

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

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

device hue text:

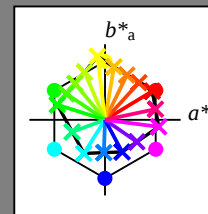
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

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
<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>



%Gamut

$u^*_{rel} = 83$

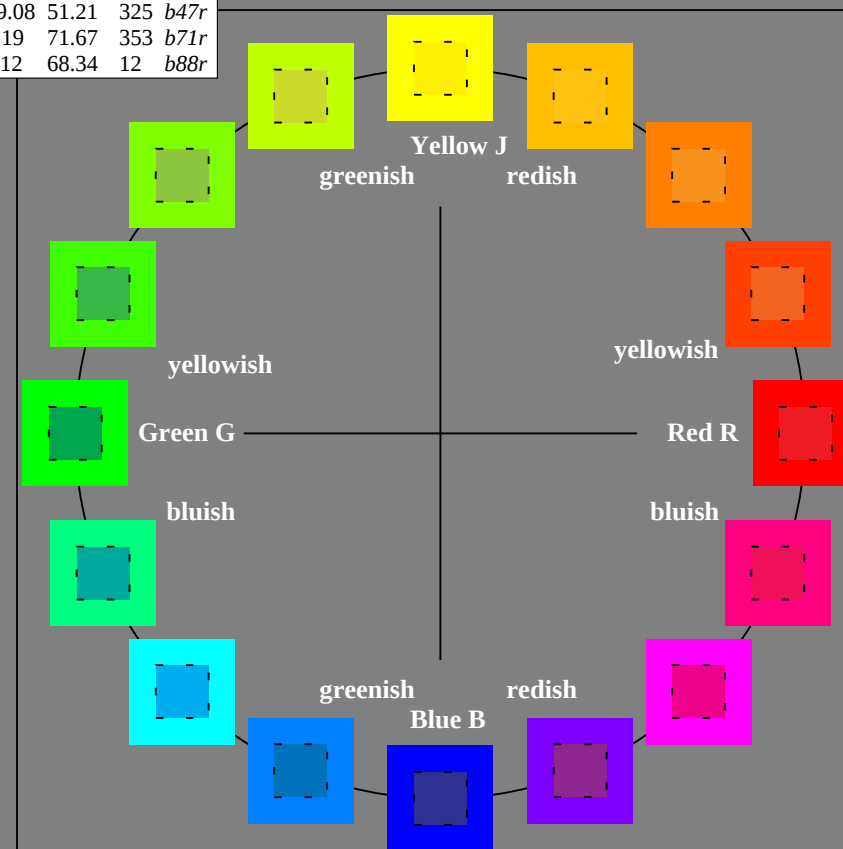
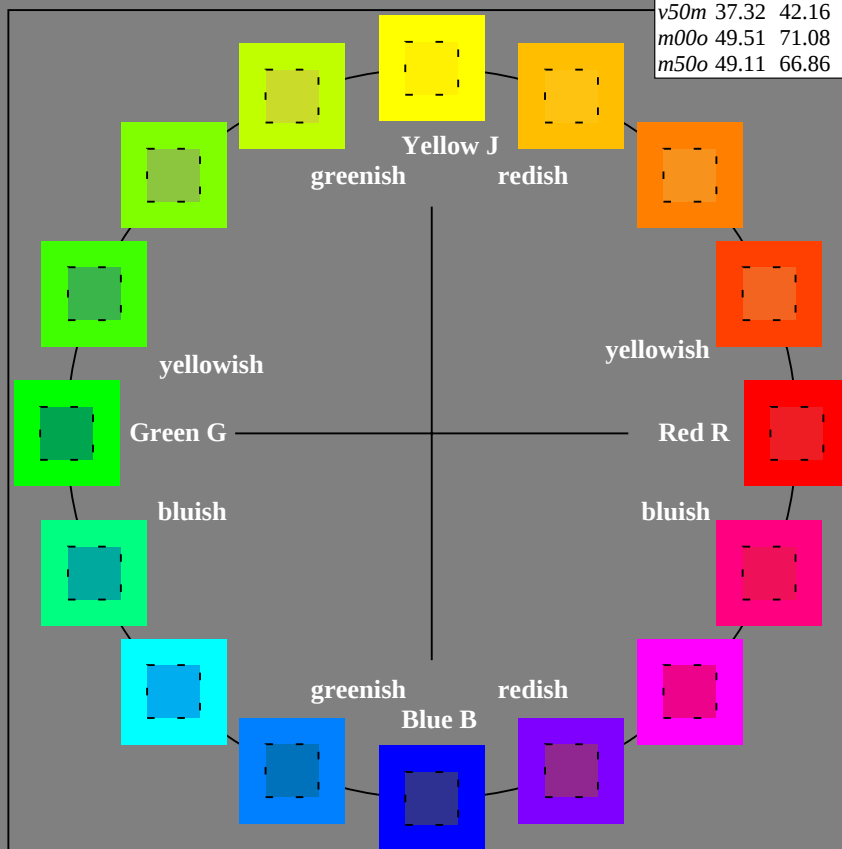
%Regularity

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

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

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^*

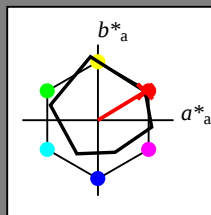
Hue texts:

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

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

$u^*_{rel} = 83$

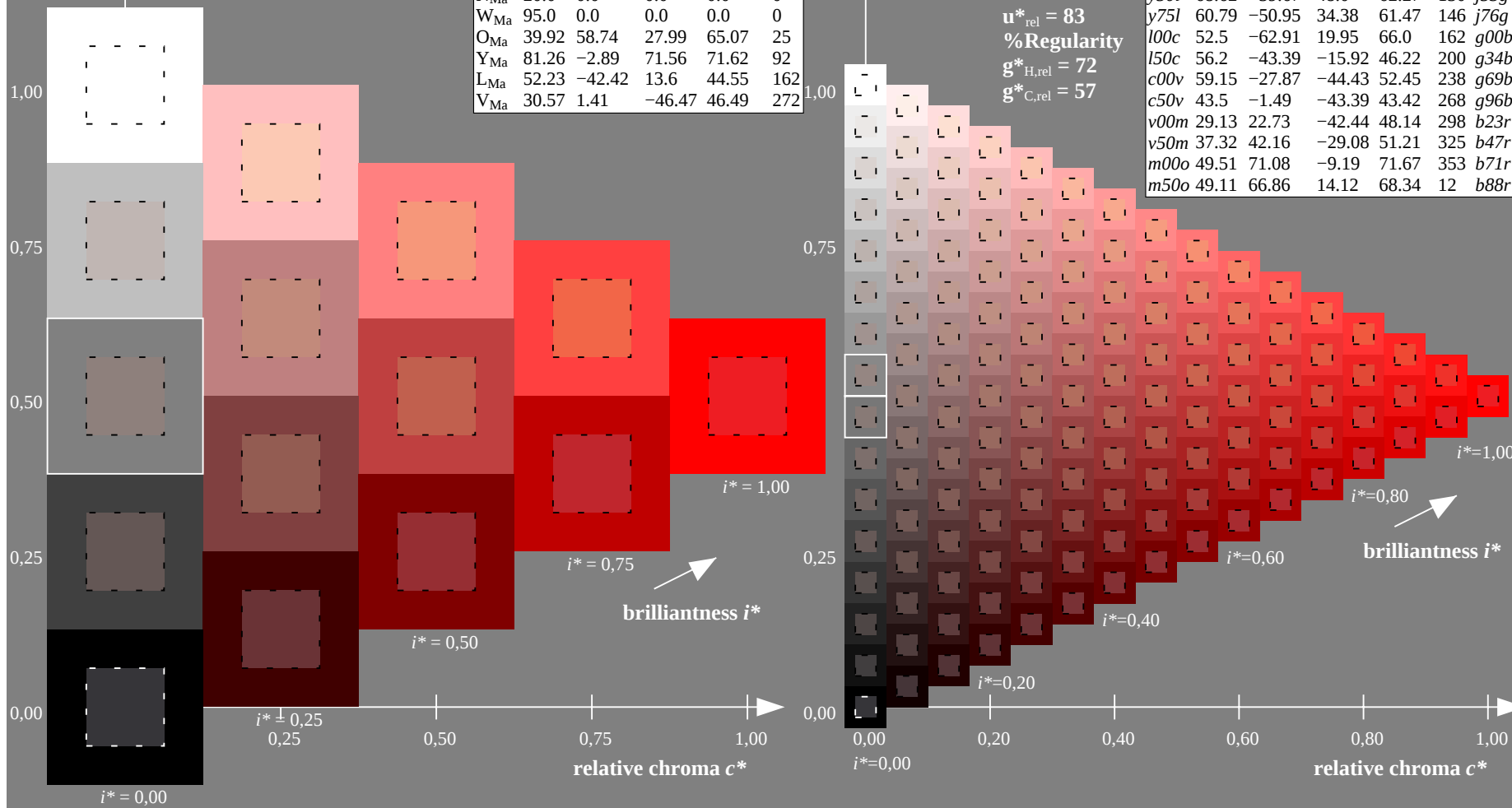
%Regularity

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

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

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<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^*

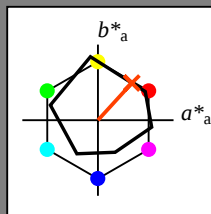
Hue texts:

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

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

$u^*_{rel} = 83$

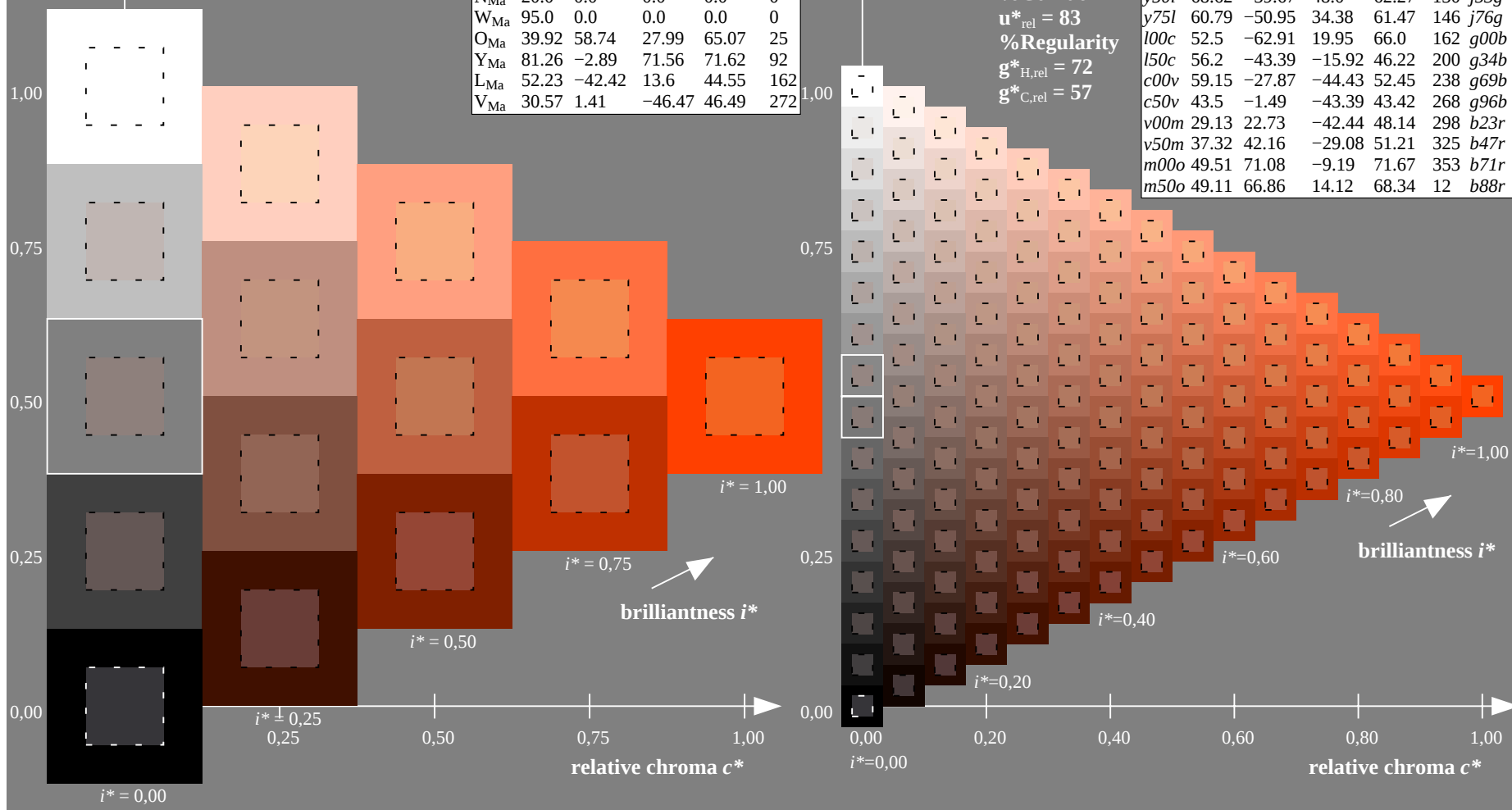
%Regularity

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

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

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^*

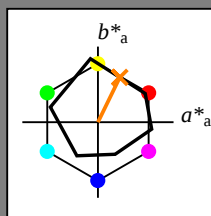
Hue texts:

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

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

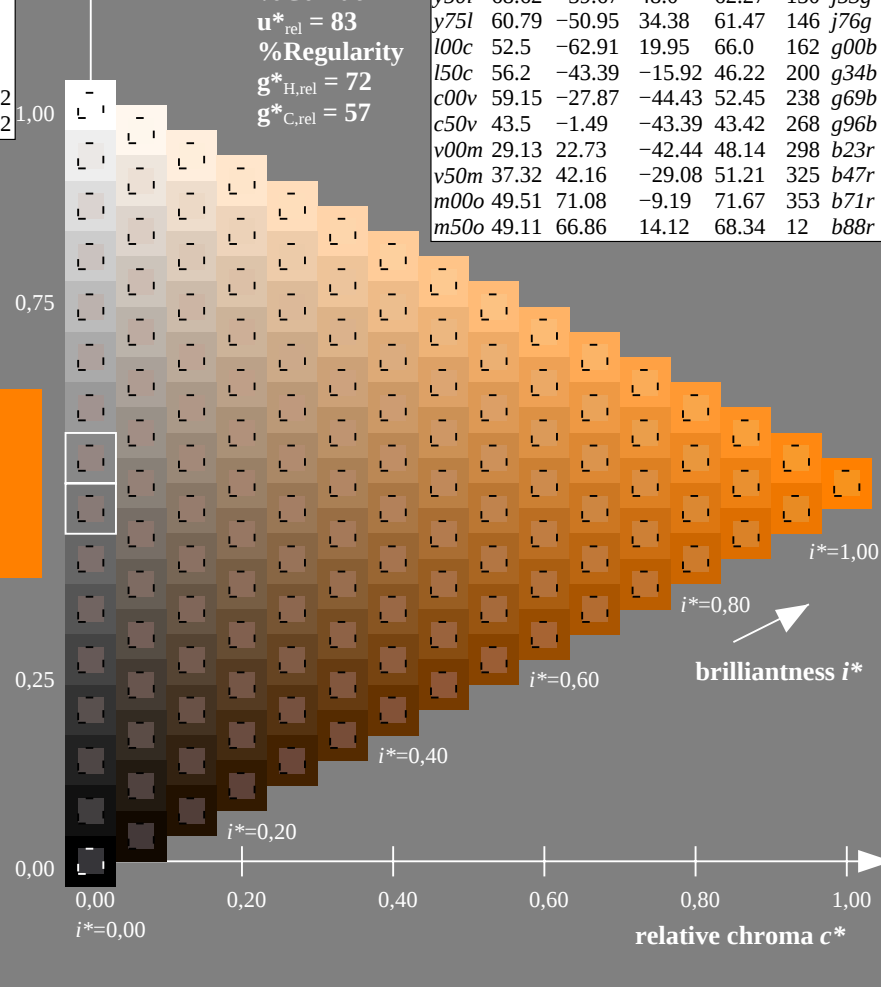
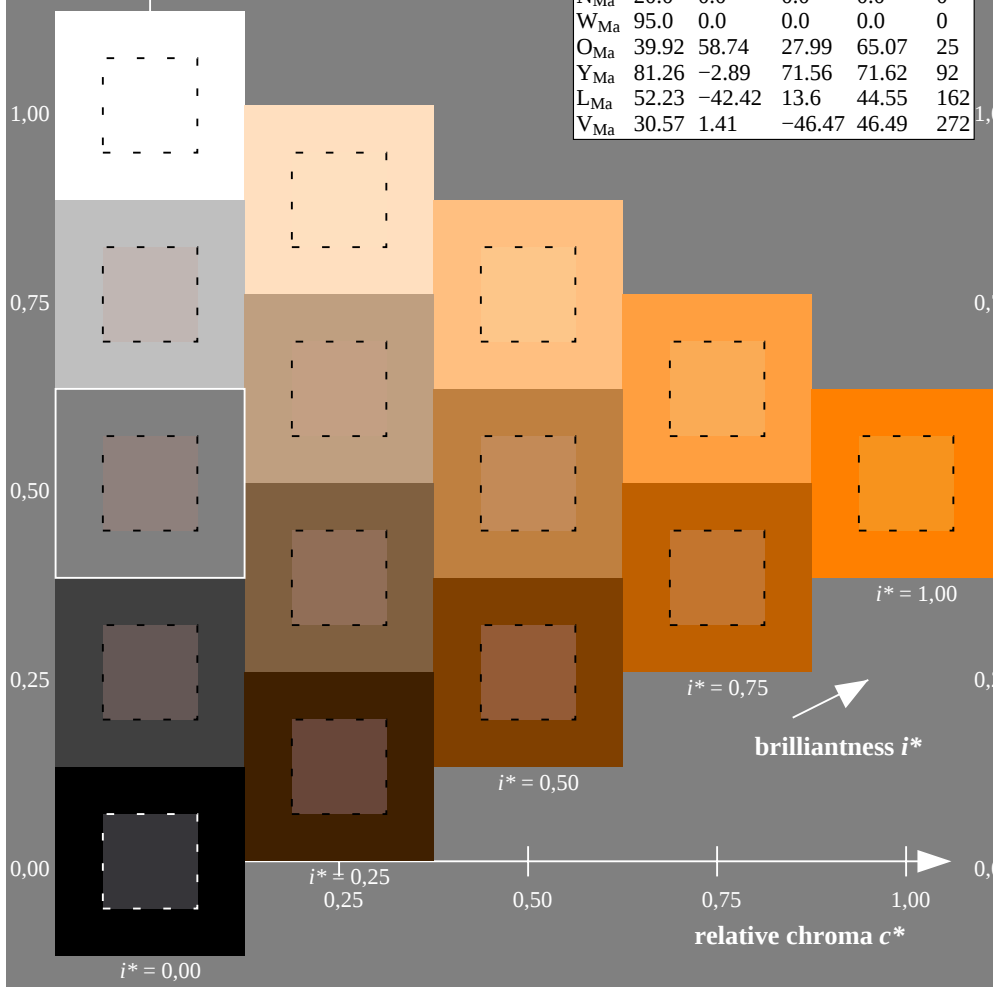
$g^*_{H,rel} = 72$

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

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^*

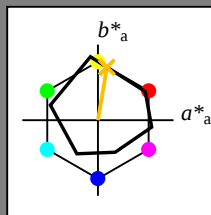
Hue texts:

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

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

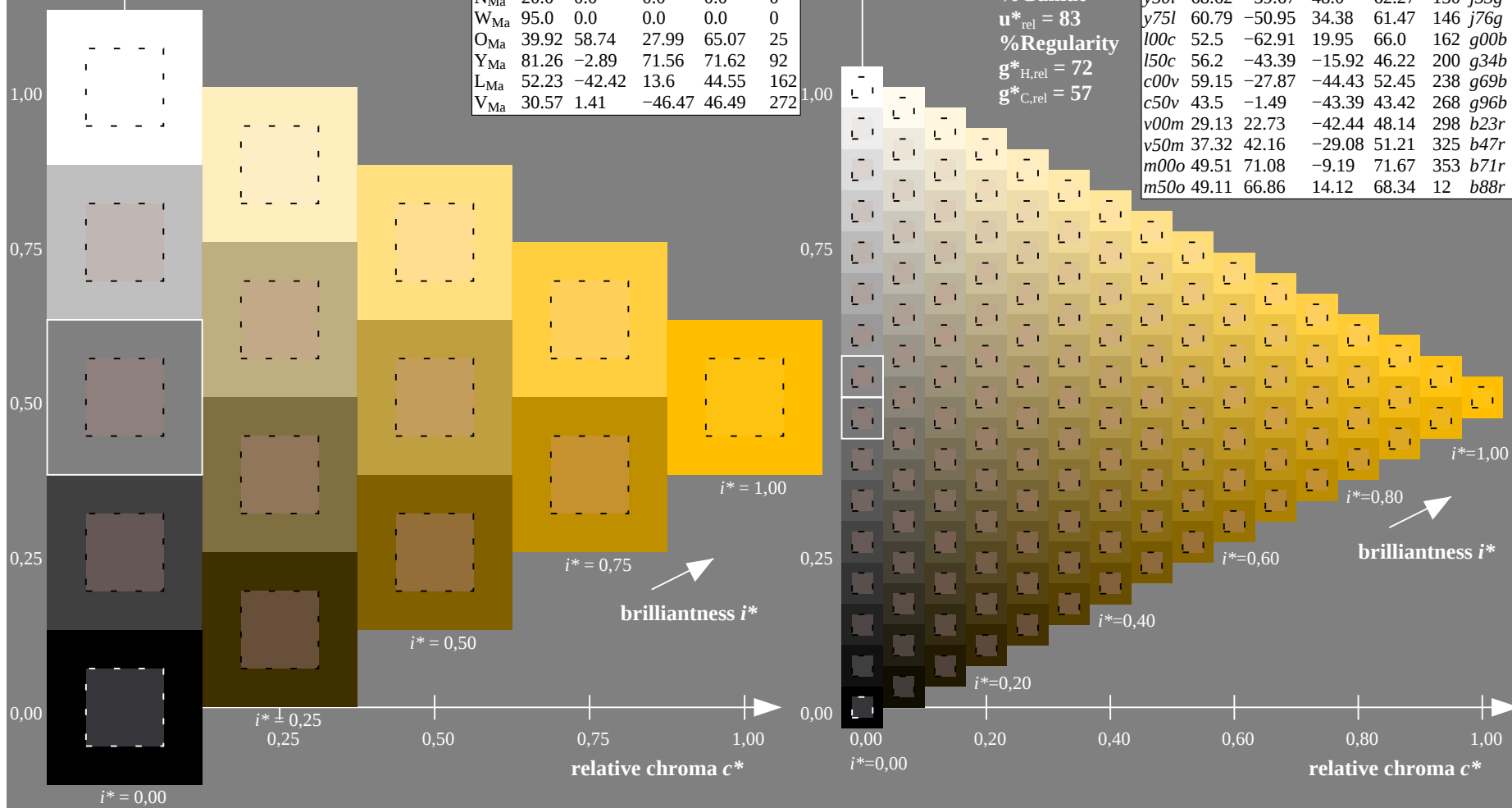
$g^*_{H,rel} = 72$

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

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.269$

data for any colour:

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

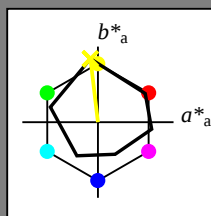
Hue texts:

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

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

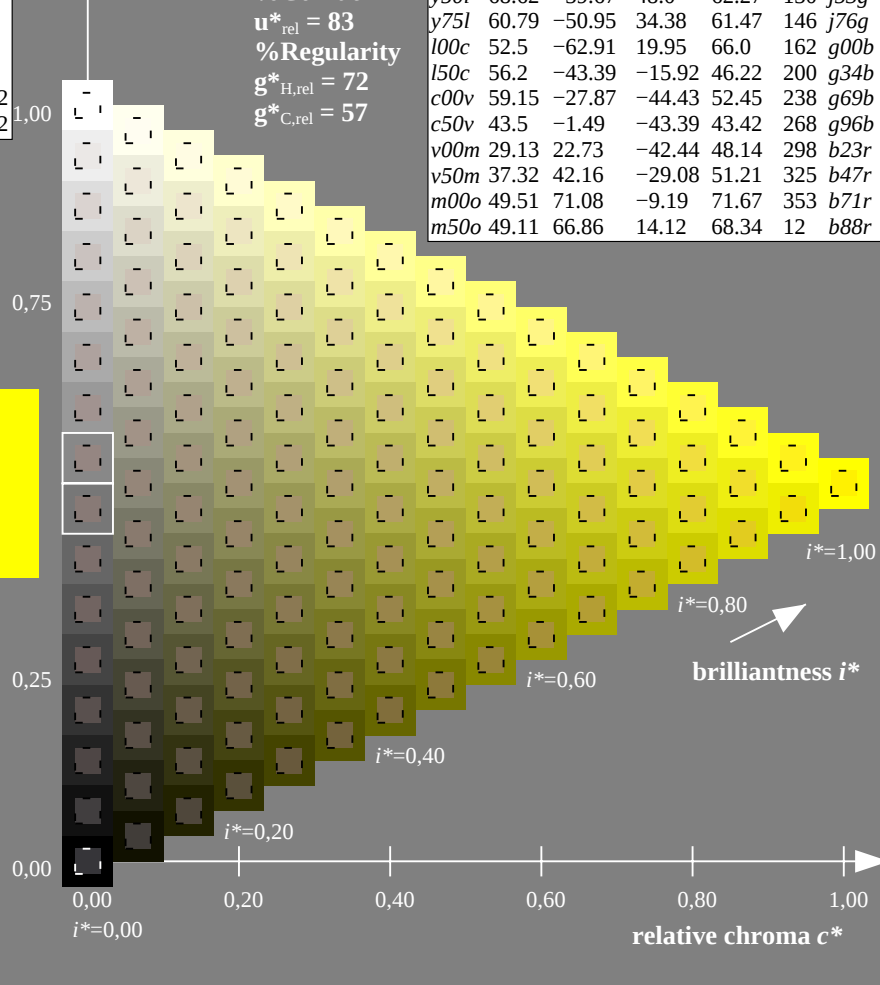
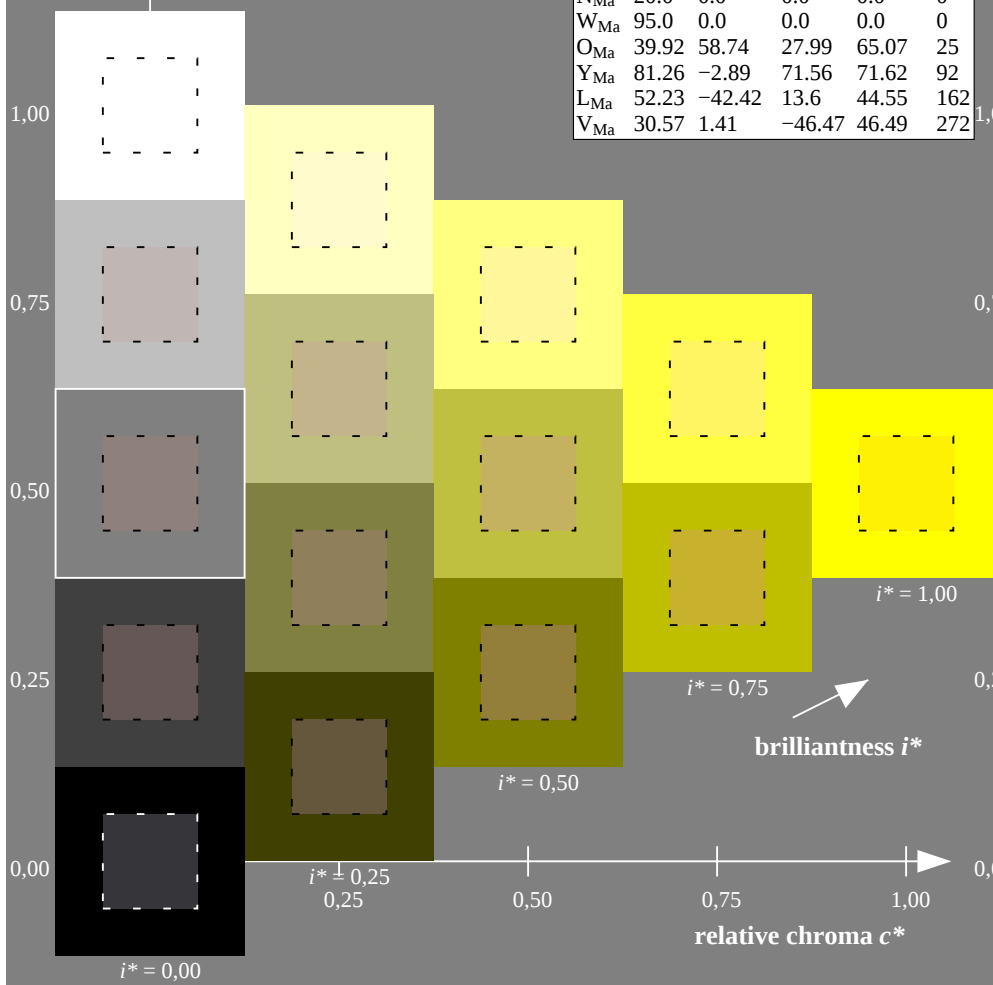
$g^*_{H,rel} = 72$

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

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

$u^*_d = y00l$



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^*

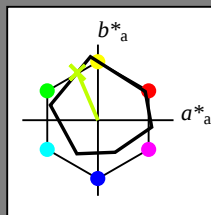
Hue texts:

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

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

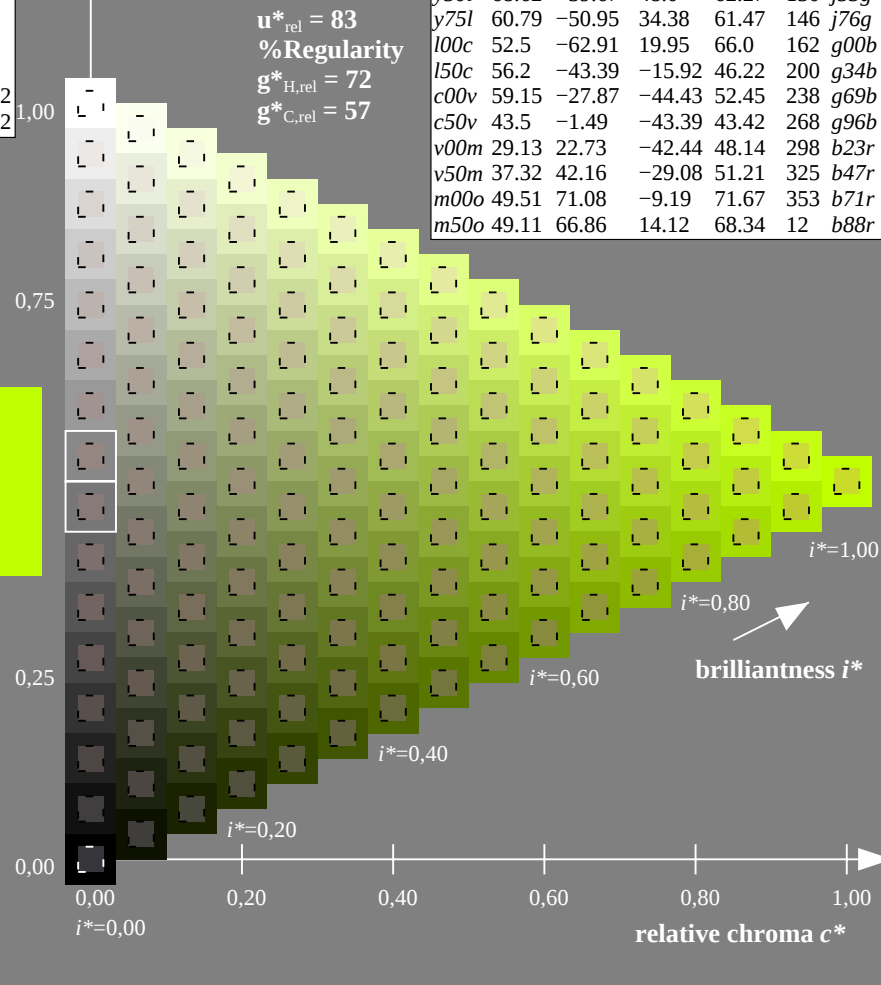
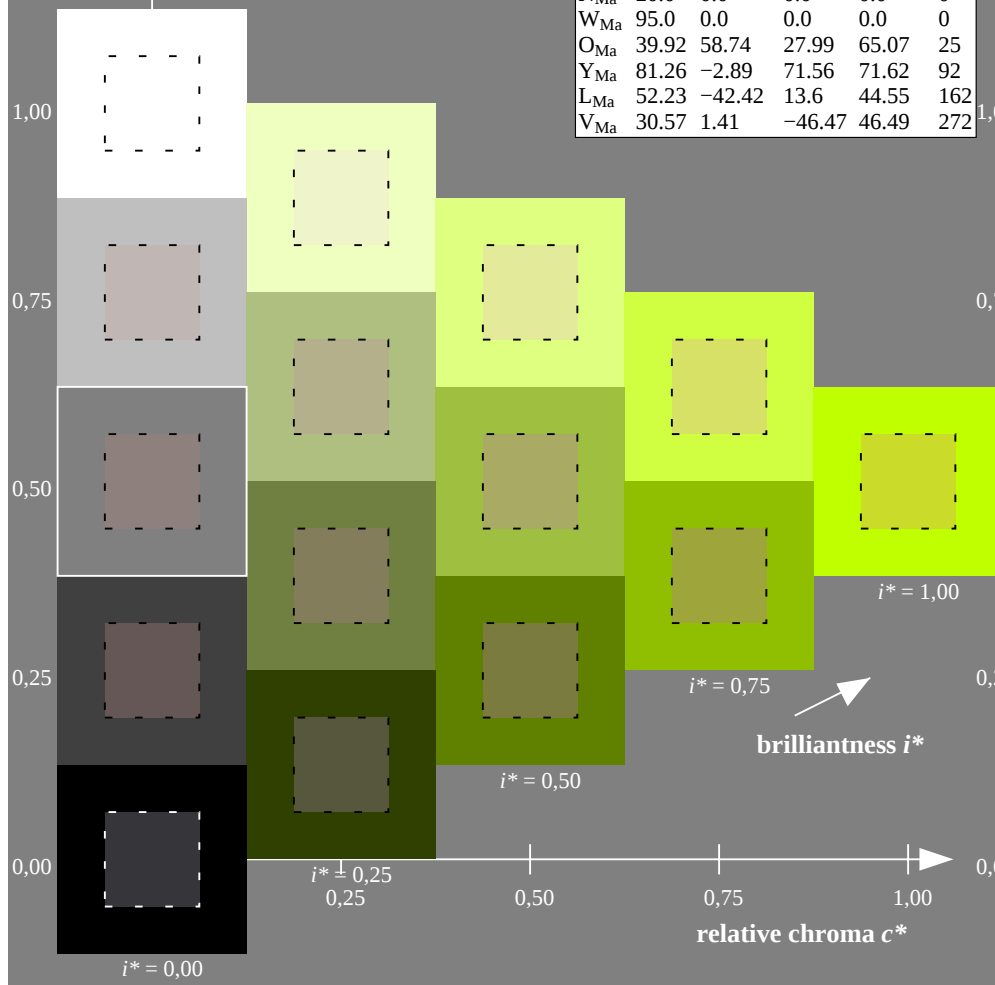
$g^*_{H,rel} = 72$

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

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.36$

data for any colour:

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

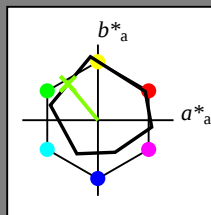
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

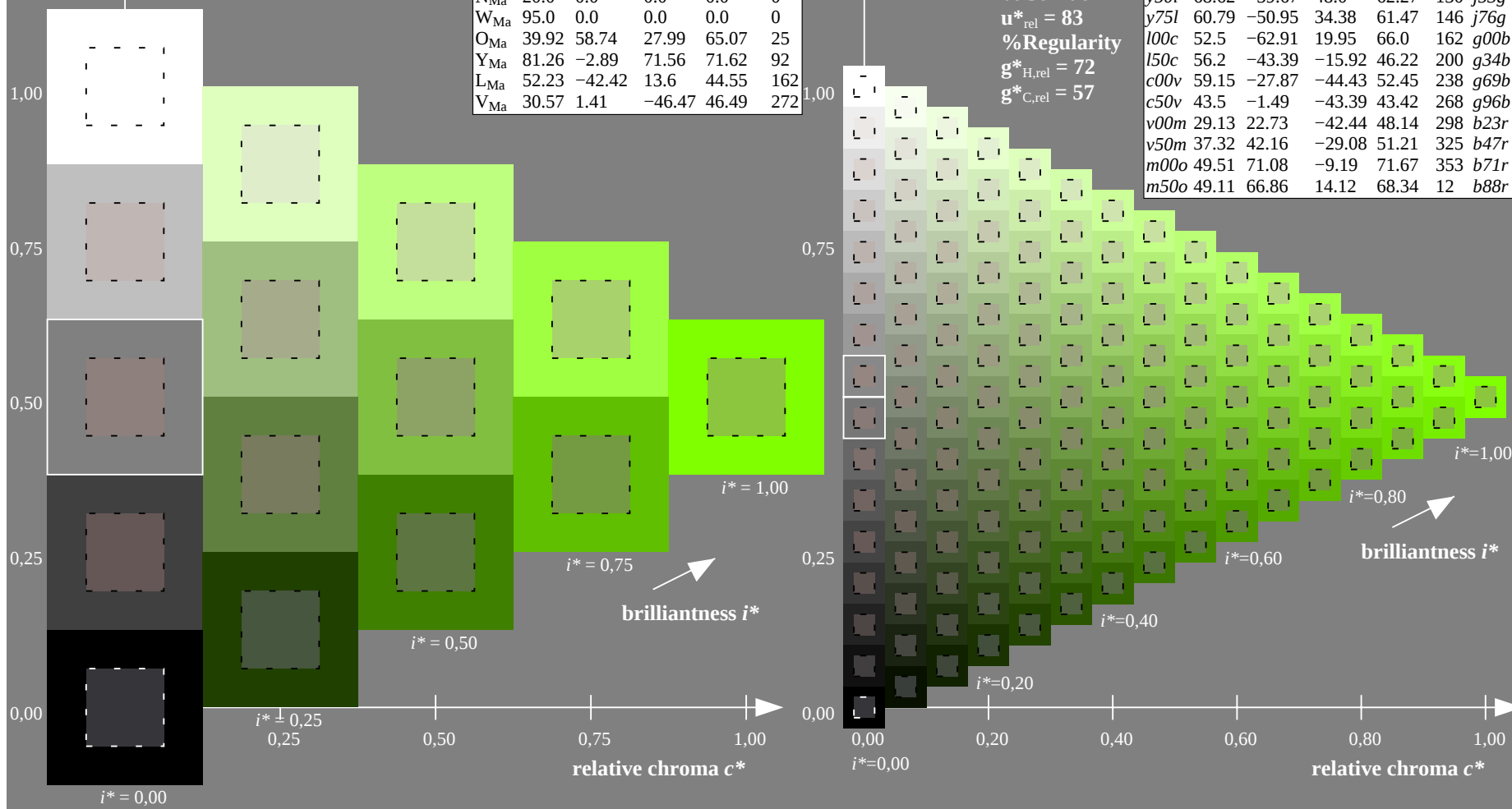
$g^*_{H,\text{rel}} = 72$

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

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

$u^*_d = y50l$



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^*

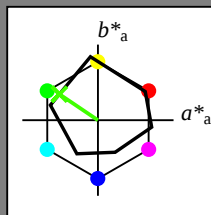
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*\text{Ma}$: 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

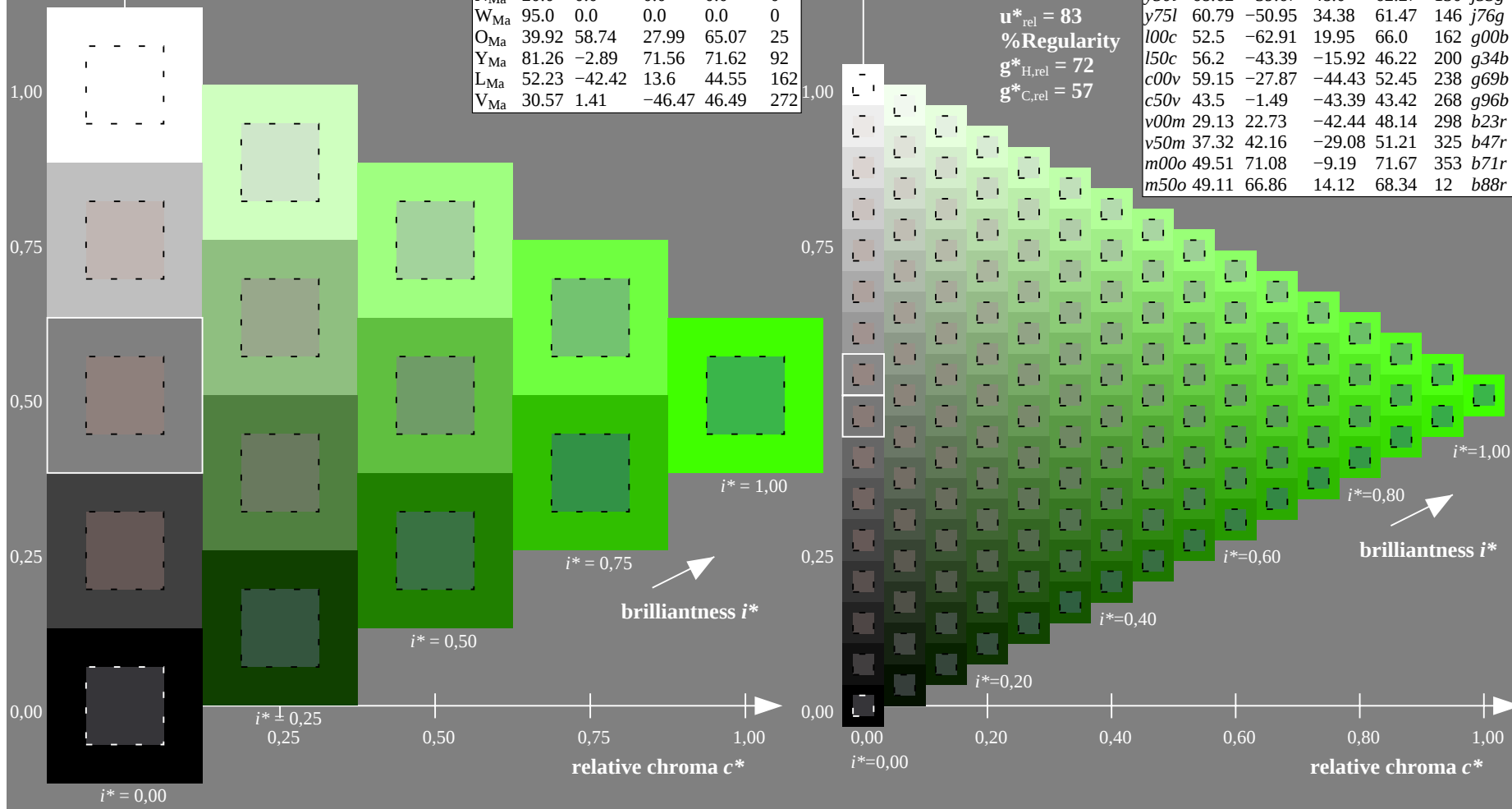
$g^*_{H,\text{rel}} = 72$

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

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

$u^*_d = y75l$



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^*

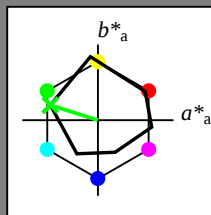
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

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

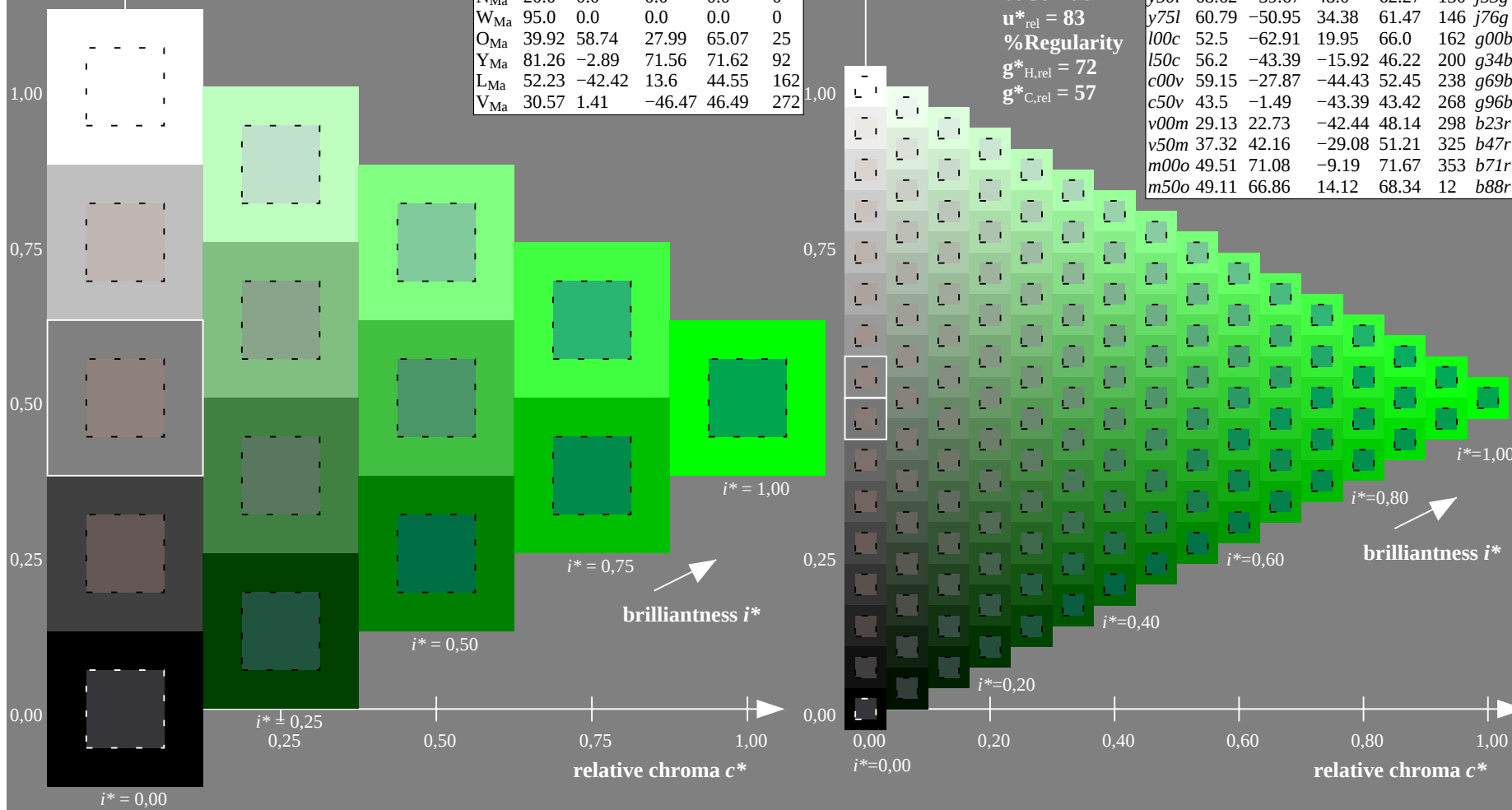
%Regularity

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

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

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



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^*

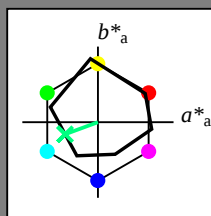
Hue texts:

$u^*_d = 150c$ $u^*_e = g34b$

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

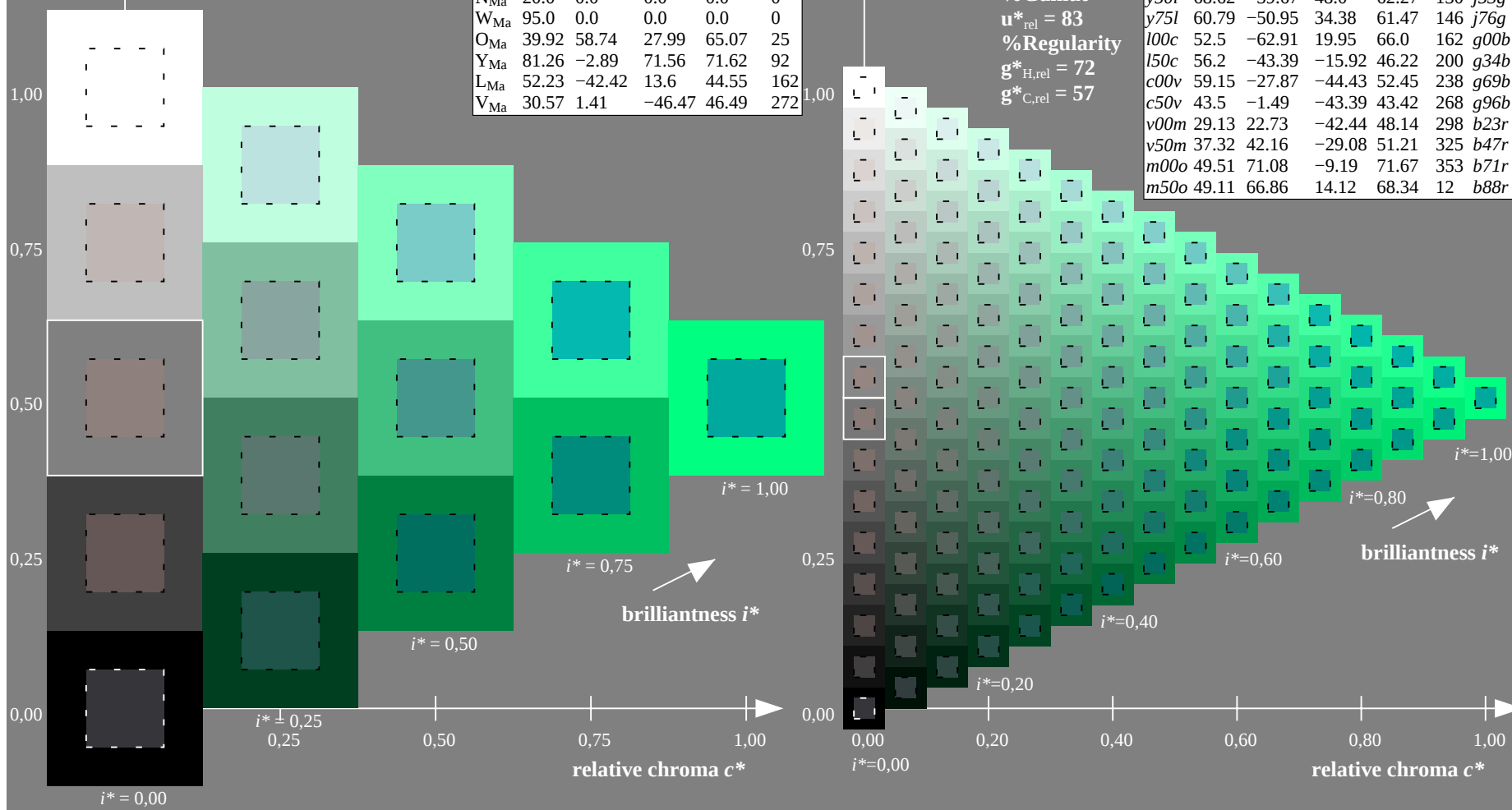
$g^*_{H,rel} = 72$

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

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

$u^*_d = 150c$



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^*

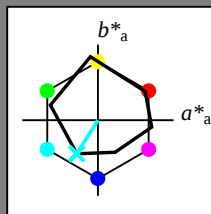
Hue texts:

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

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

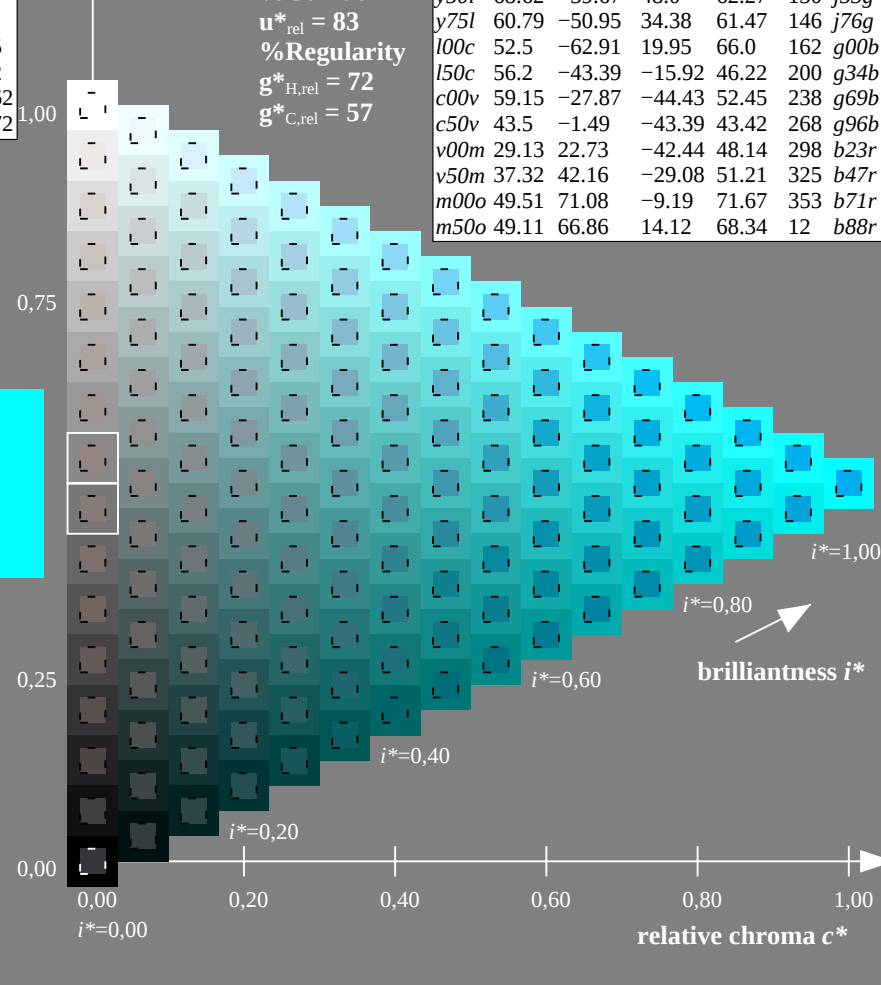
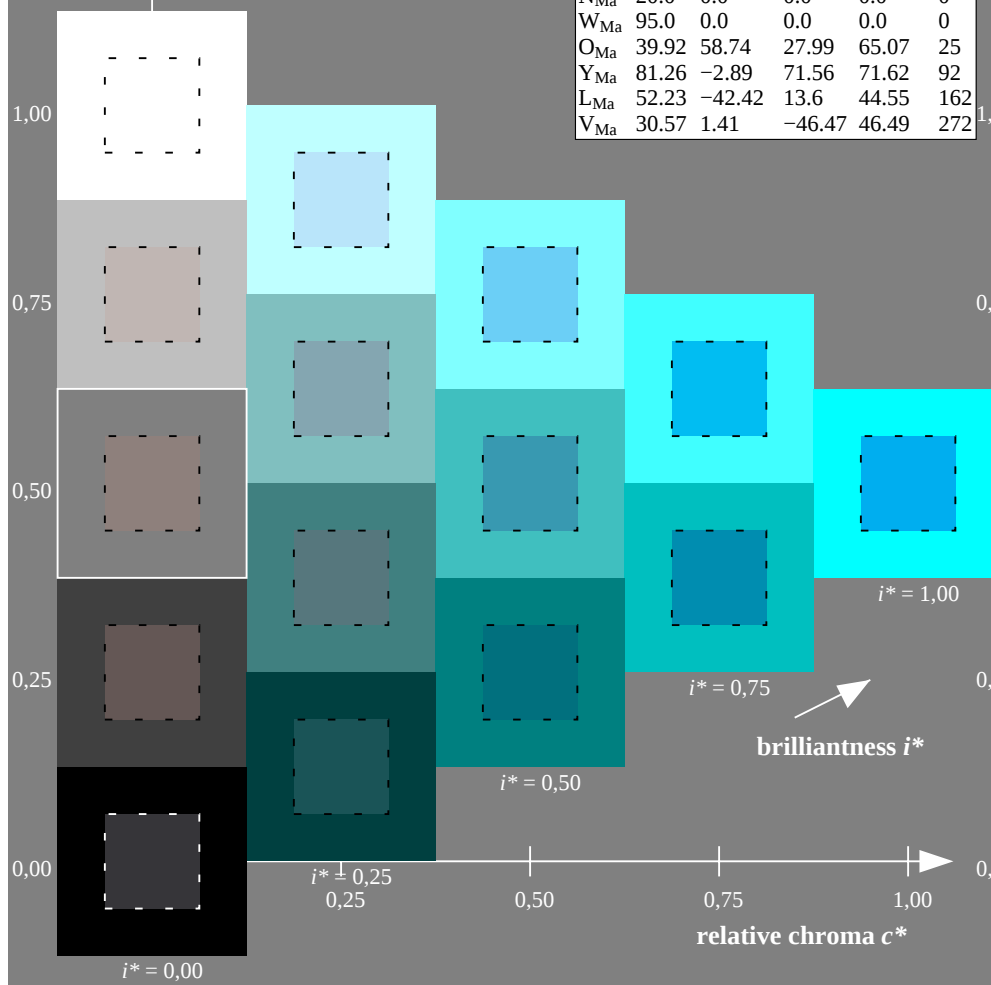
$g^*_{H,rel} = 72$

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

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$

data for any colour:

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

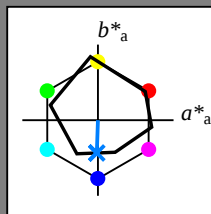
Hue texts:

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

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

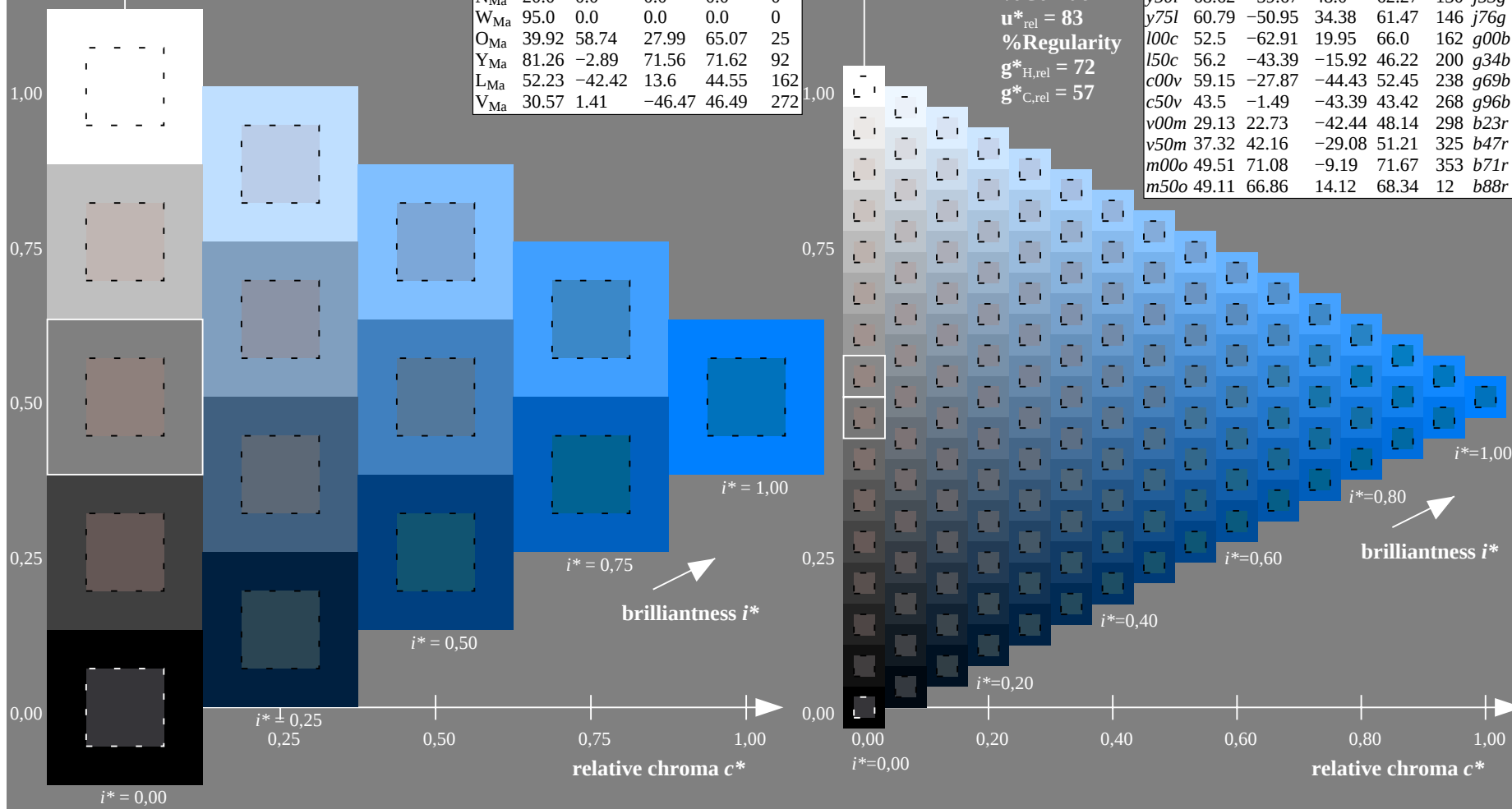
$g^*_{H,\text{rel}} = 72$

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

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^*

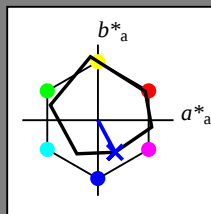
Hue texts:

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

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

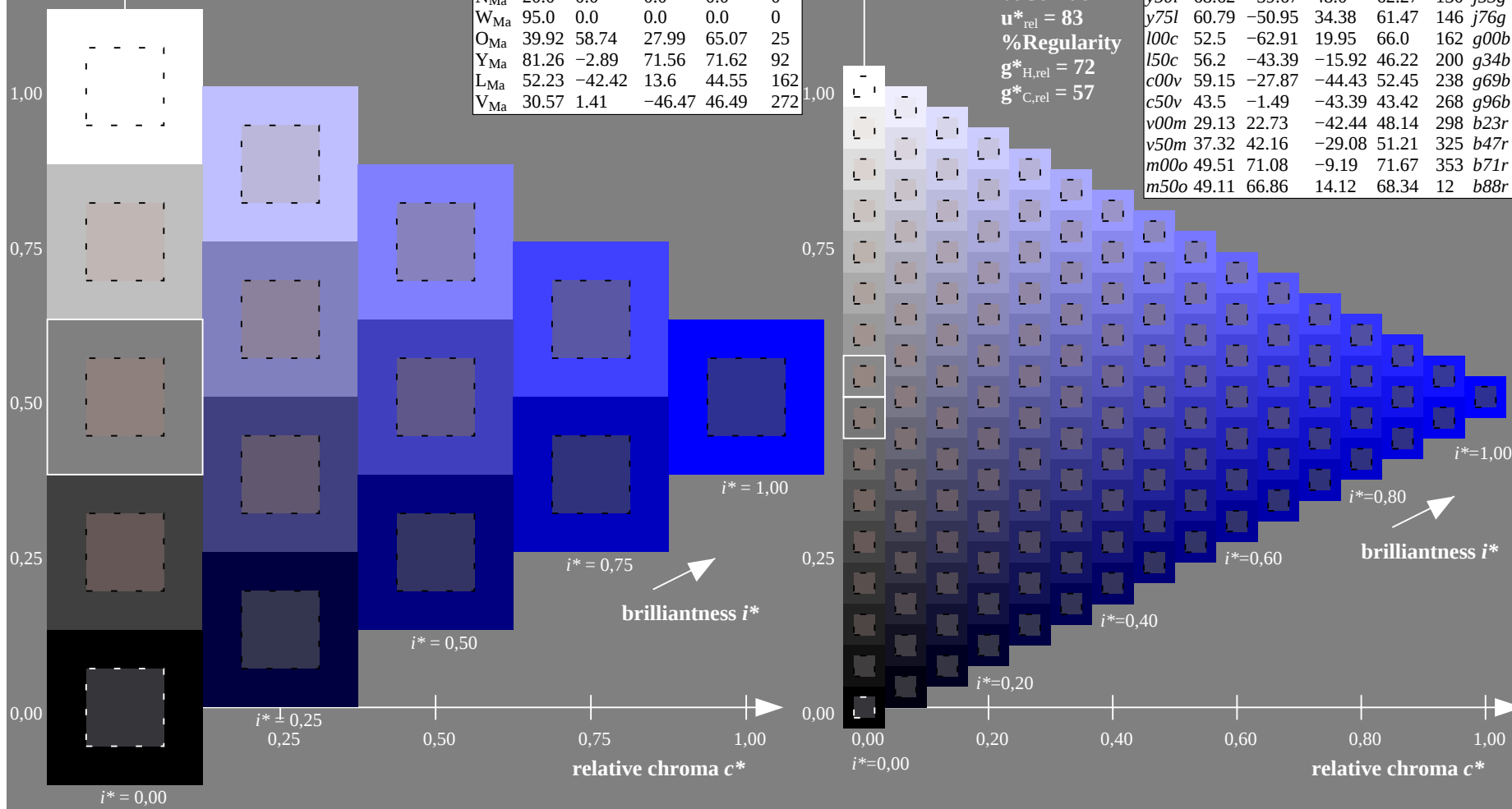
$g^*_{H,\text{rel}} = 72$

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

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.904$

data for any colour:

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

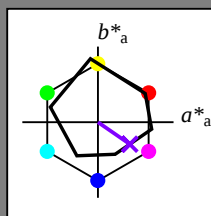
Hue texts:

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

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

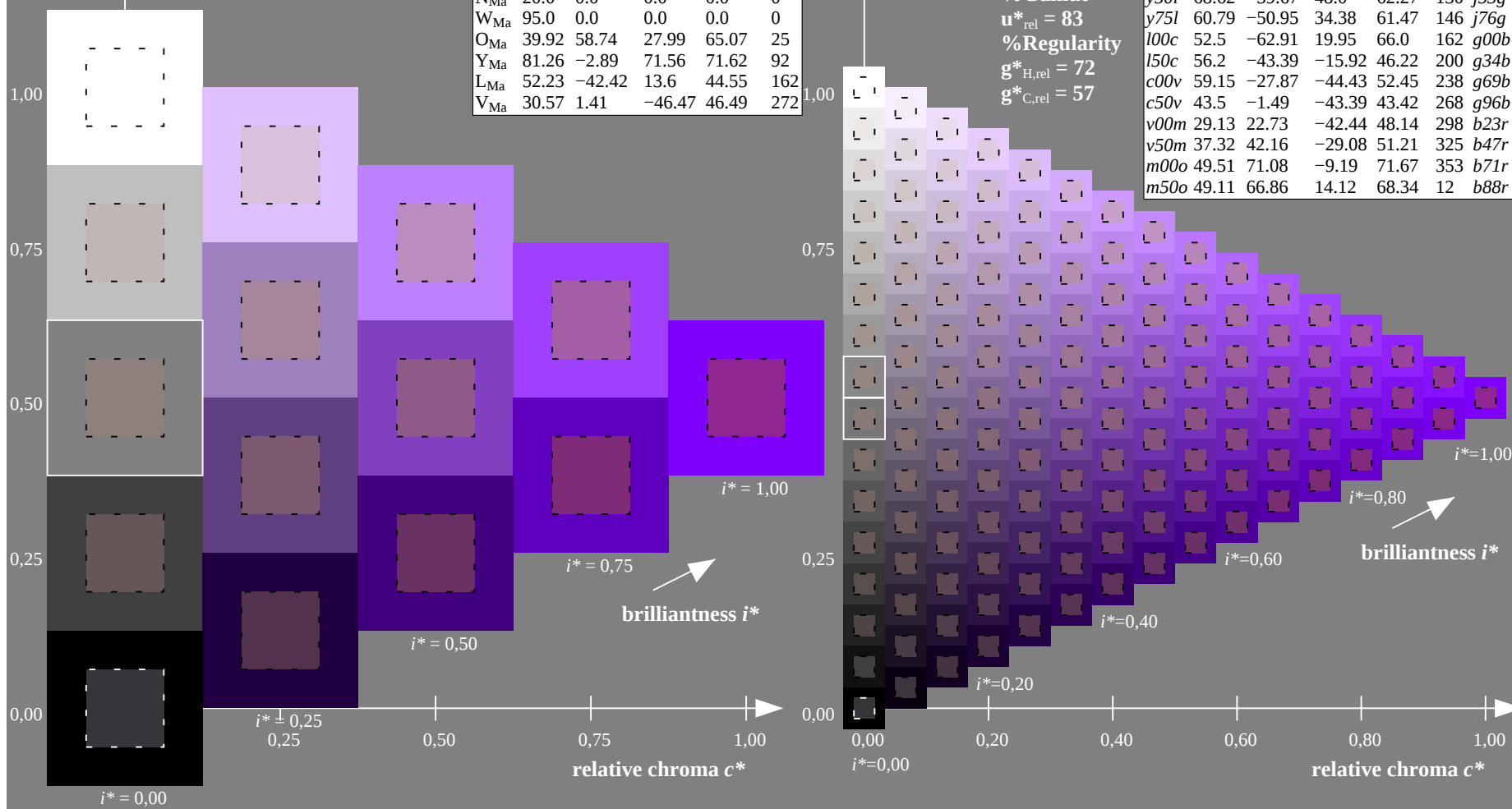
$g^*_{H,\text{rel}} = 72$

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

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

$u^*_d = v50m$



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^*

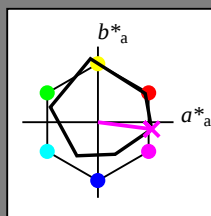
Hue texts:

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

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

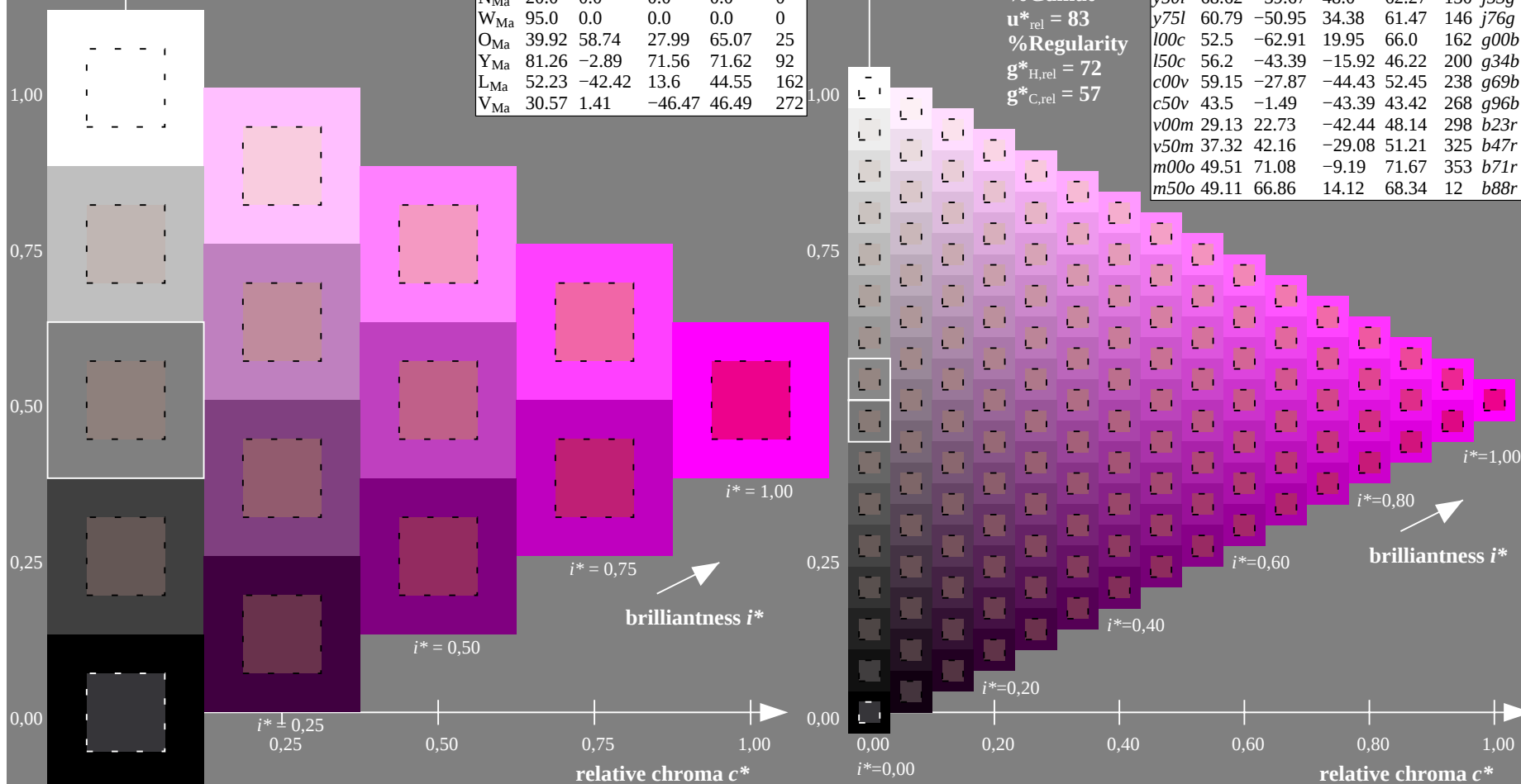
$g^*_{H,rel} = 72$

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

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^*

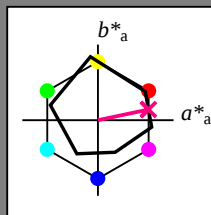
Hue texts:

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

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

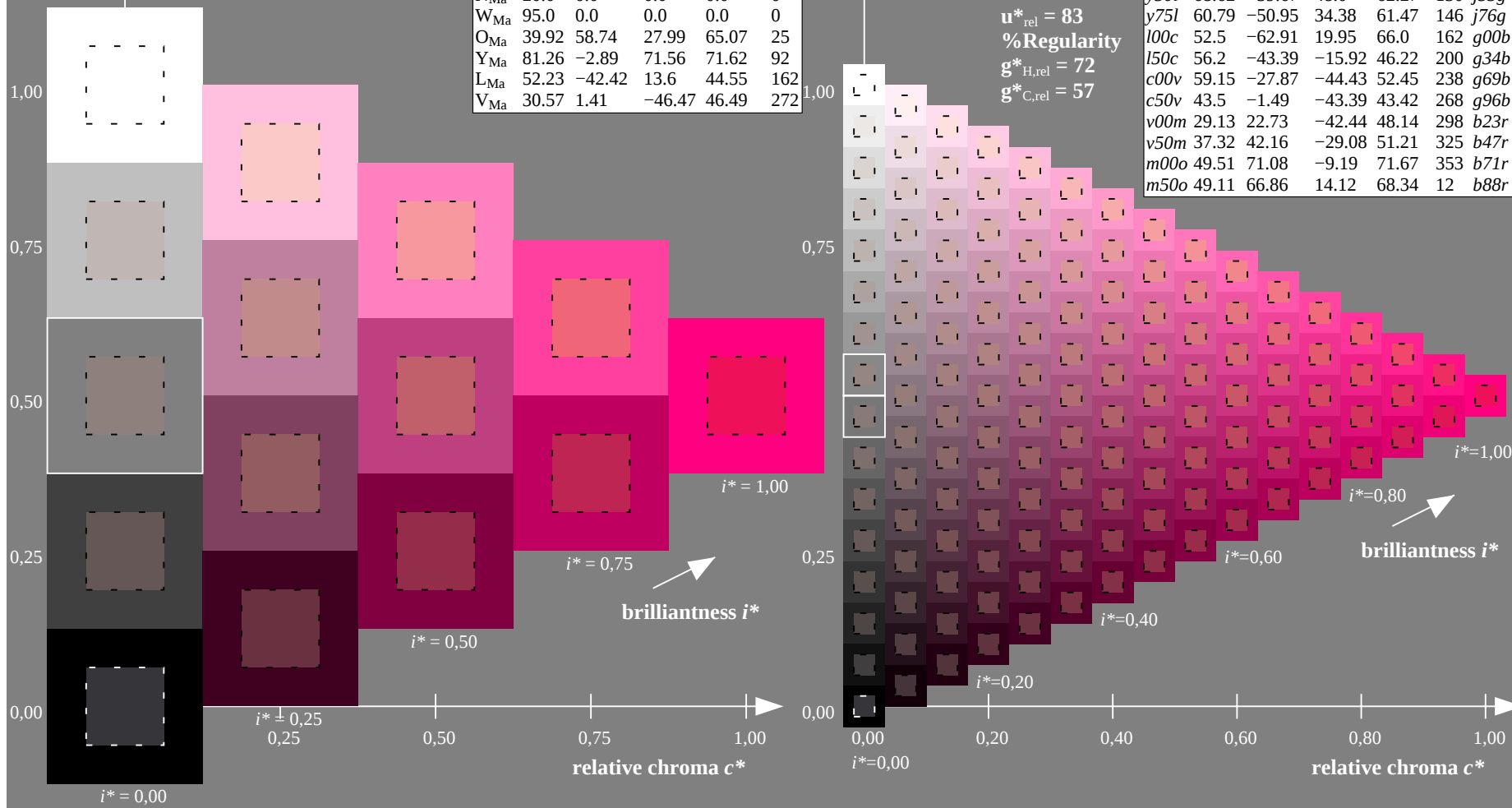
$g^*_{H,rel} = 72$

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

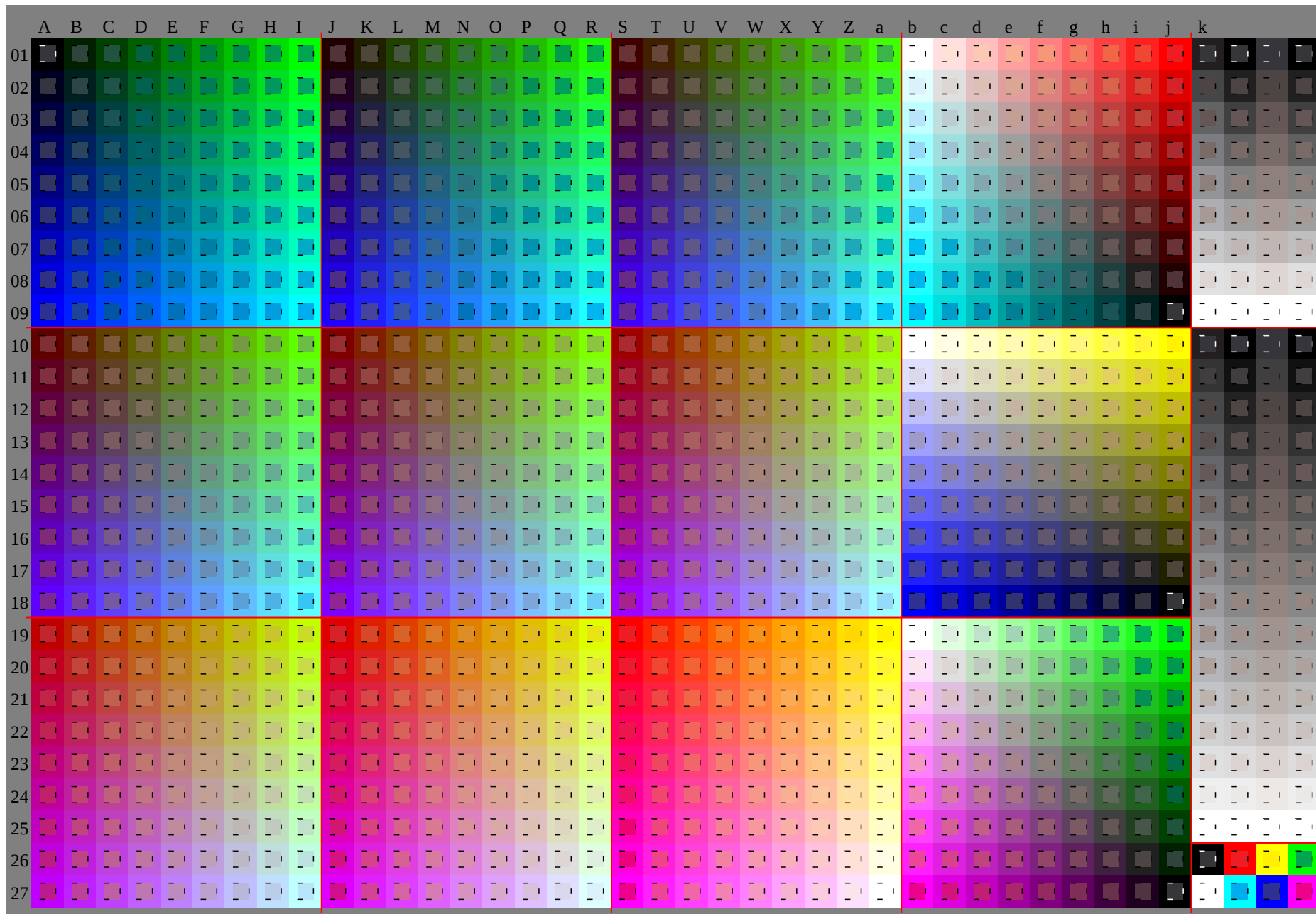
ORS20_95a; adapted (a) CIELAB data

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/Ee69/>; www.ps.bam.de/Ee69/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=1

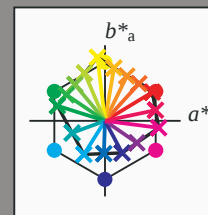


Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:

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
<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>



%Gamut

$u^*_{rel} = 83$

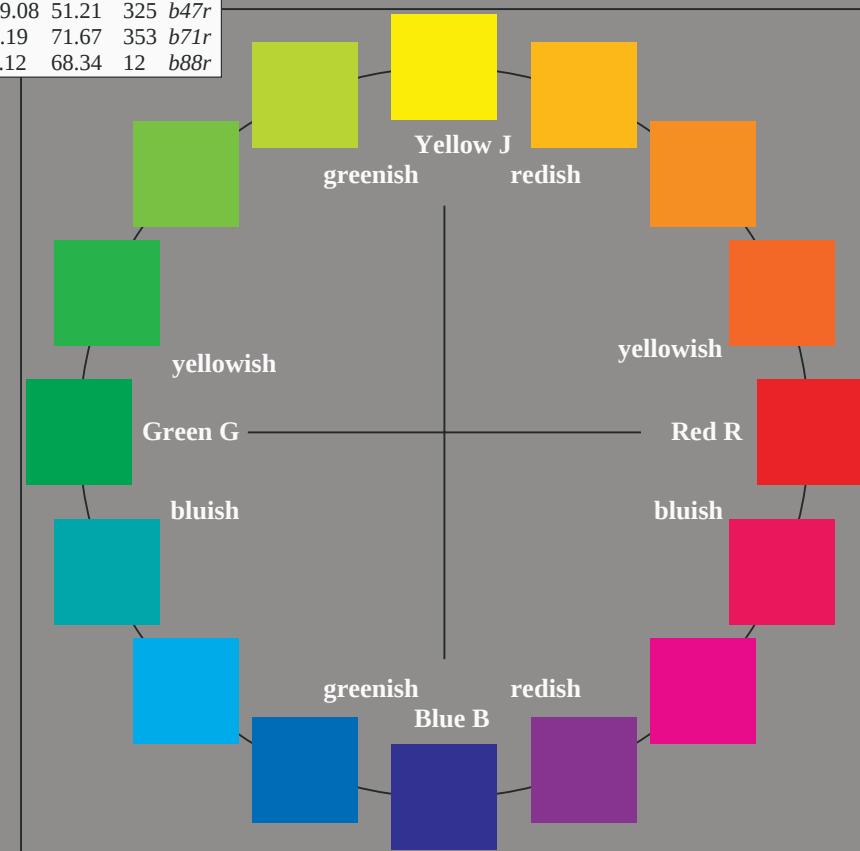
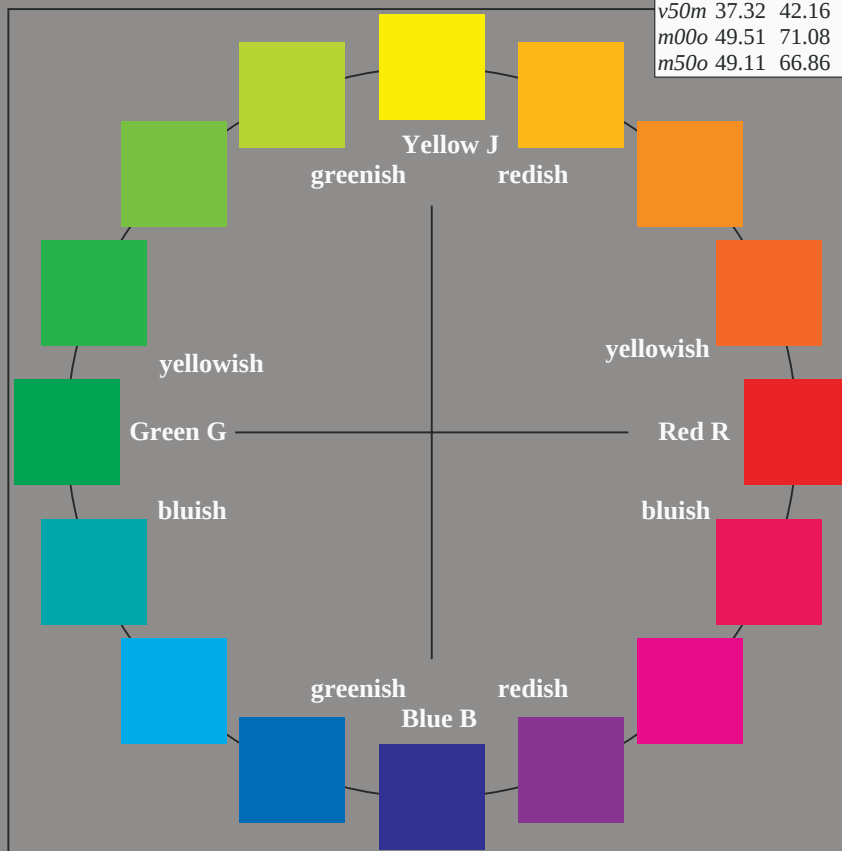
%Regularity

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

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

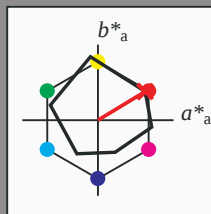
ORS20_95a; adapted (a) CIELAB data

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^*



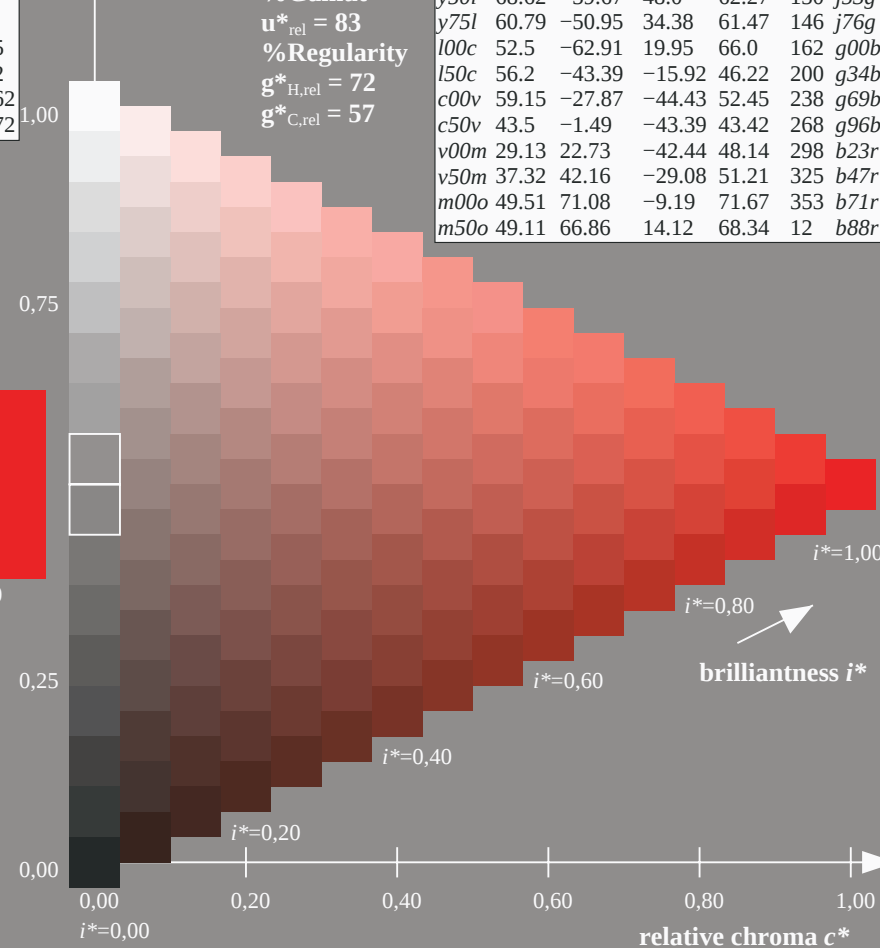
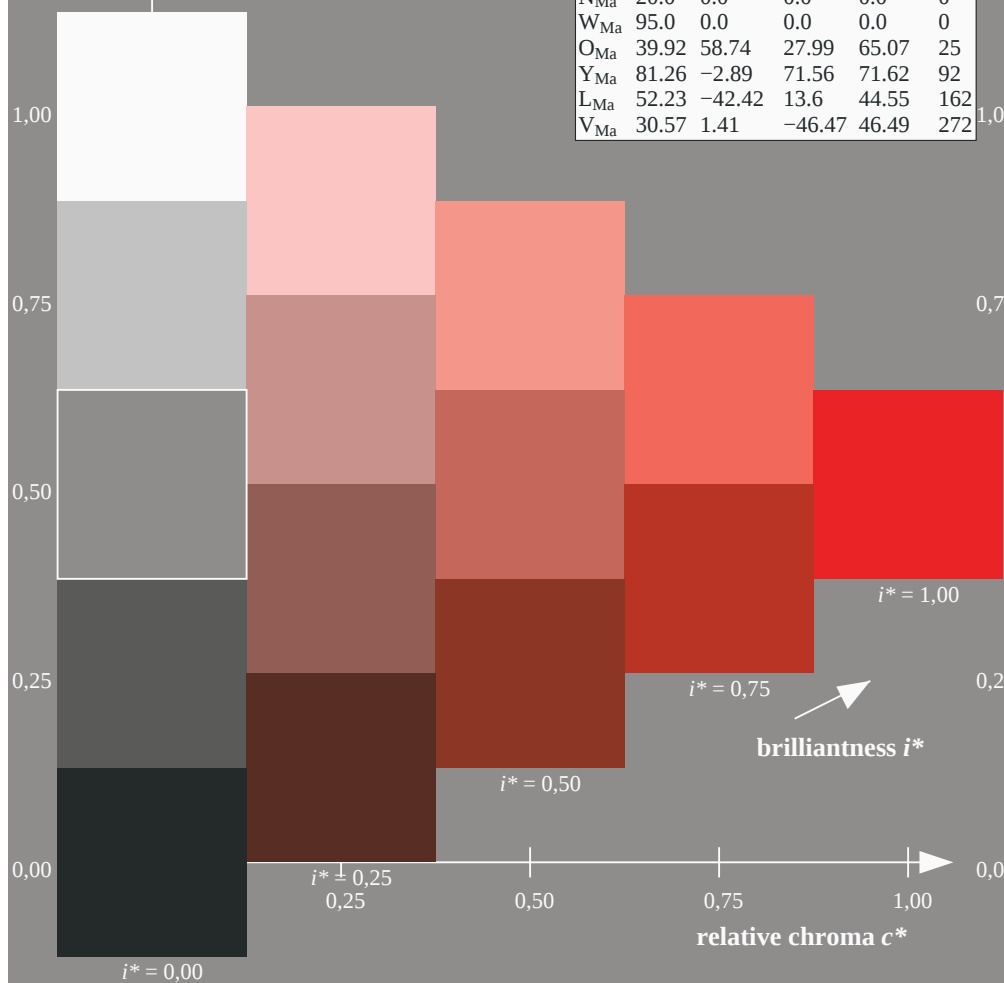
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.71	62.56	37.91	73.15	31	
Y _{Ma}	89.25	-9.92	83.91	84.49	97	
L _{Ma}	52.5	-62.91	19.95	66.0	162	
C _{Ma}	59.15	-27.87	-44.43	52.45	238	
V _{Ma}	29.13	22.73	-42.44	48.14	298	
M _{Ma}	49.51	71.08	-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^*

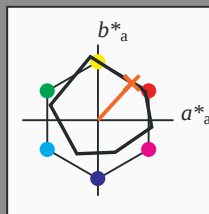
Hue texts:

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

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

$u^*_{rel} = 83$

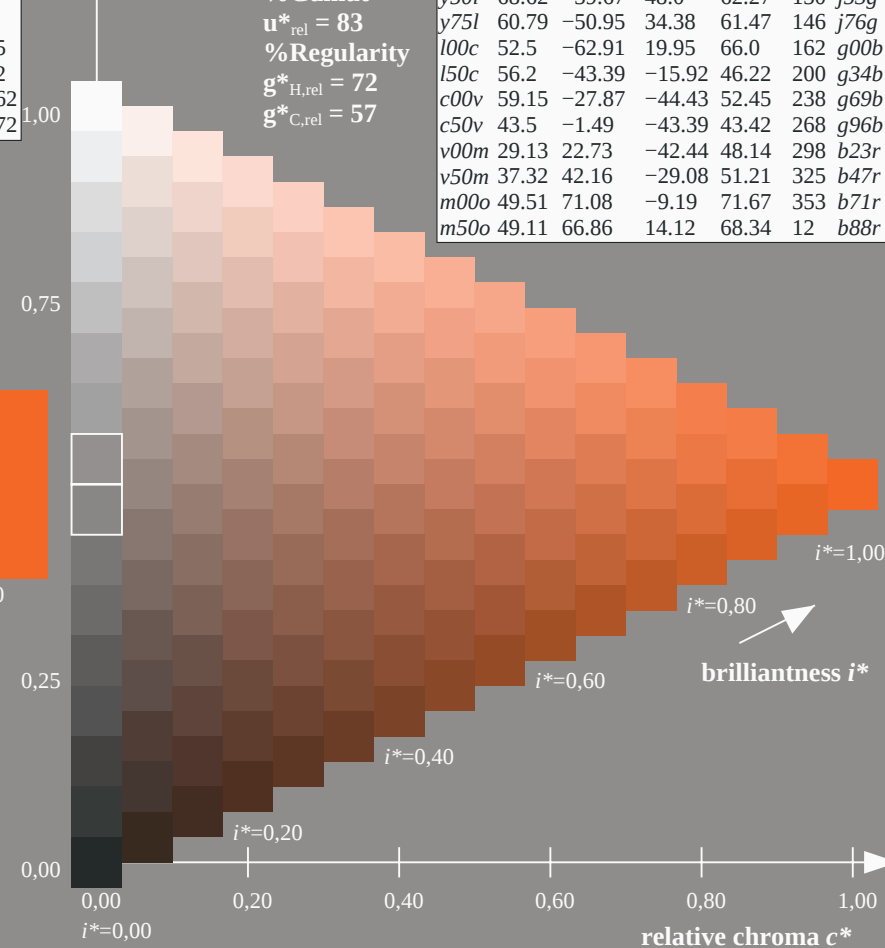
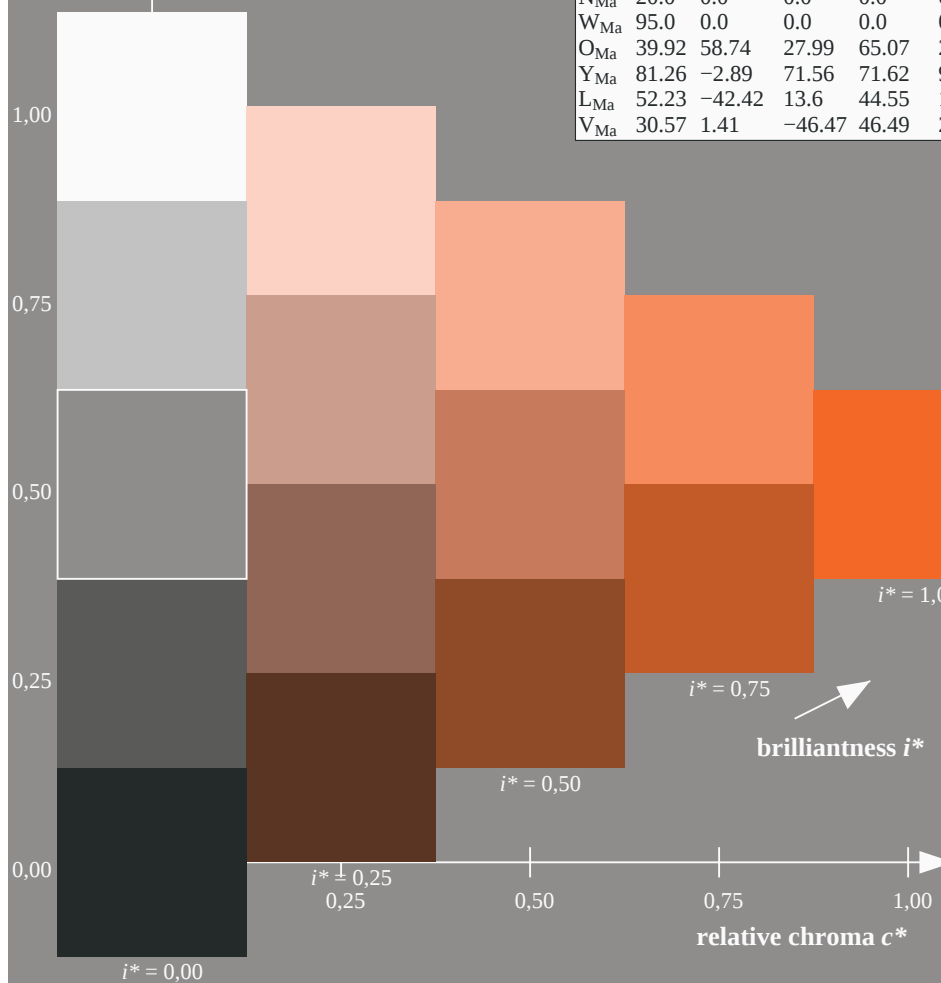
%Regularity

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

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

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.178$

data for any colour:

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

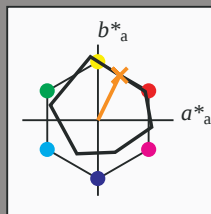
Hue texts:

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

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

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

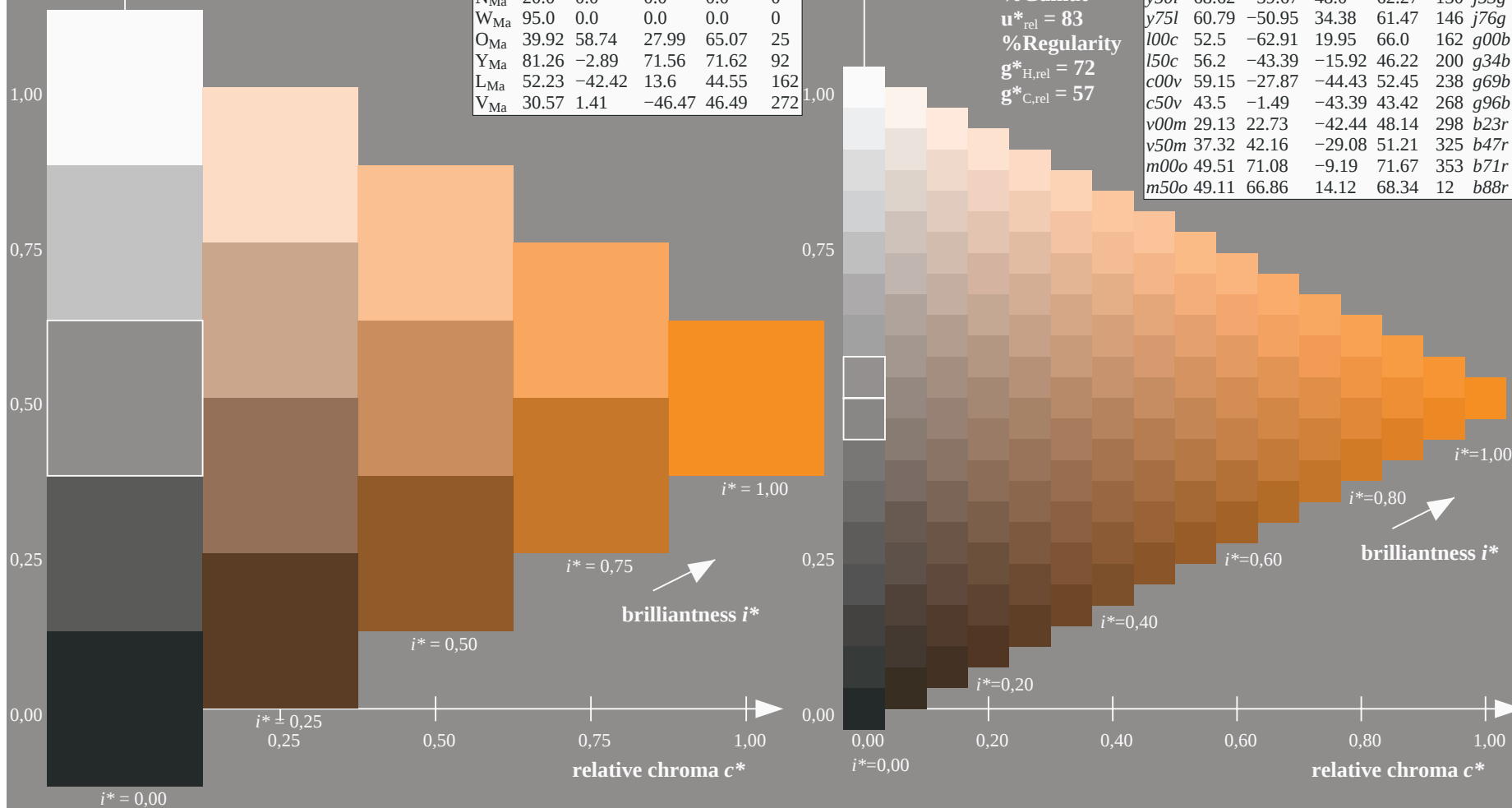
%Regularity

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

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

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



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^*

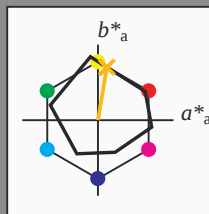
Hue texts:

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

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

$u^*_{rel} = 83$

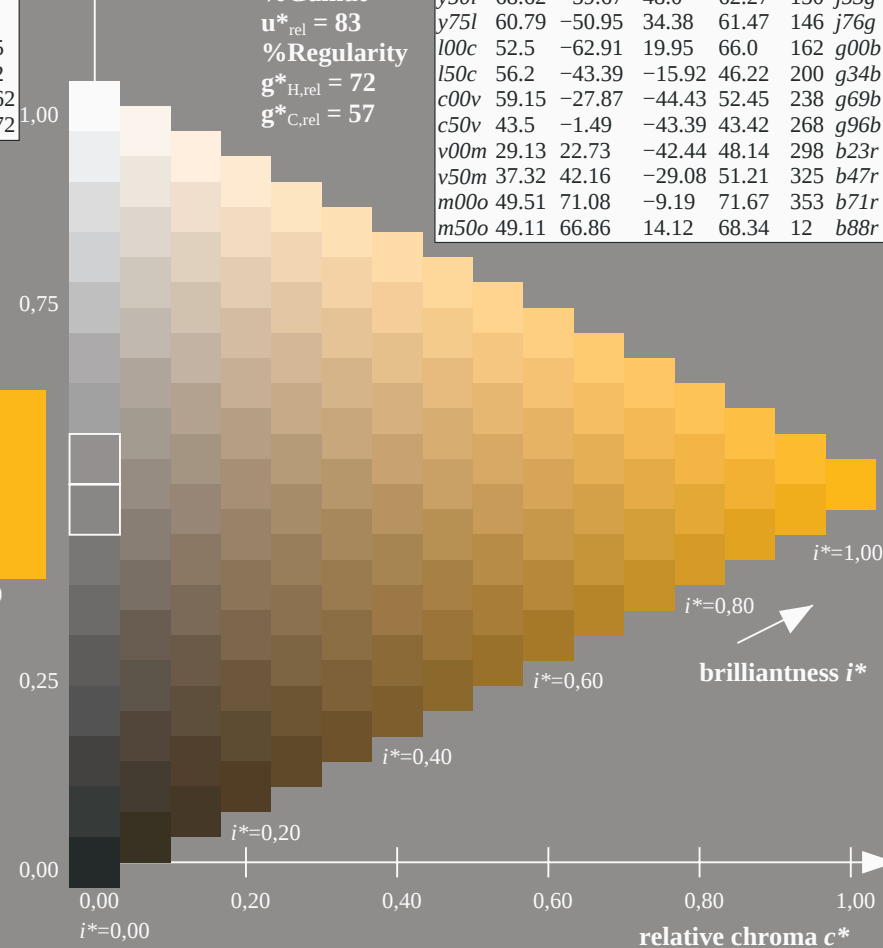
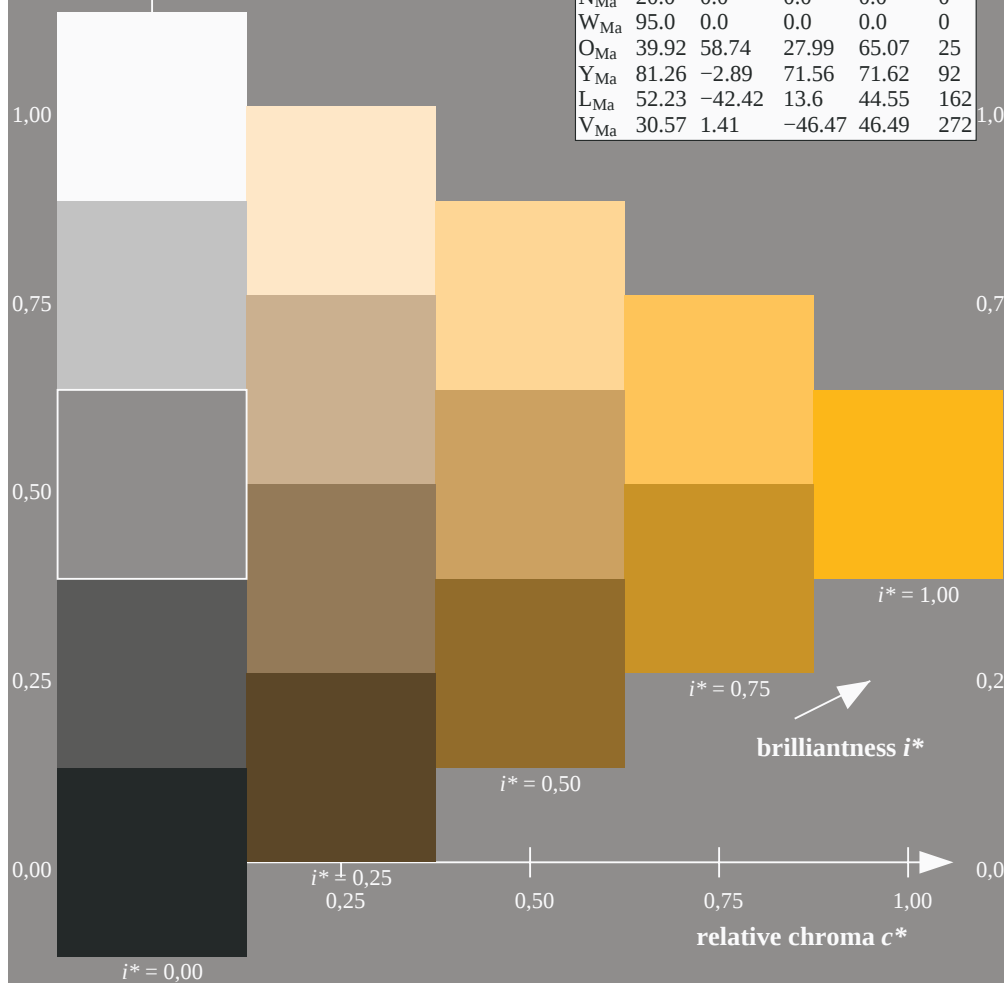
%Regularity

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

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

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^*

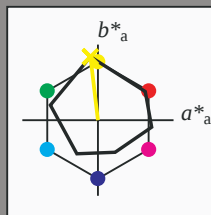
Hue texts:

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

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

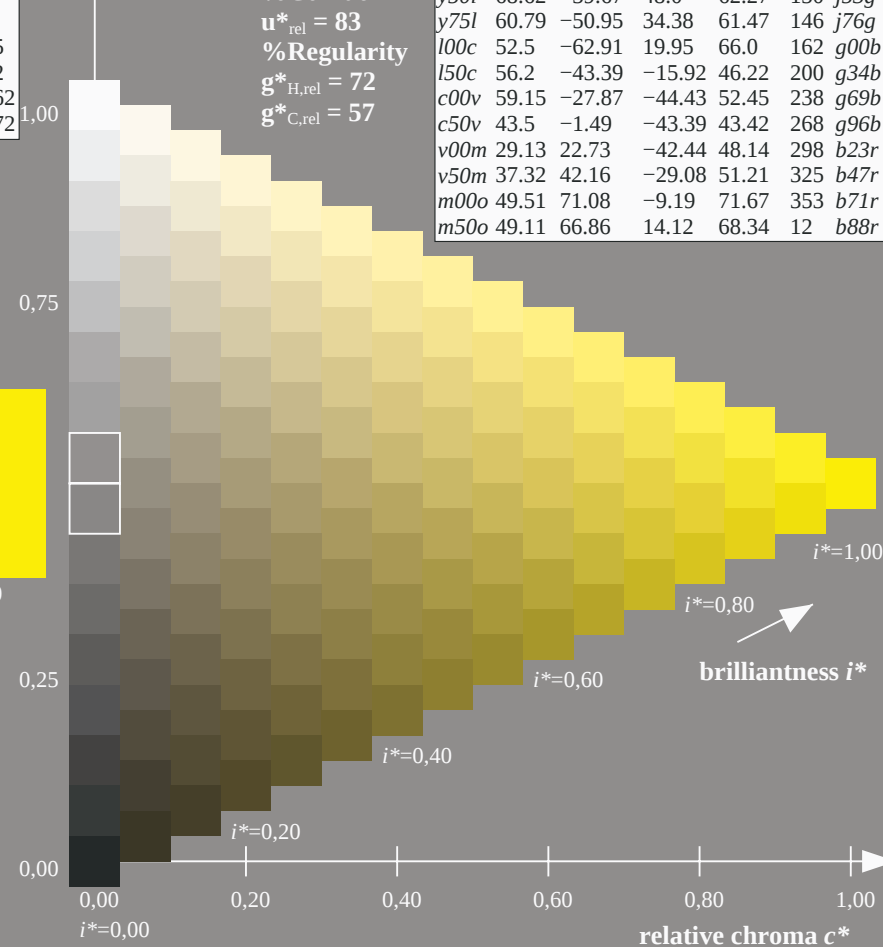
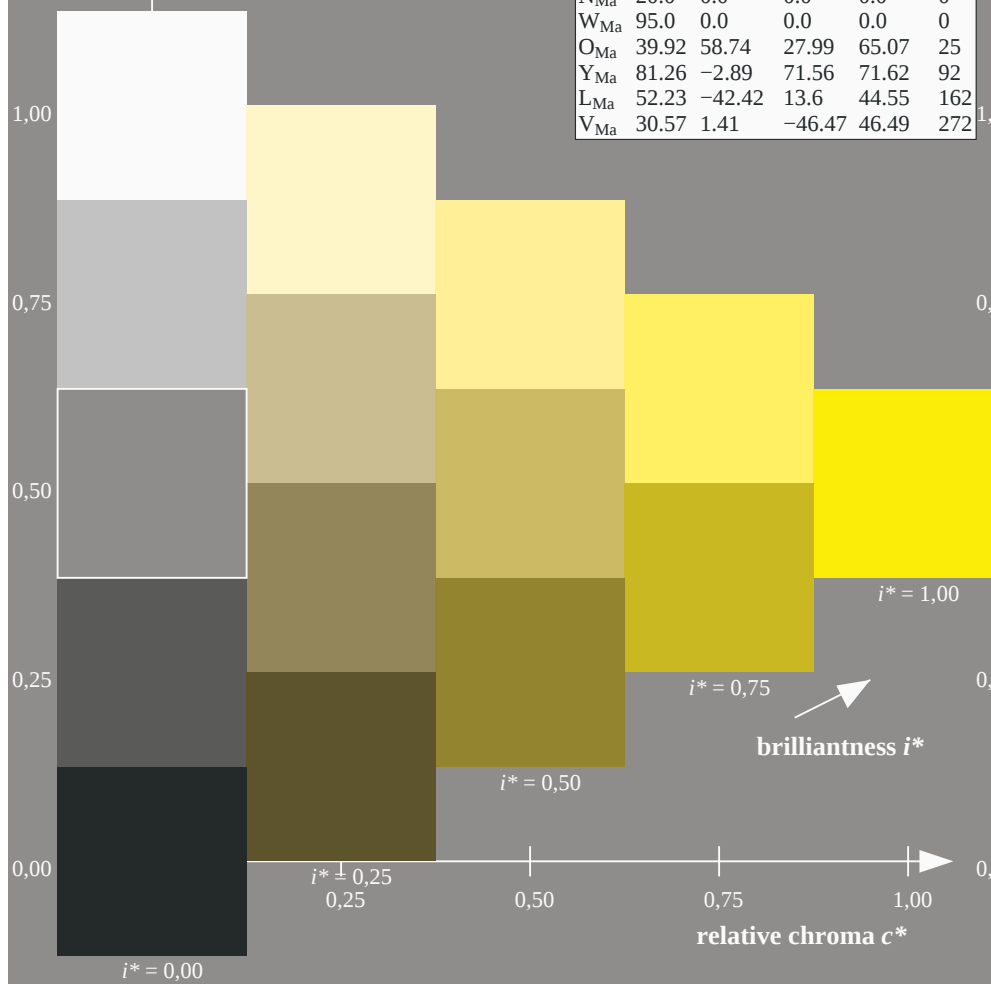
$g^*_{H,rel} = 72$

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

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^*

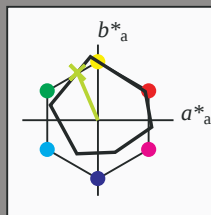
Hue texts:

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

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

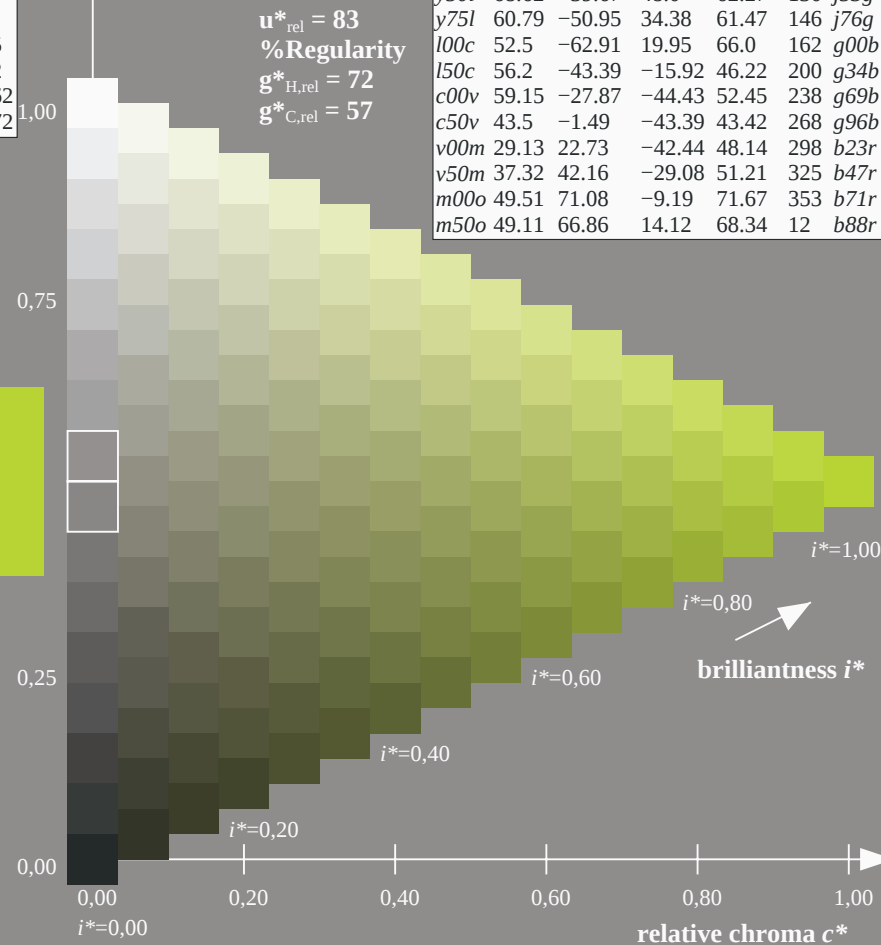
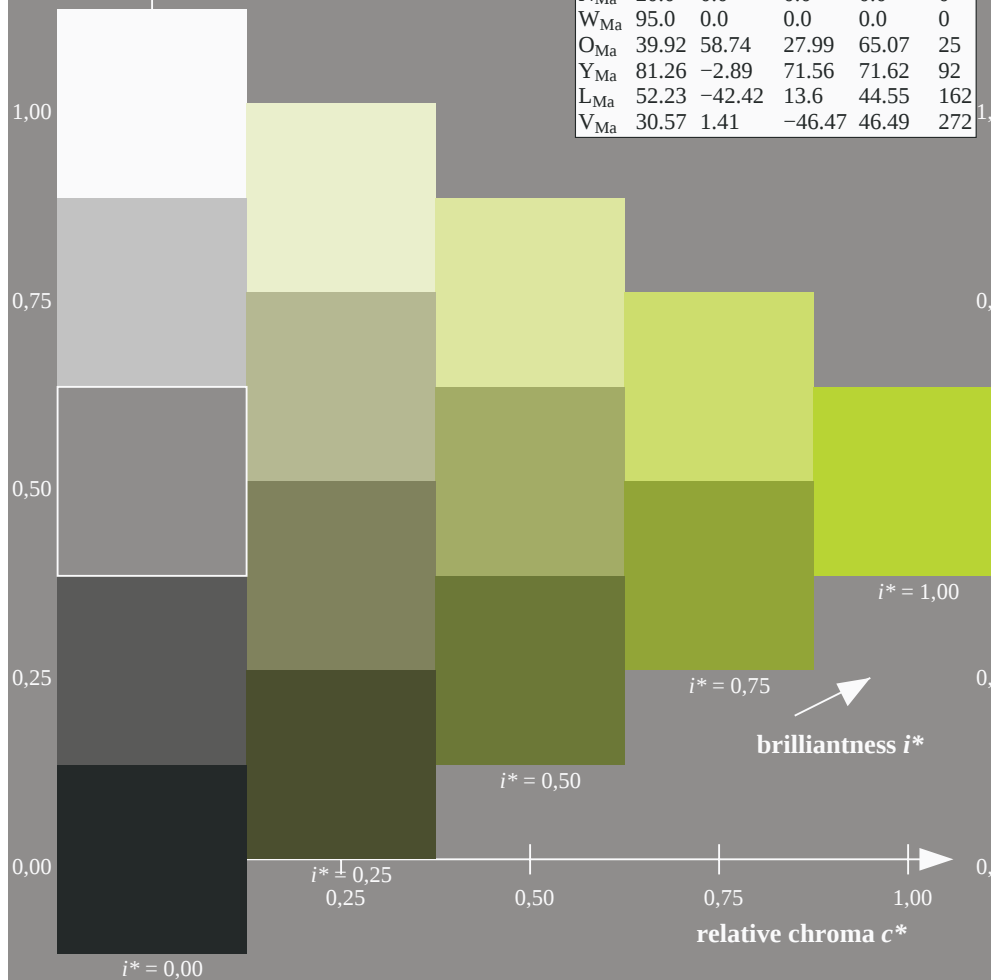
$g^*_{H,rel} = 72$

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

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

$u^*_d = y25l$



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^*

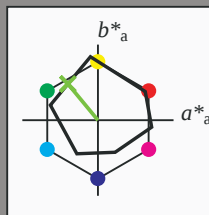
Hue texts:

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

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

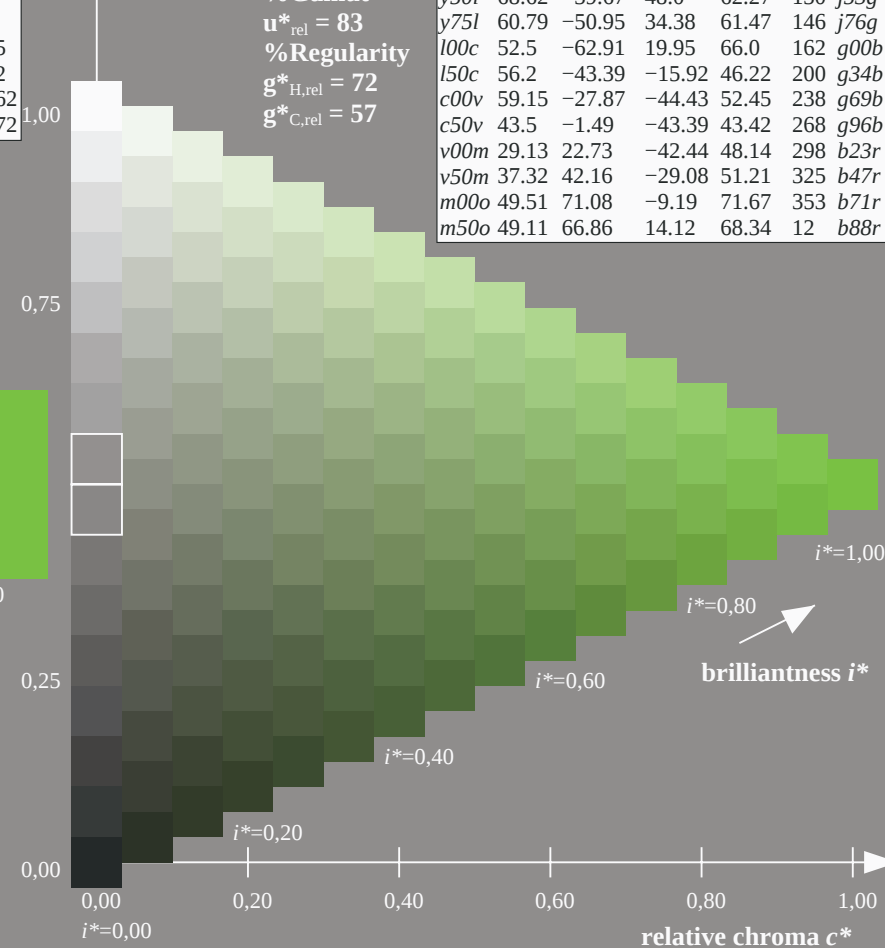
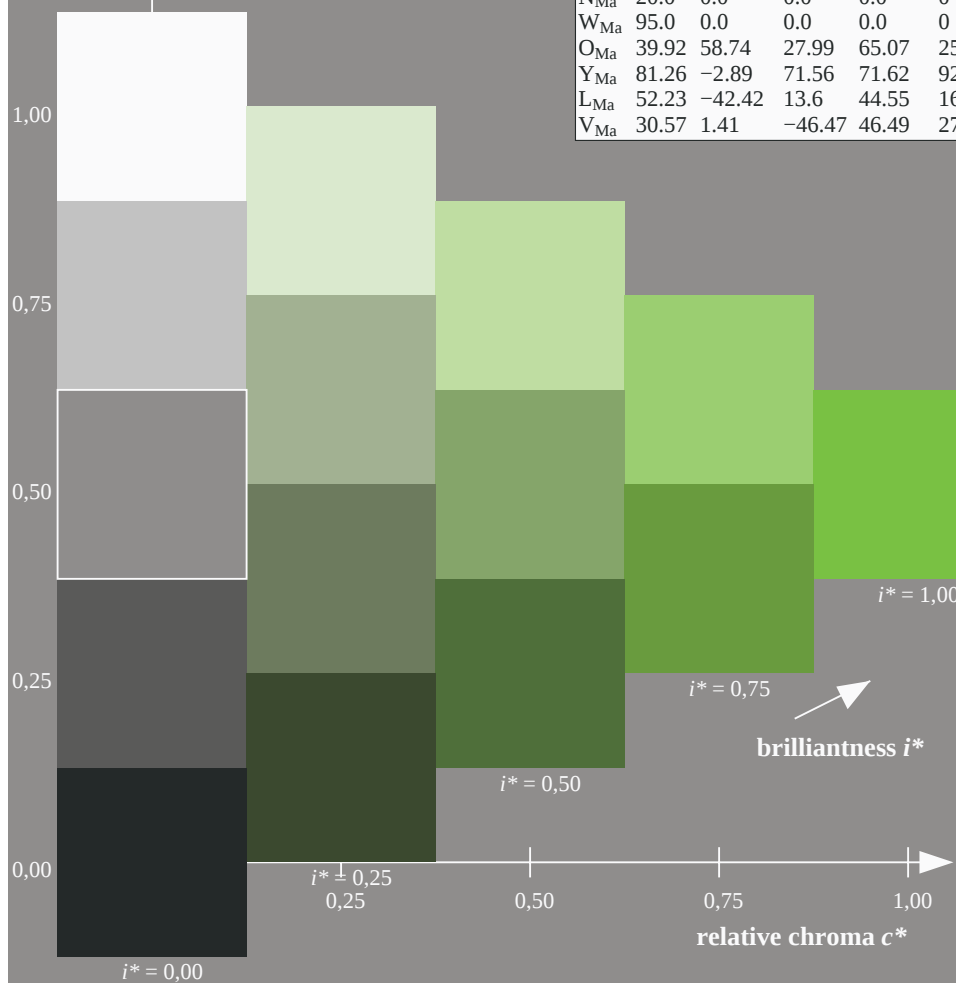
$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

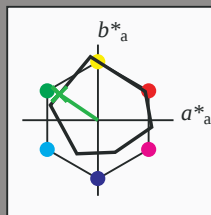
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	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

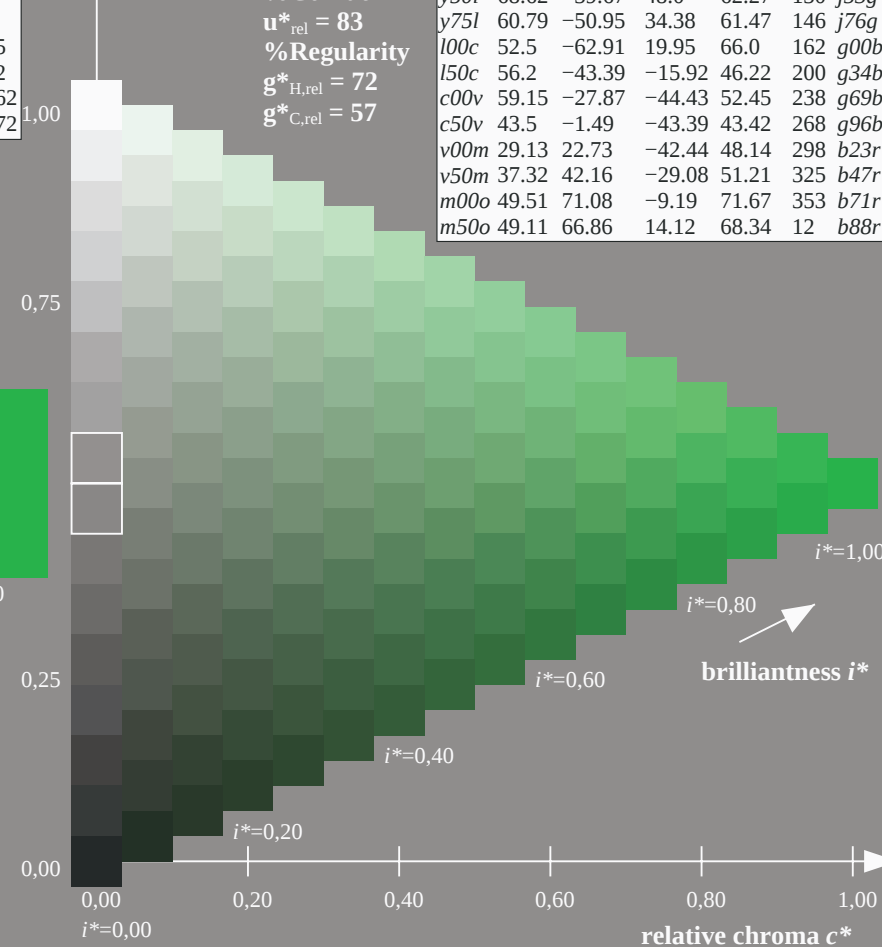
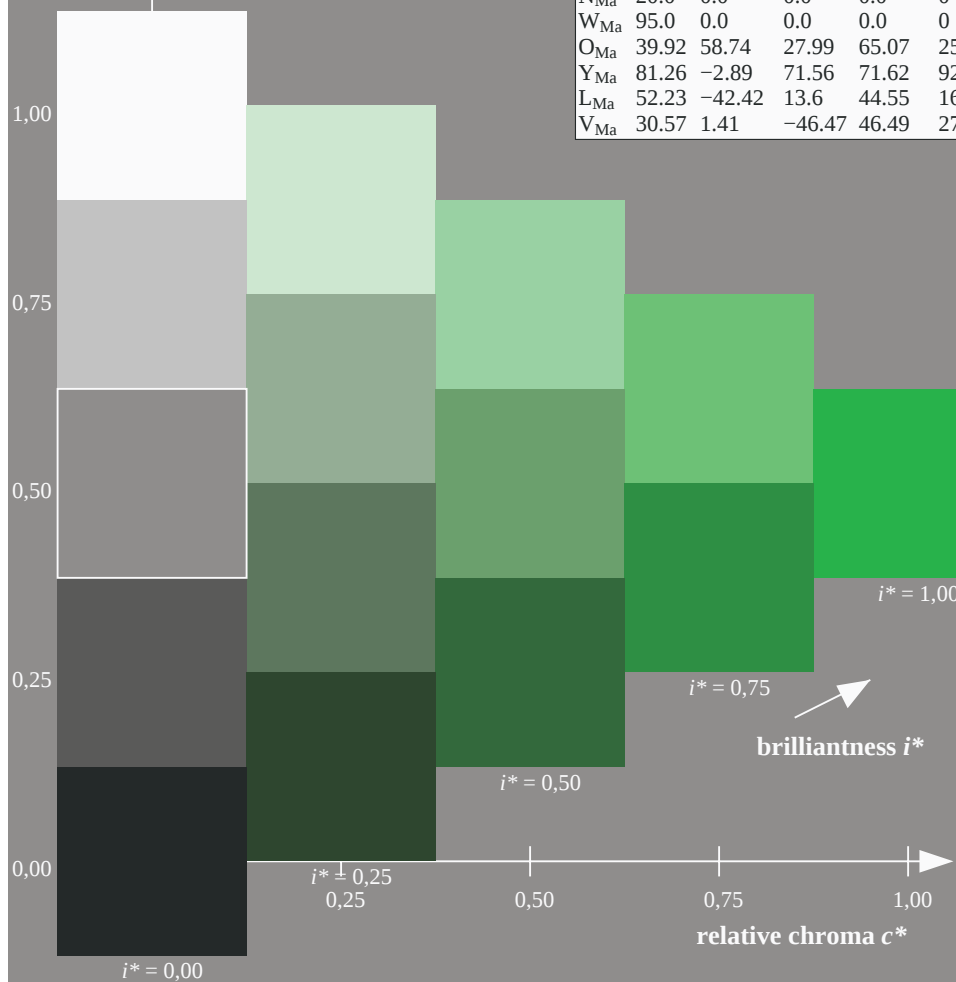
$u^*_{rel} = 83$

%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



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^*

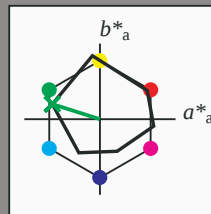
Hue texts:

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

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

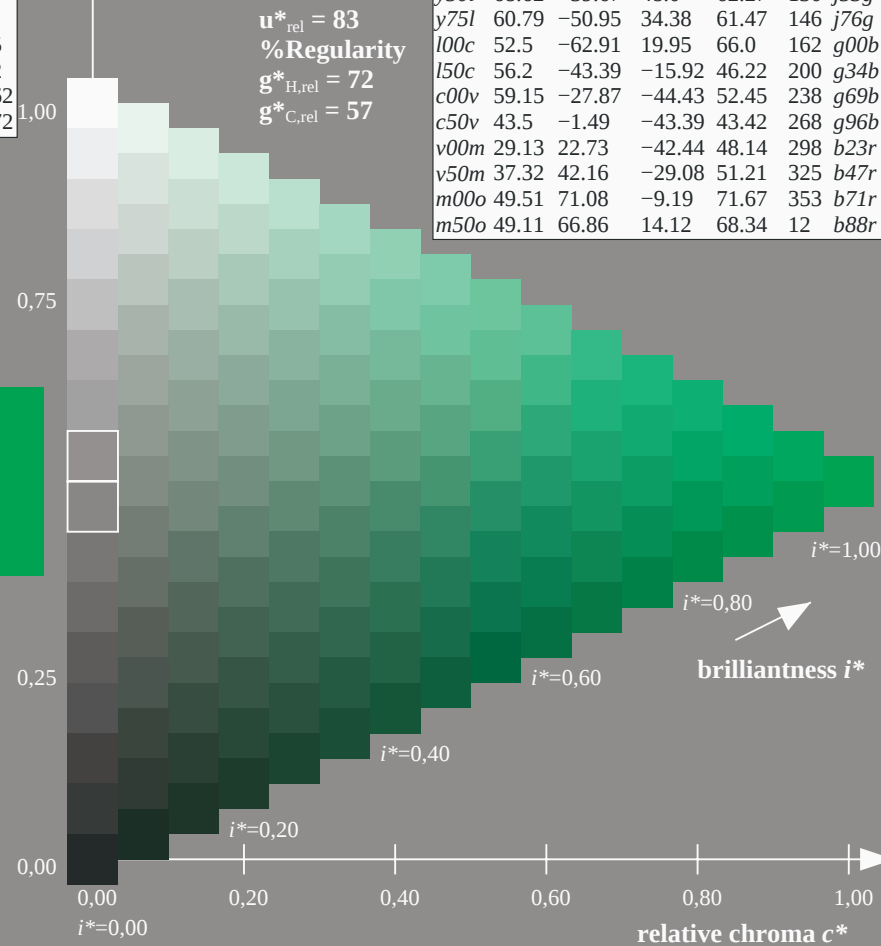
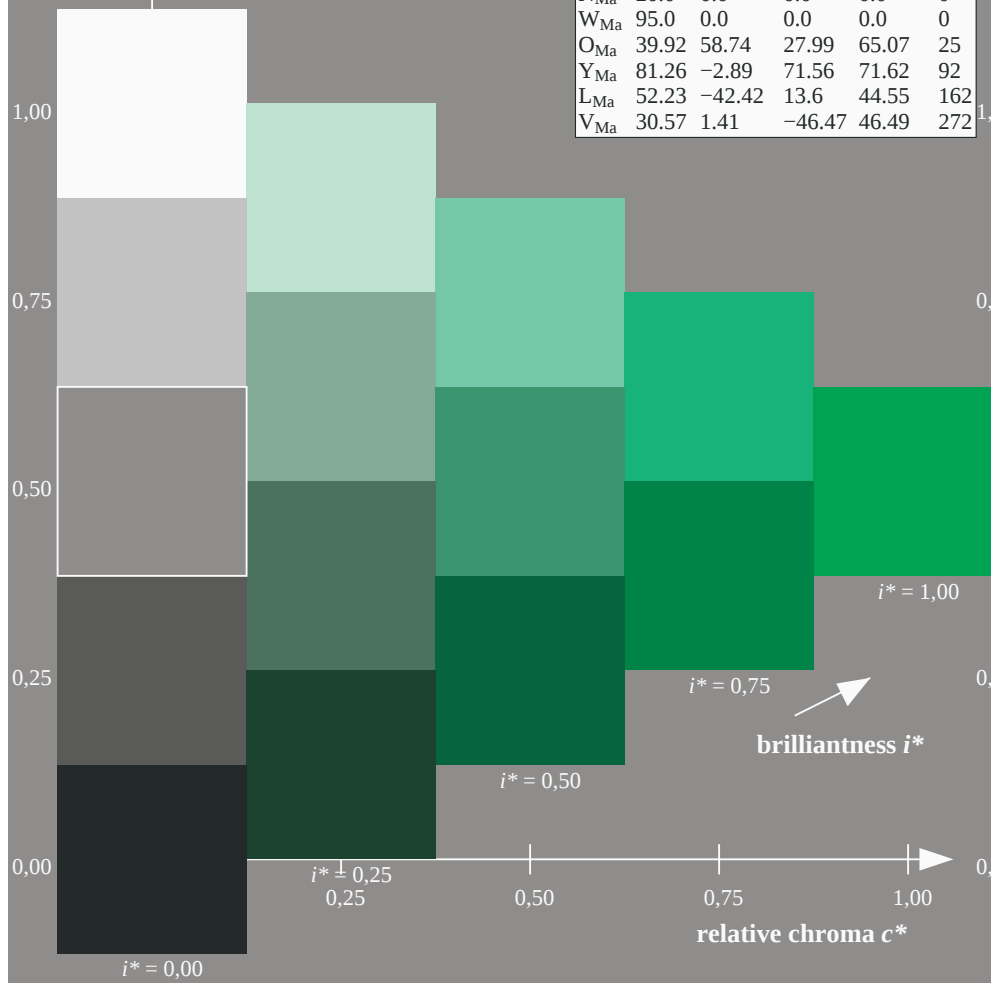
$g^*_{H,rel} = 72$

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

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^*

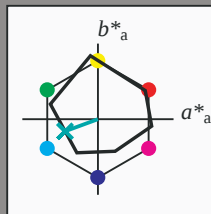
Hue texts:

$u^*_d = l50c$ $u^*_e = g34b$

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

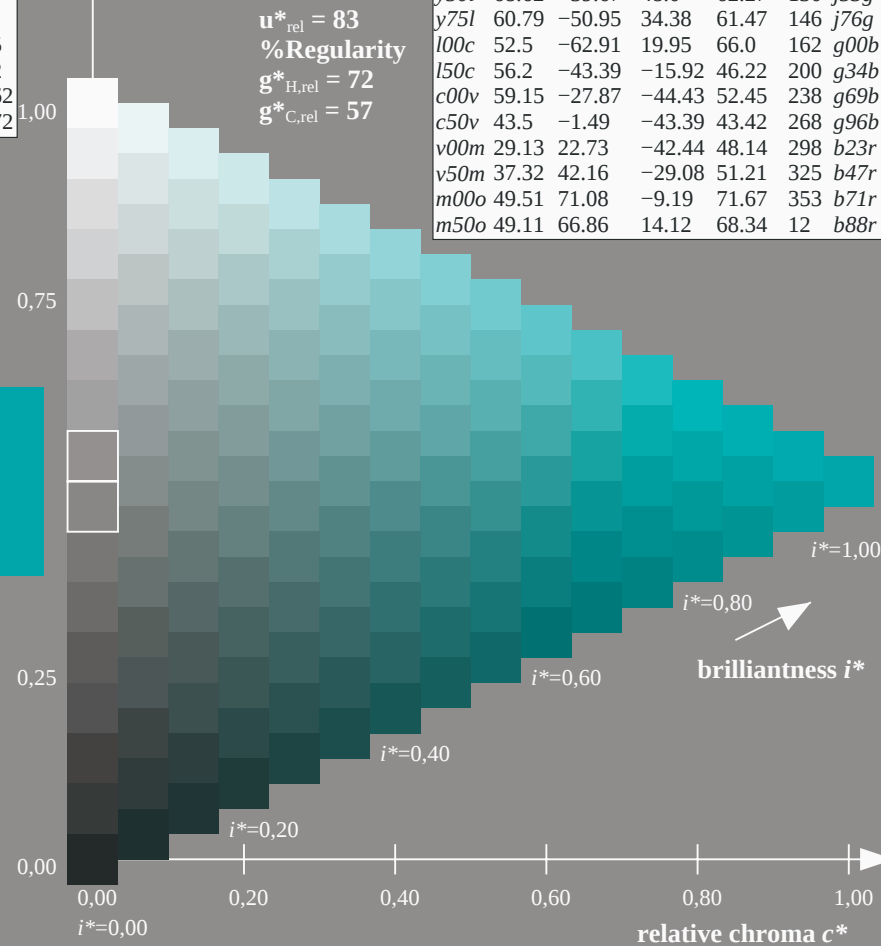
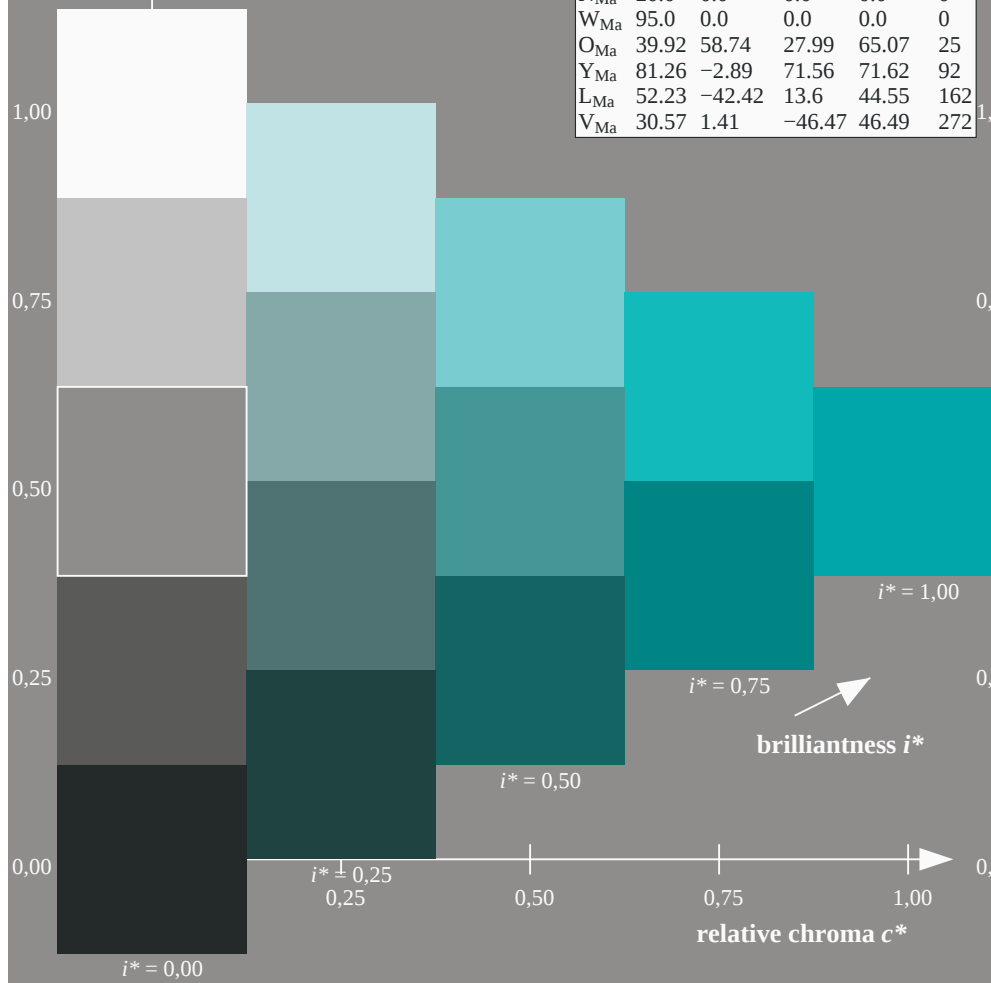
$g^*_{H,rel} = 72$

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

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

$u^*_d = l50c$



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^*

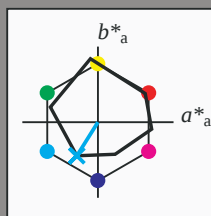
Hue texts:

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

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

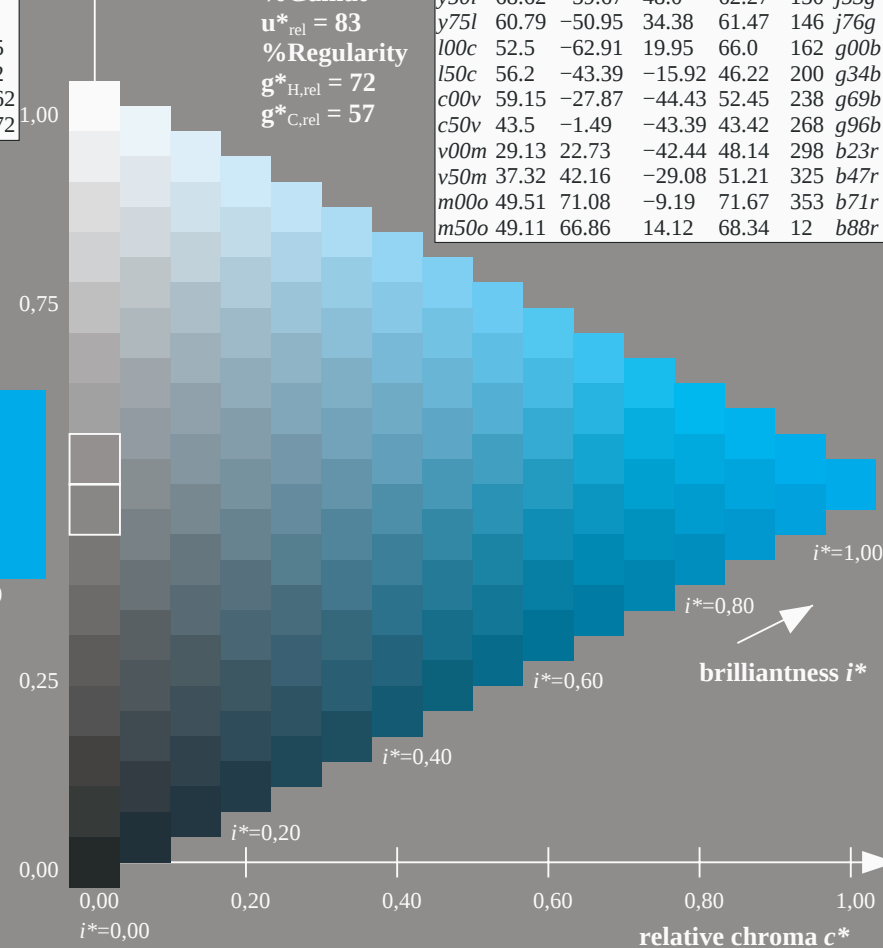
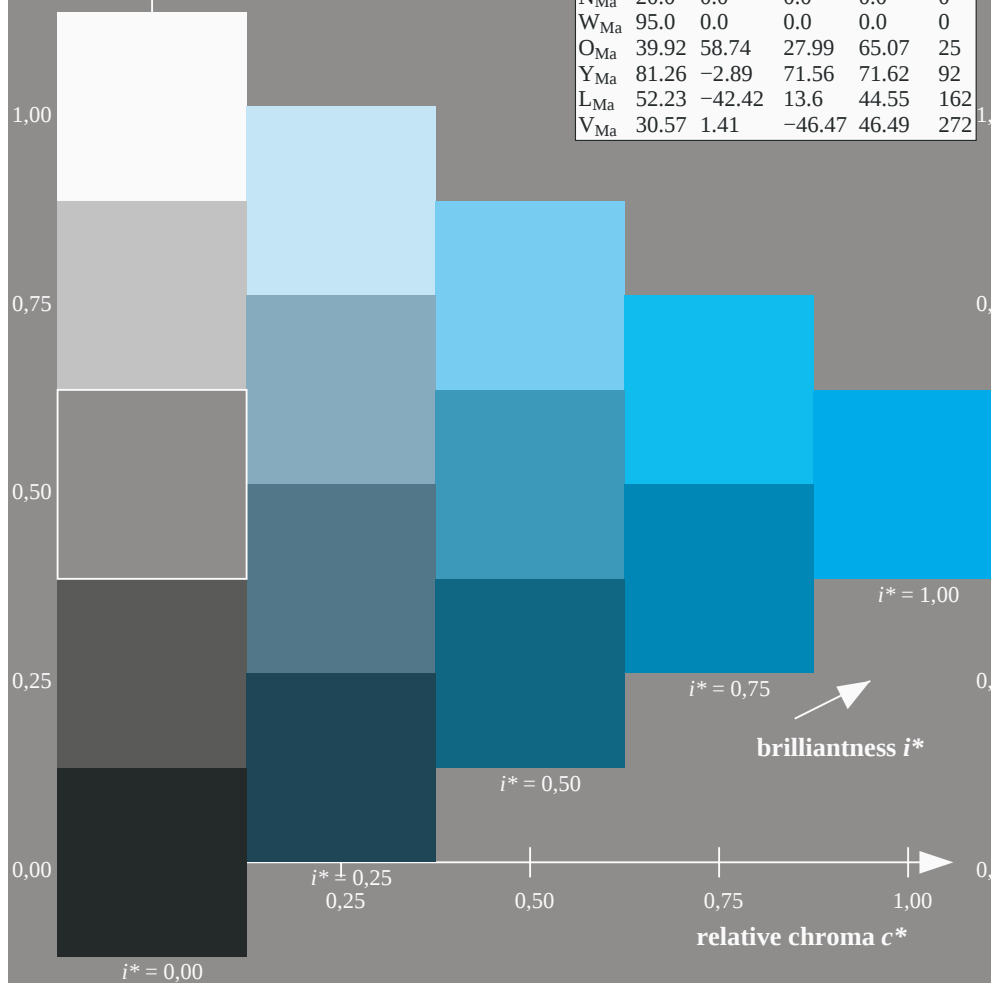
$u^*_{rel} = 83$

%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



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^*

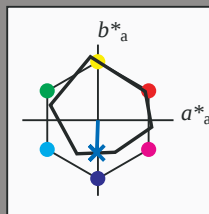
Hue texts:

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

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

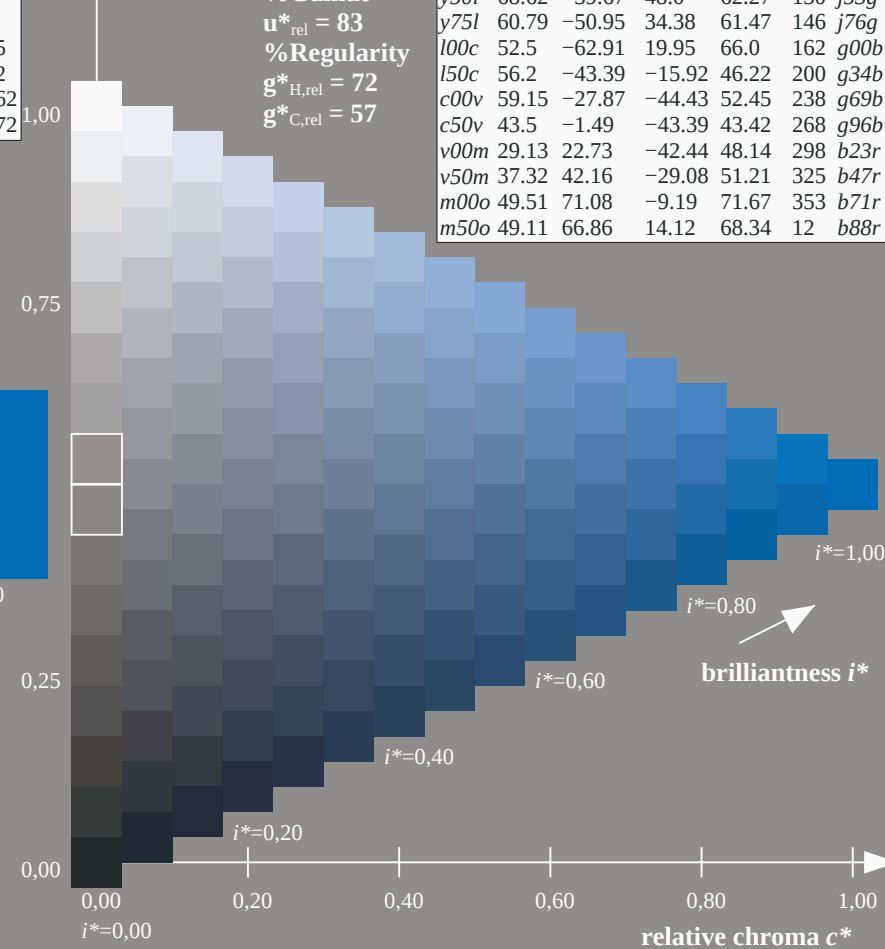
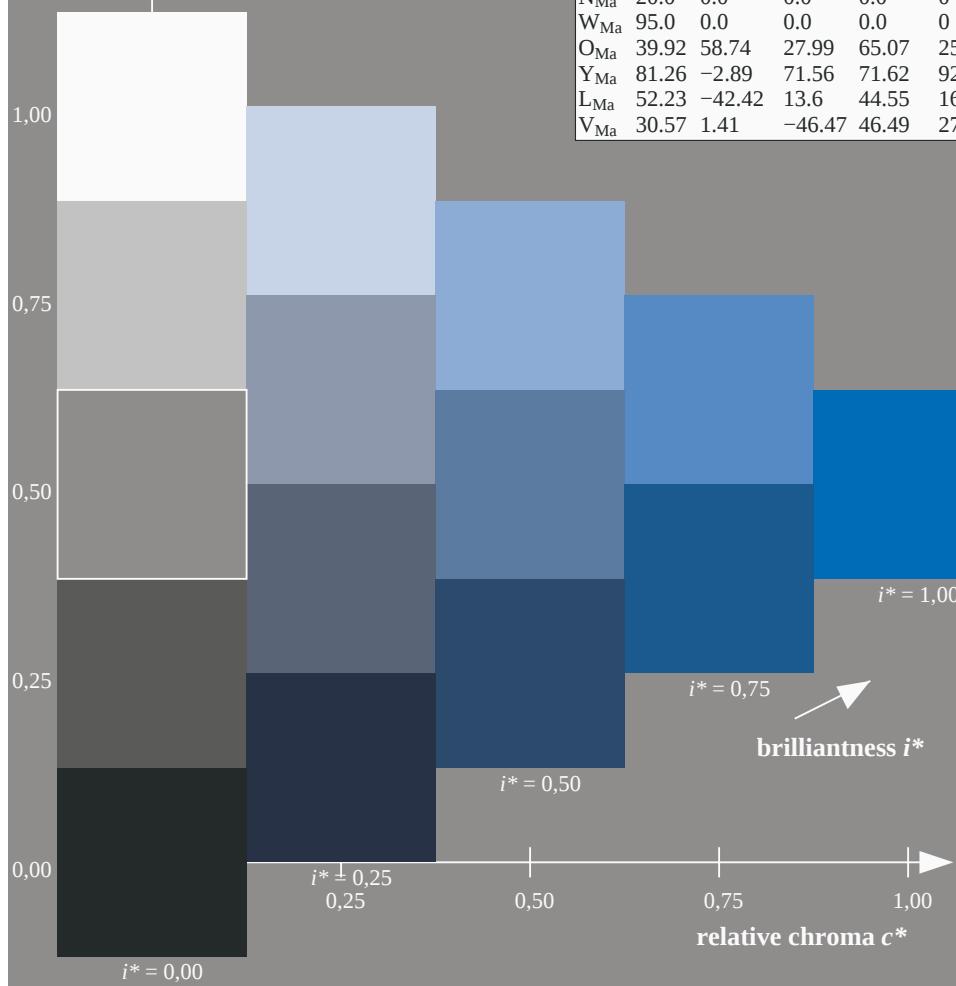
$g^*_{H,rel} = 72$

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

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^*

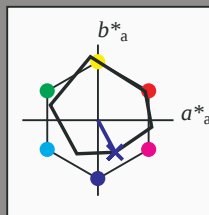
Hue texts:

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

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

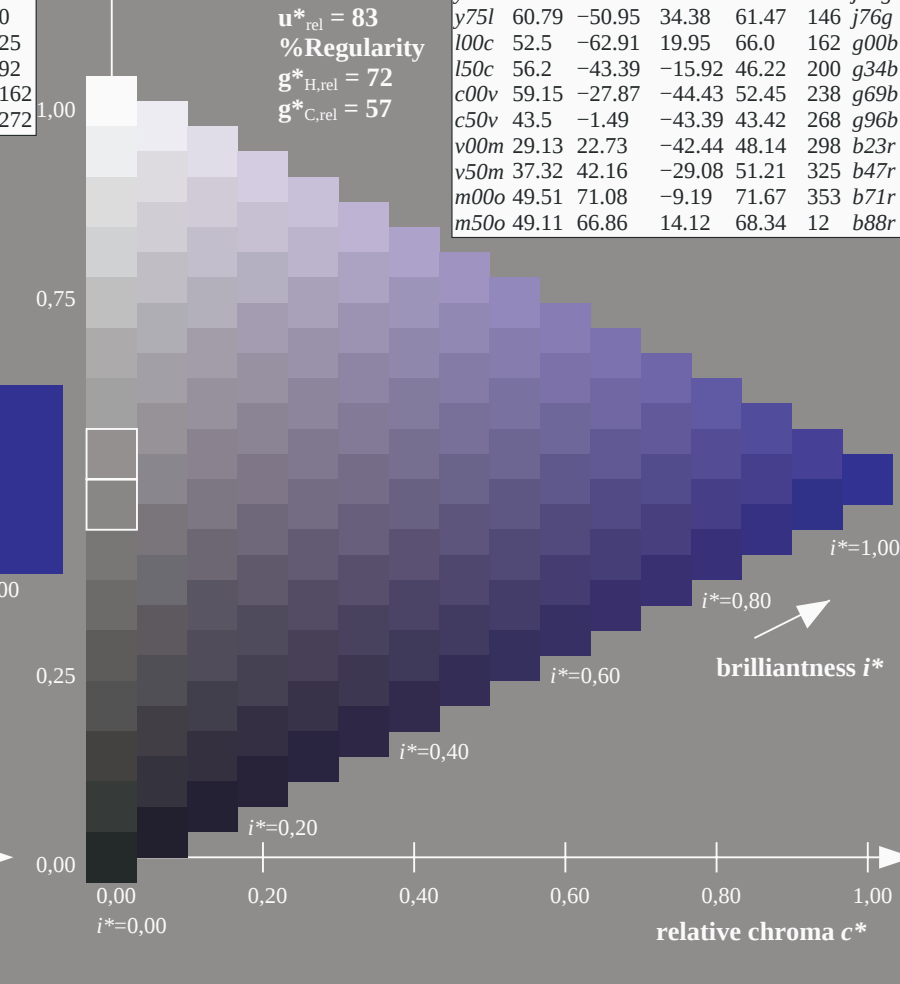
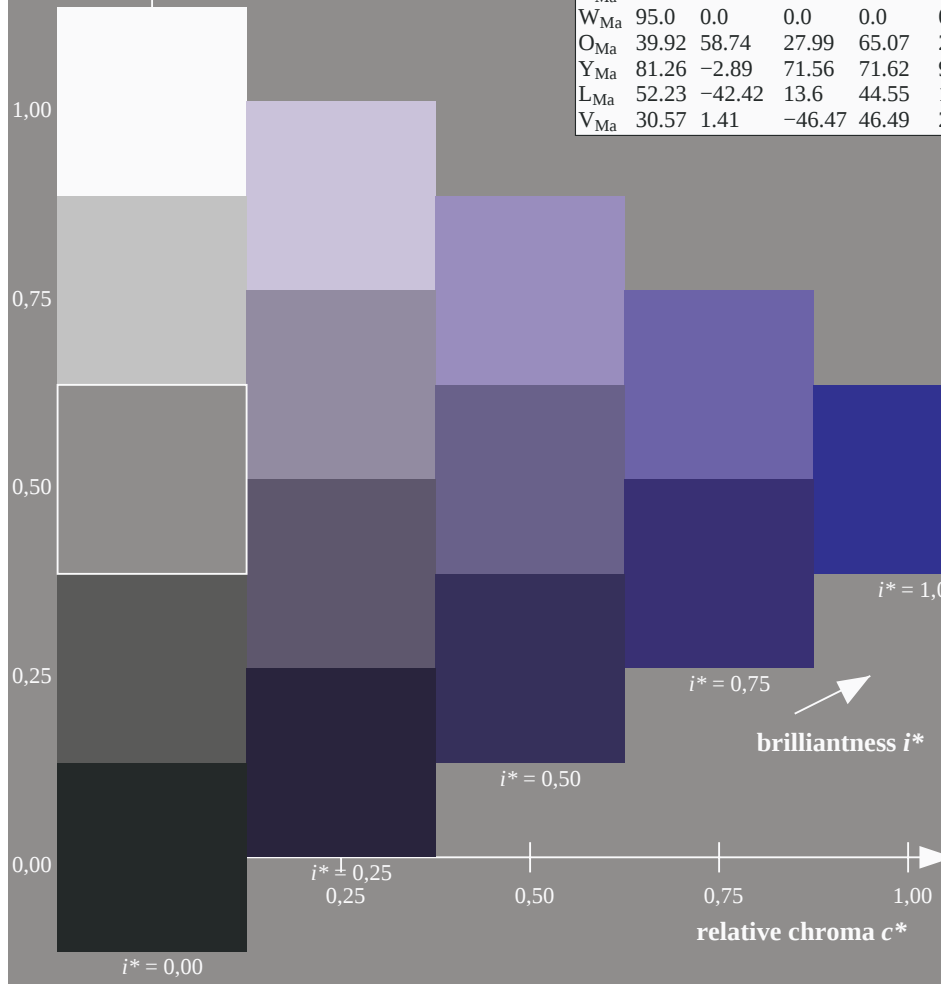
$g^*_{H,rel} = 72$

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

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^*

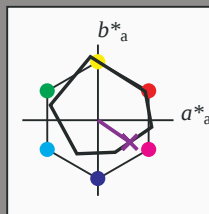
Hue texts:

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

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

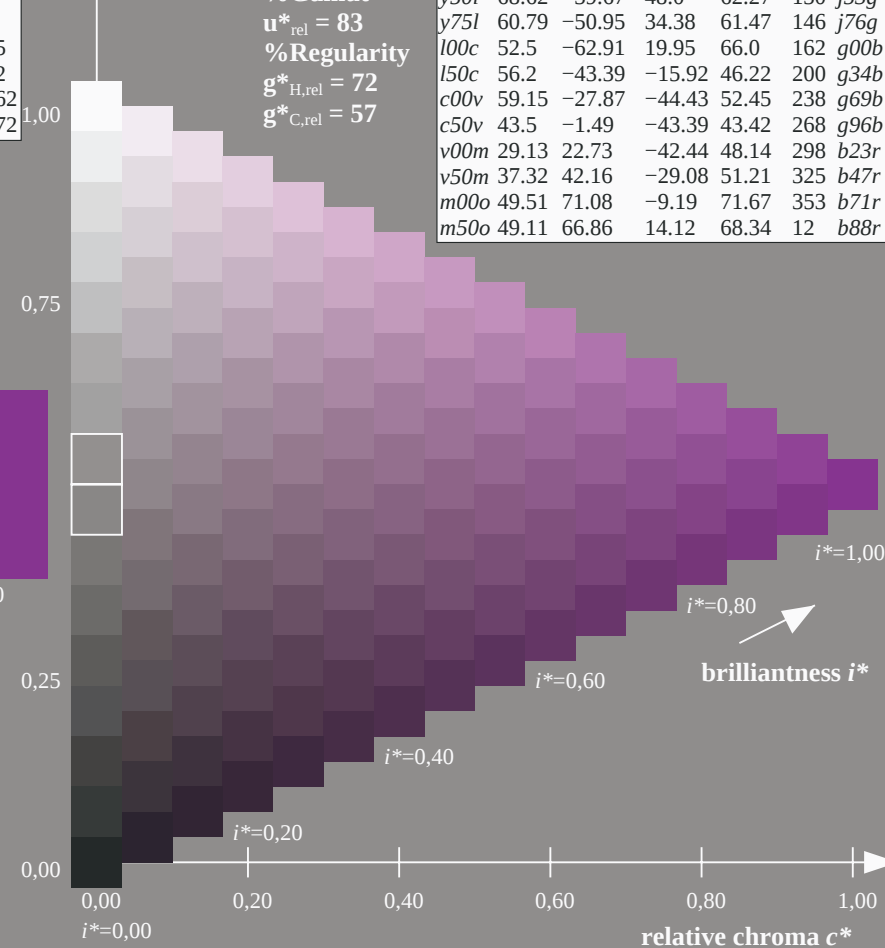
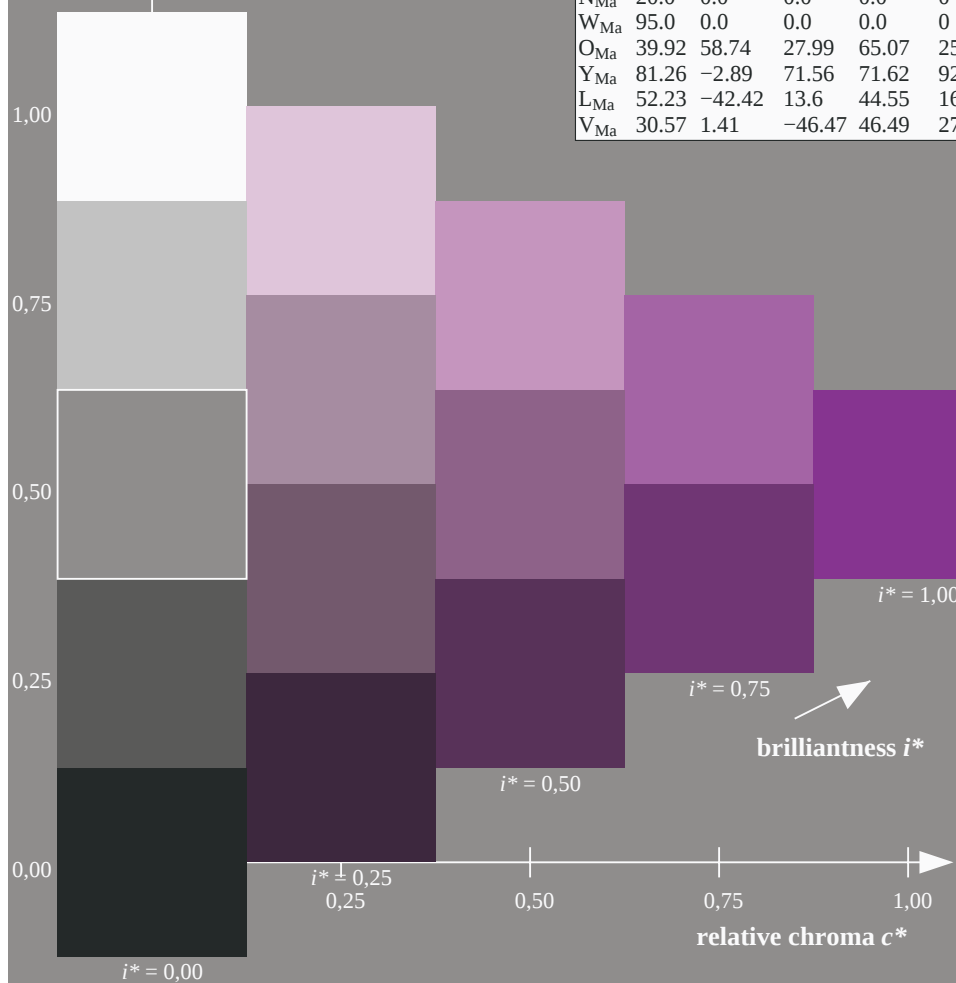
$g^*_{H,rel} = 72$

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

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

$u^*_d = v50m$



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^*

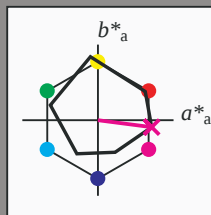
Hue texts:

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

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

$u^*_{rel} = 83$

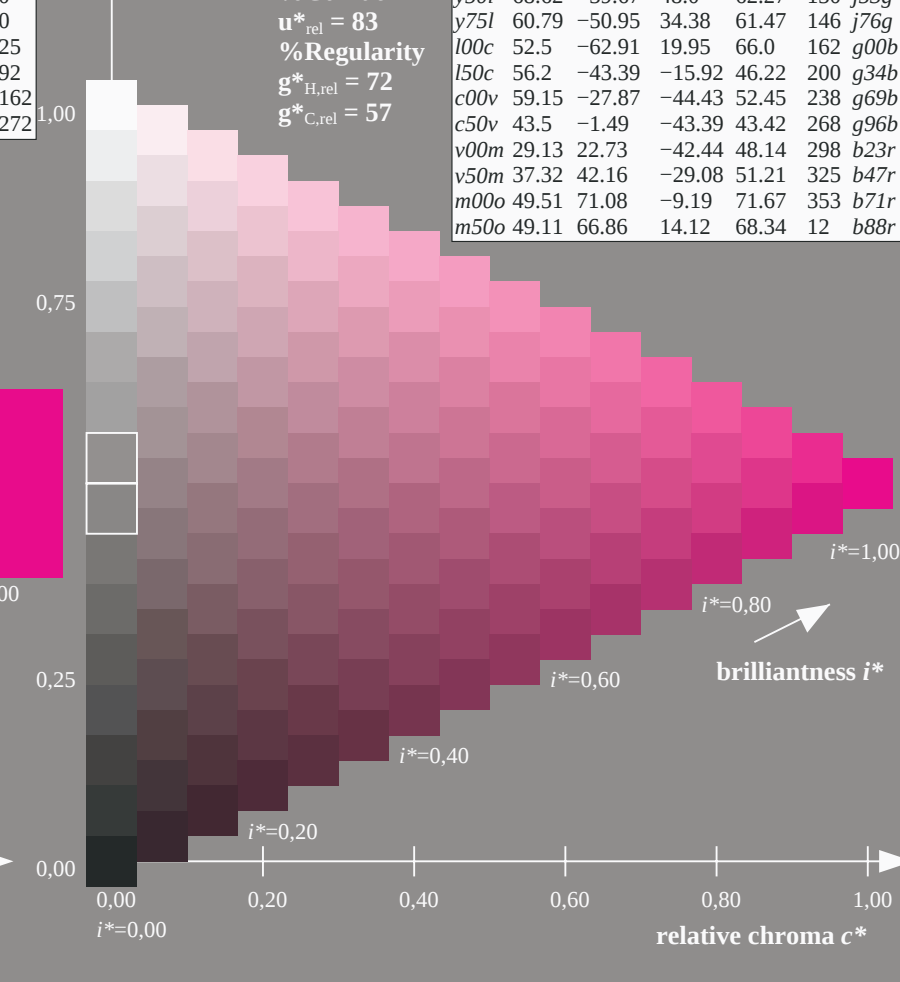
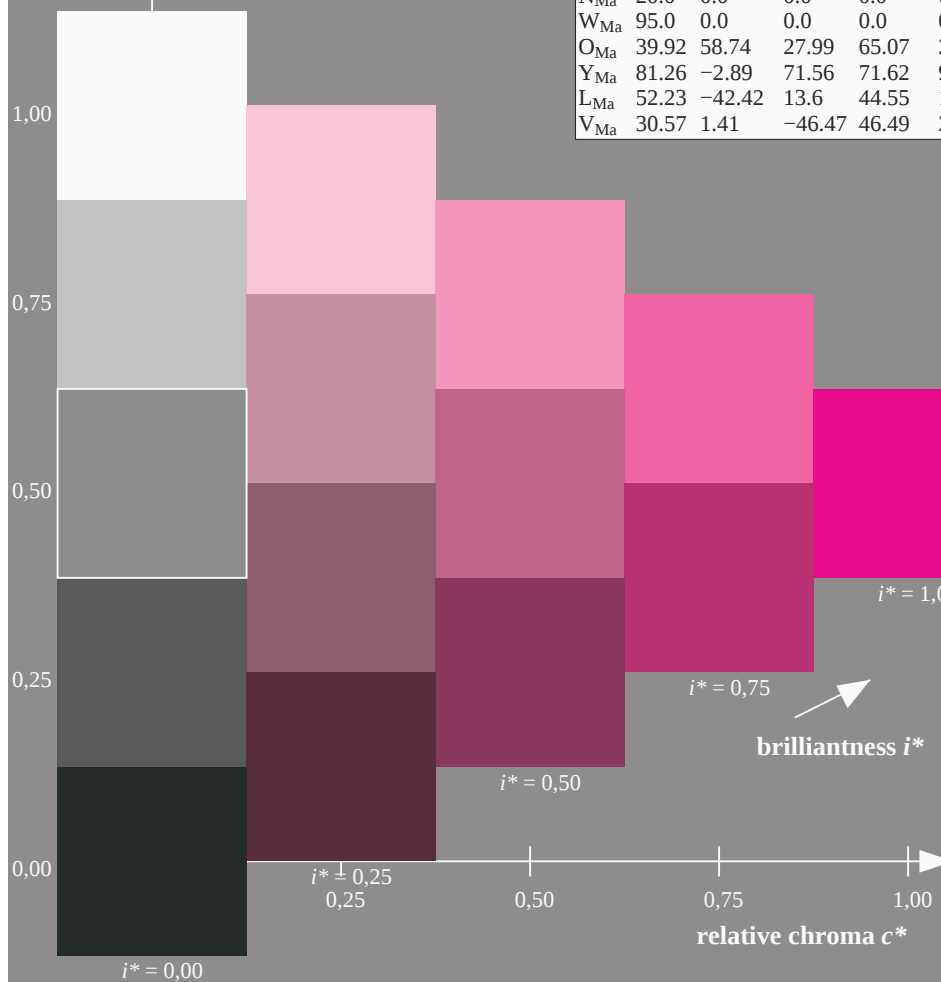
%Regularity

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

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

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^*

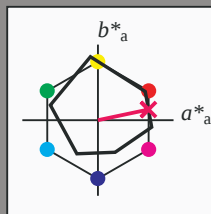
Hue texts:

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

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

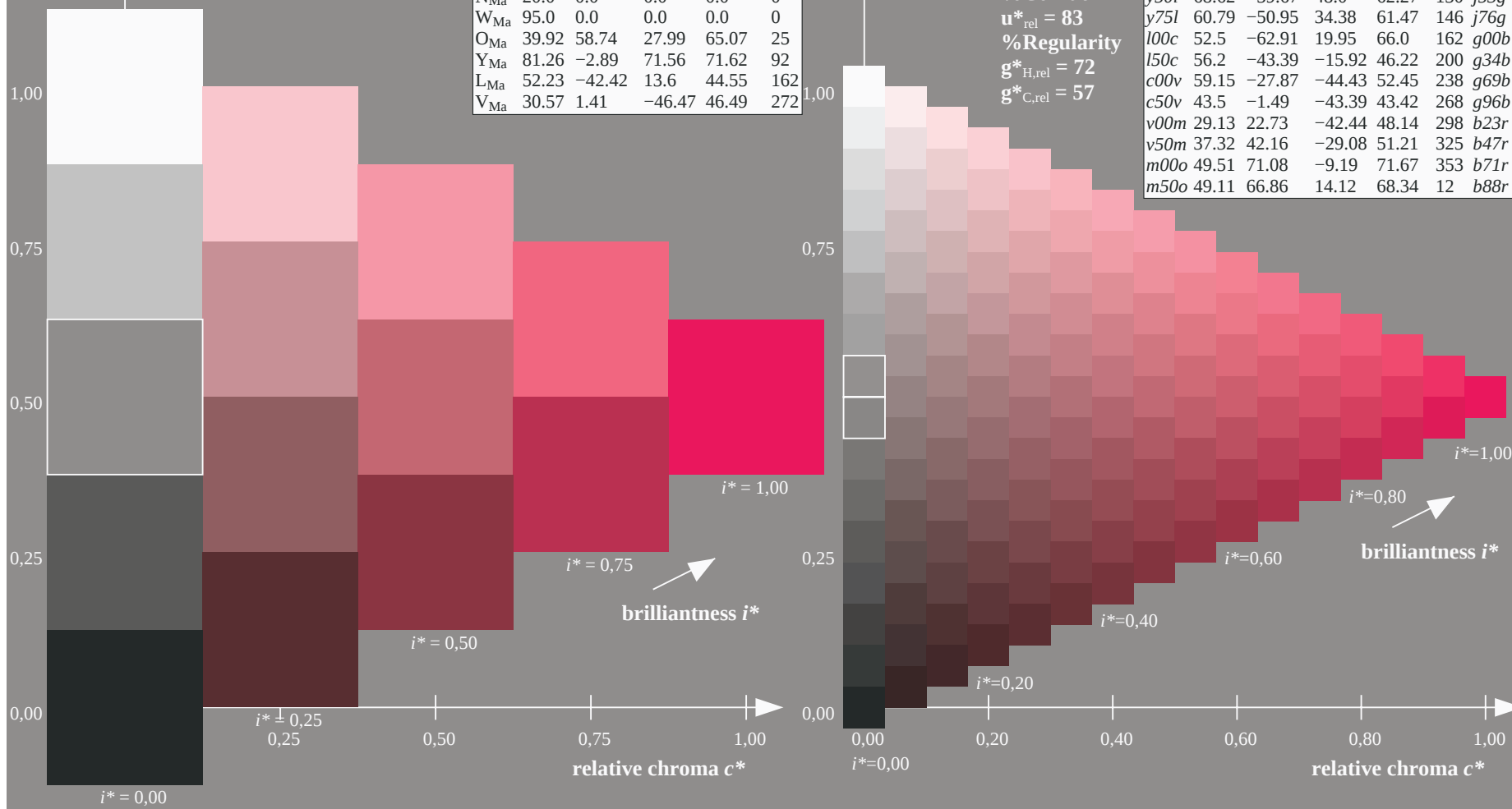
$g^*_{H,rel} = 72$

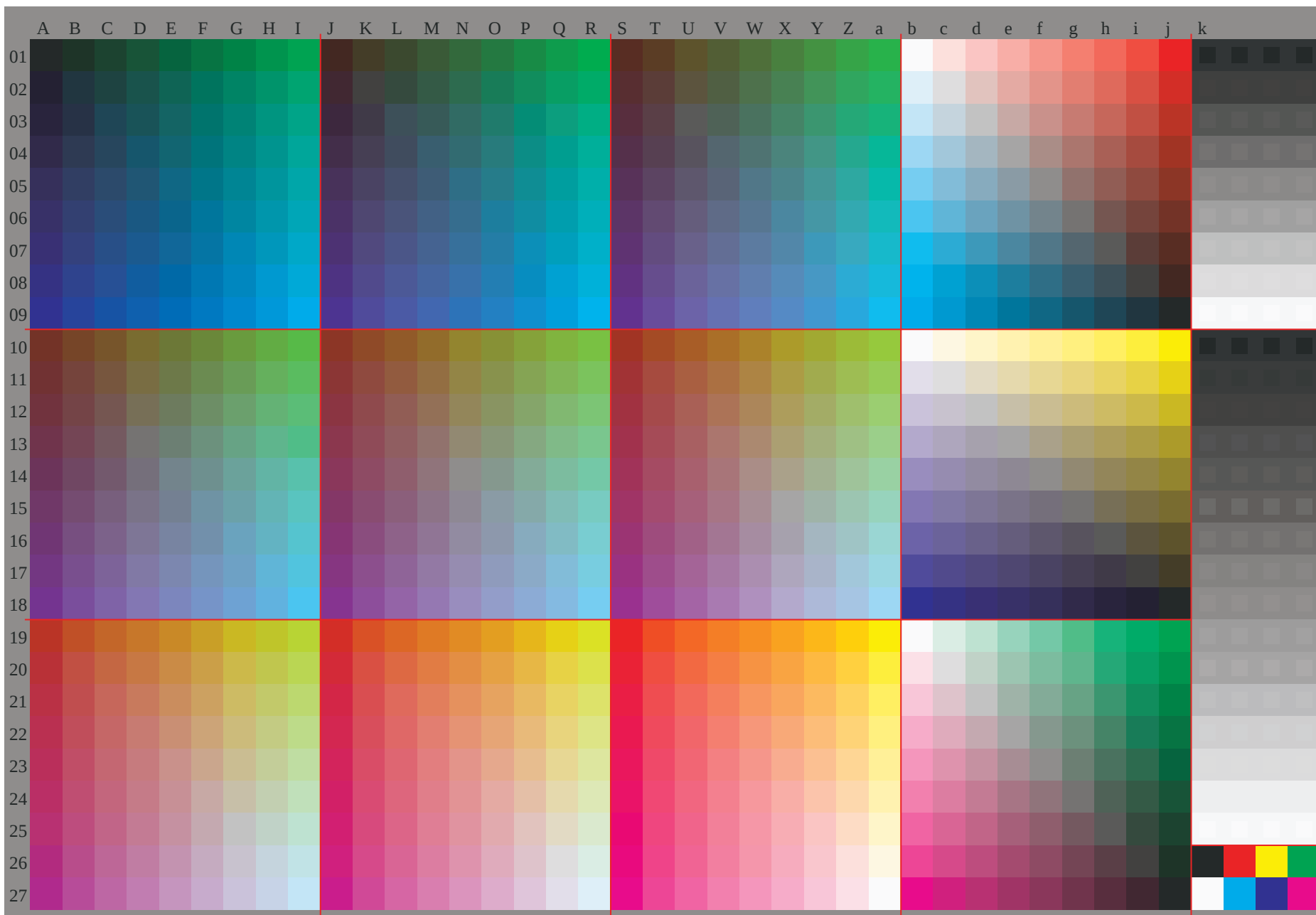
$g^*_{C,rel} = 57$

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/Ee69/>; www.ps.bam.de/Ee69/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIE LAB, ColSpx=1

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

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

device hue text:

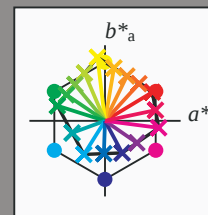
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

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

$u^*_{rel} = 83$

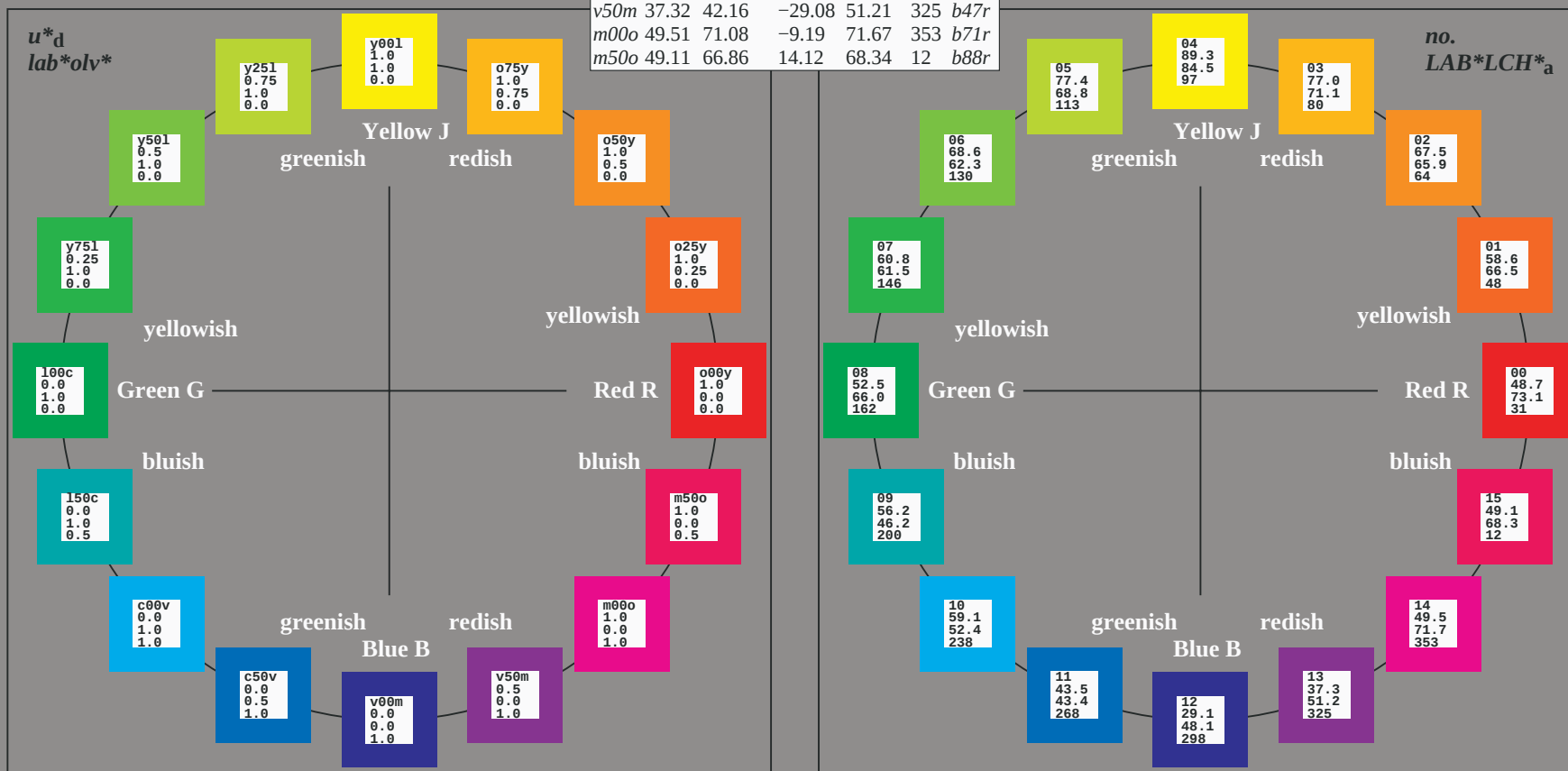
%Regularity

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

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

ORS20_95a; adapted (a) CIELAB data

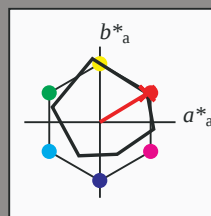
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

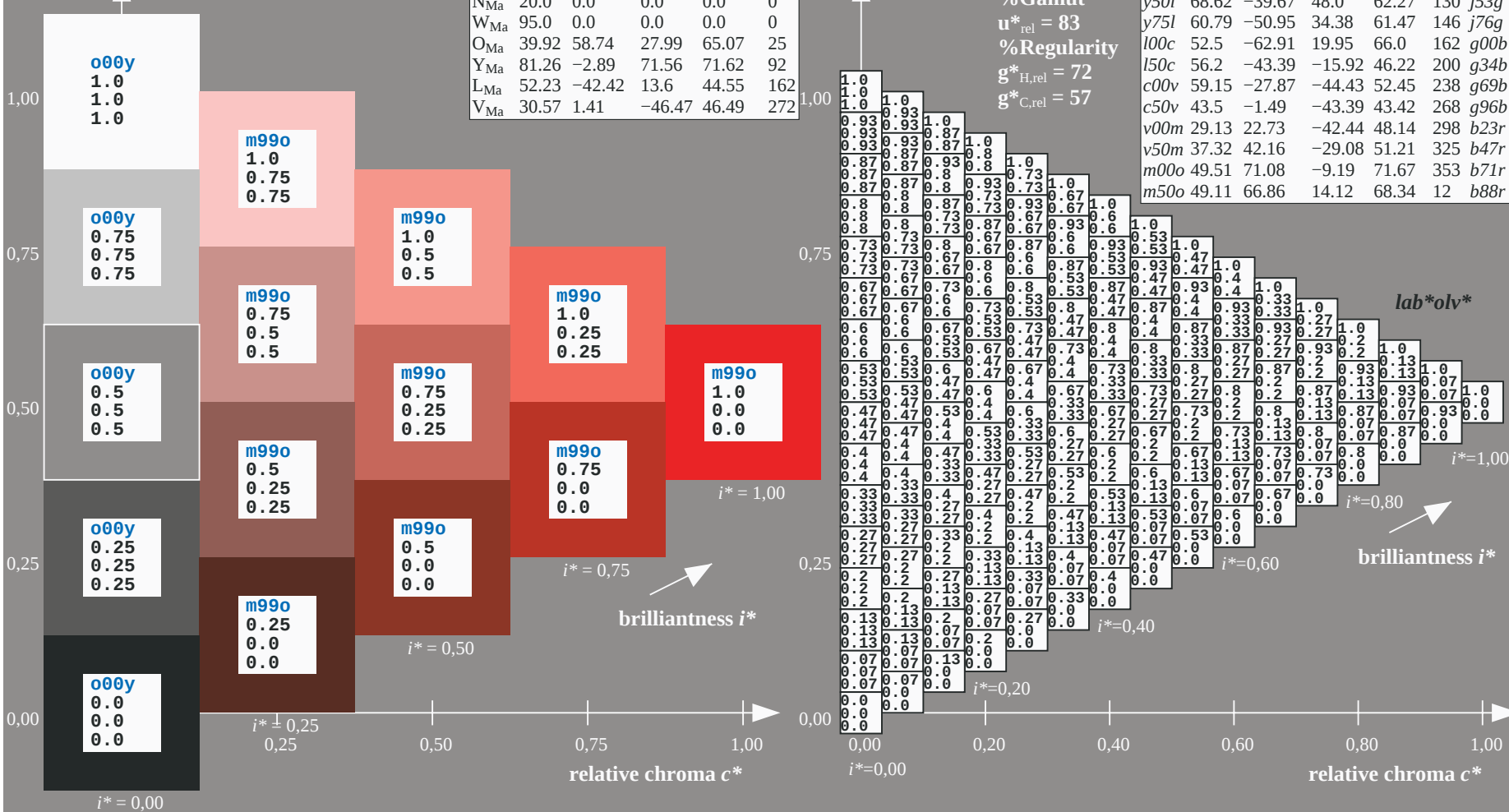
$u^*_{rel} = 83$

% 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^*

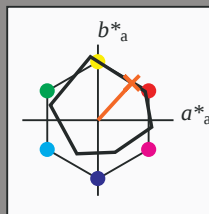
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

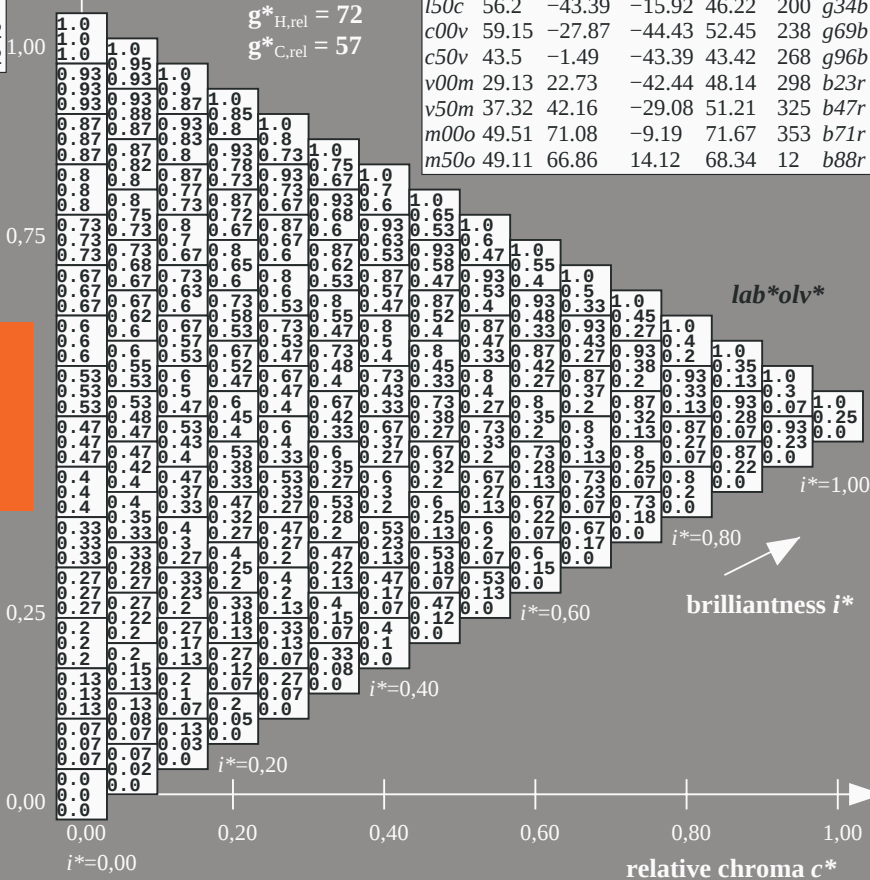
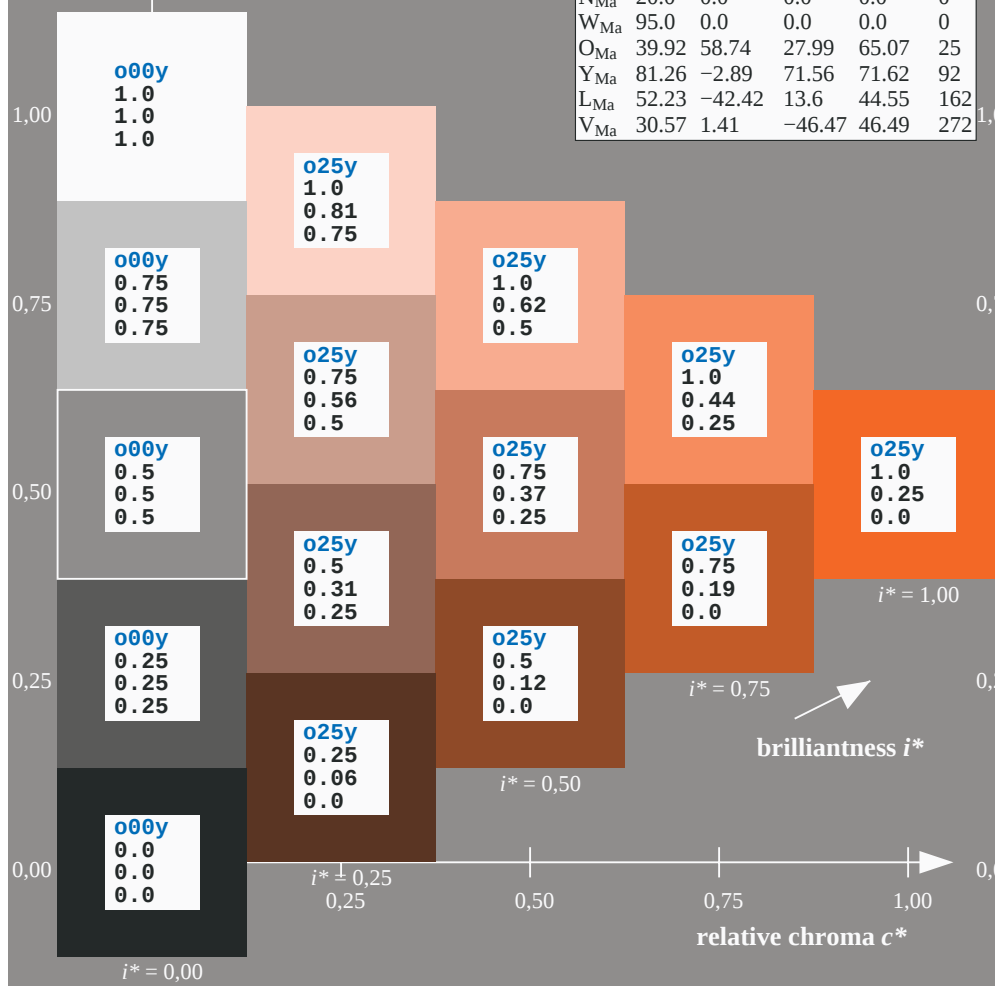
$g^*_{H,\text{rel}} = 72$

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

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

$u^*_d = o25y$
 lab^*olv^*



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^*

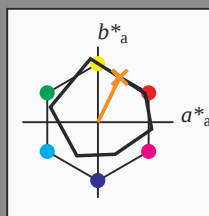
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

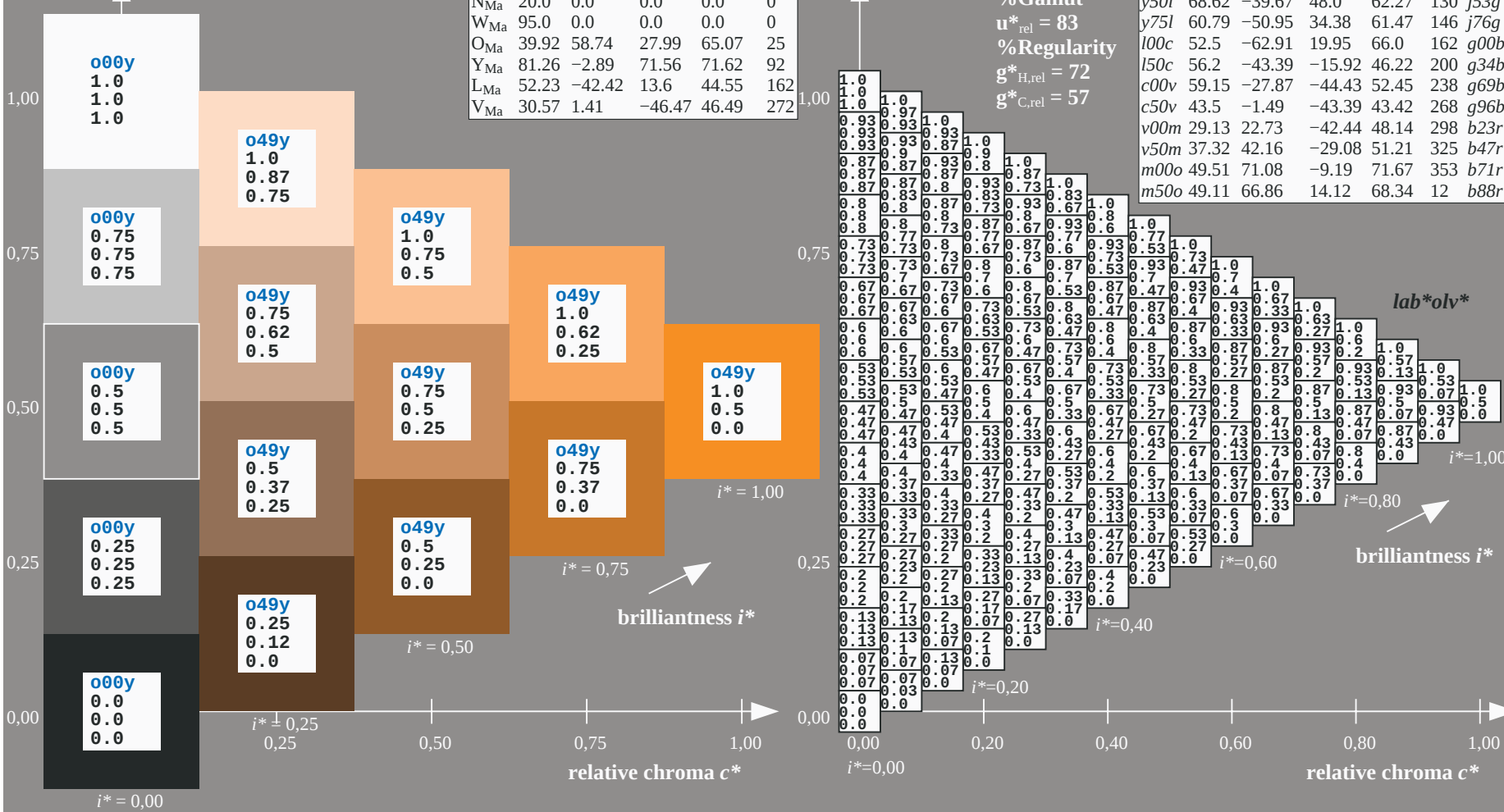
$u^*_{rel} = 83$

% 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^*

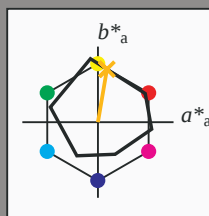
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

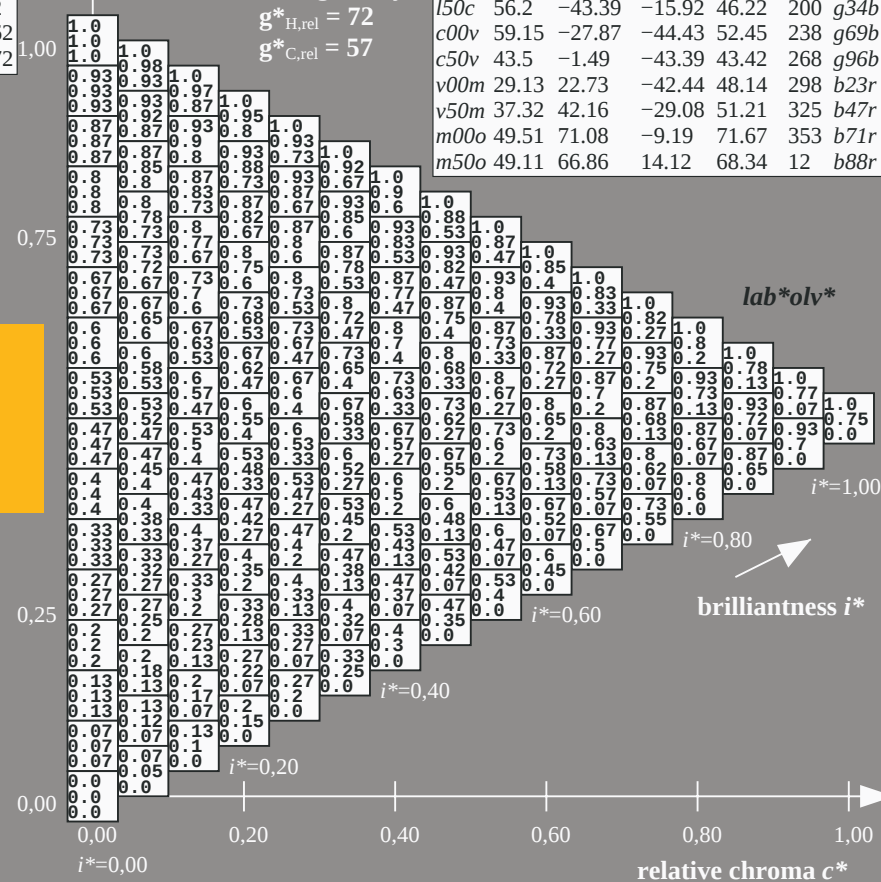
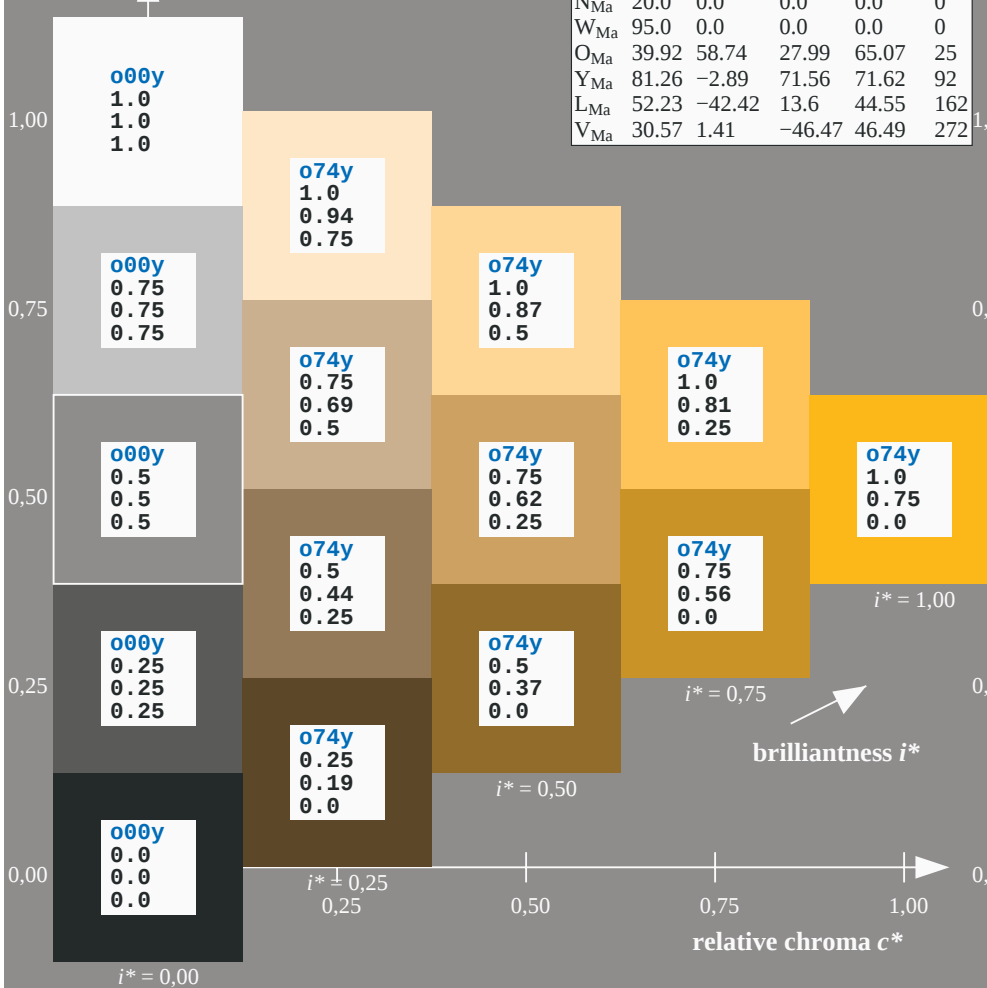
$u^*_{rel} = 83$

% 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^*

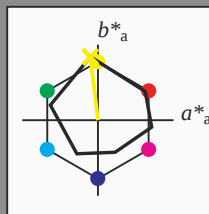
Hue texts:

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

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

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 $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

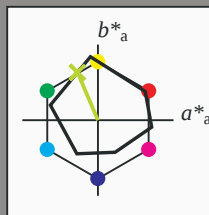
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$
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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.36$

data for any colour:

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

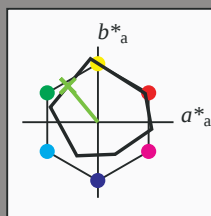
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

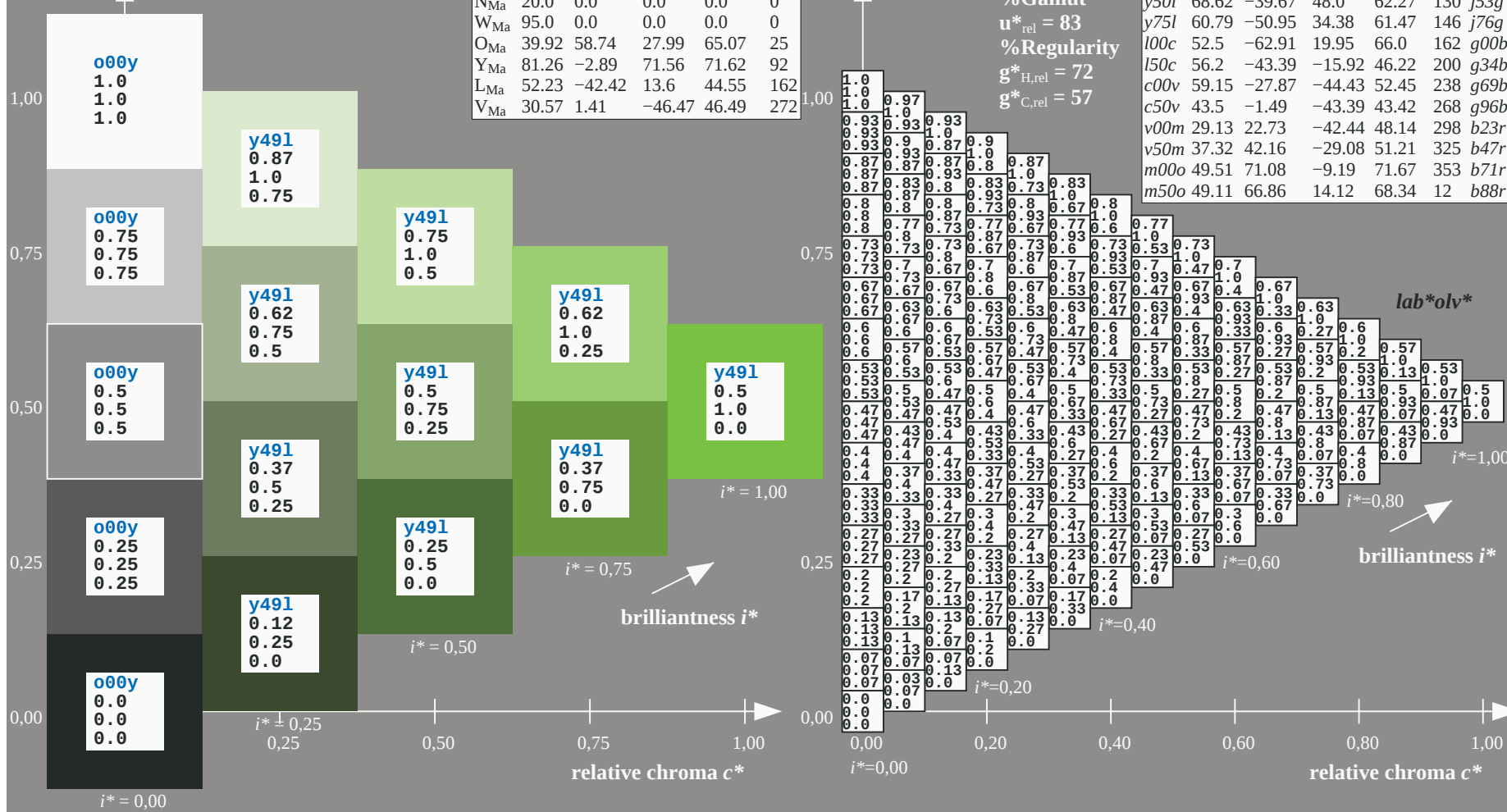
$u^*_{\text{rel}} = 83$

% Regularity

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

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

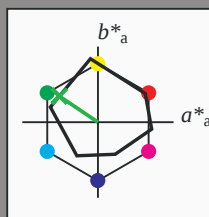
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	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



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

$u^*_{rel} = 83$

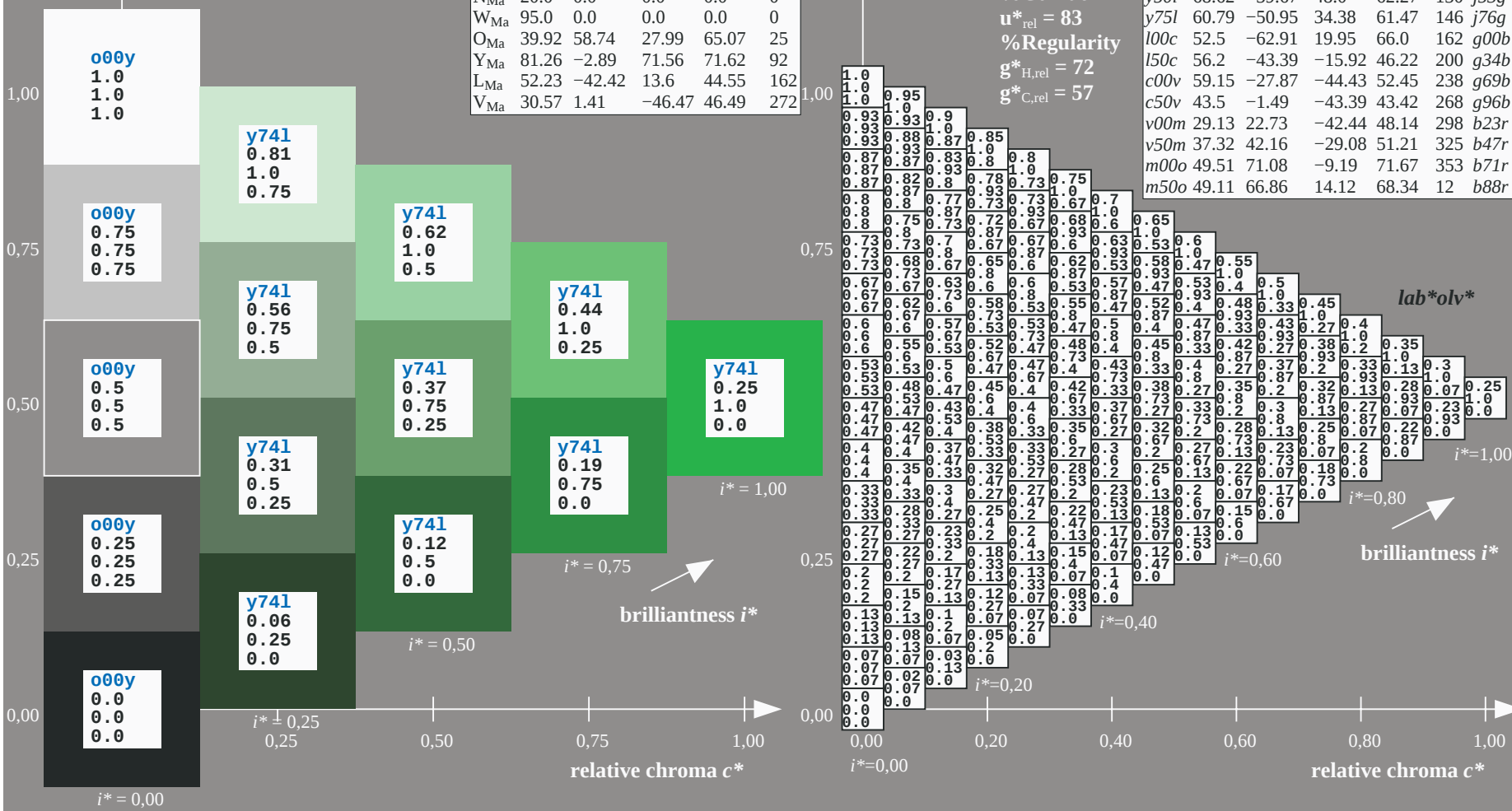
% Regularity

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

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

ORS20_95a; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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^*olv^*



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^*

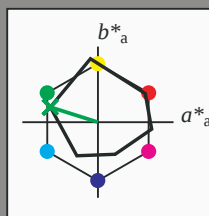
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

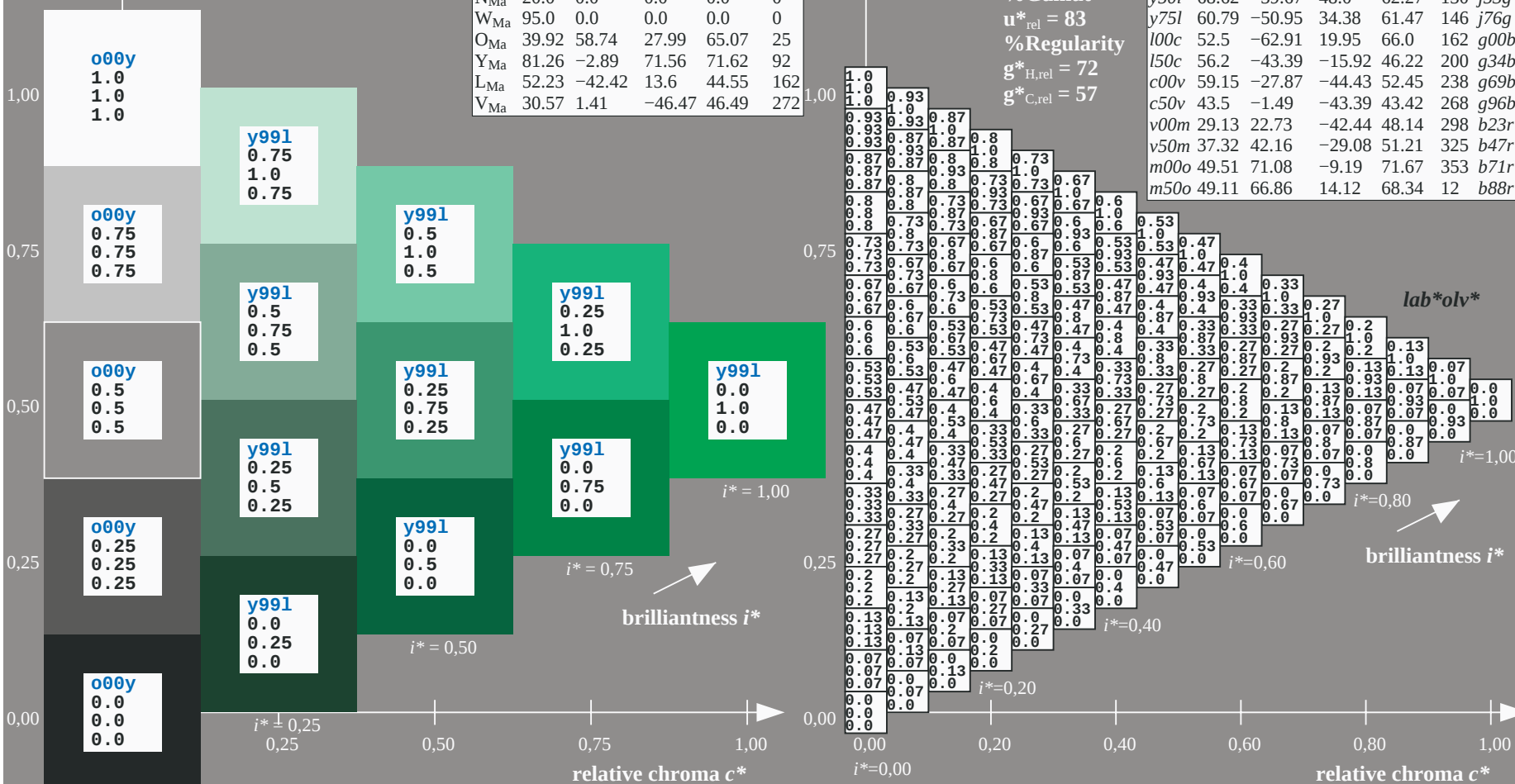
$u^*_{rel} = 83$

% Regularity

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

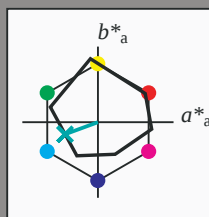
$g^*_{C,rel} = 57$

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

$u^*_{rel} = 83$

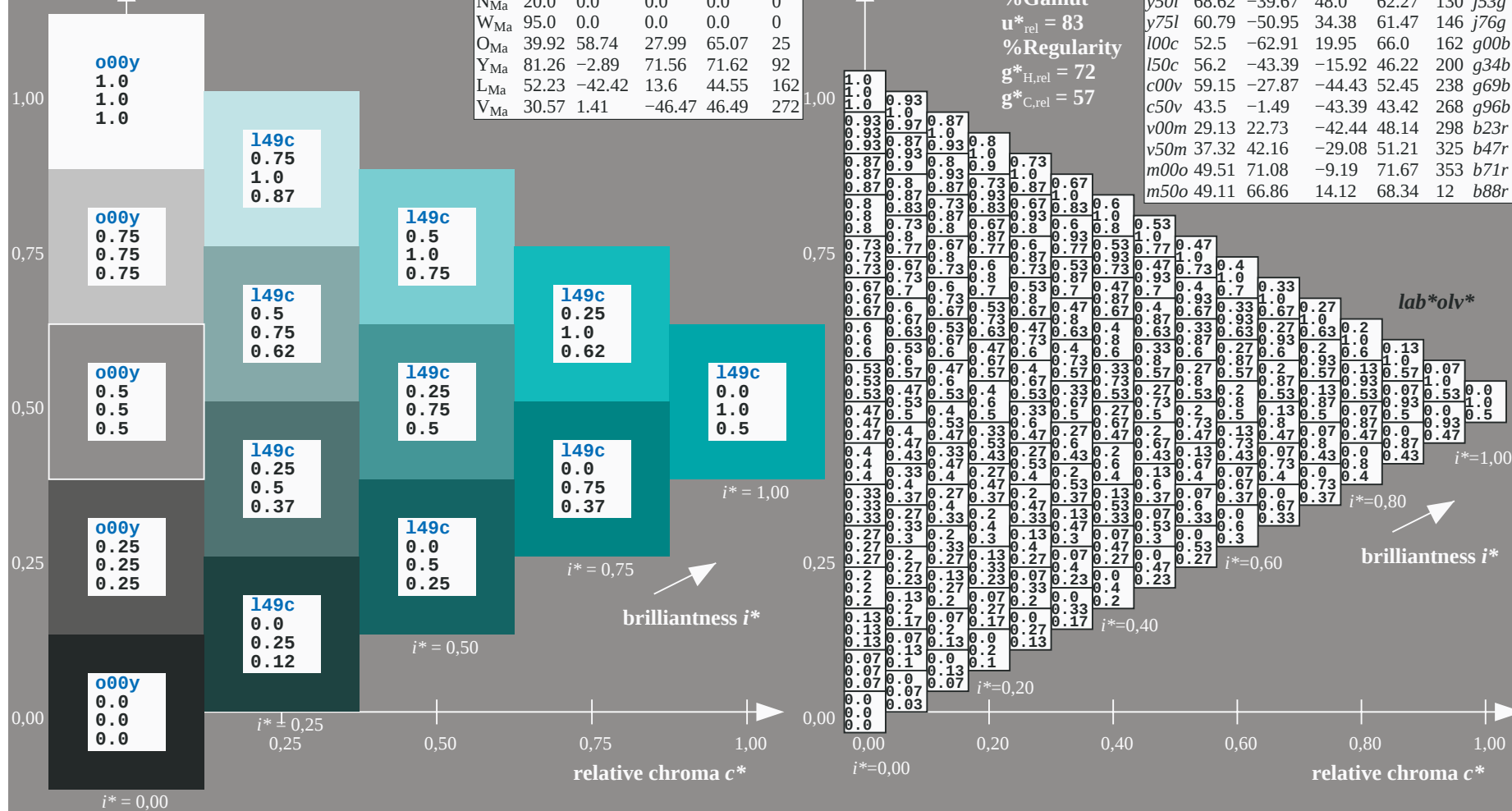
% Regularity

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

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

ORS20_95a; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 $h^* = lab^*h^* = h_{ab}/360 = 0.661$
data for any colour:
 lab^*tch^* and lab^*icu^*

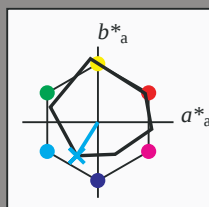
Hue texts:

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

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^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

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

data for any colour:

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

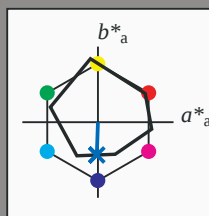
Hue texts:

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

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

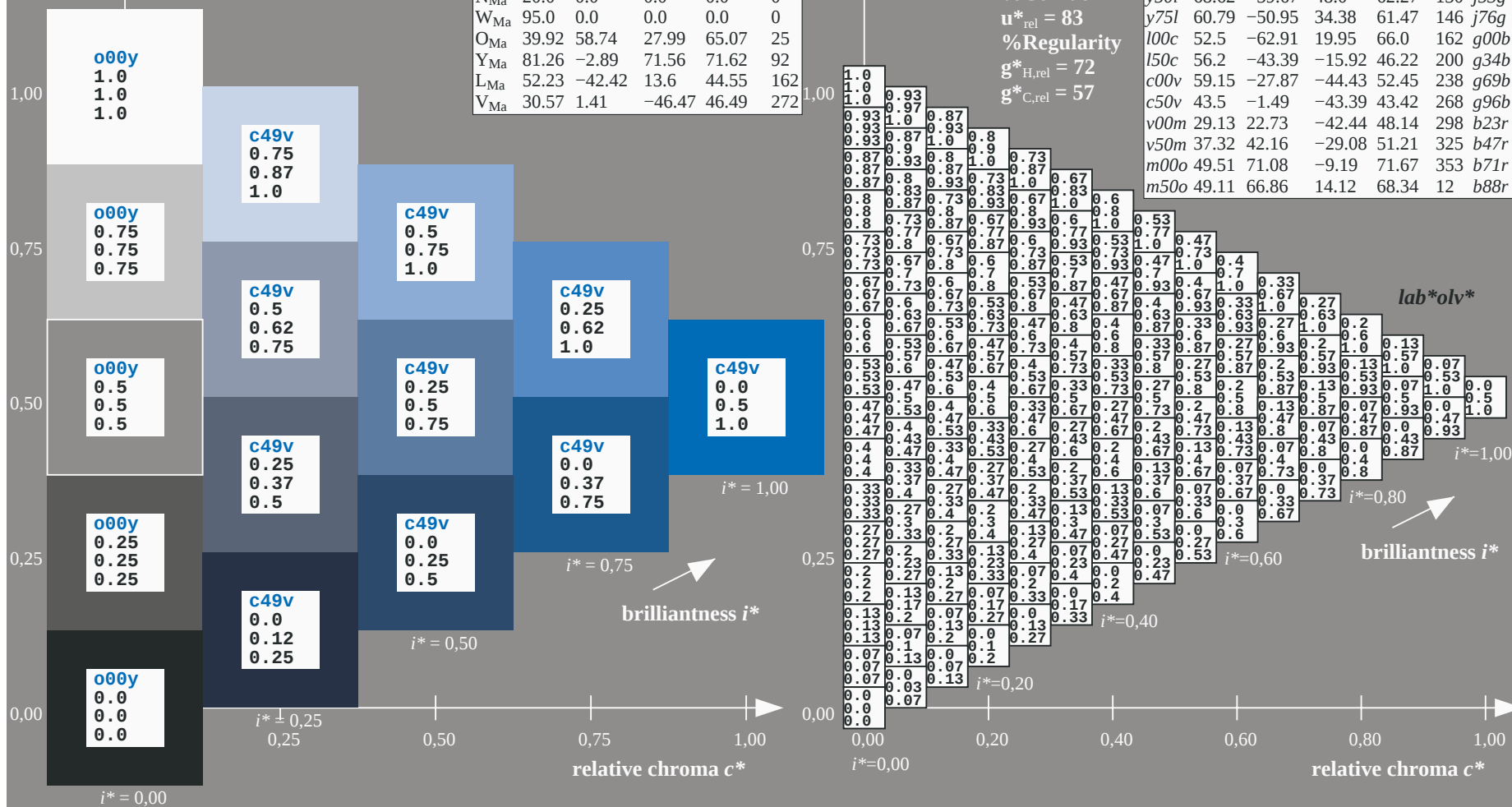
$g^*_{H,\text{rel}} = 72$

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

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

$u^*_d = c50v$
 lab^*olv^*



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^*

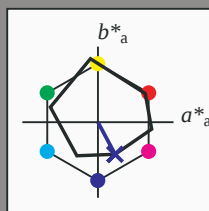
Hue texts:

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

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

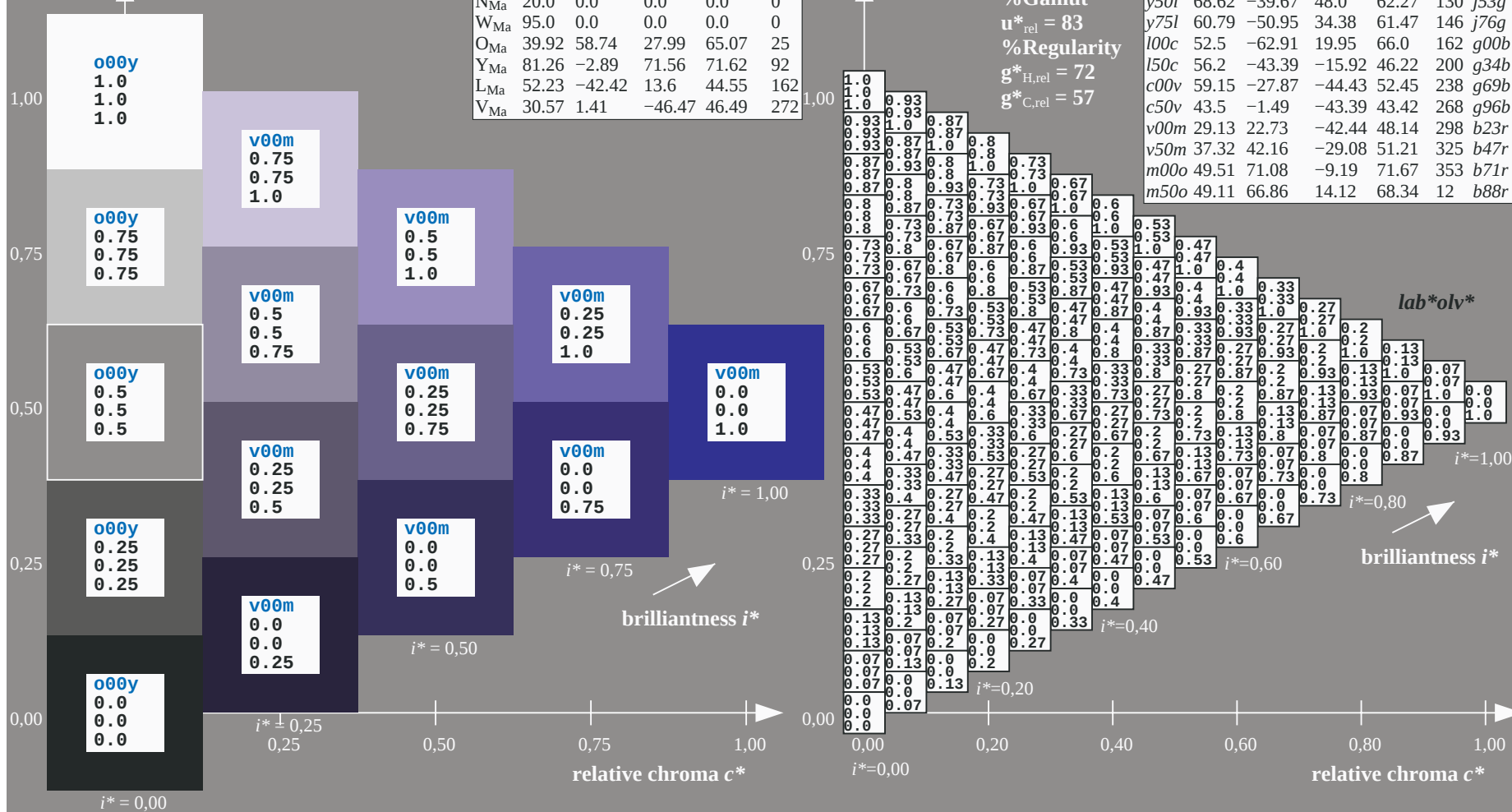
$g^*_{H,rel} = 72$

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

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

$u^*_d = v00m$
 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^*

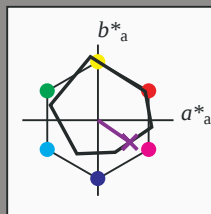
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

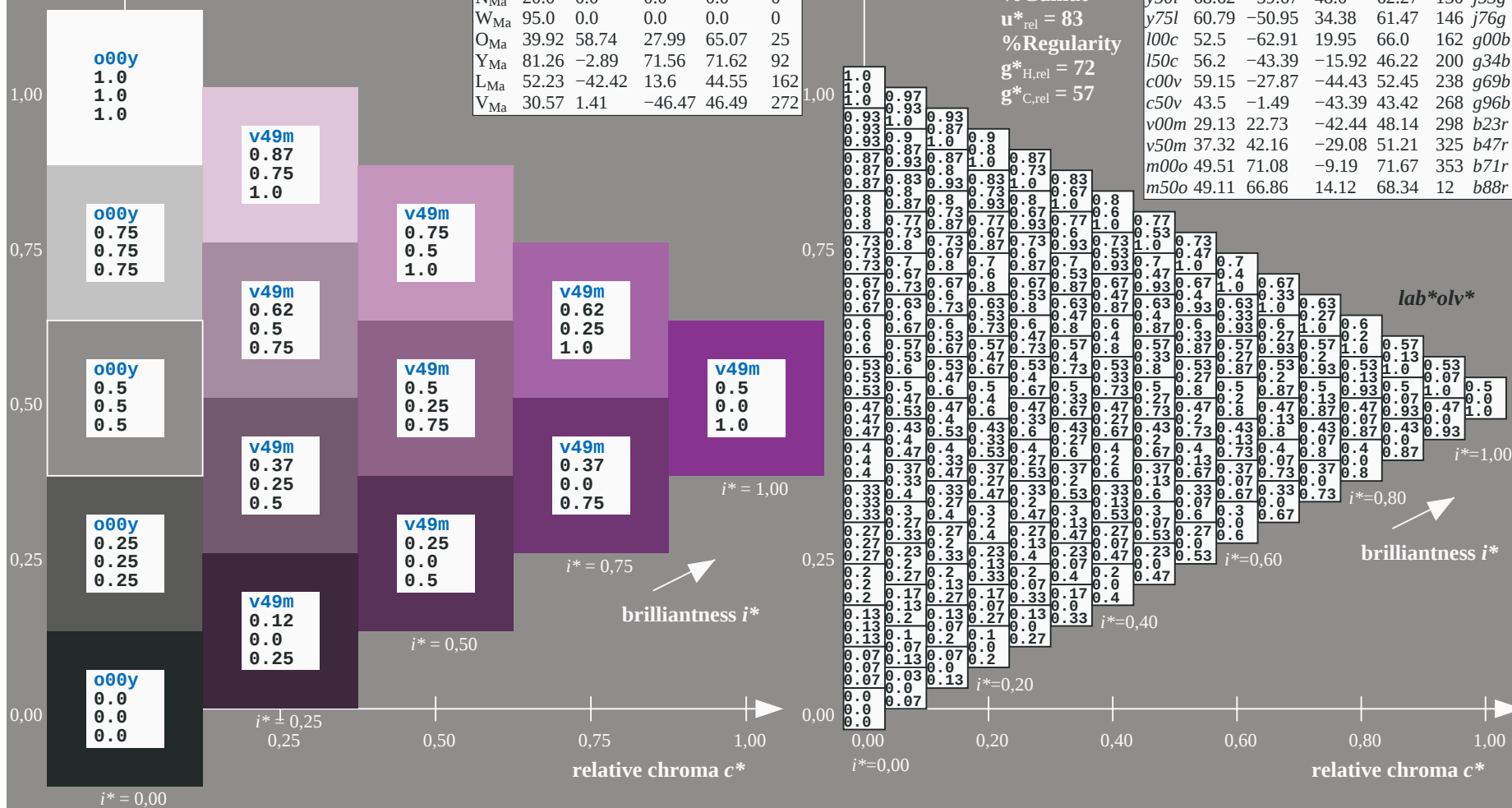
$g^*_{H,\text{rel}} = 72$

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

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^*olv^*



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^*

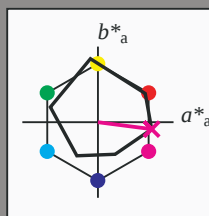
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

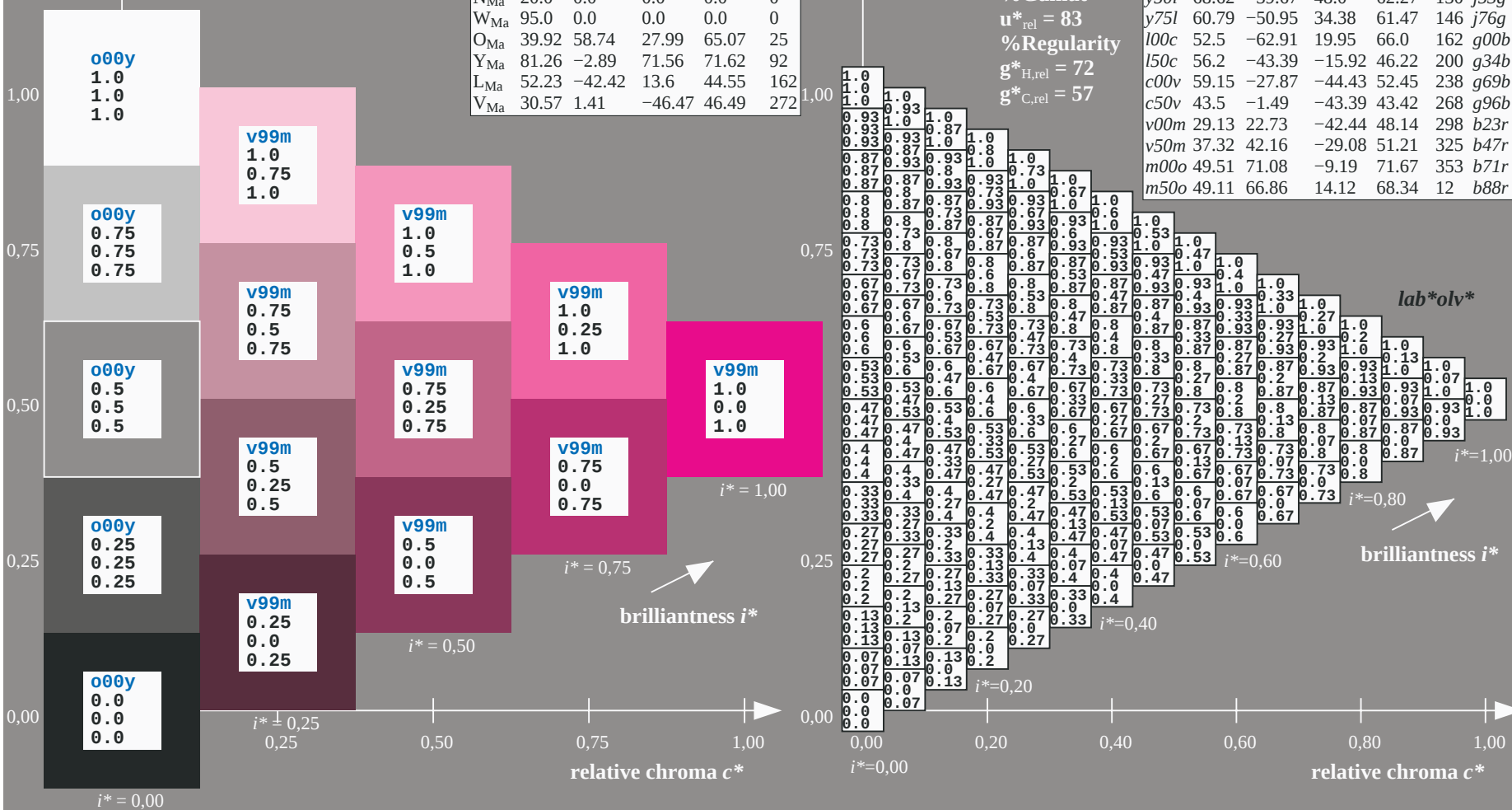
$u^*_{rel} = 83$

% 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^*

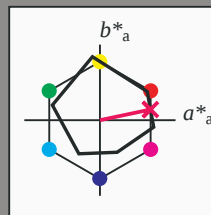
Hue texts:

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

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

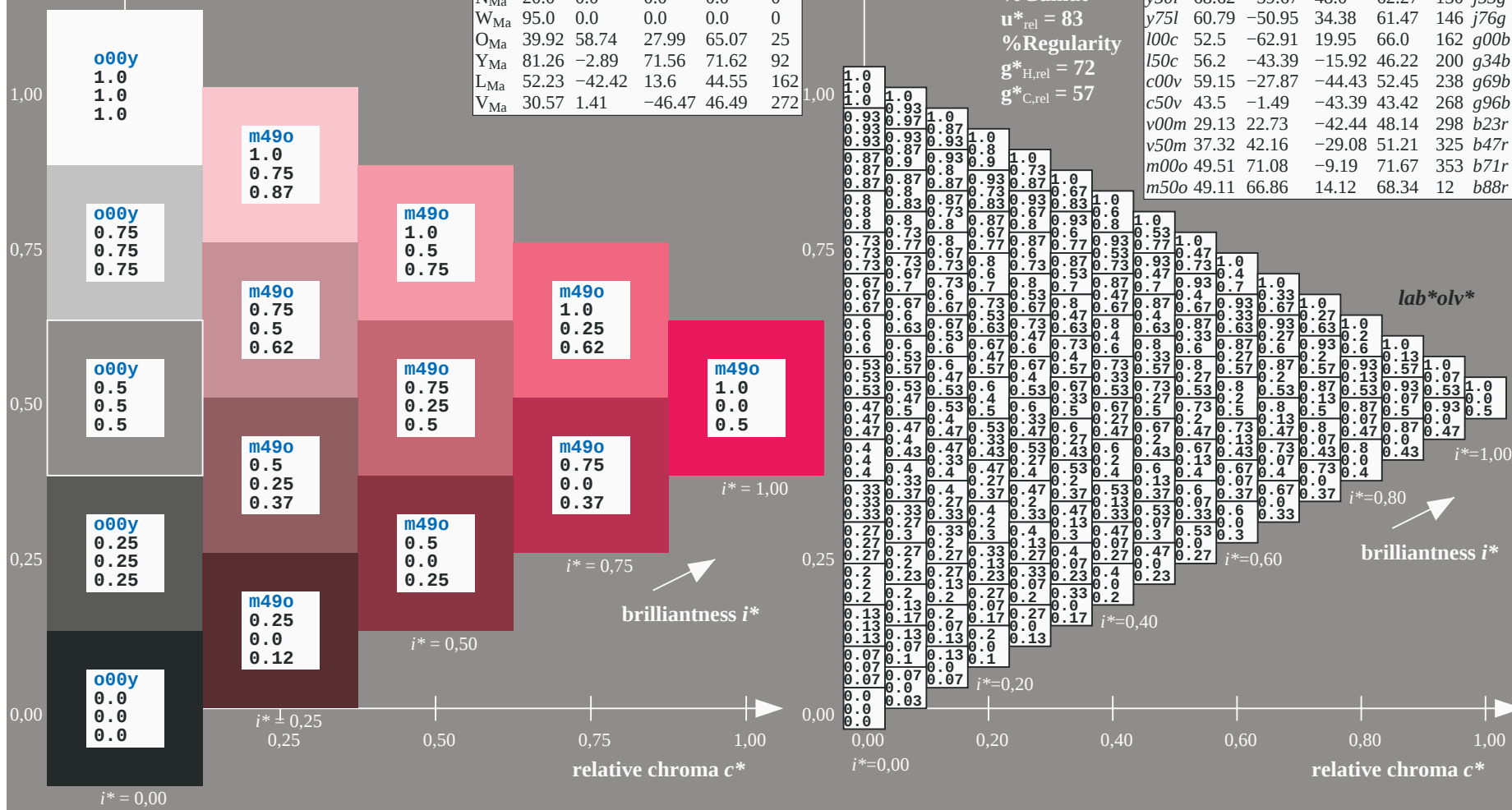
$g^*_{H,rel} = 72$

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

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

$u^*_d = m50o$
 lab^*olv^*



Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

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

device hue text:

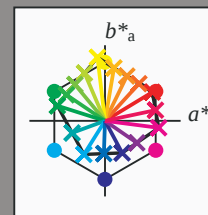
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

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

$u^*_{rel} = 83$

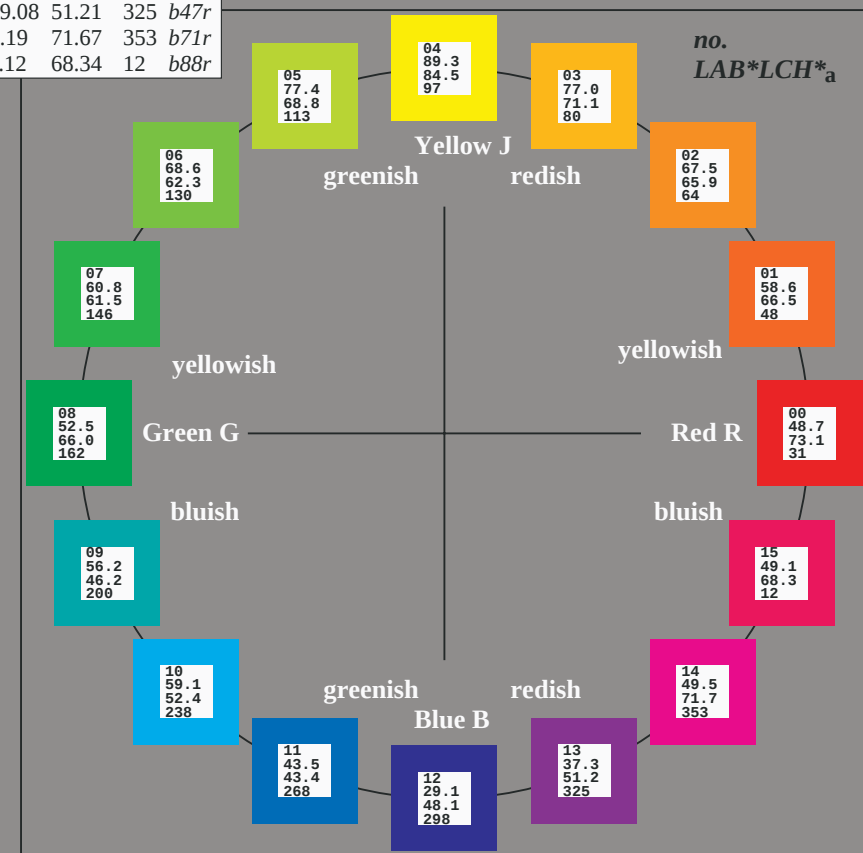
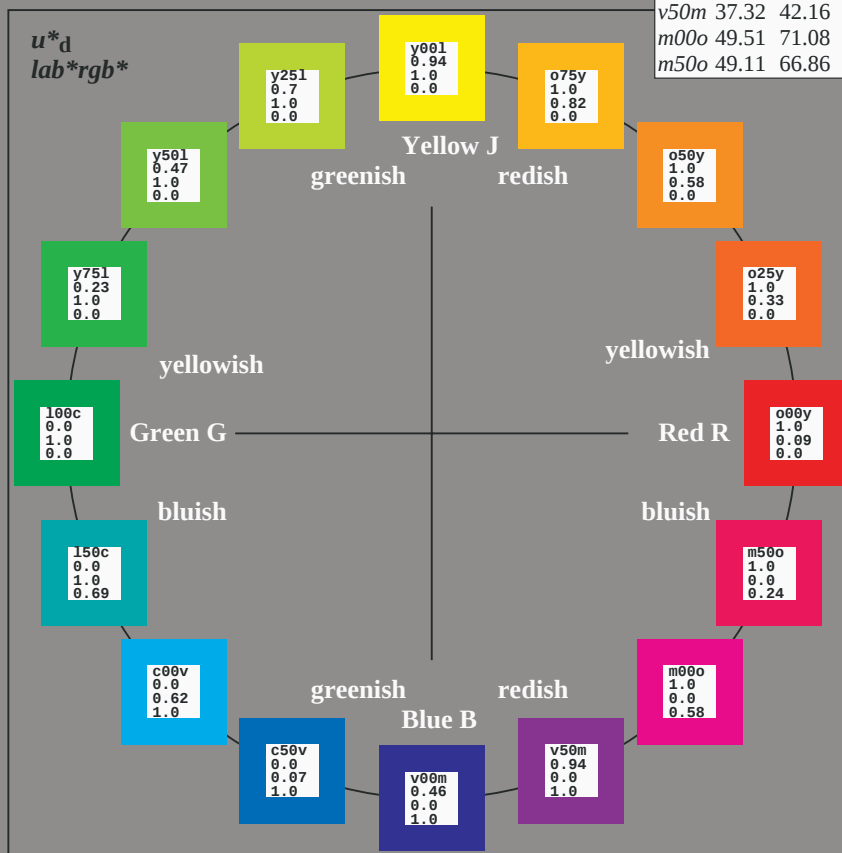
%Regularity

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

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

ORS20_95a; adapted (a) CIELAB data

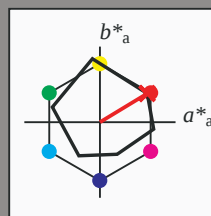
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

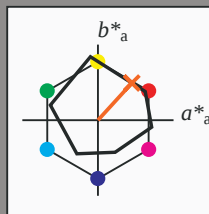
Hue texts:

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

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

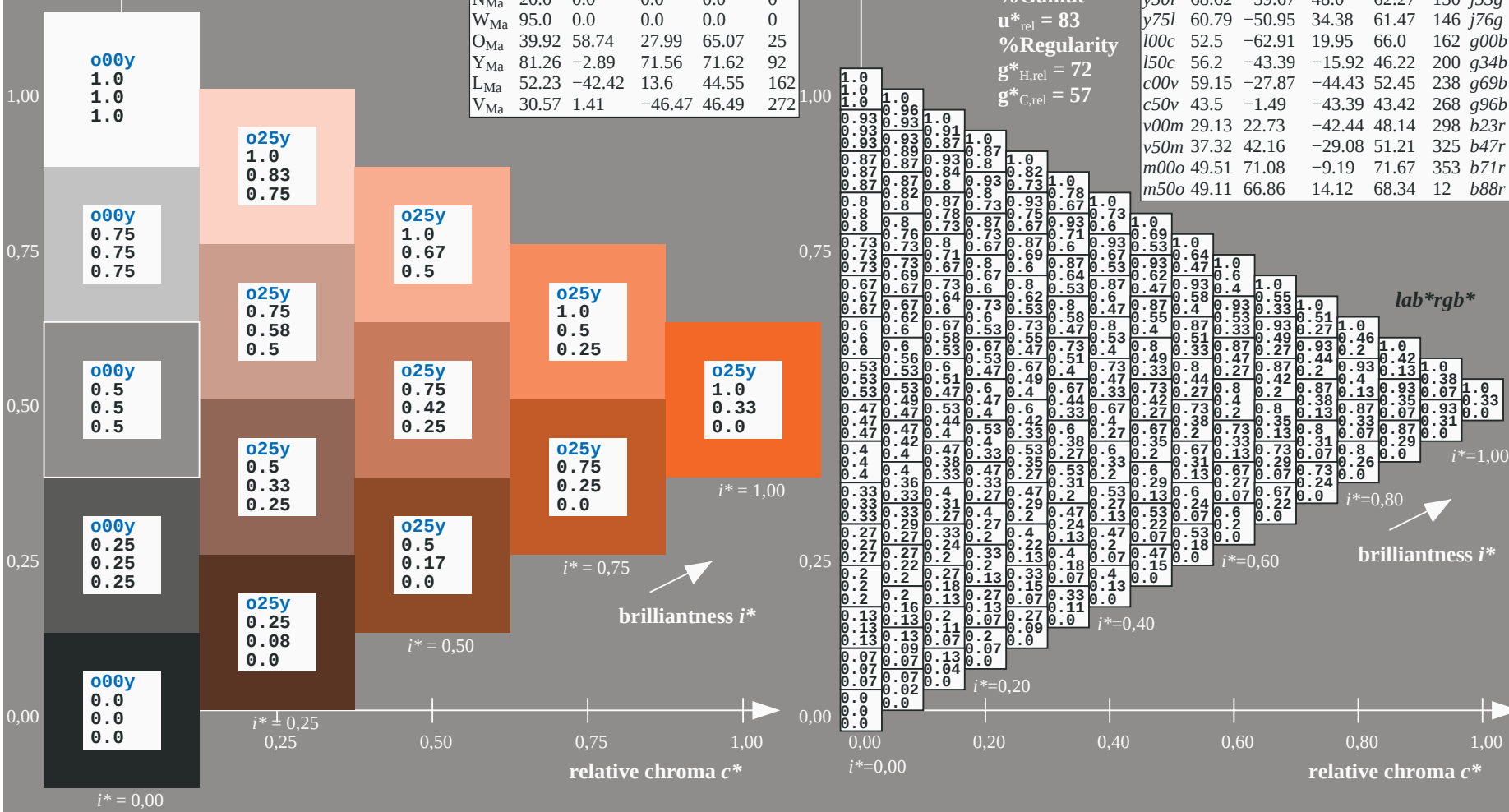
$g^*_{H,rel} = 72$

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

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

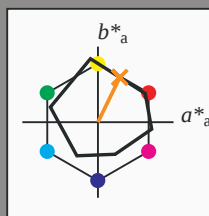
$u^*_d = o25y$
 lab^*rgb^*



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^*

$i^* = 1.00$

$i^* = 0.80$

brilliantness i^*

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^*

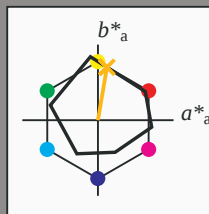
Hue texts:

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

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

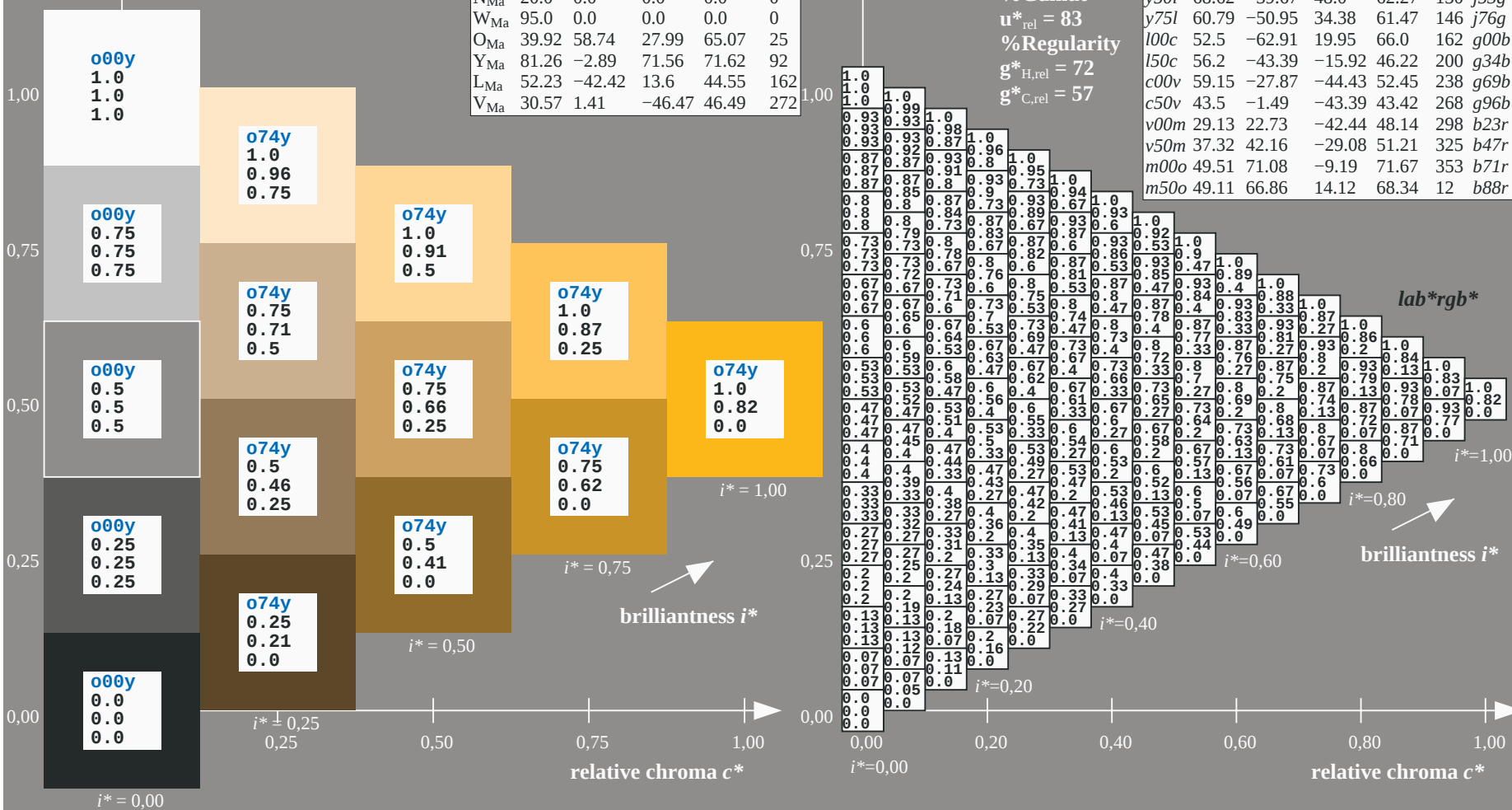
$g^*_{H,rel} = 72$

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

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^*rgb^*



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^*

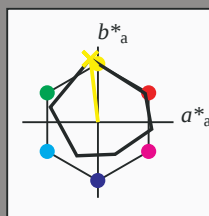
Hue texts:

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

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^*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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

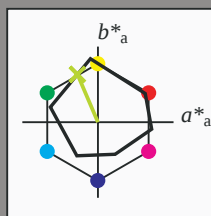
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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^*

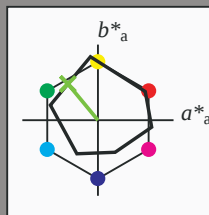
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

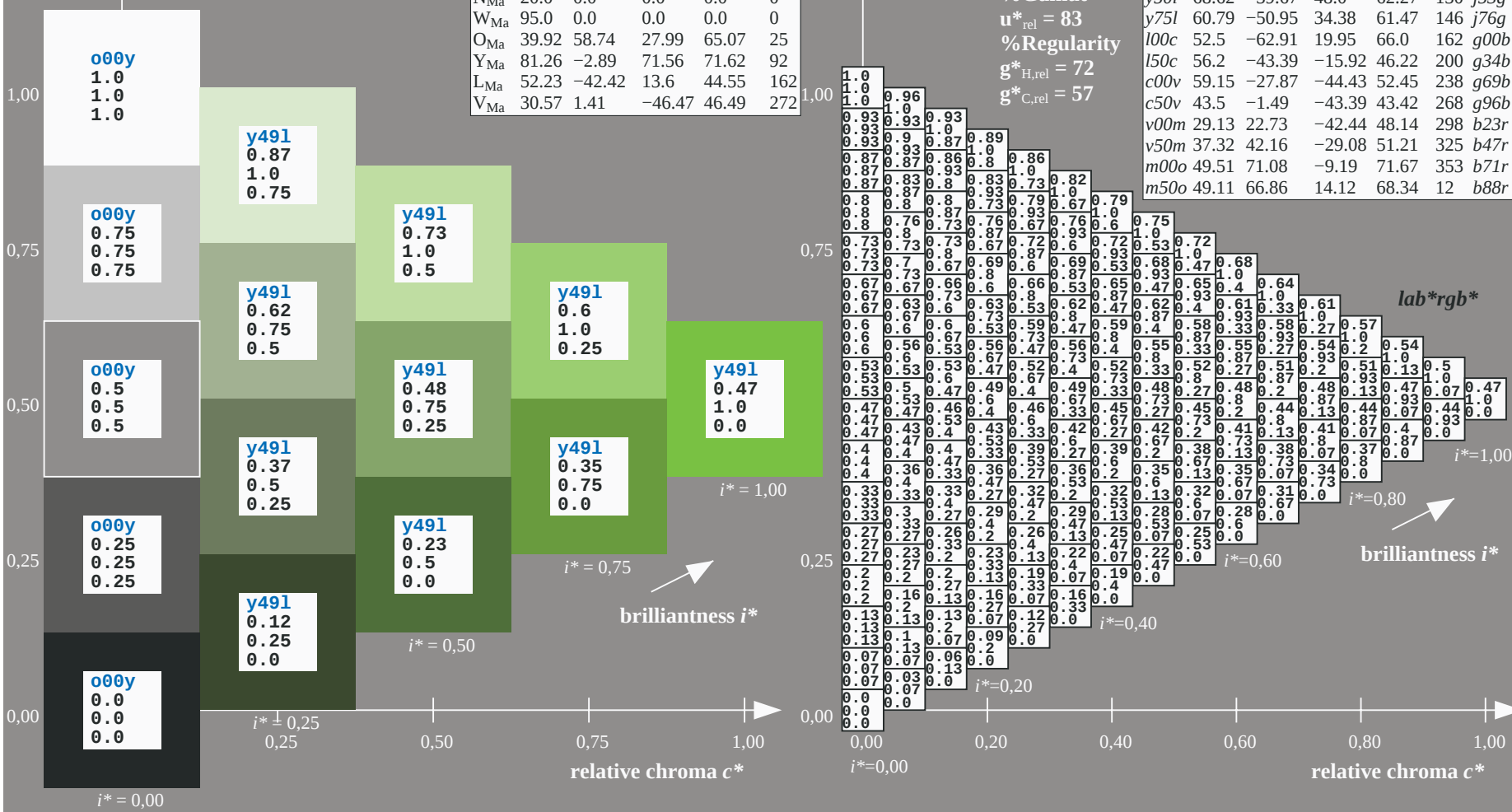
$g^*_{H,\text{rel}} = 72$

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

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^*rgb^*



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^*

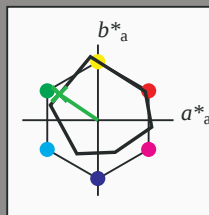
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$
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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

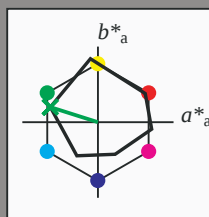
$i^* = 0.00$

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:
 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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$LAB^*LAB^*_{Ma}$: 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^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

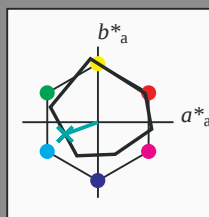
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

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

$u^*_{rel} = 83$

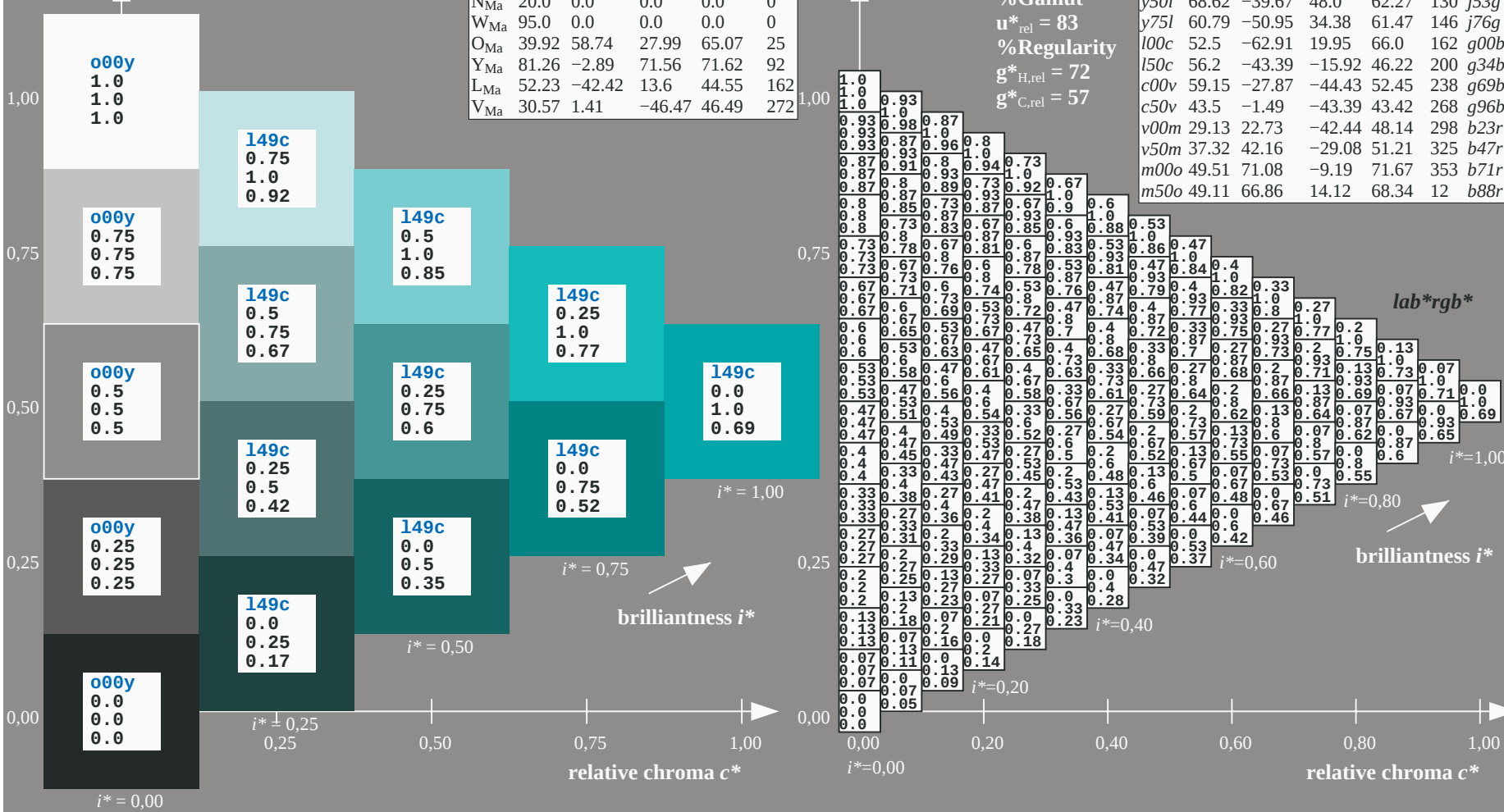
%Regularity

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

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

ORS20_95a; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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

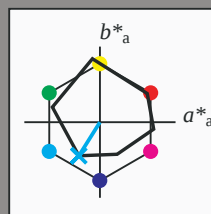
$u^*_d = 150c$
 lab^*rgb^*



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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

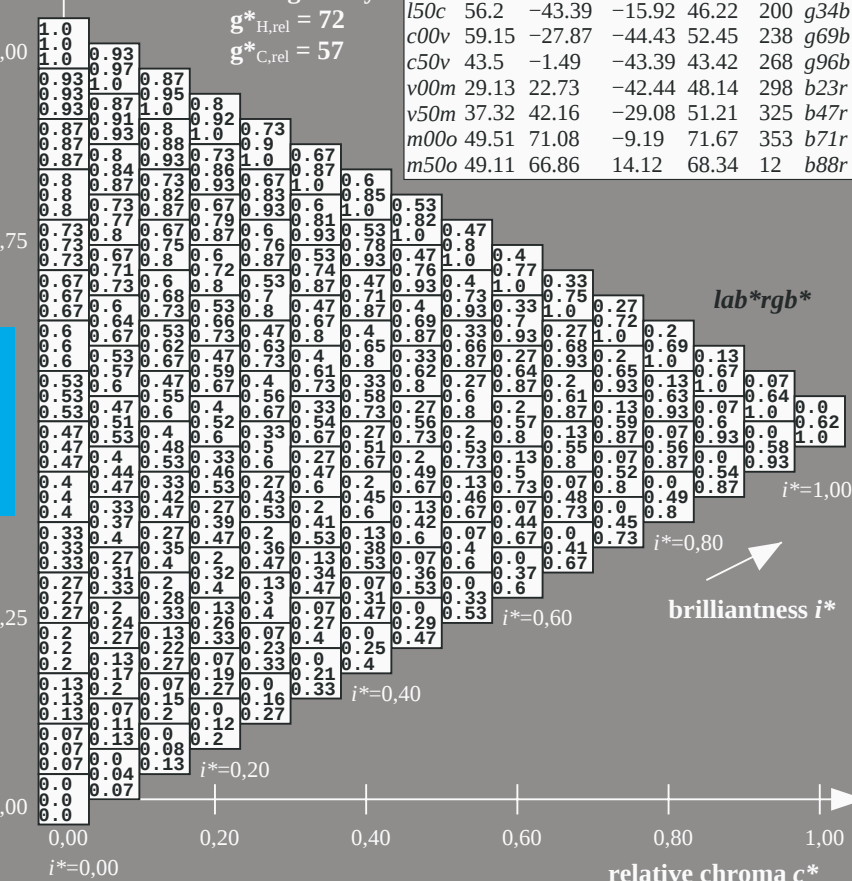
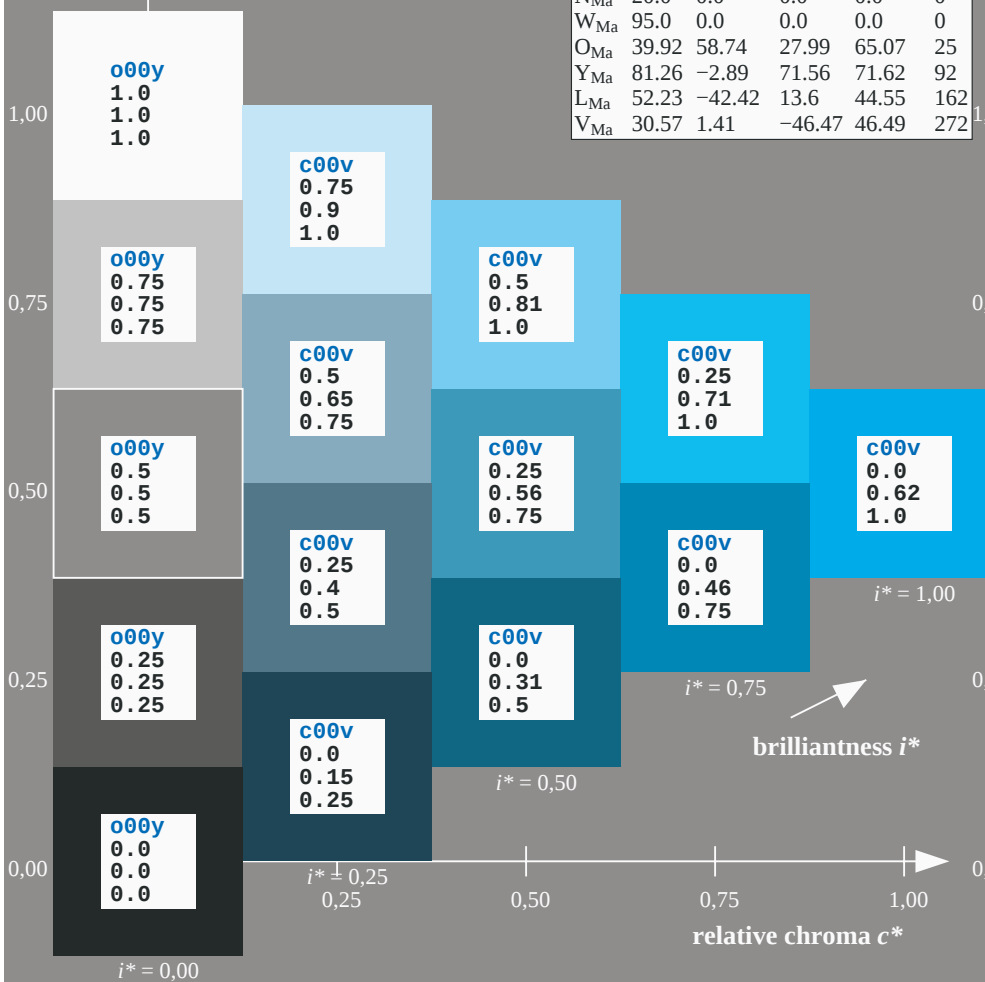
$u^*_{\text{rel}} = 83$

% Regularity

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

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

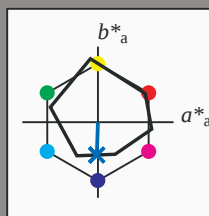
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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 $h^* = lab^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

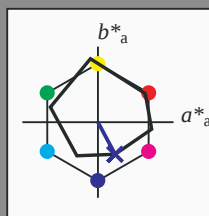
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$
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 $h^* = lab^*h^* = h_{ab}/360 = 0.904$

data for any colour:

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

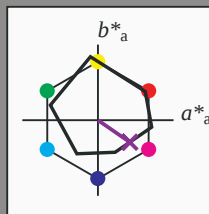
Hue texts:

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

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

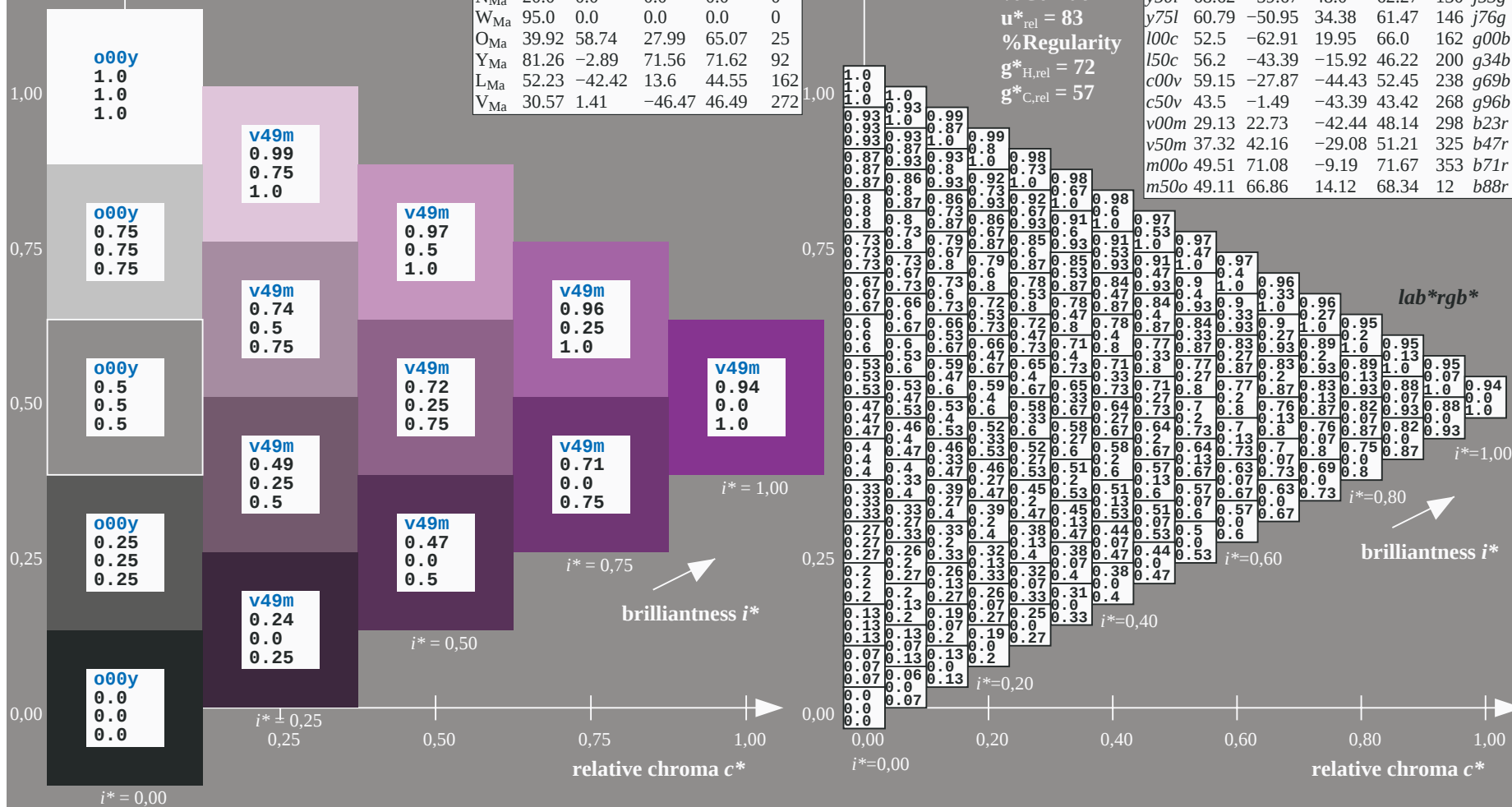
$g^*_{H,rel} = 72$

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

$u^*_d = v50m$
 lab^*rgb^*

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^*

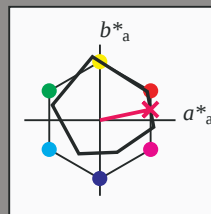
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

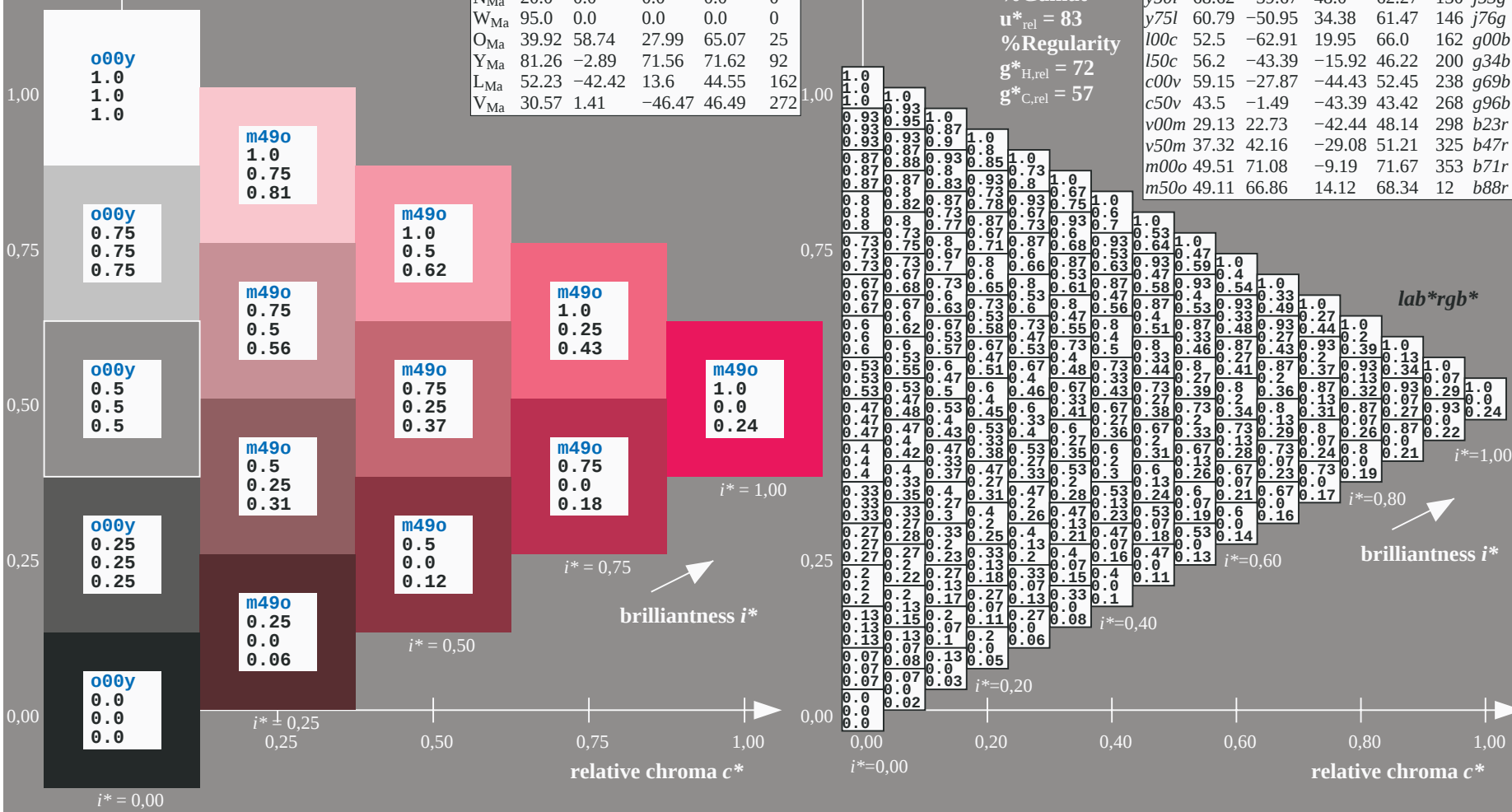
$u^*_{rel} = 83$

% 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



input: 000n / w / nnn0 / www set...
output: ->LAB*->cmyn6* setcmyk

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

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

device hue text:

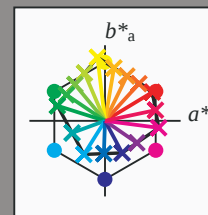
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

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

$u^*_{rel} = 83$

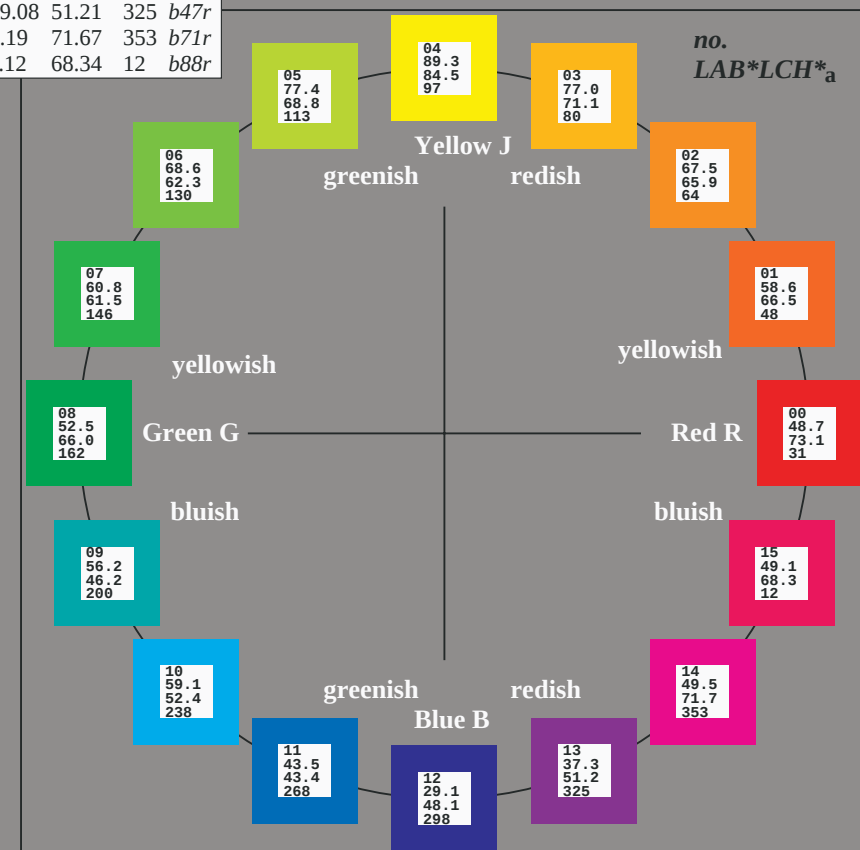
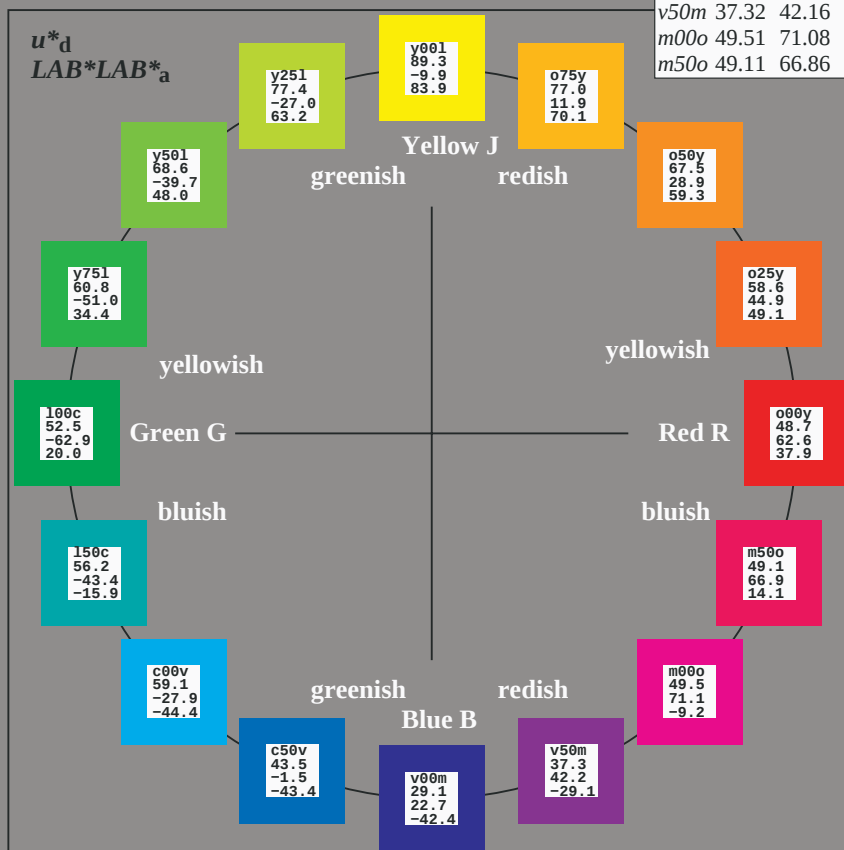
%Regularity

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

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

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.087$

data for any colour:

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

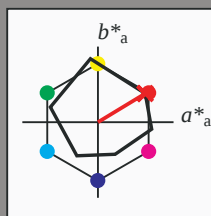
Hue texts:

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

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

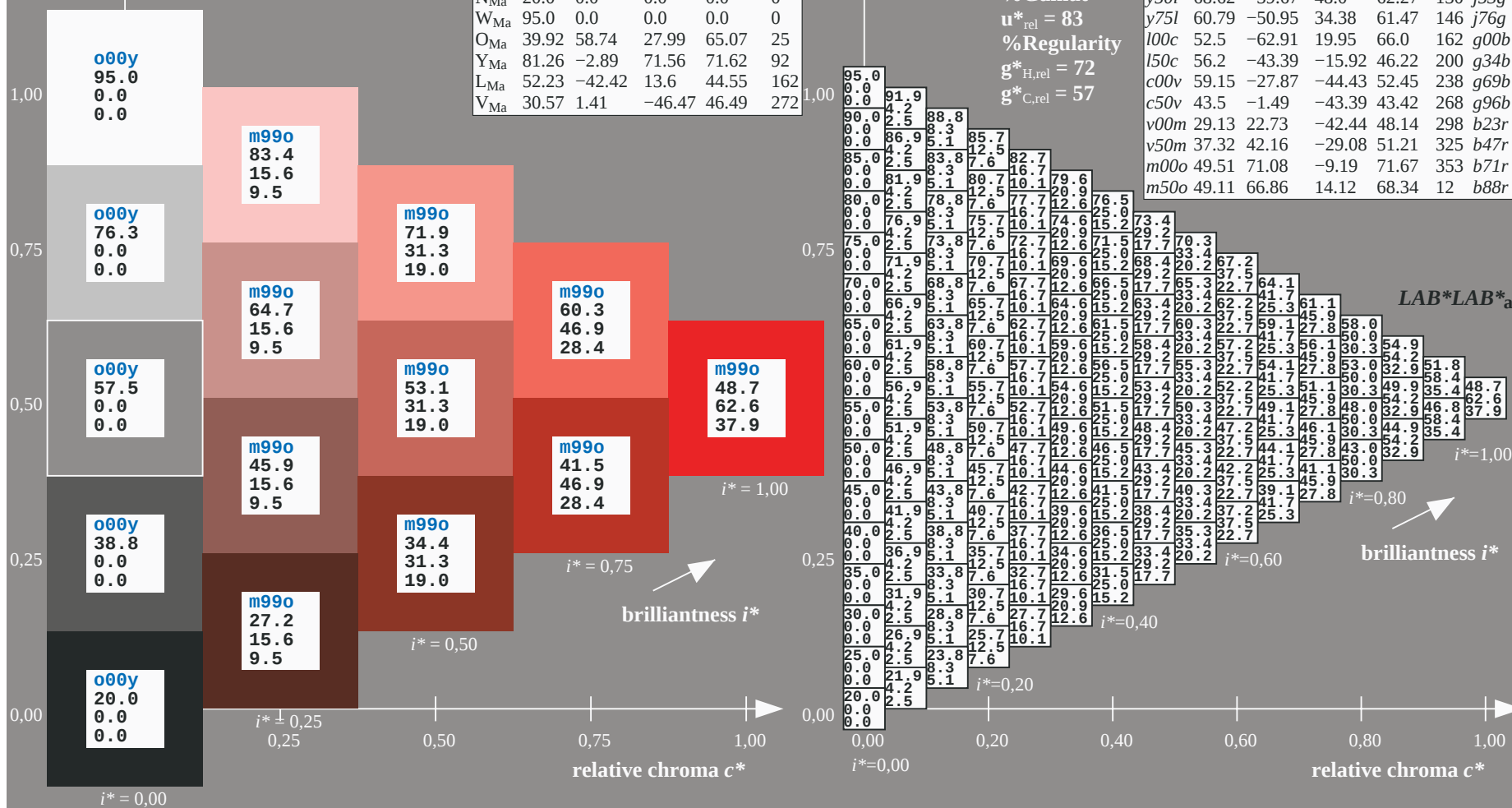
$u^*_{rel} = 83$

%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
<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^*

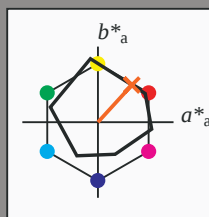
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$LAB^*LAB^*_Ma$: 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

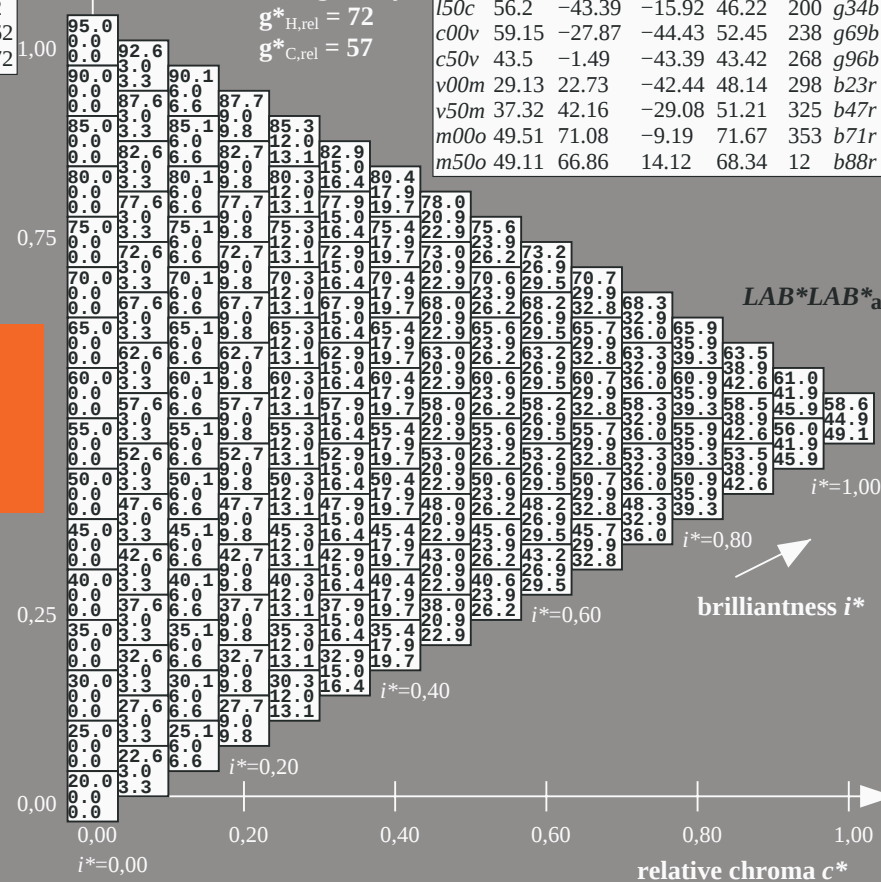
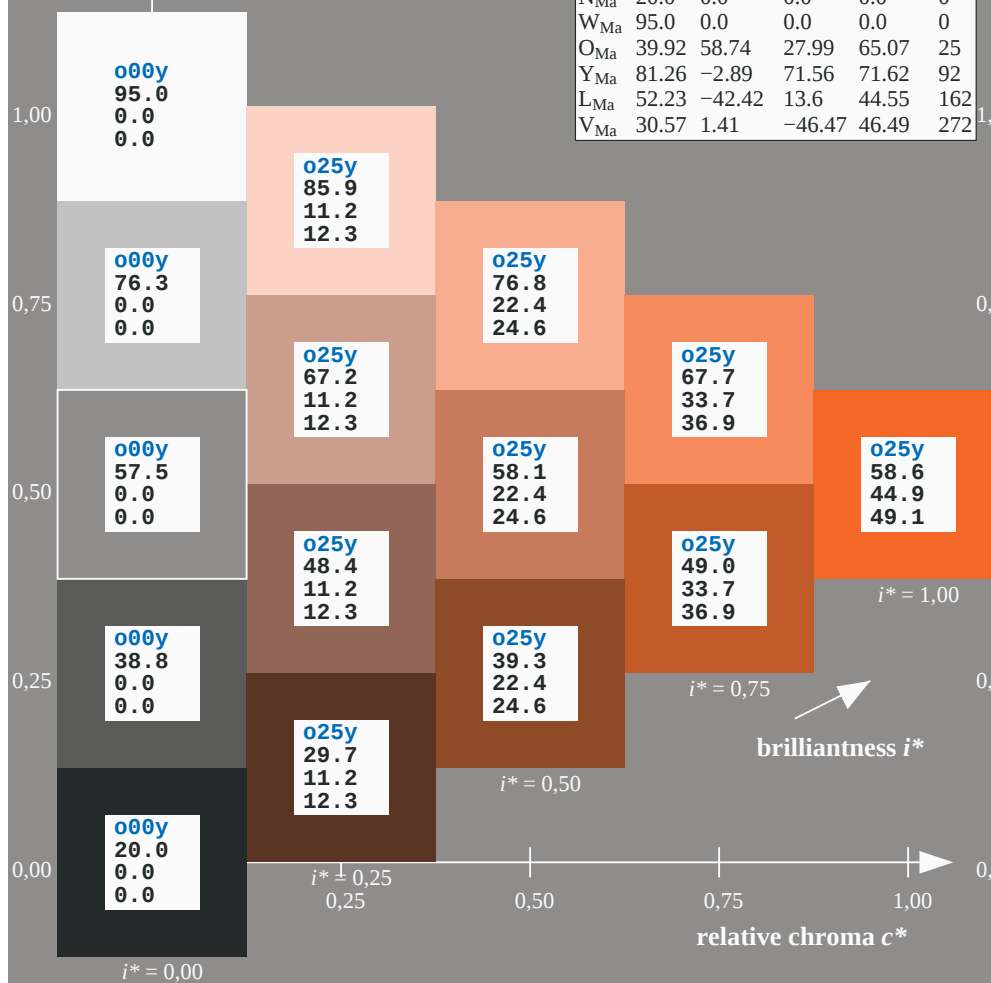
$u^*_{rel} = 83$

%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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.178$

data for any colour:

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

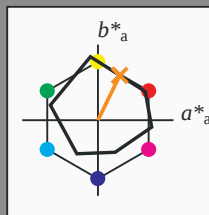
Hue texts:

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

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

$u^*_d = o50y$
 $\text{LAB}^*\text{LAB}^*_{Ma}$

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^* = 1.00$

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.223$

data for any colour:

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

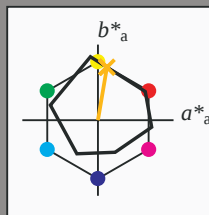
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 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

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^*=1.00$

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 $h^* = lab^*h^* = h_{ab}/360 = 0.269$

data for any colour:

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

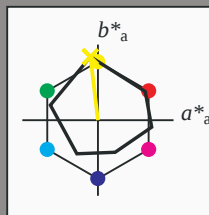
Hue texts:

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

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

$u^*_d = y00l$
 $LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^*=1.00$

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

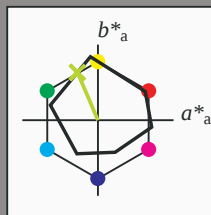
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 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

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^*=1.00$

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^*

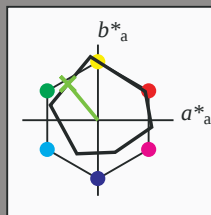
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

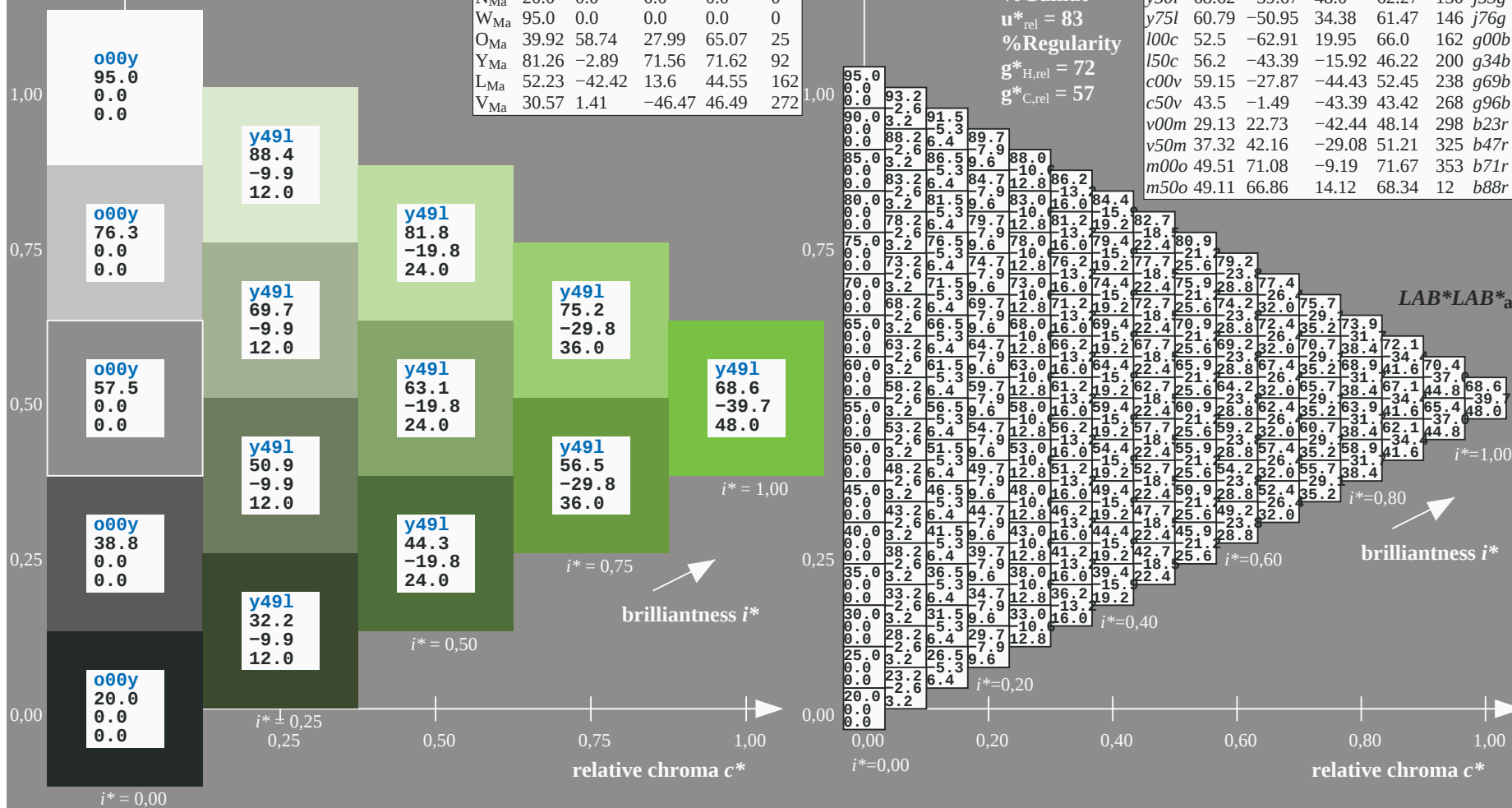
$g^*_{H,\text{rel}} = 72$

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

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

$u^*_d = y50l$
 $\text{LAB}^*\text{LAB}^*_{\text{a}}$



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^*

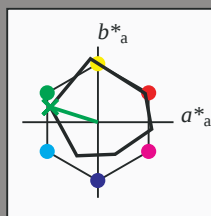
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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	$C^*_{ab,a}$	$h^*_{ab,a}$
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

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

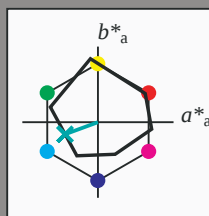
$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.556$
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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 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

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

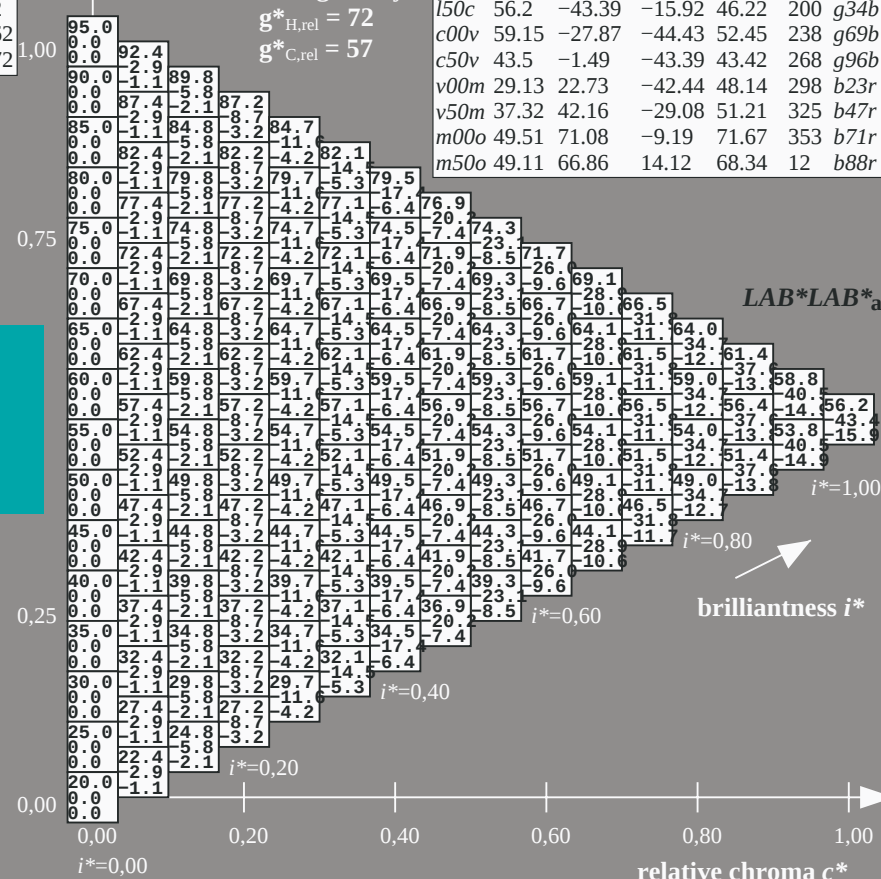
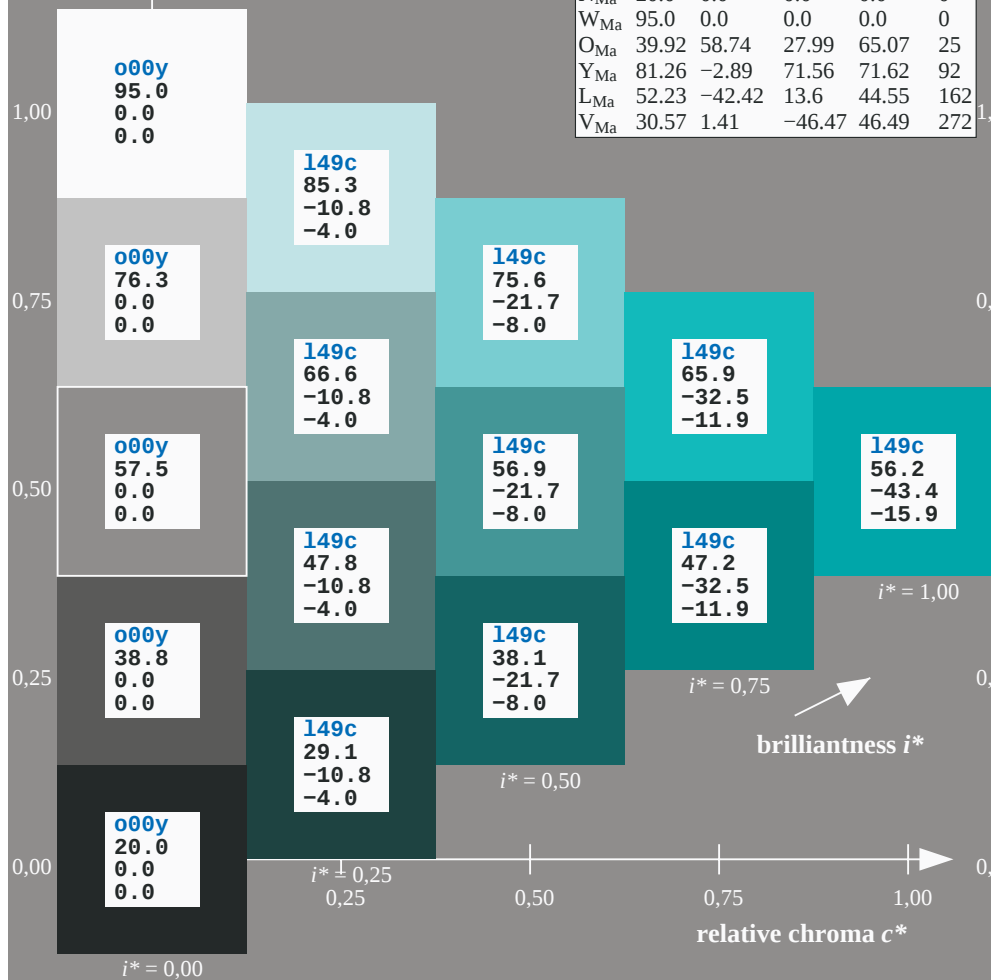
$g^*_{C,rel} = 57$

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

$u^*_d = 150c$
 $\text{LAB}^*\text{LAB}^*_{Ma}$

$\text{LAB}^*\text{LAB}^*_{Ma}$

brilliantness i^*



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^*

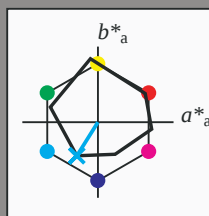
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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	o50y
C _{Ma}	59.15	-27.87	-44.43	52.45	238	o75y
V _{Ma}	29.13	22.73	-42.44	48.14	298	y00l
M _{Ma}	49.51	71.08	-9.19	71.67	353	y25l
N _{Ma}	20.0	0.0	0.0	0.0	0	y50l
W _{Ma}	95.0	0.0	0.0	0.0	0	y75l
O _{Ma}	39.92	58.74	27.99	65.07	25	l00c
Y _{Ma}	81.26	-2.89	71.56	71.62	92	l50c
L _{Ma}	52.23	-42.42	13.6	44.55	162	c00v
V _{Ma}	30.57	1.41	-46.47	46.49	272	c50v

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

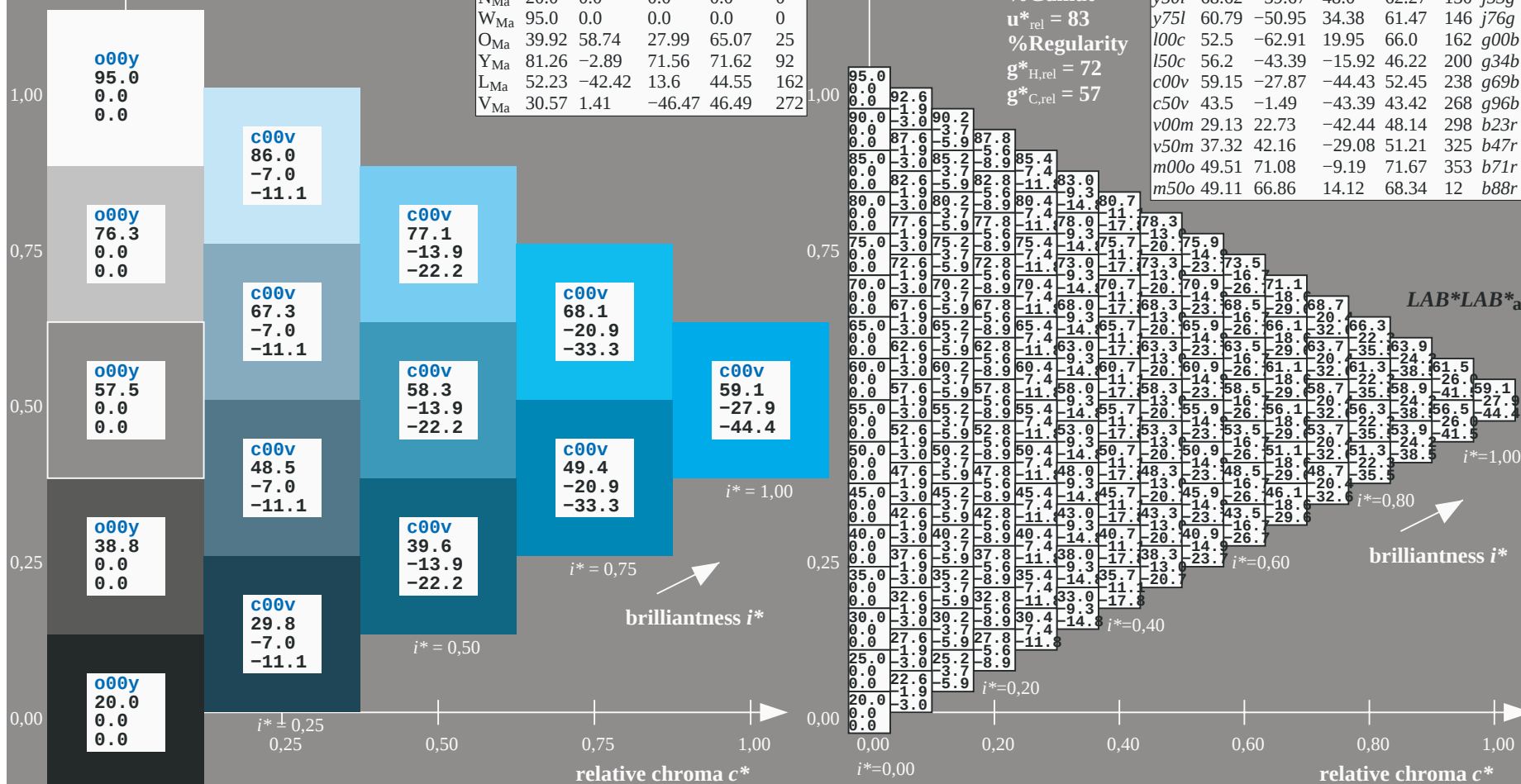
$u^*_{rel} = 83$

%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^*

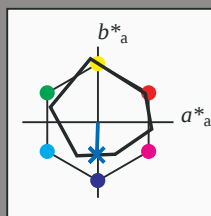
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 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

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

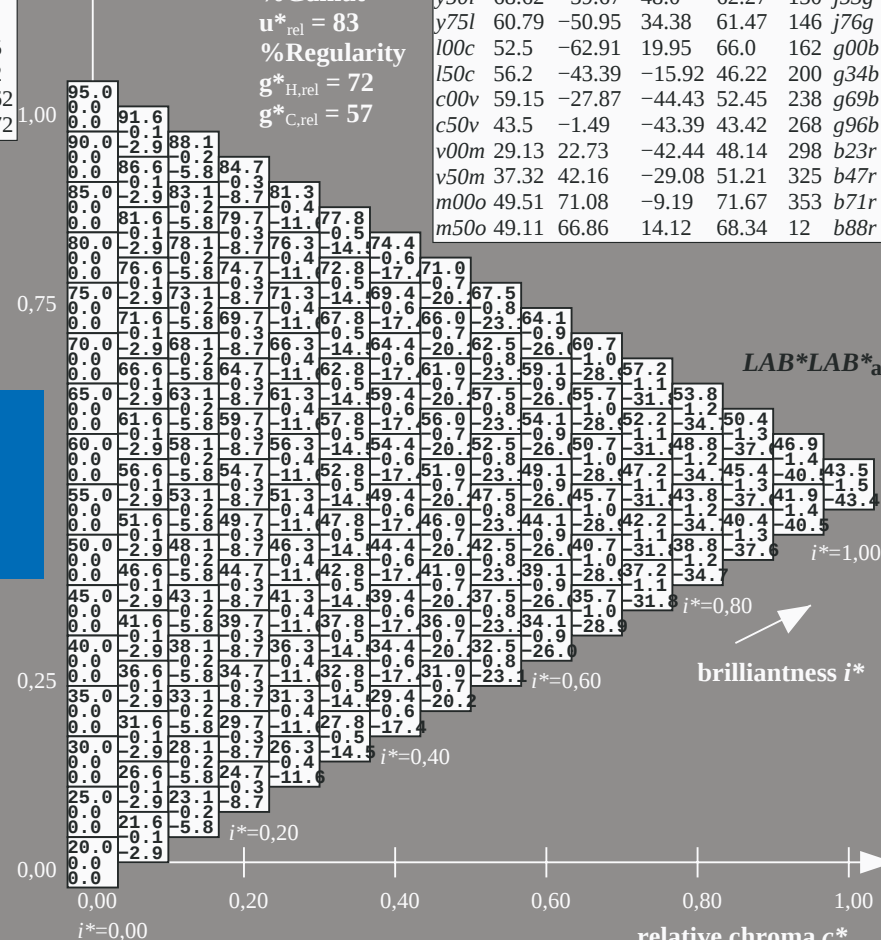
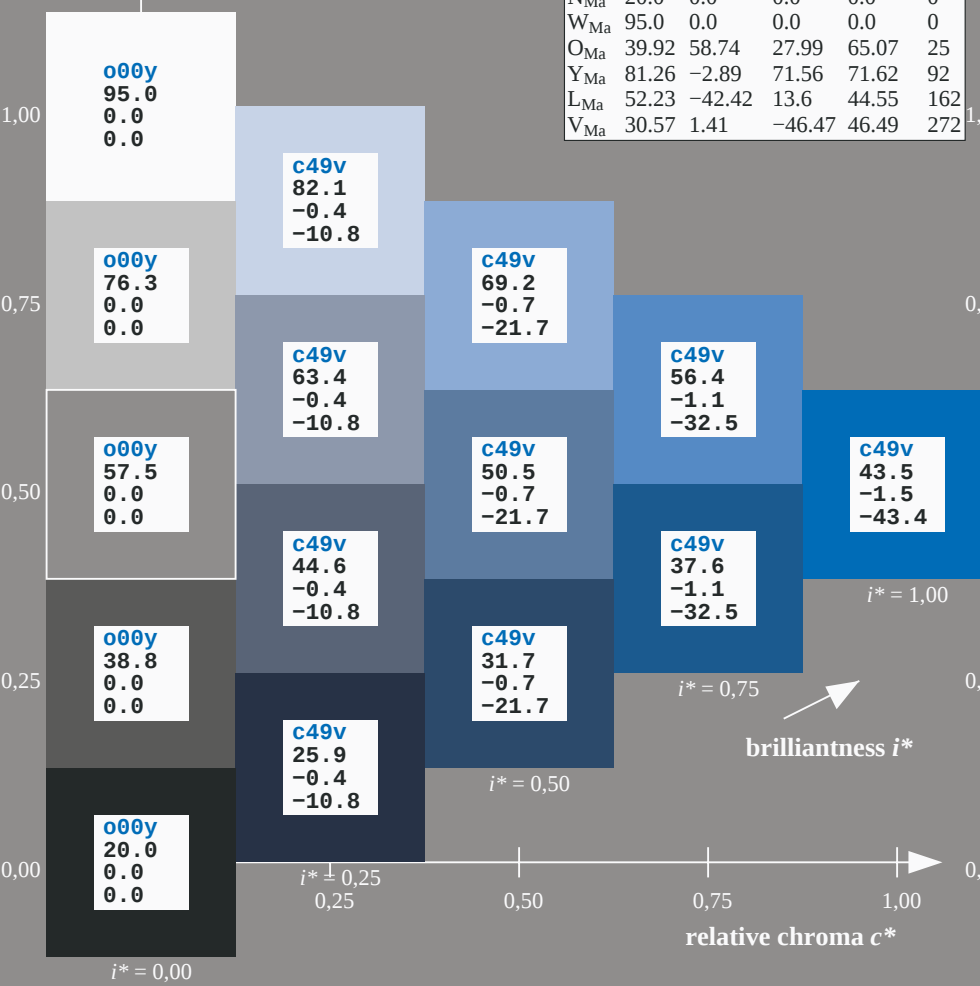
$g^*_{C,rel} = 57$

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

$\text{LAB}^*\text{LAB}^*_{Ma}$

$i^* = 1.00$

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^*

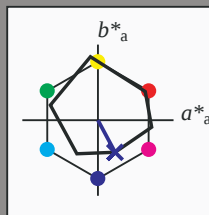
Hue texts:

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

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_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

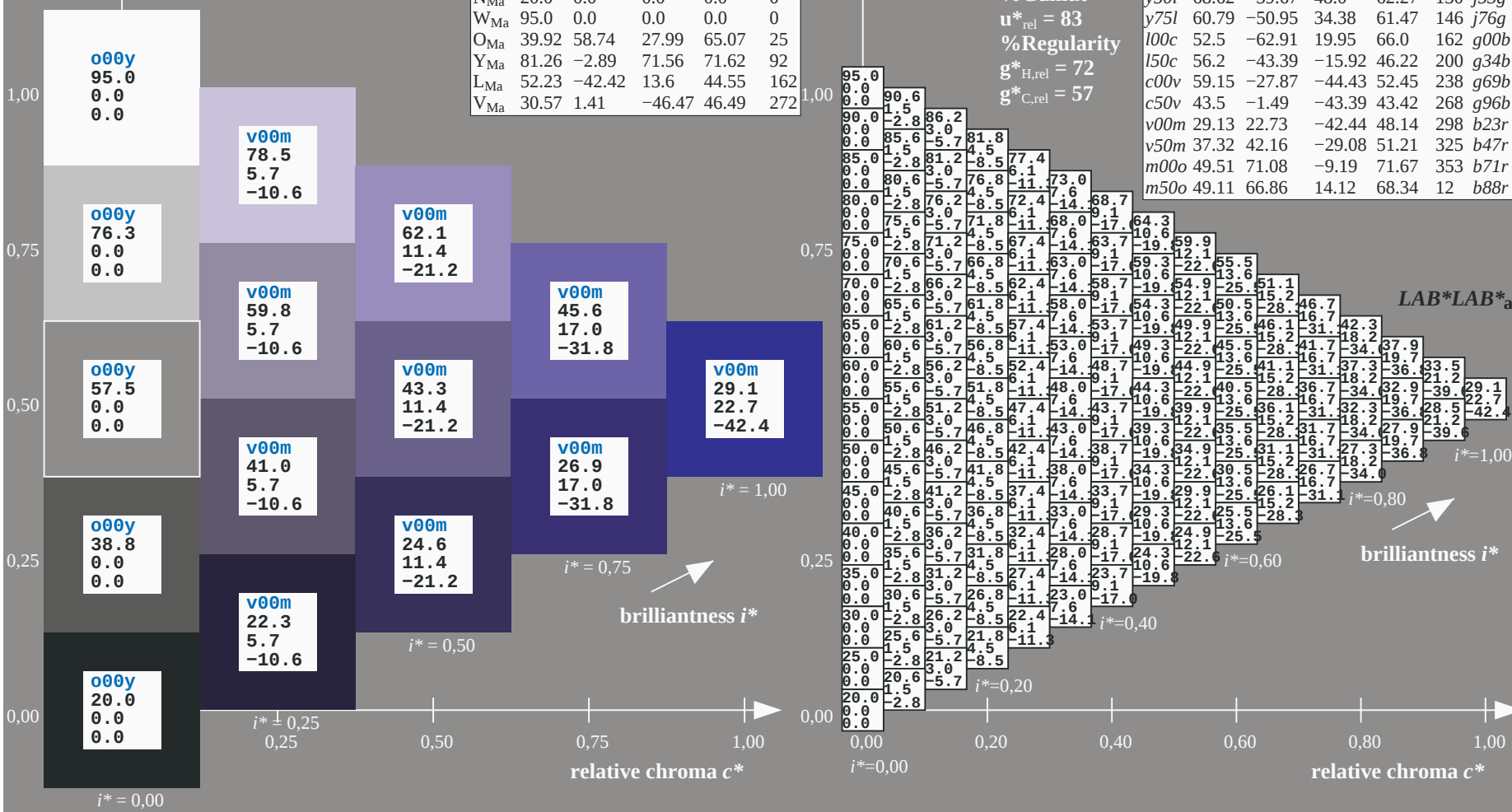
$g^*_{H,rel} = 72$

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

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

$u^*_d = v00m$
 $\text{LAB}^*\text{LAB}^*_{Ma}$



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^*

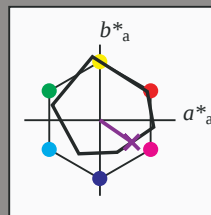
Hue texts:

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

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

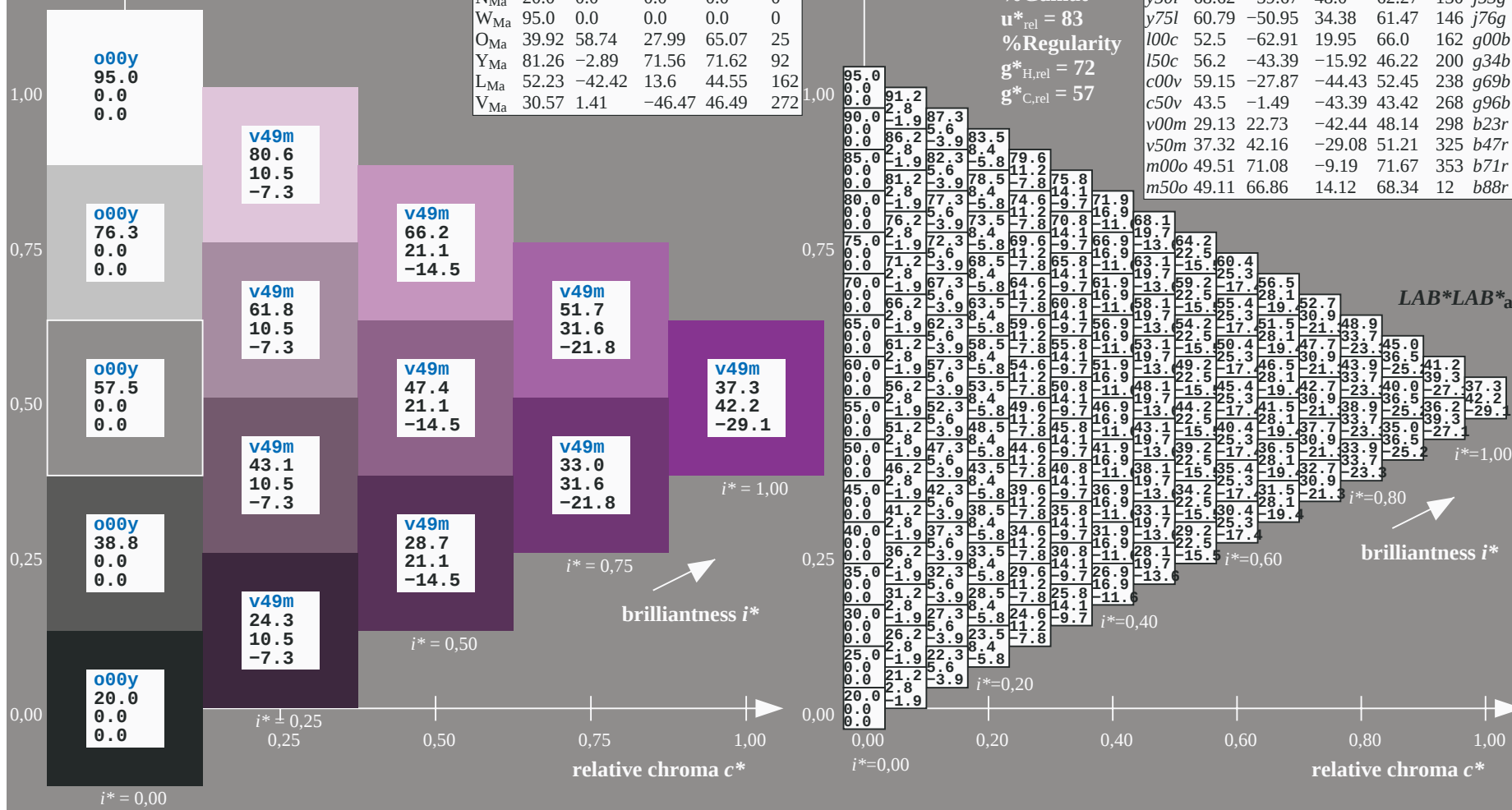
$g^*_{H,rel} = 72$

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

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^*

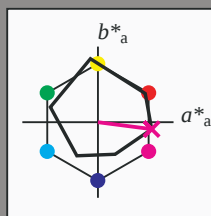
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

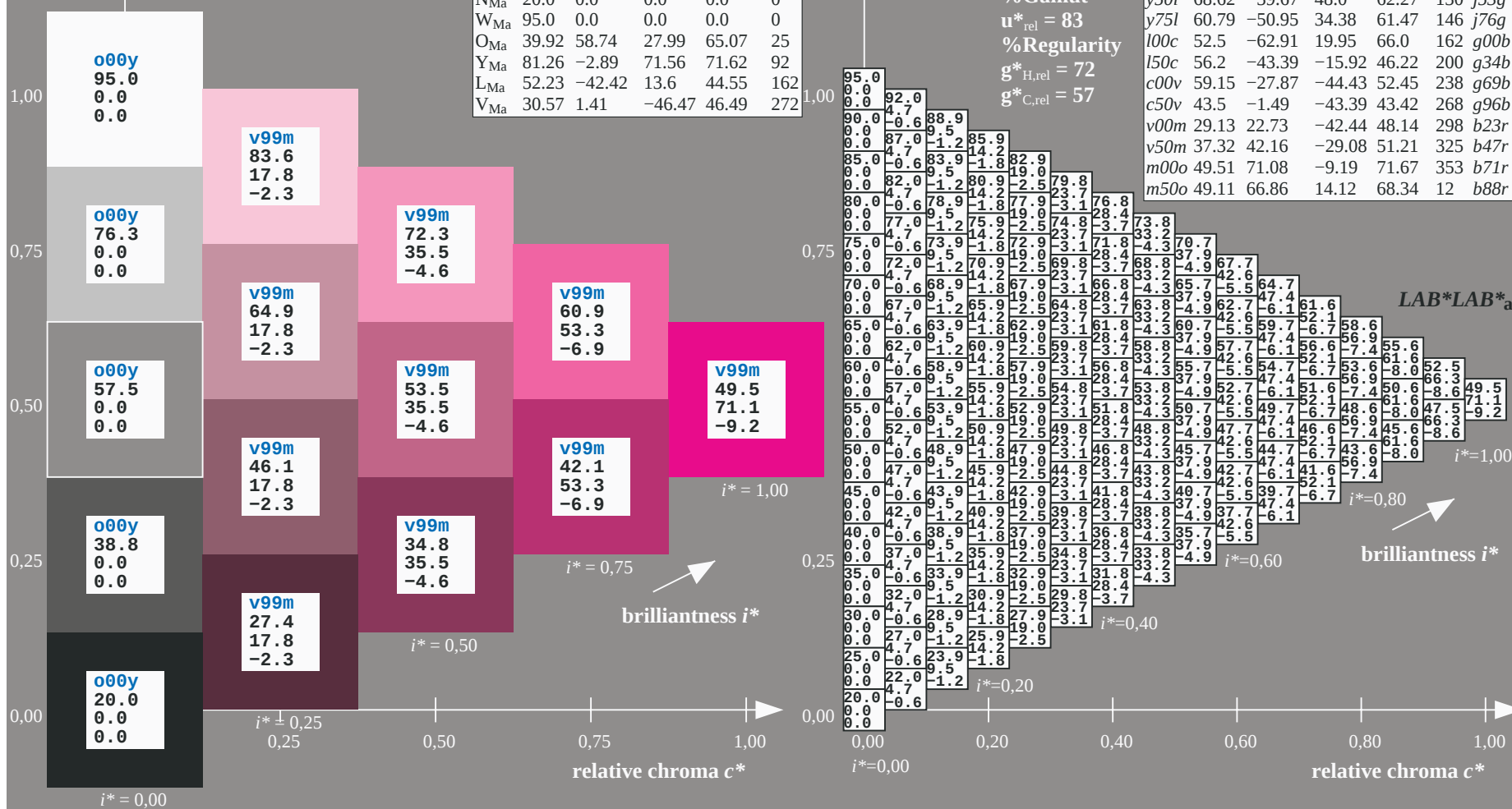
$u^*_{\text{rel}} = 83$

%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



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^*

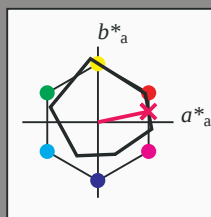
Hue texts:

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

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

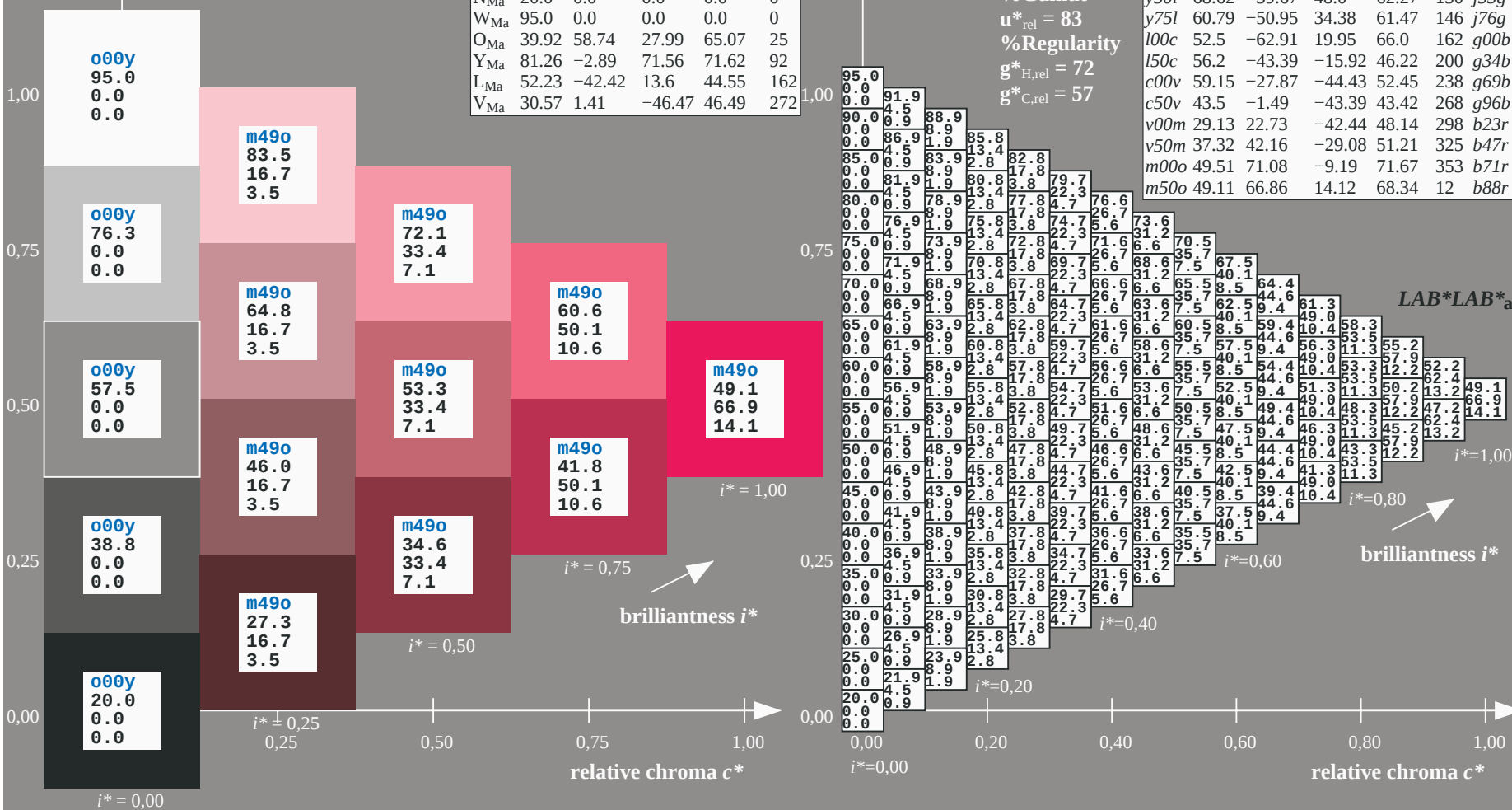
$u^*_{rel} = 83$

%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/Ee69/>; www.ps.bam.de/Ee69/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1, CIELAB, ColSpX=1

BAM registration: 20081001-Ee69/10L/L69E00FP.PS/.PDF BAM material: code=rhdata
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*	LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	1700.7	1704.8	1708.8	1712.9	1716.9	1721.0	1725.0	1729.1	1733.1	1737.2	1741.2	1745.3	1749.3	1753.4	1757.4	1761.5	1765.5	1769.6	1773.6	1777.7	1781.7	1785.8	1789.8	1793.9	1797.9	1802.0	1806.0	1810.1	1814.1	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	1972.0	1976.1	1980.1	1984.2	1988.2	1992.3	1996.3	2000.4	2004.4	2008.5	2012.5	2016.6	2020.6	2024.7	2028.7	2032.8	2036.8	2040.8	2044.9	2048.9	2053.0	2057.0	2061.1	2065.1	2069.2	2073.2	2077.3	2081.3	2085.4	2089.4	2093.5	2097.5	2101.6	2105.6	2109.7	2113.7	2117.8	2121.8	2125.9	2129.9	2134.0	2138.0	2142.0	2146.1	2150.1	2154.2	2158.2	2162.3	2166.3	2170.4	2174.4	2178.5	2182.5	2186.6	2190.6	2194.7	2198.7	2202.8	2206.8	2210.9	2214.9	2219.0	2223.0	2227.1	2231.1	2235.2	2239.2	2243.3	2247.3	2251.4	2255.4	2259.5	2263.5	2267.6	2271.6	2275.7	2279.7	2283.8	2287.8	2291.9	2295.9	2300.0	2304.0	2308.1	2312.1	2316.2	2320.2	2324.3	2328.3	2332.4	2336.4	2340.5	2344.5	2348.6	2352.6	2356.7	2360.7	2364.8	2368.8	2372.9	2376.9	2381.0	2385.0	2389.1	2393.1	2397.2	2401.2	2405.3	2409.3	2413.4	2417.4	2421.5	2425.5	2429.6	2433.6	2437.7	2441.7	2445.8	2449.8	2453.9	2457.9	2461.9	2466.0	2470.0	2474.1	2478.1	2482.2	2486.2	2490.3	2494.3	2498.4	2502.4	2506.5	2510.5	2514.6	2518.6	2522.7	2526.7	2530.7	2534.8	2538.8	2542.9	2546.9	2551.0	2555.0	2559.1	2563.1	2567.2	2571.2	2575.3	2579.3	2583.4	2587.4	2591.5	2595.5	2599.6	2603.6	2607.7	2611.7	2615.8	2619.8	2623.9	2627.9	2631.9	2636.0	2640.0	2644.1	2648.1	2652.2	2656.2	2660.3	2664.3	2668.4	2672.4	2676.5	2680.5	2684.6	2688.6	2692.7	2696.7	2700.7	2704.8	2708.8	2712.9	2716.9	2721.0	2725.0	2729.1	2733.1	2737.2	2741.2	2745.3	2749.3	2753.4	2757.4	2761.5	2765.5	2769.6	2773.6	2777.7	2781.7	2785.8	2789.8	2793.9	2797.9	2802.0	2806.0	2810.1	2814.1	2818.2	2822.2	2826.3	2830.3	2834.4	2838.4	2842.5	2846.5	2850.6	2854.6	2858.7	2862.7	2866.8	2870.8	2874.9	2878.9	2883.0	2887.0	2891.1	2895.1	2899.2	2903.2	2907.3	2911.3	2915.4	2919.4	2923.5	2927.5	2931.6	2935.6	2939.7	2943.7	2947.8	2951.8	2955.9	2959.9	2964.0	2968.0	2972.0	2976.1	2980.1	2984.2	2988.2	2992.3	2996.3	3000.4	3004.4	3008.5	3012.5	3016.6	3020.6	3024.7	3028.7	3032.8	3036.8	3040.8	3044.9	3048.9	3053.0	3057.0	3061.1	3065.1	3069.2	3073.2	3077.3	3081.3	3085.4	3089.4	3093.5	3097.5	3101.6	3105.6	3109.7	3113.7	3117.8	3121.8	3125.9	3129.9	3134.0	3138.0	3142.0	3146.1	3150.1	3154.2	3158.2	3162.3	3166.3	3170.4	3174.4	3178.5	3182.5	3186.6	3190.6	3194.7	3198.7	3202.8	3206.8	3210.9	3214.9	3219.0	3223.0	3227.1	3231.1	3235.2	3239.2	3243.3	3247.3	3251.4	3255.4	3259.5	3263.5	3267.6	3271.6	3275.7	3279.7	3283.8	3287.8	3291.9	3295.9	3300.0	3304.0	3308.1	3312.1	3316.2	3320.2	3324.3	3328.3	3332.4	3336.4	3340.5	3344.5	3348.6	3352.6	3356.7	3360.7	3364.8	3368.8	3372.9	3376.9	3381.0	3385.0	3389.1	3393.1	3397.2	3401.2	3405.3	3409.3	3413.4	3417.4	3421.5	3425.5	3429.6	3433.6	3437.7	3441.7	3445.8	3449.8	3453.9	3457.9	3461.9	3466.0	3470.0	3474.1	3478.1	3482.2	3486.2	3490.3	3494.3	3498.4	3502.4	3506.5	3510.5	3514.6	3518.6	3522.7	3526.7	3530.7	3534.8	3538.8	3542.9	3546.9	3551.0	3555.0	3559.1	3563.1	3567.2	3571.2	3575.3	3579.3	3583.4	3587.4	3591.5	3595.5	3599.6	3603.6	3607.7	3611.7	3615.8	3619.8	3623.9	3627.9	3631.9	3636.0	3640.0	3644.1	3648.1	3652.2	3656.2	3660.3	3664.3	3668.4	3672.4	3676.5	3680.5	3684.6	3688.6	3692.7	3696.7	3700.7	3704.8	3708.8	3712.9	3716.9	3721.0	3725.0	3729.1	3733.1	3737.2	3741.2	3745.3	3749.3	3753.4	3757.

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

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

device hue text:

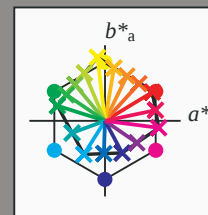
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

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

$u^*_{rel} = 83$

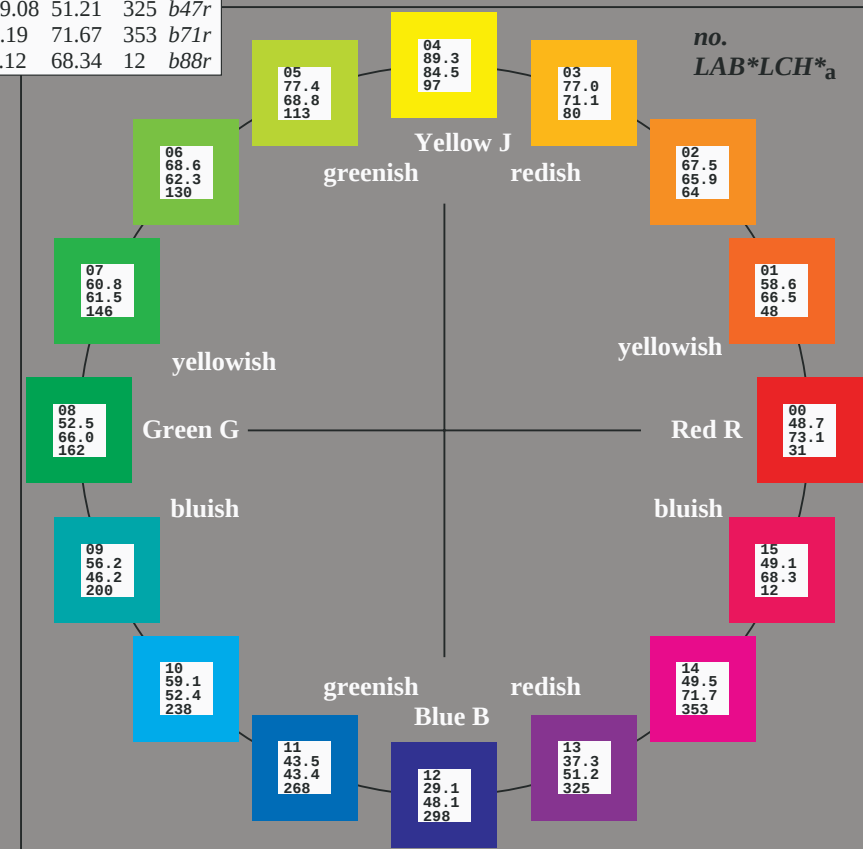
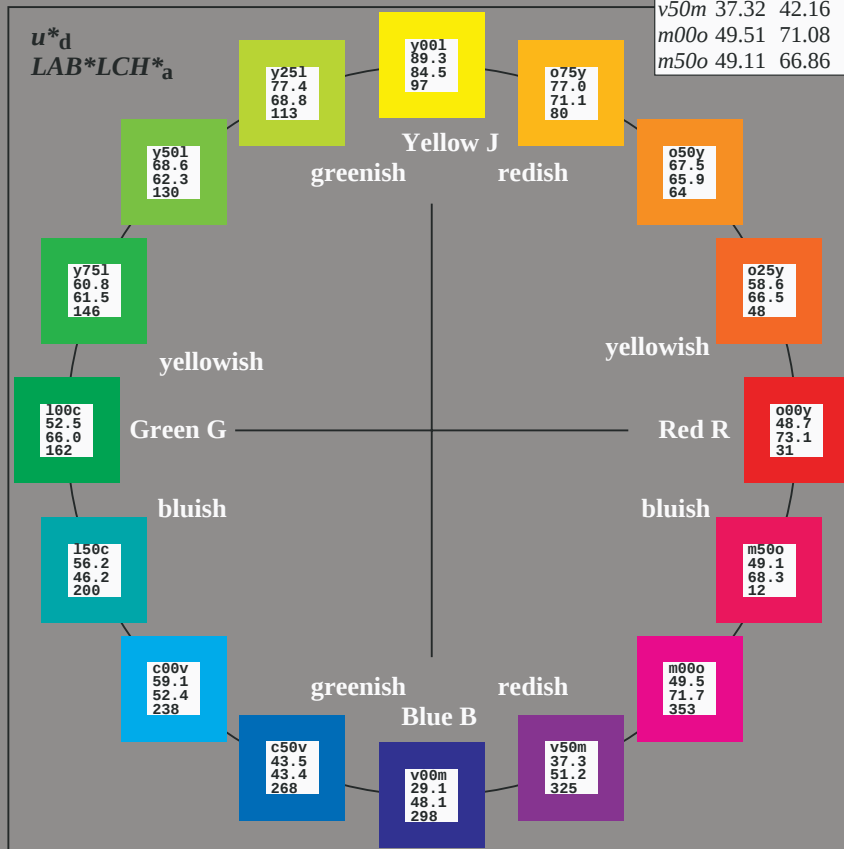
%Regularity

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

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

ORS20_95a; adapted (a) CIELAB data

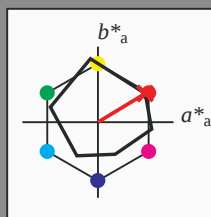
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

$\text{LAB}^*\text{LAB}^*_{Ma}$: 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

$u^*_d = o00y$
 $\text{LAB}^*\text{LCH}^*_{Ma}$

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

$i^*=1.00$

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 $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:

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

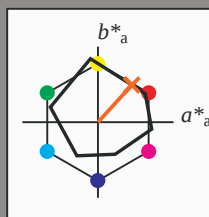
Hue texts:

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

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):

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

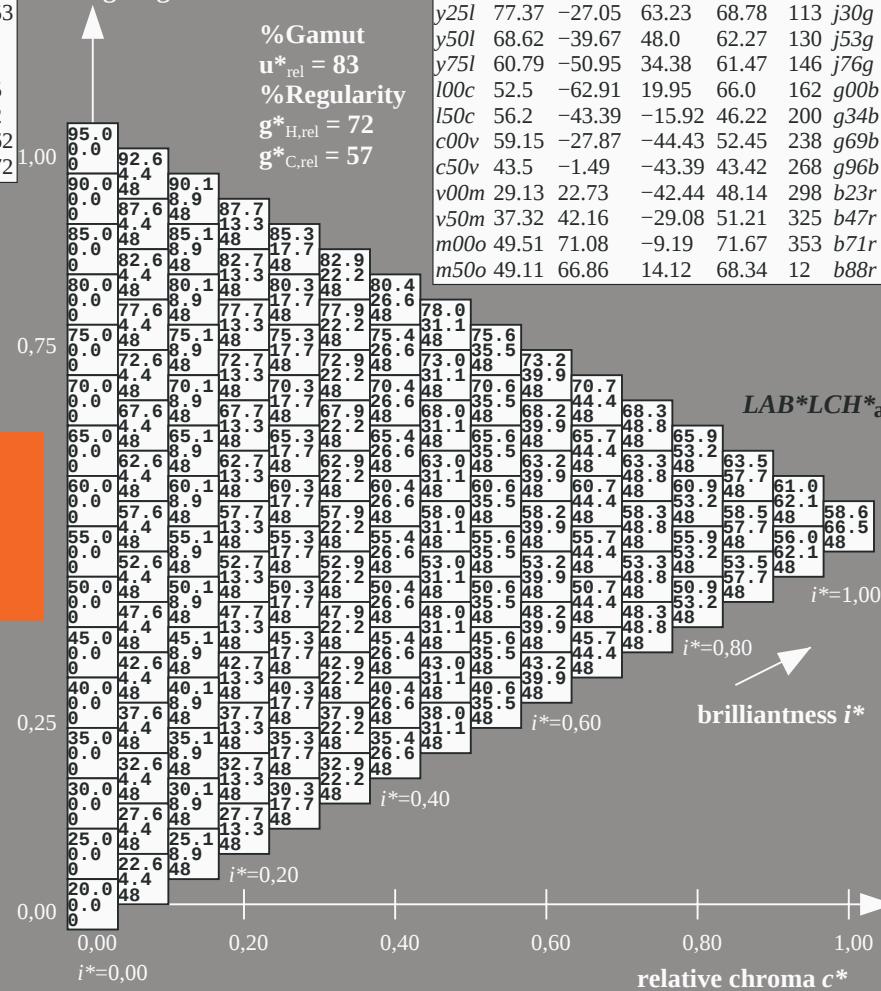
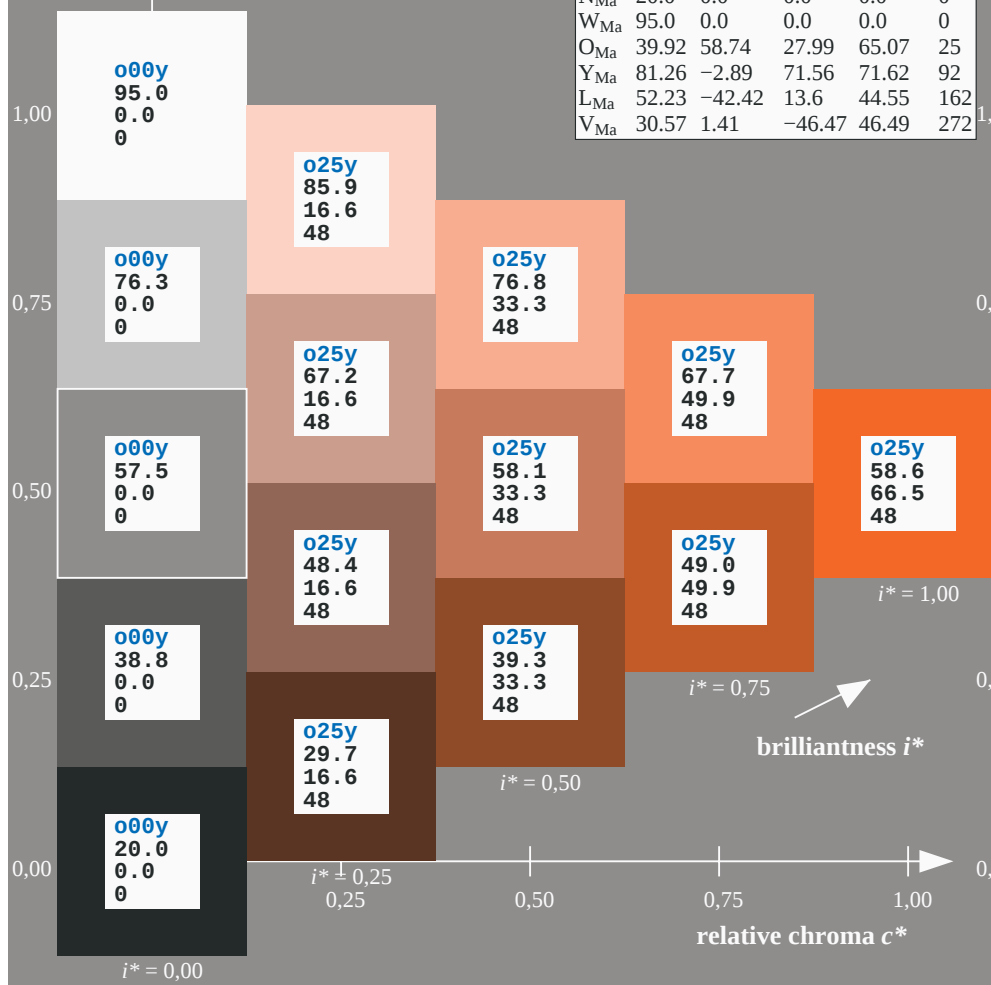
$u^*_{rel} = 83$

%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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.178$

data for any colour:

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

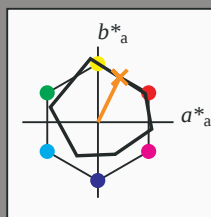
Hue texts:

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

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

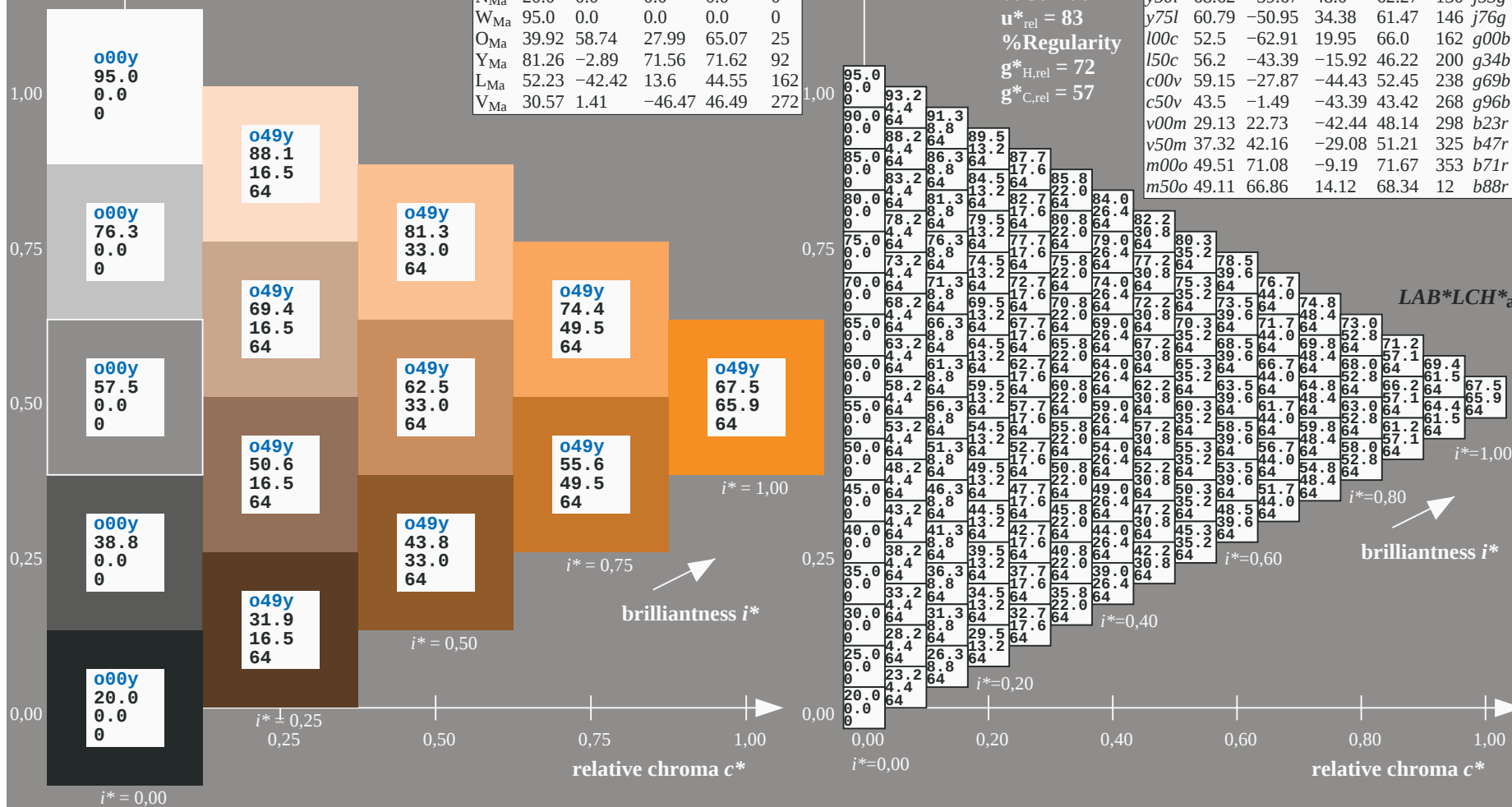
$u^*_{rel} = 83$

%Regularity

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

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

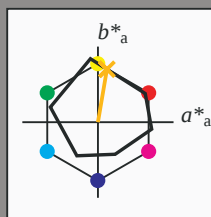
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

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

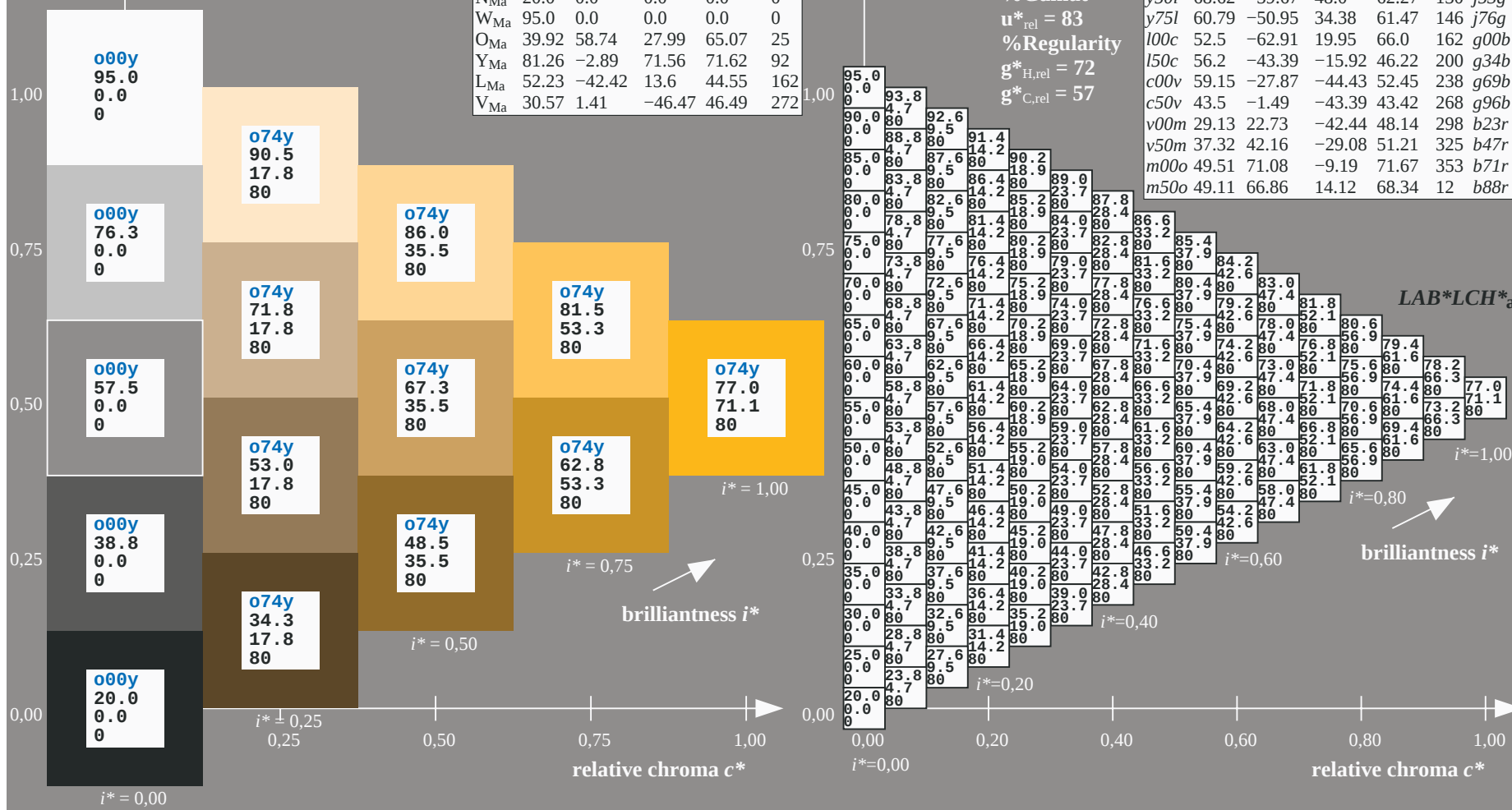
%Regularity

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

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

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

$u^*_d = o75y$
 $\text{LAB}^*\text{LCH}^*_{\text{a}}$



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^*

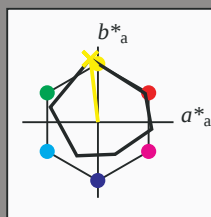
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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^*

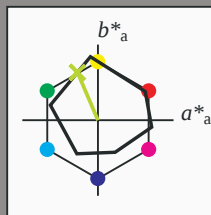
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

$u^*_d = y25l$
 $\text{LAB}^*\text{LCH}^*_{\text{Ma}}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

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^*

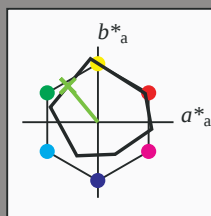
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

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

$i^*=1.00$

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.406$
data for any colour:

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

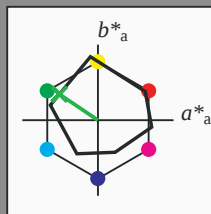
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

$u^*_d = y75l$
 $\text{LAB}^*\text{LCH}^*_{\text{a}}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

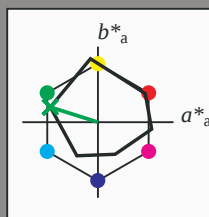
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

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

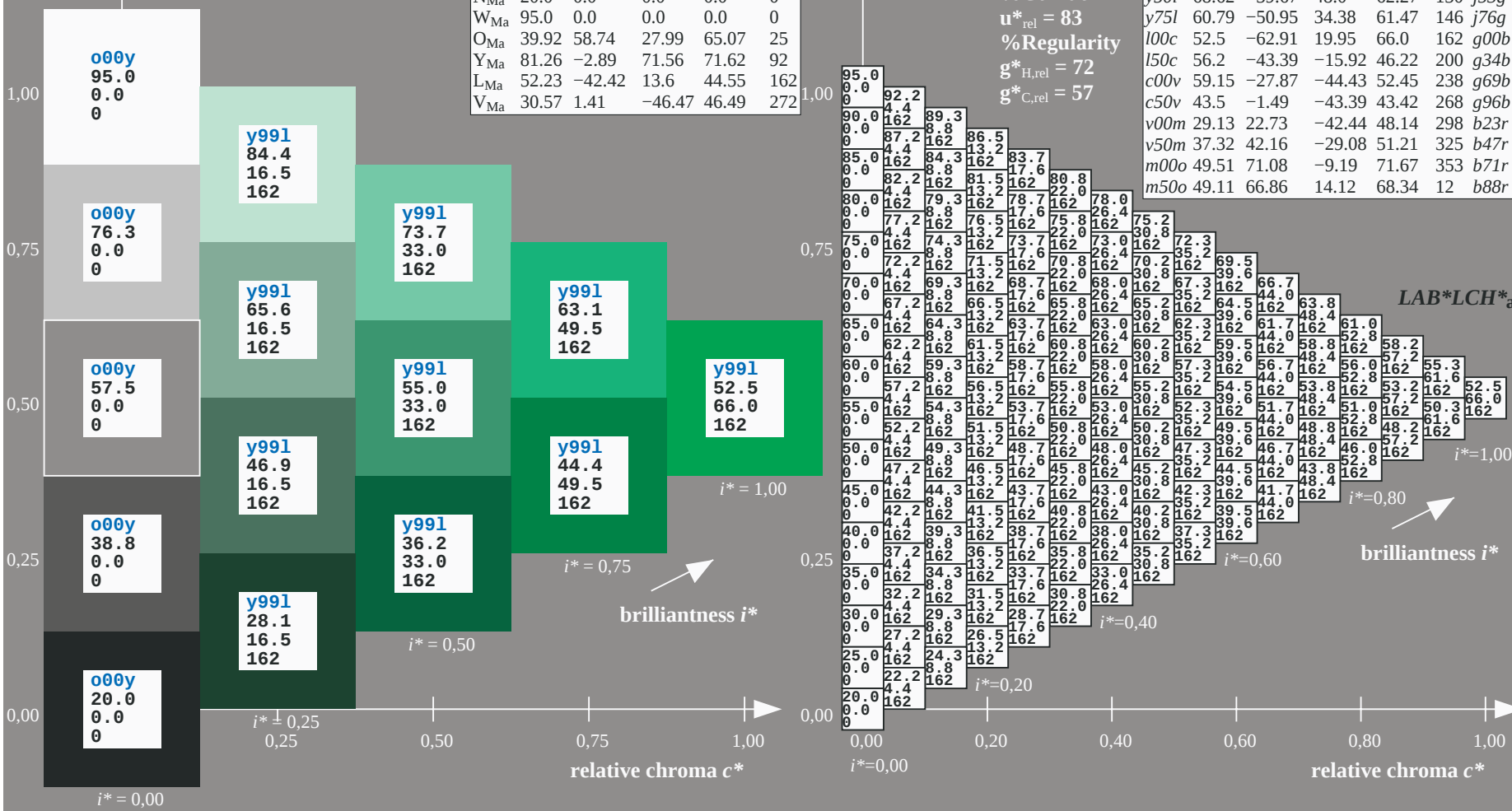
%Regularity

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

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

ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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

$u^*_d = 100c$
 $\text{LAB}^*\text{LCH}^*_{\text{Ma}}$



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

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

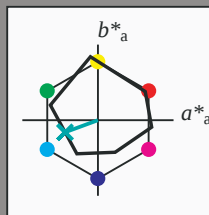
Hue texts:

$u^*_d = 150c$ $u^*_e = g34b$

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

$u^*_{rel} = 83$

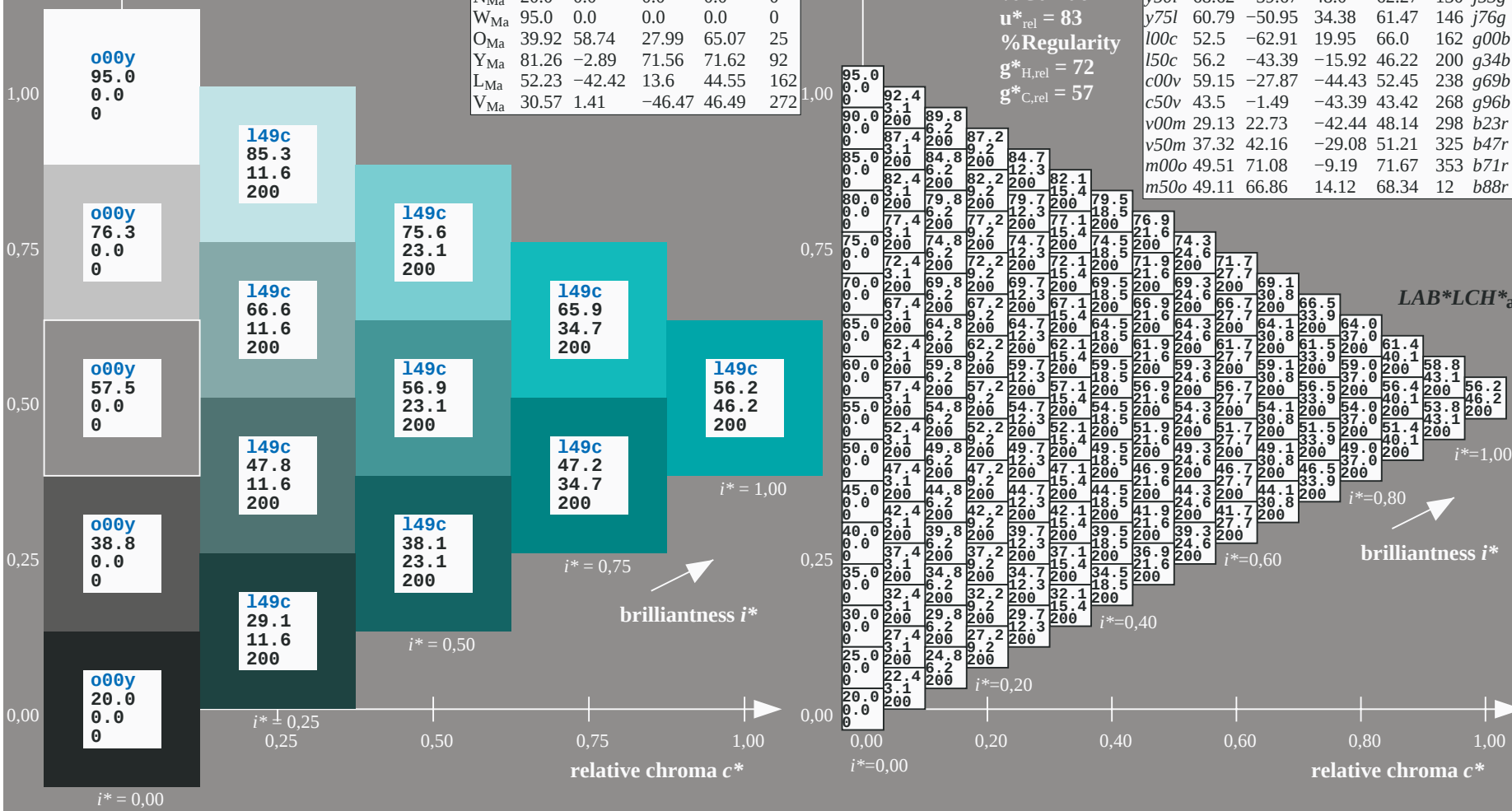
%Regularity

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

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

ORS20_95a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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

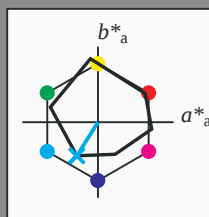
$u^*_d = 150c$
 $LAB^*LCH^*_{Ma}$



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^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

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^*

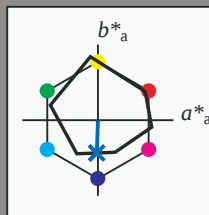
Hue texts:

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

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; 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

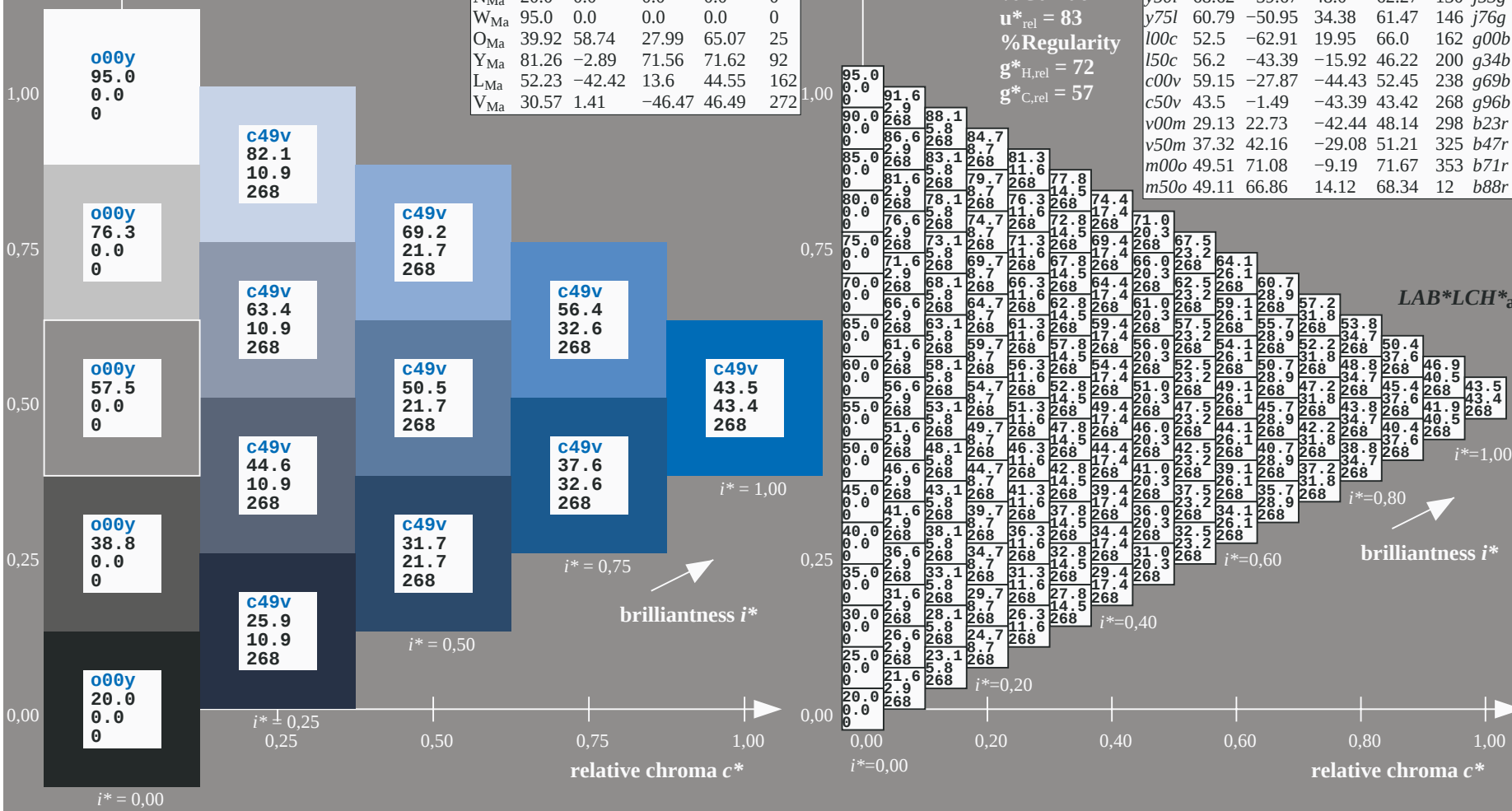
$g^*_{H,\text{rel}} = 72$

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

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

$u^*_d = c50v$
 $\text{LAB}^*\text{LCH}^*_{\text{a}}$



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^*

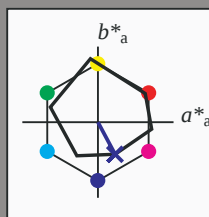
Hue texts:

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

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	$C^*_{ab,a}$	$h^*_{ab,a}$
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

$u^*_d = v00m$
 $\text{LAB}^*\text{LCH}^*_{Ma}$

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

$i^* = 1.00$

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 $h^* = lab^*h^* = h_{ab}/360 = 0.904$

data for any colour:

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

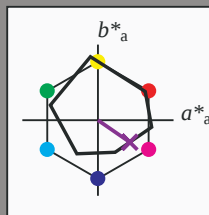
Hue texts:

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

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

$u^*_d = v50m$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.98$

data for any colour:

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

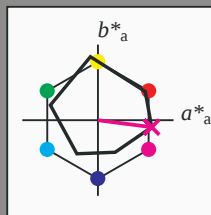
Hue texts:

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

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

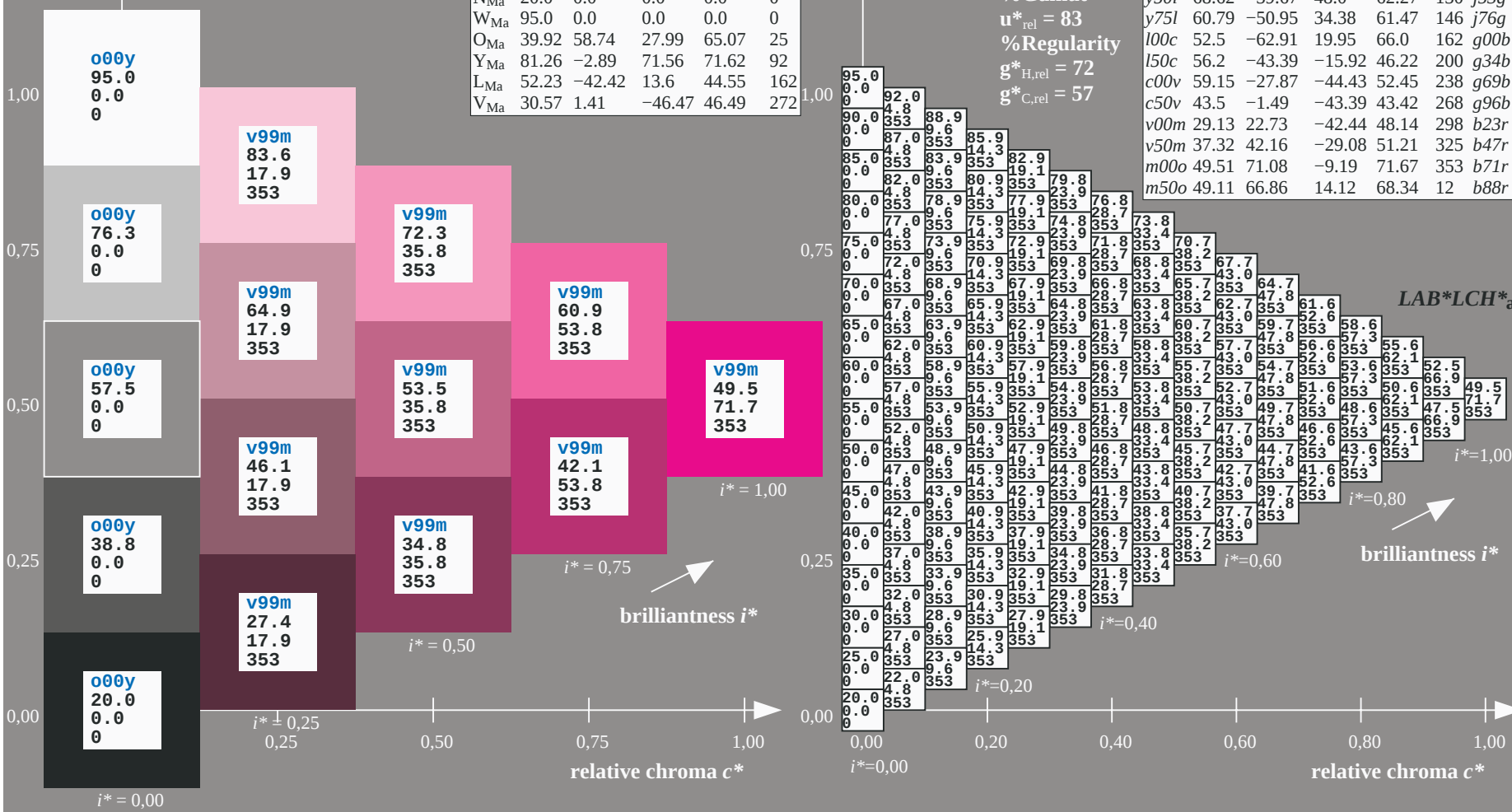
$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

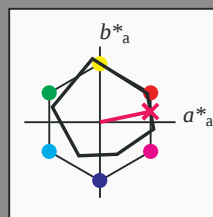
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	63.23	68.78	113	j30g
y50l	68.62	-39.67	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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.033$
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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

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

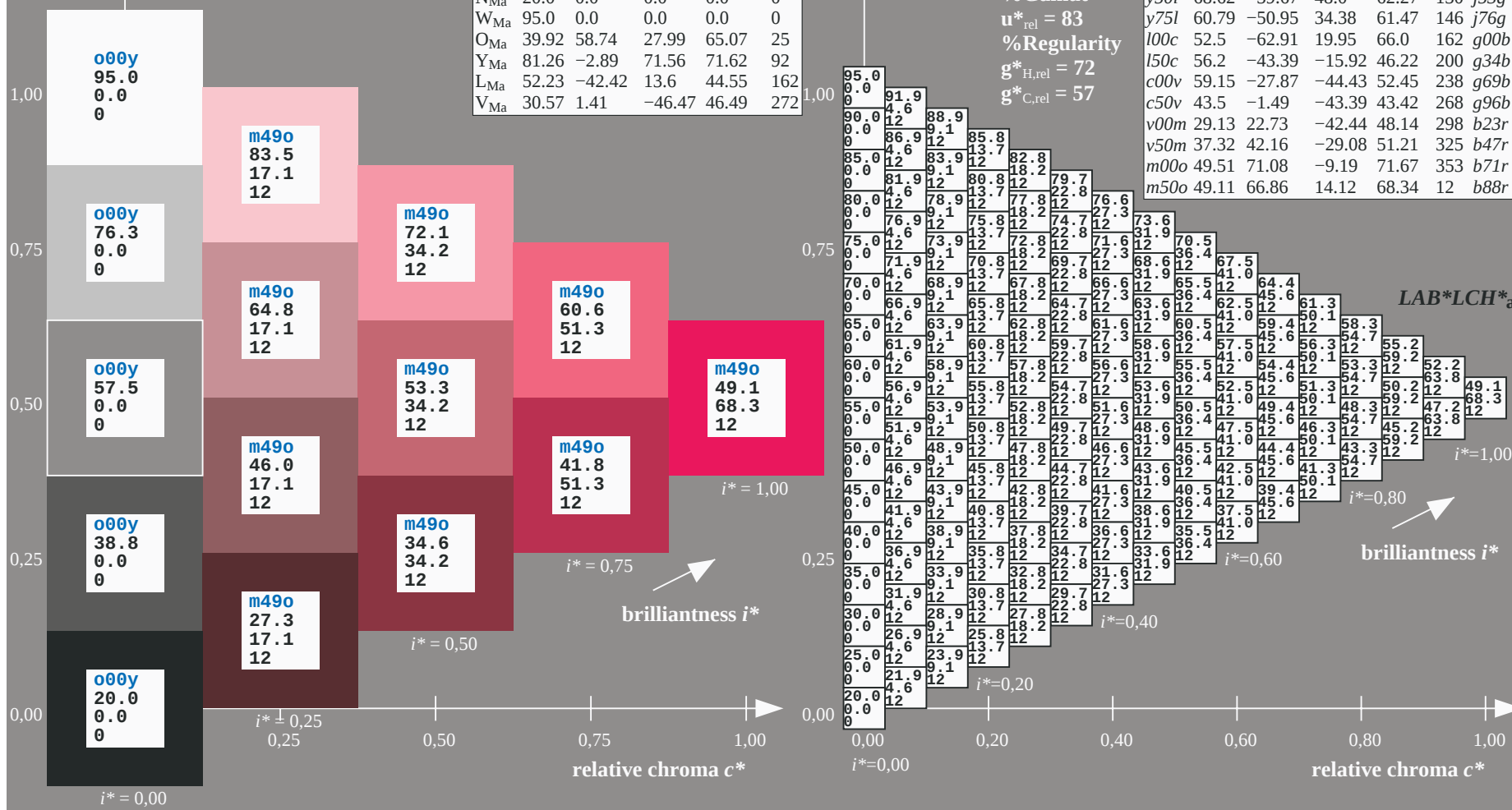
%Regularity

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

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

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

$u^*_d = m50o$
 $\text{LAB}^*\text{LCH}^*_{\text{Ma}}$



See for similar files: <http://www.ps.bam.de/Ee69/>; www.ps.bam.de/Ee69/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=1

	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	28.0	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	4499.0	4503.1	4507.2	4511.3	4515.4	4519.5	4523.6	4527.7	4531.8	4535.9	4540.0	4544.1	4

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

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

device hue text:

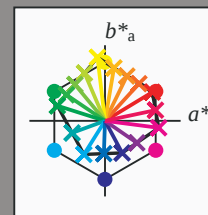
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

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

$u^*_{rel} = 83$

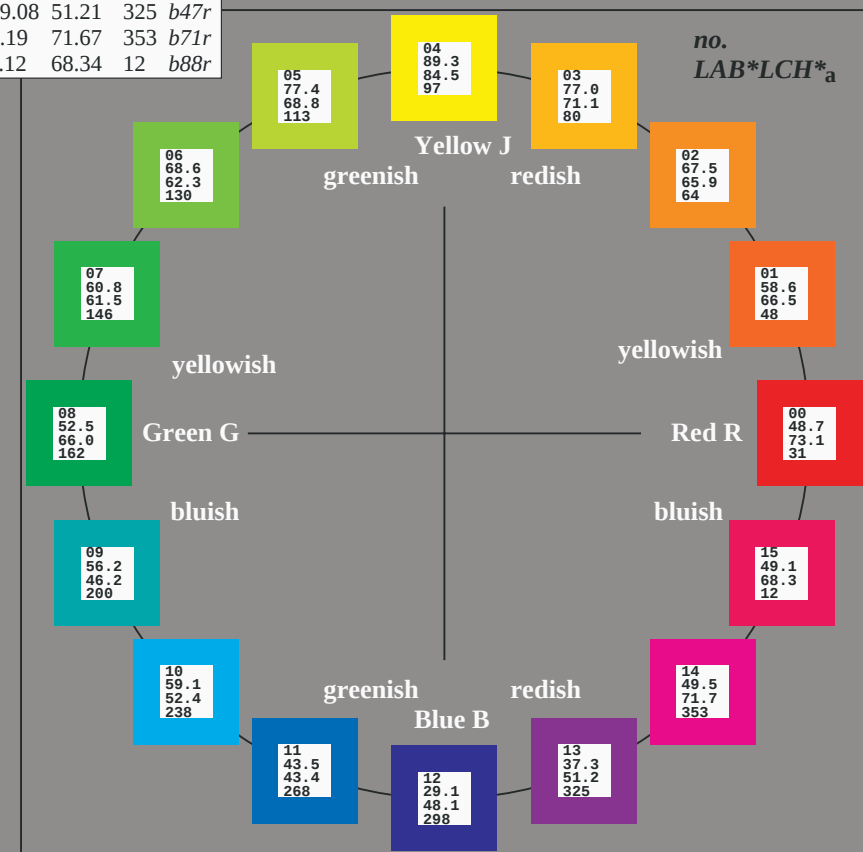
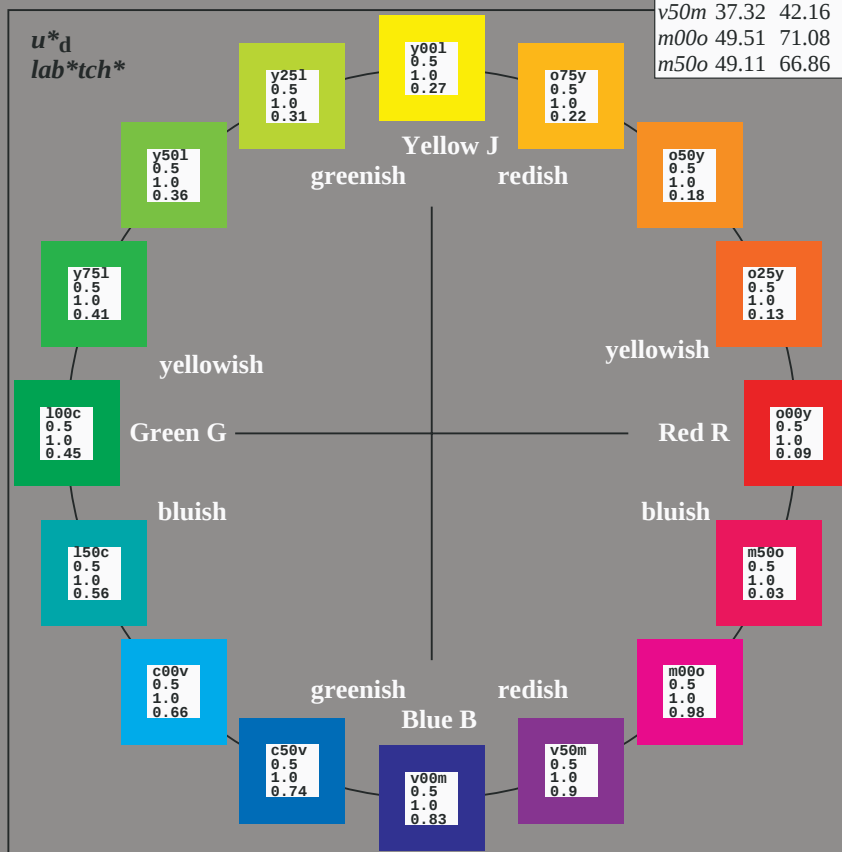
%Regularity

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

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

ORS20_95a; adapted (a) CIELAB data

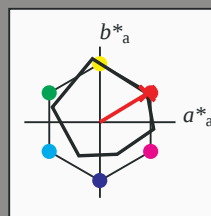
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

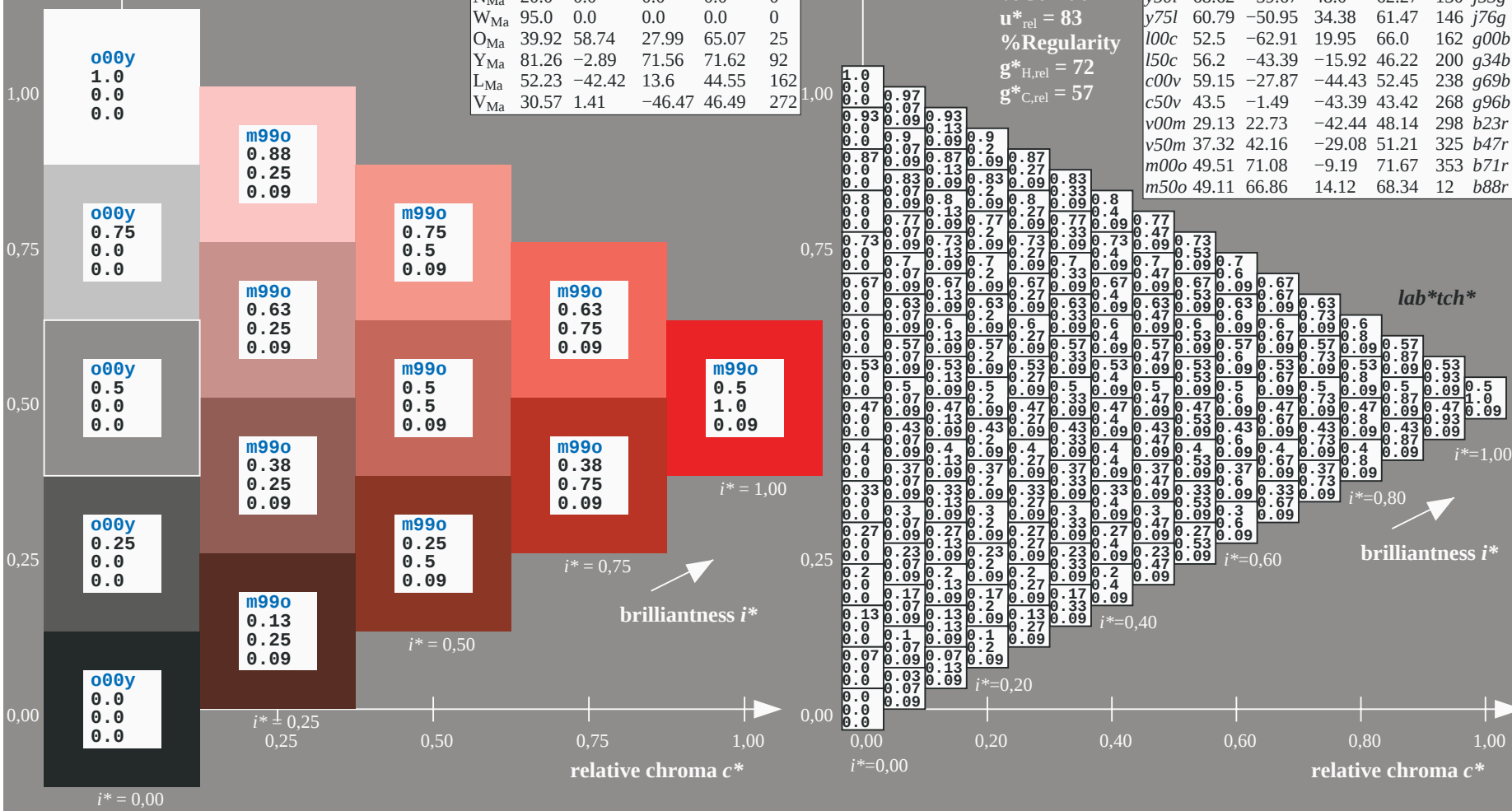
$u^*_{rel} = 83$

% 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^*

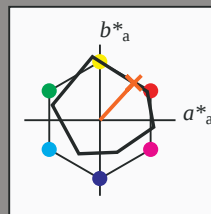
Hue texts:

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

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

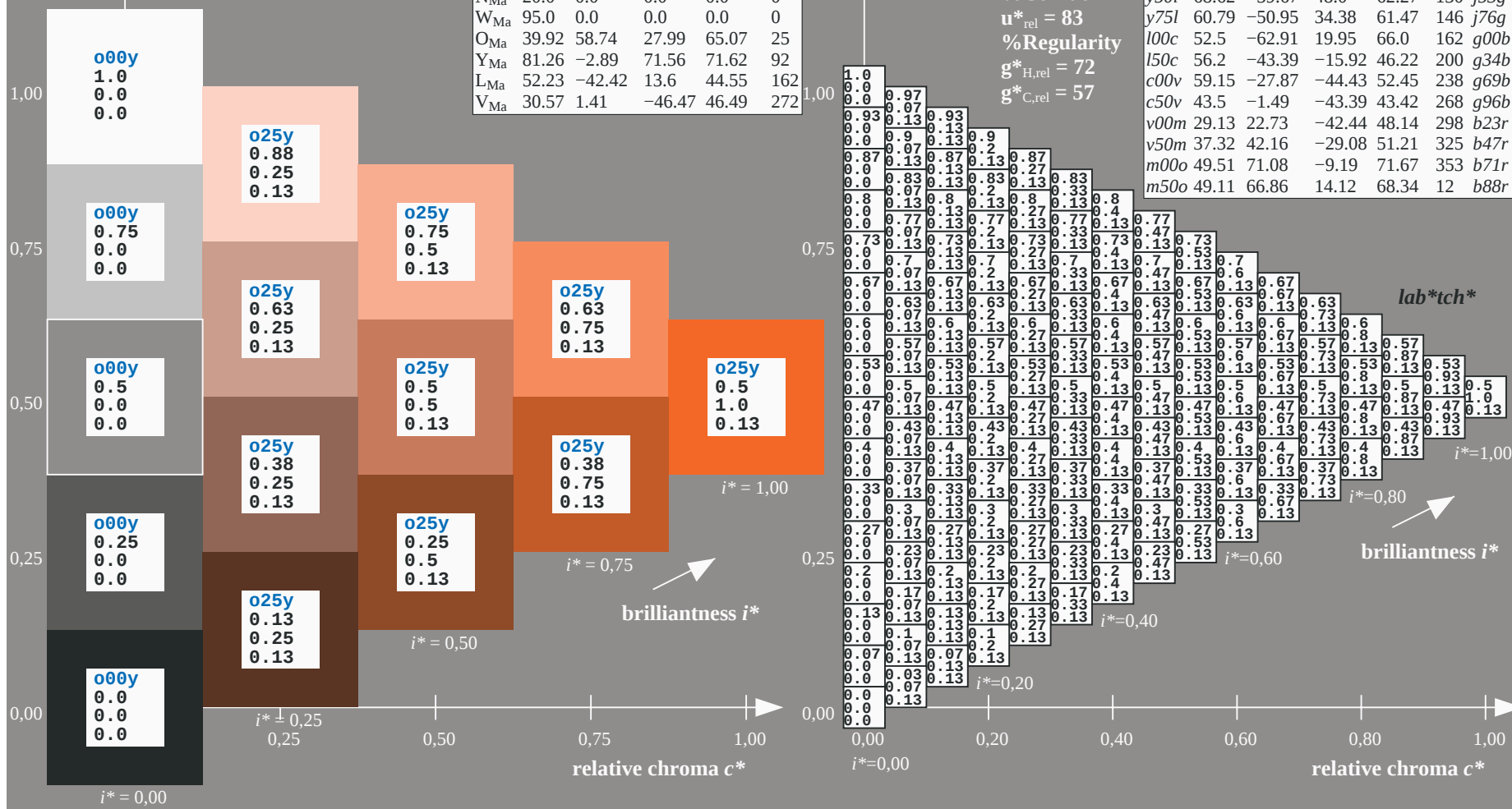
$g^*_{H,rel} = 72$

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

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

$u^*_d = o25y$
 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^*

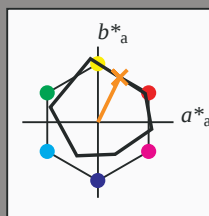
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

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

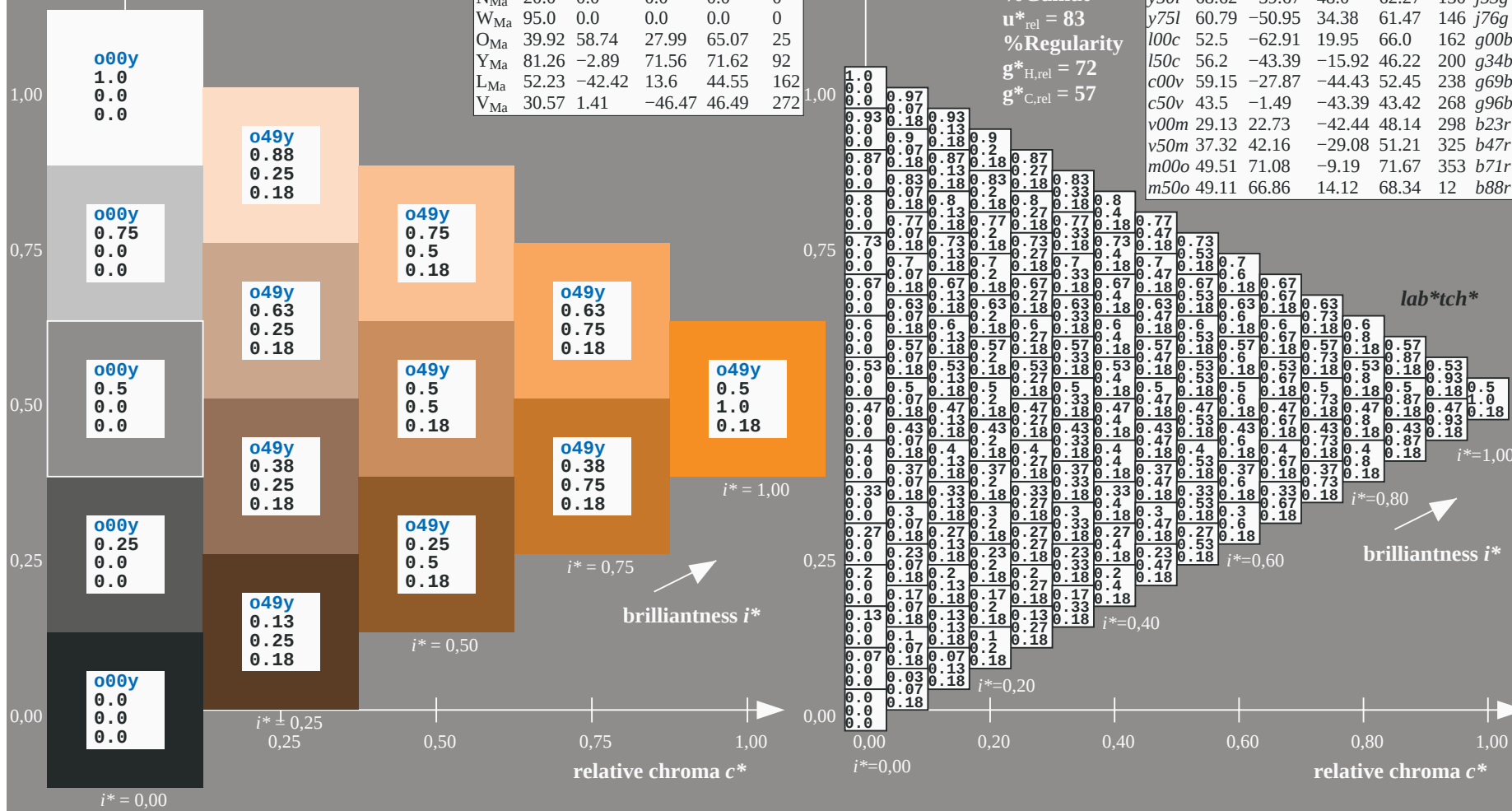
% Regularity

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

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

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

$u^*_d = o50y$
 lab^*tch^*



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^*

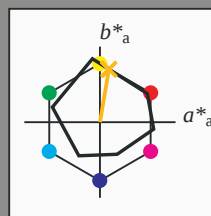
Hue texts:

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

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

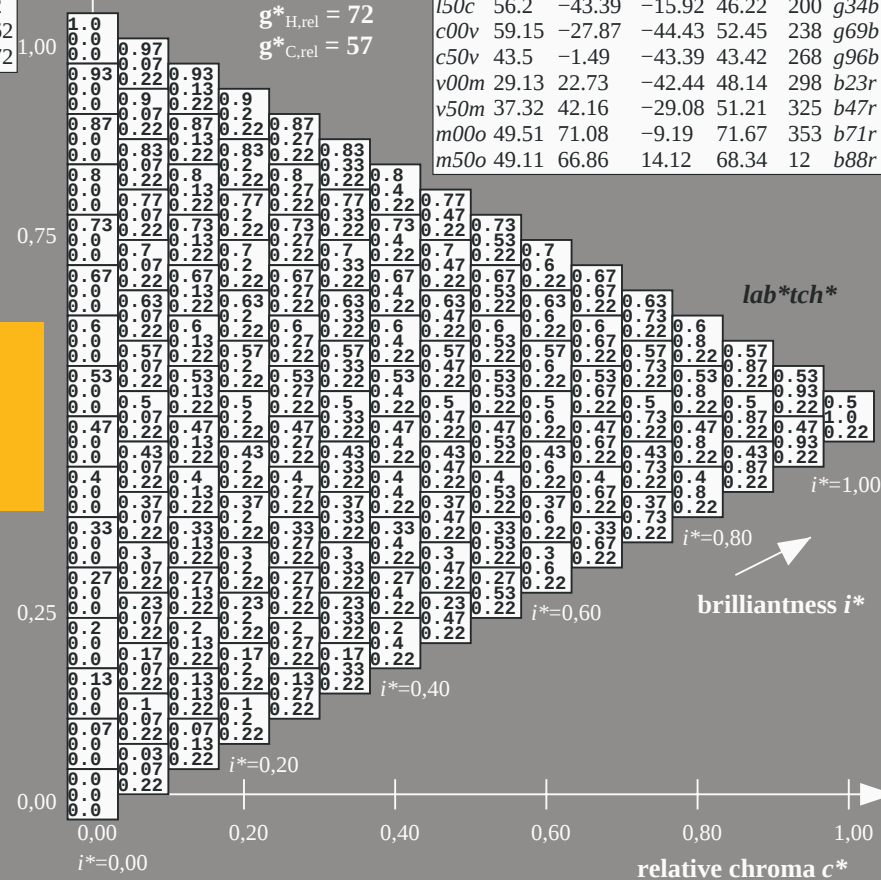
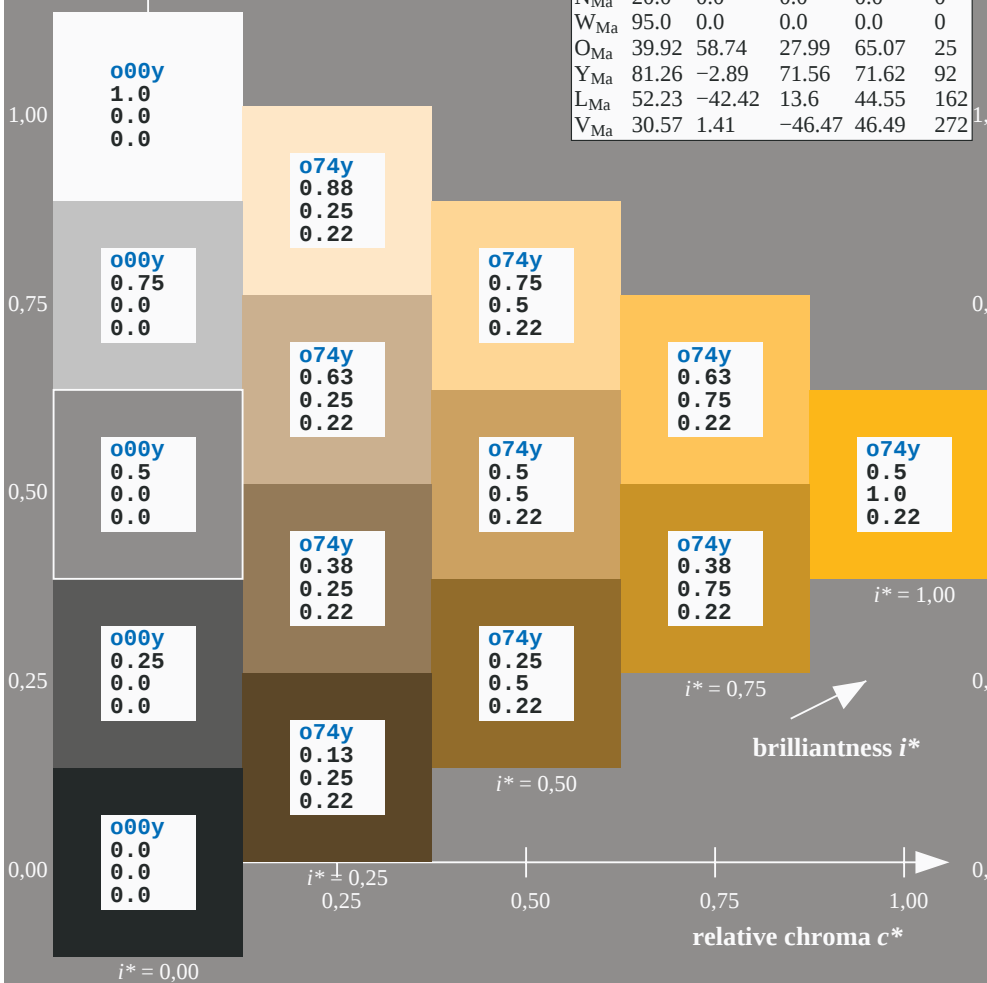
$u^*_{\text{rel}} = 83$

% 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



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^*

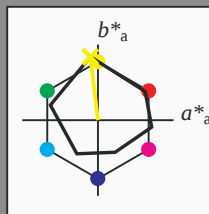
Hue texts:

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

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

$u^*_d = y00l$
 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 $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

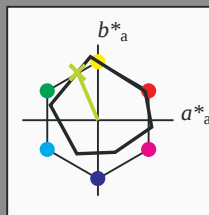
Hue texts:

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

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

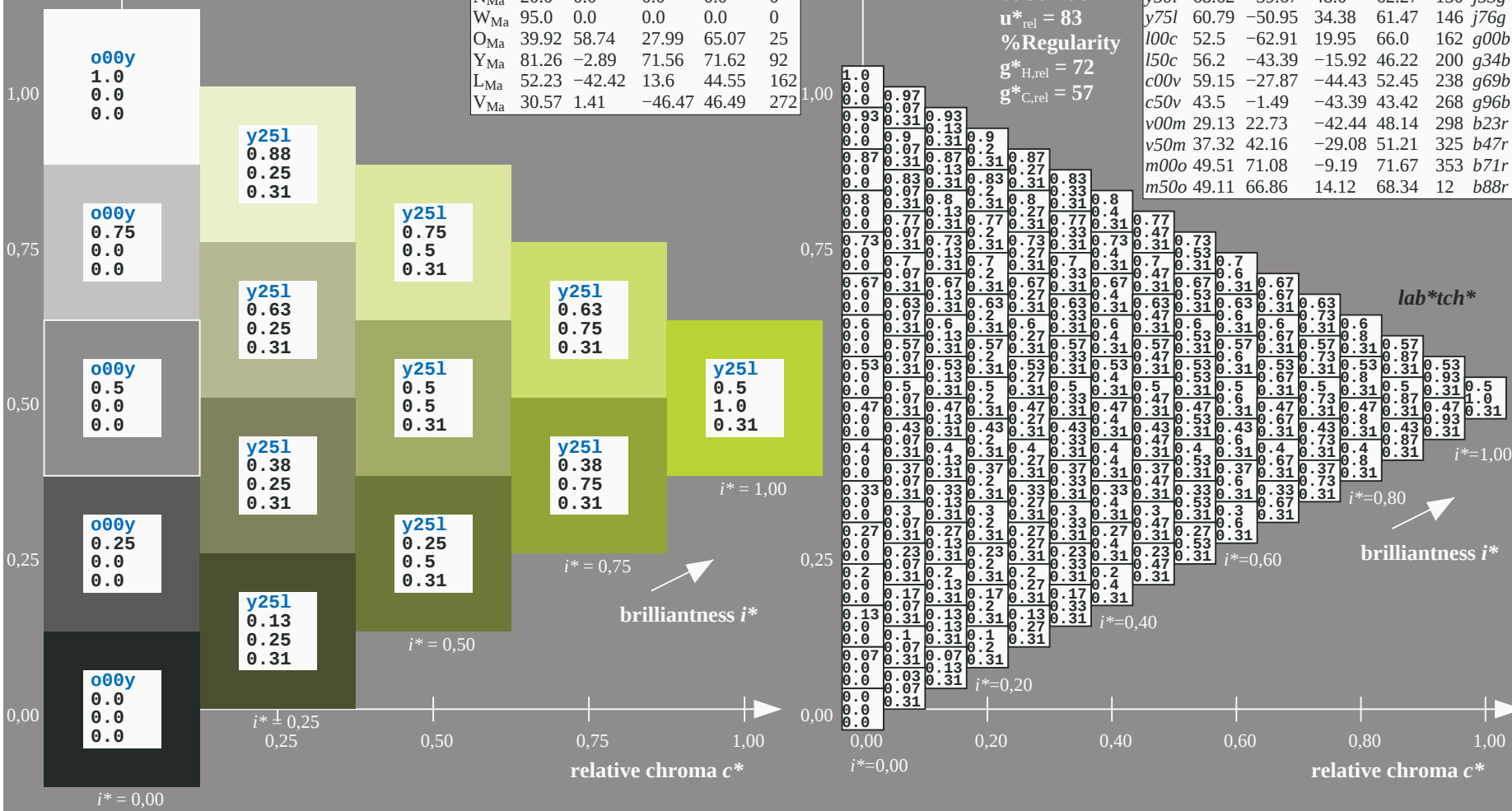
$g^*_{H,rel} = 72$

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

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^*tch^*



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^*

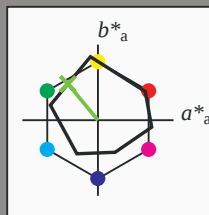
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.406$

data for any colour:

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

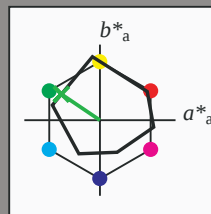
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

$u^*_d = y75l$
 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 $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:

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

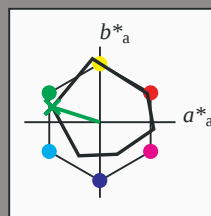
Hue texts:

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

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	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 $h^* = lab^*h^* = h_{ab}/360 = 0.556$

data for any colour:

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

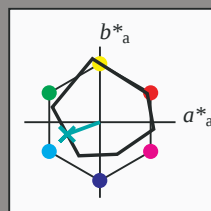
Hue texts:

$u^*_d = 150c$ $u^*_e = g34b$

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

$u^*_{rel} = 83$

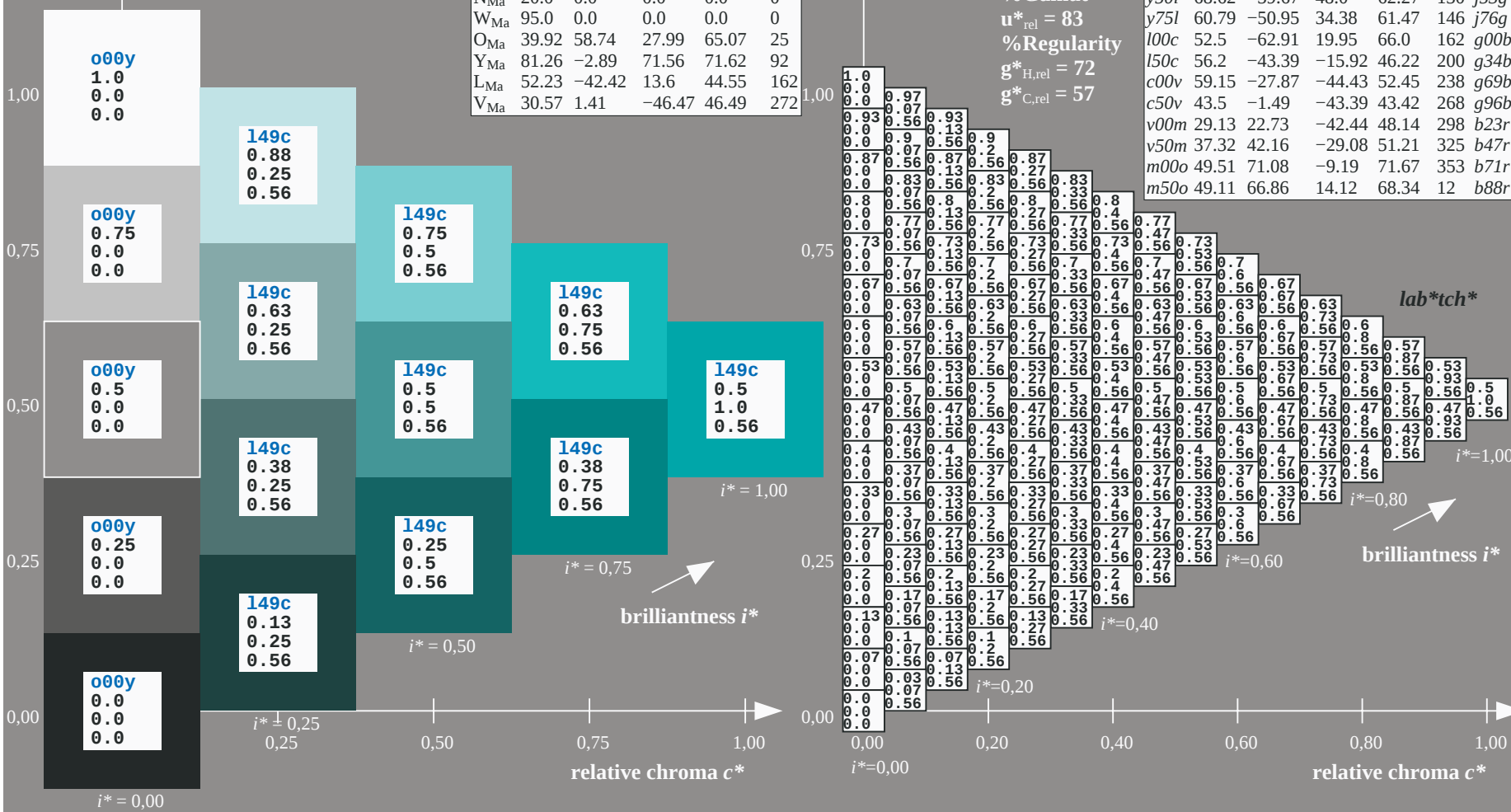
% Regularity

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

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

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

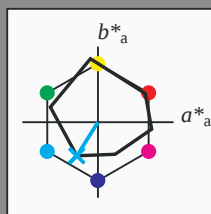
$u^*_d = 150c$
 lab^*tch^*



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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

$LAB^*LAB^*_{Ma}$: 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^*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 $h^* = lab^*h^* = h_{ab}/360 = 0.745$

data for any colour:

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

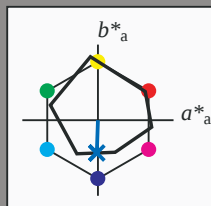
Hue texts:

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

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^*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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.904$

data for any colour:

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

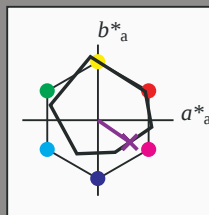
Hue texts:

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

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

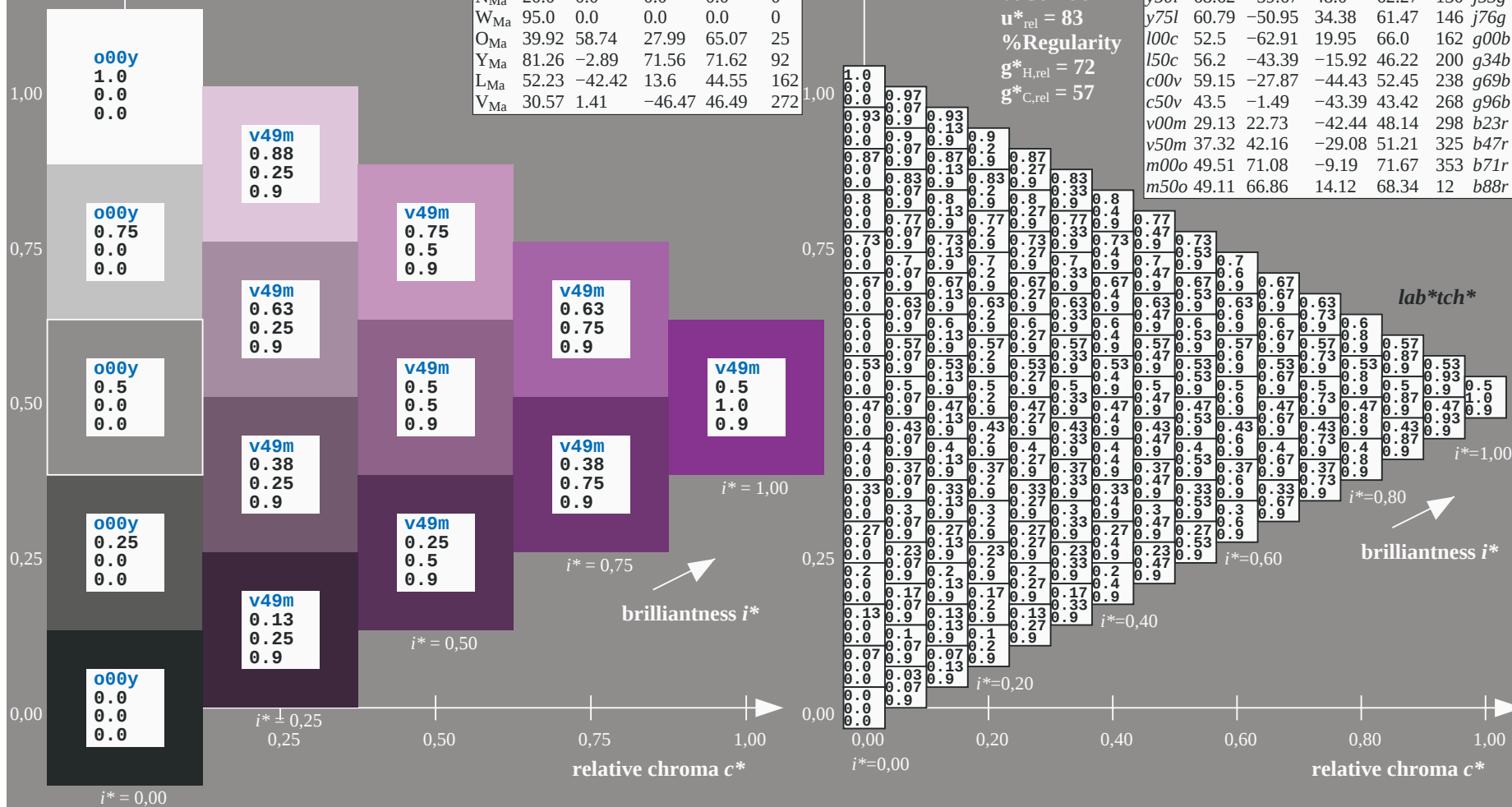
$g^*_{H,\text{rel}} = 72$

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

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^*tch^*



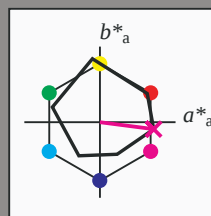
Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$ data for any colour: Data for maximum colour (Ma):

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

Hue texts:

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

contrast reduction factor:

 $c_D = 0.96$ 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*M₃: 50 72 352

*lab*oly**M₂: 1.0 0.0 1.0

$$lab*rah*Ma: 1.0 \ 0.0 \ 0.58$$
triangle lightness Δ^* triangle lightness t^*

0

%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>	

*lab*tch**

 $i^* = 1,00$ brilliantness i^*

brilliantness i*

relative chroma c^*

BAM-test chart Ee69; Colorimetric systems, Page 124/198
D65: colour scales and 9 data tables for 16 hues *o00y* to *m75o*

input: 000n / w / nnn0 / www set...
output: ->LAB*->cmyn6* setcmyk

BAM registration: 20081001-Ee69/10L/L69E00FP.PS/.PDF BAM material: code=rha4ta
+ application for evaluation and measurement of printer or monitor systems

See for similar files: <http://www.ps.bam.de/Ee69/>; www.ps.bam.de/Ee.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=1

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^*

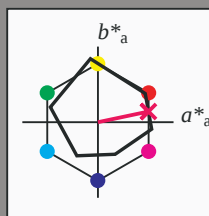
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

BAM registration: 20081001-Ee69/10L/L69E00FP.PS/.PDF BAM material: code=rhata
application for evaluation and measurement of printer or monitor systems

input: 000n / w / nnn0 / www set...
output: ->LAB*->cmyn6* setcmyk

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

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

device hue text:

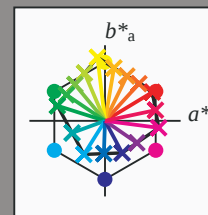
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

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

$u^*_{rel} = 83$

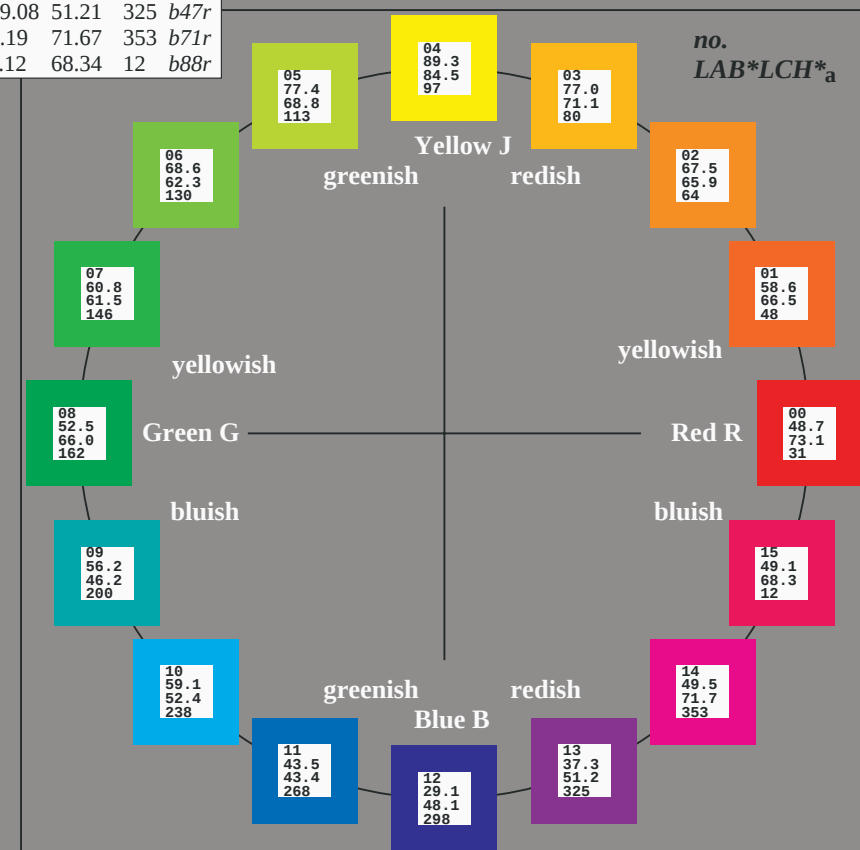
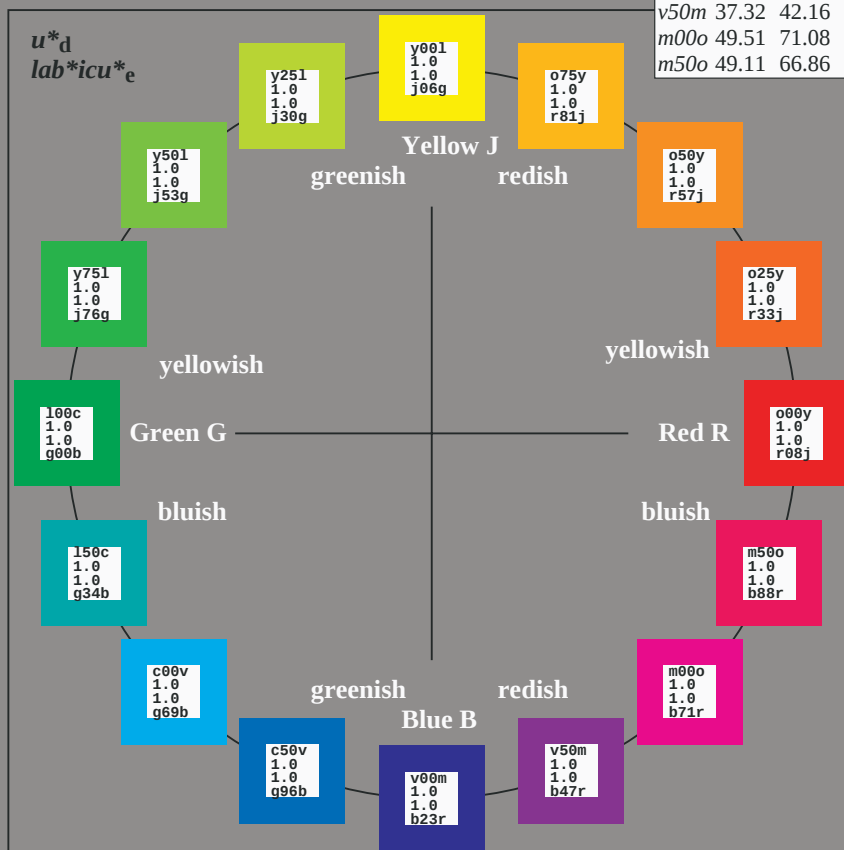
%Regularity

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

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

ORS20_95a; adapted (a) CIELAB data

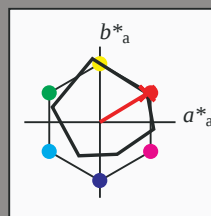
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.71	62.56	37.91	73.15	31
Y_{Ma}	89.25	-9.92	83.91	84.49	97
L_{Ma}	52.5	-62.91	19.95	66.0	162
C_{Ma}	59.15	-27.87	-44.43	52.45	238
V_{Ma}	29.13	22.73	-42.44	48.14	298
M_{Ma}	49.51	71.08	-9.19	71.67	353
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

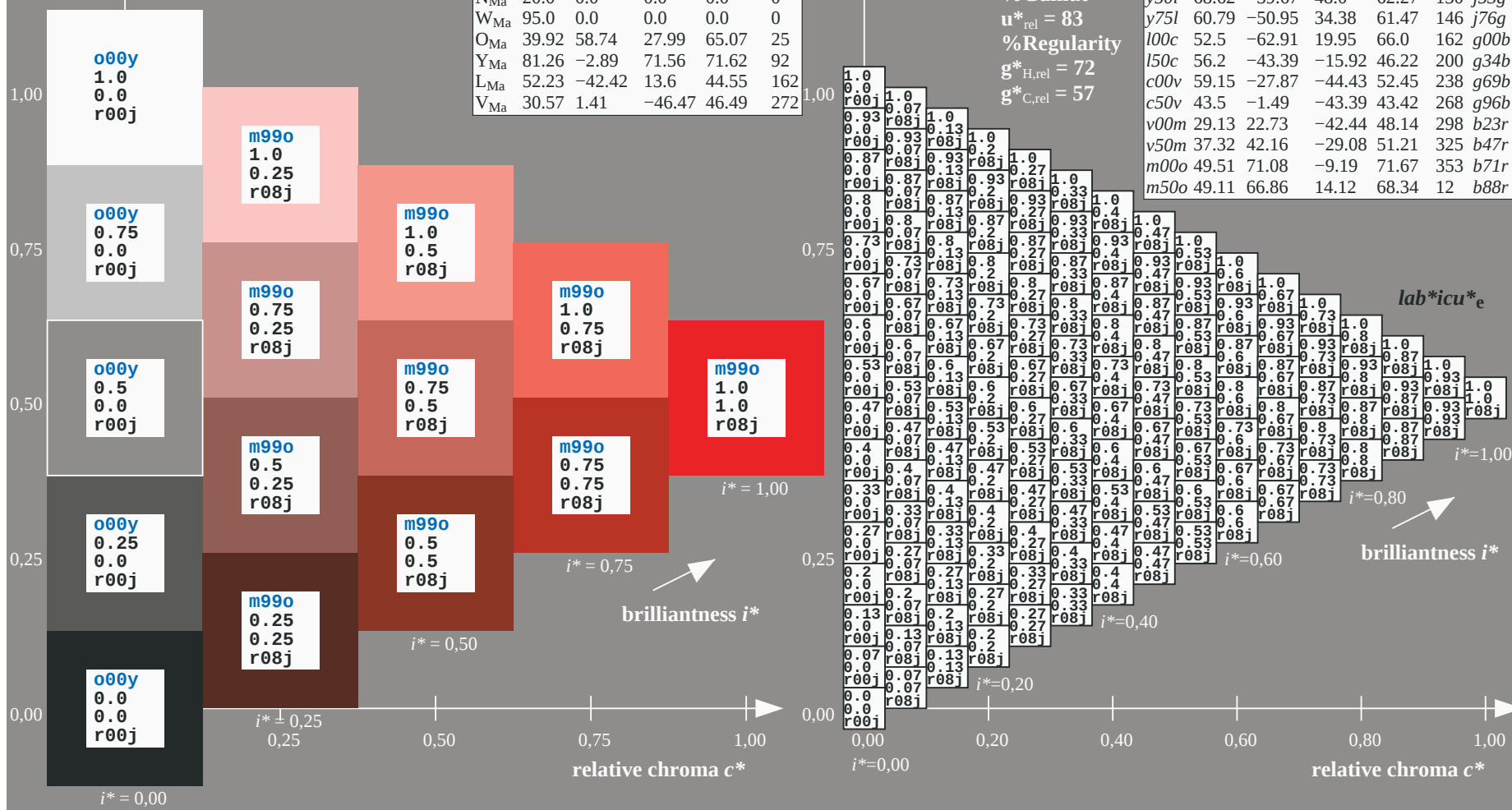
$u^*_{rel} = 83$

%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^*

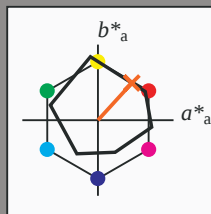
Hue texts:

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

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

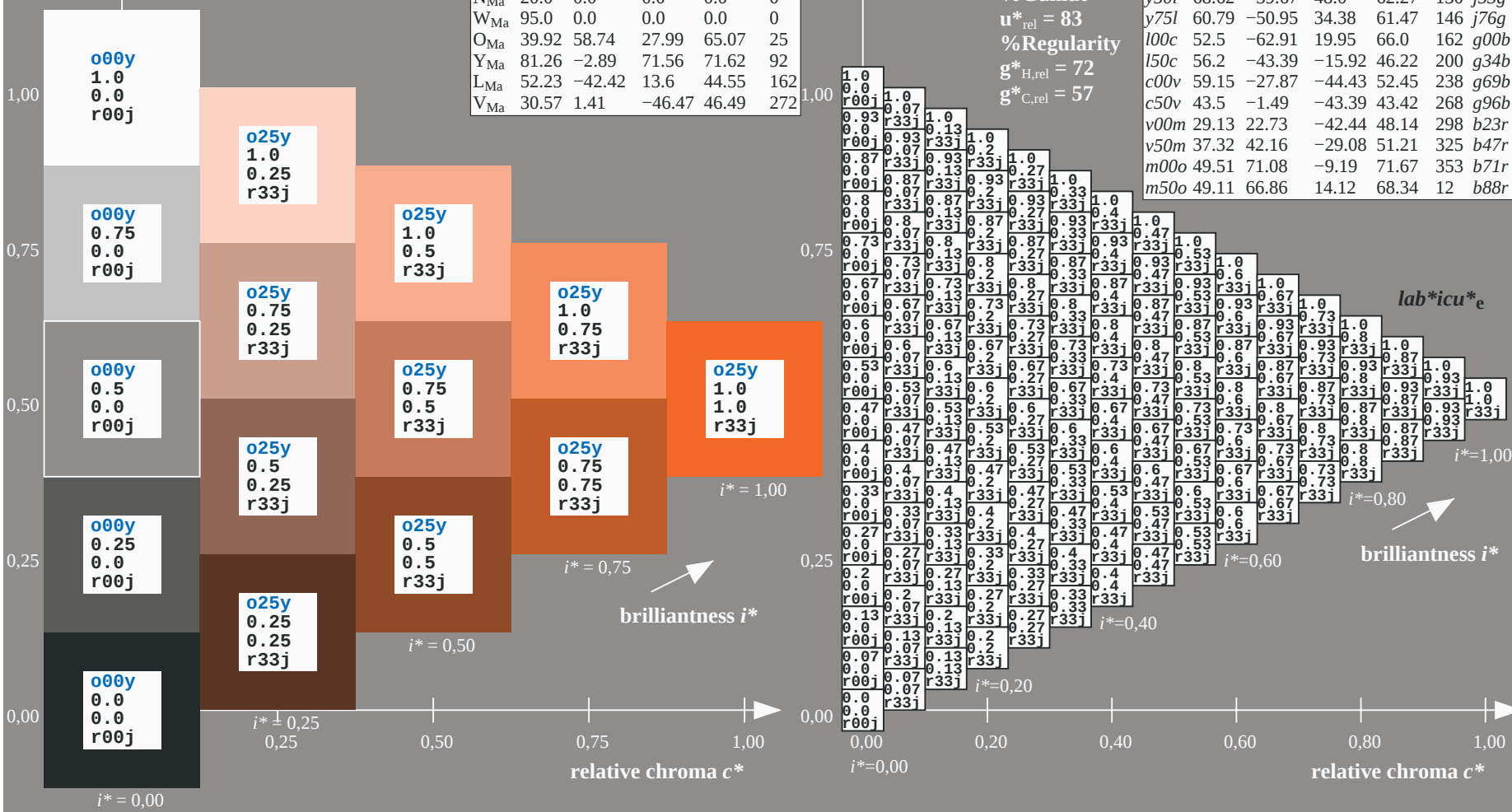
$g^*_{H,rel} = 72$

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

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

$u^*_d = o25y$
 $lab^*icu^*_e$



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^*

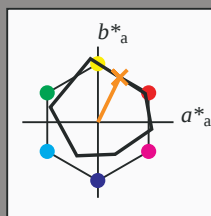
Hue texts:

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

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

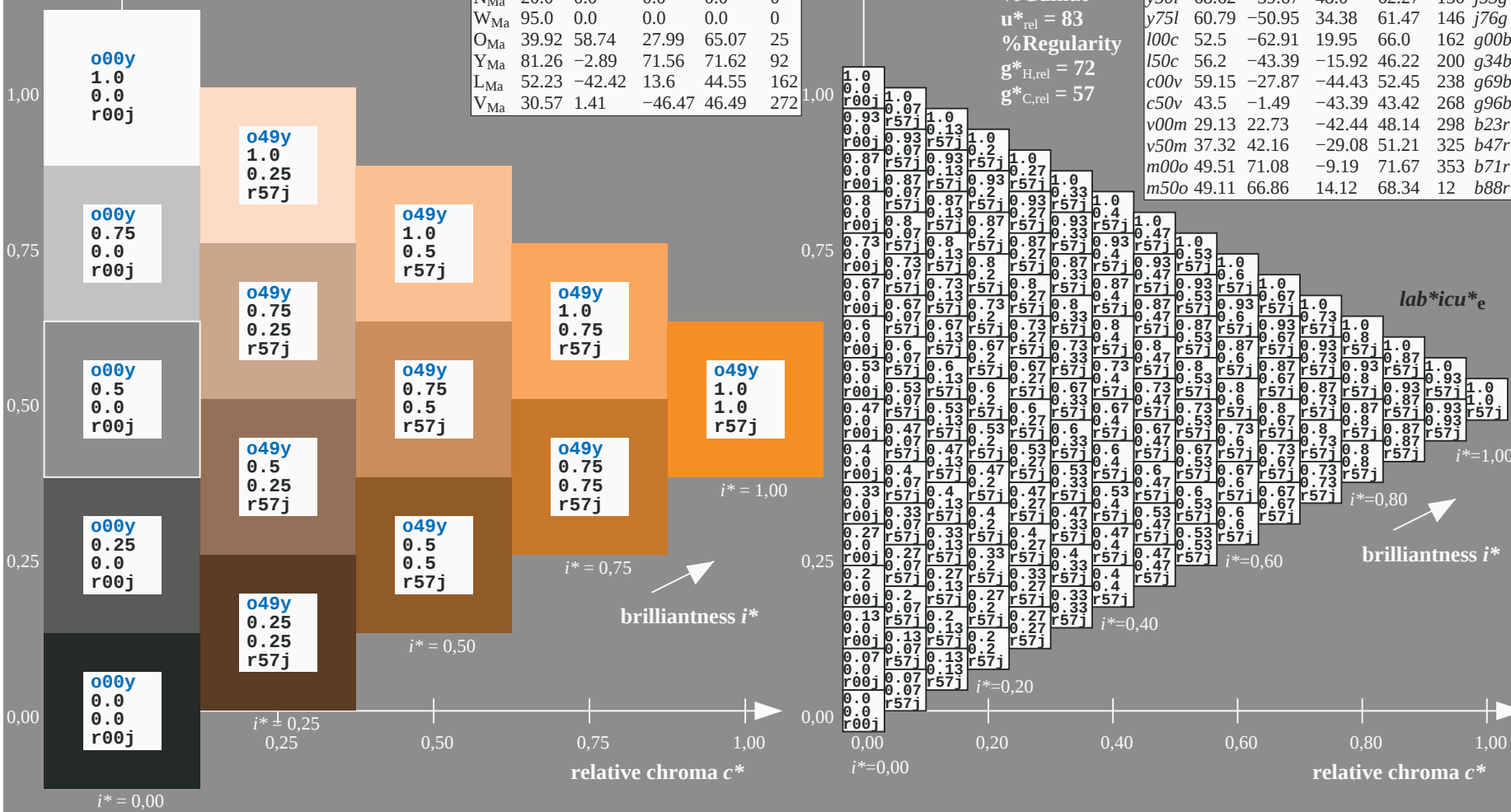
$u^*_{rel} = 83$

%Regularity

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

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

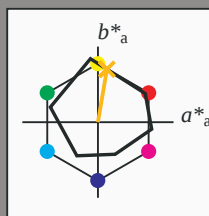
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.223$
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

$\text{lab}^*icu^*_e$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

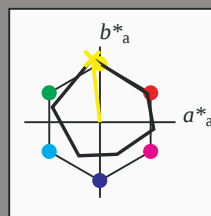
relative chroma c^*

relative chroma c^*

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

$\text{lab}^*icu^*_e$

$i^* = 1.00$

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 $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

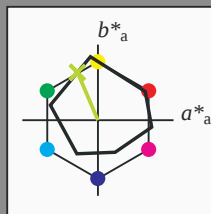
Hue texts:

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

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

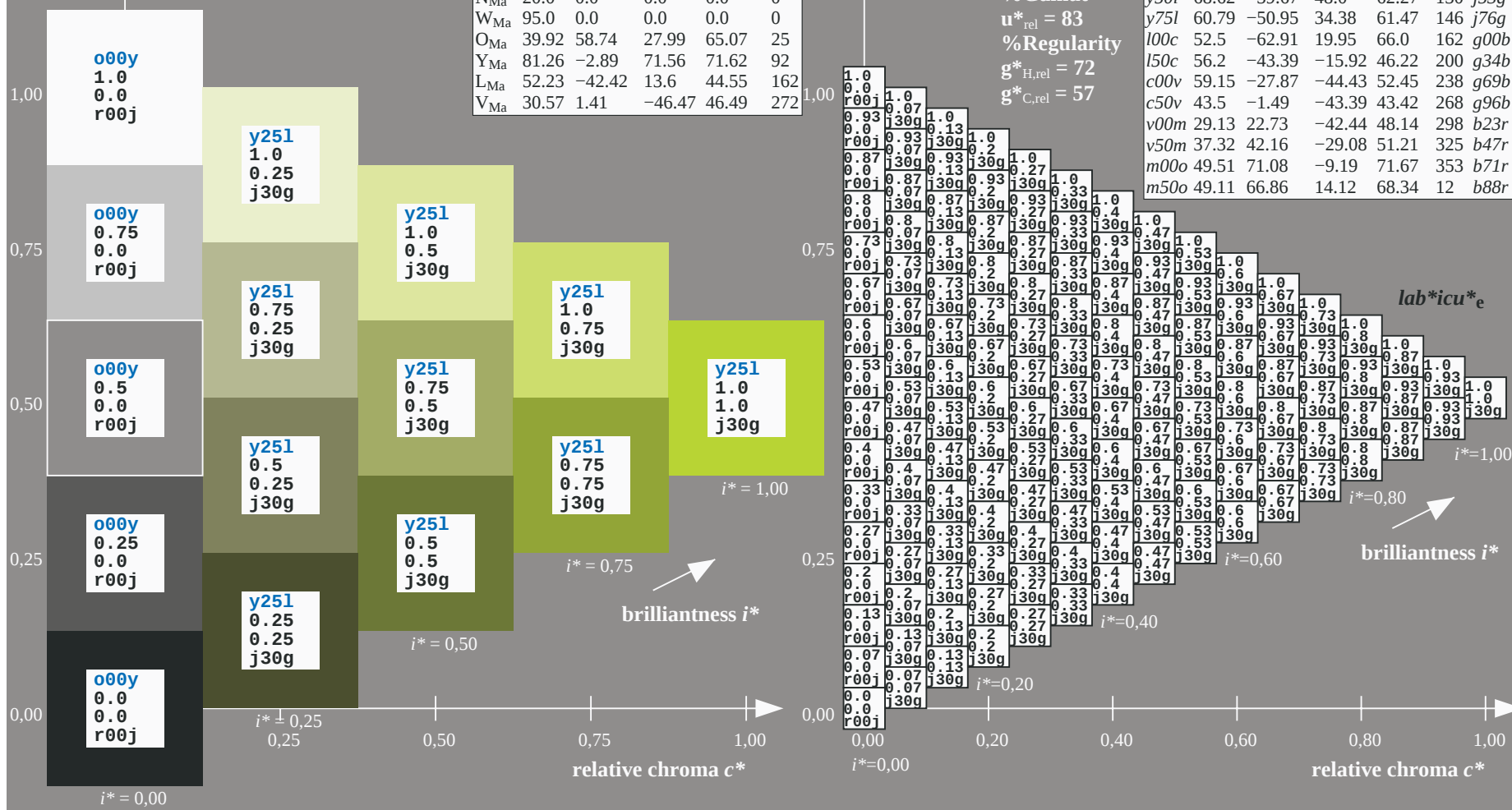
$g^*_{H,rel} = 72$

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

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

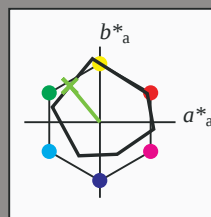
$u^*_d = y25l$
 $lab^*icu^*_e$



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	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
OMa	48.71	62.56	37.91	73.15	31	r08j
YMa	89.25	-9.92	83.91	84.49	97	r33j
LMa	52.5	-62.91	19.95	66.0	162	r57j
CMa	59.15	-27.87	-44.43	52.45	238	r81j
VMa	29.13	22.73	-42.44	48.14	298	j06g
NMa	49.51	71.08	-9.19	71.67	353	j30g
WMa	20.0	0.0	0.0	0.0	0	j53g
OMa	95.0	0.0	0.0	0.0	0	j76g
YMa	39.92	58.74	27.99	65.07	25	g00b
YMa	81.26	-2.89	71.56	71.62	92	g34b
LMa	52.23	-42.42	13.6	44.55	162	g69b
VMa	30.57	1.41	-46.47	46.49	272	g96b

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

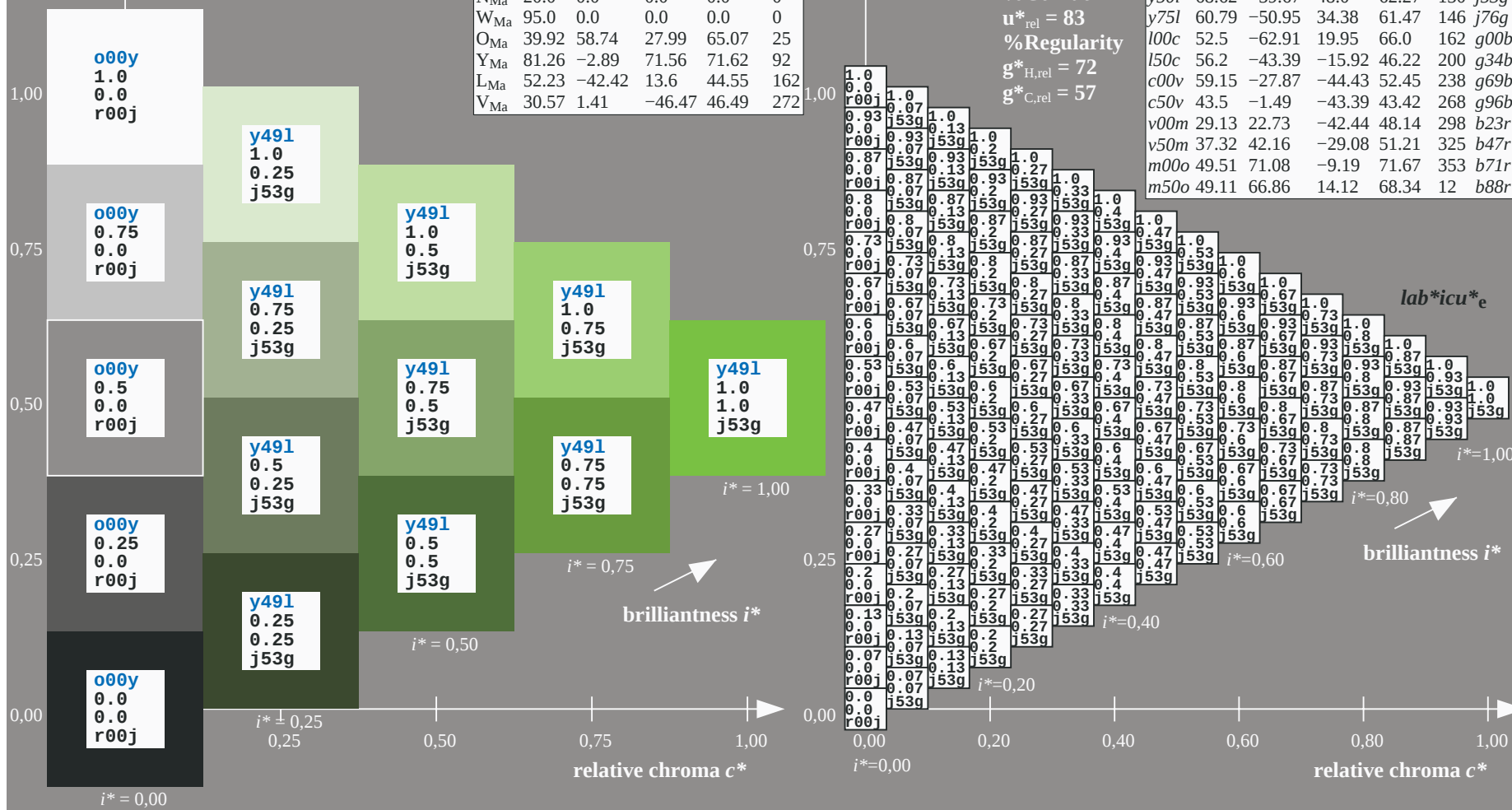
$u^*_{rel} = 83$

% Regularity

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

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

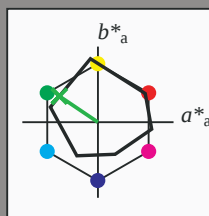
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.406$
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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 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

$\text{lab}^*icu^*_e$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

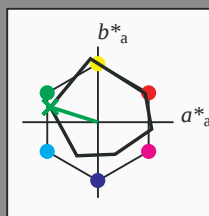
relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

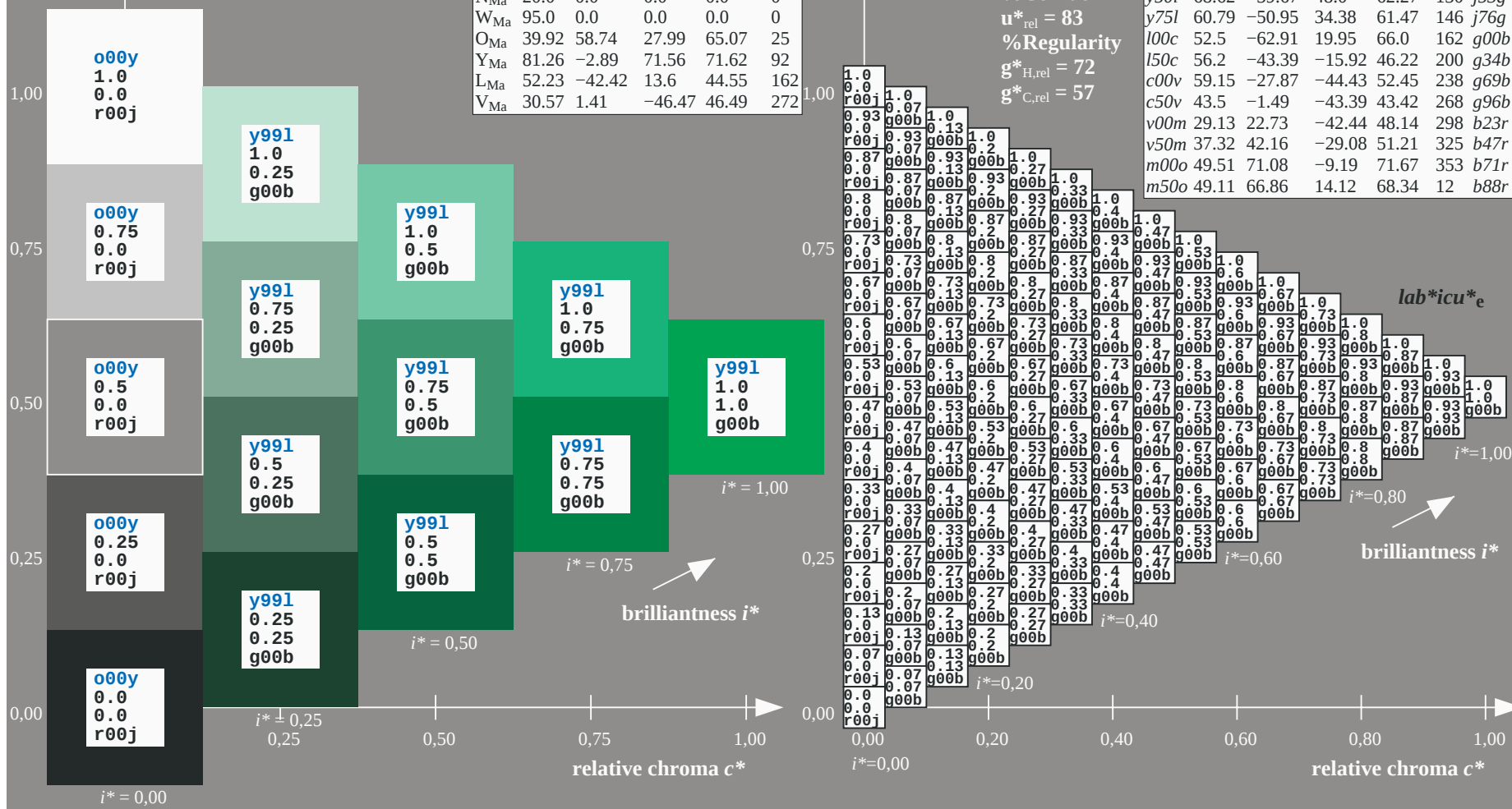
$u^*_{rel} = 83$

% Regularity

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

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

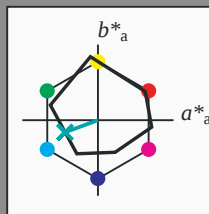
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

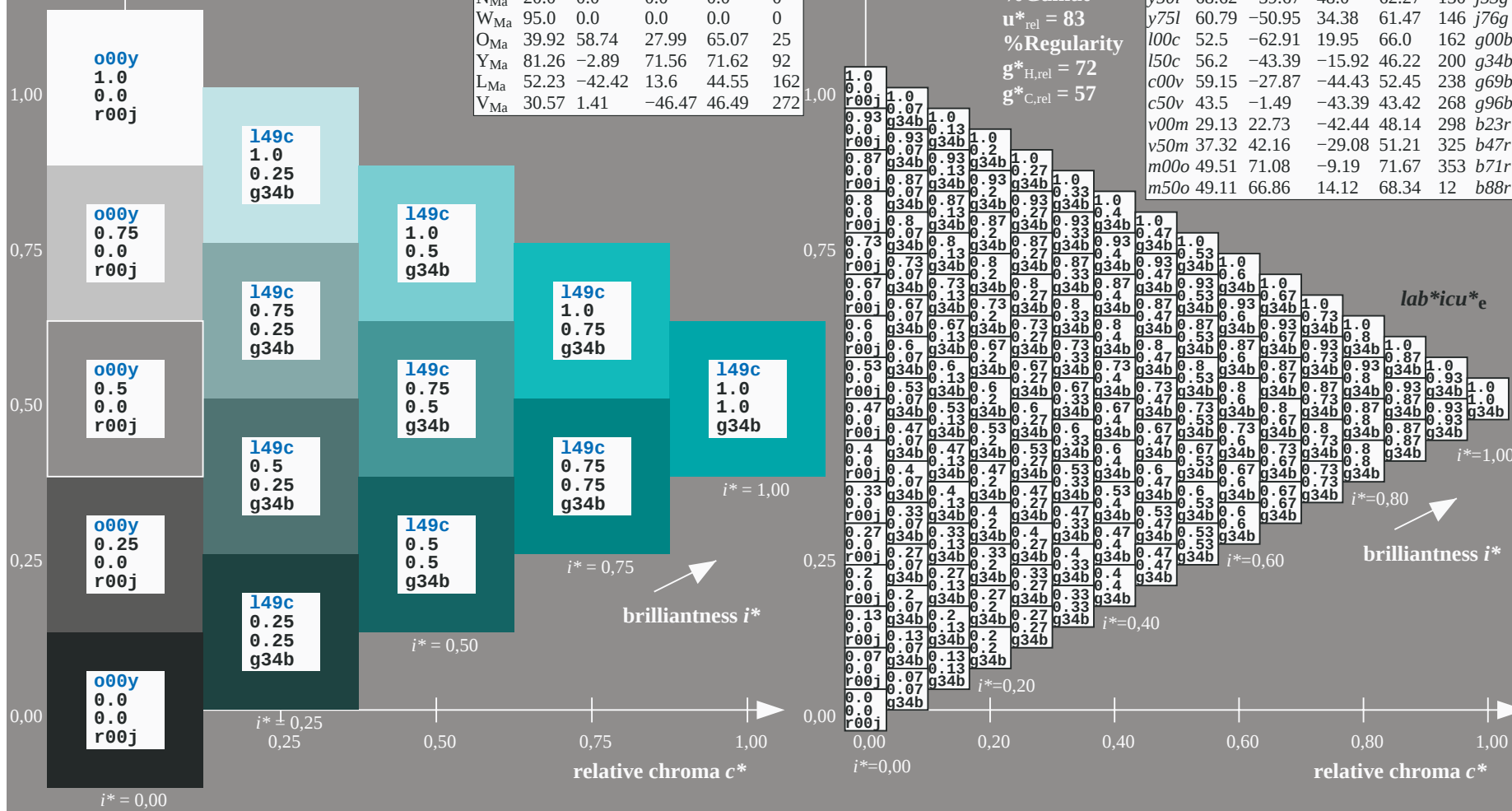
$u^*_{rel} = 83$

% Regularity

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

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

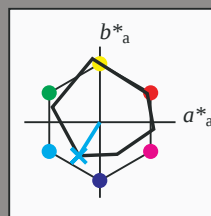
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.71	62.56	37.91	73.15	31	r08j
o25y	58.6	44.87	49.14	66.54	48	r33j
o50y	67.52	28.93	59.25	65.94	64	r57j
o75y	77.05	11.9	70.06	71.06	80	r81j
y00l	89.25	-9.92	83.91	84.49	97	j06g
y25l	77.37	-27.05	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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

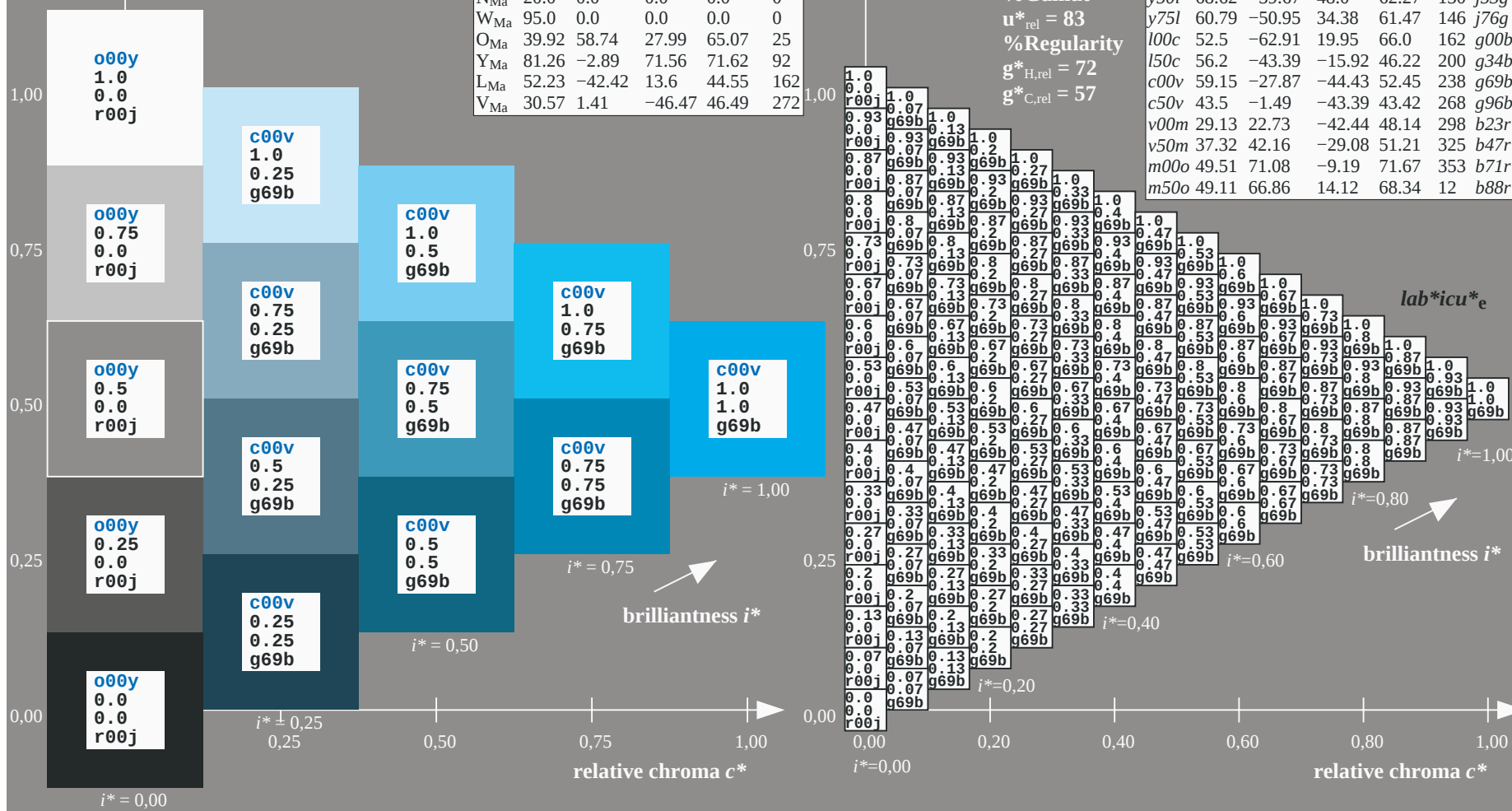
$u^*_{rel} = 83$

% 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^*

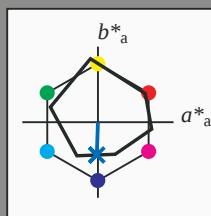
Hue texts:

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

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	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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

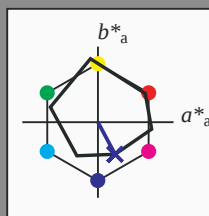
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

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

$lab^*icu^*_e$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

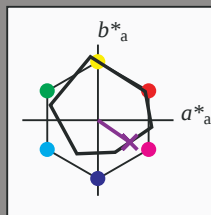
relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$
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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

$lab^*icu^*_e$

$i^* = 1.00$

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 $h^* = lab^*h^* = h_{ab}/360 = 0.98$

data for any colour:

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

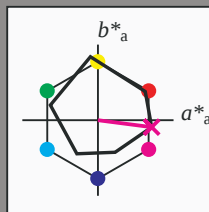
Hue texts:

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

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):

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

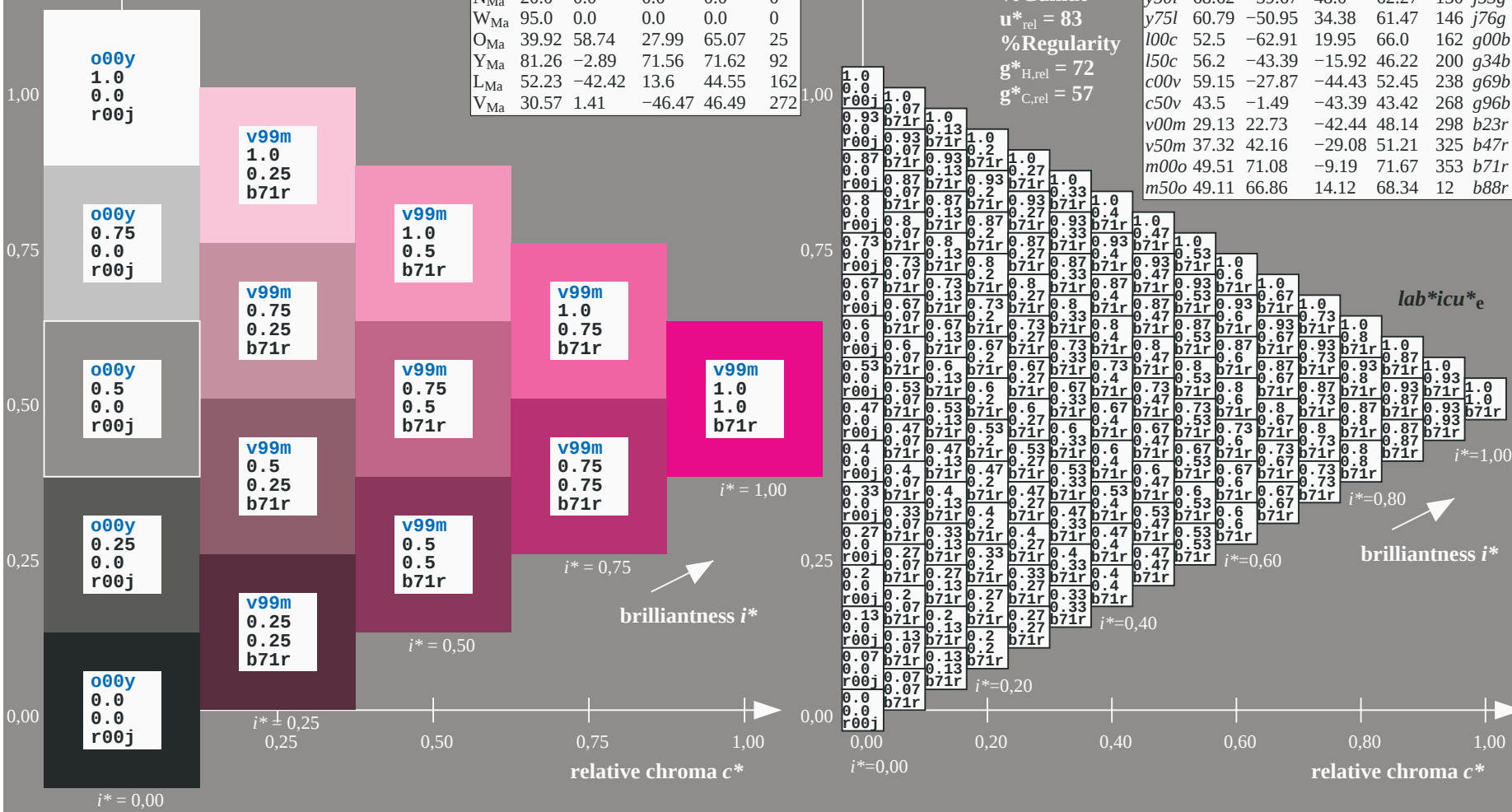
$u^*_{rel} = 83$

% Regularity

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

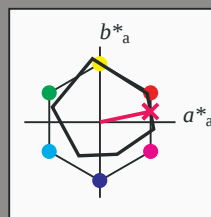
$g^*_{C,rel} = 57$

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	$C^*_{ab,a}$	$h^*_{ab,a}$	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):

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

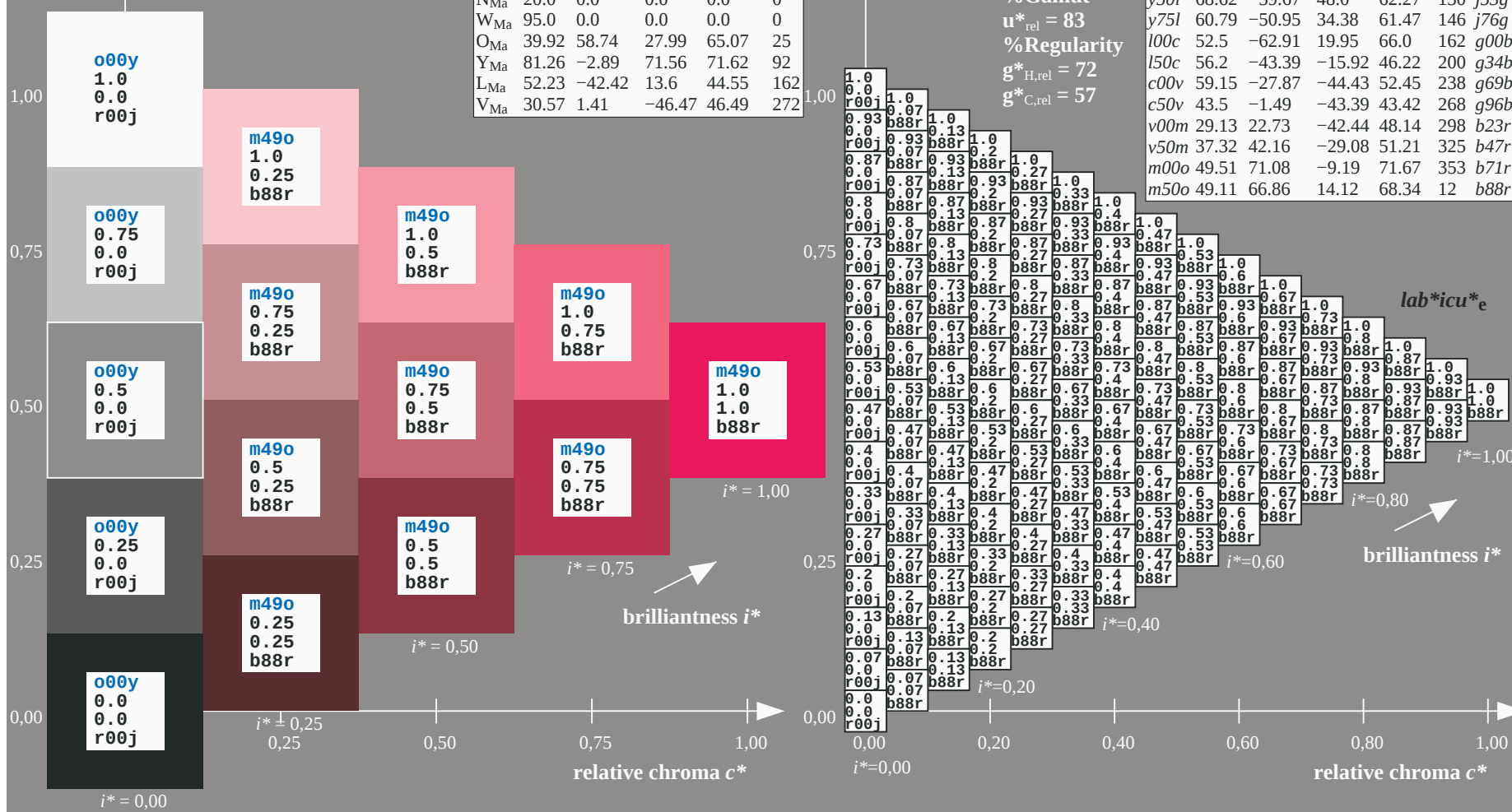
$u^*_{rel} = 83$

%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/Ee69/>; www.ps.bam.de
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=1

	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					
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
0.0	0.13	0.25	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.13	0.13	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.13	0.13	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.25	0.25	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	0.25	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	
0.25	0.25	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	0.25	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	
0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	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	
0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	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	
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	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	
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	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	
0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	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	0.75	0.88	1.0	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			
0.75	0.75	0.75	0.75	0.75	0.75	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	0.75	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	0.88	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	0.75	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			
0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	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	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	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			
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	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			
0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	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			
0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	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			
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	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		
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	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		
0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	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	0.75	0.88	1.0	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			
0.75	0.75	0.75	0.75	0.75	0.75	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	0.75	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	0.88	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	0.75	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			
0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	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	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	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			
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	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			
0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	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			
0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	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			
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	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</									

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

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

device hue text:

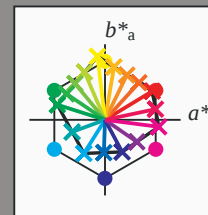
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

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
<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>



%Gamut

$u^*_{rel} = 83$

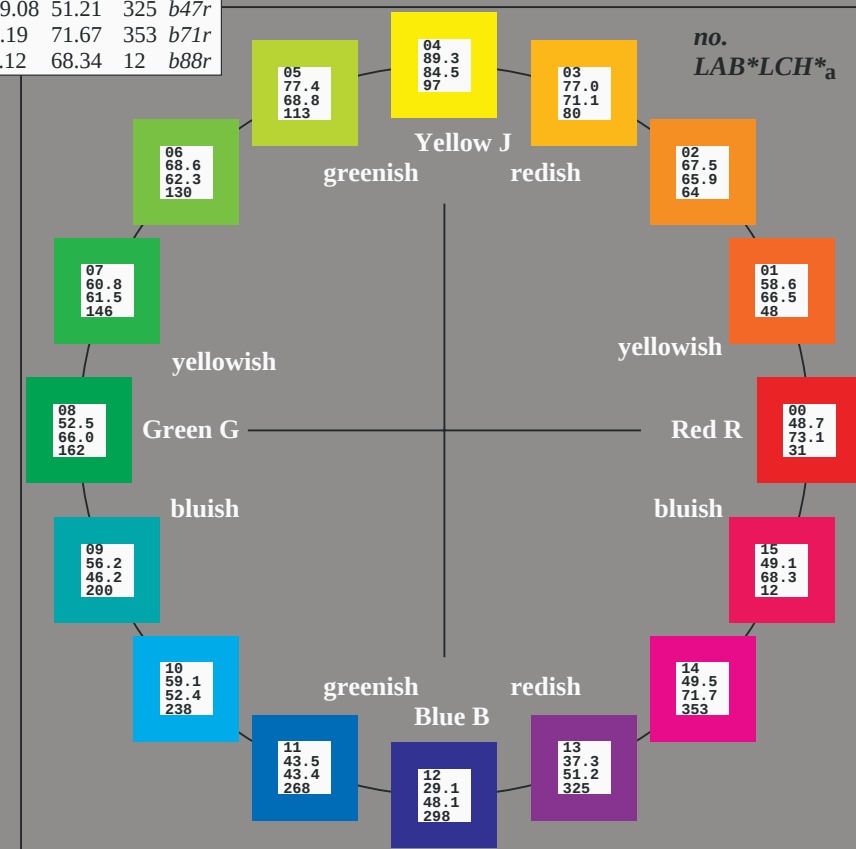
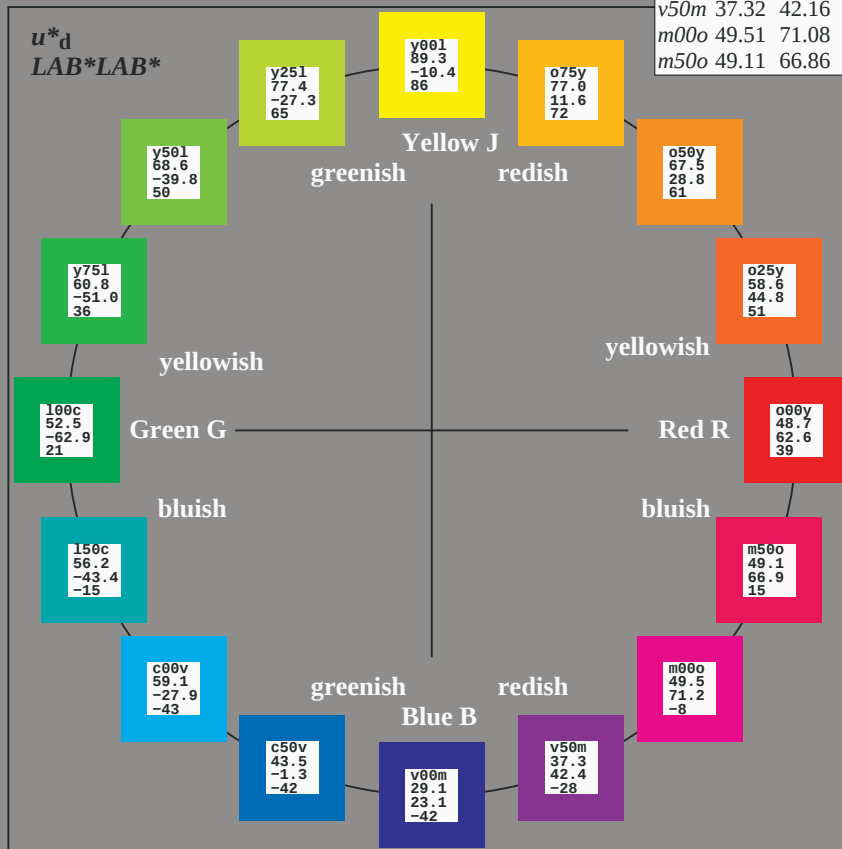
%Regularity

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

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

ORS20_95; CIELAB data

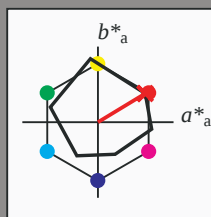
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
<i>O_M</i>	48.71	62.65	39.19	73.89	32
<i>Y_M</i>	89.25	-10.36	85.91	86.53	97
<i>L_M</i>	52.5	-62.88	21.3	66.38	161
<i>C_M</i>	59.15	-27.92	-42.97	51.24	237
<i>V_M</i>	29.13	23.07	-41.51	47.5	299
<i>M_M</i>	49.51	71.15	-7.9	71.59	354
<i>N_M</i>	20.0	0.47	0.76	0.89	58
<i>W_M</i>	95.0	-0.52	2.11	2.17	104
<i>O_CIE</i>	39.92	58.74	27.99	65.07	25
<i>Y_CIE</i>	81.26	-2.89	71.56	71.62	92
<i>L_CIE</i>	52.23	-42.42	13.6	44.55	162
<i>V_CIE</i>	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	
<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>	

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

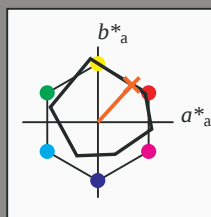
$i^*=0.00$

relative chroma c^*

relative chroma c^*

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



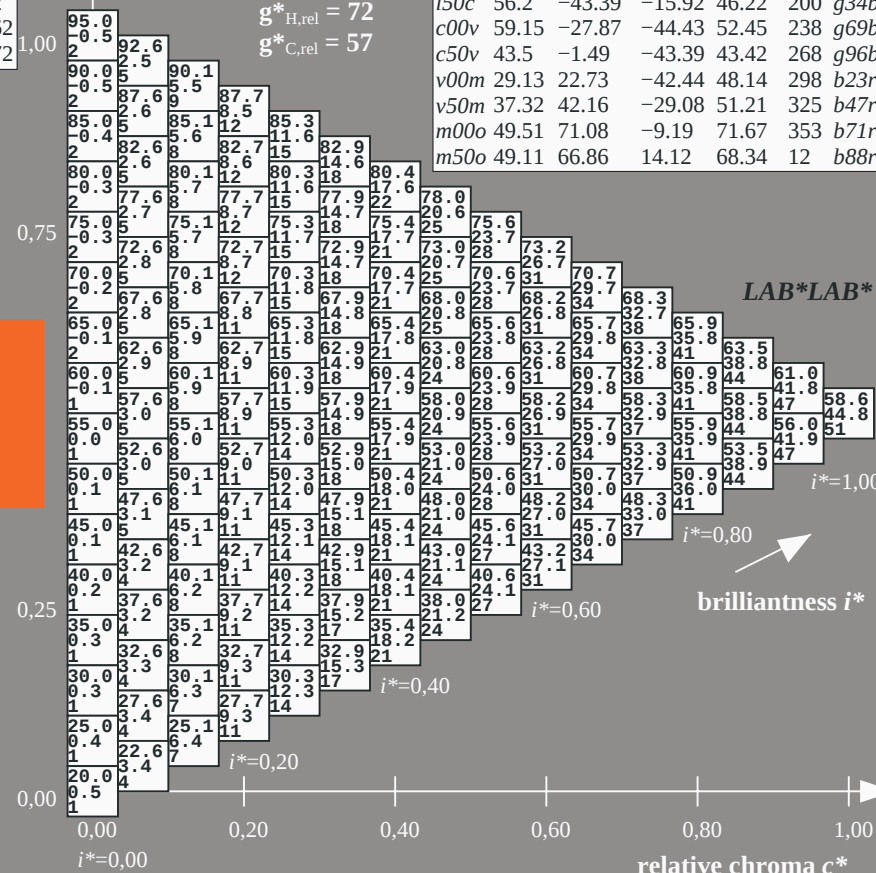
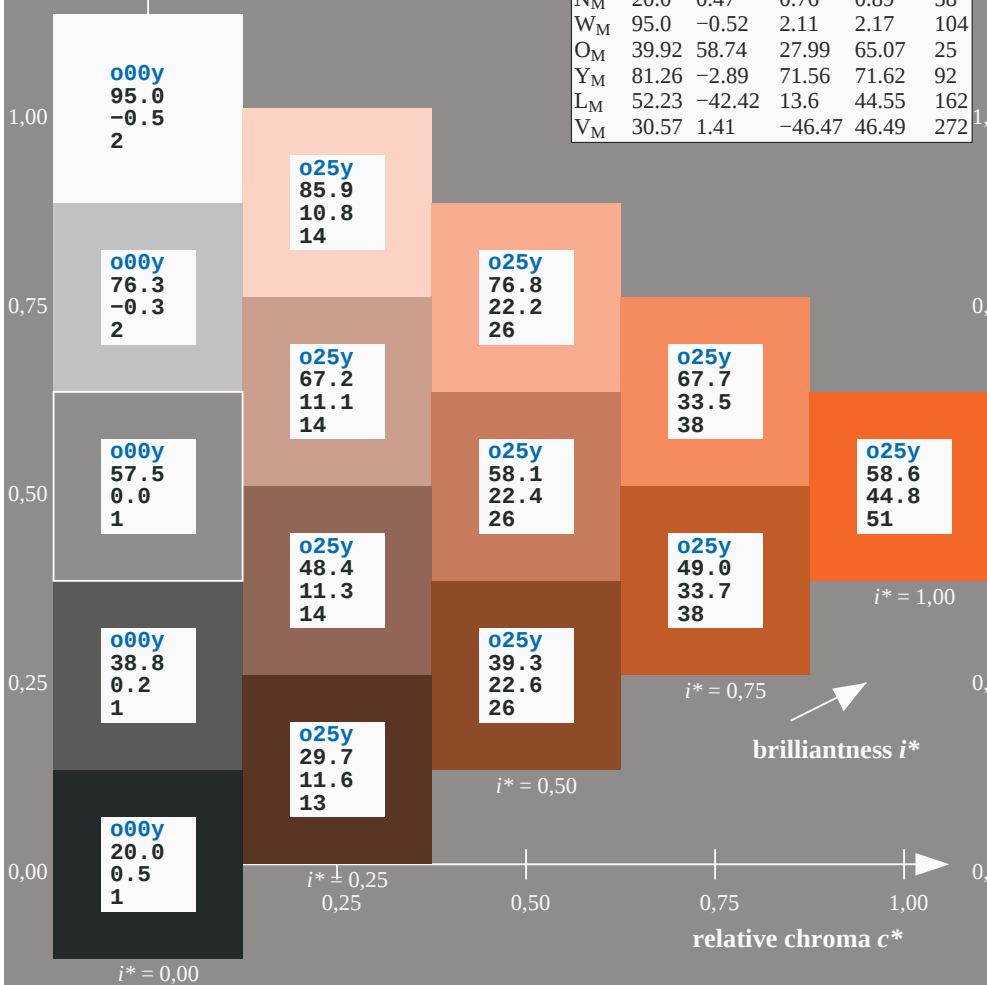
ORS20_95; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.71	62.65	39.19	73.89	32	
Y_M	89.25	-10.36	85.91	86.53	97	
L_M	52.5	-62.88	21.3	66.38	161	
C_M	59.15	-27.92	-42.97	51.24	237	
V_M	29.13	23.07	-41.51	47.5	299	
M_M	49.51	71.15	-7.9	71.59	354	
N_M	20.0	0.47	0.76	0.89	58	
W_M	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):

$LAB^*LAB^*_Ma$: 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^*

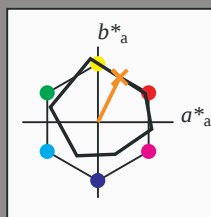
%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

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^*



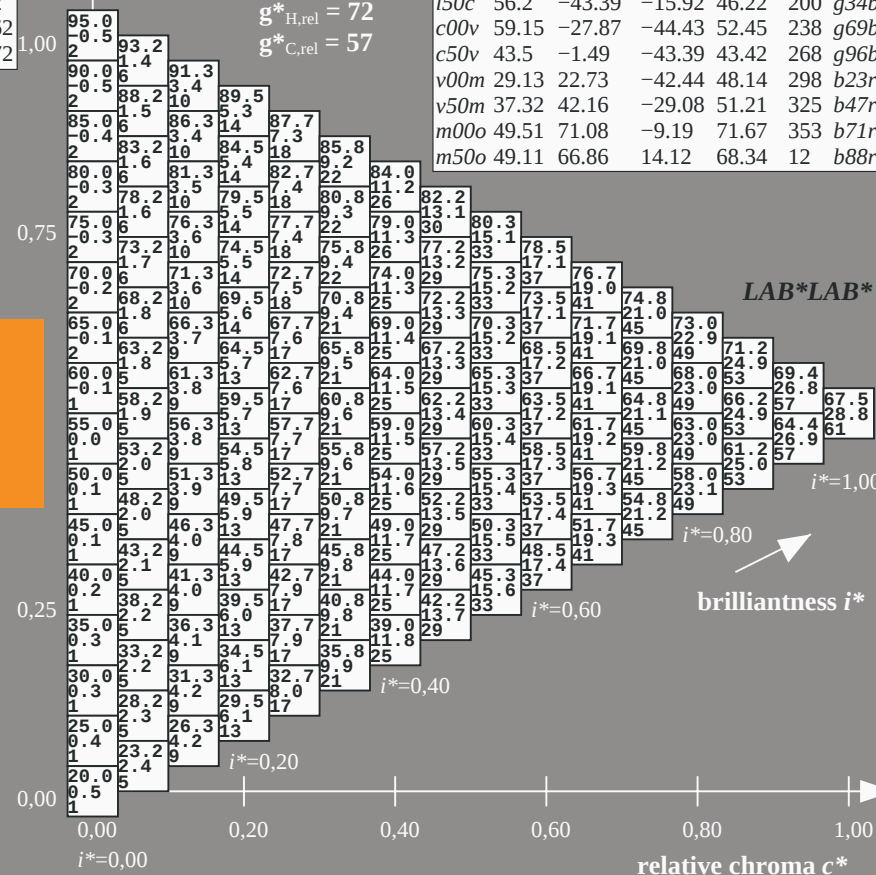
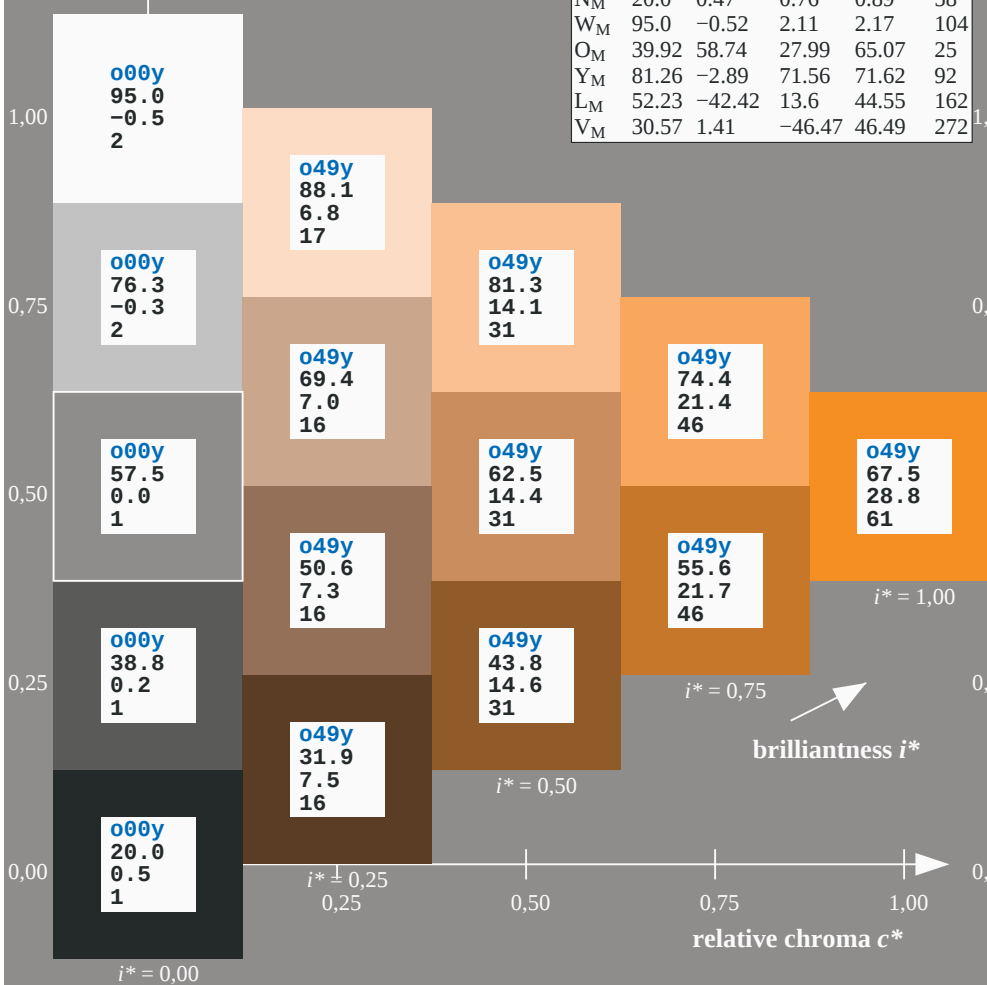
ORS20_95; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	48.71	62.65	39.19	73.89	32	
Y _M	89.25	-10.36	85.91	86.53	97	
L _M	52.5	-62.88	21.3	66.38	161	
C _M	59.15	-27.92	-42.97	51.24	237	
V _M	29.13	23.07	-41.51	47.5	299	
M _M	49.51	71.15	-7.9	71.59	354	
N _M	20.0	0.47	0.76	0.89	58	
W _M	95.0	-0.52	2.11	2.17	104	
O	39.92	58.74	27.99	65.07	25	
Y	81.26	-2.89	71.56	71.62	92	
L	52.23	-42.42	13.6	44.55	162	
V	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	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^*

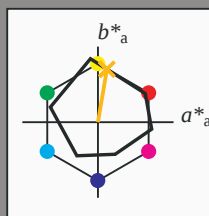
Hue texts:

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

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_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

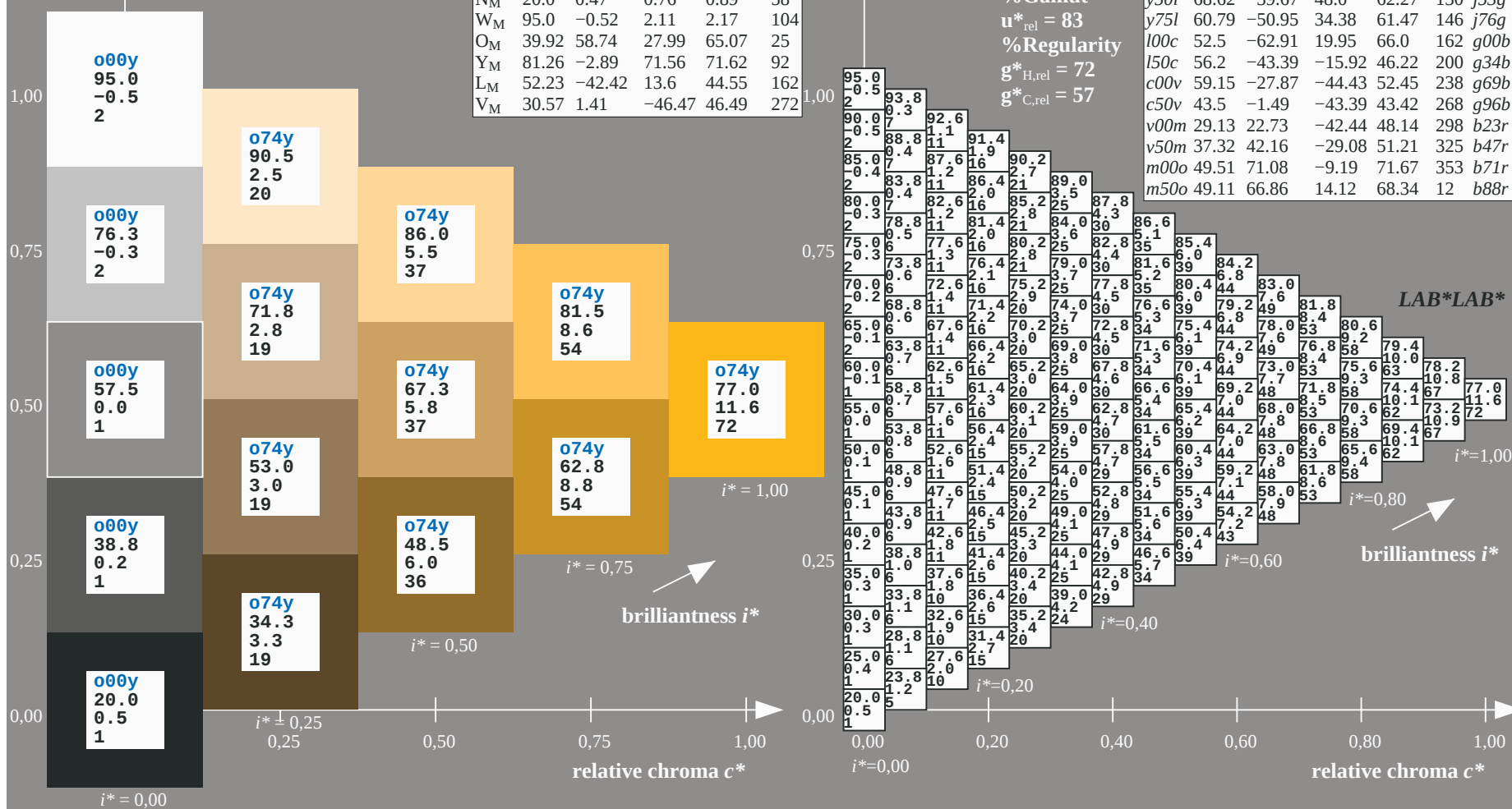
$u^*_{rel} = 83$

%Regularity

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

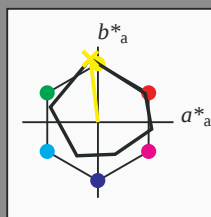
$g^*_{C,rel} = 57$

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	$b88r$	



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	$L^*=L^*_a$	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	$L^*=L^*_a$	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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$

data for any colour:

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

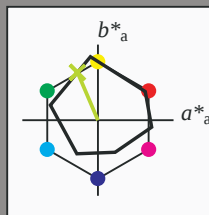
Hue texts:

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

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95; CIELAB data

u^*_d	$L^*=L^*_a$	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

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

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

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^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

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^*

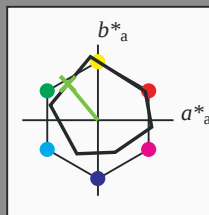
Hue texts:

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

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^*	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^*

$i^*=1.00$

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^*

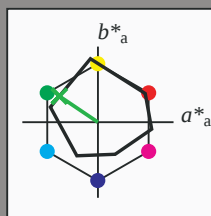
Hue texts:

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

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 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

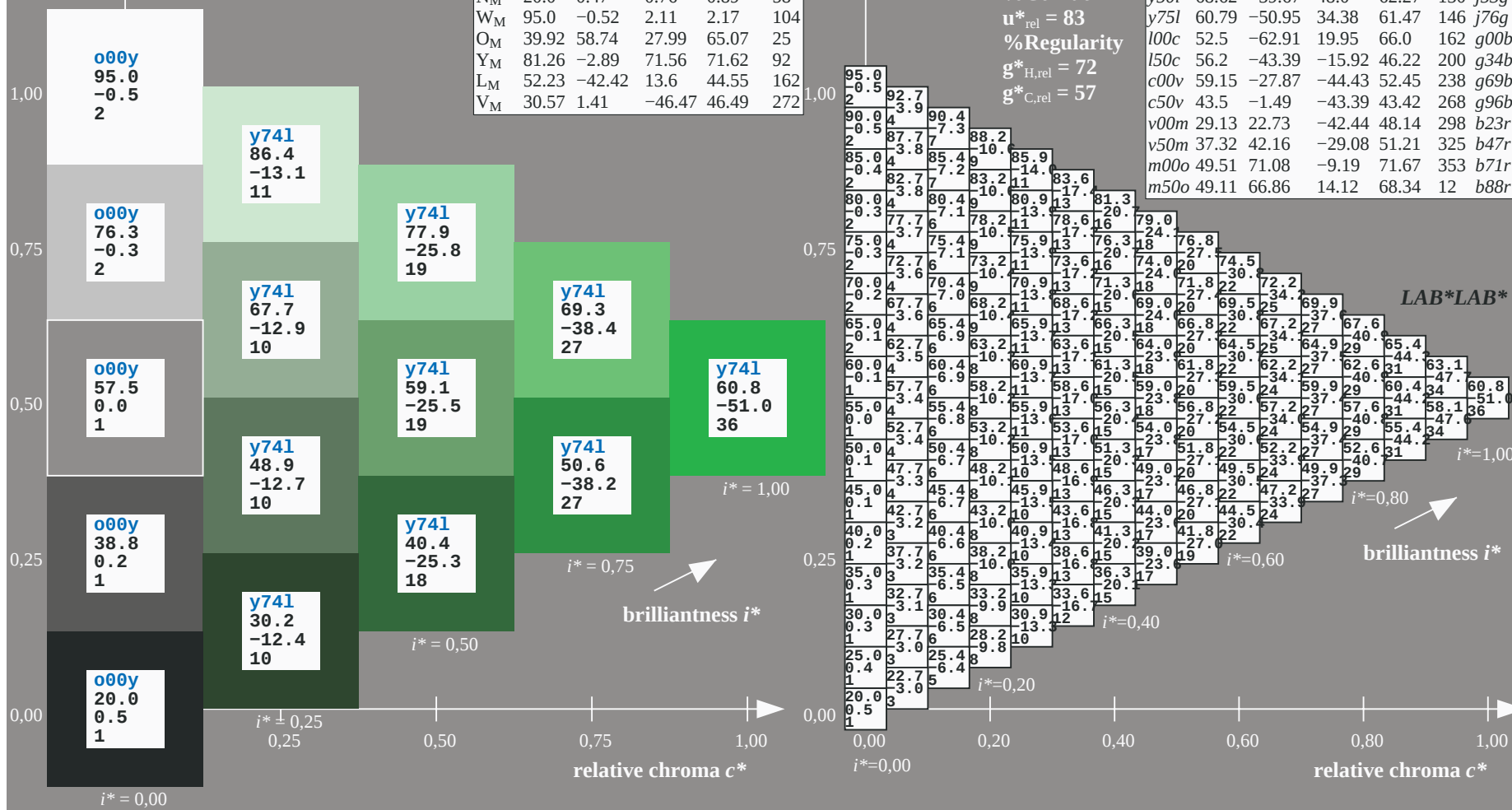
$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	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	$b88r$

$u^*_d = y75l$
 LAB^*LAB^*



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^*

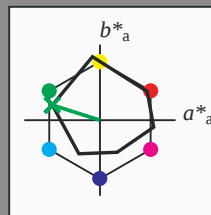
Hue texts:

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

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):

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

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

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

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

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^*	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^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

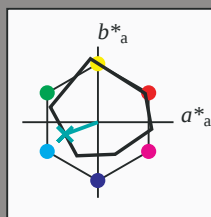
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.556$
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	$b88r$			

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

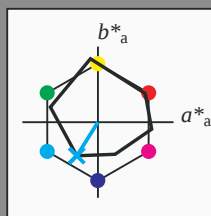
relative chroma c^*

relative chroma c^*

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

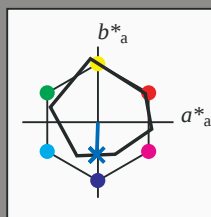
LAB^*LAB^*

brilliantness i^*

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_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):

$LAB^*LAB^*_Ma: 43 -1 -43$

$LAB^*LCH^*_Ma: 43 43 268$

$lab^*olv^*_Ma: 0.0 0.5 1.0$

$lab^*rgb^*_Ma: 0.0 0.07 1.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

%Regularity

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

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

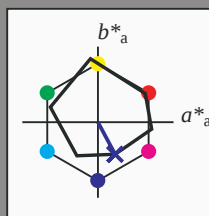
ORS20_95a; adapted (a) CIELAB data									
	u^*_d	$L^*=L^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
$o00y$	48.71	62.56	37.91	73.15	31		$r08j$		
$o25y$	58.6	44.87	49.14	66.54	48		$r33j$		
$o50y$	67.52	28.93	59.25	65.94	64		$r57j$		
$o75y$	77.05	11.9	70.06	71.06	80		$r81j$		
$y00l$	89.25	-9.92	83.91	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	$L^*=L^*_a$	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^*LAB^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

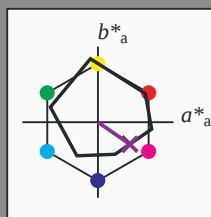
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

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

$LAB^*LAB^*_Ma: 37\ 42\ -29$

$LAB^*LCH^*_Ma: 37\ 51\ 325$

$lab^*olv^*_Ma: 0.5\ 0.0\ 1.0$

$lab^*rgb^*_Ma: 0.94\ 0.0\ 1.0$

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^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

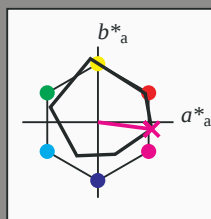
$i^*=0.20$

relative chroma c^*

relative chroma c^*

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

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

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

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

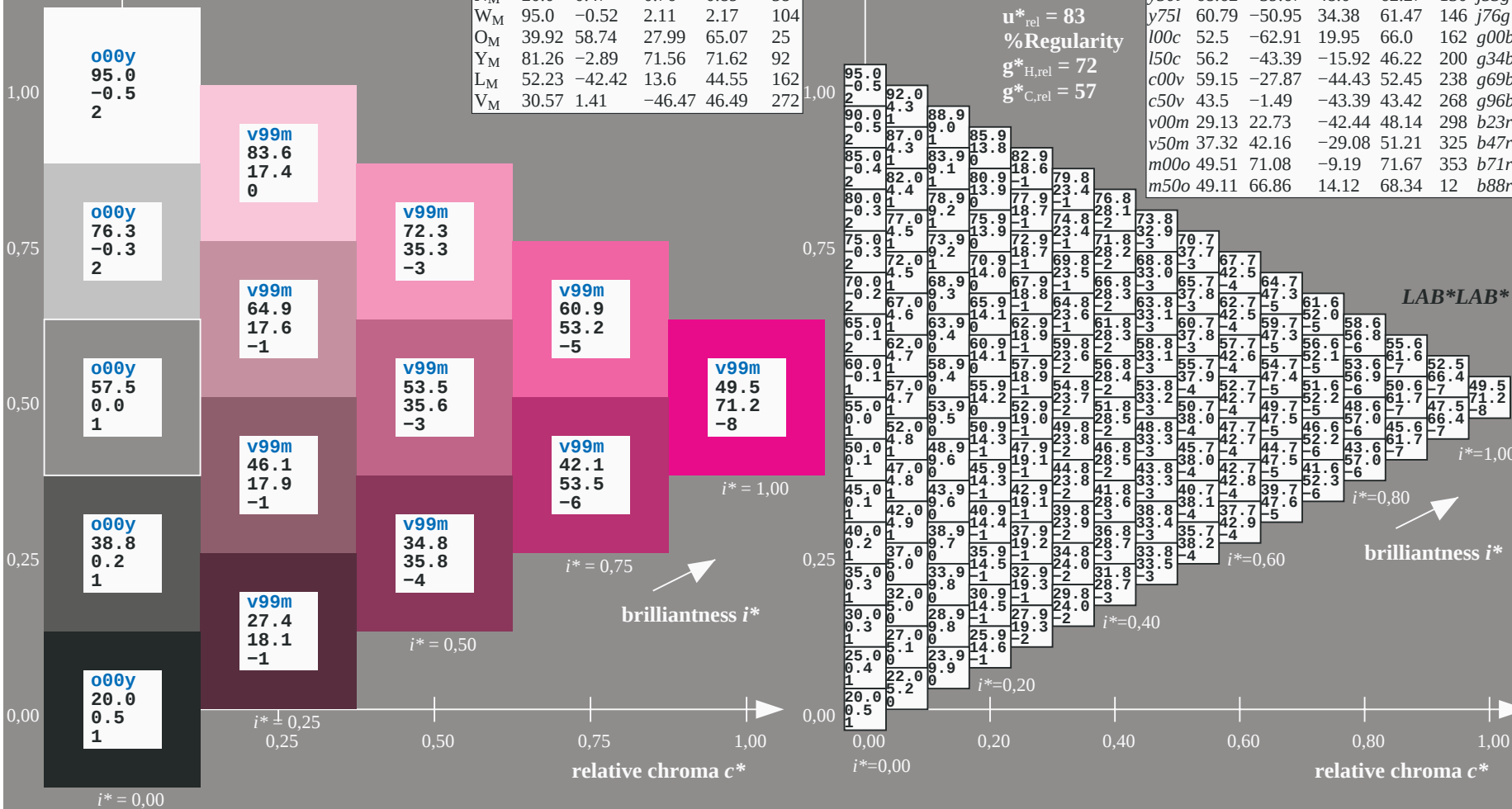
%Regularity

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

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

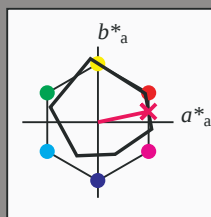
ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	48.71	62.56	37.91	73.15	31	$r08j$	
$o25y$	58.6	44.87	49.14	66.54	48	$r33j$	
$o50y$	67.52	28.93	59.25	65.94	64	$r57j$	
$o75y$	77.05	11.9	70.06	71.06	80	$r81j$	
$y00l$	89.25	-9.92	83.91	84.49	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^*LAB^*



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	$L^*=L^*_a$	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	$b88r$		

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^*

See for similar files: <http://www.ps.bam.de/Ee69/>; www.ps.bam.de/Ee69/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=1

	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	18.1	32.2	36.2	40.3	44.4	48.4	52.5	56.6	60.7	64.8	68.9	72.9	77.0	81.1	85.2	89.3	93.4	97.5	101.6	105.7	109.8	113.9	118.0	122.1	126.2	130.3	134.4	138.5	142.6	146.7	150.8	154.9	159.0	163.1	167.2	171.3	175.4	179.5	183.6	187.7	191.8	195.9	200.0	204.1	208.2	212.3	216.4	220.5	224.6	228.7	232.8	236.9	241.0	245.1	249.2	253.3	257.4	261.5	265.6	269.7	273.8	277.9	282.0	286.1	290.2	294.3	298.4	302.5	306.6	310.7	314.8	318.9	323.0	327.1	331.2	335.3	339.4	343.5	347.6	351.7	355.8	359.9	364.0	368.1	372.2	376.3	380.4	384.5	388.6	392.7	396.8	400.9	405.0	409.1	413.2	417.3	421.4	425.5	429.6	433.7	437.8	441.9	446.0	450.1	454.2	458.3	462.4	466.5	470.6	474.7	478.8	482.9	487.0	491.1	495.2	499.3	503.4	507.5	511.6	515.7	519.8	523.9	528.0	532.1	536.2	540.3	544.4	548.5	552.6	556.7	560.8	564.9	569.0	573.1	577.2	581.3	585.4	589.5	593.6	597.7	601.8	605.9	610.0	614.1	618.2	622.3	626.4	630.5	634.6	638.7	642.8	646.9	651.0	655.1	659.2	663.3	667.4	671.5	675.6	679.7	683.8	687.9	692.0	696.1	700.2	704.3	708.4	712.5	716.6	720.7	724.8	728.9	733.0	737.1	741.2	745.3	749.4	753.5	757.6	761.7	765.8	769.9	774.0	778.1	782.2	786.3	790.4	794.5	798.6	802.7	806.8	810.9	815.0	819.1	823.2	827.3	831.4	835.5	839.6	843.7	847.8	851.9	856.0	860.1	864.2	868.3	872.4	876.5	880.6	884.7	888.8	892.9	897.0	901.1	905.2	909.3	913.4	917.5	921.6	925.7	929.8	933.9	938.0	942.1	946.2	950.3	954.4	958.5	962.6	966.7	970.8	974.9	979.0	983.1	987.2	991.3	995.4	999.5	1003.6	1007.7	1011.8	1015.9	1020.0	1024.1	1028.2	1032.3	1036.4	1040.5	1044.6	1048.7	1052.8	1056.9	1061.0	1065.1	1069.2	1073.3	1077.4	1081.5	1085.6	1089.7	1093.8	1097.9	1102.0	1106.1	1110.2	1114.3	1118.4	1122.5	1126.6	1130.7	1134.8	1138.9	1143.0	1147.1	1151.2	1155.3	1159.4	1163.5	1167.6	1171.7	1175.8	1179.9	1184.0	1188.1	1192.2	1196.3	1200.4	1204.5	1208.6	1212.7	1216.8	1220.9	1225.0	1229.1	1233.2	1237.3	1241.4	1245.5	1249.6	1253.7	1257.8	1261.9	1266.0	1270.1	1274.2	1278.3	1282.4	1286.5	1290.6	1294.7	1298.8	1302.9	1307.0	1311.1	1315.2	1319.3	1323.4	1327.5	1331.6	1335.7	1339.8	1343.9	1348.0	1352.1	1356.2	1360.3	1364.4	1368.5	1372.6	1376.7	1380.8	1384.9	1389.0	1393.1	1397.2	1401.3	1405.4	1409.5	1413.6	1417.7	1421.8	1425.9	1430.0	1434.1	1438.2	1442.3	1446.4	1450.5	1454.6	1458.7	1462.8	1466.9	1471.0	1475.1	1479.2	1483.3	1487.4	1491.5	1495.6	1499.7	1503.8	1507.9	1512.0	1516.1	1520.2	1524.3	1528.4	1532.5	1536.6	1540.7	1544.8	1548.9	1553.0	1557.1	1561.2	1565.3	1569.4	1573.5	1577.6	1581.7	1585.8	1589.9	1594.0	1598.1	1602.2	1606.3	1610.4	1614.5	1618.6	1622.7	1626.8	1630.9	1635.0	1639.1	1643.2	1647.3	1651.4	1655.5	1659.6	1663.7	1667.8	1671.9	1676.0	1680.1	1684.2	1688.3	1692.4	1696.5	1700.6	1704.7	1708.8	1712.9	1717.0	1721.1	1725.2	1729.3	1733.4	1737.5	1741.6	1745.7	1749.8	1753.9	1758.0	1762.1	1766.2	1770.3	1774.4	1778.5	1782.6	1786.7	1790.8	1794.9	1799.0	1803.1	1807.2	1811.3	1815.4	1819.5	1823.6	1827.7	1831.8	1835.9	1840.0	1844.1	1848.2	1852.3	1856.4	1860.5	1864.6	1868.7	1872.8	1876.9	1881.0	1885.1	1889.2	1893.3	1897.4	1901.5	1905.6	1909.7	1913.8	1917.9	1922.0	1926.1	1930.2	1934.3	1938.4	1942.5	1946.6	1950.7	1954.8	1958.9	1963.0	1967.1	1971.2	1975.3	1979.4	1983.5	1987.6	1991.7	1995.8	1999.9	2004.0	2008.1	2012.2	2016.3	2020.4	2024.5	2028.6	2032.7	2036.8	2040.9	2045.0	2049.1	2053.2	2057.3	2061.4	2065.5	2069.6	2073.7	2077.8	2081.9	2086.0	2090.1	2094.2	2098.3	2102.4	2106.5	2110.6	2114.7	2118.8	2122.9	2127.0	2131.1	2135.2	2139.3	2143.4	2147.5	2151.6	2155.7	2159.8	2163.9	2168.0	2172.1	2176.2	2180.3	2184.4	2188.5	2192.6	2196.7	2200.8	2204.9	2209.0	2213.1	2217.2	2221.3	2225.4	2229.5	2233.6	2237.7	2241.8	2245.9	2250.0	2254.1	2258.2	2262.3	2266.4	2270.5	2274.6	2278.7	2282.8	2286.9	2291.0	2295.1	2299.2	2303.3	2307.4	2311.5	2315.6	2319.7	2323.8	2327.9	2332.0	2336.1	2340.2	2344.3	2348.4	2352.5	2356.6	2360.7	2364.8	2368.9	2373.0	2377.1	2381.2	2385.3	2389.4	2393.5	2397.6	2401.7	2405.8	2409.9	2414.0	2418.1	2422.2	2426.3	2430.4	2434.5	2438.6	2442.7	2446.8	2450.9	2455.0	2459.1	2463.2	2467.3	2471.4	2475.5	2479.6	2483.7	2487.8	2491.9	2496.0	2500.1	2504.2	2508.3	2512.4	2516.5	2520.6	2524.7	2528.8	2532.9	2537.0	2541.1	2545.2	2549.3	2553.4	2557.5	2561.6	2565.7	2569.8	2573.9	2578.0	2582.1	2586.2	2590.3	2594.4	2598.5	2602.6	2606.7	2610.8	2614.9	2619.0	2623.1	2627.2	2631.3	2635.4	2639.5	2643.6	2647.7	2651.8	2655.9	2660.0	2664.1	2668.2	2672.3	2676.4	2680.5	2684.6	2688.7	2692.8	2696.9	2701.0	2705.1	2709.2	2713.3	2717.4	2721.5	2725.6	2729.7	2733.8	2737.9	2742.0	2746.1	2750.2	2754.3	2758.4	2762.5	2766.6	2770.7	2774.8	2778.9	2783.0	2787.1	2791.2	2795.3	2799.4	2803.5	2807.6	2811.7	2815.8	2819.9	2824.0	2828.1	2832.2	2836.3	2840.4	2844.5	2848.6	2852.7	2856.8	2860.9	2865.0	2869.1	2873.2	2877.3	2881.4	2885.5	2889.6	2893.7	2897.8	2901.9	2906.0	2910.1	2914.2	2918.3	2922.4	2926.5	2930.6	2934.7	2938.8	2942.9	2947.0	2951.1	2955.2	2959.3	2963.4	2967.5	2971.6	2975.7	2979.8	2983.9	2988.0	2992.1	2996.2	3000.3	3004.4	3008.5	3012.6	3016.7	3020.8	3024.9	3029.0	3033.1	3037.2	3041.3	3045.4	3049.5	3053.6	3057.7	3061.8	3065.9	3070.0	3074.1	3078.2	3082.3	3086.4	3090.5	3094.6	3098.7	3102.8	3106.9	3111.0	3115.1	3119.2	3123.3	3127.4	3131.5	3135.6	3139.7	3143.8	3147.9	3152.0	3156.1	3160.2	3164.3	3168.4	3172.5	3176.6	3180.7	3184.8	3188.9	3193.0	3197.1	3201.2	3205.3	3209.4	3213.5	3217.6	3221.7	3225.8	3229.9	3234.0	3238.1	3242.2	3246.3	3250.4	3254.5	3258.6	3262.7	3266.8	3270.9	3275.0	3279.1	3283.2	3287.3	3291.4	3295.5	3299.6	3303.7	3307.8	3311.9	3316.0	3320.1	3324.2	3328.3	3332.4	3336.5	3340.6	3344.7	3348.8	3352.9	3357.0	3361.1	3365.2	3369.3	3373.4	3377.5	3381.6	3385.7	3389.8	3393.9	3398.0	3402.1	3406.2	3410.3	3414.4	3418.5	3422.6	3426.7	3430.8	3434.9	3439.0	3443.1	3447.2	3451.3	3455.4	3459.5	3463.6	3467.7	3471.8	3475.9	3480.0	3484.1	3488.2	3492.3	3496.4	3500.5	3504.6	3508.7	3512.8	3516.9	3521.0	3525.1	3529.2	3533.3	3537.4	3541.5	3545.6	3549.7	3553.8	3557.9	3562.0	3566.1	3570.2	3574.3	3578.4	3582.5	3586.6	3590.7	3594.8	3598.9	3603.0	3607.1	3611.2	3615.3	3619.4	3623.5	3627.6	3631.7	3635.8	3639.9	3644.0	3648.1	3652.2	3656.3	3660.4	3664.5	3668.6	3672.7	3676.8	3680.9	3685.0	3689.1	3693.2	3697.3	3701.4	3705.5	3709.6	3713.7	3717.8	3721.9	3726.0	3730.1	3734.2	3738.3	3742.4	3746.5	3750.6	3754.7	3758.8	3762.9	3767.0	3771.1	3775.2	3779.3	3783.4	3787.5	3791.6	3795.7	3799.8	3803.9	3808.0	3812.1	3816.2	3820.3	3824.4	3828.5	3832.6	3836.7	3840.8	3844.9	3849.0	3853.1	3857.2	3861.3	3865.4	3869.5	3873.6	3877.7	3881.8	3885.9	3890.0	3894.1	3898.2	3902.3	3906.4	3910.5	3914.6	3918.7	3922.8	3926.9	3931.0	3935.1	3939.2	3943.3	3947.4	3951.5	3955.6	3959.7	3963.8	3967.9	3972.0	3976.1	3980.2	3984.3	3988.4	3992.5	3996.6	4000.7	4004.8	4008.9	4013.0	4017.1	4021.2	4025.3	4029.4	4033.5	4037.6	4041.7	4045.8	4049.9	4054.0	4058.1	4062.2	4066.3	4070.4	4074.5	4078.6	4082.7	4086.8	4090.9	4095.0	4099.1	4103.2	4107.3	4111.4	4115.5	4119.6	4123.7	4127.8	4131.9	4136.0	4140.1	4144.2	4148.3	4152.4	4156.5	4160.6	4164.7	4168.8	4172.9	4177.0	4181.1	4185.2	4189.3	4193.4	4197.5	4201.6	4205.7	4209.8	4213.9	4218.0	4222.1	4226.2	4230.3	4234.4	4238.5	4242.6	4246.7	4250.8	4254.9	4259.0	4263.1	4267.2	4271.3	4275.4	4279.5	4283.6	4287.7	4291.8	4295.9	4300.0	4304.1	4308.2	4312.3	4316.4	4320.5	4324.6	4328.7	4332.8	4336.9	4341.0	4345.1	4349.2	4353.3	4357.4	4361.5	4365.6	4369.7	4373.8	4377.9	4382.0	4386.1	4390.2	4394.3	4398.4	4402.5	4406.6	4410.7	4414.8	4418.9	4423.0	4427.1	4431.2	4435.3	4439.4	4443.5	4447.6	4451.7	4455.8	4459.9	4464.0	4468.1	4472.2	4476.3	4480.4	4484.5	4488.6	4492.7	4496.8	4500.9	4505.0	4509.1	4513.2	4517.3	4521.4	4525.5	4529.6	4533.7	4537.8	4541.9	4546.0	455

Input and output:

Colorimetric Printer Reflective System ORS20_95a
data for any colour:

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

device hue text:

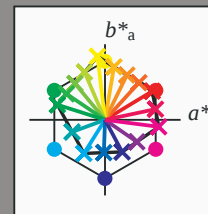
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

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

$u^*_{rel} = 83$

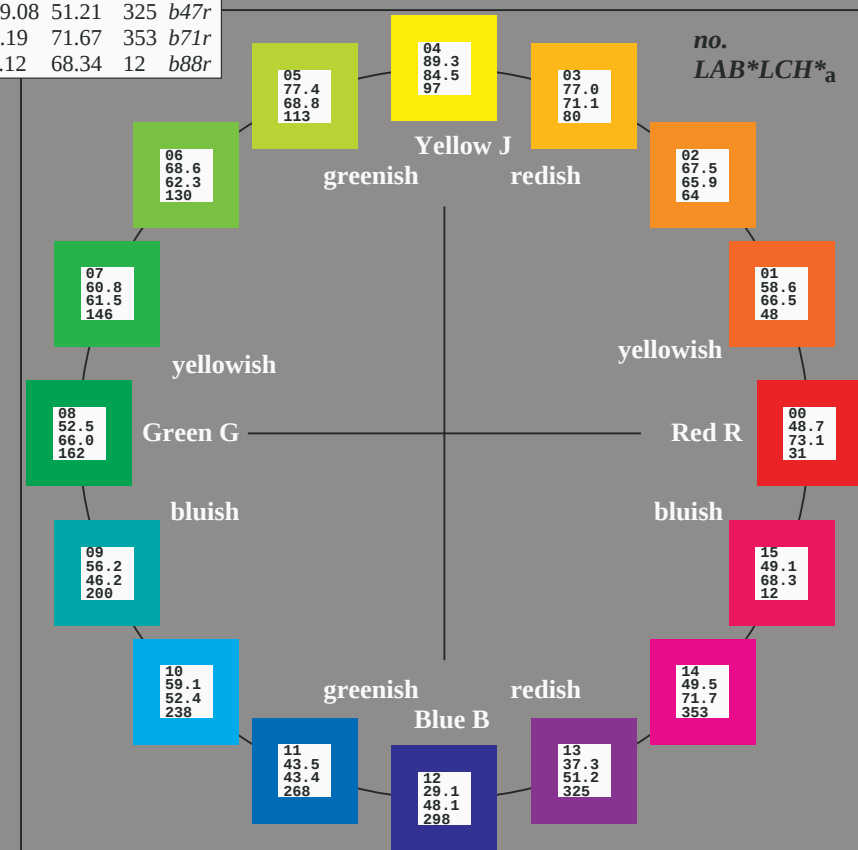
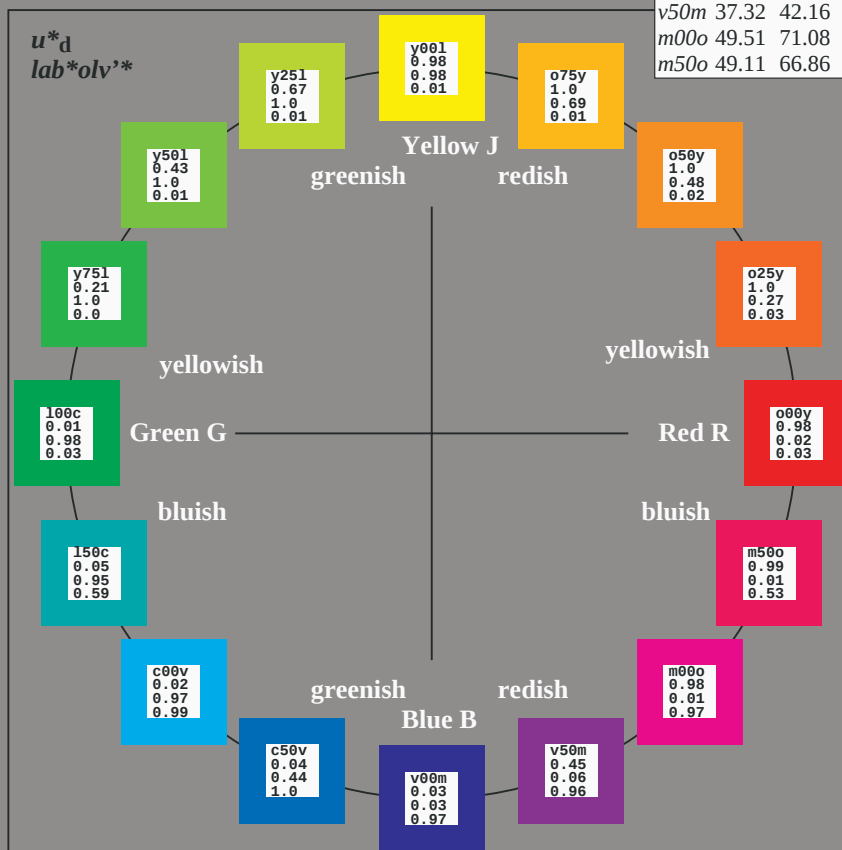
%Regularity

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

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

ORS20_95a; CIELAB data

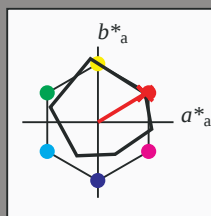
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	32
Y_M	89.25	-10.36	85.91	86.53	97
L_M	52.5	-62.88	21.3	66.38	161
C_M	59.15	-27.92	-42.97	51.24	237
V_M	29.13	23.07	-41.51	47.5	299
M_M	49.51	71.15	-7.9	71.59	354
N_M	20.0	0.47	0.76	0.89	58
W_M	95.0	-0.52	2.11	2.17	104
O_{CIE}	39.92	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	$L^*=L^*_a$	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

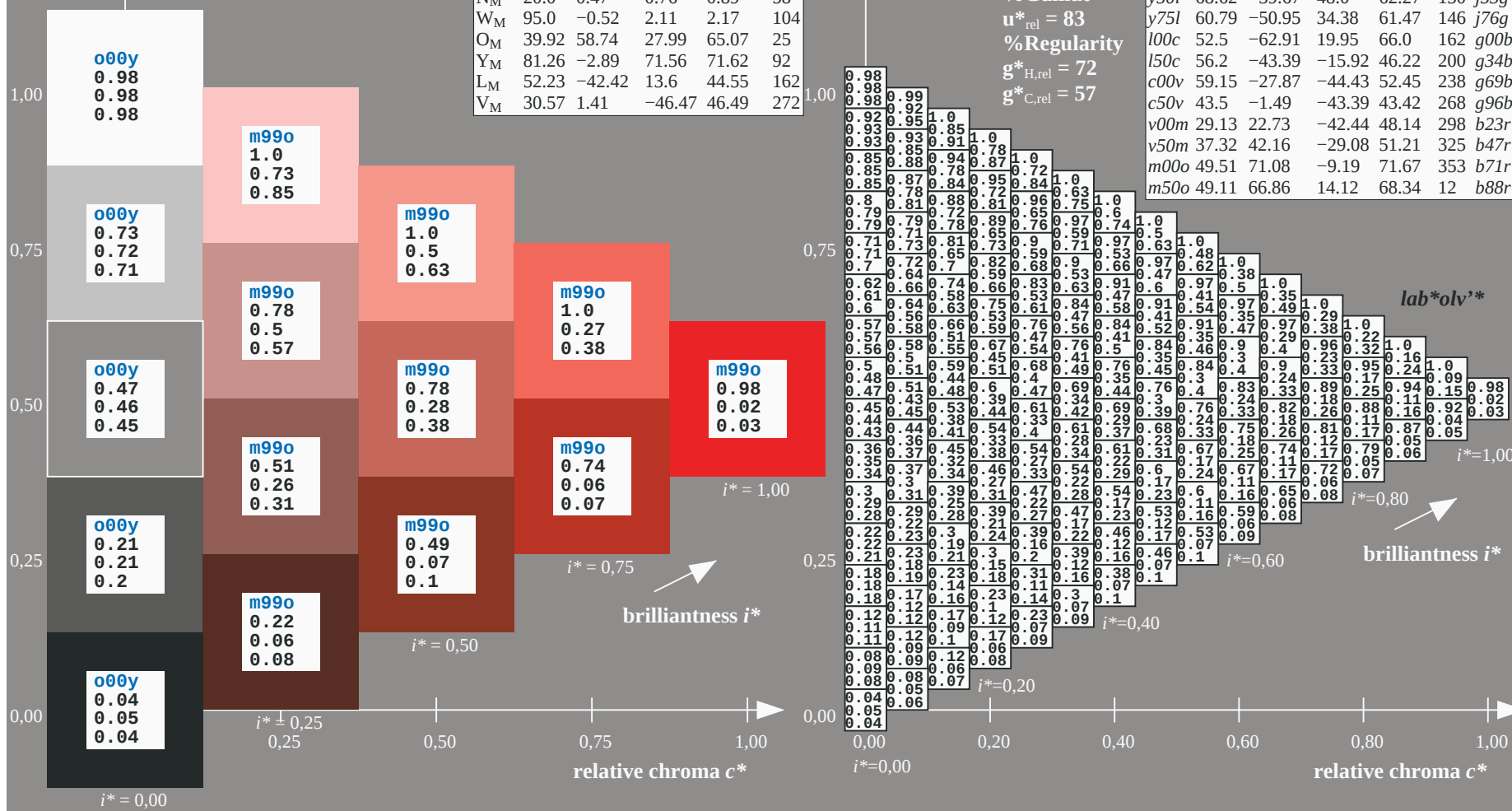
$u^*_{rel} = 83$

% Regularity

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

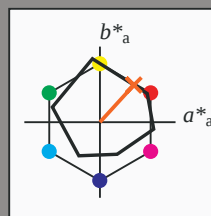
$g^*_{C,rel} = 57$

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	$b88r$	



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; CIELAB data						
	u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	73.89	32
Y_M	89.25	-10.36	85.91	86.53	86.53	97
L_M	52.5	-62.88	21.3	66.38	66.38	161
C_M	59.15	-27.92	-42.97	51.24	51.24	237
V_M	29.13	23.07	-41.51	47.5	47.5	299
M_M	49.51	71.15	-7.9	71.59	71.59	354
N_M	20.0	0.47	0.76	0.89	0.89	58
W_M	95.0	-0.52	2.11	2.17	2.17	104
O_M	39.92	58.74	27.99	65.07	65.07	25
Y_M	81.26	-2.89	71.56	71.62	71.62	92
L_M	52.23	-42.42	13.6	44.55	44.55	162
V_M	30.57	1.41	-46.47	46.49	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

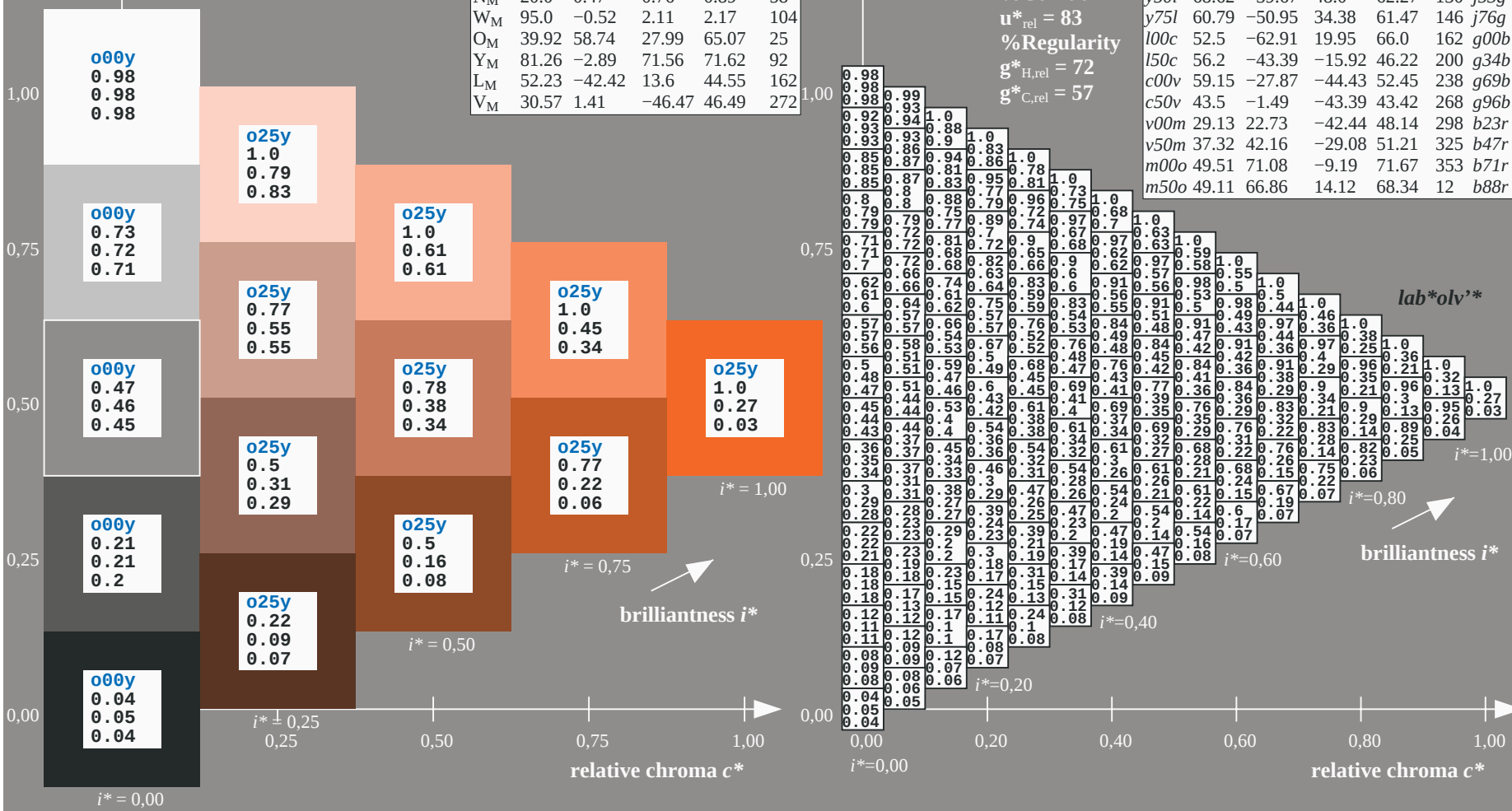
$u^*_{rel} = 83$

% Regularity

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

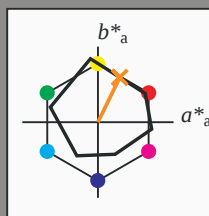
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data							
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<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 $h^* = lab^*h^* = h_{ab}/360 = 0.178$
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	$L^*=L^*_a$	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):

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

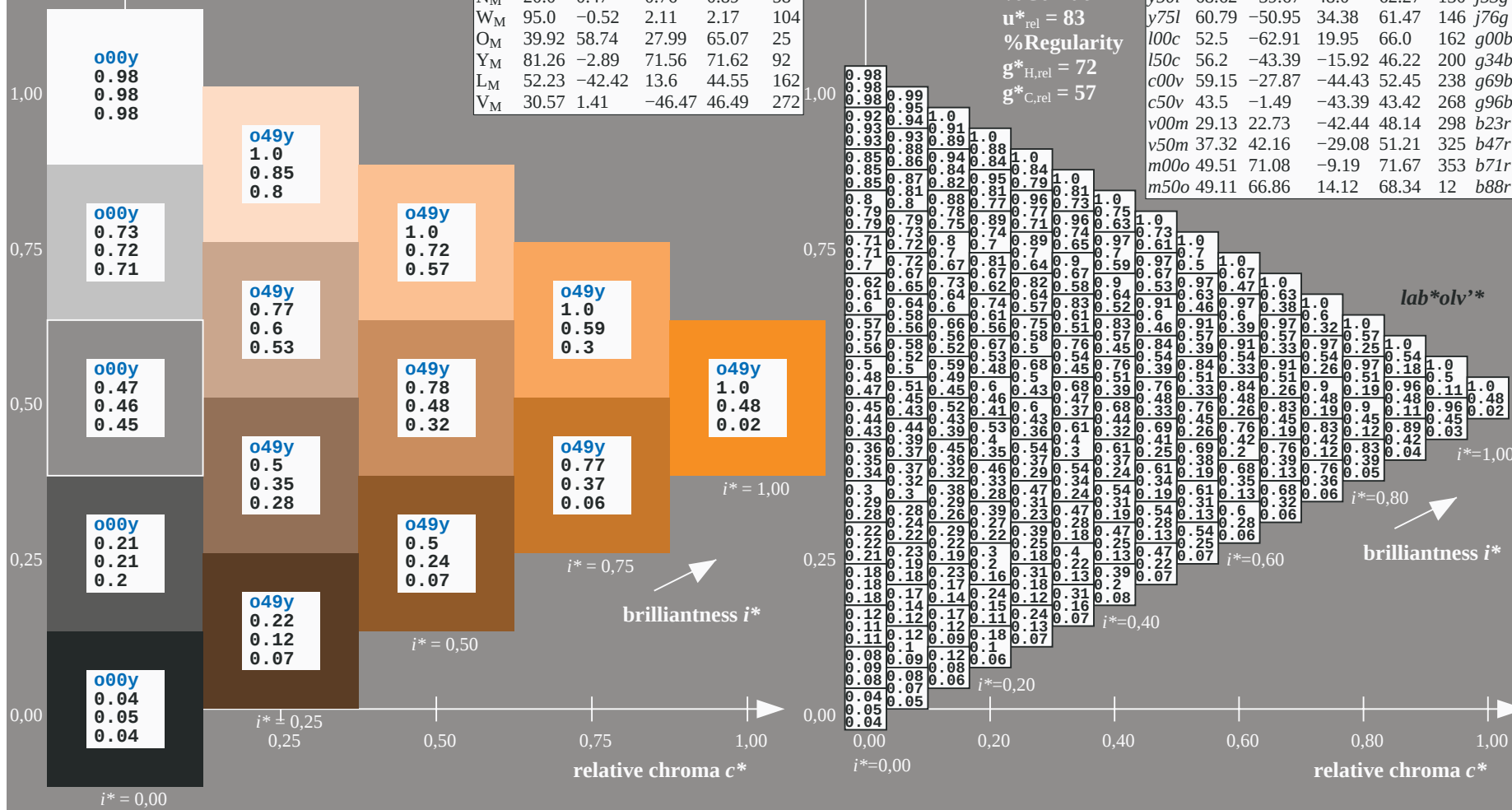
$u^*_{rel} = 83$

% 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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.223$

data for any colour:

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

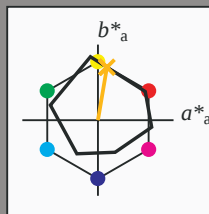
Hue texts:

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

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*_a$	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):

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

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

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

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

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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

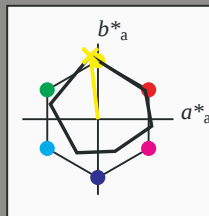
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

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

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

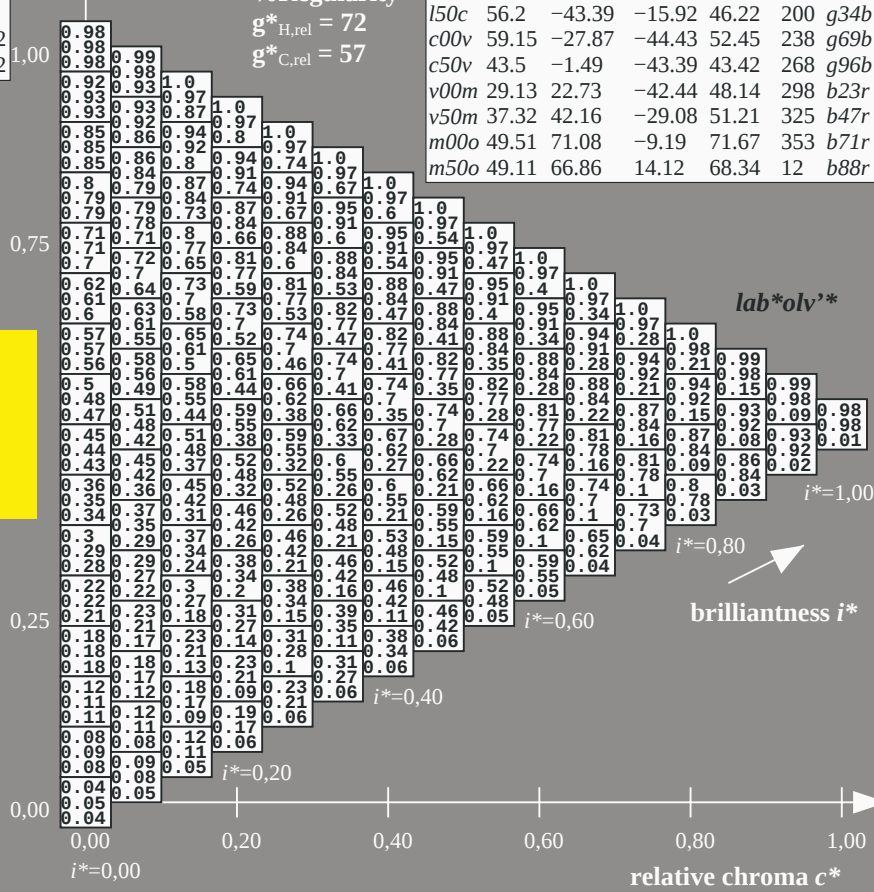
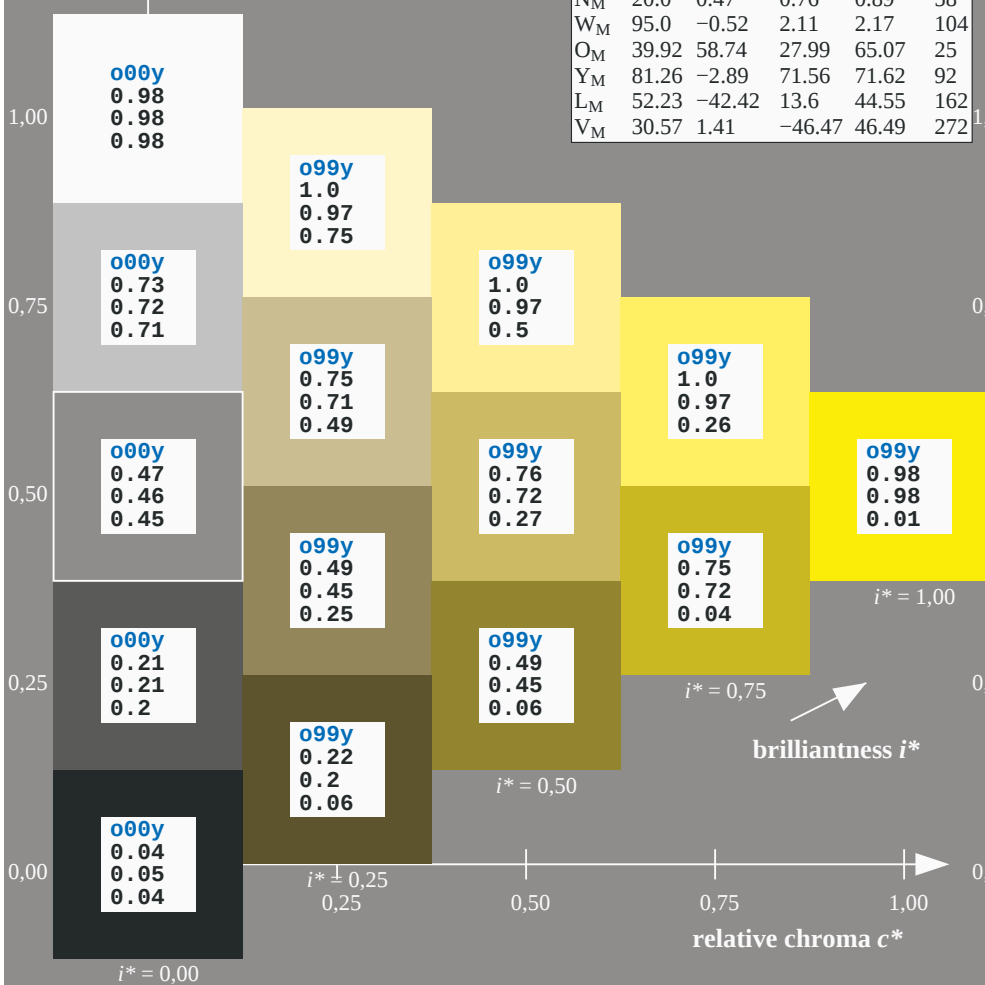
$u^*_{rel} = 83$

%Regularity

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

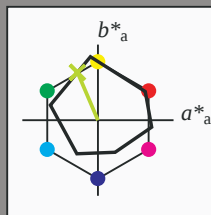
$g^*_{C,rel} = 57$

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$
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	$L^*=L^*_a$	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

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

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

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		$b88r$

$u^*_d = y25l$
 $\text{lab}^*\text{olv}^*_{Ma}$

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 $h^* = lab^*h^* = h_{ab}/360 = 0.36$ data for any colour: Data for maximum colour (Ma):

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

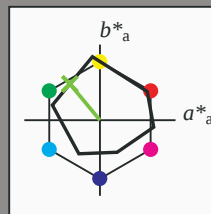
Hue texts:

$$u_d^* = v50l \quad u_e^* = j53q$$

contrast reduction factor:

 $c_D = 0.96$ triangle lightness t^*

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	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):

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

LAB*LCH*Ma: 69 62 129

*lab*_{ch}**_{Ma}: 69 62 1

*lab*ol**_{Ma}: 0.5 1.0 0.0
*lab*rgb**_{Ma}: 0.47 1.0 0.0

triangle lightness t^*

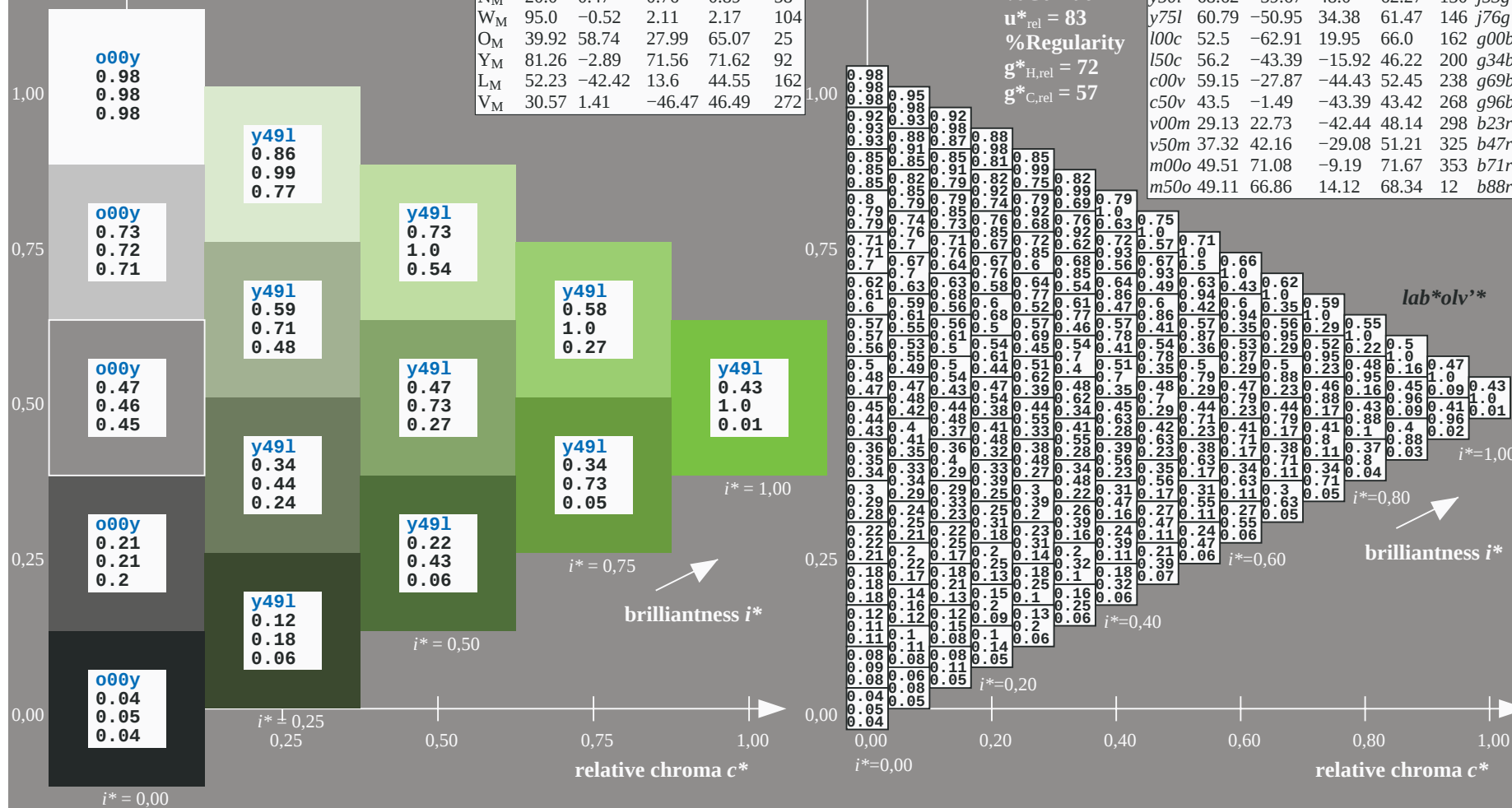
%Gamut

$$\mathbf{u}_{r\rho}^* = 83$$

%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>g00t</i>	
<i>l50c</i>	56.2	-43.39	-15.92	46.22	200	<i>g34t</i>	
<i>c00v</i>	59.15	-27.87	-44.43	52.45	238	<i>g69t</i>	
<i>c50v</i>	43.5	-1.49	-43.39	43.42	268	<i>g96t</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	312	<i>b88r</i>	

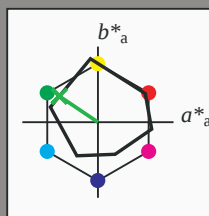


BAM-test chart Ee69; Colorimetric systems, Page 170/198
D65: colour scales and 9 data tables for 16 hues 000y to m75o

input: 000n / w / nnn0 / www set...
output: ->LAB*->cmyn6* setcmyk

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

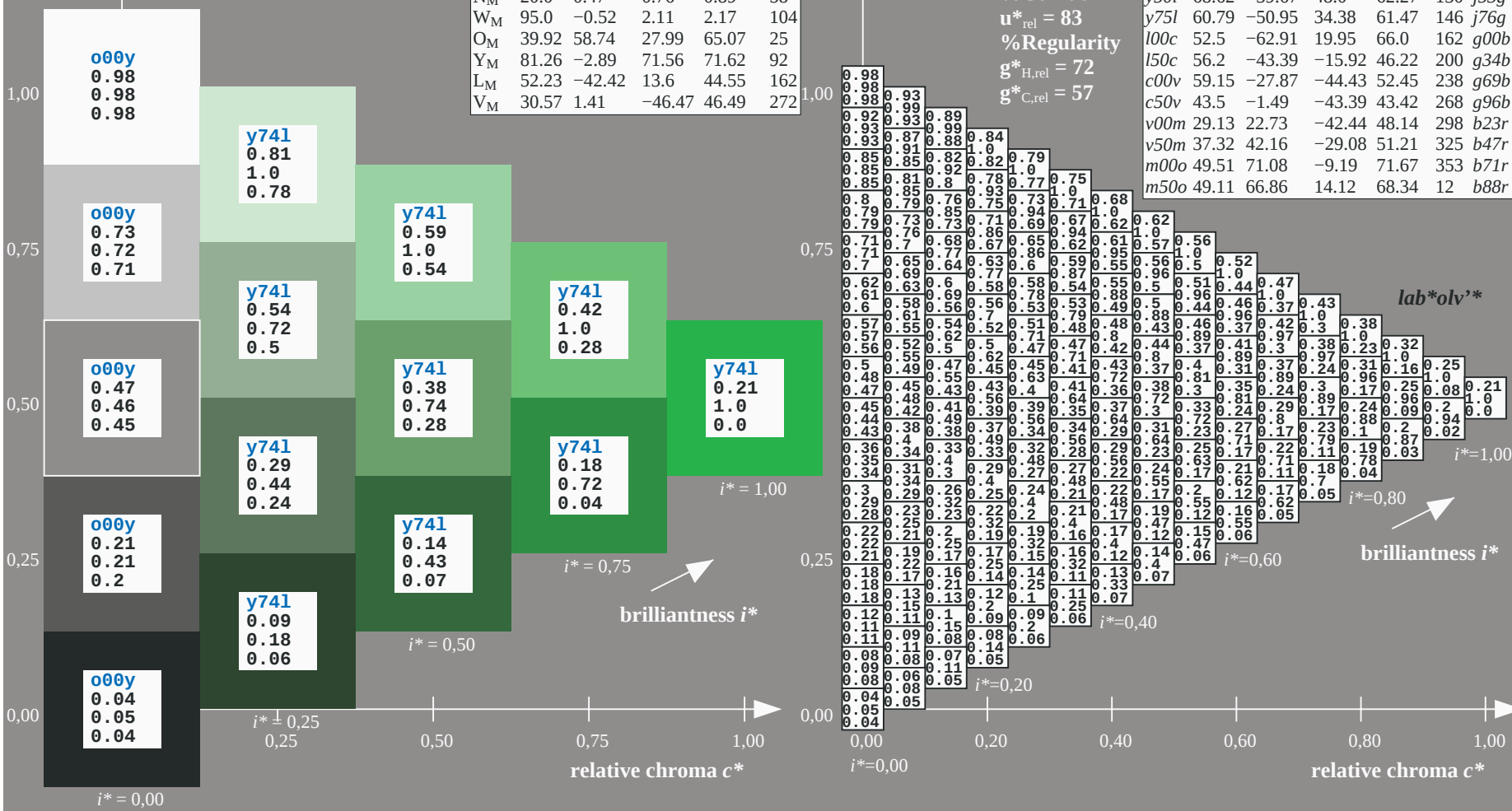
$u^*_{rel} = 83$

% Regularity

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

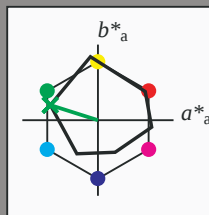
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data									
	u^*_d	$L^*=L^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	$u^*_d = y75l$ $\text{lab}^*\text{olv}^*_{**}$	
$o00y$	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; CIELAB data						
	u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	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

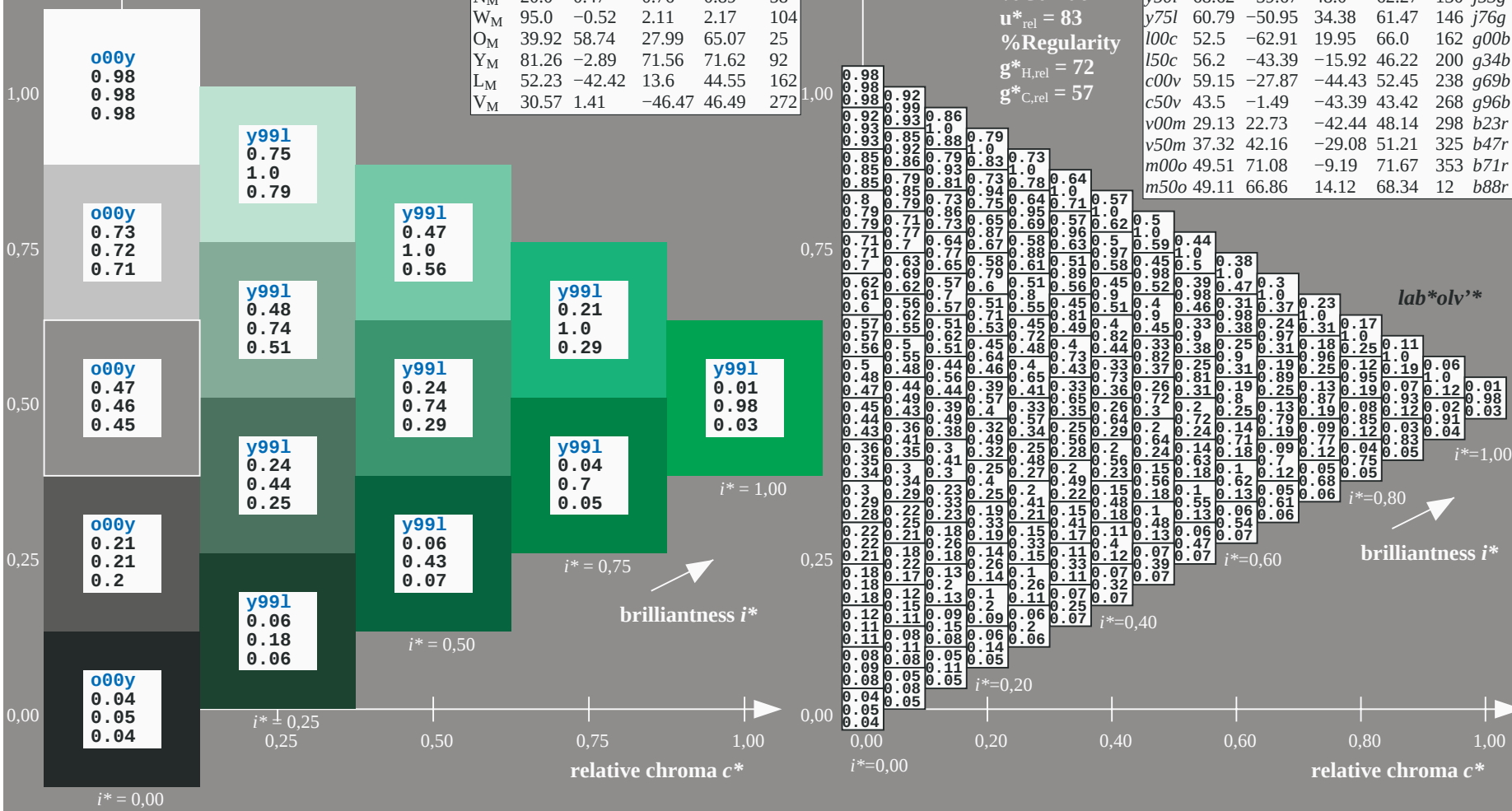
$u^*_{rel} = 83$

% Regularity

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

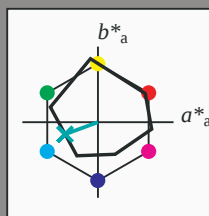
$g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data									
	u^*_d	$L^*=L^*$	a^*_a	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; CIELAB data						
	u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.71	62.65	39.19	73.89	73.89	32
Y_M	89.25	-10.36	85.91	86.53	86.53	97
L_M	52.5	-62.88	21.3	66.38	66.38	161
C_M	59.15	-27.92	-42.97	51.24	51.24	237
V_M	29.13	23.07	-41.51	47.5	47.5	299
M_M	49.51	71.15	-7.9	71.59	71.59	354
N_M	20.0	0.47	0.76	0.89	0.89	58
W_M	95.0	-0.52	2.11	2.17	2.17	104
O_M	39.92	58.74	27.99	65.07	65.07	25
Y_M	81.26	-2.89	71.56	71.62	71.62	92
L_M	52.23	-42.42	13.6	44.55	44.55	162
V_M	30.57	1.41	-46.47	46.49	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
<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>	

$u^*_d = 150c$
 lab^*olv^*

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

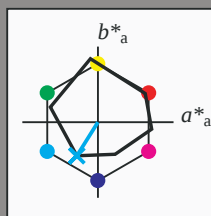
$i^* = 0.20$

$i^* = 0.00$

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	$L^*=L^*_a$	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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

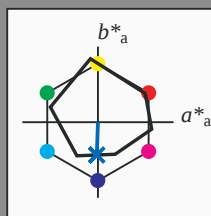
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

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

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

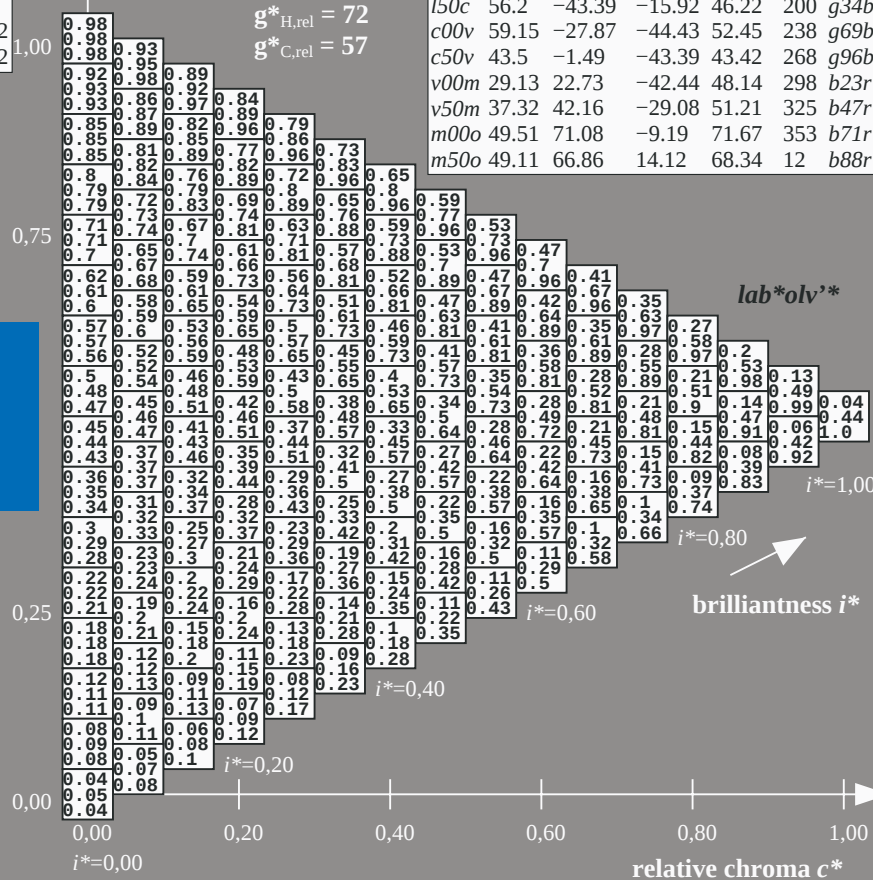
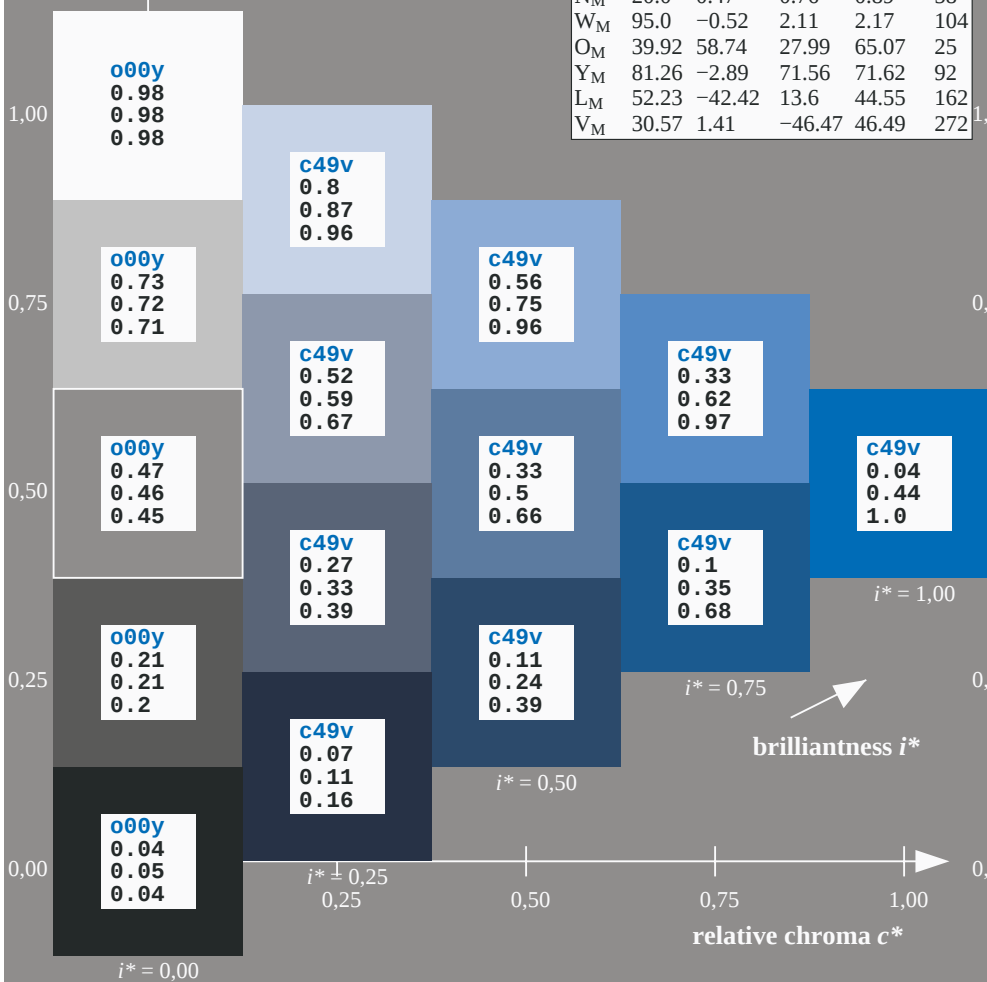
$u^*_{rel} = 83$

% Regularity

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

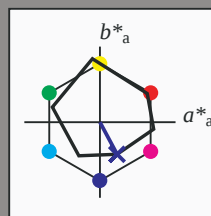
$g^*_{C,rel} = 57$

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	$b88r$		



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	$L^*=L^*_a$	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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 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

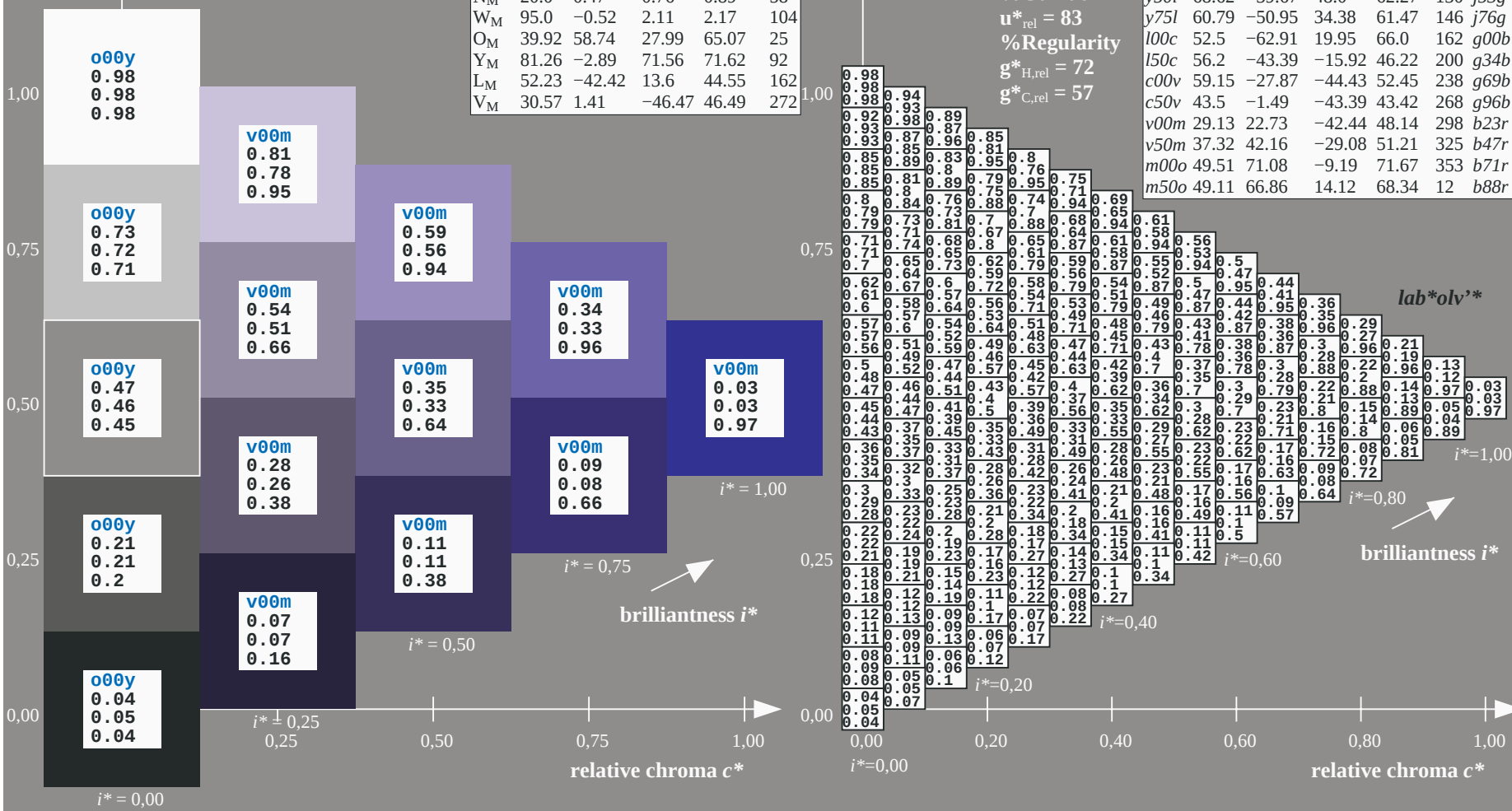
$u^*_{rel} = 83$

% 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 $h^* = lab^*h^* = h_{ab}/360 = 0.904$

data for any colour:

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

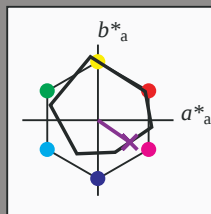
Hue texts:

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

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^*	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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

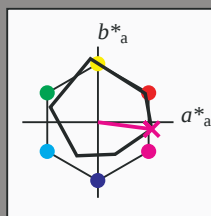
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.98$
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	73.89	32
Y_M	89.25	-10.36	85.91	86.53	86.53	97
L_M	52.5	-62.88	21.3	66.38	66.38	161
C_M	59.15	-27.92	-42.97	51.24	51.24	237
V_M	29.13	23.07	-41.51	47.5	47.5	299
M_M	49.51	71.15	-7.9	71.59	71.59	354
N_M	20.0	0.47	0.76	0.89	0.89	58
W_M	95.0	-0.52	2.11	2.17	2.17	104
O_M	39.92	58.74	27.99	65.07	65.07	25
Y_M	81.26	-2.89	71.56	71.62	71.62	92
L_M	52.23	-42.42	13.6	44.55	44.55	162
V_M	30.57	1.41	-46.47	46.49	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 $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

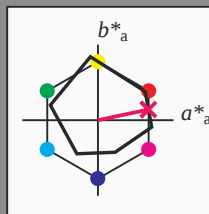
Hue texts:

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

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

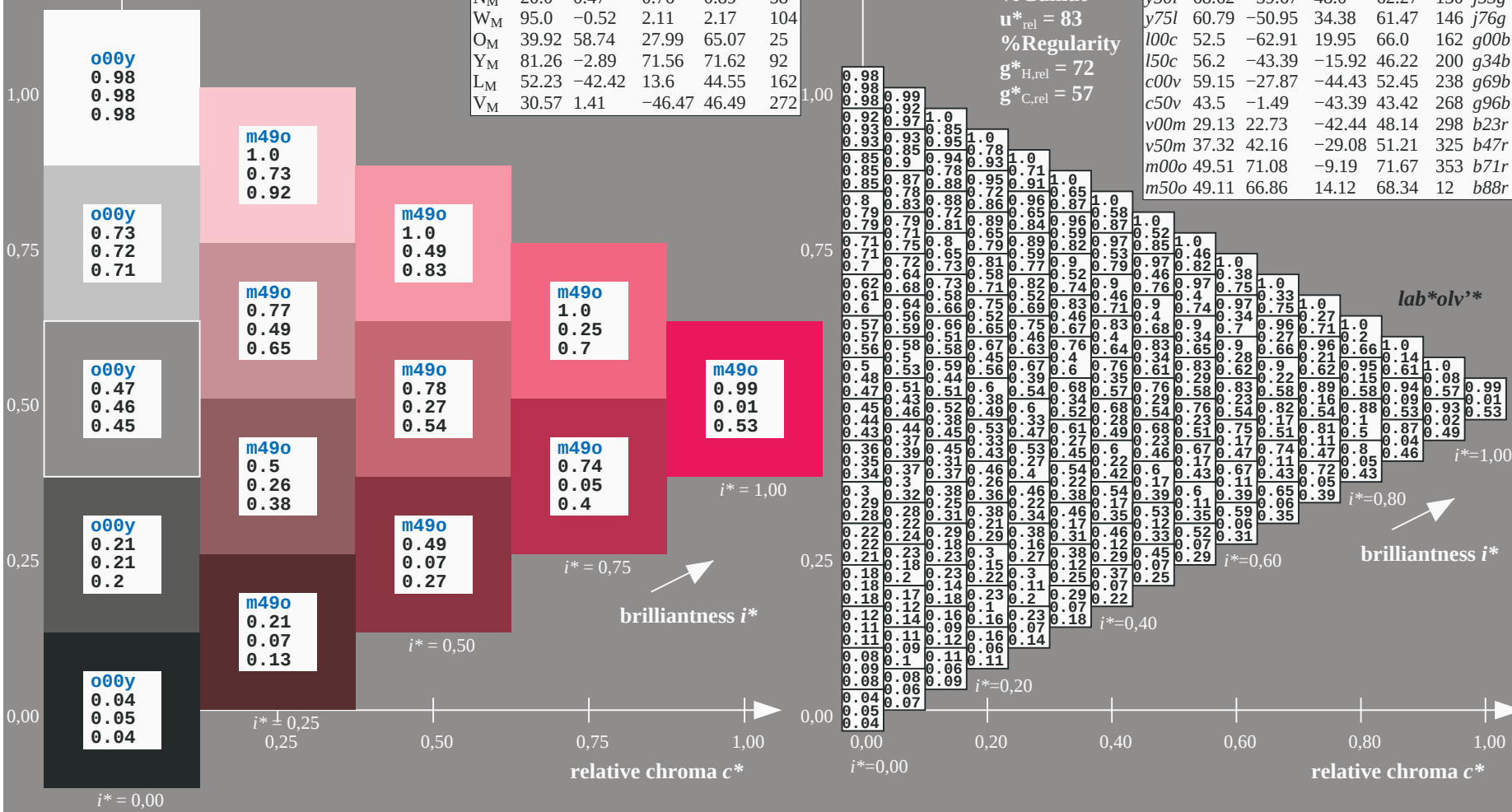
$g^*_{H,rel} = 72$

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

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	$b88r$

$u^*_d = m50o$
 lab^*olv^*



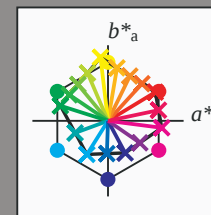
See for similar files: <http://www.ps.bam.de/Ee69/>; www.ps.bam.de/Ee69/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1, CIELAB, ColSpX=1

	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	0.84	0.05	0.06	0.07	0.08	0.06	0.04	0.03	0.04	0.11	0.12	0.12	0.14	0.14	0.14	0.14	0.13	0.11	0.22	0.22	0.22	0.21	0.22	0.23	0.23	0.23	0.22	0.21	0.08	1.0	1.0	1.0	1.0	1.0	0.98	0.04	0.04	0.04	0.04		
02	0.05	0.1	0.18	0.3	0.43	0.56	0.7	0.84	0.98	0.06	0.11	0.18	0.3	0.43	0.56	0.7	0.84	0.98	0.06	0.11	0.18	0.3	0.43	0.56	0.7	0.84	0.98	0.06	0.11	0.18	0.3	0.43	0.56	0.7	0.84	0.98	0.06	0.11	0.18	0.3	0.43
03	0.04	0.05	0.06	0.07	0.08	0.06	0.05	0.05	0.03	0.07	0.05	0.06	0.06	0.06	0.07	0.06	0.05	0.04	0.02	0.08	0.07	0.06	0.06	0.06	0.06	0.04	0.03	0.0	0.98	0.92	0.85	0.75	0.63	0.5	0.38	0.23	0.03	0.04	0.04	0.04	
04	0.06	0.06	0.07	0.08	0.08	0.07	0.06	0.05	0.03	0.11	0.11	0.12	0.14	0.15	0.14	0.13	0.12	0.1	0.21	0.22	0.22	0.21	0.23	0.24	0.24	0.23	0.22	0.88	0.86	0.89	0.91	0.92	0.92	0.91	0.9	0.87	0.11	0.11	0.11	0.11	
05	0.06	0.1	0.17	0.28	0.41	0.55	0.68	0.83	0.97	0.06	0.11	0.19	0.31	0.45	0.59	0.73	0.88	1.0	0.07	0.13	0.2	0.29	0.43	0.58	0.73	0.89	1.0	0.98	0.86	0.74	0.61	0.5	0.39	0.28	0.17	0.05	0.11	0.11	0.11	0.11	
06	0.1	0.1	0.12	0.23	0.35	0.48	0.61	0.74	0.87	0.1	0.11	0.19	0.31	0.45	0.59	0.73	0.88	1.0	0.07	0.13	0.2	0.29	0.43	0.58	0.73	0.89	1.0	0.98	0.86	0.74	0.61	0.5	0.39	0.28	0.17	0.05	0.11	0.11	0.11	0.11	
07	0.07	0.07	0.08	0.08	0.09	0.08	0.07	0.06	0.04	0.12	0.13	0.15	0.15	0.16	0.16	0.15	0.15	0.12	0.21	0.22	0.21	0.22	0.24	0.24	0.24	0.23	0.21	0.78	0.77	0.73	0.76	0.78	0.78	0.78	0.77	0.74	0.21	0.21	0.21	0.21	
08	0.07	0.11	0.18	0.27	0.4	0.54	0.67	0.82	0.96	0.07	0.12	0.2	0.29	0.42	0.56	0.71	0.86	1.0	0.07	0.14	0.21	0.3	0.44	0.59	0.74	0.89	1.0	0.98	0.85	0.72	0.61	0.5	0.39	0.28	0.17	0.06	0.21	0.21	0.21	0.21	
09	0.16	0.16	0.2	0.21	0.26	0.3	0.33	0.36	0.37	0.17	0.17	0.2	0.21	0.26	0.3	0.32	0.35	0.35	0.19	0.2	0.2	0.21	0.25	0.27	0.29	0.3	0.29	0.98	0.85	0.71	0.65	0.57	0.48	0.38	0.24	0.07	0.2	0.2	0.2	0.2	
10	0.09	0.1	0.09	0.09	0.09	0.08	0.07	0.06	0.05	0.12	0.17	0.16	0.17	0.17	0.17	0.16	0.14	0.14	0.21	0.22	0.23	0.24	0.25	0.26	0.26	0.26	0.24	0.65	0.64	0.62	0.59	0.62	0.64	0.64	0.63	0.61	0.34	0.34	0.34	0.34	
11	0.09	0.15	0.2	0.29	0.4	0.53	0.67	0.81	0.95	0.09	0.16	0.21	0.3	0.41	0.55	0.69	0.85	0.98	0.08	0.14	0.21	0.31	0.42	0.57	0.72	0.88	1.0	0.97	0.85	0.7	0.58	0.47	0.37	0.26	0.16	0.06	0.33	0.33	0.33	0.33	
12	0.24	0.25	0.26	0.3	0.33	0.38	0.42	0.46	0.49	0.25	0.26	0.3	0.33	0.38	0.42	0.46	0.49	0.52	0.26	0.3	0.33	0.38	0.42	0.46	0.51	0.55	0.59	0.65	0.69	0.73	0.76	0.78	0.79	0.8	0.8	0.8	0.8	0.8	0.8		
13	0.11	0.11	0.11	0.1	0.09	0.08	0.07	0.06	0.05	0.18	0.2	0.2	0.19	0.18	0.18	0.17	0.16	0.15	0.24	0.27	0.28	0.27	0.27	0.27	0.28	0.28	0.27	0.26	0.52	0.53	0.51	0.5	0.47	0.49	0.51	0.51	0.49	0.47	0.47	0.47	0.47
14	0.11	0.18	0.24	0.31	0.4	0.54	0.67	0.81	0.95	0.1	0.19	0.25	0.32	0.42	0.54	0.68	0.84	0.98	0.09	0.18	0.26	0.33	0.43	0.55	0.7	0.86	1.0	0.97	0.85	0.71	0.57	0.46	0.36	0.26	0.17	0.07	0.46	0.46	0.46	0.46	
15	0.38	0.38	0.39	0.4	0.43	0.46	0.5	0.54	0.59	0.38	0.37	0.38	0.39	0.43	0.46	0.51	0.55	0.59	0.39	0.38	0.38	0.39	0.44	0.46	0.51	0.55	0.59	0.65	0.69	0.73	0.76	0.78	0.79	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
16	0.11	0.11	0.11	0.11	0.1	0.08	0.07	0.06	0.05	0.18	0.22	0.22	0.21	0.2	0.18	0.17	0.17	0.15	0.26	0.3	0.33	0.32	0.3	0.29	0.28	0.28	0.27	0.41	0.42	0.42	0.4	0.38	0.34	0.35	0.36	0.35	0.59	0.59	0.59	0.59	
17	0.1	0.19	0.26	0.34	0.43	0.55	0.67	0.81	0.95	0.1	0.21	0.29	0.36	0.44	0.55	0.68	0.83	0.97	0.1	0.21	0.31	0.38	0.45	0.56	0.69	0.85	0.98	0.98	0.85	0.71	0.58	0.45	0.33	0.23	0.15	0.07	0.58	0.58	0.58	0.58	
18	0.53	0.53	0.53	0.53	0.54	0.57	0.59	0.63	0.68	0.52	0.51	0.52	0.52	0.53	0.57	0.59	0.64	0.69	0.52	0.51	0.51	0.52	0.53	0.57	0.59	0.65	0.69	0.73	0.76	0.78	0.79	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
19	0.09	0.09	0.1	0.1	0.09	0.08	0.07	0.06	0.04	0.18	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.26	0.31	0.35	0.34	0.33	0.31	0.3	0.29	0.28	0.28	0.3	0.29	0.27	0.24	0.22	0.22	0.22	0.22	0.22	0.22	0.22		
20	0.09	0.17	0.26	0.35	0.44	0.55	0.68	0.81	0.95	0.08	0.21	0.3	0.39	0.46	0.56	0.69	0.83	0.97	0.08	0.21	0.33	0.42	0.5	0.58	0.7	0.84	0.98	0.84	0.7	0.56	0.43	0.31	0.21	0.13	0.06	0.72	0.72	0.72	0.72		
21	0.66	0.67	0.68	0.68	0.68	0.69	0.71	0.73	0.78	0.66	0.65	0.65	0.66	0.67	0.68	0.71	0.73	0.78	0.65	0.65	0.64	0.65	0.66	0.68	0.71	0.74	0.79	0.85	0.88	0.85	0.71	0.57	0.44	0.3	0.2	0.14	0.08	0.71	0.71	0.71	0.71
22	0.06	0.07	0.08	0.08	0.07	0.06	0.05	0.04	0.17	0.22	0.21	0.21	0.21	0.2	0.19	0.18	0.17	0.15	0.26	0.31	0.36	0.35	0.34	0.33	0.31	0.3	0.28	0.15	0.17	0.18	0.18	0.18	0.17	0.15	0.11	0.11	0.86	0.86	0.86	0.86	
23	0.05	0.16	0.25	0.35	0.45	0.56	0.68	0.83	0.96	0.06	0.2	0.29	0.38	0.48	0.58	0.69	0.83	0.97	0.06	0.2	0.34	0.44	0.52	0.61	0.71	0.84	0.97	0.97	0.83	0.69	0.55	0.42	0.3	0.2	0.11	0.06	0.86	0.86	0.86	0.86	
24	0.82	0.84	0.85	0.85	0.85	0.85	0.84	0.85	0.87	0.81	0.81	0.82	0.82	0.83	0.83	0.83	0.85	0.87	0.8	0.81	0.79	0.81	0.82	0.82	0.83	0.85	0.88	0.85	0.85	0.71	0.57	0.43	0.3	0.2	0.11	0.07	0.85	0.85	0.85	0.85	
25	0.03	0.04	0.04	0.05	0.04	0.04	0.04	0.03	0.02	0.15	0.2	0.2	0.2	0.19	0.19	0.18	0.17	0.15	0.24	0.29	0.34	0.34	0.34	0.33	0.31	0.3	0.28	0.02	0.05	0.07	0.08	0.09	0.09	0.08	0.06	0.04	0.98	0.98	0.98	0.98	
26	0.03	0.14	0.24	0.34	0.44	0.56	0.68	0.82	0.97	0.04	0.18	0.28	0.38	0.48	0.58	0.69	0.83	0.97	0.04	0.18	0.33	0.43	0.53	0.62	0.72	0.84	0.98	0.97	0.83	0.68	0.55	0.42	0.29	0.19	0.1	0.05	0.98	0.98	0.98	0.98	
27	0.97	0.99	1.0	1.0	1.0	1.0	0.99	0.98	0.99	0.96	0.96	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.98	0.99	0.99	0.85	0.71	0.57	0.43	0.3	0.2	0.1	0.04	0.98	0.98	0.98	0.98	
28	0.35	0.36	0.36	0.36	0.33	0.34	0.34	0.34	0.33	0.49	0.5	0.5	0.5	0.49	0.46	0.45	0.45	0.43	0.61	0.62	0.63	0.63	0.62	0.61	0.57	0.56	0.54	0.98	0.99	1.0	1.0	1.0	1.0	1.0	0.99	0.98	0.04	0.04	0.04	0.04	
29	0.07	0.15	0.22	0.32	0.43	0.58	0.73	0.89	1.0	0.07	0.16	0.24	0.33	0.45	0.57	0.72	0.89	1.0	0.06	0.15	0.25	0.34	0.44	0.57	0.71	0.88	1.0	0.98	0.97	0.97	0.97	0.97	0.97	0.98	0.05	0.05	0.05	0.05			
30	0.1	0.08	0.07	0.06	0.07	0.06	0.05	0.02	0.0	0.1	0.08	0.07	0.07	0.06	0.06	0.05	0.03	0.01	0.08	0.07	0.07	0.06	0.05	0.04	0.05	0.03	0.01	0.98	0.88	0.88	0.75	0.62	0.5	0.38	0.26	0.15	0.01	0.04	0.04	0.04	
31	0.35	0.36	0.36	0.36	0.34	0.36	0.36	0.36	0.35	0.49	0.51	0.51	0.51	0.49	0.46	0.46	0.46	0.45	0.68	0.67	0.64	0.64	0.63	0.62	0.58	0.56	0.9	0.88	0.88	0.89	0.89	0.89	0.89	0.88	0.87	0.08	0.08	0.08	0.08		
32	0.07	0.15	0.23	0.32	0.43	0.58	0.74	0.9	1.0	0.07	0.17	0.25	0.34	0.45	0.57	0.72	0.89	1.0	0.06	0.16	0.26	0.35	0.45	0.57	0.7	0.87	1.0	0.88	0.86	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85		
33	0.17	0.19	0.17	0.15	0.15	0.17	0.17	0.16	0.16	0.19	0.22	0.19	0.17	0.15	0.16	0.16	0.16	0.15	0.18	0.22	0.2	0.18	0.16	0.15																	

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

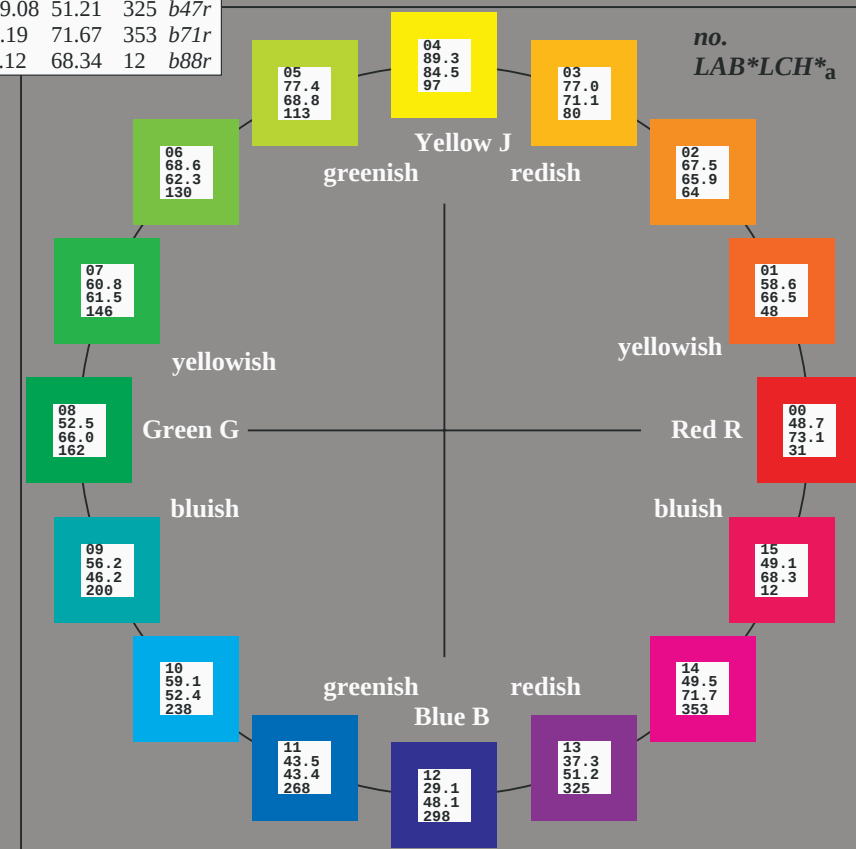
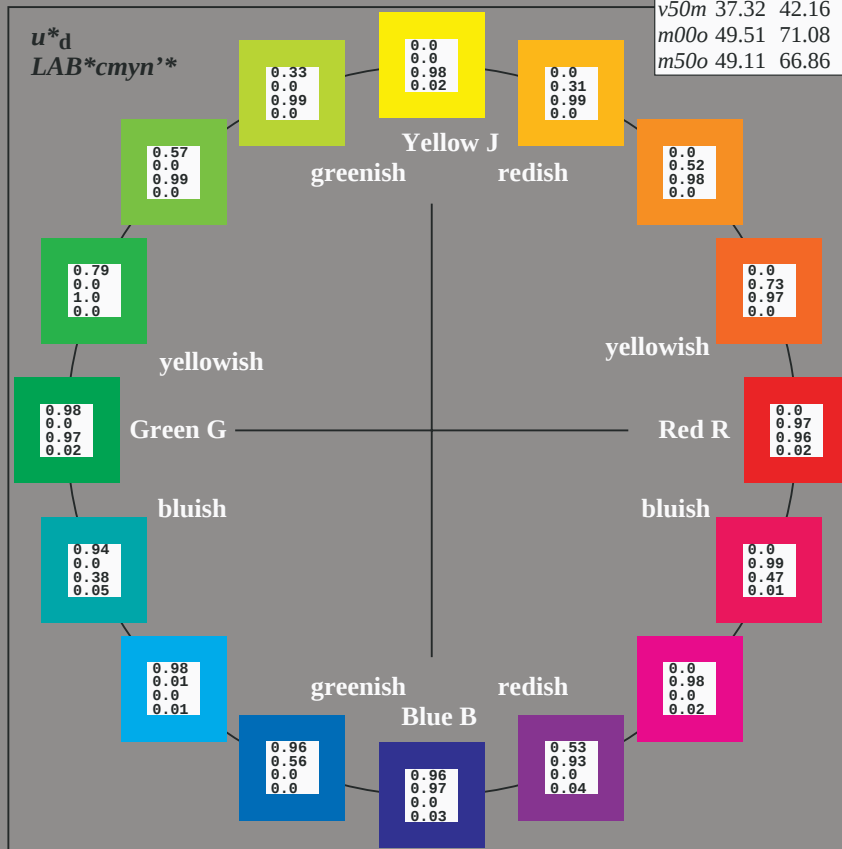
u^*_d and number *no.* = 00 .. 15
device hue text:
 u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
contrast reduction factor:
 $c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<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>



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

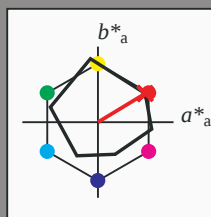
ORS20_95a; CIELAB data					
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
<i>O_M</i>	48.71	62.65	39.19	73.89	32
<i>Y_M</i>	89.25	-10.36	85.91	86.53	97
<i>L_M</i>	52.5	-62.88	21.3	66.38	161
<i>C_M</i>	59.15	-27.92	-42.97	51.24	237
<i>V_M</i>	29.13	23.07	-41.51	47.5	299
<i>M_M</i>	49.51	71.15	-7.9	71.59	354
<i>N_M</i>	20.0	0.47	0.76	0.89	58
<i>W_M</i>	95.0	-0.52	2.11	2.17	104
<i>O_CIE</i>	39.92	58.74	27.99	65.07	25
<i>Y_CIE</i>	81.26	-2.89	71.56	71.62	92
<i>L_CIE</i>	52.23	-42.42	13.6	44.55	162
<i>V_CIE</i>	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	$b88r$	

$\text{LAB}^*\text{cmy}n^*_{**}$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

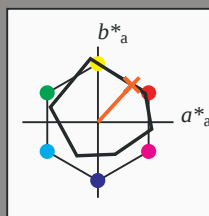
$i^*=0.20$

$i^*=0.00$

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

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

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

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

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

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^*	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	$b88r$	

$LAB^*cmy^n^*$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

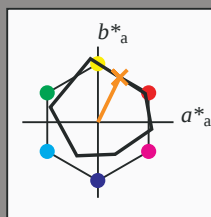
$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.178$
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^*	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	$b88r$	

$\text{LAB}^*\text{cmy}n^*_{**}$

$i^*=1.00$

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.223$
data for any colour:
 lab^*tch^* and lab^*icu^*

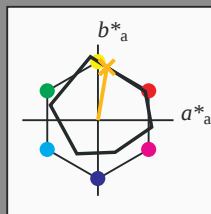
Hue texts:

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

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	$b88r$

$\text{LAB}^*\text{cmy}n^*_{**}$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

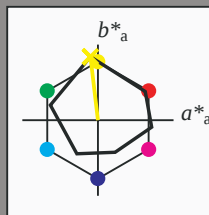
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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

$\text{LAB}^*\text{cmy}n^*_{\text{Ma}}$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

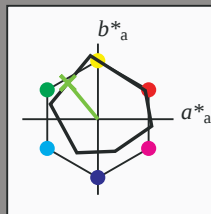
$i^*=0.20$

$i^*=0.00$

BAM registration: 20081001-Ee69/10L/L69E00FP.PS/.PDF BAM material: code=rh4ta4
- application for evaluation and measurement of printer or monitor systems

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

$u^*_{rel} = 83$

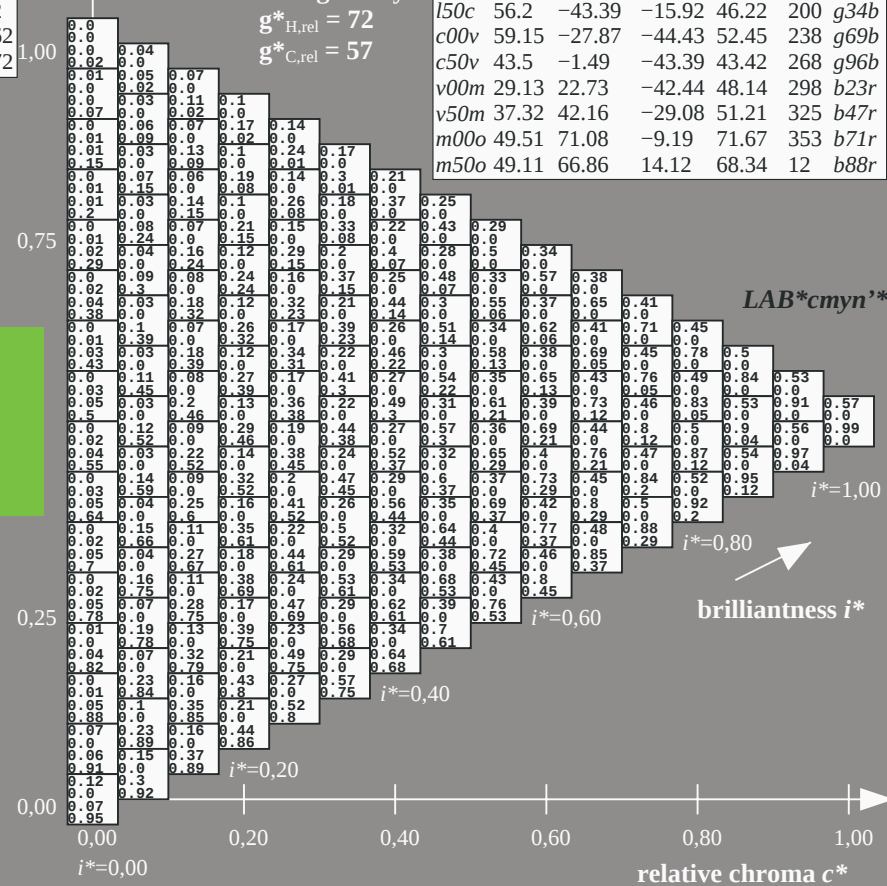
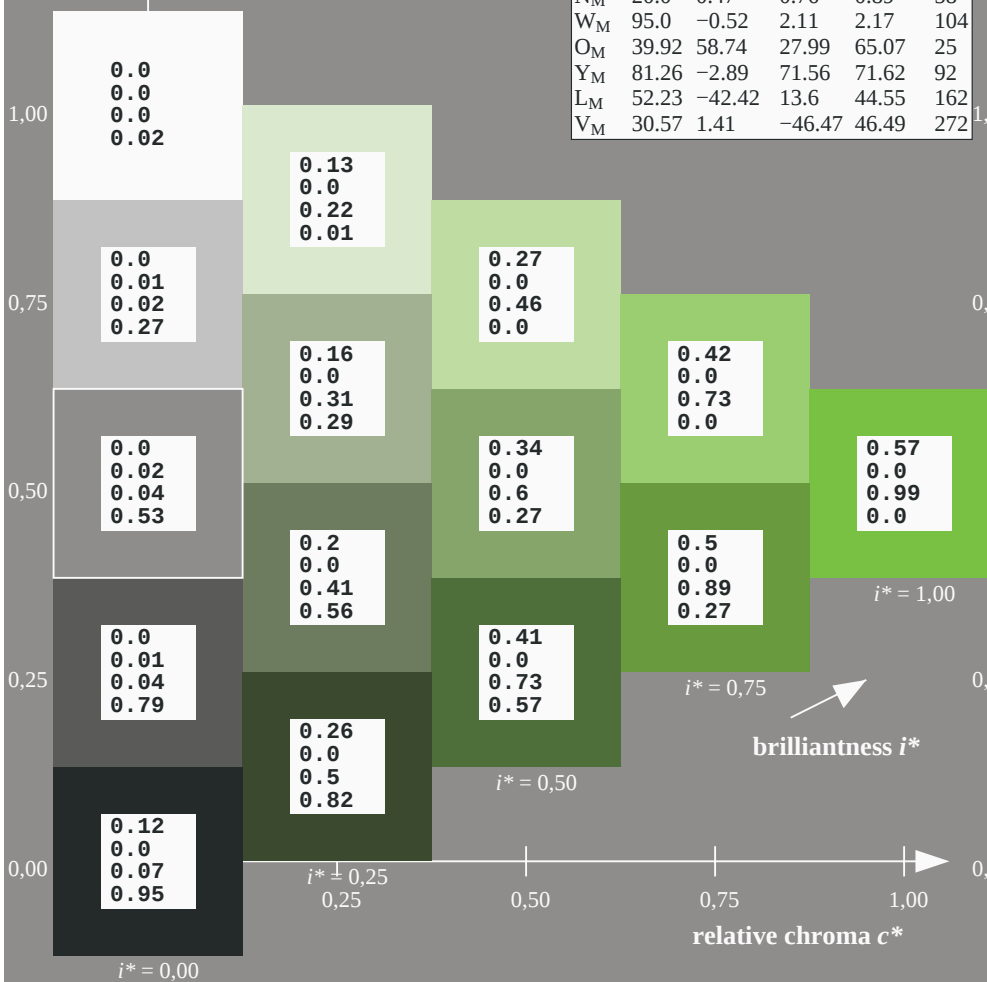
%Regularity

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

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

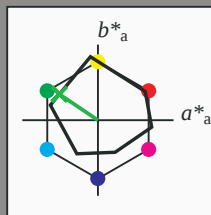
$u^*_d = y50l$
 $\text{LAB}^*\text{cmyn}^*_{**}$

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	



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

$u^*_{rel} = 83$

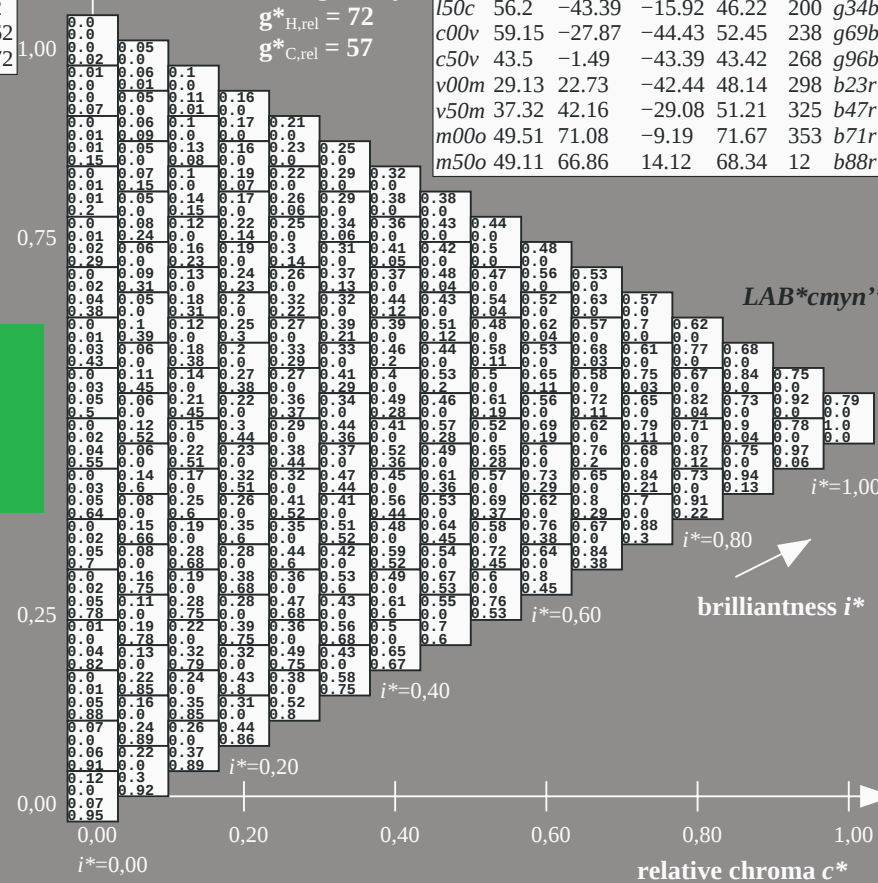
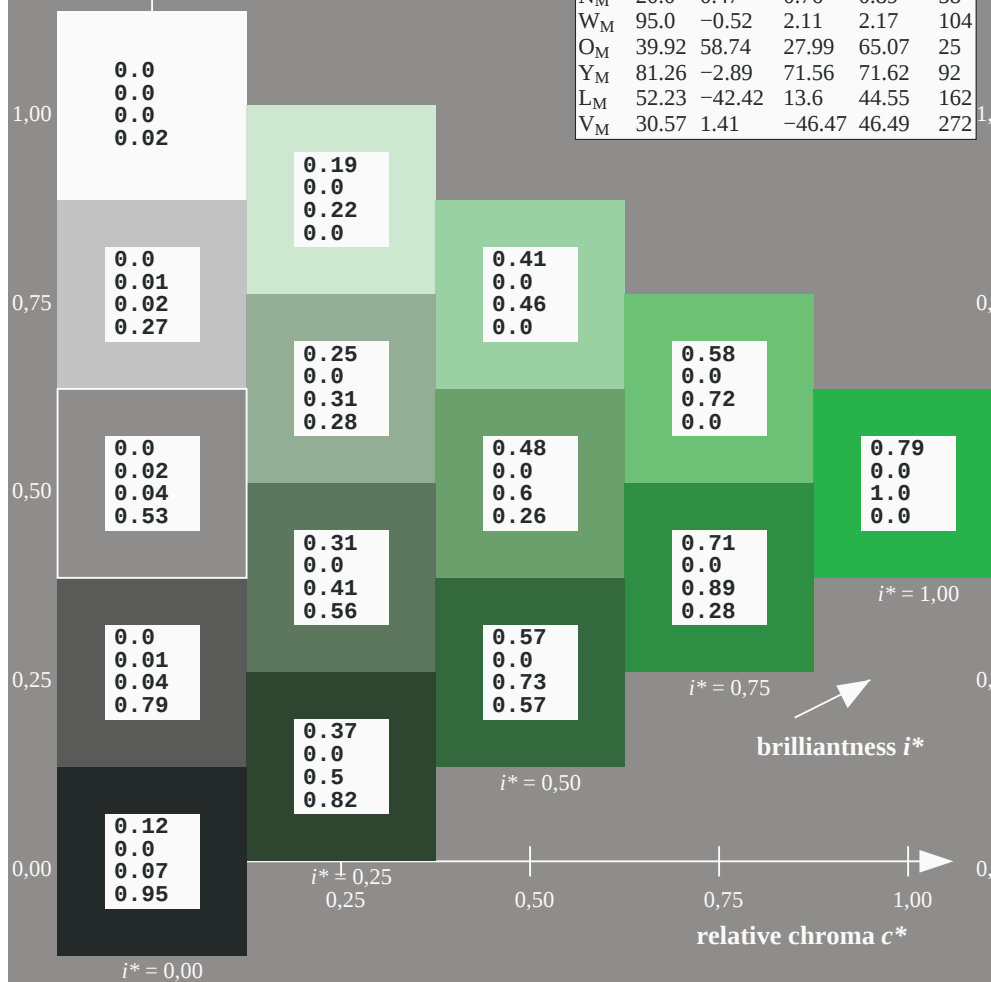
%Regularity

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

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

$u^*_d = y75l$
 $\text{LAB}^*\text{cmyn}^*_{**}$

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 $h^* = lab^*h^* = h_{ab}/360 = 0.451$ data for any colour:

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

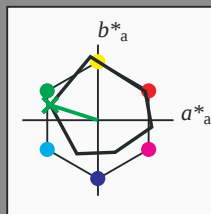
Hue texts:

$$u^*_d = 100c \quad u^*_e = 900b$$

contrast reduction factor:

$$c_D = 0.96$$
triangle lightness t^*

triangle rightness:



ORS20_95a; CIELAB data						
u^*_d	L^*_{-T}	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**_{Ma}: 52 -63 20

LAB*LCH*M₃: 52 66 162

*lab*ply*Ma: 0.0 1.0 0.0*

*lab*rah**_M: 0.0 1.0 0.0

triangle lightness *#

triangle lightness t

%Gamut

% Regularity

$$g_{\text{H rel}}^* = 72$$
$$g^*_{C,rel} = 57$$

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>	

*LAB*cmvn'**

 $i^* = 1,00$ brilliantness *i**brilliantness i^* relative chroma c^*

BAM-test chart Ee69; Colorimetric systems, Page 190/198
D65: colour scales and 9 data tables for 16 hues 000° to $m750^\circ$

input: 000n / w / nnn0 / www set...
output: ->LAB*->cmyn6* setcmyk

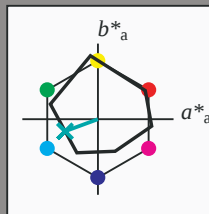
BAM registration: 20081001-Ee69/10/L/69E00FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: <http://www.ps.bam.de/Ee69/>; www.ps.bam.de/Ee.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=1

BAM material: code=rh4ta

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; 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):

$LAB^*LAB^*_Ma$: 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

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

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

$u^*_d = l50c$
 $LAB^*cmy^n^*$

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.745$

data for any colour:

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

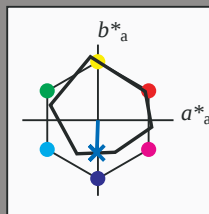
Hue texts:

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

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*_a$	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	$L^*=L^*_a$	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 $h^* = lab^*h^* = h_{ab}/360 = 0.828$

data for any colour:

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

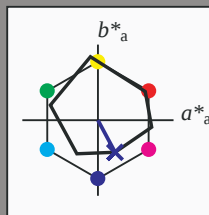
Hue texts:

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

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*_a$	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):

$LAB^*LAB^*_Ma$: 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

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

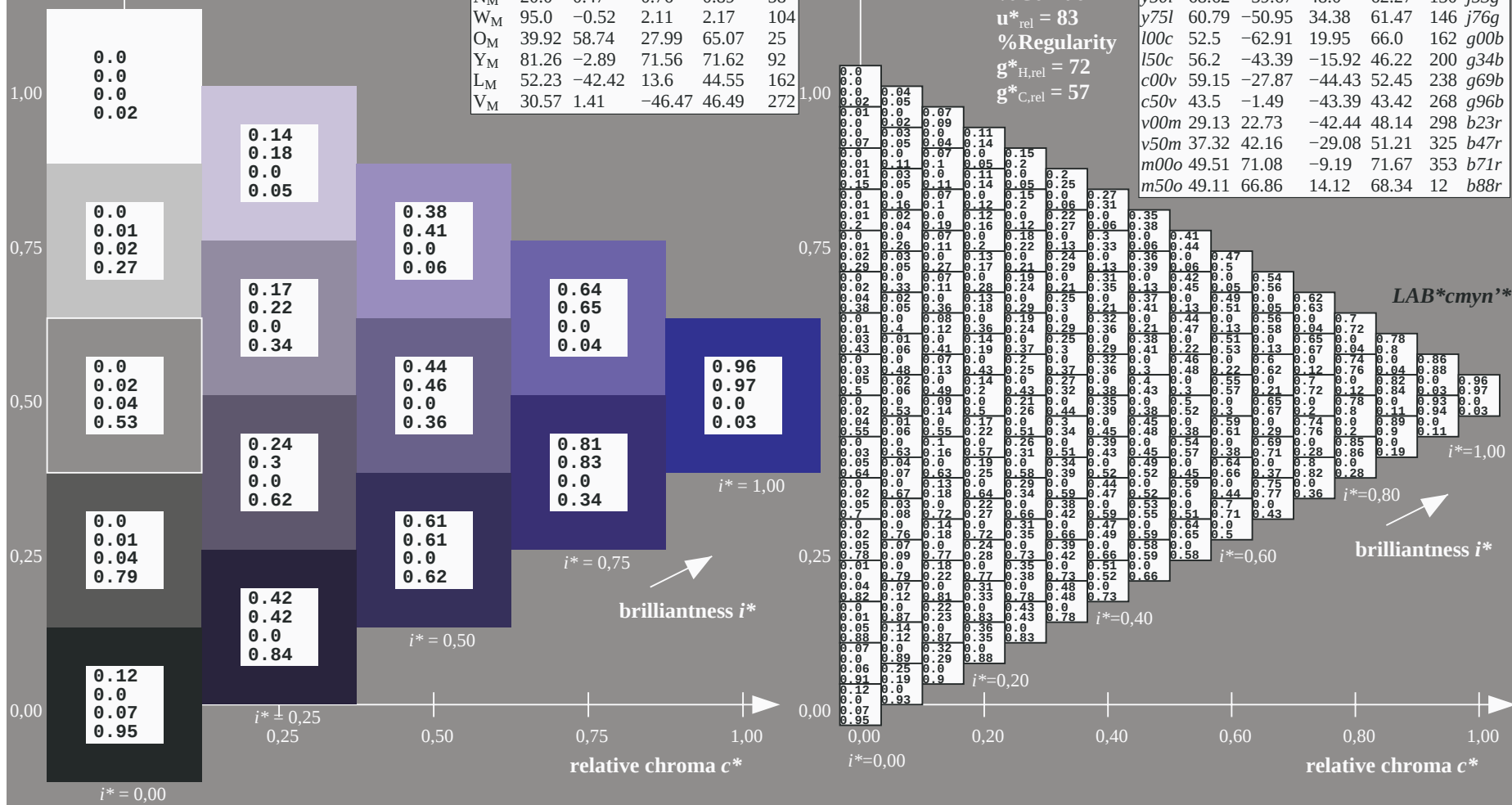
$g^*_{C,rel} = 57$

$u^*_d = v00m$

LAB^*cmyn^*

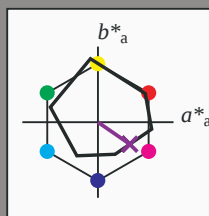
ORS20_95a; adapted (a) CIELAB data

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.904$
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	$L^*=L^*_a$	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

$u^*_{rel} = 83$

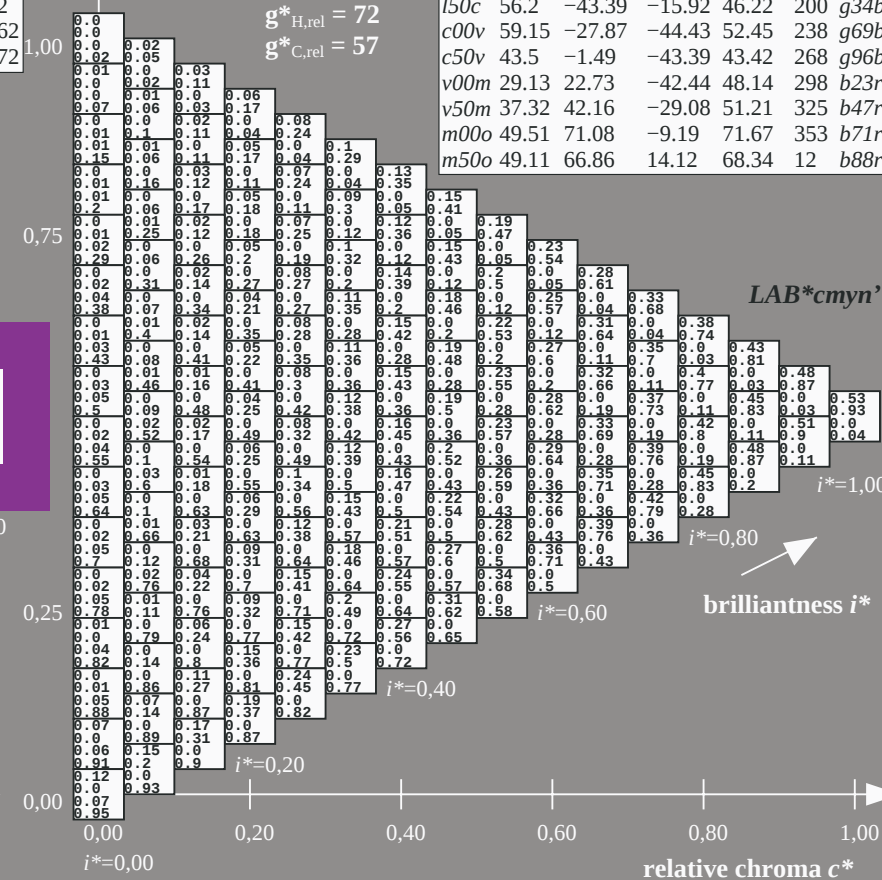
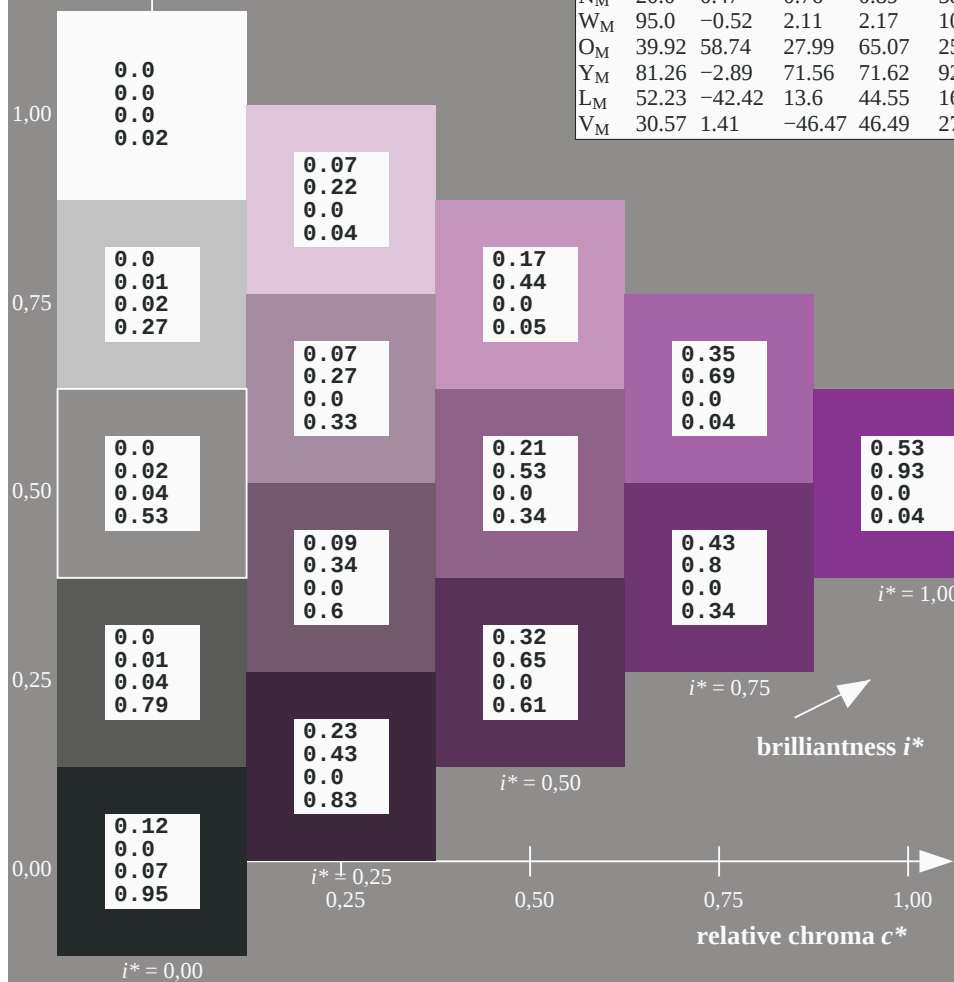
%Regularity

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

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

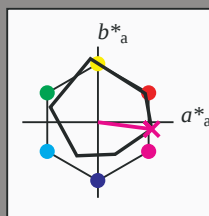
$u^*_d = v50m$
 $\text{LAB}^*\text{cmyn}^*_{**}$

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.98$
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	$L^*=L^*_a$	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	$b88r$	

$\text{LAB}^*\text{cmy}n^*_{**}$

$i^* = 1.00$

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 $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.033$

data for any colour:

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

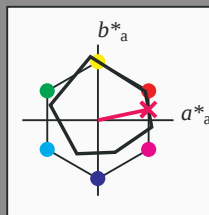
Hue texts:

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

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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 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

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

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

$u^*_d = m50o$
 $\text{LAB}^*\text{cmyn}^*$

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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

[illegible]