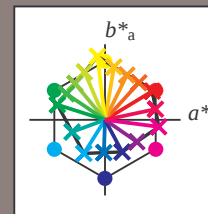
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut

$u^*_{rel} = 83$

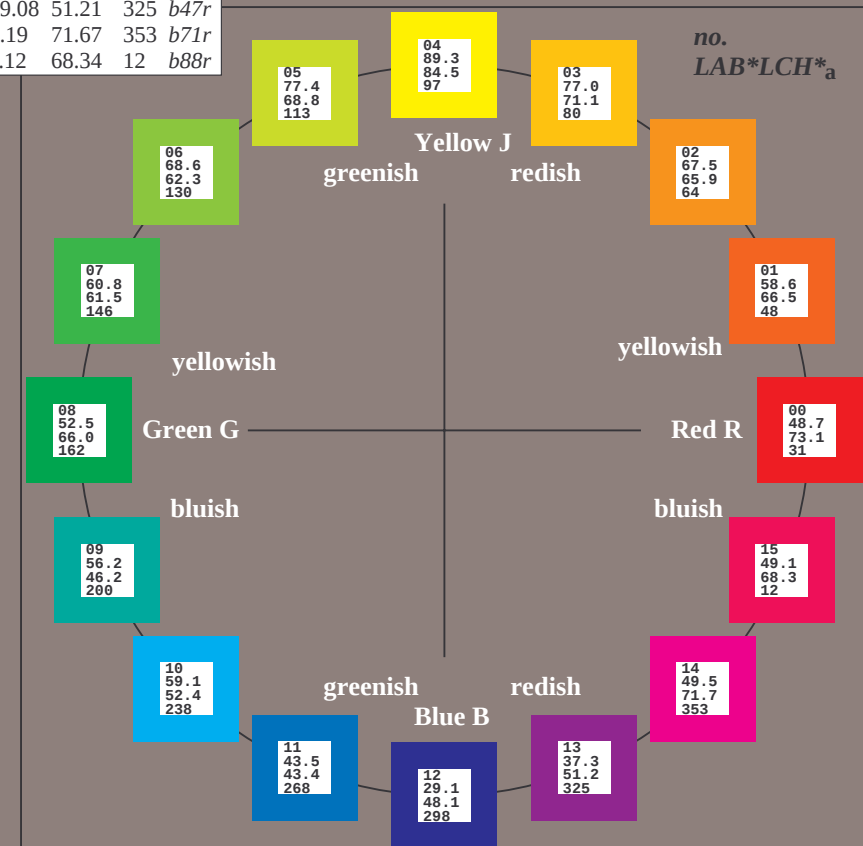
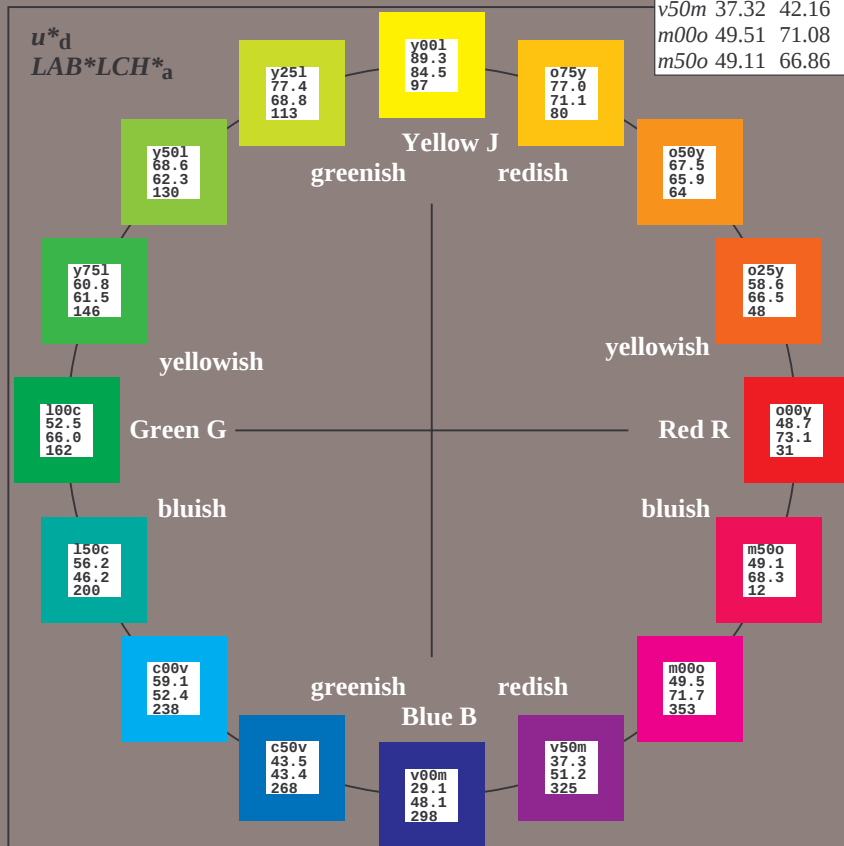
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

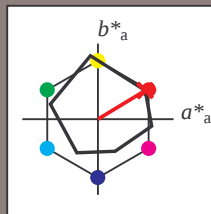
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	92
Y_{CIE}	81.26	-2.89	71.56	71.62	25
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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 63 38

$LAB^*LCH^*_{Ma}$: 49 73 31

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

$lab^*rgb^*_{Ma}$: 1.0 0.09 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

$u^*_d = o00y$
 $LAB^*LCH^*_{Ma}$

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

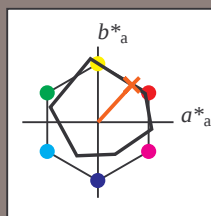
$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.132$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o25y$ $u^*_e = r33j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	48.71	62.56	37.91	73.15	31	r08j
Y _{Ma}	89.25	-9.92	83.91	84.49	97	r33j
L _{Ma}	52.5	-62.91	19.95	66.0	162	r57j
C _{Ma}	59.15	-27.87	-44.43	52.45	238	r81j
V _{Ma}	29.13	22.73	-42.44	48.14	298	j06g
M _{Ma}	49.51	71.08	-9.19	71.67	353	j30g
N _{Ma}	20.0	0.0	0.0	0.0	0	j53g
W _{Ma}	95.0	0.0	0.0	0.0	0	j76g
O _{Ma}	39.92	58.74	27.99	65.07	25	g00b
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g34b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g69b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g96b

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 45 49

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = o25y$
 $\text{LAB}^*\text{LCH}^*_{Ma}$

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

data for any colour:

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

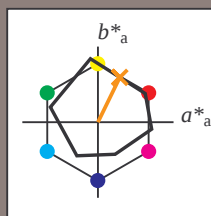
Hue texts:

$u^*_d = o50y$ $u^*_e = r57j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 68 29 59

$LAB^*LCH^*_{Ma}$: 68 66 63

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = o50y$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

data for any colour:

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

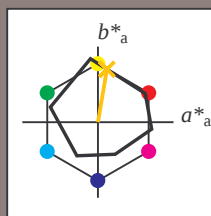
Hue texts:

$u^*_d = o75y$ $u^*_e = r81j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 12 70

$LAB^*LCH^*_{Ma}$: 77 71 80

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = o75y$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

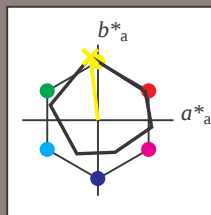
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.269$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 89 -10 84

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 89 84 96

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.94 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y00l$
 $\text{LAB}^*\text{LCH}^*_{\text{Ma}}$

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

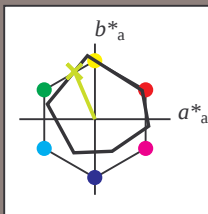
$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y25l$ $u^*_e = j30g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 77 -27 63

$\text{LAB}^*\text{LCH}^*_{Ma}$: 77 69 113

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.7 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y25l$
 $\text{LAB}^*\text{LCH}^*_{Ma}$

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

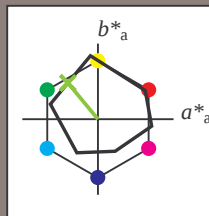
$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.36$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 69 -40 48

$\text{LAB}^*\text{LCH}^*_{Ma}$: 69 62 129

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.47 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

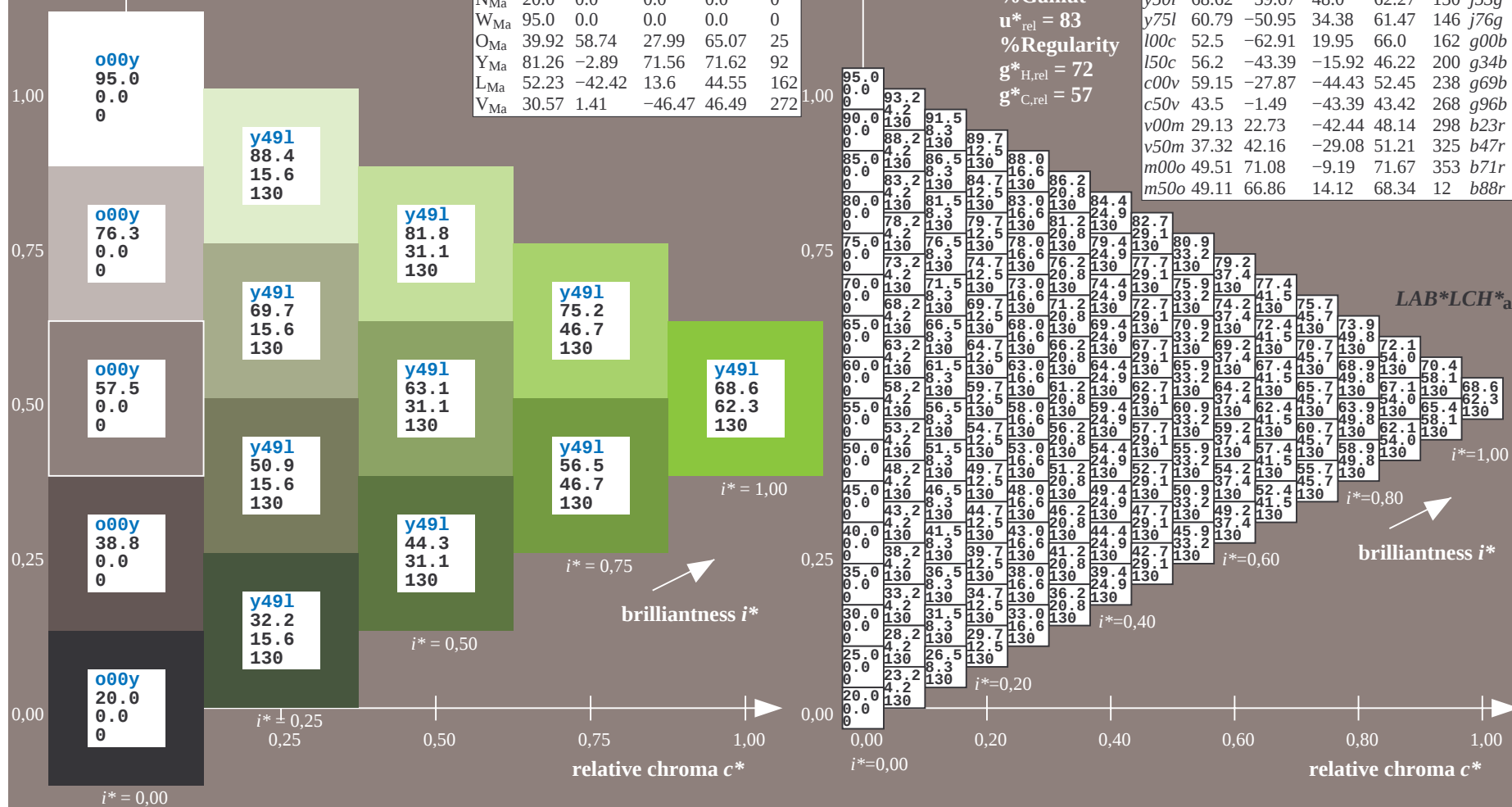
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y50l$
 $\text{LAB}^*\text{LCH}^*_{Ma}$

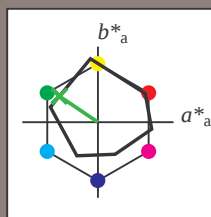
See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de/Ee45/; www.ps.bam.de/Ee45/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee45/10L/L45E00NA.PS/.TXT BAM material: code=rhdata
application for evaluation and measurement of printer or monitor systems



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.406$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	48.71	62.56	37.91	73.15	31	r08j
Y _{Ma}	89.25	-9.92	83.91	84.49	97	r33j
L _{Ma}	52.5	-62.91	19.95	66.0	162	r57j
C _{Ma}	59.15	-27.87	-44.43	52.45	238	r81j
V _{Ma}	29.13	22.73	-42.44	48.14	298	j06g
M _{Ma}	49.51	71.08	-9.19	71.67	353	j30g
N _{Ma}	20.0	0.0	0.0	0.0	0	j53g
W _{Ma}	95.0	0.0	0.0	0.0	0	j76g
O _{Ma}	39.92	58.74	27.99	65.07	25	g00b
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g34b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g69b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g96b

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 61 -51 34

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 61 61 145

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.23 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

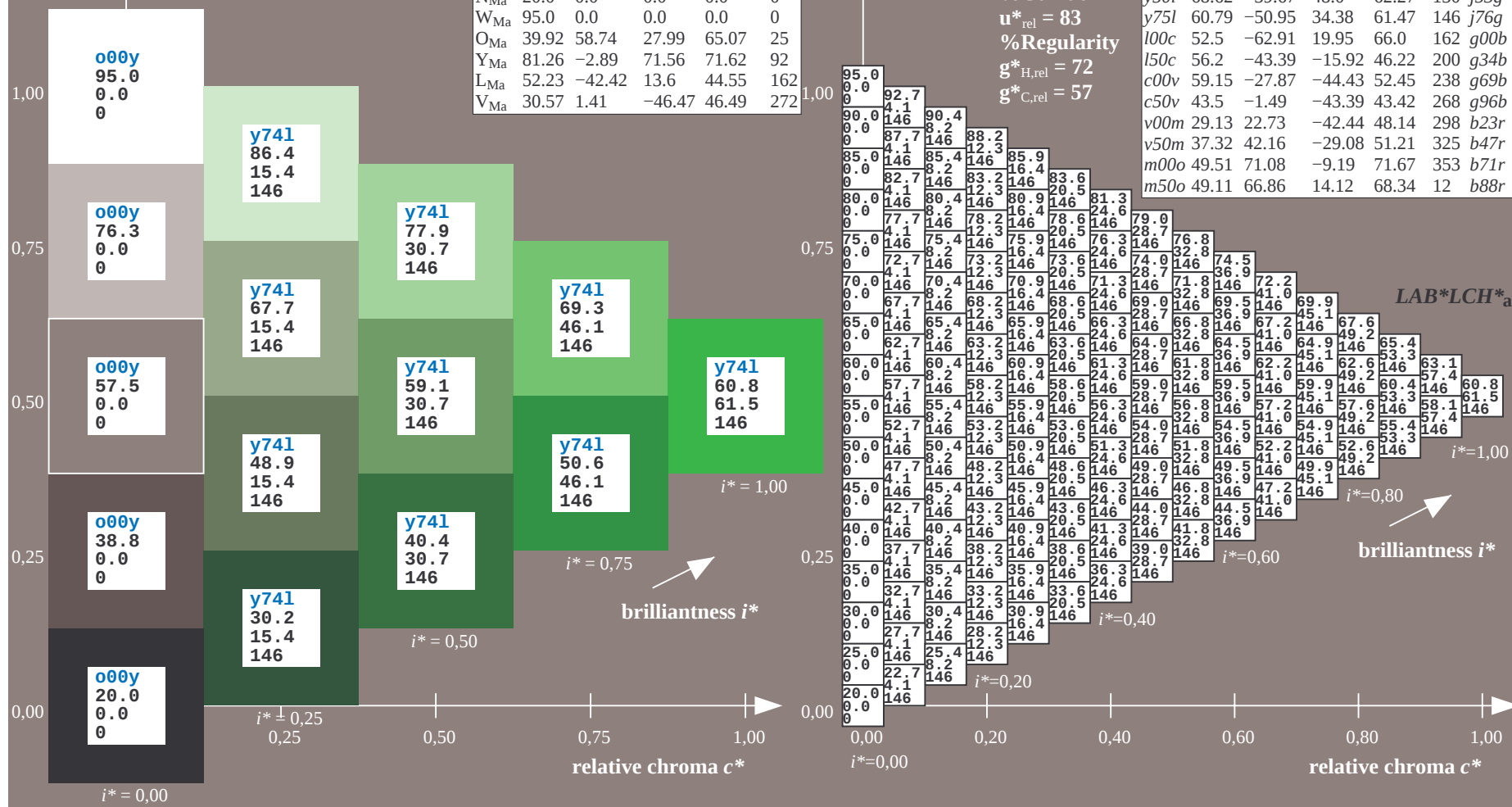
%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

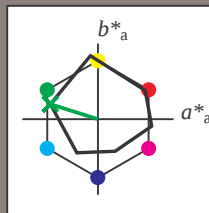
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y75l$
 $\text{LAB}^*\text{LCH}^*_{\text{Ma}}$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 100c$ $u^*_e = g00b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -63 20

$LAB^*LCH^*_{Ma}$: 52 66 162

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

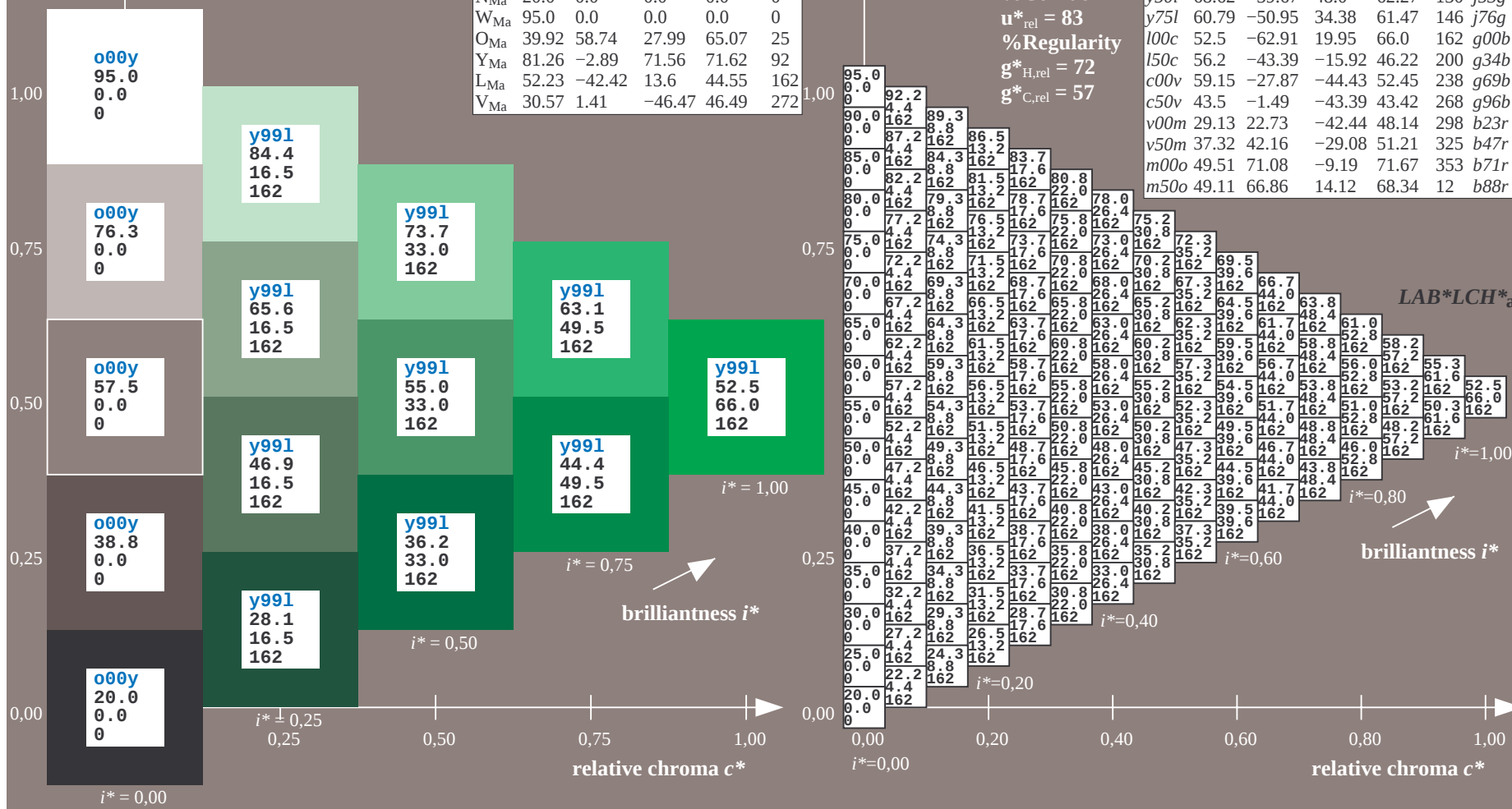
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

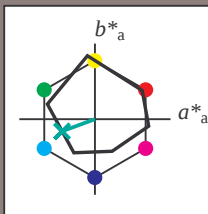
ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	48.71	62.56	37.91	73.15	31
o25y	58.6	44.87	49.14	66.54	48
o50y	67.52	28.93	59.25	65.94	64
o75y	77.05	11.9	70.06	71.06	80
y00l	89.25	-9.92	83.91	84.49	97
y25l	77.37	-27.05	63.23	68.78	113
y50l	68.62	-39.67	48.0	62.27	130
y75l	60.79	-50.95	34.38	61.47	146
l00c	52.5	-62.91	19.95	66.0	162
l50c	56.2	-43.39	-15.92	46.22	200
c00v	59.15	-27.87	-44.43	52.45	238
c50v	43.5	-1.49	-43.39	43.42	268
v00m	29.13	22.73	-42.44	48.14	298
v50m	37.32	42.16	-29.08	51.21	325
m00o	49.51	71.08	-9.19	71.67	353
m50o	49.11	66.86	14.12	68.34	12

$u^*_d = 100c$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -43 -16

$LAB^*LCH^*_{Ma}$: 56 46 200

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

%Gamut

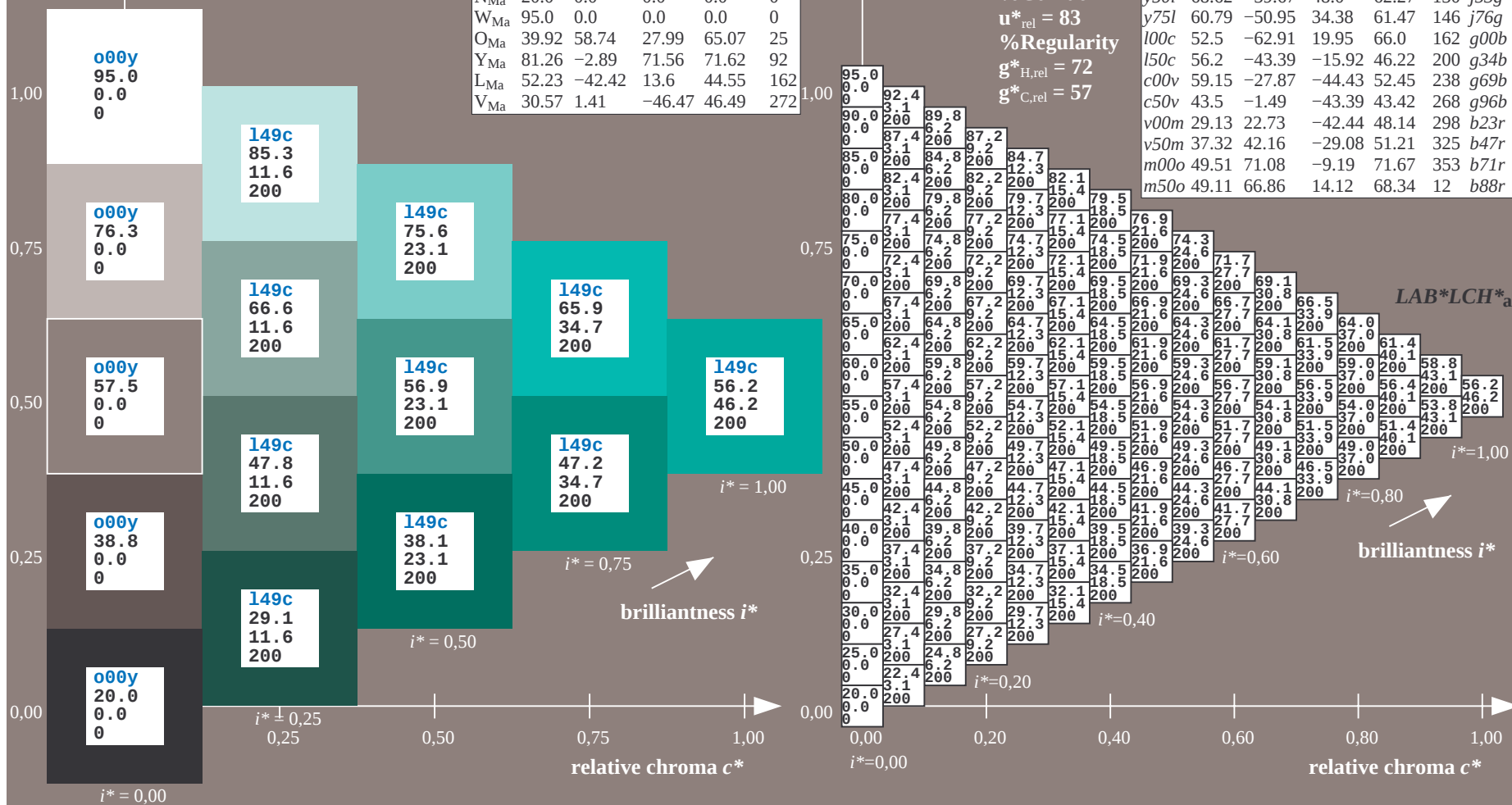
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						$u^*_d = 150c$ $LAB^*LCH^*_{Ma}$	
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

data for any colour:

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

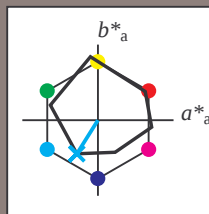
Hue texts:

$u^*_d = c00v$ $u^*_e = g69b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 -28 -44

$LAB^*LCH^*_{Ma}$: 59 52 237

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

$lab^*rgb^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j						
o25y	58.6	44.87	49.14	66.54	48	r33j						
o50y	67.52	28.93	59.25	65.94	64	r57j						
o75y	77.05	11.9	70.06	71.06	80	r81j						
y00l	89.25	-9.92	83.91	84.49	97	j06g						
y25l	77.37	-27.05	63.23	68.78	113	j30g						
y50l	68.62	-39.67	48.0	62.27	130	j53g						
y75l	60.79	-50.95	34.38	61.47	146	j76g						
l00c	52.5	-62.91	19.95	66.0	162	g00b						
l50c	56.2	-43.39	-15.92	46.22	200	g34b						
c00v	59.15	-27.87	-44.43	52.45	238	g69b						
c50v	43.5	-1.49	-43.39	43.42	268	g96b						
v00m	29.13	22.73	-42.44	48.14	298	b23r						
v50m	37.32	42.16	-29.08	51.21	325	b47r						
m00o	49.51	71.08	-9.19	71.67	353	b71r						
m50o	49.11	66.86	14.12	68.34	12	b88r						

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$

data for any colour:

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

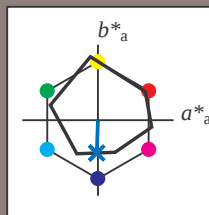
Hue texts:

$u^*_d = c50v$ $u^*_e = g96b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 43 -1 -43

$\text{LAB}^*\text{LCH}^*_{Ma}$: 43 43 268

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.07 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$ u^*_e

o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = c50v$
 $\text{LAB}^*\text{LCH}^*_{Ma}$

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

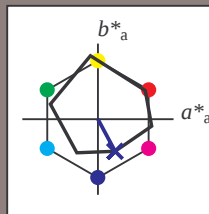
Hue texts:

$u^*_d = v00m$ $u^*_e = b23r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	48.71	62.56	37.91	73.15	31	r08j
Y _{Ma}	89.25	-9.92	83.91	84.49	97	r33j
L _{Ma}	52.5	-62.91	19.95	66.0	162	r57j
C _{Ma}	59.15	-27.87	-44.43	52.45	238	r81j
V _{Ma}	29.13	22.73	-42.44	48.14	298	j06g
M _{Ma}	49.51	71.08	-9.19	71.67	353	j30g
N _{Ma}	20.0	0.0	0.0	0.0	0	j53g
W _{Ma}	95.0	0.0	0.0	0.0	0	j76g
O _{Ma}	39.92	58.74	27.99	65.07	25	g00b
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g34b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g69b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g96b

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 23 -42

$LAB^*LCH^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v00m$
 $LAB^*LCH^*_{Ma}$

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.904$

data for any colour:

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

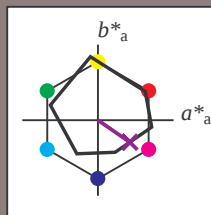
Hue texts:

$u^*_d = v50m$ $u^*_e = b47r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 37 42 -29

$\text{LAB}^*\text{LCH}^*_{Ma}$: 37 51 325

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.94 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v50m$
 $\text{LAB}^*\text{LCH}^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.98$

data for any colour:

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

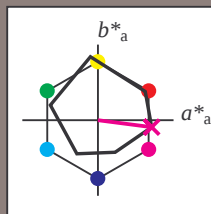
Hue texts:

$u^*_d = m00o$ $u^*_e = b71r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 50 71 -9

$\text{LAB}^*\text{LCH}^*_{Ma}$: 50 72 352

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

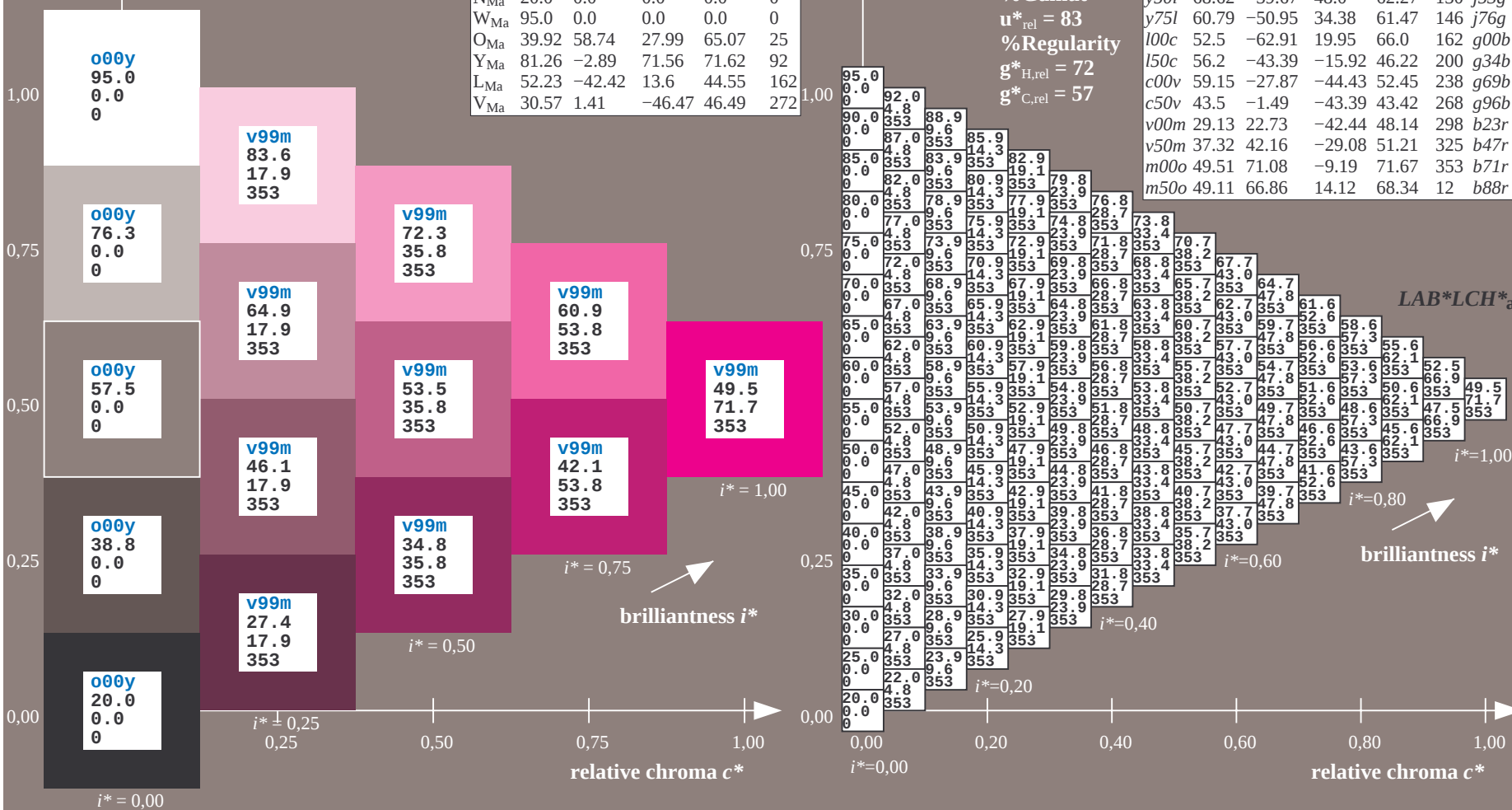
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m00o$
 $\text{LAB}^*\text{LCH}^*_{Ma}$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$ data for any colour: Data for maximum colour (Ma):

$u^*_d = m50o$
 $LAB^*LCH^*_a$

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

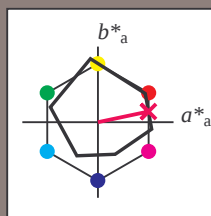
Hue texts:

$$u_d^* = m500 \quad u_e^* = b88r$$

contrast reduction factor:

$$c_p = 0.96$$
triangle lightness t^*

3 3



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB*LAB*_{Ma}: 49 67 14

LAB*LCH* M_2 : 49 68 11

 $lab*ply*Me: 1.0 \ 0.0 \ 0.5$
$$1.0 \quad 0.0 \quad 0.24$$

rgb -Ma. 1.0 0.0

triangle lightness t^*

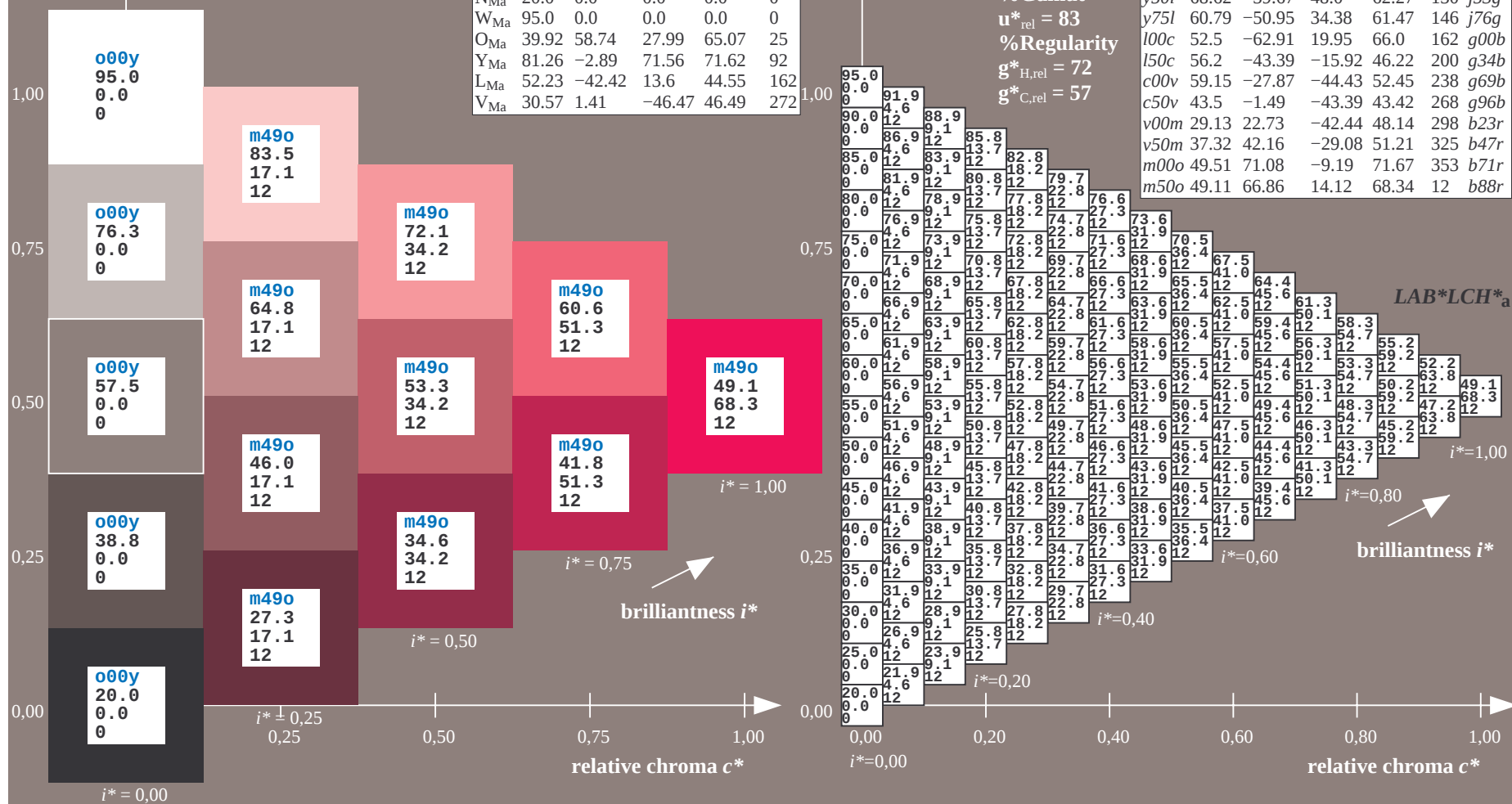
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 83$$

%Regularity

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	48.71	62.56	37.91	73.15	31	<i>r08j</i>	
<i>o25y</i>	58.6	44.87	49.14	66.54	48	<i>r33j</i>	
<i>o50y</i>	67.52	28.93	59.25	65.94	64	<i>r57j</i>	
<i>o75y</i>	77.05	11.9	70.06	71.06	80	<i>r81j</i>	
<i>y00l</i>	89.25	-9.92	83.91	84.49	97	<i>j06g</i>	
<i>y25l</i>	77.37	-27.05	63.23	68.78	113	<i>j30g</i>	
<i>y50l</i>	68.62	-39.67	48.0	62.27	130	<i>j53g</i>	
<i>y75l</i>	60.79	-50.95	34.38	61.47	146	<i>j76g</i>	
<i>l00c</i>	52.5	-62.91	19.95	66.0	162	<i>g00b</i>	
<i>l50c</i>	56.2	-43.39	-15.92	46.22	200	<i>g34b</i>	
<i>c00v</i>	59.15	-27.87	-44.43	52.45	238	<i>g69b</i>	
<i>c50v</i>	43.5	-1.49	-43.39	43.42	268	<i>g96b</i>	
<i>v00m</i>	29.13	22.73	-42.44	48.14	298	<i>b23r</i>	
<i>v50m</i>	37.32	42.16	-29.08	51.21	325	<i>b47r</i>	
<i>m00o</i>	49.51	71.08	-9.19	71.67	353	<i>b71r</i>	
<i>m50o</i>	49.11	66.86	14.12	68.34	12	<i>b88r</i>	



BAM-test chart Ee45; Colorimetric systems, Page 179/270
3 separations and 9 data tables for 16 hues *o00y* to *m75o*

```
input: 000n / w / nnn0 / www set...
output: ->cmv0* setcmvcolor
```

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de/Ee.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

	A		B		C		D		E		F		G		H		I		J		K		L		M		N		O		P		Q		R		S		T		U		V		W		X		Y		Z		a		b		c		d		e		f		g		h		i		j		k		LAB*LCH*a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
01	20.6	24.1	28.1	32.2	36.2	40.3	44.4	48.4	52.5	56.6	60.7	64.8	68.9	73.0	77.1	81.2	85.3	89.4	93.5	97.6	101.7	105.8	109.9	114.0	118.1	122.2	126.3	130.4	134.5	138.6	142.7	146.8	150.9	155.0	159.1	163.2	167.3	171.4	175.5	179.6	183.7	187.8	191.9	196.0	200.1	204.2	208.3	212.4	216.5	220.6	224.7	228.8	232.9	237.0	241.1	245.2	249.3	253.4	257.5	261.6	265.7	269.8	273.9	278.0	282.1	286.2	290.3	294.4	298.5	302.6	306.7	310.8	314.9	319.0	323.1	327.2	331.3	335.4	339.5	343.6	347.7	351.8	355.9	360.0	364.1	368.2	372.3	376.4	380.5	384.6	388.7	392.8	396.9	401.0	405.1	409.2	413.3	417.4	421.5	425.6	429.7	433.8	437.9	442.0	446.1	450.2	454.3	458.4	462.5	466.6	470.7	474.8	478.9	483.0	487.1	491.2	495.3	499.4	503.5	507.6	511.7	515.8	519.9	524.0	528.1	532.2	536.3	540.4	544.5	548.6	552.7	556.8	560.9	565.0	569.1	573.2	577.3	581.4	585.5	589.6	593.7	597.8	601.9	606.0	610.1	614.2	618.3	622.4	626.5	630.6	634.7	638.8	642.9	647.0	651.1	655.2	659.3	663.4	667.5	671.6	675.7	679.8	683.9	688.0	692.1	696.2	700.3	704.4	708.5	712.6	716.7	720.8	724.9	729.0	733.1	737.2	741.3	745.4	749.5	753.6	757.7	761.8	765.9	770.0	774.1	778.2	782.3	786.4	790.5	794.6	798.7	802.8	806.9	811.0	815.1	819.2	823.3	827.4	831.5	835.6	839.7	843.8	847.9	852.0	856.1	860.2	864.3	868.4	872.5	876.6	880.7	884.8	888.9	893.0	897.1	901.2	905.3	909.4	913.5	917.6	921.7	925.8	929.9	934.0	938.1	942.2	946.3	950.4	954.5	958.6	962.7	966.8	970.9	975.0	979.1	983.2	987.3	991.4	995.5	999.6	1003.7	1007.8	1011.9	1016.0	1020.1	1024.2	1028.3	1032.4	1036.5	1040.6	1044.7	1048.8	1052.9	1057.0	1061.1	1065.2	1069.3	1073.4	1077.5	1081.6	1085.7	1089.8	1093.9	1098.0	1102.1	1106.2	1110.3	1114.4	1118.5	1122.6	1126.7	1130.8	1134.9	1139.0	1143.1	1147.2	1151.3	1155.4	1159.5	1163.6	1167.7	1171.8	1175.9	1180.0	1184.1	1188.2	1192.3	1196.4	1200.5	1204.6	1208.7	1212.8	1216.9	1221.0	1225.1	1229.2	1233.3	1237.4	1241.5	1245.6	1249.7	1253.8	1257.9	1262.0	1266.1	1270.2	1274.3	1278.4	1282.5	1286.6	1290.7	1294.8	1298.9	1303.0	1307.1	1311.2	1315.3	1319.4	1323.5	1327.6	1331.7	1335.8	1339.9	1344.0	1348.1	1352.2	1356.3	1360.4	1364.5	1368.6	1372.7	1376.8	1380.9	1385.0	1389.1	1393.2	1397.3	1401.4	1405.5	1409.6	1413.7	1417.8	1421.9	1426.0	1430.1	1434.2	1438.3	1442.4	1446.5	1450.6	1454.7	1458.8	1462.9	1467.0	1471.1	1475.2	1479.3	1483.4	1487.5	1491.6	1495.7	1499.8	1503.9	1508.0	1512.1	1516.2	1520.3	1524.4	1528.5	1532.6	1536.7	1540.8	1544.9	1549.0	1553.1	1557.2	1561.3	1565.4	1569.5	1573.6	1577.7	1581.8	1585.9	1590.0	1594.1	1598.2	1602.3	1606.4	1610.5	1614.6	1618.7	1622.8	1626.9	1631.0	1635.1	1639.2	1643.3	1647.4	1651.5	1655.6	1659.7	1663.8	1667.9	1672.0	1676.1	1680.2	1684.3	1688.4	1692.5	1696.6	1700.7	1704.8	1708.9	1713.0	1717.1	1721.2	1725.3	1729.4	1733.5	1737.6	1741.7	1745.8	1749.9	1754.0	1758.1	1762.2	1766.3	1770.4	1774.5	1778.6	1782.7	1786.8	1790.9	1795.0	1799.1	1803.2	1807.3	1811.4	1815.5	1819.6	1823.7	1827.8	1831.9	1836.0	1840.1	1844.2	1848.3	1852.4	1856.5	1860.6	1864.7	1868.8	1872.9	1877.0	1881.1	1885.2	1889.3	1893.4	1897.5	1901.6	1905.7	1909.8	1913.9	1918.0	1922.1	1926.2	1930.3	1934.4	1938.5	1942.6	1946.7	1950.8	1954.9	1959.0	1963.1	1967.2	1971.3	1975.4	1979.5	1983.6	1987.7	1991.8	1995.9	1999.0	2003.1	2007.2	2011.3	2015.4	2019.5	2023.6	2027.7	2031.8	2035.9	2040.0	2044.1	2048.2	2052.3	2056.4	2060.5	2064.6	2068.7	2072.8	2076.9	2081.0	2085.1	2089.2	2093.3	2097.4	2101.5	2105.6	2109.7	2113.8	2117.9	2122.0	2126.1	2130.2	2134.3	2138.4	2142.5	2146.6	2150.7	2154.8	2158.9	2163.0	2167.1	2171.2	2175.3	2179.4	2183.5	2187.6	2191.7	2195.8	2199.9	2204.0	2208.1	2212.2	2216.3	2220.4	2224.5	2228.6	2232.7	2236.8	2240.9	2245.0	2249.1	2253.2	2257.3	2261.4	2265.5	2269.6	2273.7	2277.8	2281.9	2286.0	2290.1	2294.2	2298.3	2302.4	2306.5	2310.6	2314.7	2318.8	2322.9	2327.0	2331.1	2335.2	2339.3	2343.4	2347.5	2351.6	2355.7	2359.8	2363.9	2368.0	2372.1	2376.2	2380.3	2384.4	2388.5	2392.6	2396.7	2400.8	2404.9	2409.0	2413.1	2417.2	2421.3	2425.4	2429.5	2433.6	2437.7	2441.8	2445.9	2450.0	2454.1	2458.2	2462.3	2466.4	2470.5	2474.6	2478.7	2482.8	2486.9	2491.0	2495.1	2499.2	2503.3	2507.4	2511.5	2515.6	2519.7	2523.8	2527.9	2532.0	2536.1	2540.2	2544.3	2548.4	2552.5	2556.6	2560.7	2564.8	2568.9	2573.0	2577.1	2581.2	2585.3	2589.4	2593.5	2597.6	2601.7	2605.8	2609.9	2614.0	2618.1	2622.2	2626.3	2630.4	2634.5	2638.6	2642.7	2646.8	2650.9	2655.0	2659.1	2663.2	2667.3	2671.4	2675.5	2679.6	2683.7	2687.8	2691.9	2696.0	2700.1	2704.2	2708.3	2712.4	2716.5	2720.6	2724.7	2728.8	2732.9	2737.0	2741.1	2745.2	2749.3	2753.4	2757.5	2761.6	2765.7	2769.8	2773.9	2778.0	2782.1	2786.2	2790.3	2794.4	2798.5	2802.6	2806.7	2810.8	2814.9	2819.0	2823.1	2827.2	2831.3	2835.4	2839.5	2843.6	2847.7	2851.8	2855.9	2860.0	2864.1	2868.2	2872.3	2876.4	2880.5	2884.6	2888.7	2892.8	2896.9	2901.0	2905.1	2909.2	2913.3	2917.4	2921.5	2925.6	2929.7	2933.8	2937.9	2942.0	2946.1	2950.2	2954.3	2958.4	2962.5	2966.6	2970.7	2974.8	2978.9	2983.0	2987.1	2991.2	2995.3	2999.4	3003.5	3007.6	3011.7	3015.8	3019.9	3024.0	3028.1	3032.2	3036.3	3040.4	3044.5	3048.6	3052.7	3056.8	3060.9	3065.0	3069.1	3073.2	3077.3	3081.4	3085.5	3089.6	3093.7	3097.8	3101.9	3106.0	3110.1	3114.2	3118.3	3122.4	3126.5	3130.6	3134.7	3138.8	3142.9	3147.0	3151.1	3155.2	3159.3	3163.4	3167.5	3171.6	3175.7	3179.8	3183.9	3188.0	3192.1	3196.2	3200.3	3204.4	3208.5	3212.6	3216.7	3220.8	3224.9	3229.0	3233.1	3237.2	3241.3	3245.4	3249.5	3253.6	3257.7	3261.8	3265.9	3270.0	3274.1	3278.2	3282.3	3286.4	3290.5	3294.6	3298.7	3302.8	3306.9	3311.0	3315.1	3319.2	3323.3	3327.4	3331.5	3335.6	3339.7	3343.8	3347.9	3352.0	3356.1	3360.2	3364.3	3368.4	3372.5	3376.6	3380.7	3384.8	3388.9	3393.0	3397.1	3401.2	3405.3	3409.4	3413.5	3417.6	3421.7	3425.8	3429.9	3434.0	3438.1	3442.2	3446.3	3450.4	3454.5	3458.6	3462.7	3466.8	3470.9	3475.0	3479.1	3483.2	3487.3	3491.4	3495.5	3499.6	3503.7	3507.8	3511.9	3516.0	3520.1	3524.2	3528.3	3532.4	3536.5	3540.6	3544.7	3548.8	3552.9	3557.0	3561.1	3565.2	3569.3	3573.4	3577.5	3581.6	3585.7	3589.8	3593.9	3598.0	3602.1	3606.2	3610.3	3614.4	3618.5	3622.6	3626.7	3630.8	3634.9	3639.0	3643.1	3647.2	3651.3	3655.4	3659.5	3663.6	3667.7	3671.8	3675.9	3680.0	3684.1	3688.2	3692.3	3696.4	3700.5	3704.6	3708.7	3712.8	3716.9	3721.0	3725.1	3729.2	3733.3	3737.4	3741.5	3745.6	3749.7	3753.8	3757.9	3762.0	3766.1	3770.2	3774.3	3778.4	3782.5	3786.6	3790.7	3794.8	3798.9	3803.0	3807.1	3811.2	3815.3	3819.4	3823.5	3827.6	3831.7	3835.8	3839.9	3844.0	3848.1	3852.2	3856.3	3860.4	3864.5	3868.6	3872.7	3876.8	3880.9	3885.0	3889.1	3893.2	3897.3	3901.4	3905.5	3909.6	3913.7	3917.8	3921.9	3926.0	3930.1	3934.2	3938.3	3942.4	3946.5	3950.6	3954.7	3958.8	3962.9	3967.0	3971.1	3975.2	3979.3	3983.4	3987.5	3991.6	3995.7	3999.8	4003.9	4008.0	4012.1	4016.2	4020.3	4024.4	4028.5	4032.6	4036.7	4040.8	4044.9	4049.0	4053.1	4057.2	4061.3	4065.4	4069.5	4073.6	4077.7	4081.8	4085.9	4090.0	4094.1	4098.2	4102.3	4106.4	4110.5	4114.6	4118.7	4122.8	4126.9	4131.0	4135.1	4139.2	4143.3	4147.4	4151.5	4155.6	4159.7	4163.8	4167.9	4172.0	4176.1	4180.2	4184.3	4188.4	4192.5	4196.6	4200.7	4204.8	4208.9	4213.0	4217.1	4221.2	4225.3	4229.4	4233.5	4237.6	4241.7	4245.8	4249.9	4254.0	4258.1	4262.2	4266.3	4270.4	4274.5	4278.6	4282.7	4286.8	4290.9	4295.0	4299.1	4303.2	4307.3	4311.4	4315.5	4319.6	4323.7	4327.8	4331.9	4336.0	4340.1	4344.2	4348.3	4352.4	4356.5	4360.6	4364.7	4368.8	4372.9	4377.0	4381.1	4385.2	4389.3	4393.4	4397.5	4401.6	4405.7	4409.8	4413.9	4418.0	4422.1	4426.2	4430.3	4434.4	4438.5	4442.6	4446.7	4450.8	4454.9	4459.0	4463.1	4467.2	4471.3	4475.4	4479.5	4483.6	4487.7	4491.8	4495.9	4500.0	4504.1	4508.2	4512.3	4516.4	4520.5	4524.6	4528.7	4532.8	4536.9	4541.0	4545.1	4549.2	4553.3	4557.4	4561.5	4565.6	4569.7	4573.8	4577.9	4582.0	4586.1	4590.2	45

BAM registration: 20081001-Ee45/10L/L45E00NA.PS/.TXT BAM ma
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4t

BAM-test chart Ee45; Colorimetric systems, Page 180/270
3 separations and 9 data tables for 16 hues $000y$ to $m75o$

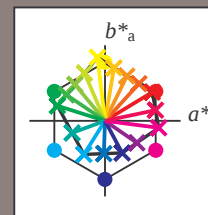
```
input: 000n / w / nnn0 / www set...
output: ->cmv0* setcmvcolor
```


Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15
device hue text:
 u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$
contrast reduction factor:
 $c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

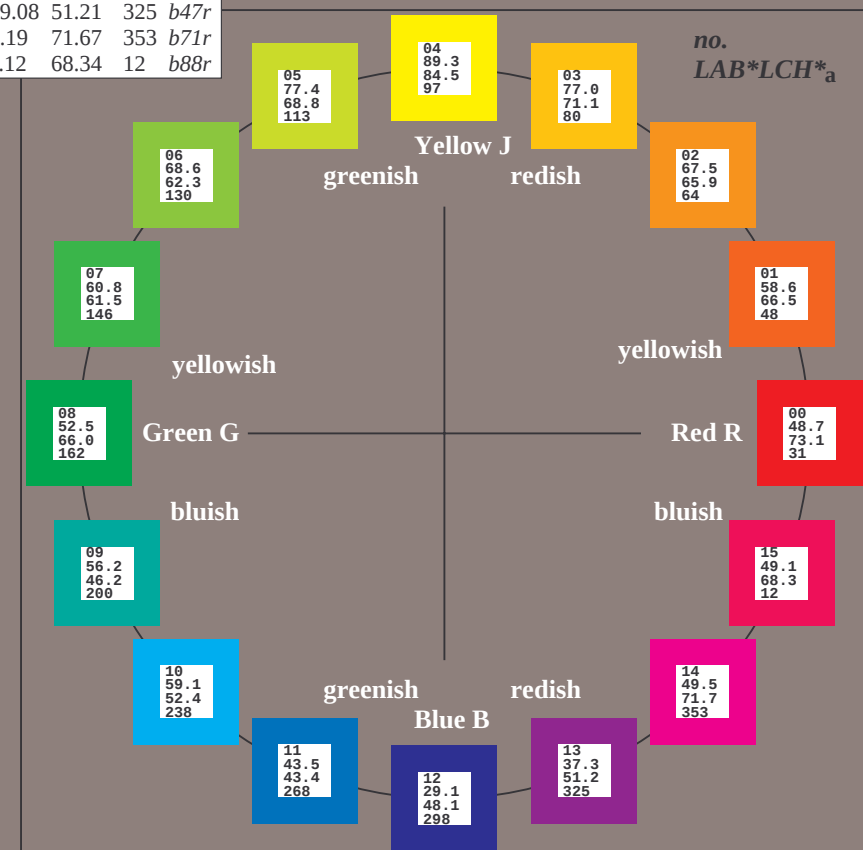
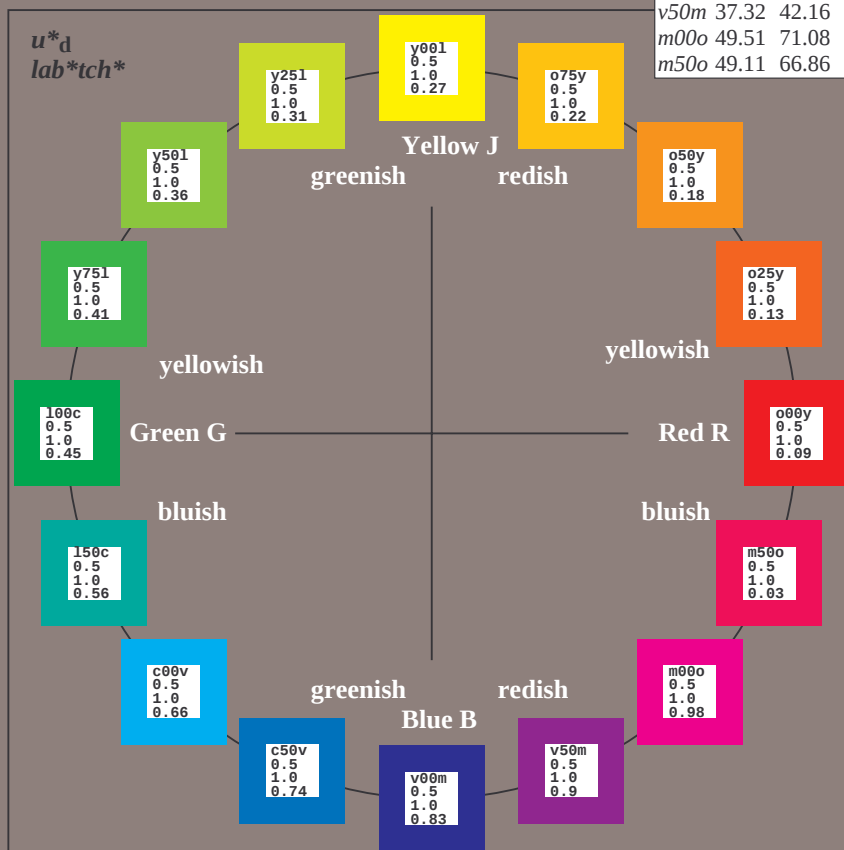
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

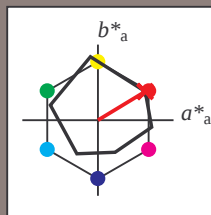
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	92
Y_{CIE}	81.26	-2.89	71.56	71.62	25
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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 49 63 38

$\text{LAB}^*\text{LCH}^*_{Ma}$: 49 73 31

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.09 0.0

triangle lightness t^*

% Gamut

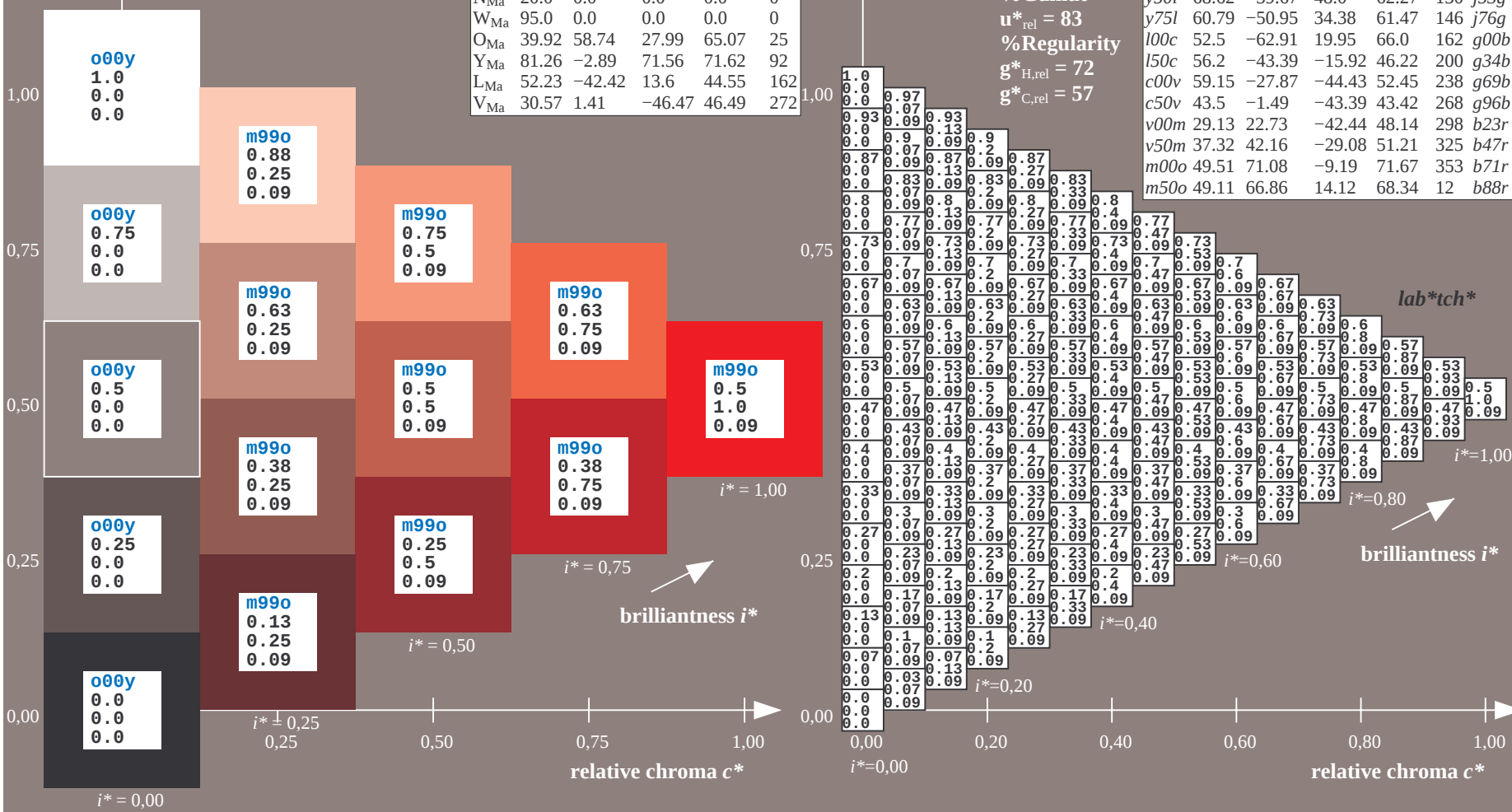
$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.132$

data for any colour:

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

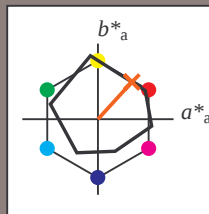
Hue texts:

$u^*_d = o25y$ $u^*_e = r33j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 45 49

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

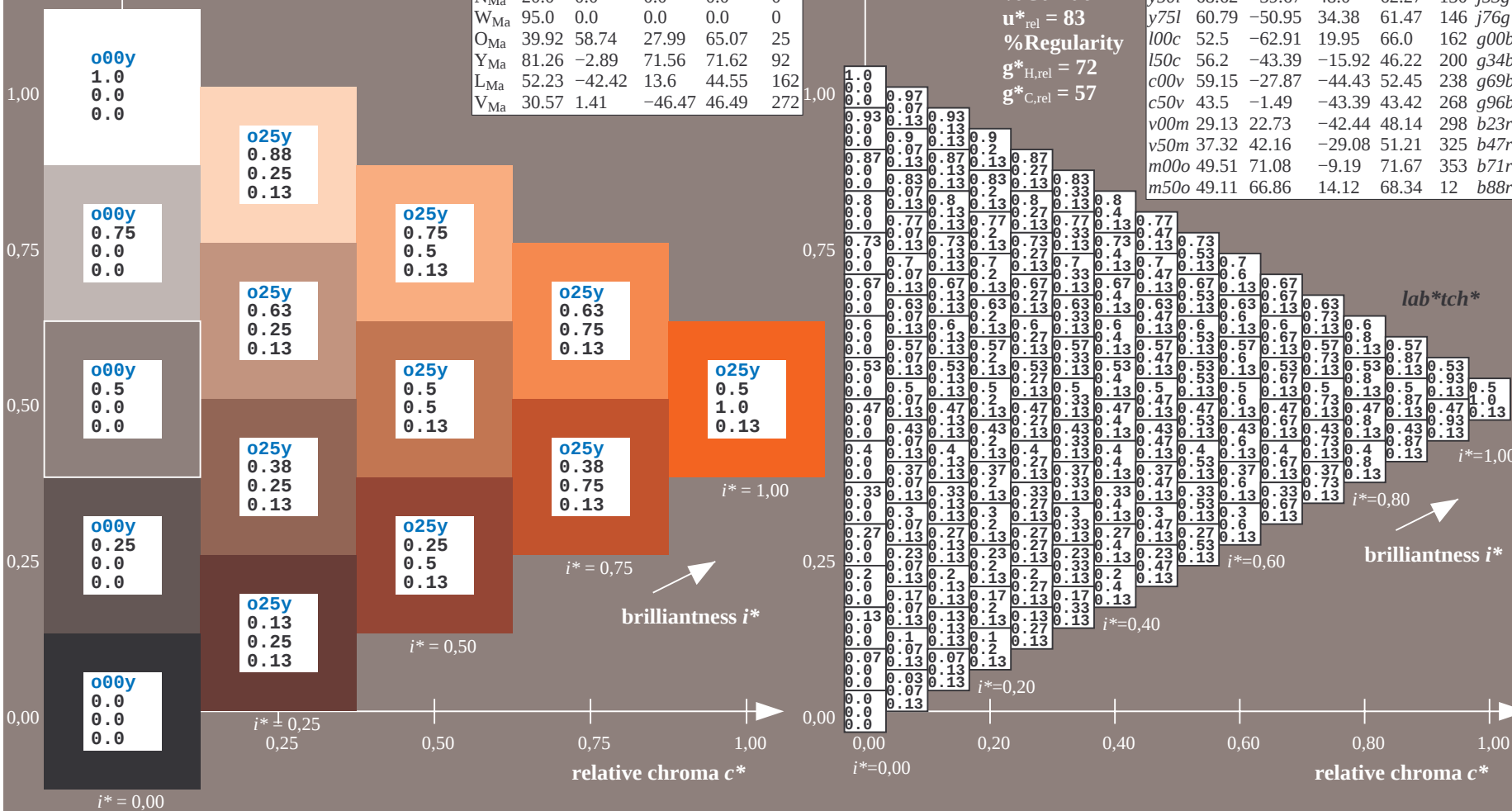
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = o25y$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.178$

data for any colour:

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

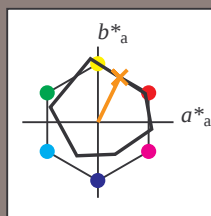
Hue texts:

$u^*_d = o50y$ $u^*_e = r57j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 68 29 59

$\text{LAB}^*\text{LCH}^*_{Ma}$: 68 66 63

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*tch^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.223$

data for any colour:

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

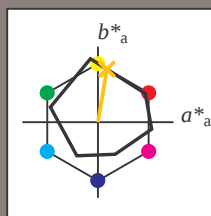
Hue texts:

$u^*_d = o75y$ $u^*_e = r81j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 77 12 70

$\text{LAB}^*\text{LCH}^*_{Ma}$: 77 71 80

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = o75y$
 lab^*tch^*

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.269$

data for any colour:

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

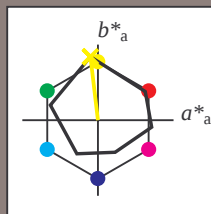
Hue texts:

$u^*_d = y00l$ $u^*_e = j06g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 89 -10 84

$\text{LAB}^*\text{LCH}^*_{Ma}$: 89 84 96

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.94 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*tch^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

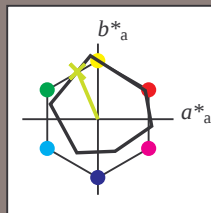
Hue texts:

$u^*_d = y25l$ $u^*_e = j30g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 77 -27 63

$\text{LAB}^*\text{LCH}^*_{Ma}$: 77 69 113

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.7 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y25l$
 lab^*tch^*

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

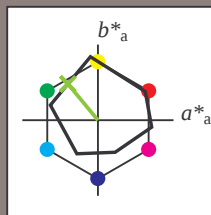
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.36$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 69 -40 48

$\text{LAB}^*\text{LCH}^*_{Ma}$: 69 62 129

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.47 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.406$

data for any colour:

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

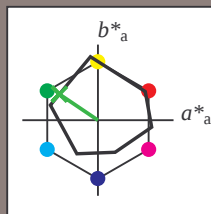
Hue texts:

$u^*_d = y75l$ $u^*_e = j76g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 61 -51 34

$\text{LAB}^*\text{LCH}^*_{Ma}$: 61 61 145

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y75l$
 lab^*tch^*

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

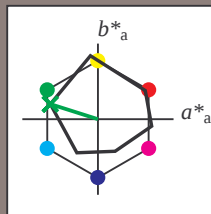
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 100c$ $u^*_e = g00b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 52 -63 20

$\text{LAB}^*\text{LCH}^*_{Ma}$: 52 66 162

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = 100c$
 lab^*tch^*

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

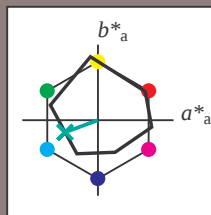
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 56 -43 -16

$\text{LAB}^*\text{LCH}^*_{Ma}$: 56 46 200

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = 150c$
 lab^*tch^*

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

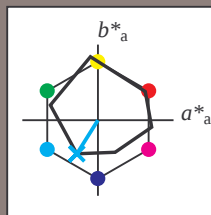
relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.661$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 -28 -44

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 52 237

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*tch^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

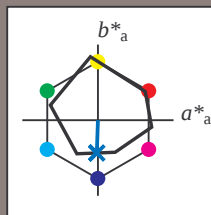
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 43 -1 -43

$\text{LAB}^*\text{LCH}^*_{Ma}$: 43 43 268

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.07 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*tch^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

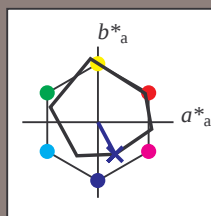
Hue texts:

$u^*_d = v00m$ $u^*_e = b23r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 29 23 -42

$\text{LAB}^*\text{LCH}^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = v00m$
 lab^*tch^*

lab^*tch^*

$i^* = 1.00$

$i^* = 0.80$

brilliantness i^*

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.904$

data for any colour:

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

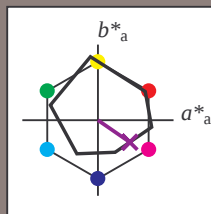
Hue texts:

$u^*_d = v50m$ $u^*_e = b47r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 37 42 -29

$\text{LAB}^*\text{LCH}^*_{Ma}$: 37 51 325

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.94 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.98$

data for any colour:

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

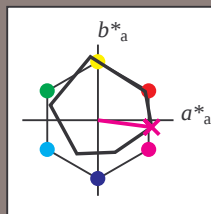
Hue texts:

$u^*_d = m00o$ $u^*_e = b71r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 50 71 -9

$\text{LAB}^*\text{LCH}^*_{Ma}$: 50 72 352

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

lab^*tch^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

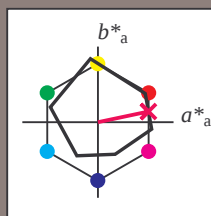
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 49 67 14

$\text{LAB}^*\text{LCH}^*_{Ma}$: 49 68 11

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.0 0.24

triangle lightness t^*

% Gamut

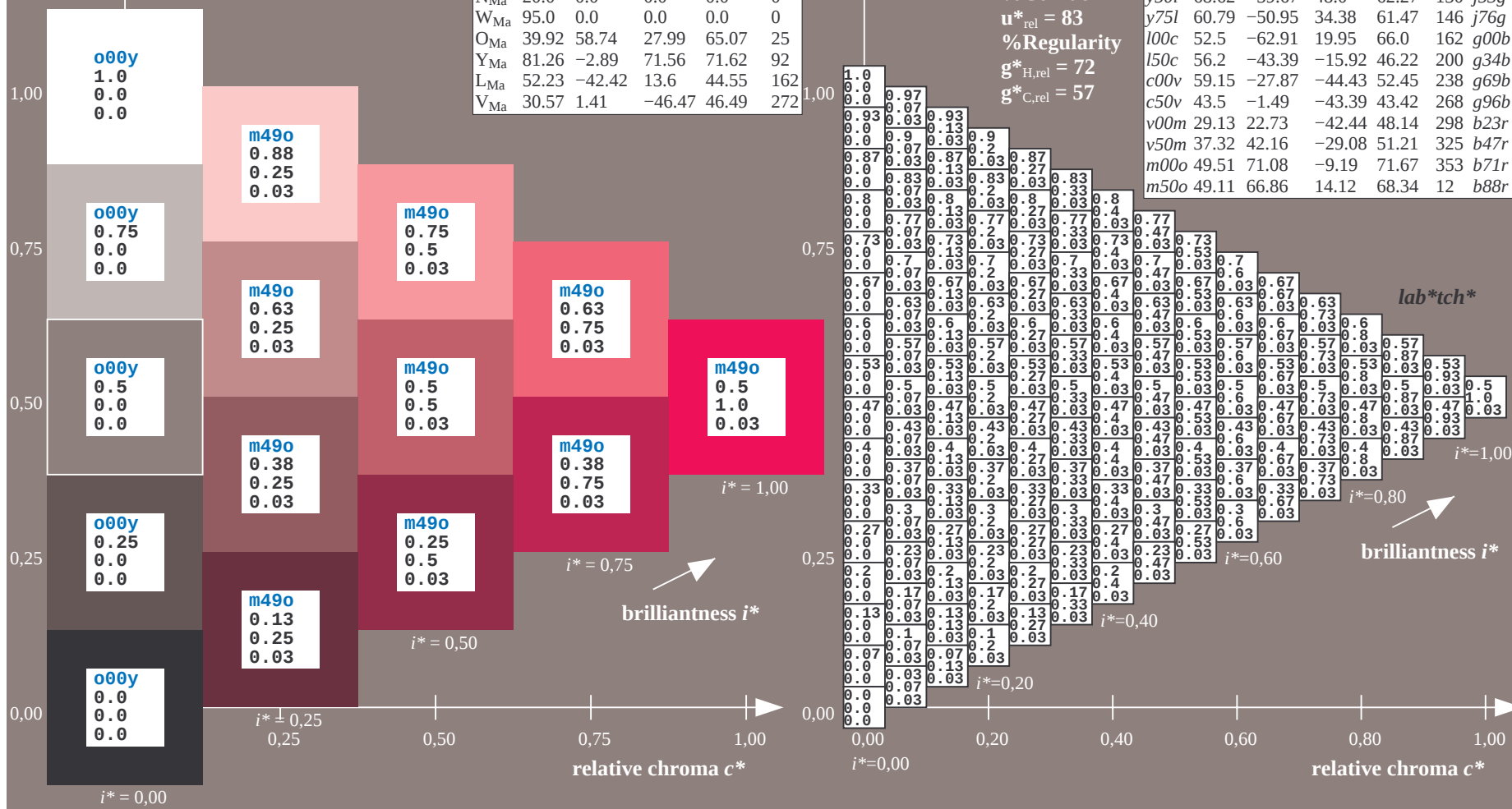
$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de
Technical information: <http://www.ps.bam.de>

Version 2.1, io=1,1, ColSpX=0

BAM registration: 20081001-Ee45/10L/L45E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

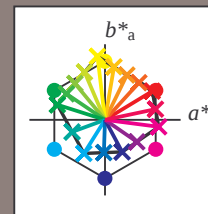
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*tch*			
01	0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.0	0.0	0.0		
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	
	0.0	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.09	0.27	0.36	0.39	0.41	0.41	0.42	0.43	0.43	0.09	0.18	0.27	0.33	0.36	0.38	0.39	0.41	0.41	0.0	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	
02	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.13	0.13	0.13	0.13	
	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	
	0.83	0.66	0.56	0.52	0.5	0.49	0.49	0.48	0.48	0.98	0.0	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.09	0.09	0.27	0.33	0.36	0.39	0.41	0.41	0.42	0.43	0.43	0.66	0.6	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09		
03	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.25	0.25	0.25	0.25	
	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
	0.83	0.74	0.66	0.59	0.56	0.54	0.52	0.51	0.5	0.9	0.83	0.66	0.56	0.52	0.5	0.49	0.49	0.48	0.98	0.98	0.0	0.45	0.45	0.45	0.45	0.45	0.45	0.66	0.66	0.6	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09		
04	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.63	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.38	0.38	0.38	0.38	
	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
	0.83	0.77	0.72	0.66	0.61	0.58	0.56	0.54	0.53	0.88	0.83	0.74	0.66	0.59	0.56	0.54	0.52	0.51	0.93	0.9	0.83	0.66	0.56	0.52	0.5	0.49	0.49	0.66	0.66	0.6	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	
05	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
	0.83	0.79	0.74	0.7	0.66	0.62	0.59	0.57	0.56	0.87	0.83	0.77	0.72	0.66	0.61	0.58	0.56	0.54	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
06	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.31	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.31	0.38	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.63	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.63	0.63	0.63	0.63
	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
	0.83	0.79	0.76	0.73	0.69	0.66	0.63	0.6	0.58	0.86	0.83	0.79	0.74	0.7	0.66	0.62	0.59	0.57	0.89	0.87	0.87	0.83	0.77	0.72	0.66	0.61	0.58	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	
07	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75		
	0.83	0.8	0.77	0.74	0.72	0.69	0.66	0.63	0.61	0.85	0.83	0.79	0.76	0.73	0.69	0.66	0.63	0.6	0.88	0.86	0.83	0.79	0.74	0.7	0.66	0.62	0.59	0.56	0.66	0.66	0.6	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	
08	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44		
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.																									

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15
device hue text:
 u^*_d = 16 hues $o00y, o25y, \dots, m50o$
contrast reduction factor:
 $c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut

$u^*_{rel} = 83$

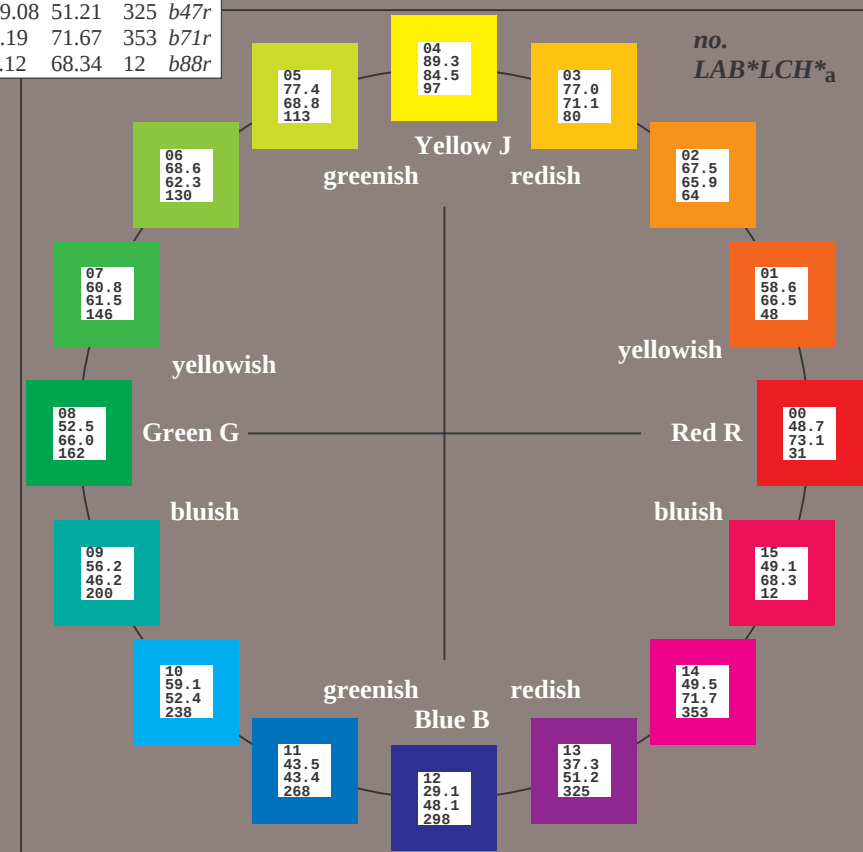
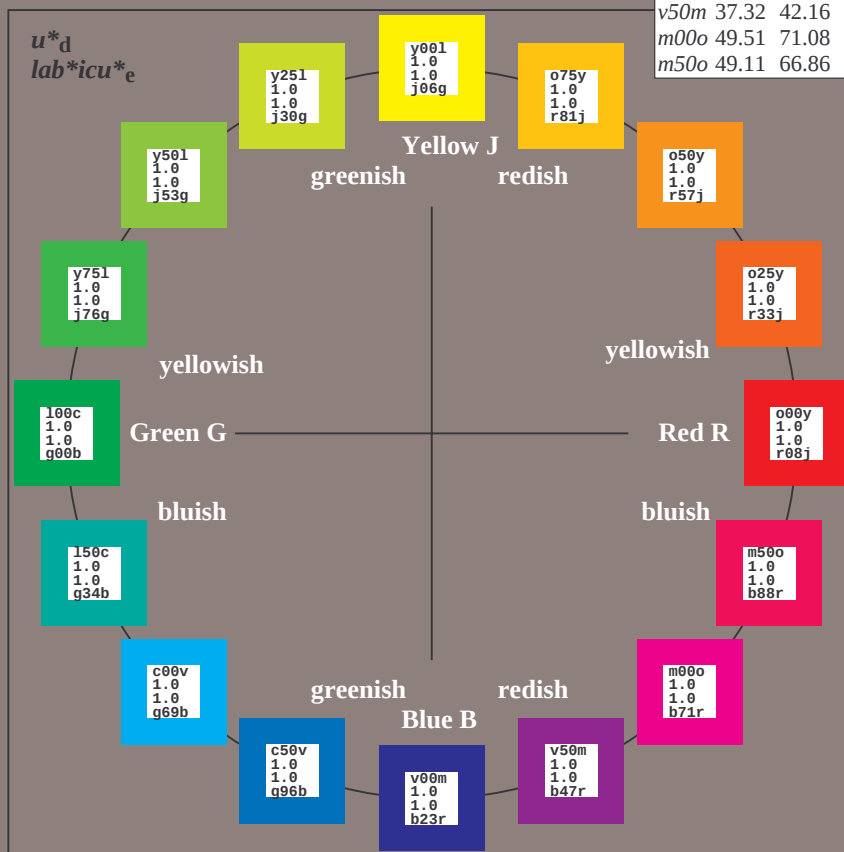
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

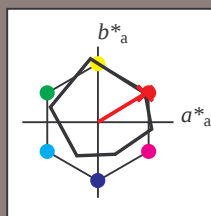
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	92
Y_{CIE}	81.26	-2.89	71.56	71.62	25
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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 63 38

$LAB^*LCH^*_{Ma}$: 49 73 31

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

$lab^*rgb^*_{Ma}$: 1.0 0.09 0.0

triangle lightness t^*

%Gamut

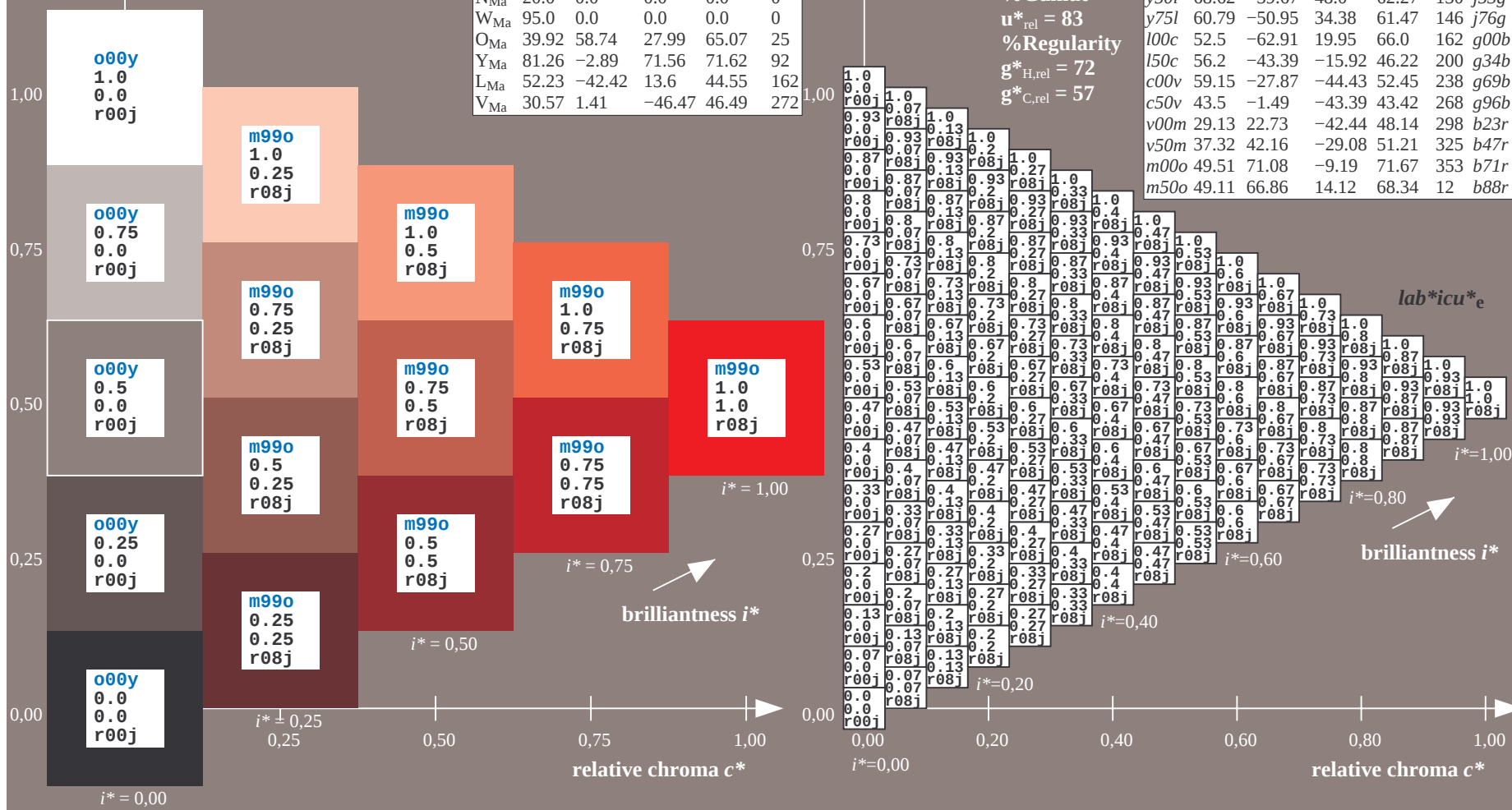
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.132$

data for any colour:

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

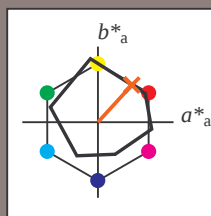
Hue texts:

$u^*_d = o25y$ $u^*_e = r33j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 45 49

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

%Gamut

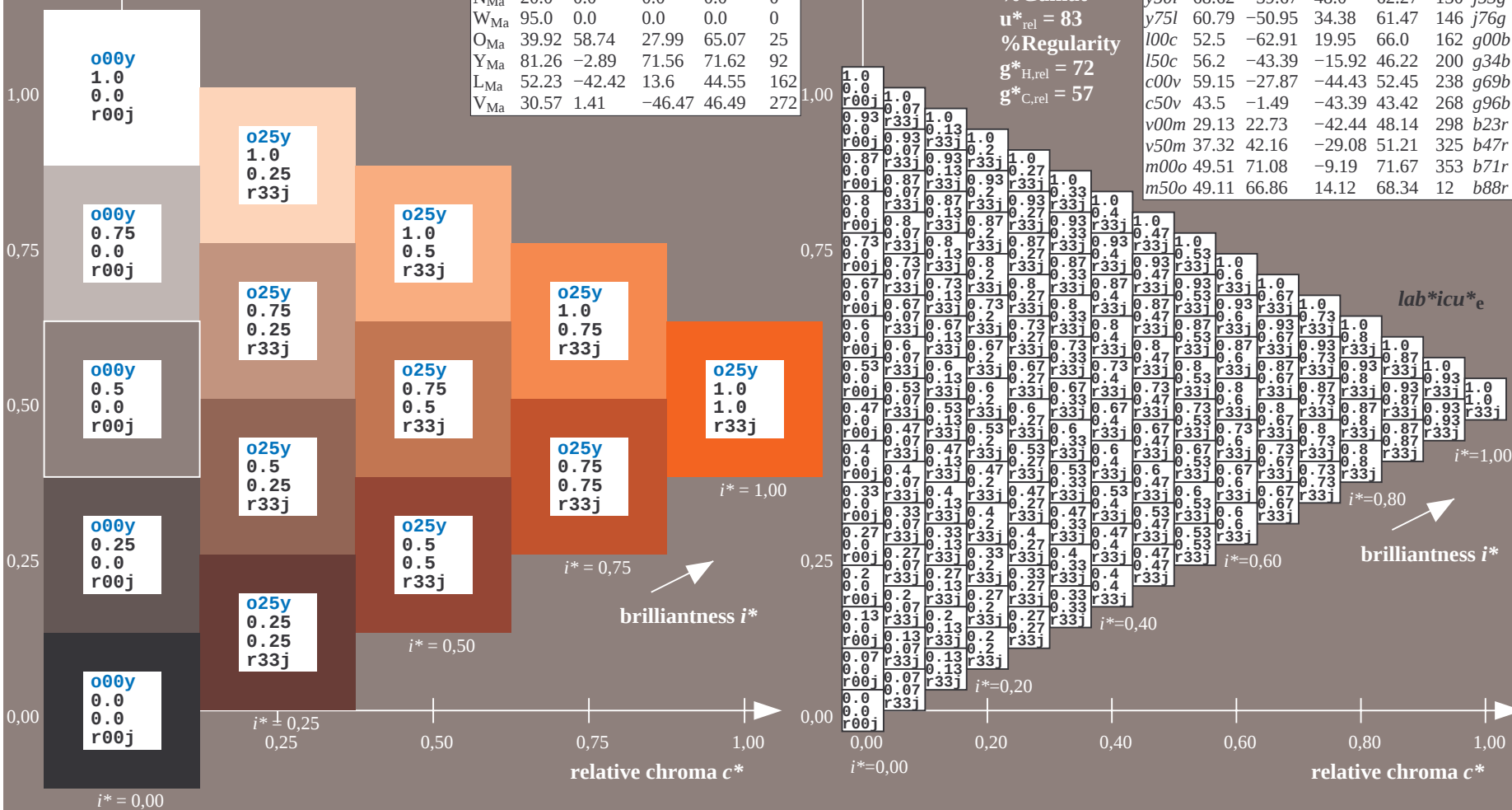
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.178$

data for any colour:

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

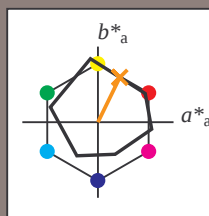
Hue texts:

$u^*_d = o50y$ $u^*_e = r57j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 68 29 59

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 68 66 63

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

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

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$\text{lab}^*icu^*_e$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

data for any colour:

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

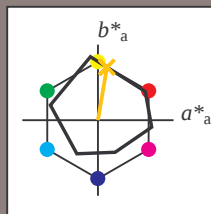
Hue texts:

$u^*_d = o75y$ $u^*_e = r81j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 77 12 70

$LAB^*LCH^*_{Ma}$: 77 71 80

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31		r08j
o25y	58.6	44.87	49.14	66.54	48		r33j
o50y	67.52	28.93	59.25	65.94	64		r57j
o75y	77.05	11.9	70.06	71.06	80		r81j
y00l	89.25	-9.92	83.91	84.49	97		j06g
y25l	77.37	-27.05	63.23	68.78	113		j30g
y50l	68.62	-39.67	48.0	62.27	130		j53g
y75l	60.79	-50.95	34.38	61.47	146		j76g
l00c	52.5	-62.91	19.95	66.0	162		g00b
l50c	56.2	-43.39	-15.92	46.22	200		g34b
c00v	59.15	-27.87	-44.43	52.45	238		g69b
c50v	43.5	-1.49	-43.39	43.42	268		g96b
v00m	29.13	22.73	-42.44	48.14	298		b23r
v50m	37.32	42.16	-29.08	51.21	325		b47r
m00o	49.51	71.08	-9.19	71.67	353		b71r
m50o	49.11	66.86	14.12	68.34	12		b88r

$lab^*icu^*_e$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$

data for any colour:

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

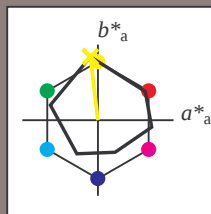
Hue texts:

$u^*_d = y00l$ $u^*_e = j06g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 89 -10 84

$LAB^*LCH^*_{Ma}$: 89 84 96

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

$lab^*rgb^*_{Ma}$: 0.94 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$lab^*icu^*_e$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

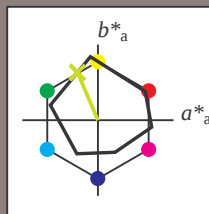
Hue texts:

$u^*_d = y25l$ $u^*_e = j30g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 77 -27 63

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 77 69 113

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.7 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 83$

% Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$\text{lab}^*icu^*_e$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

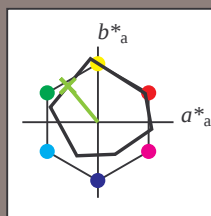
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.36$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 69 -40 48

$\text{LAB}^*\text{LCH}^*_{Ma}$: 69 62 129

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.47 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$\text{lab}^*\text{icu}^*_e$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$

data for any colour:

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

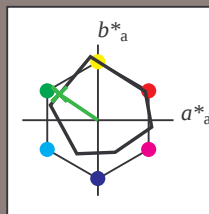
Hue texts:

$u^*_d = y75l$ $u^*_e = j76g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 61 -51 34

$LAB^*LCH^*_{Ma}$: 61 61 145

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

$lab^*rgb^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

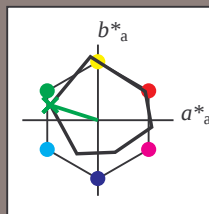
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y75l$
 $lab^*icu^*_e$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = 100c$ $u^*_e = g00b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -63 20

$LAB^*LCH^*_{Ma}$: 52 66 162

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

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

triangle lightness t^*

% Gamut

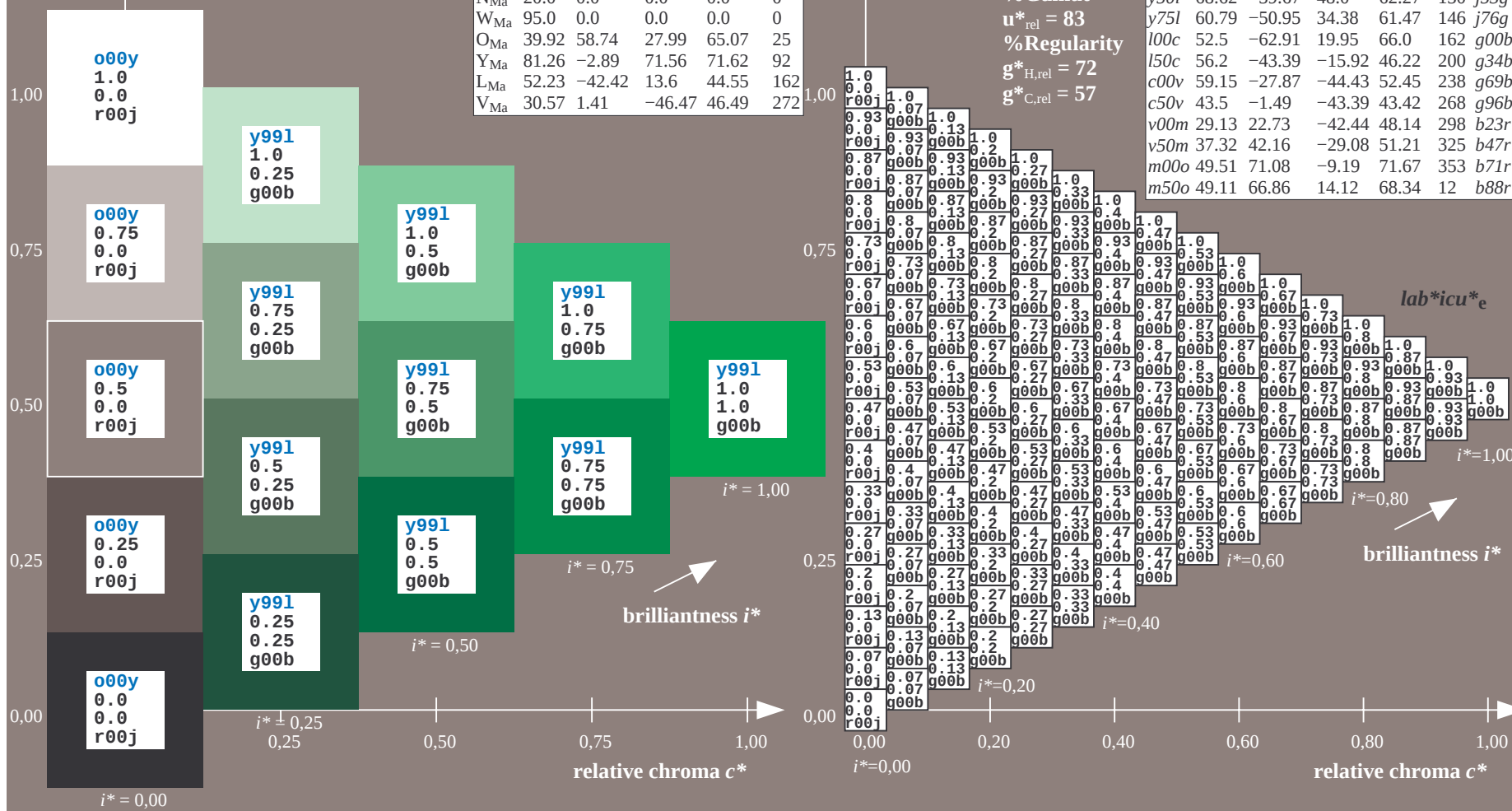
$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

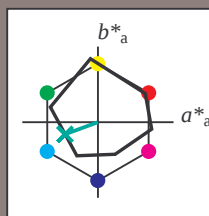
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = l50c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -43 -16

$LAB^*LCH^*_{Ma}$: 56 46 200

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

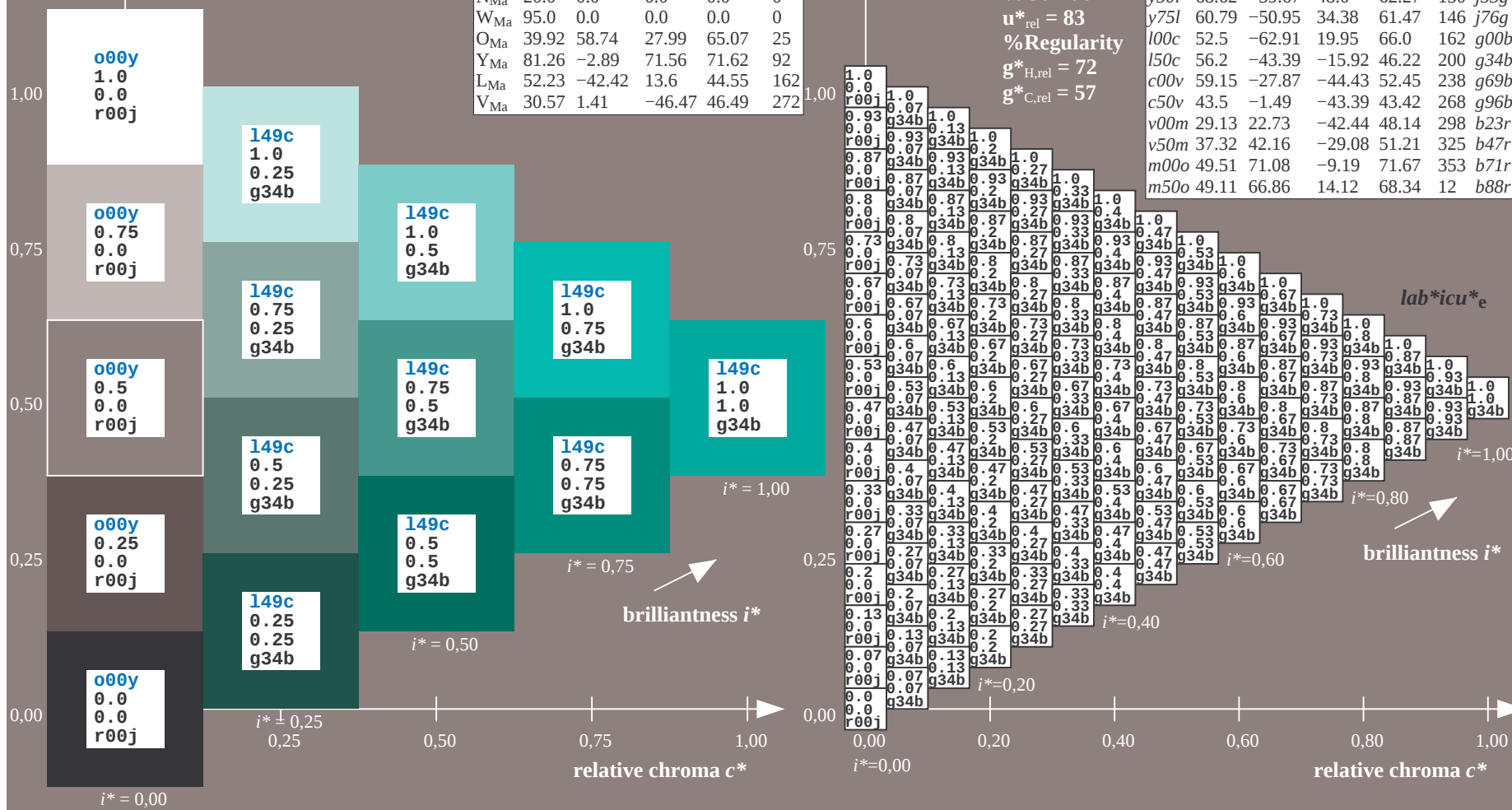
% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = l50c$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

data for any colour:

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

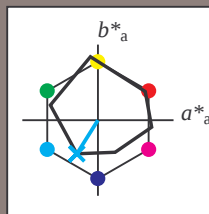
Hue texts:

$u^*_d = c00v$ $u^*_e = g69b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 59 -28 -44

$LAB^*LCH^*_{Ma}$: 59 52 237

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

$lab^*rgb^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$lab^*icu^*_e$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$

data for any colour:

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

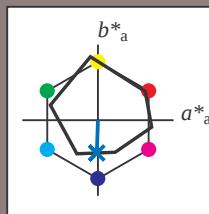
Hue texts:

$u^*_d = c50v$ $u^*_e = g96b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 43 -1 -43

$LAB^*LCH^*_{Ma}$: 43 43 268

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

$lab^*rgb^*_{Ma}$: 0.0 0.07 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$lab^*icu^*_e$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

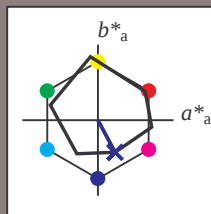
Hue texts:

$u^*_d = v00m$ $u^*_e = b23r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 29 23 -42

$\text{LAB}^*\text{LCH}^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$\text{lab}^*icu^*_e$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

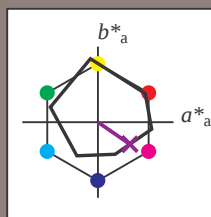
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.904$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-9.19	71.67	353	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 37 42 -29

$\text{LAB}^*\text{LCH}^*_{Ma}$: 37 51 325

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.94 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$\text{lab}^*\text{icu}^*_e$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

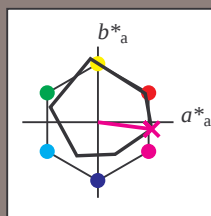
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.98$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m00o$ $u^*_e = b71r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	48.71	62.56	37.91	73.15	31	r08j
Y _{Ma}	89.25	-9.92	83.91	84.49	97	r33j
L _{Ma}	52.5	-62.91	19.95	66.0	162	r57j
C _{Ma}	59.15	-27.87	-44.43	52.45	238	r81j
V _{Ma}	29.13	22.73	-42.44	48.14	298	j06g
M _{Ma}	49.51	71.08	-9.19	71.67	353	j30g
N _{Ma}	20.0	0.0	0.0	0.0	0	j53g
W _{Ma}	95.0	0.0	0.0	0.0	0	j76g
O _{Ma}	39.92	58.74	27.99	65.07	25	g00b
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g34b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g69b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g96b

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 50 71 -9

$\text{LAB}^*\text{LCH}^*_{Ma}$: 50 72 352

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

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

triangle lightness t^*

% Gamut

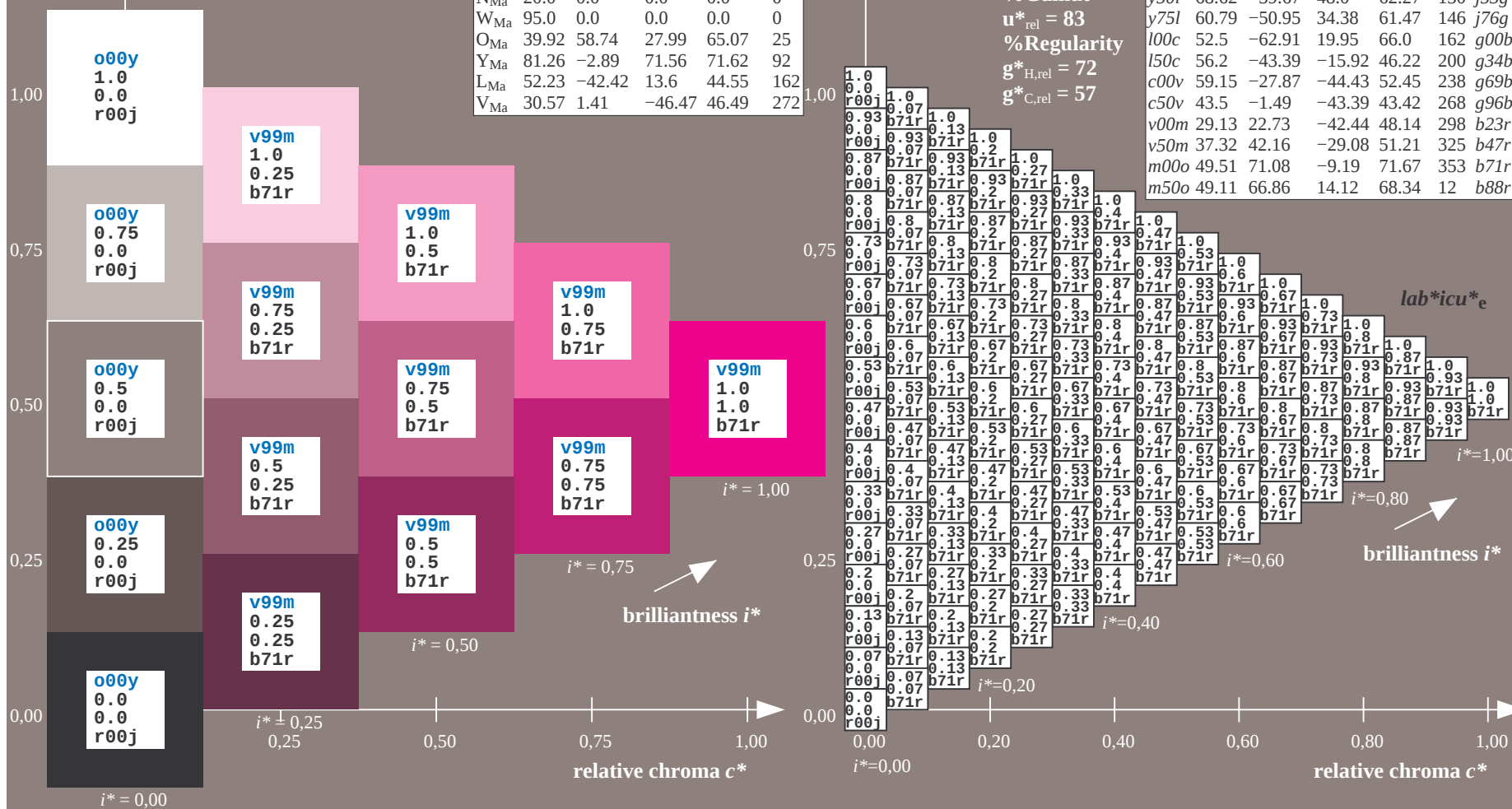
$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

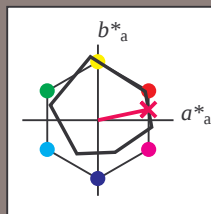
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

O _{Ma}	48.71	62.56	37.91	73.15	31
Y _{Ma}	89.25	-9.92	83.91	84.49	97
L _{Ma}	52.5	-62.91	19.95	66.0	162
C _{Ma}	59.15	-27.87	-44.43	52.45	238
V _{Ma}	29.13	22.73	-42.44	48.14	298
M _{Ma}	49.51	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 67 14

$LAB^*LCH^*_{Ma}$: 49 68 11

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.24

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$ u^*_e

o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m50o$
 $lab^*icu^*_e$

See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20081001-Ee45/10L/L45E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

	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*icu*	e		
01	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
02	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
03	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
04	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
05	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
06	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
07	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
08	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
09	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
10	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
11	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
12	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
13	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
14	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
15	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
16	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
17	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
18	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
19	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
20	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
21	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
22	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
23	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
24	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
25	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
26	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
27	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

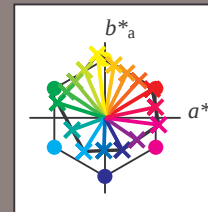
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut

$u^*_{rel} = 83$

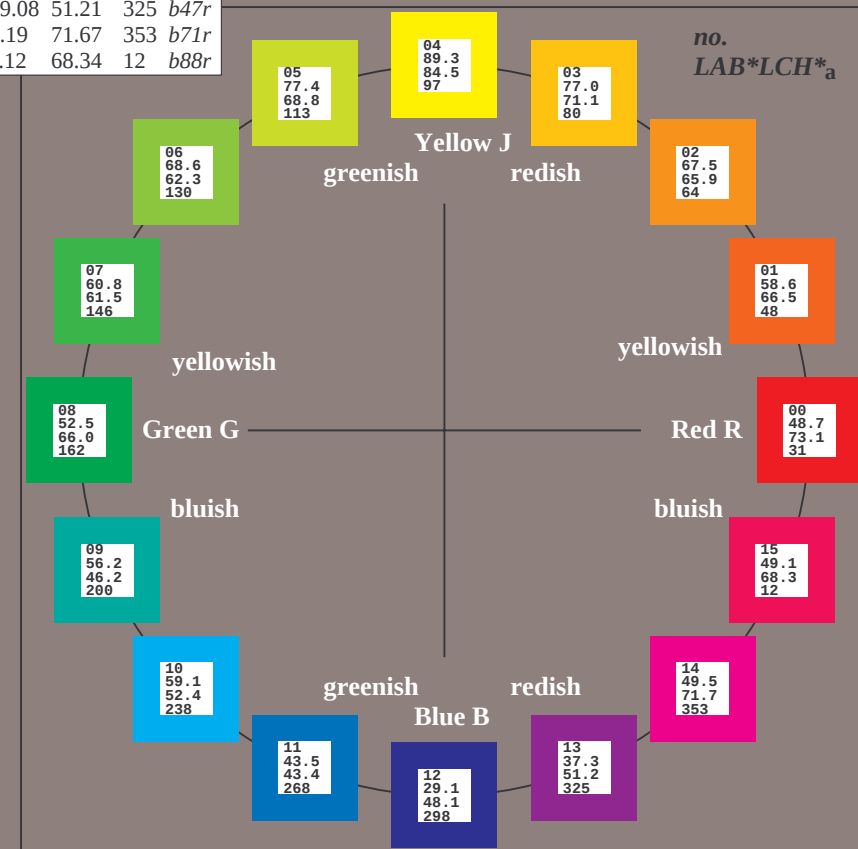
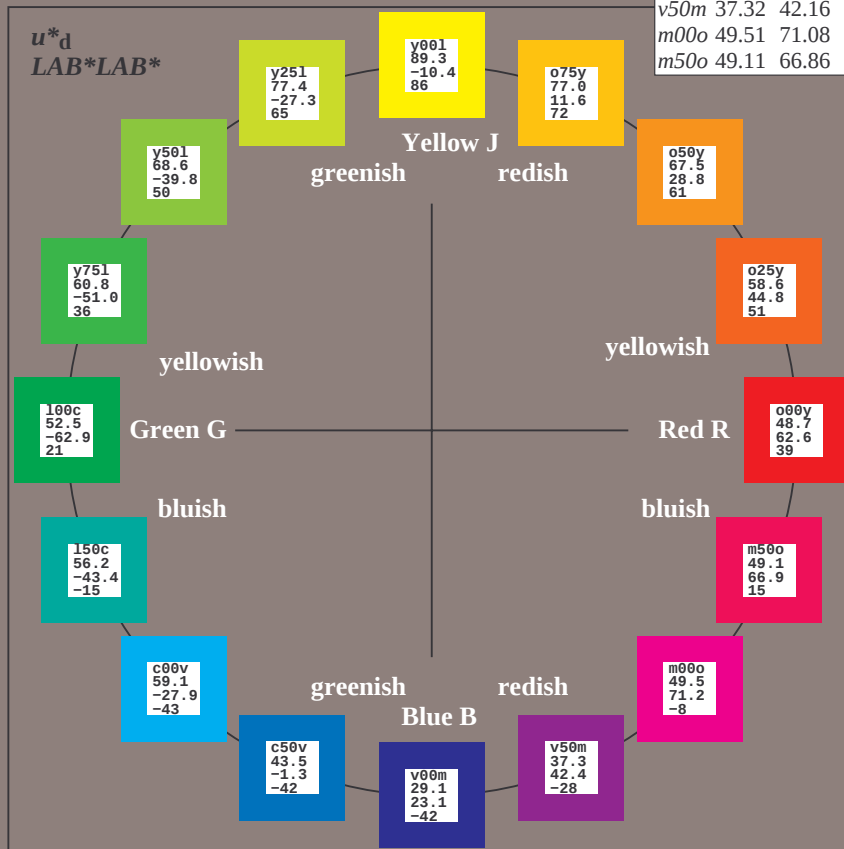
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.087$

data for any colour:

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

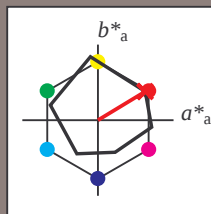
Hue texts:

$u^*_d = o00y$ $u^*_e = r08j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 49 \ 63 \ 38$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 49 \ 73 \ 31$

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}: 1.0 \ 0.09 \ 0.0$

triangle lightness t^*

%Gamut

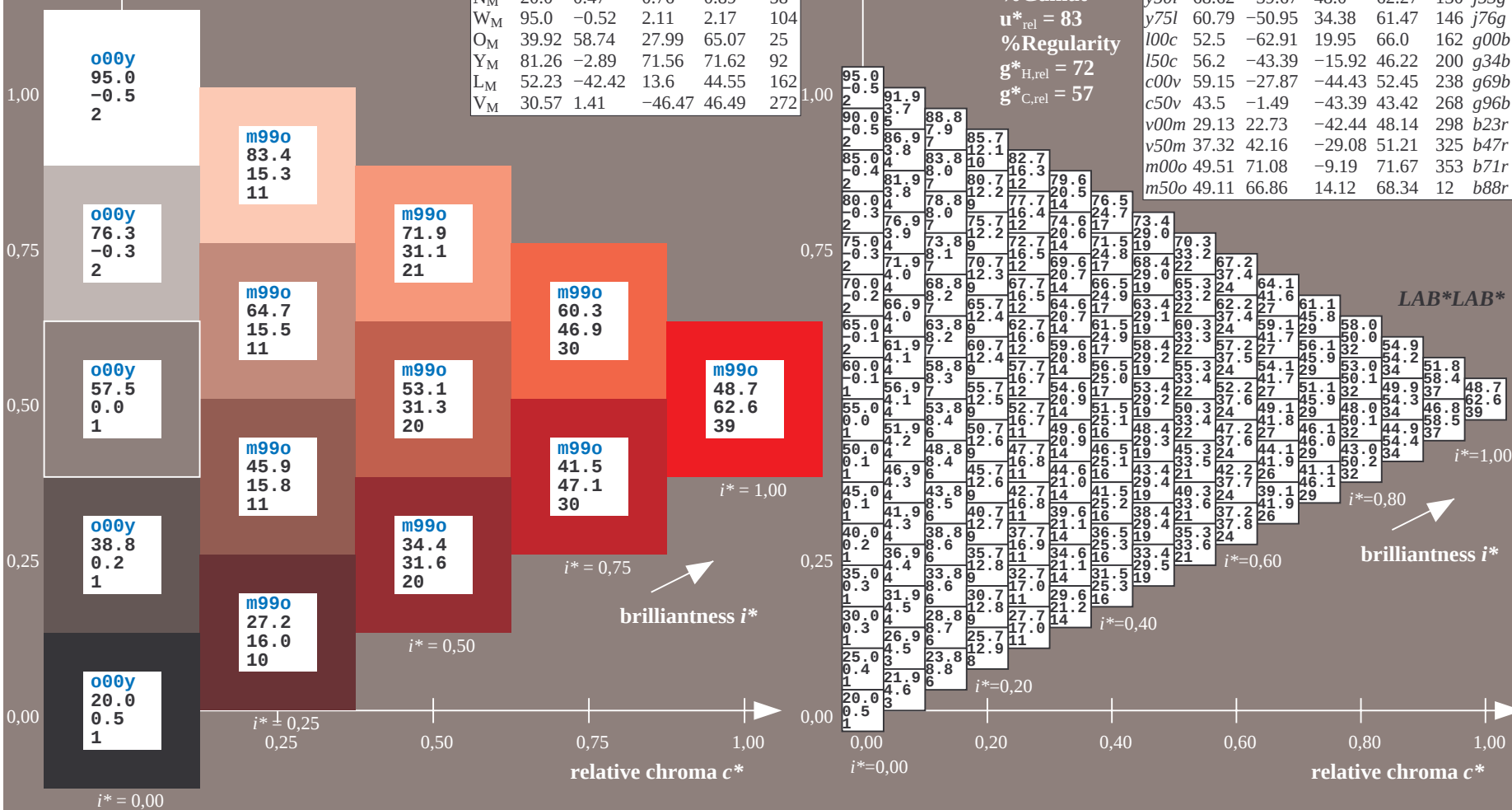
$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.132$

data for any colour:

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

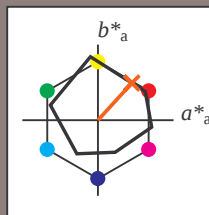
Hue texts:

$u^*_d = o25y$ $u^*_e = r33j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.71	62.65	39.19	73.89	32
Y _M	89.25	-10.36	85.91	86.53	97
L _M	52.5	-62.88	21.3	66.38	161
C _M	59.15	-27.92	-42.97	51.24	237
V _M	29.13	23.07	-41.51	47.5	299
M _M	49.51	71.15	-7.9	71.59	354
N _M	20.0	0.47	0.76	0.89	58
W _M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 59\ 45\ 49$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 59\ 67\ 47$

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

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

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

data for any colour:

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

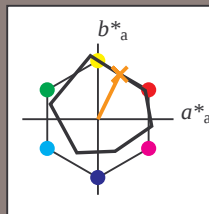
Hue texts:

$u^*_d = o50y$ $u^*_e = r57j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.71	62.65	39.19	73.89	32
Y _M	89.25	-10.36	85.91	86.53	97
L _M	52.5	-62.88	21.3	66.38	161
C _M	59.15	-27.92	-42.97	51.24	237
V _M	29.13	23.07	-41.51	47.5	299
M _M	49.51	71.15	-7.9	71.59	354
N _M	20.0	0.47	0.76	0.89	58
W _M	95.0	-0.52	2.11	2.17	104
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 : 68 29 59

LAB^*LCH^*Ma : 68 66 63

lab^*olv^*Ma : 1.0 0.5 0.0

lab^*rgb^*Ma : 1.0 0.58 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

LAB^*LAB^*

i^*	u^*_d	L^*	a^*	b^*	C^*_{ab}	h^*	u^*_e
1.00	48.71	62.56	37.91	73.15	31	r08j	
0.80	58.6	44.87	49.14	66.54	48	r33j	
0.60	67.52	28.93	59.25	65.94	64	r57j	
0.40	77.05	11.9	70.06	71.06	80	r81j	
0.20	89.25	-9.92	83.91	84.49	97	j06g	
0.00	77.37	-27.05	63.23	68.78	113	j30g	
	68.62	-39.67	48.0	62.27	130	j53g	
	60.79	-50.95	34.38	61.47	146	j76g	
	52.5	-62.91	19.95	66.0	162	g00b	
	56.2	-43.39	-15.92	46.22	200	g34b	
	59.15	-27.87	-44.43	52.45	238	g69b	
	43.5	-1.49	-43.39	43.42	268	g96b	
	29.13	22.73	-42.44	48.14	298	b23r	
	37.32	42.16	-29.08	51.21	325	b47r	
	49.51	71.08	-9.19	71.67	353	b71r	
	49.11	66.86	14.12	68.34	12	b88r	

$i^*=1.00$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

data for any colour:

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

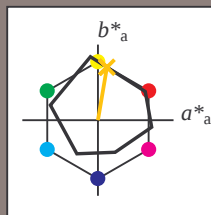
Hue texts:

$u^*_d = o75y$ $u^*_e = r81j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$LAB^*LAB^*_Ma: 77\ 12\ 70$

$LAB^*LCH^*_Ma: 77\ 71\ 80$

$lab^*olv^*_Ma: 1.0\ 0.75\ 0.0$

$lab^*rgb^*_Ma: 1.0\ 0.82\ 0.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

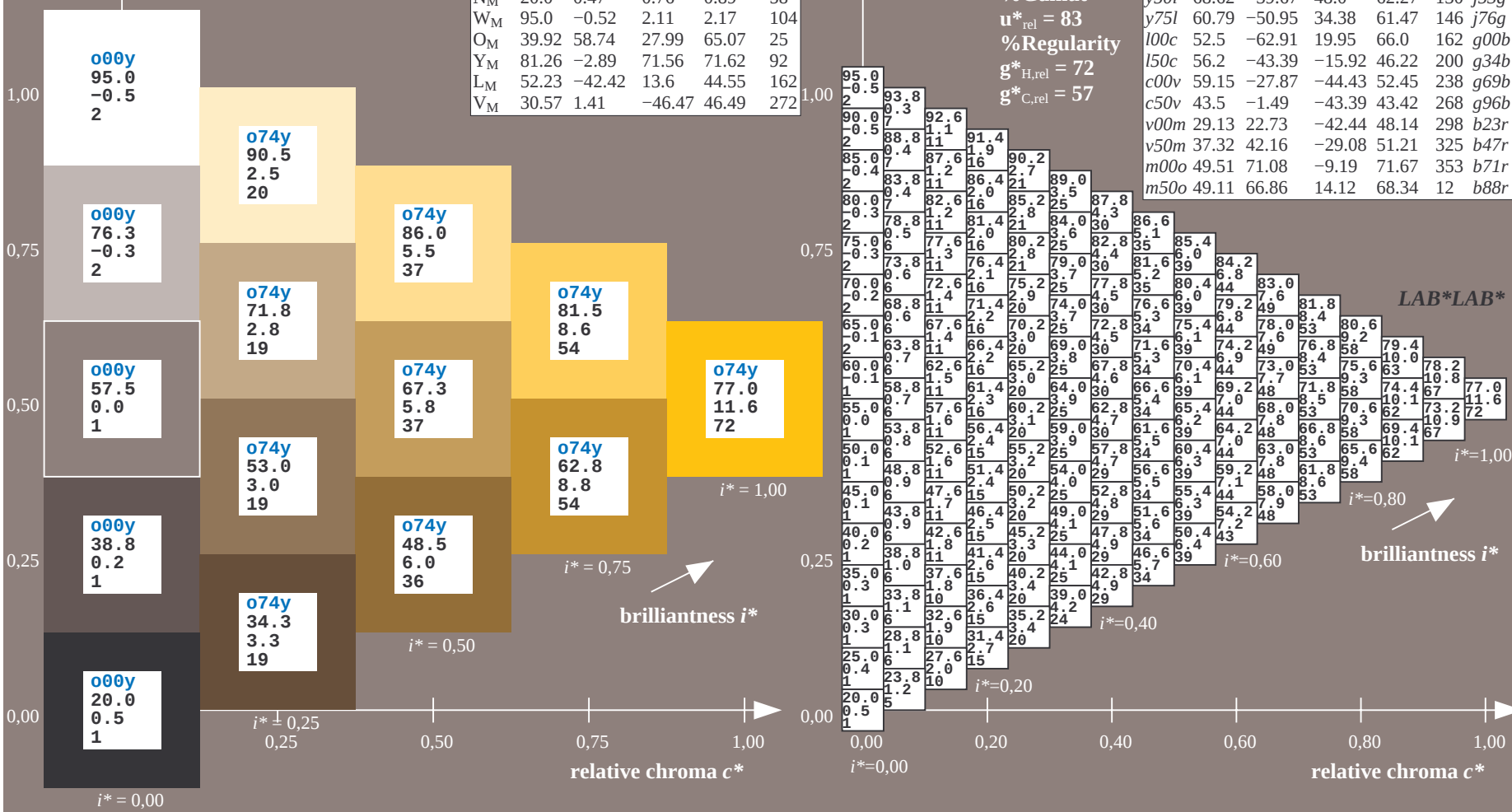
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

$u^*_d = o75y$
 LAB^*LAB^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.269$

data for any colour:

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

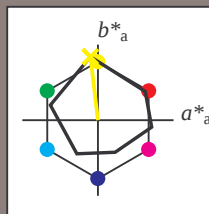
Hue texts:

$u^*_d = y00l$ $u^*_e = j06g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.71	62.65	39.19	73.89	32
Y _M	89.25	-10.36	85.91	86.53	97
L _M	52.5	-62.88	21.3	66.38	161
C _M	59.15	-27.92	-42.97	51.24	237
V _M	29.13	23.07	-41.51	47.5	299
M _M	49.51	71.15	-7.9	71.59	354
N _M	20.0	0.47	0.76	0.89	58
W _M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 89 -10 84

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 89 84 96

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.94 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = y00l$
 LAB^*LAB^*

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

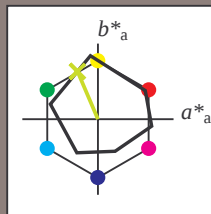
$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y25l$ $u^*_e = j30g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 77 \text{ } -27 \text{ } 63$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 77 \text{ } 69 \text{ } 113$

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}: 0.7 \text{ } 1.0 \text{ } 0.0$

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

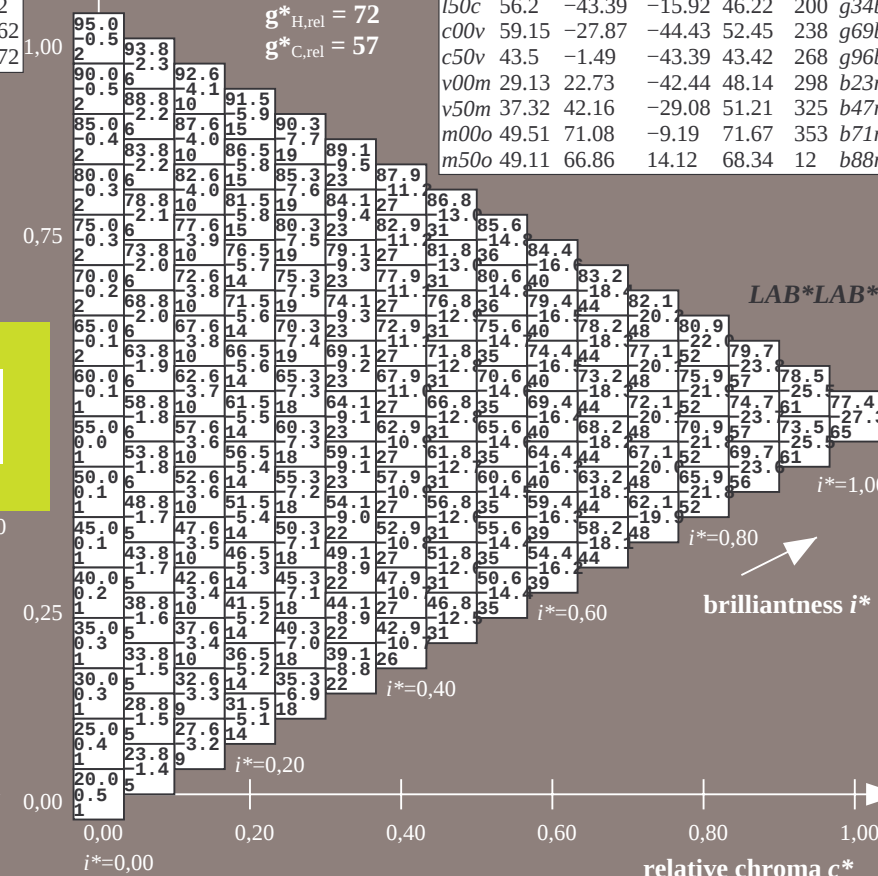
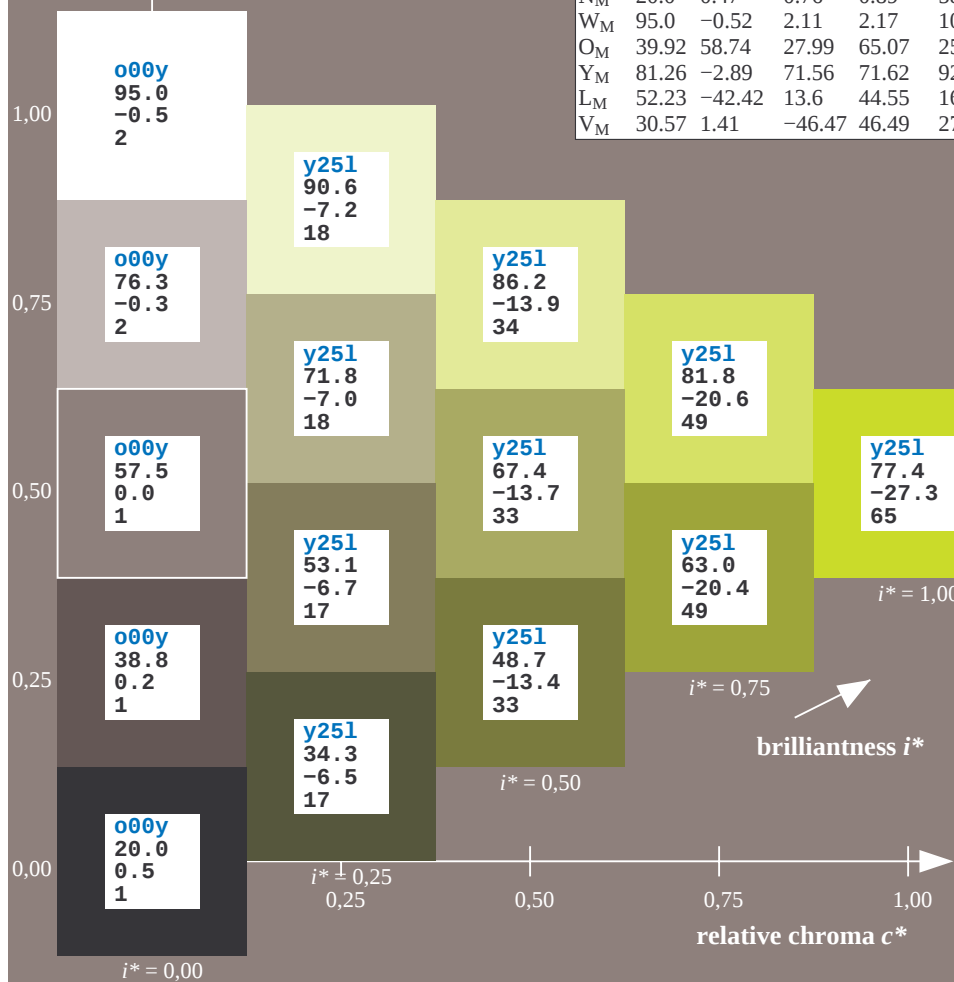
%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

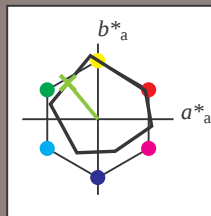
ORS20_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	48.71	62.56	37.91	73.15	31	r08j		
o25y	58.6	44.87	49.14	66.54	48	r33j		
o50y	67.52	28.93	59.25	65.94	64	r57j		
o75y	77.05	11.9	70.06	71.06	80	r81j		
y00l	89.25	-9.92	83.91	84.49	97	j06g		
y25l	77.37	-27.05	63.23	68.78	113	j30g		
y50l	68.62	-39.67	48.0	62.27	130	j53g		
y75l	60.79	-50.95	34.38	61.47	146	j76g		
l00c	52.5	-62.91	19.95	66.0	162	g00b		
l50c	56.2	-43.39	-15.92	46.22	200	g34b		
c00v	59.15	-27.87	-44.43	52.45	238	g69b		
c50v	43.5	-1.49	-43.39	43.42	268	g96b		
v00m	29.13	22.73	-42.44	48.14	298	b23r		
v50m	37.32	42.16	-29.08	51.21	325	b47r		
m00o	49.51	71.08	-9.19	71.67	353	b71r		
m50o	49.11	66.86	14.12	68.34	12	b88r		

$u^*_d = y25l$
 LAB^*LAB^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.36$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 69 -40 48

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 69 62 129

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.47 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	48.71	62.56	37.91	73.15	31	r08j		
o25y	58.6	44.87	49.14	66.54	48	r33j		
o50y	67.52	28.93	59.25	65.94	64	r57j		
o75y	77.05	11.9	70.06	71.06	80	r81j		
y00l	89.25	-9.92	83.91	84.49	97	j06g		
y25l	77.37	-27.05	63.23	68.78	113	j30g		
y50l	68.62	-39.67	48.0	62.27	130	j53g		
y75l	60.79	-50.95	34.38	61.47	146	j76g		
l00c	52.5	-62.91	19.95	66.0	162	g00b		
l50c	56.2	-43.39	-15.92	46.22	200	g34b		
c00v	59.15	-27.87	-44.43	52.45	238	g69b		
c50v	43.5	-1.49	-43.39	43.42	268	g96b		
v00m	29.13	22.73	-42.44	48.14	298	b23r		
v50m	37.32	42.16	-29.08	51.21	325	b47r		
m00o	49.51	71.08	-9.19	71.67	353	b71r		
m50o	49.11	66.86	14.12	68.34	12	b88r		

$u^*_d = y50l$
 LAB^*LAB^*

LAB^*LAB^*

$i^*=1.00$

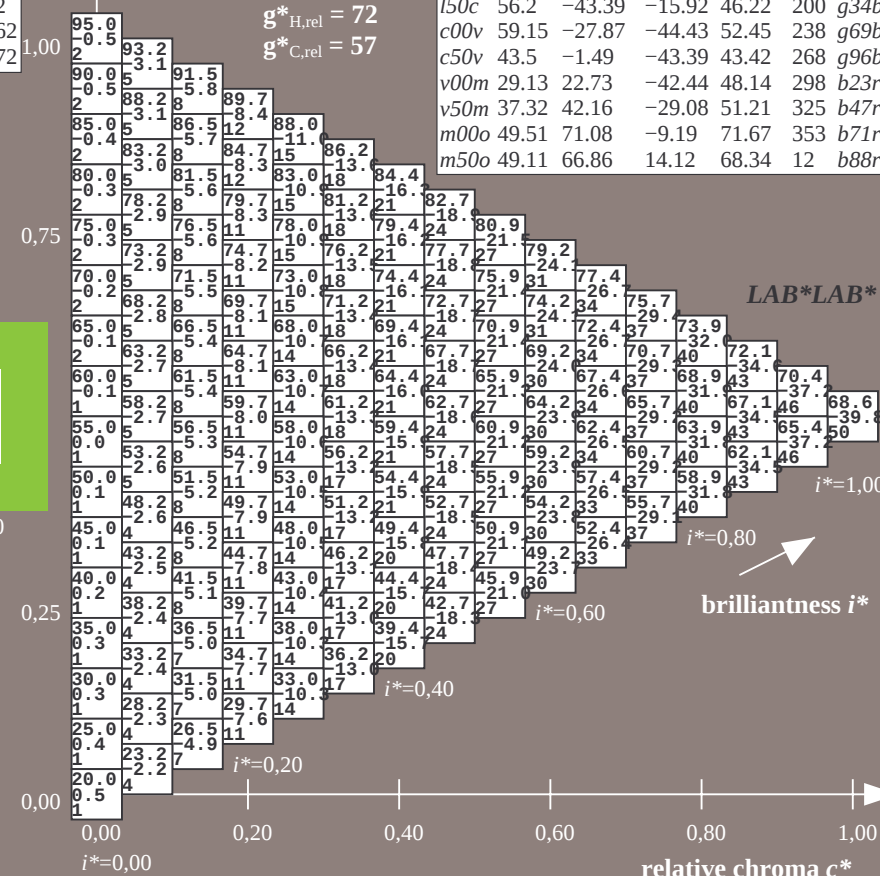
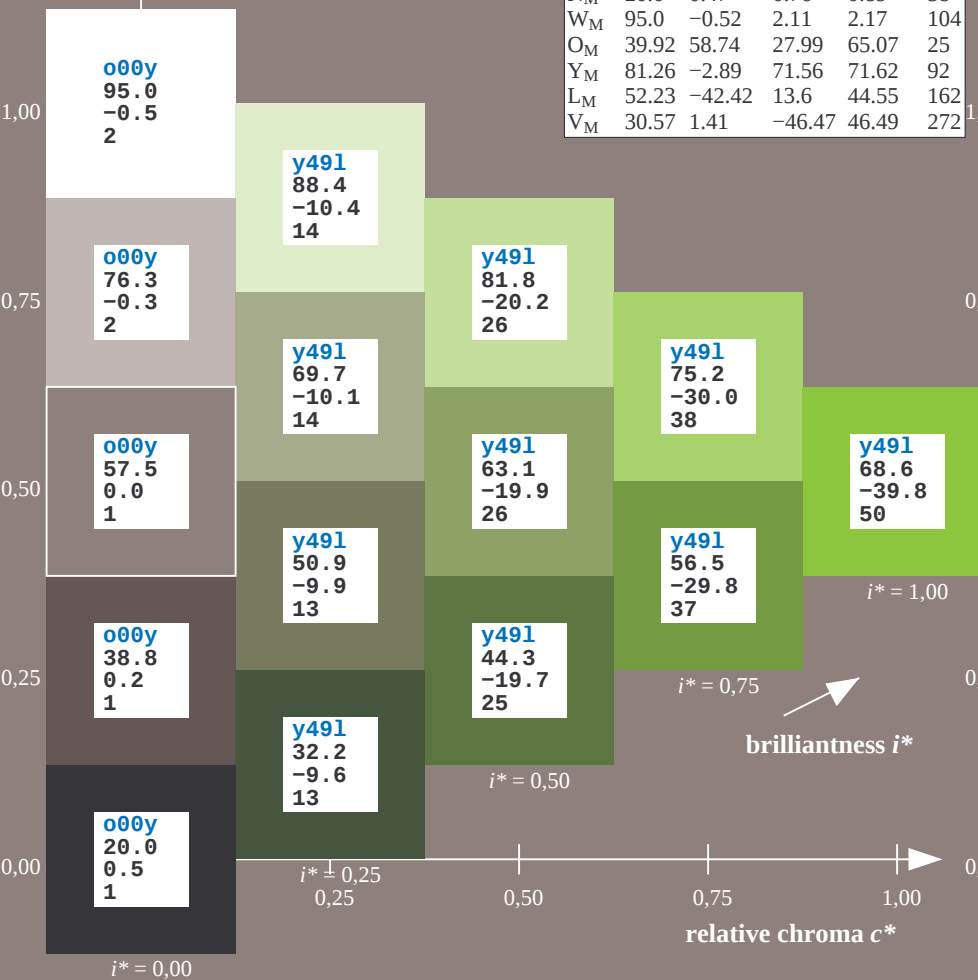
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$ data for any colour:

$u^*_d = y75l$
 LAB^*LAB^*

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

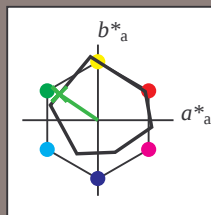
Hue texts:

$$u_d^* = y75l \quad u_e^* = j76g$$

contrast reduction factor:

$$c_p = 0.96$$
triangle lightness t^*

triangle rightness &



ORS20_95; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	16	
C _M	59.15	-27.92	-42.97	51.24	23	
V _M	29.13	23.07	-41.51	47.5	29	
M _M	49.51	71.15	-7.9	71.59	35	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	10	
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	16	
V _M	30.57	1.41	-46.47	46.49	27	

Data for maximum colour (Ma):

LAB*LAB*ME: 61 -51 34

LAB LAB Ma. 61	51	54
LAB*LGH*	61	115

LAB*LCH*Ma: 61 61 14

lab*olv*Ma: 0.25 1.0 0.0

*lab*rgb*_Ma*: 0.23 1.0 0.0

triangle lightness t^*

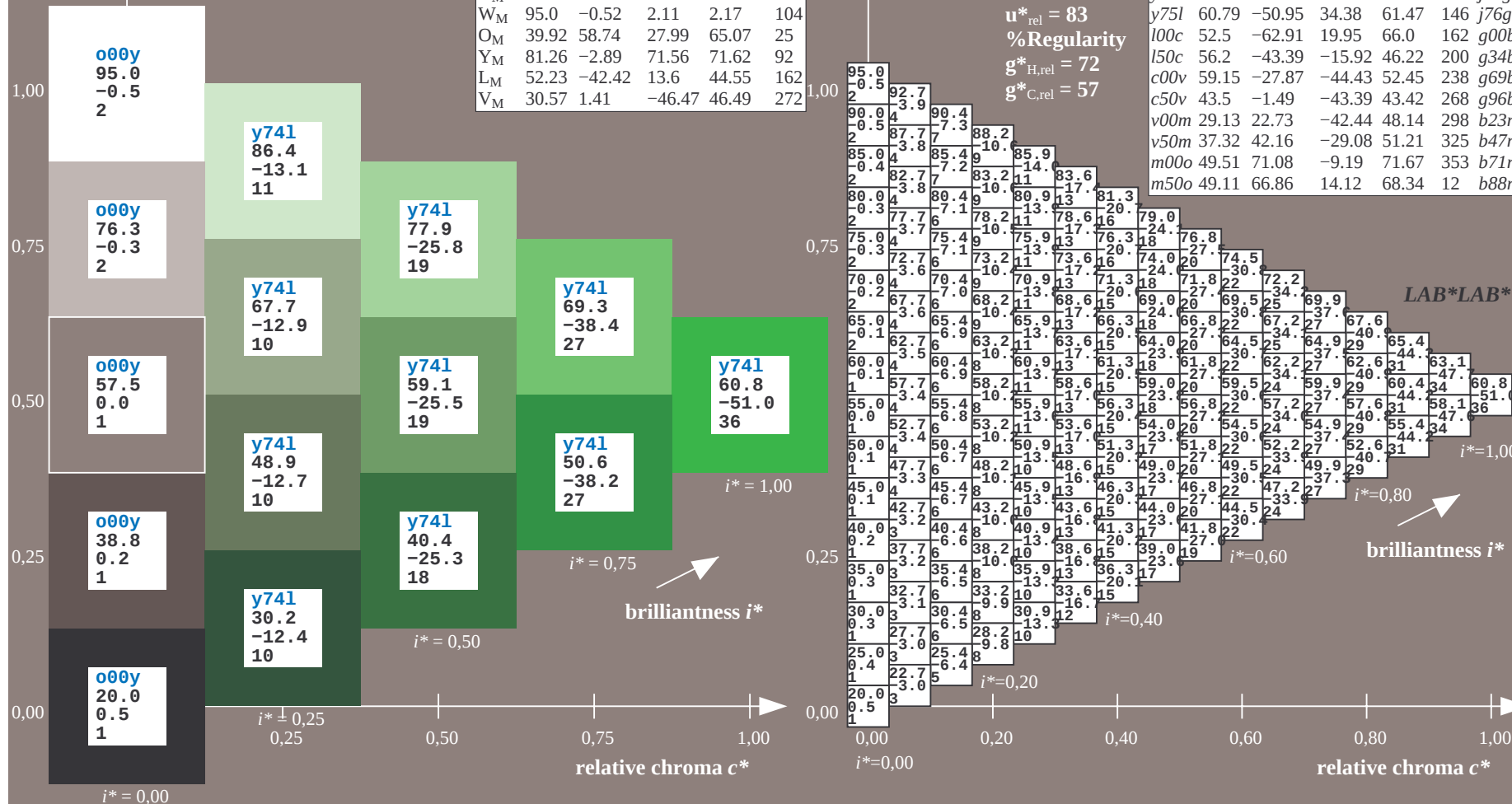
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 83$$

%Regularity

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	48.71	62.56	37.91	73.15	31	<i>r08j</i>	
<i>o25y</i>	58.6	44.87	49.14	66.54	48	<i>r33j</i>	
<i>o50y</i>	67.52	28.93	59.25	65.94	64	<i>r57j</i>	
<i>o75y</i>	77.05	11.9	70.06	71.06	80	<i>r81j</i>	
<i>y00l</i>	89.25	-9.92	83.91	84.49	97	<i>j06g</i>	
<i>y25l</i>	77.37	-27.05	63.23	68.78	113	<i>j30g</i>	
<i>y50l</i>	68.62	-39.67	48.0	62.27	130	<i>j53g</i>	
<i>y75l</i>	60.79	-50.95	34.38	61.47	146	<i>j76g</i>	
<i>l00c</i>	52.5	-62.91	19.95	66.0	162	<i>g00h</i>	
<i>l50c</i>	56.2	-43.39	-15.92	46.22	200	<i>g34h</i>	
<i>c00v</i>	59.15	-27.87	-44.43	52.45	238	<i>g69h</i>	
<i>c50v</i>	43.5	-1.49	-43.39	43.42	268	<i>g96h</i>	
<i>v00m</i>	29.13	22.73	-42.44	48.14	298	<i>b23n</i>	
<i>v50m</i>	37.32	42.16	-29.08	51.21	325	<i>b47n</i>	
<i>m00o</i>	49.51	71.08	-9.19	71.67	353	<i>b71n</i>	
<i>m50o</i>	49.11	66.86	14.12	68.34	12	<i>b88n</i>	



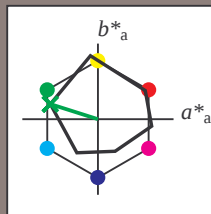
BAM-test chart Ee45; Colorimetric systems, Page 225/270
3 separations and 9 data tables for 16 hues *o00y* to *m75o*

```
input: 000n / w / nnn0 / www set...
output: ->cmy0* setcmykcolor
```

BAM registration: 20081001-Ee45/10L/L45E00NA.PS/.TXT BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 100c$ $u^*_e = g00b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 52 -63 20$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 52 66 162$

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

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

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	48.71	62.56	37.91	73.15	31	r08j		
o25y	58.6	44.87	49.14	66.54	48	r33j		
o50y	67.52	28.93	59.25	65.94	64	r57j		
o75y	77.05	11.9	70.06	71.06	80	r81j		
y00l	89.25	-9.92	83.91	84.49	97	j06g		
y25l	77.37	-27.05	63.23	68.78	113	j30g		
y50l	68.62	-39.67	48.0	62.27	130	j53g		
y75l	60.79	-50.95	34.38	61.47	146	j76g		
l00c	52.5	-62.91	19.95	66.0	162	g00b		
l50c	56.2	-43.39	-15.92	46.22	200	g34b		
c00v	59.15	-27.87	-44.43	52.45	238	g69b		
c50v	43.5	-1.49	-43.39	43.42	268	g96b		
v00m	29.13	22.73	-42.44	48.14	298	b23r		
v50m	37.32	42.16	-29.08	51.21	325	b47r		
m00o	49.51	71.08	-9.19	71.67	353	b71r		
m50o	49.11	66.86	14.12	68.34	12	b88r		

LAB^*LAB^*

$i^*=1.00$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

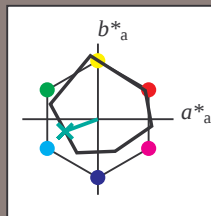
relative chroma c^*

brilliantness i^*

brilliantness i^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}: 56 -43 -16$

$\text{LAB}^*\text{LCH}^*_{Ma}: 56 46 200$

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

$\text{lab}^*\text{rgb}^*_{Ma}: 0.0 1.0 0.69$

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$			
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$			
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$			
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$			
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$			
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$			
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$			
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$			
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$			
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$			
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$			
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$			
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$			
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$			
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$			
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$			

$u^*_d = 150c$
 LAB^*LAB^*

LAB^*LAB^*

$i^*=1.00$

$i^*=0.80$

brilliantness i^*

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

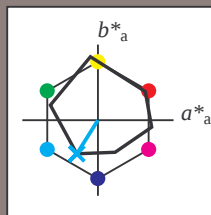
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.661$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 59 -28 -44

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 59 52 237

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.0 0.62 1.0

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

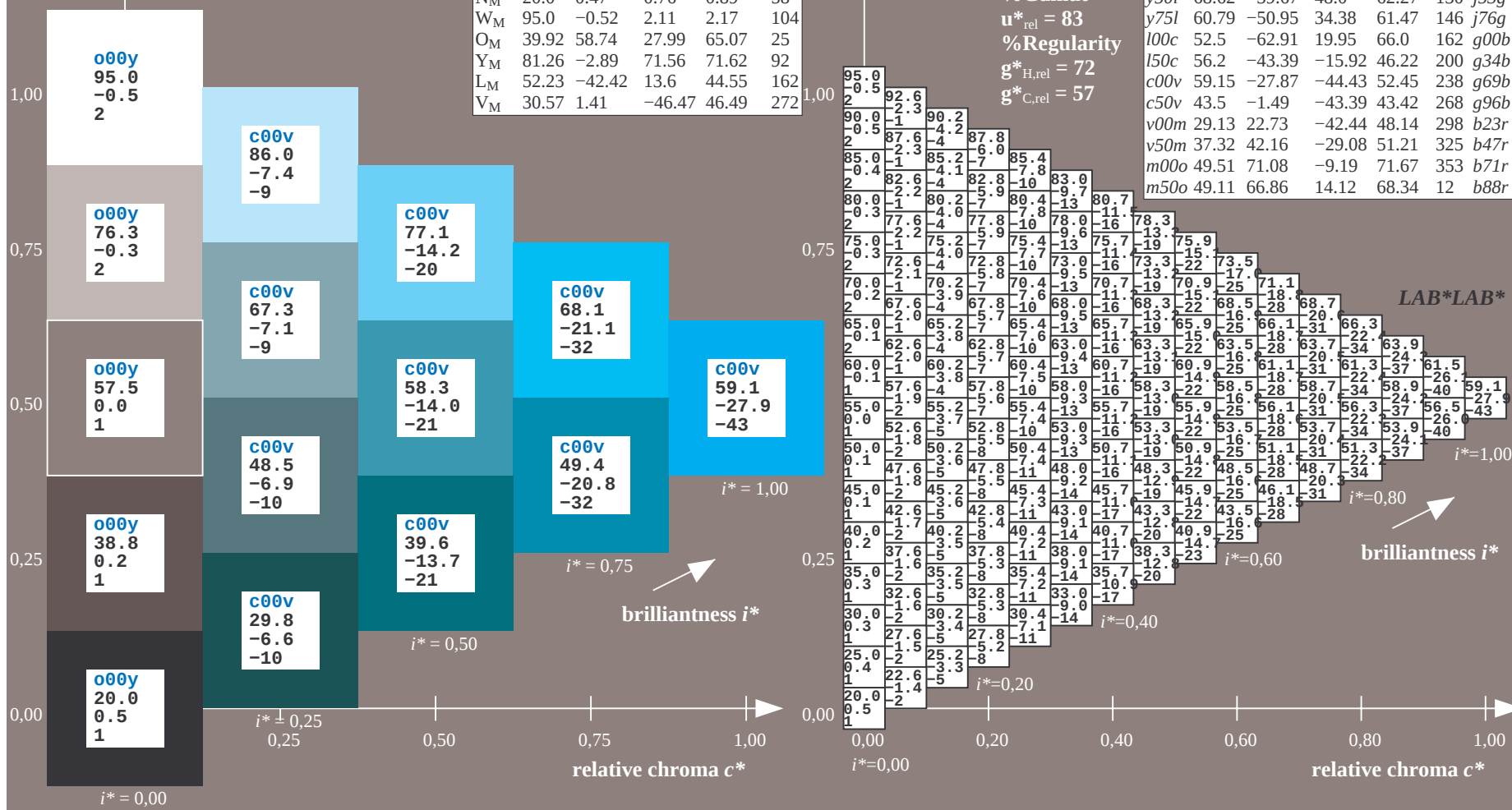
%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

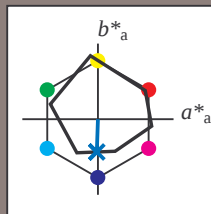
ORS20_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	48.71	62.56	37.91	73.15	31	r08j		
o25y	58.6	44.87	49.14	66.54	48	r33j		
o50y	67.52	28.93	59.25	65.94	64	r57j		
o75y	77.05	11.9	70.06	71.06	80	r81j		
y00l	89.25	-9.92	83.91	84.49	97	j06g		
y25l	77.37	-27.05	63.23	68.78	113	j30g		
y50l	68.62	-39.67	48.0	62.27	130	j53g		
y75l	60.79	-50.95	34.38	61.47	146	j76g		
l00c	52.5	-62.91	19.95	66.0	162	g00b		
l50c	56.2	-43.39	-15.92	46.22	200	g34b		
c00v	59.15	-27.87	-44.43	52.45	238	g69b		
c50v	43.5	-1.49	-43.39	43.42	268	g96b		
v00m	29.13	22.73	-42.44	48.14	298	b23r		
v50m	37.32	42.16	-29.08	51.21	325	b47r		
m00o	49.51	71.08	-9.19	71.67	353	b71r		
m50o	49.11	66.86	14.12	68.34	12	b88r		

$u^*_d = c00v$
 LAB^*LAB^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 43 -1 -43

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 43 43 268

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.0 0.07 1.0

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	48.71	62.56	37.91	73.15	31	r08j			
o25y	58.6	44.87	49.14	66.54	48	r33j			
o50y	67.52	28.93	59.25	65.94	64	r57j			
o75y	77.05	11.9	70.06	71.06	80	r81j			
y00l	89.25	-9.92	83.91	84.49	97	j06g			
y25l	77.37	-27.05	63.23	68.78	113	j30g			
y50l	68.62	-39.67	48.0	62.27	130	j53g			
y75l	60.79	-50.95	34.38	61.47	146	j76g			
l00c	52.5	-62.91	19.95	66.0	162	g00b			
l50c	56.2	-43.39	-15.92	46.22	200	g34b			
c00v	59.15	-27.87	-44.43	52.45	238	g69b			
c50v	43.5	-1.49	-43.39	43.42	268	g96b			
v00m	29.13	22.73	-42.44	48.14	298	b23r			
v50m	37.32	42.16	-29.08	51.21	325	b47r			
m00o	49.51	71.08	-9.19	71.67	353	b71r			
m50o	49.11	66.86	14.12	68.34	12	b88r			

LAB^*LAB^*

brilliantness i^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

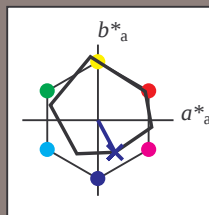
Hue texts:

$u^*_d = v00m$ $u^*_e = b23r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 29 23 -42

$\text{LAB}^*\text{LCH}^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

$u^*_d = v00m$

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^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.98$

data for any colour:

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

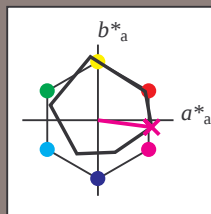
Hue texts:

$u^*_d = m00o$ $u^*_e = b71r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.71	62.65	39.19	73.89	32
Y _M	89.25	-10.36	85.91	86.53	97
L _M	52.5	-62.88	21.3	66.38	161
C _M	59.15	-27.92	-42.97	51.24	237
V _M	29.13	23.07	-41.51	47.5	299
M _M	49.51	71.15	-7.9	71.59	354
N _M	20.0	0.47	0.76	0.89	58
W _M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 50 \ 71 \ -9$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 50 \ 72 \ 352$

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

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

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = m00o$

LAB^*LAB^*

LAB^*LAB^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

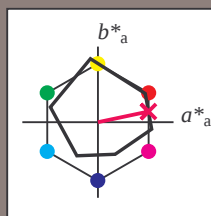
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 49\ 67\ 14$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 49\ 68\ 11$

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}: 1.0\ 0.0\ 0.24$

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative chroma c^*

relative chroma c^*

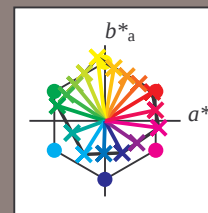
See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de/Ee45/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

	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	28.1	24.1	28.1	32.2	36.2	40.3	44.4	48.4	52.5	56.6	60.7	64.8	68.9	73.0	77.1	81.2	85.3	89.4	93.5	97.6	101.7	105.8	109.9	114.0	118.1	122.2	126.3	130.4	134.5	138.6	142.7	146.8	150.9	155.0	159.1	163.2	167.3	171.4	175.5	179.6	183.7	187.8	191.9	196.0	200.1	204.2	208.3	212.4	216.5	220.6	224.7	228.8	232.9	237.0	241.1	245.2	249.3	253.4	257.5	261.6	265.7	269.8	273.9	278.0	282.1	286.2	290.3	294.4	298.5	302.6	306.7	310.8	314.9	319.0	323.1	327.2	331.3	335.4	339.5	343.6	347.7	351.8	355.9	360.0	364.1	368.2	372.3	376.4	380.5	384.6	388.7	392.8	396.9	401.0	405.1	409.2	413.3	417.4	421.5	425.6	429.7	433.8	437.9	442.0	446.1	450.2	454.3	458.4	462.5	466.6	470.7	474.8	478.9	483.0	487.1	491.2	495.3	499.4	503.5	507.6	511.7	515.8	519.9	524.0	528.1	532.2	536.3	540.4	544.5	548.6	552.7	556.8	560.9	565.0	569.1	573.2	577.3	581.4	585.5	589.6	593.7	597.8	601.9	606.0	610.1	614.2	618.3	622.4	626.5	630.6	634.7	638.8	642.9	647.0	651.1	655.2	659.3	663.4	667.5	671.6	675.7	679.8	683.9	688.0	692.1	696.2	700.3	704.4	708.5	712.6	716.7	720.8	724.9	729.0	733.1	737.2	741.3	745.4	749.5	753.6	757.7	761.8	765.9	770.0	774.1	778.2	782.3	786.4	790.5	794.6	798.7	802.8	806.9	811.0	815.1	819.2	823.3	827.4	831.5	835.6	839.7	843.8	847.9	852.0	856.1	860.2	864.3	868.4	872.5	876.6	880.7	884.8	888.9	893.0	897.1	901.2	905.3	909.4	913.5	917.6	921.7	925.8	929.9	934.0	938.1	942.2	946.3	950.4	954.5	958.6	962.7	966.8	970.9	975.0	979.1	983.2	987.3	991.4	995.5	999.6	1003.7	1007.8	1011.9	1016.0	1020.1	1024.2	1028.3	1032.4	1036.5	1040.6	1044.7	1048.8	1052.9	1057.0	1061.1	1065.2	1069.3	1073.4	1077.5	1081.6	1085.7	1089.8	1093.9	1098.0	1102.1	1106.2	1110.3	1114.4	1118.5	1122.6	1126.7	1130.8	1134.9	1139.0	1143.1	1147.2	1151.3	1155.4	1159.5	1163.6	1167.7	1171.8	1175.9	1180.0	1184.1	1188.2	1192.3	1196.4	1200.5	1204.6	1208.7	1212.8	1216.9	1221.0	1225.1	1229.2	1233.3	1237.4	1241.5	1245.6	1249.7	1253.8	1257.9	1262.0	1266.1	1270.2	1274.3	1278.4	1282.5	1286.6	1290.7	1294.8	1298.9	1303.0	1307.1	1311.2	1315.3	1319.4	1323.5	1327.6	1331.7	1335.8	1339.9	1344.0	1348.1	1352.2	1356.3	1360.4	1364.5	1368.6	1372.7	1376.8	1380.9	1385.0	1389.1	1393.2	1397.3	1401.4	1405.5	1409.6	1413.7	1417.8	1421.9	1426.0	1430.1	1434.2	1438.3	1442.4	1446.5	1450.6	1454.7	1458.8	1462.9	1467.0	1471.1	1475.2	1479.3	1483.4	1487.5	1491.6	1495.7	1499.8	1503.9	1508.0	1512.1	1516.2	1520.3	1524.4	1528.5	1532.6	1536.7	1540.8	1544.9	1549.0	1553.1	1557.2	1561.3	1565.4	1569.5	1573.6	1577.7	1581.8	1585.9	1590.0	1594.1	1598.2	1602.3	1606.4	1610.5	1614.6	1618.7	1622.8	1626.9	1631.0	1635.1	1639.2	1643.3	1647.4	1651.5	1655.6	1659.7	1663.8	1667.9	1672.0	1676.1	1680.2	1684.3	1688.4	1692.5	1696.6	1700.7	1704.8	1708.9	1713.0	1717.1	1721.2	1725.3	1729.4	1733.5	1737.6	1741.7	1745.8	1749.9	1754.0	1758.1	1762.2	1766.3	1770.4	1774.5	1778.6	1782.7	1786.8	1790.9	1795.0	1799.1	1803.2	1807.3	1811.4	1815.5	1819.6	1823.7	1827.8	1831.9	1836.0	1840.1	1844.2	1848.3	1852.4	1856.5	1860.6	1864.7	1868.8	1872.9	1877.0	1881.1	1885.2	1889.3	1893.4	1897.5	1901.6	1905.7	1909.8	1913.9	1918.0	1922.1	1926.2	1930.3	1934.4	1938.5	1942.6	1946.7	1950.8	1954.9	1959.0	1963.1	1967.2	1971.3	1975.4	1979.5	1983.6	1987.7	1991.8	1995.9	1999.0	2003.1	2007.2	2011.3	2015.4	2019.5	2023.6	2027.7	2031.8	2035.9	2040.0	2044.1	2048.2	2052.3	2056.4	2060.5	2064.6	2068.7	2072.8	2076.9	2081.0	2085.1	2089.2	2093.3	2097.4	2101.5	2105.6	2109.7	2113.8	2117.9	2122.0	2126.1	2130.2	2134.3	2138.4	2142.5	2146.6	2150.7	2154.8	2158.9	2163.0	2167.1	2171.2	2175.3	2179.4	2183.5	2187.6	2191.7	2195.8	2200.0	2204.1	2208.2	2212.3	2216.4	2220.5	2224.6	2228.7	2232.8	2236.9	2241.0	2245.1	2249.2	2253.3	2257.4	2261.5	2265.6	2269.7	2273.8	2277.9	2282.0	2286.1	2290.2	2294.3	2298.4	2302.5	2306.6	2310.7	2314.8	2318.9	2323.0	2327.1	2331.2	2335.3	2339.4	2343.5	2347.6	2351.7	2355.8	2359.9	2364.0	2368.1	2372.2	2376.3	2380.4	2384.5	2388.6	2392.7	2396.8	2400.9	2405.0	2409.1	2413.2	2417.3	2421.4	2425.5	2429.6	2433.7	2437.8	2441.9	2446.0	2450.1	2454.2	2458.3	2462.4	2466.5	2470.6	2474.7	2478.8	2482.9	2487.0	2491.1	2495.2	2499.3	2503.4	2507.5	2511.6	2515.7	2519.8	2523.9	2528.0	2532.1	2536.2	2540.3	2544.4	2548.5	2552.6	2556.7	2560.8	2564.9	2569.0	2573.1	2577.2	2581.3	2585.4	2589.5	2593.6	2597.7	2601.8	2605.9	2610.0	2614.1	2618.2	2622.3	2626.4	2630.5	2634.6	2638.7	2642.8	2646.9	2651.0	2655.1	2659.2	2663.3	2667.4	2671.5	2675.6	2679.7	2683.8	2687.9	2692.0	2696.1	2700.2	2704.3	2708.4	2712.5	2716.6	2720.7	2724.8	2728.9	2733.0	2737.1	2741.2	2745.3	2749.4	2753.5	2757.6	2761.7	2765.8	2769.9	2774.0	2778.1	2782.2	2786.3	2790.4	2794.5	2798.6	2802.7	2806.8	2810.9	2815.0	2819.1	2823.2	2827.3	2831.4	2835.5	2839.6	2843.7	2847.8	2851.9	2856.0	2860.1	2864.2	2868.3	2872.4	2876.5	2880.6	2884.7	2888.8	2892.9	2897.0	2901.1	2905.2	2909.3	2913.4	2917.5	2921.6	2925.7	2929.8	2933.9	2938.0	2942.1	2946.2	2950.3	2954.4	2958.5	2962.6	2966.7	2970.8	2974.9	2979.0	2983.1	2987.2	2991.3	2995.4	2999.5	3003.6	3007.7	3011.8	3015.9	3020.0	3024.1	3028.2	3032.3	3036.4	3040.5	3044.6	3048.7	3052.8	3056.9	3061.0	3065.1	3069.2	3073.3	3077.4	3081.5	3085.6	3089.7	3093.8	3097.9	3102.0	3106.1	3110.2	3114.3	3118.4	3122.5	3126.6	3130.7	3134.8	3138.9	3143.0	3147.1	3151.2	3155.3	3159.4	3163.5	3167.6	3171.7	3175.8	3179.9	3184.0	3188.1	3192.2	3196.3	3200.4	3204.5	3208.6	3212.7	3216.8	3220.9	3225.0	3229.1	3233.2	3237.3	3241.4	3245.5	3249.6	3253.7	3257.8	3261.9	3266.0	3270.1	3274.2	3278.3	3282.4	3286.5	3290.6	3294.7	3298.8	3302.9	3307.0	3311.1	3315.2	3319.3	3323.4	3327.5	3331.6	3335.7	3339.8	3343.9	3348.0	3352.1	3356.2	3360.3	3364.4	3368.5	3372.6	3376.7	3380.8	3384.9	3389.0	3393.1	3397.2	3401.3	3405.4	3409.5	3413.6	3417.7	3421.8	3425.9	3430.0	3434.1	3438.2	3442.3	3446.4	3450.5	3454.6	3458.7	3462.8	3466.9	3471.0	3475.1	3479.2	3483.3	3487.4	3491.5	3495.6	3499.7	3503.8	3507.9	3512.0	3516.1	3520.2	3524.3	3528.4	3532.5	3536.6	3540.7	3544.8	3548.9	3553.0	3557.1	3561.2	3565.3	3569.4	3573.5	3577.6	3581.7	3585.8	3589.9	3594.0	3598.1	3602.2	3606.3	3610.4	3614.5	3618.6	3622.7	3626.8	3630.9	3635.0	3639.1	3643.2	3647.3	3651.4	3655.5	3659.6	3663.7	3667.8	3671.9	3676.0	3680.1	3684.2	3688.3	3692.4	3696.5	3700.6	3704.7	3708.8	3712.9	3717.0	3721.1	3725.2	3729.3	3733.4	3737.5	3741.6	3745.7	3749.8	3753.9	3758.0	3762.1	3766.2	3770.3	3774.4	3778.5	3782.6	3786.7	3790.8	3794.9	3799.0	3803.1	3807.2	3811.3	3815.4	3819.5	3823.6	3827.7	3831.8	3835.9	3840.0	3844.1	3848.2	3852.3	3856.4	3860.5	3864.6	3868.7	3872.8	3876.9	3881.0	3885.1	3889.2	3893.3	3897.4	3901.5	3905.6	3909.7	3913.8	3917.9	3922.0	3926.1	3930.2	3934.3	3938.4	3942.5	3946.6	3950.7	3954.8	3958.9	3963.0	3967.1	3971.2	3975.3	3979.4	3983.5	3987.6	3991.7	3995.8	3999.9	4004.0	4008.1	4012.2	4016.3	4020.4	4024.5	4028.6	4032.7	4036.8	4040.9	4045.0	4049.1	4053.2	4057.3	4061.4	4065.5	4069.6	4073.7	4077.8	4081.9	4086.0	4090.1	4094.2	4098.3	4102.4	4106.5	4110.6	4114.7	4118.8	4122.9	4127.0	4131.1	4135.2	4139.3	4143.4	4147.5	4151.6	4155.7	4159.8	4163.9	4168.0	4172.1	4176.2	4180.3	4184.4	4188.5	4192.6	4196.7	4200.8	4204.9	4209.0	4213.1	4217.2	4221.3	4225.4	4229.5	4233.6	4237.7	4241.8	4245.9	4250.0	4254.1	4258.2	4262.3	4266.4	4270.5	4274.6	4278.7	4282.8	4286.9	4291.0	4295.1	4299.2	4303.3	4307.4	4311.5	4315.6	4319.7	4323.8	4327.9	4332.0	4336.1	4340.2	4344.3	4348.4	4352.5	4356.6	4360.7	4364.8	4368.9	4373.0	4377.1	4381.2	4385.3	4389.4	4393.5	4397.6	4401.7	4405.8	4409.9	4414.0	4418.1	4422.2	4426.3	4430.4	4434.5	4438.6	4442.7	4446.8	4450.9	4455.0	4459.1	4463.2	4467.3	4471.4	4475.5	4479.6	4483.7	4487.8	4491.9	4496.0	4500.1	4504.2	4508.3	4512.4	4516.5	4520.6	4524.7	4528.8	4532.9	4537.0	4541.1	4545.2	4549.3

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:

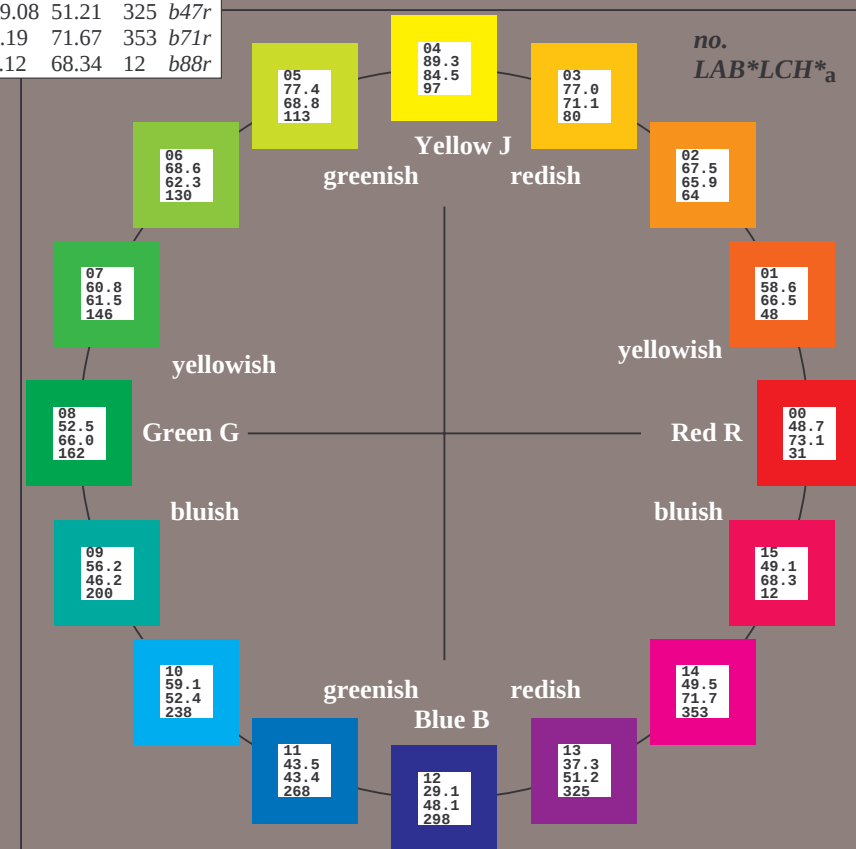
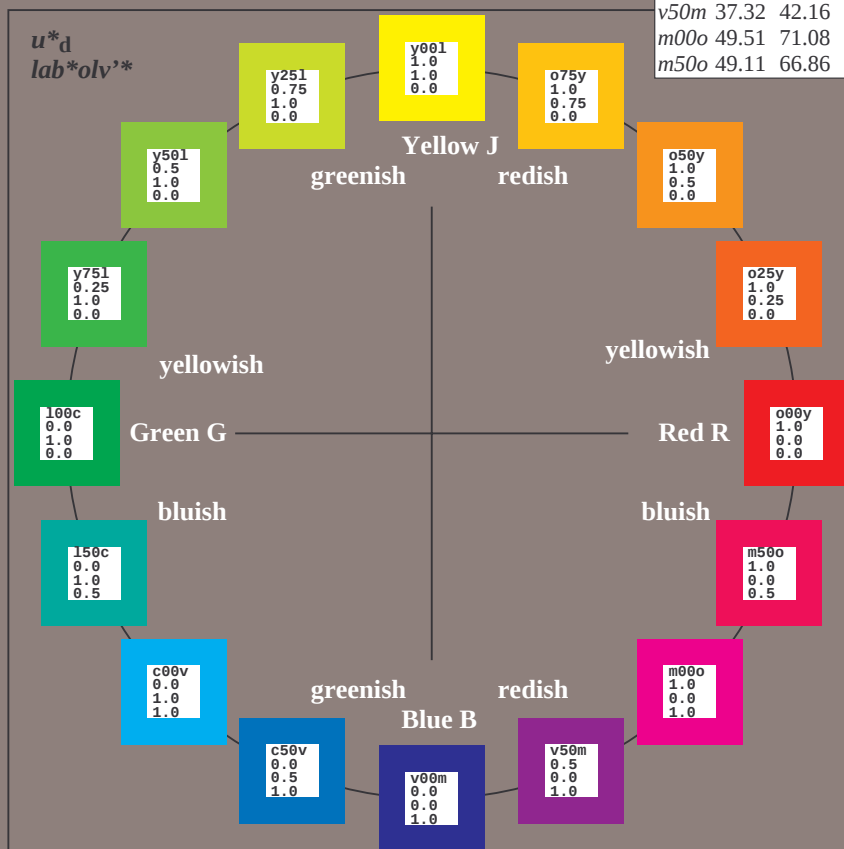
u^*_d and number $no.$ = 00 .. 15
device hue text:
 u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$
contrast reduction factor:
 $c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



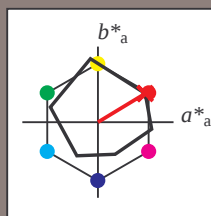
%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; CIELAB data					
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 49 63 38

$\text{LAB}^*\text{LCH}^*_{Ma}$: 49 73 31

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.09 0.0

triangle lightness t^*

% Gamut

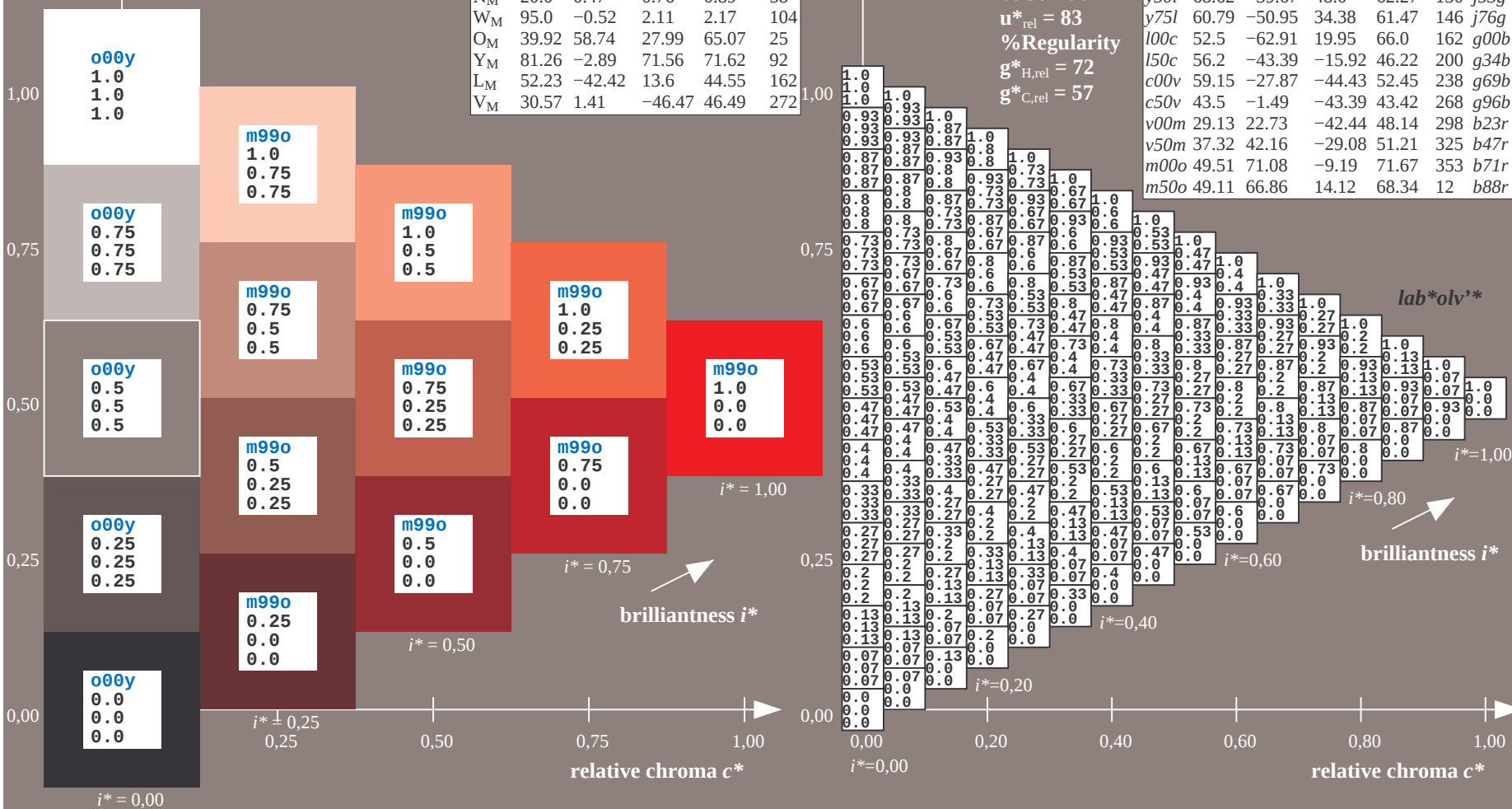
$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.132$

data for any colour:

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

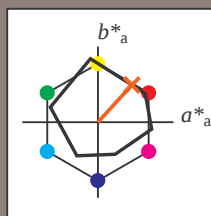
Hue texts:

$u^*_d = o25y$ $u^*_e = r33j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 45 49

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

%Gamut

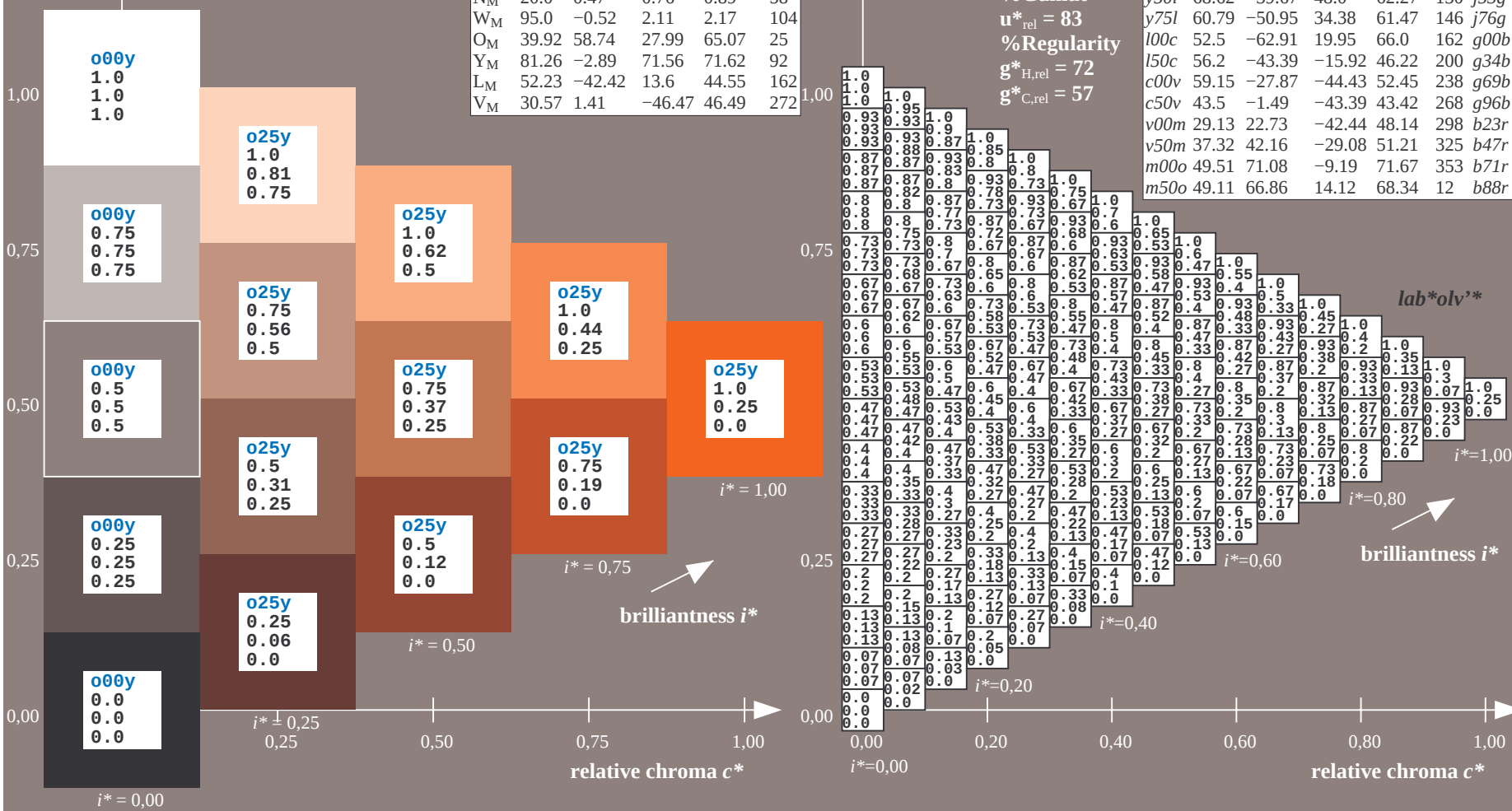
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

data for any colour:

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

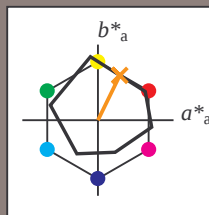
Hue texts:

$u^*_d = o50y$ $u^*_e = r57j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.71	62.65	39.19	73.89	32
Y _M	89.25	-10.36	85.91	86.53	97
L _M	52.5	-62.88	21.3	66.38	161
C _M	59.15	-27.92	-42.97	51.24	237
V _M	29.13	23.07	-41.51	47.5	299
M _M	49.51	71.15	-7.9	71.59	354
N _M	20.0	0.47	0.76	0.89	58
W _M	95.0	-0.52	2.11	2.17	104
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):

$LAB^*LAB^*_{Ma}$: 68 29 59

$LAB^*LCH^*_{Ma}$: 68 66 63

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

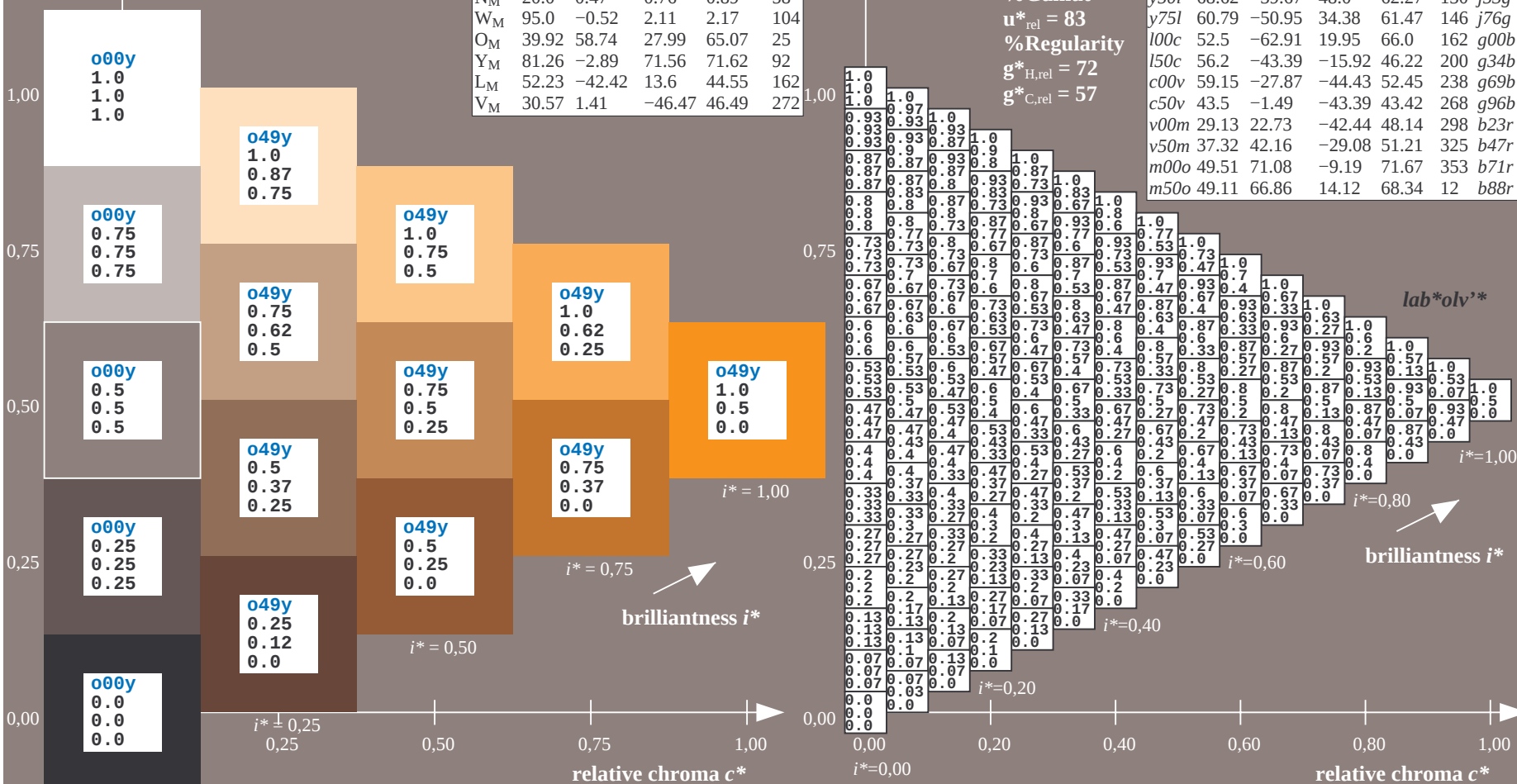
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

$u^*_d = o50y$
 $lab^*olv^*_{Ma}$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.223$

data for any colour:

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

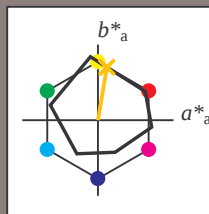
Hue texts:

$u^*_d = o75y$ $u^*_e = r81j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{Ma}: 77 \ 12 \ 70$

$\text{LAB}^*\text{LCH}^*_{Ma}: 77 \ 71 \ 80$

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.269$

data for any colour:

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

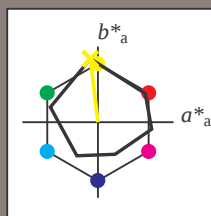
Hue texts:

$u^*_d = y00l$ $u^*_e = j06g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}: 89 -10 84$

$\text{LAB}^*\text{LCH}^*_{Ma}: 89 84 96$

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

$\text{lab}^*\text{rgb}^*_{Ma}: 0.94 1.0 0.0$

triangle lightness t^*

% Gamut

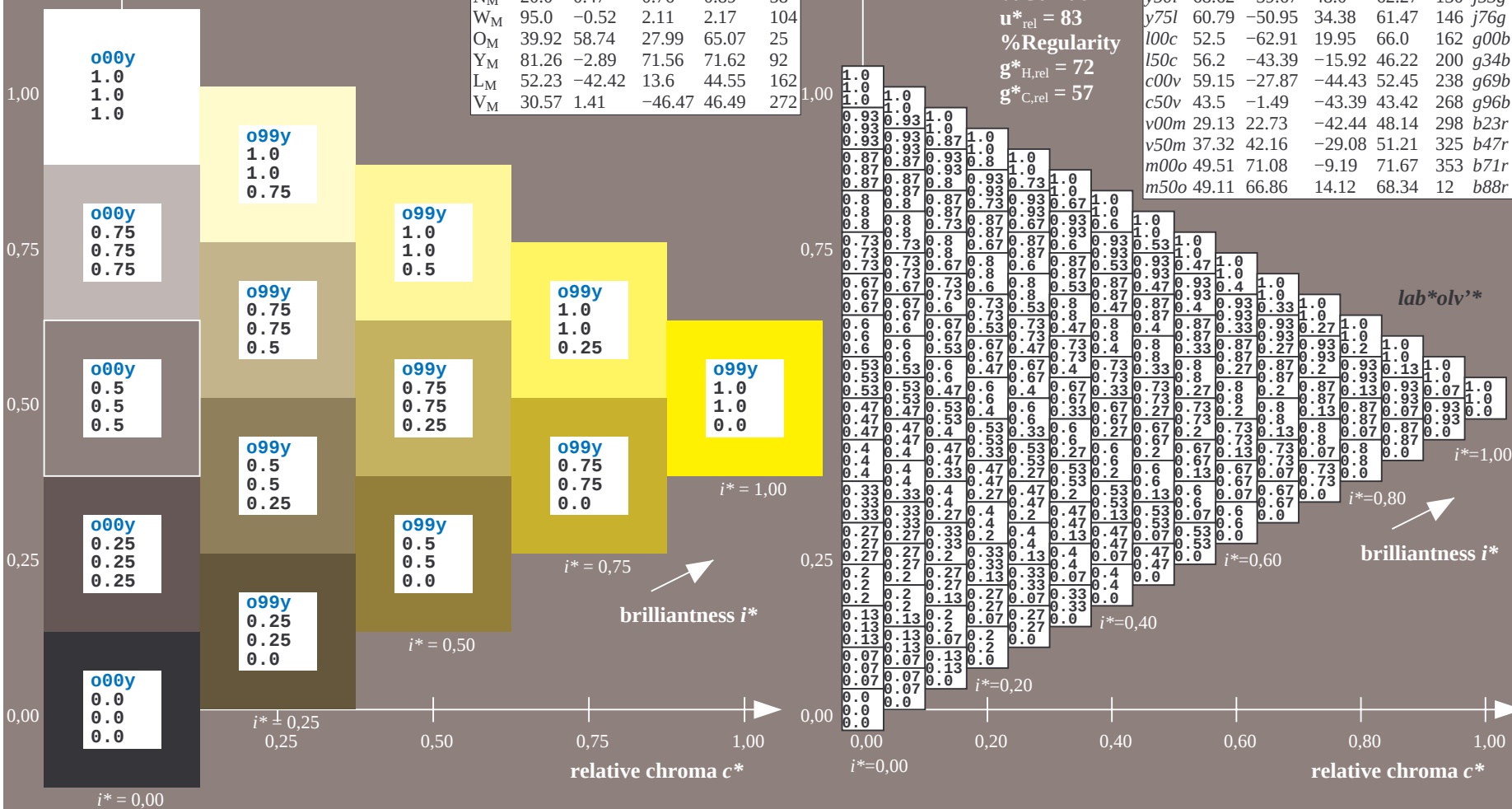
$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$	
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$	
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$	
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$	
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$	
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$	
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$	
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$	
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$	
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$	
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$	
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$	
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$	
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$	
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$	
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

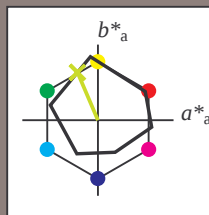
Hue texts:

$u^*_d = y25l$ $u^*_e = j30g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$LAB^*LAB^*Ma: 77 -27 63$

$LAB^*LCH^*Ma: 77 69 113$

$lab^*olv^*Ma: 0.75 1.0 0.0$

$lab^*rgb^*Ma: 0.7 1.0 0.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

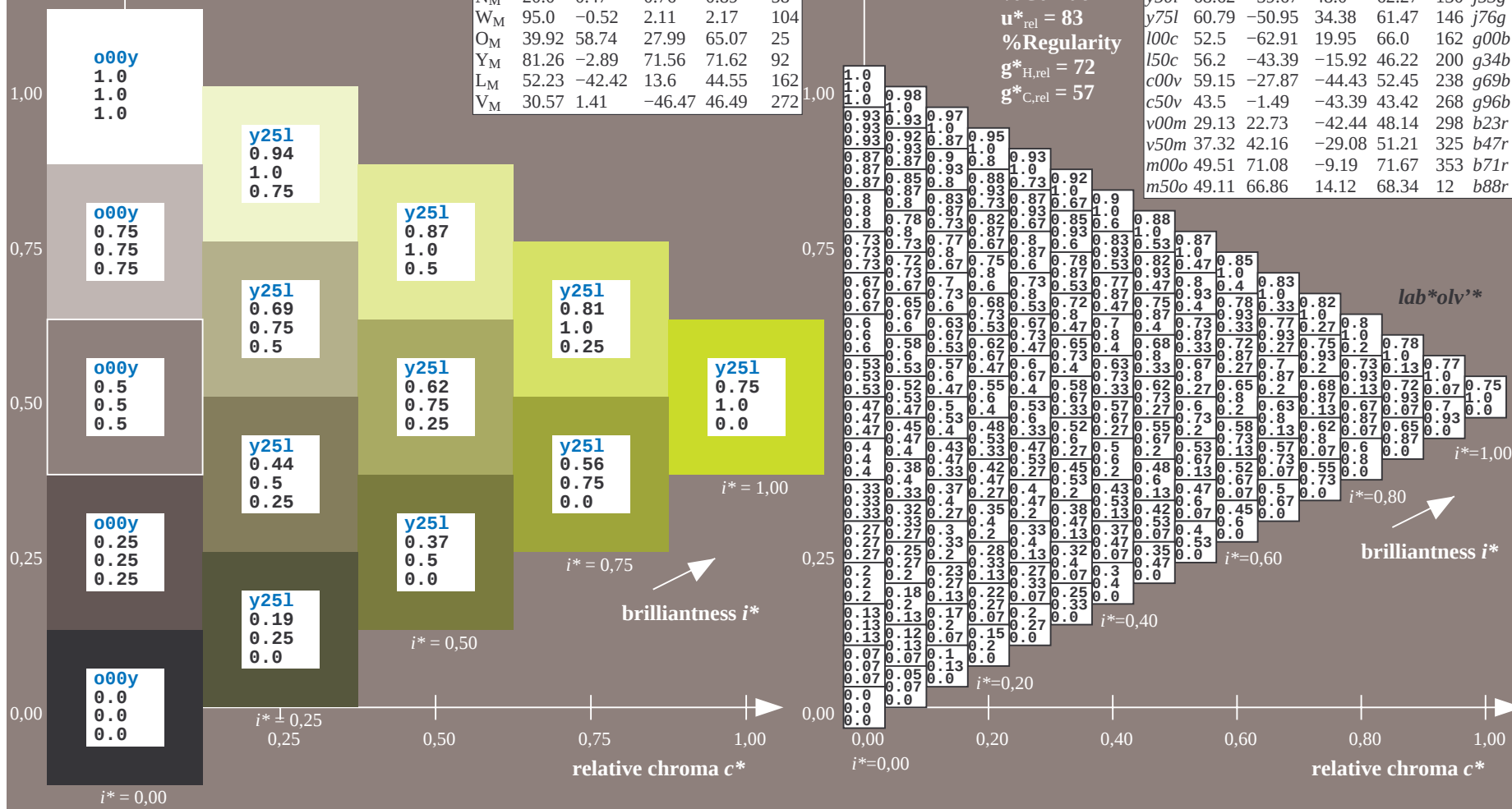
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

$u^*_d = y25l$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.36$

data for any colour:

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

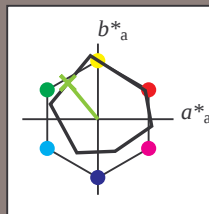
Hue texts:

$u^*_d = y50l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 69 -40 48

$\text{LAB}^*\text{LCH}^*_{Ma}$: 69 62 129

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.47 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.406$

data for any colour:

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

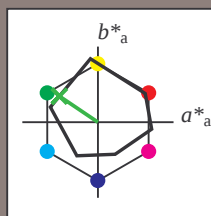
Hue texts:

$u^*_d = y75l$ $u^*_e = j76g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 61 -51 34

$\text{LAB}^*\text{LCH}^*_{Ma}$: 61 61 145

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$	
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$	
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$	
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$	
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$	
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$	
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$	
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$	
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$	
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$	
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$	
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$	
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$	
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$	
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$	
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$	

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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:

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

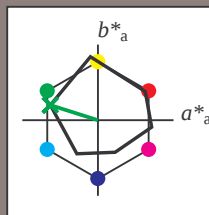
Hue texts:

$u^*_d = 100c$ $u^*_e = g00b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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 -63 20

LAB^*LCH^*Ma : 52 66 162

lab^*olv^*Ma : 0.0 1.0 0.0

lab^*rgb^*Ma : 0.0 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

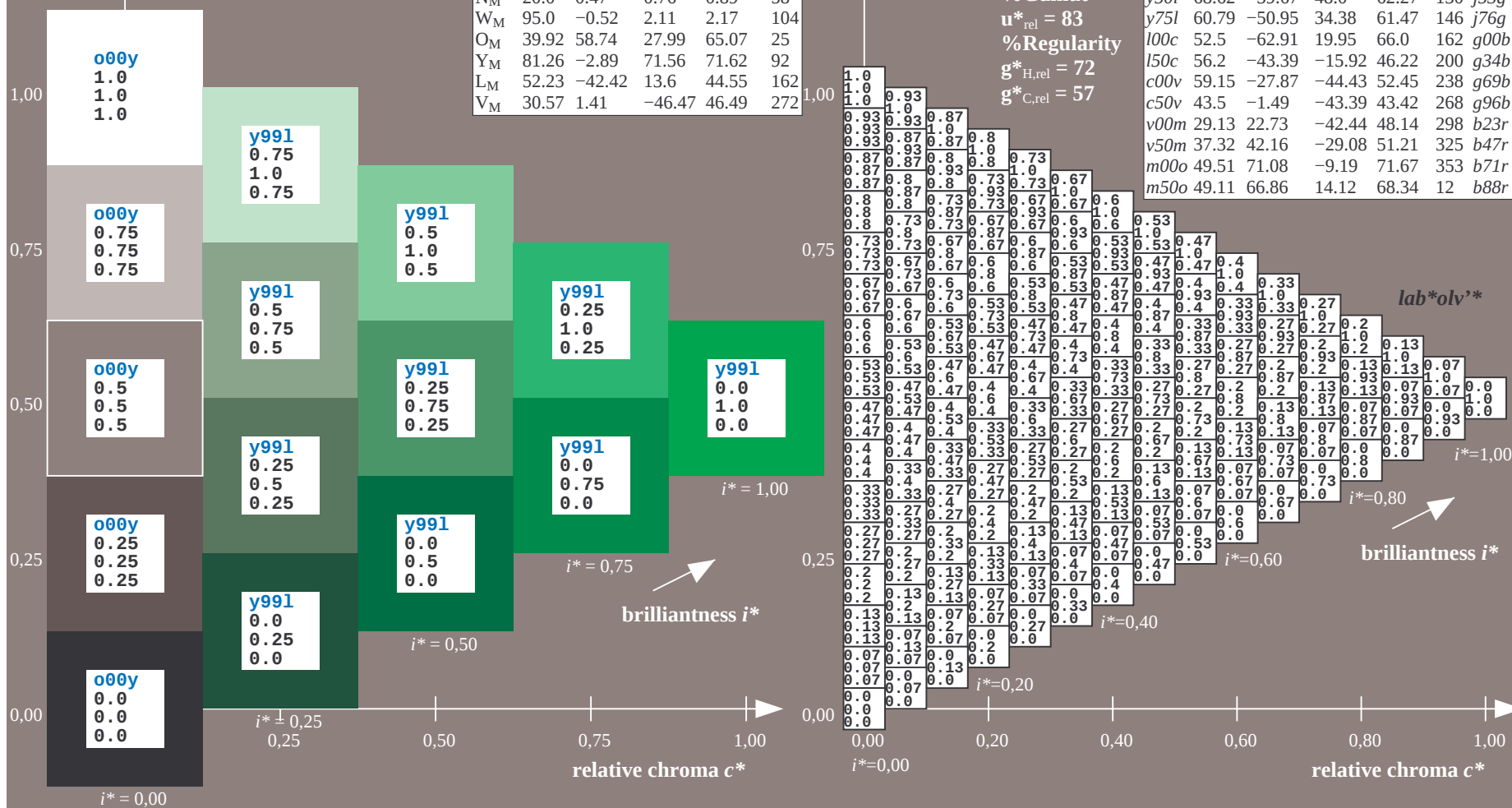
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

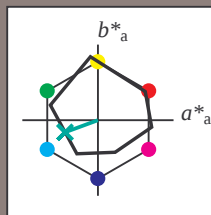
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

$u^*_d = 100c$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.71	62.65	39.19	73.89	32
Y _M	89.25	-10.36	85.91	86.53	97
L _M	52.5	-62.88	21.3	66.38	161
C _M	59.15	-27.92	-42.97	51.24	237
V _M	29.13	23.07	-41.51	47.5	299
M _M	49.51	71.15	-7.9	71.59	354
N _M	20.0	0.47	0.76	0.89	58
W _M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 56 -43 -16

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 56 46 200

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.0 1.0 0.69

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 83$

%Regularity

$g^*_{H,\text{rel}} = 72$

$g^*_{C,\text{rel}} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	

lab^*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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.661$

data for any colour:

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

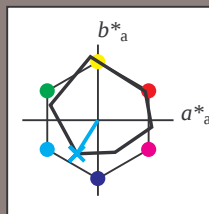
Hue texts:

$u^*_d = c00v$ $u^*_e = g69b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 -28 -44

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 52 237

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$

data for any colour:

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

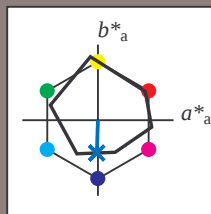
Hue texts:

$u^*_d = c50v$ $u^*_e = g96b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 43 -1 -43

$\text{LAB}^*\text{LCH}^*_{Ma}$: 43 43 268

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.07 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

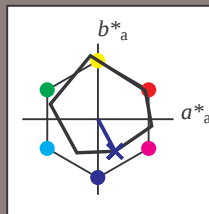
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.828$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 29 23 -42

$\text{LAB}^*\text{LCH}^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$		
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$		
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$		
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$		
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$		
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$		
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$		
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$		
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$		
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$		
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$		
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$		
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$		
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$		
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$		
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$		

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.904$

data for any colour:

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

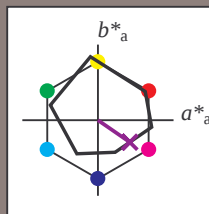
Hue texts:

$u^*_d = v50m$ $u^*_e = b47r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.71	62.65	39.19	73.89	32
Y _M	89.25	-10.36	85.91	86.53	97
L _M	52.5	-62.88	21.3	66.38	161
C _M	59.15	-27.92	-42.97	51.24	237
V _M	29.13	23.07	-41.51	47.5	299
M _M	49.51	71.15	-7.9	71.59	354
N _M	20.0	0.47	0.76	0.89	58
W _M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 37 42 -29

$\text{LAB}^*\text{LCH}^*_{Ma}$: 37 51 325

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.94 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 83$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	48.0	62.27	130	j53g
y75l	60.79	-50.95	34.38	61.47	146	j76g
l00c	52.5	-62.91	19.95	66.0	162	g00b
l50c	56.2	-43.39	-15.92	46.22	200	g34b
c00v	59.15	-27.87	-44.43	52.45	238	g69b
c50v	43.5	-1.49	-43.39	43.42	268	g96b
v00m	29.13	22.73	-42.44	48.14	298	b23r
v50m	37.32	42.16	-29.08	51.21	325	b47r
m00o	49.51	71.08	-9.19	71.67	353	b71r
m50o	49.11	66.86	14.12	68.34	12	b88r

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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$ data for any colour: Data for maximum colour (Ma):

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

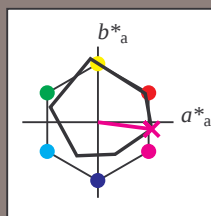
Hue texts:

$$u_d^* = m00o \quad u_e^* = b71r$$

contrast reduction factor:

$$c_p = 0.96$$
triangle lightness t^*

Figure 6



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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: 50 71 -9

LAB*LCH*M₂: 50 72 352

lab*oly*_M3: 1.0 0.0 1.0

$$lab*rag*M_3: 1.0 \quad 0.0 \quad 0.58$$
triangle lightness t^*

triangle rightness t

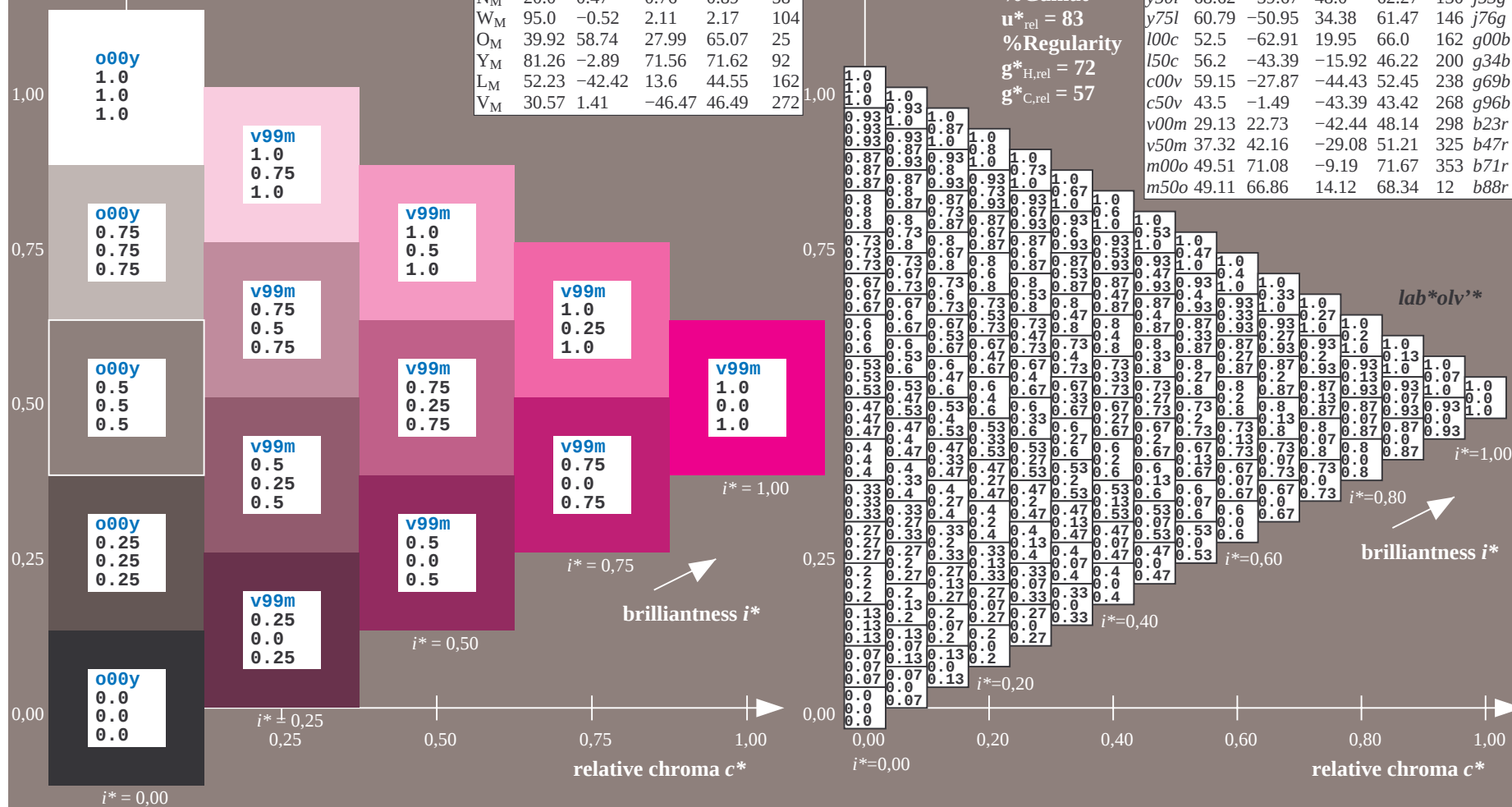
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 83$$

%Regularity

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS20_95a; adapted (a) CIELAB data							
u_d^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_e^*	
<i>o00y</i>	48.71	62.56	37.91	73.15	31	<i>r08i</i>	
<i>o25y</i>	58.6	44.87	49.14	66.54	48	<i>r33j</i>	
<i>o50y</i>	67.52	28.93	59.25	65.94	64	<i>r57j</i>	
<i>o75y</i>	77.05	11.9	70.06	71.06	80	<i>r81j</i>	
<i>y00l</i>	89.25	-9.92	83.91	84.49	97	<i>j06g</i>	
<i>y25l</i>	77.37	-27.05	63.23	68.78	113	<i>j30g</i>	
<i>y50l</i>	68.62	-39.67	48.0	62.27	130	<i>j53g</i>	
<i>y75l</i>	60.79	-50.95	34.38	61.47	146	<i>j76g</i>	
<i>l00c</i>	52.5	-62.91	19.95	66.0	162	<i>g00b</i>	
<i>l50c</i>	56.2	-43.39	-15.92	46.22	200	<i>g34b</i>	
<i>c00v</i>	59.15	-27.87	-44.43	52.45	238	<i>g69b</i>	
<i>c50v</i>	43.5	-1.49	-43.39	43.42	268	<i>g96b</i>	
<i>v00m</i>	29.13	22.73	-42.44	48.14	298	<i>b23r</i>	
<i>v50m</i>	37.32	42.16	-29.08	51.21	325	<i>b47r</i>	
<i>m00o</i>	49.51	71.08	-9.19	71.67	353	<i>b71r</i>	
<i>m50o</i>	49.11	66.86	14.12	68.34	12	<i>b88r</i>	



BAM-test chart Ee45; Colorimetric systems, Page 250/270
3 separations and 9 data tables for 16 hues *o00y* to *m75o*

```
input: 000n / w / nnn0 / www set...
output: ->cmY0* setcmykcolor
```

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

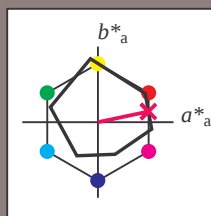
Hue texts:

$u^*_d = m50o$ $u^*_e = b88r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 49 67 14

$\text{LAB}^*\text{LCH}^*_{Ma}$: 49 68 11

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.0 0.24

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$	
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$	
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$	
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$	
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$	
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$	
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$	
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$	
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$	
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$	
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$	
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$	
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$	
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$	
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$	
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$	

$u^*_d = m50o$
 lab^*olv^*

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

See for similar files: <http://www.ps.bam.de/Ee45/>; www.ps.bam.de
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

	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*oly**	
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

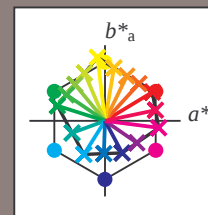
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



%Gamut

$u^*_{rel} = 83$

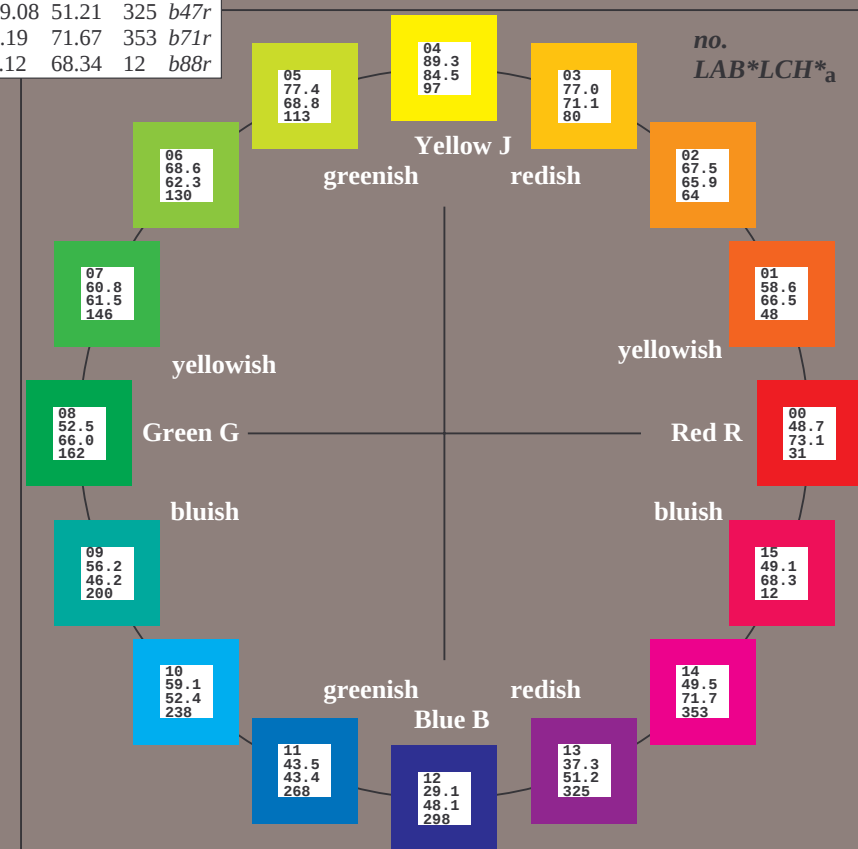
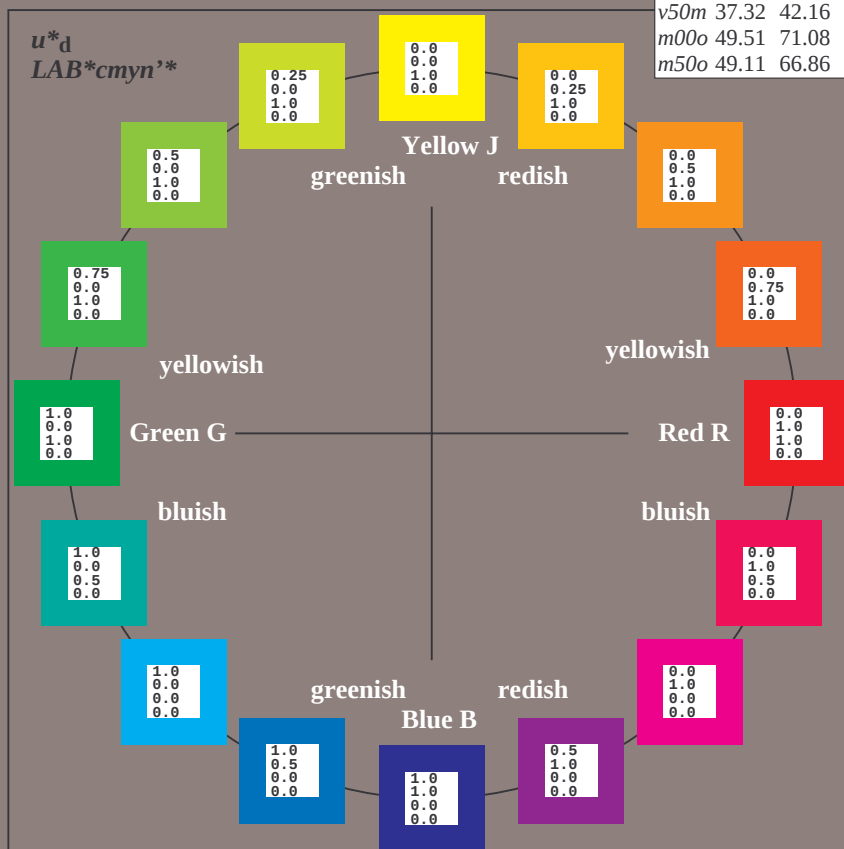
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

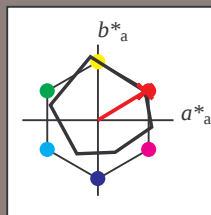
ORS20_95a; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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 ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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 : 49 63 38

LAB^*LCH^*Ma : 49 73 31

lab^*olv^*Ma : 1.0 0.0 0.0

lab^*rgb^*Ma : 1.0 0.09 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$	
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$	
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$	
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$	
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$	
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$	
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$	
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$	
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$	
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$	
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$	
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$	
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$	
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$	
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$	
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$	

LAB^*cmyn^*

$i^*=1.00$

$i^*=0.80$

brilliantness i^*

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

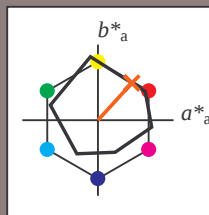
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.132$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o25y$ $u^*_e = r33j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 45 49

$\text{LAB}^*\text{LCH}^*_{Ma}$: 59 67 47

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$	
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$	
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$	
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$	
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$	
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$	
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$	
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$	
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$	
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$	
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$	
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$	
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$	
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$	
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$	
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$	

$\text{LAB}^*\text{cmy}n^*_{**}$

$i^*=1.00$

$i^*=0.80$

brilliantness i^*

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

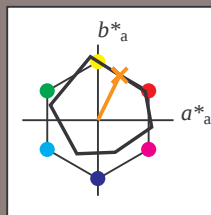
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.178$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o50y$ $u^*_e = r57j$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 68 29 59

$\text{LAB}^*\text{LCH}^*_{Ma}$: 68 66 63

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$	
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$	
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$	
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$	
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$	
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$	
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$	
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$	
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$	
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$	
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$	
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$	
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$	
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$	
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$	
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$	

$\text{LAB}^*\text{cmyn}^*$

$i^* = 1.00$

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 ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.223$

data for any colour:

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

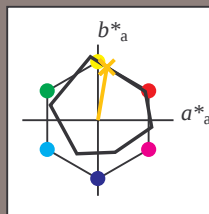
Hue texts:

$u^*_d = o75y$ $u^*_e = r81j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 77 12 70

$\text{LAB}^*\text{LCH}^*_{Ma}$: 77 71 80

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

$\text{LAB}^*\text{cmyn}^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

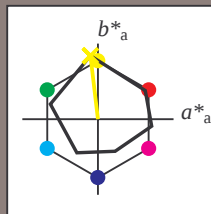
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$LAB^*LAB^*_{Ma}$: 89 -10 84

$LAB^*LCH^*_{Ma}$: 89 84 96

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

$lab^*rgb^*_{Ma}$: 0.94 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

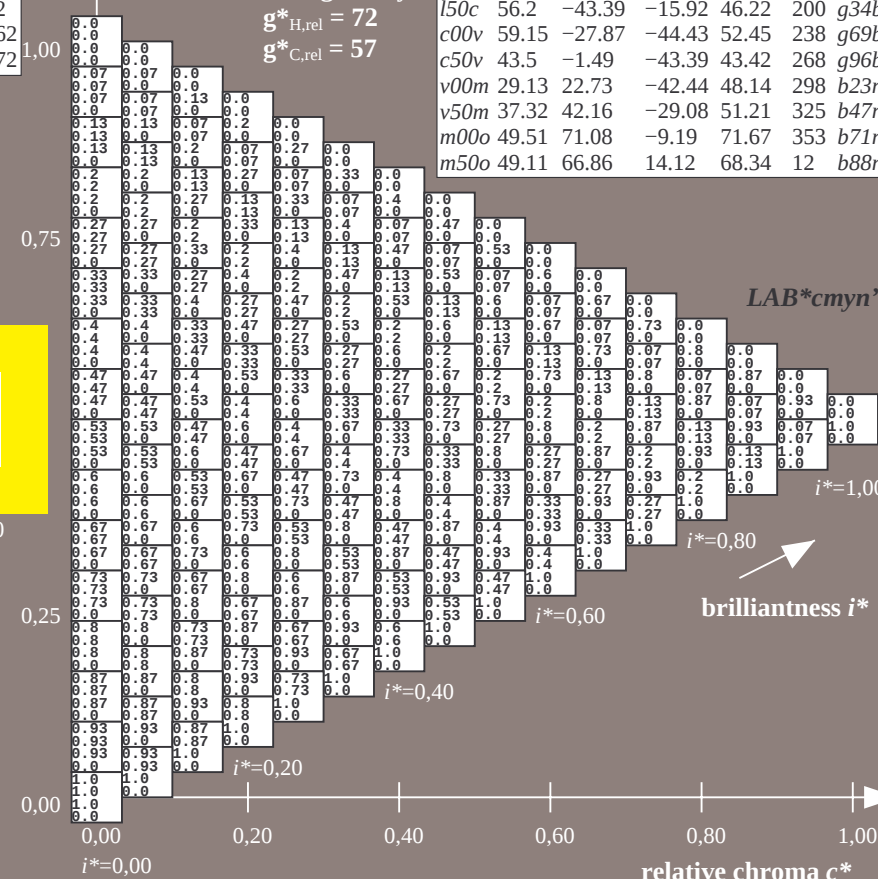
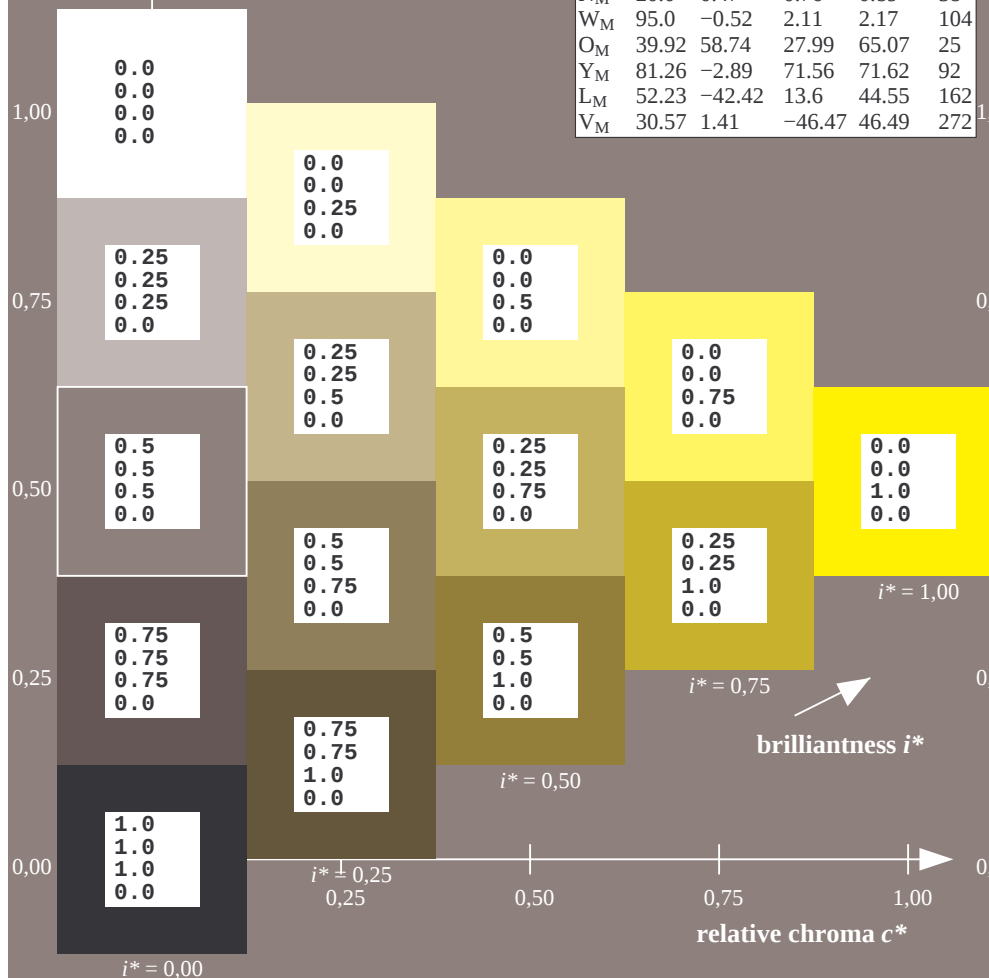
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

$u^*_d = y00l$
 LAB^*cmyn^*

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

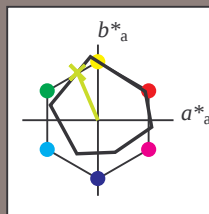
Hue texts:

$u^*_d = y25l$ $u^*_e = j30g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 77 -27 63

$\text{LAB}^*\text{LCH}^*_{Ma}$: 77 69 113

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.7 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

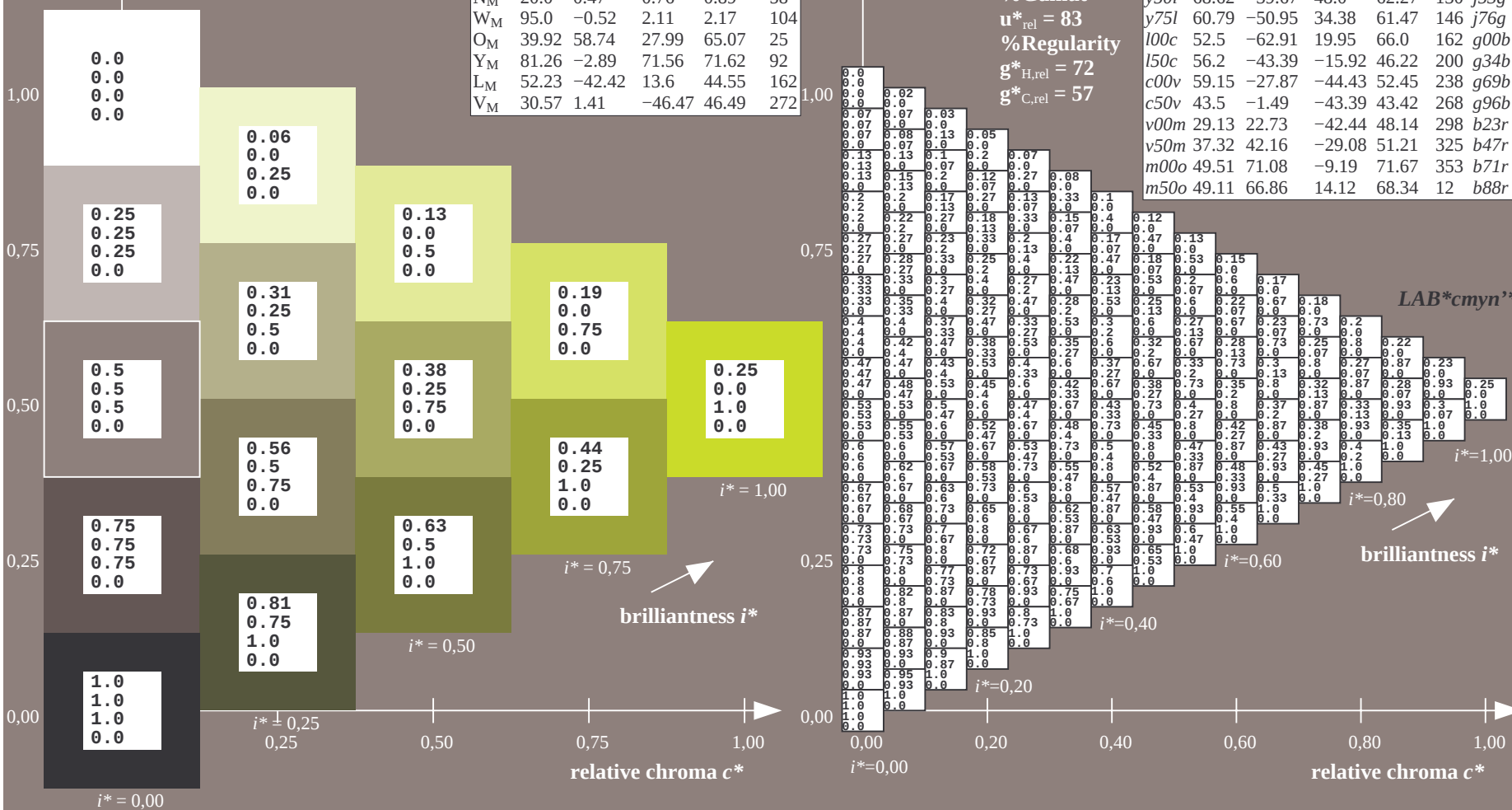
$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

$u^*_d = y25l$
 $\text{LAB}^*\text{cmyn}^*$

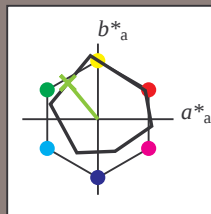
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.36$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 69 -40 48

$\text{LAB}^*\text{LCH}^*_{Ma}$: 69 62 129

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.47 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

$u^*_d = y50l$
 $\text{LAB}^*\text{cmyn}^*$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	48.71	62.56	37.91	73.15	31	r08j	
o25y	58.6	44.87	49.14	66.54	48	r33j	
o50y	67.52	28.93	59.25	65.94	64	r57j	
o75y	77.05	11.9	70.06	71.06	80	r81j	
y00l	89.25	-9.92	83.91	84.49	97	j06g	
y25l	77.37	-27.05	63.23	68.78	113	j30g	
y50l	68.62	-39.67	48.0	62.27	130	j53g	
y75l	60.79	-50.95	34.38	61.47	146	j76g	
l00c	52.5	-62.91	19.95	66.0	162	g00b	
l50c	56.2	-43.39	-15.92	46.22	200	g34b	
c00v	59.15	-27.87	-44.43	52.45	238	g69b	
c50v	43.5	-1.49	-43.39	43.42	268	g96b	
v00m	29.13	22.73	-42.44	48.14	298	b23r	
v50m	37.32	42.16	-29.08	51.21	325	b47r	
m00o	49.51	71.08	-9.19	71.67	353	b71r	
m50o	49.11	66.86	14.12	68.34	12	b88r	

$\text{LAB}^*\text{cmyn}^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.406$

data for any colour:

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

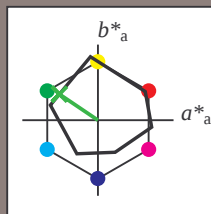
Hue texts:

$u^*_d = y75l$ $u^*_e = j76g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 61 -51 34

$\text{LAB}^*\text{LCH}^*_{Ma}$: 61 61 145

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.23 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

$\text{LAB}^*\text{cmyn}^*$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

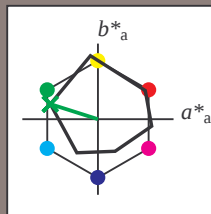
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 100c$ $u^*_e = g00b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}: 52 -63 20$

$\text{LAB}^*\text{LCH}^*_{Ma}: 52 66 162$

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

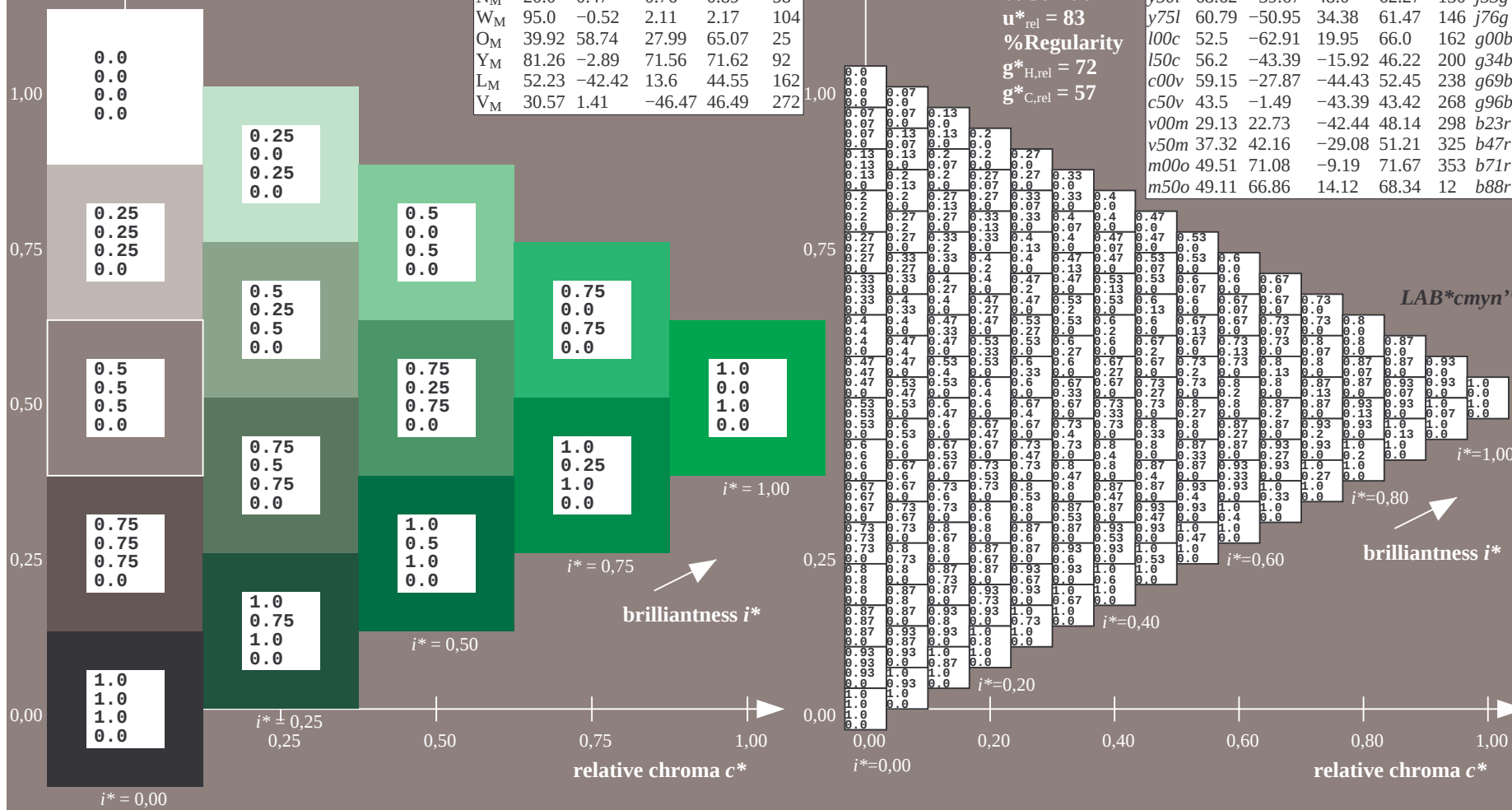
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

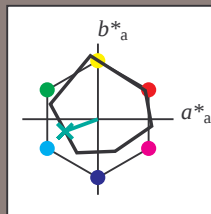
$u^*_d = 100c$
 $\text{LAB}^*\text{cmyn}^*_{**}$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$	
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$	
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$	
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$	
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$	
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$	
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$	
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$	
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$	
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$	
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$	
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$	
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$	
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$	
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$	
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.556$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = l50c$ $u^*_e = g34b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 56 -43 -16

$\text{LAB}^*\text{LCH}^*_{Ma}$: 56 46 200

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

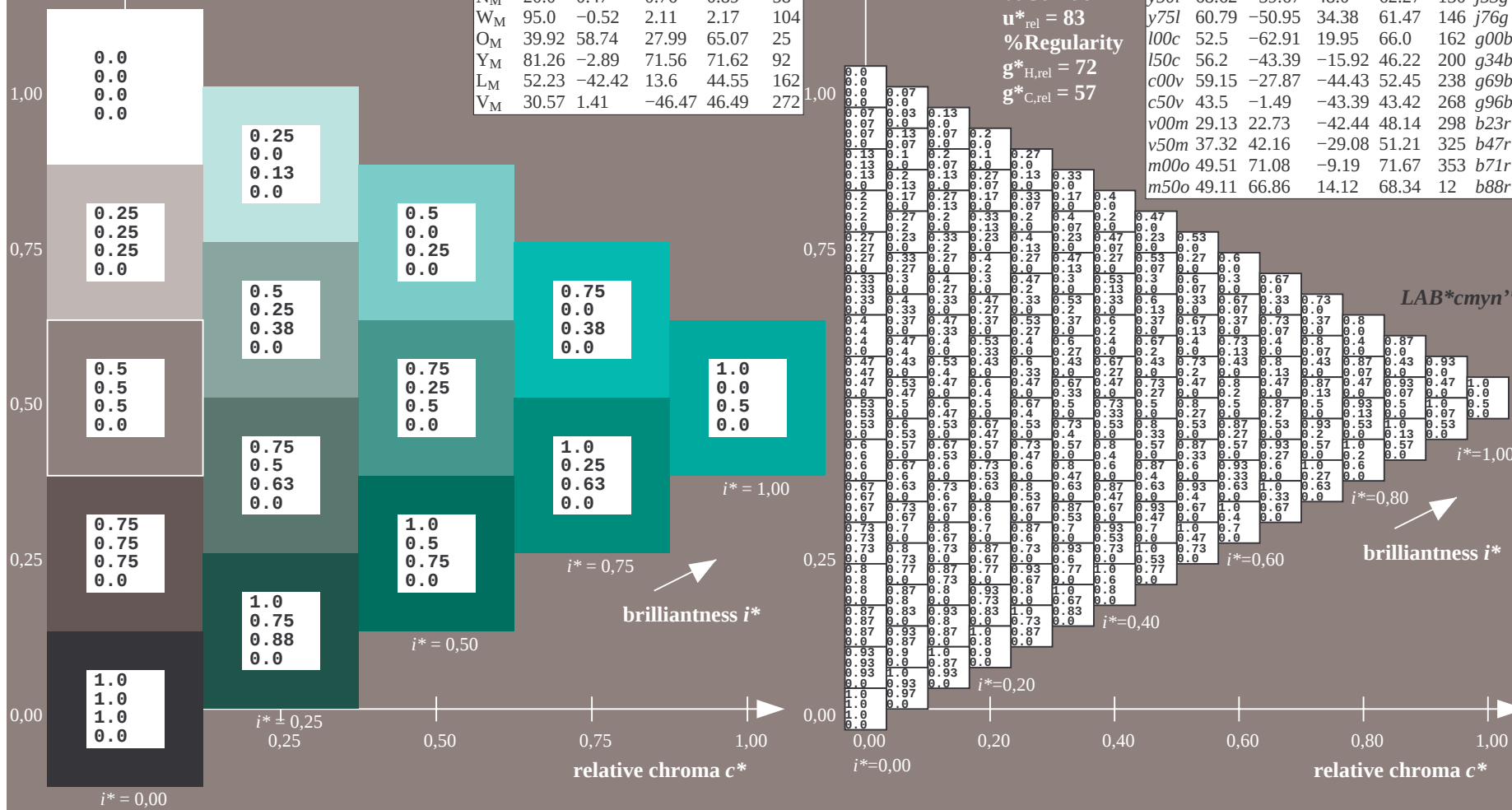
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

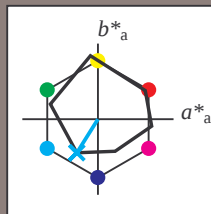
$u^*_d = l50c$
 $\text{LAB}^*\text{cmyn}^*$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$	
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$	
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$	
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$	
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$	
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$	
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$	
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$	
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$	
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$	
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$	
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$	
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$	
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$	
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$	
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.661$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 59 -28 -44
 $\text{LAB}^*\text{LCH}^*_{Ma}$: 59 52 237
 $\text{lab}^*\text{olv}^*_{Ma}$: 0.0 1.0 1.0
 $\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.62 1.0
triangle lightness t^*

% Gamut
 $u^*_{rel} = 83$
% Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	48.71	62.56	37.91	73.15	31	r08j			
o25y	58.6	44.87	49.14	66.54	48	r33j			
o50y	67.52	28.93	59.25	65.94	64	r57j			
o75y	77.05	11.9	70.06	71.06	80	r81j			
y00l	89.25	-9.92	83.91	84.49	97	j06g			
y25l	77.37	-27.05	63.23	68.78	113	j30g			
y50l	68.62	-39.67	48.0	62.27	130	j53g			
y75l	60.79	-50.95	34.38	61.47	146	j76g			
l00c	52.5	-62.91	19.95	66.0	162	g00b			
l50c	56.2	-43.39	-15.92	46.22	200	g34b			
c00v	59.15	-27.87	-44.43	52.45	238	g69b			
c50v	43.5	-1.49	-43.39	43.42	268	g96b			
v00m	29.13	22.73	-42.44	48.14	298	b23r			
v50m	37.32	42.16	-29.08	51.21	325	b47r			
m00o	49.51	71.08	-9.19	71.67	353	b71r			
m50o	49.11	66.86	14.12	68.34	12	b88r			

$\text{LAB}^*\text{cmyn}^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

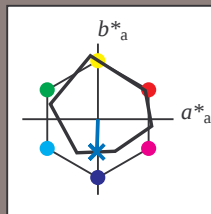
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 43 -1 -43

$\text{LAB}^*\text{LCH}^*_{Ma}$: 43 43 268

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

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.0 0.07 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

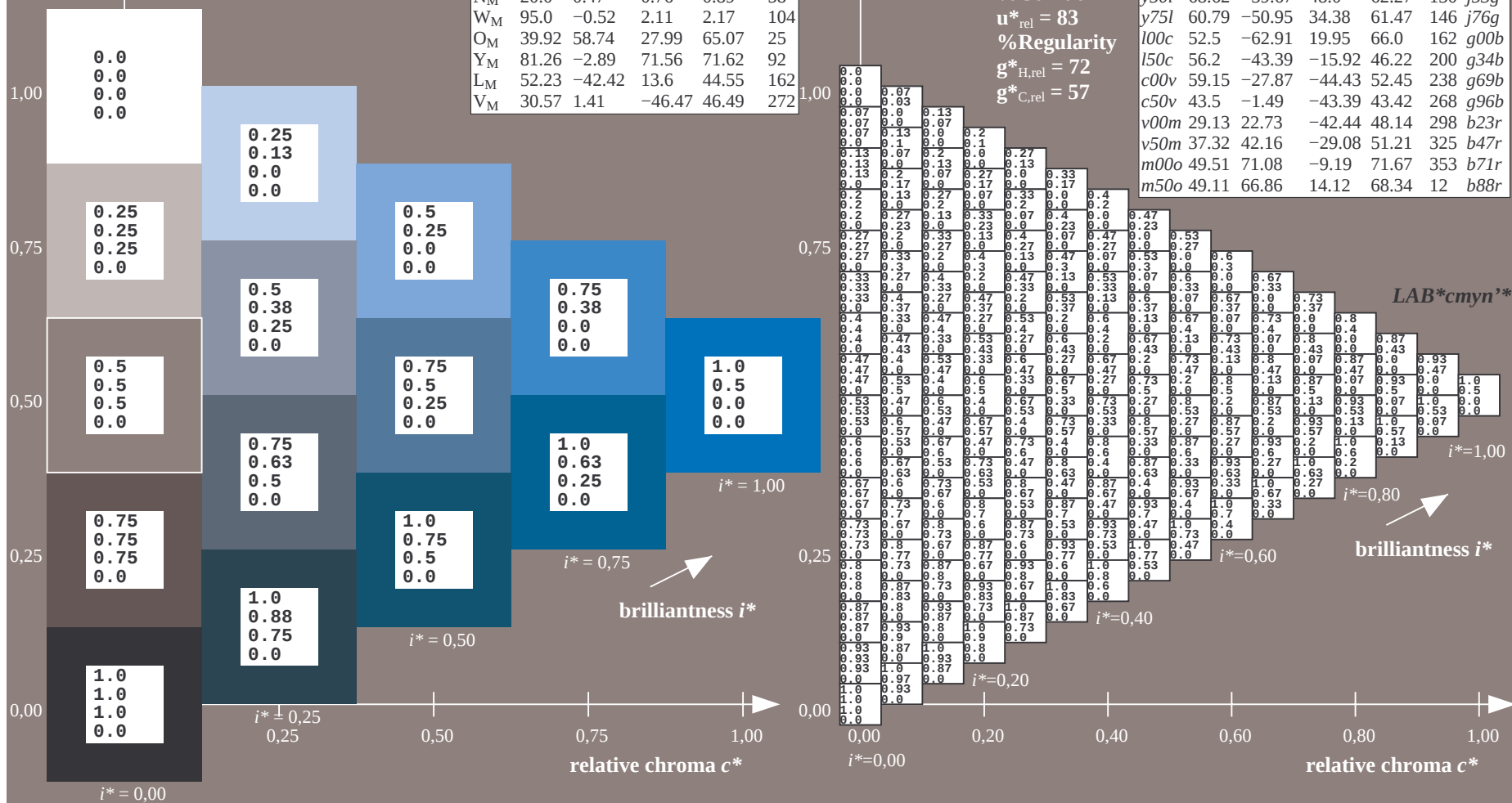
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

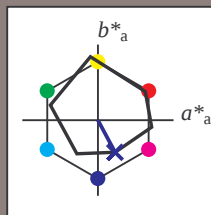
$u^*_d = c50v$
 $\text{LAB}^*\text{cmyn}^*$

ORS20_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$		
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$		
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$		
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$		
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$		
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$		
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$		
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$		
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$		
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$		
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$		
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$		
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$		
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$		
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$		
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$		



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.828$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	95.0	-0.52	2.11	2.17	104	
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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 29 23 -42

$\text{LAB}^*\text{LCH}^*_{Ma}$: 29 48 298

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

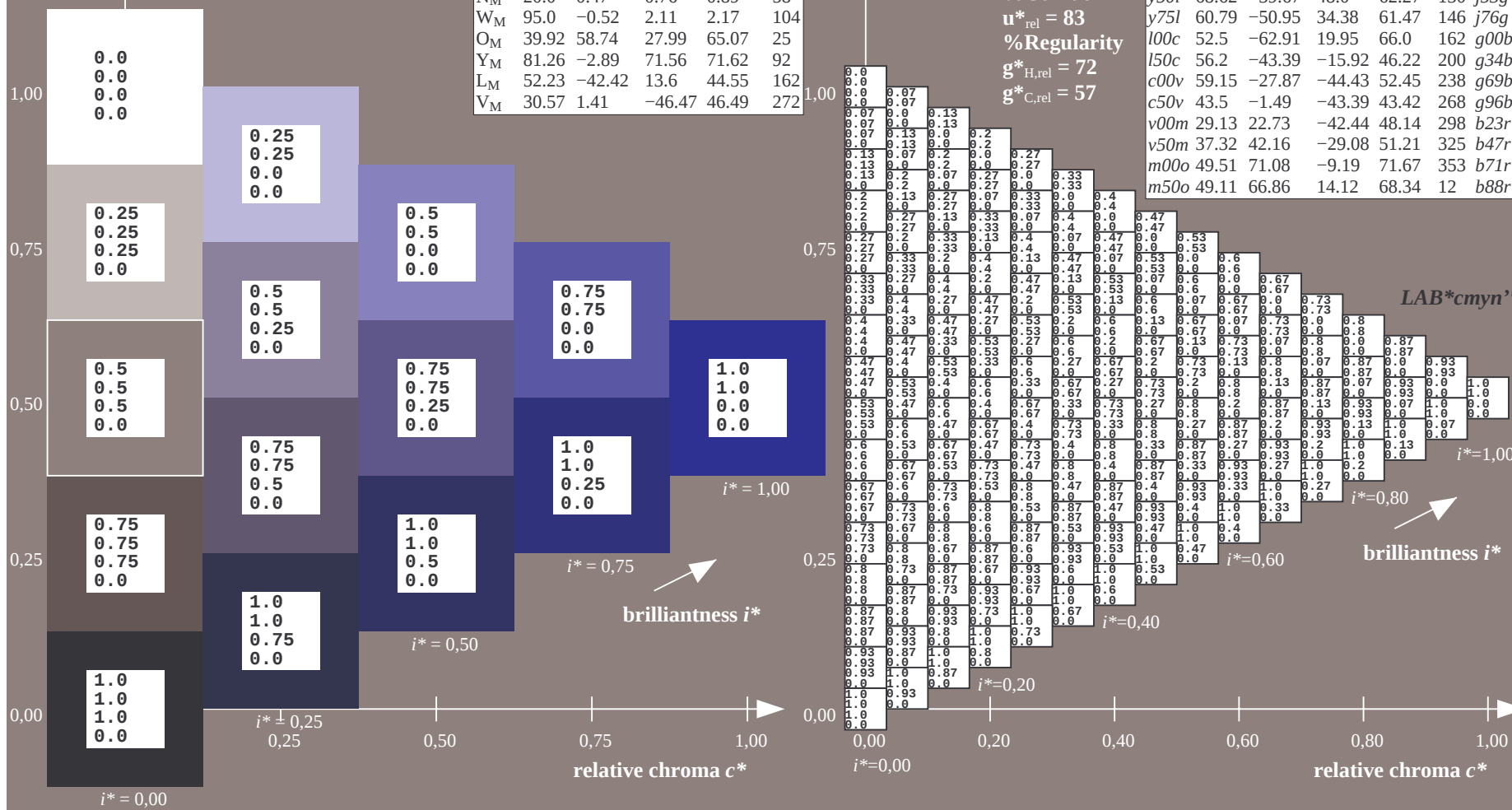
%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

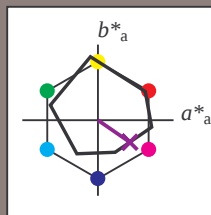
$u^*_d = v00m$
 $\text{LAB}^*\text{cmyn}^*$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$	
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$	
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$	
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$	
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$	
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$	
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$	
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$	
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$	
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$	
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$	
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$	
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$	
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$	
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$	
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$	



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
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 : 37 42 -29

LAB^*LCH^*Ma : 37 51 325

lab^*olv^*Ma : 0.5 0.0 1.0

lab^*rgb^*Ma : 0.94 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	48.71	62.56	37.91	73.15	31	r08j			
o25y	58.6	44.87	49.14	66.54	48	r33j			
o50y	67.52	28.93	59.25	65.94	64	r57j			
o75y	77.05	11.9	70.06	71.06	80	r81j			
y00l	89.25	-9.92	83.91	84.49	97	j06g			
y25l	77.37	-27.05	63.23	68.78	113	j30g			
y50l	68.62	-39.67	48.0	62.27	130	j53g			
y75l	60.79	-50.95	34.38	61.47	146	j76g			
l00c	52.5	-62.91	19.95	66.0	162	g00b			
l50c	56.2	-43.39	-15.92	46.22	200	g34b			
c00v	59.15	-27.87	-44.43	52.45	238	g69b			
c50v	43.5	-1.49	-43.39	43.42	268	g96b			
v00m	29.13	22.73	-42.44	48.14	298	b23r			
v50m	37.32	42.16	-29.08	51.21	325	b47r			
m00o	49.51	71.08	-9.19	71.67	353	b71r			
m50o	49.11	66.86	14.12	68.34	12	b88r			

$LAB^*cmy^n^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.98$

data for any colour:

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

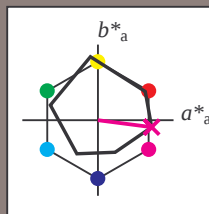
Hue texts:

$u^*_d = m00o$ $u^*_e = b71r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$\text{LAB}^*\text{LAB}^*_{Ma}: 50 \ 71 \ -9$

$\text{LAB}^*\text{LCH}^*_{Ma}: 50 \ 72 \ 352$

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$

$\text{LAB}^*\text{cmyn}^*$

$i^* = 1.00$

brilliantness i^*

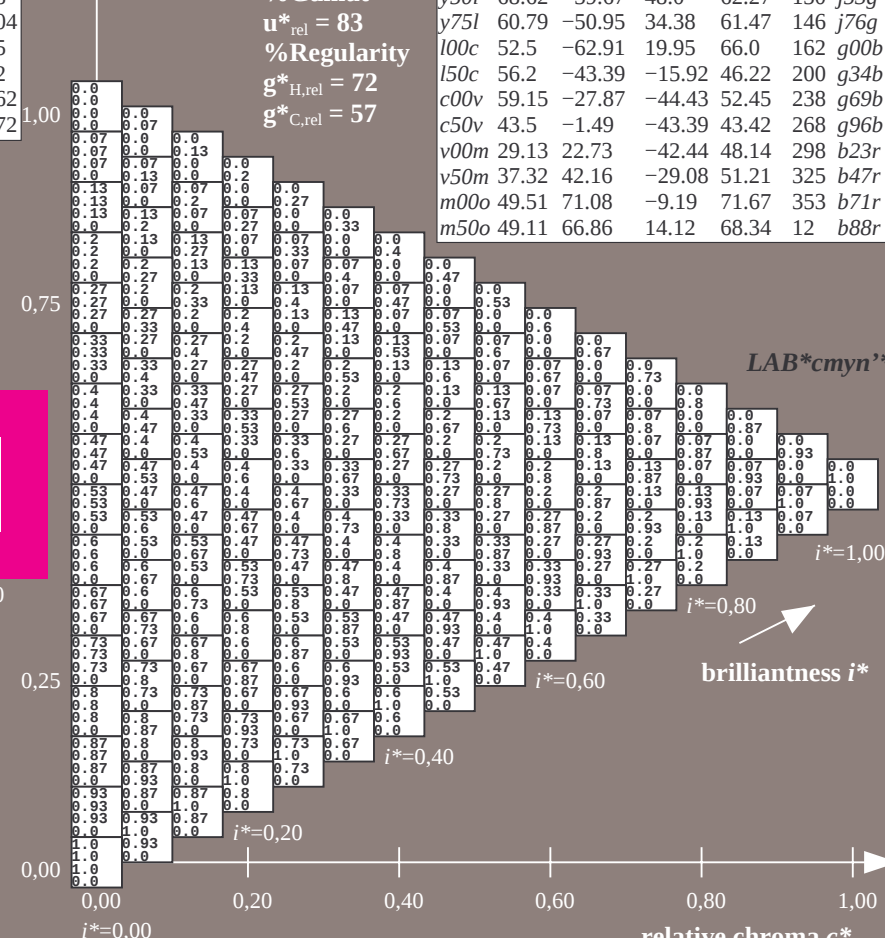
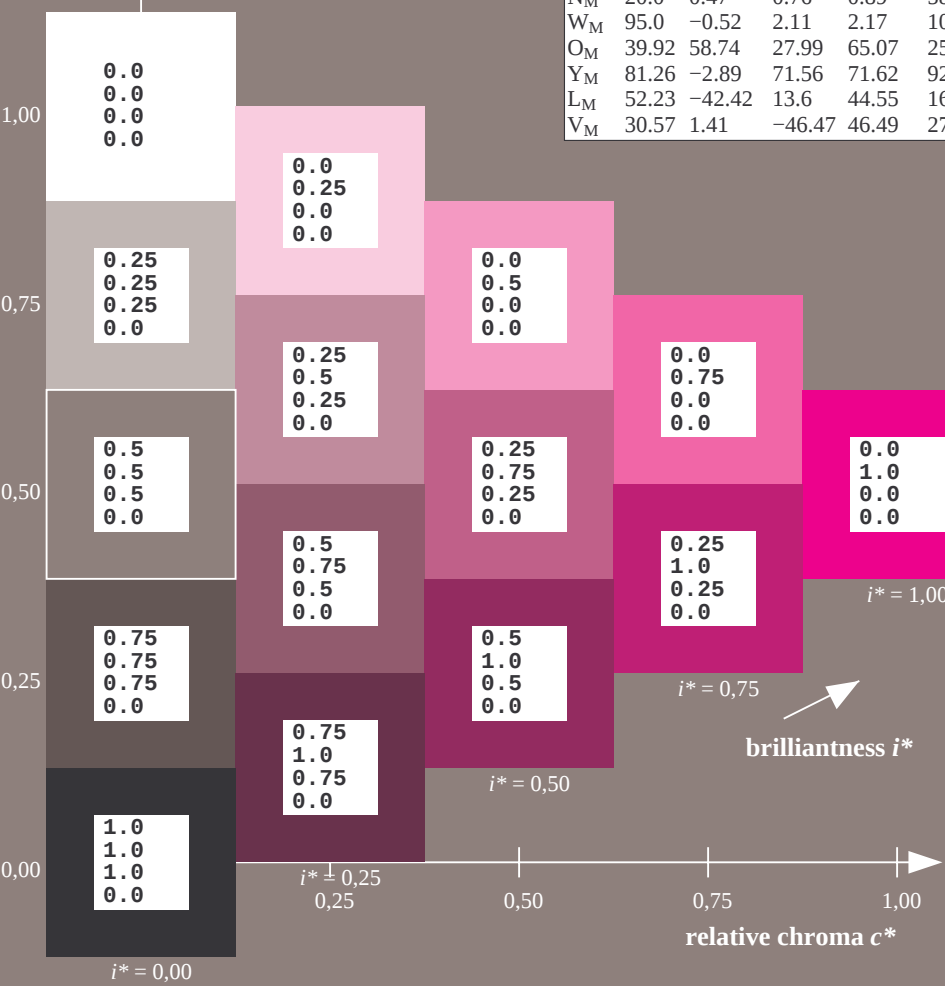
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

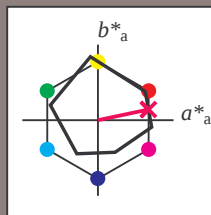
$i^* = 0.20$

$i^* = 0.00$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m50o$ $u^*_e = b88r$
contrast reduction factor:
 $c_R = 0.96$
triangle lightness t^*



ORS20_95a; CIELAB data					
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
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):

$LAB^*LAB^*_Ma$: 49 67 14

$LAB^*LCH^*_Ma$: 49 68 11

$lab^*olv^*_Ma$: 1.0 0.0 0.5

$lab^*rgb^*_Ma$: 1.0 0.0 0.24

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$	
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$	
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$	
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$	
$y00l$	89.25	-9.92	83.91	84.49	97	$j06g$	
$y25l$	77.37	-27.05	63.23	68.78	113	$j30g$	
$y50l$	68.62	-39.67	48.0	62.27	130	$j53g$	
$y75l$	60.79	-50.95	34.38	61.47	146	$j76g$	
$l00c$	52.5	-62.91	19.95	66.0	162	$g00b$	
$l50c$	56.2	-43.39	-15.92	46.22	200	$g34b$	
$c00v$	59.15	-27.87	-44.43	52.45	238	$g69b$	
$c50v$	43.5	-1.49	-43.39	43.42	268	$g96b$	
$v00m$	29.13	22.73	-42.44	48.14	298	$b23r$	
$v50m$	37.32	42.16	-29.08	51.21	325	$b47r$	
$m00o$	49.51	71.08	-9.19	71.67	353	$b71r$	
$m50o$	49.11	66.86	14.12	68.34	12	$b88r$	

$LAB^*cmy^n^*$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

