

Input and output:

Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

device hue text:

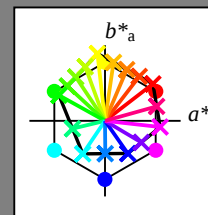
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



%Gamut

$u^*_{rel} = 87$

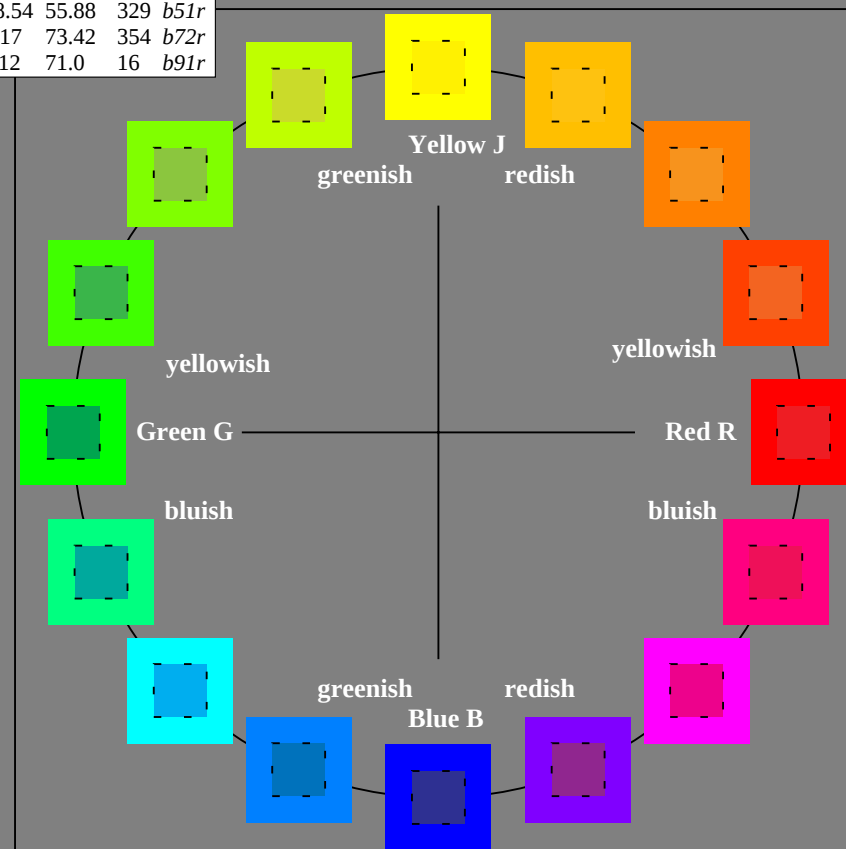
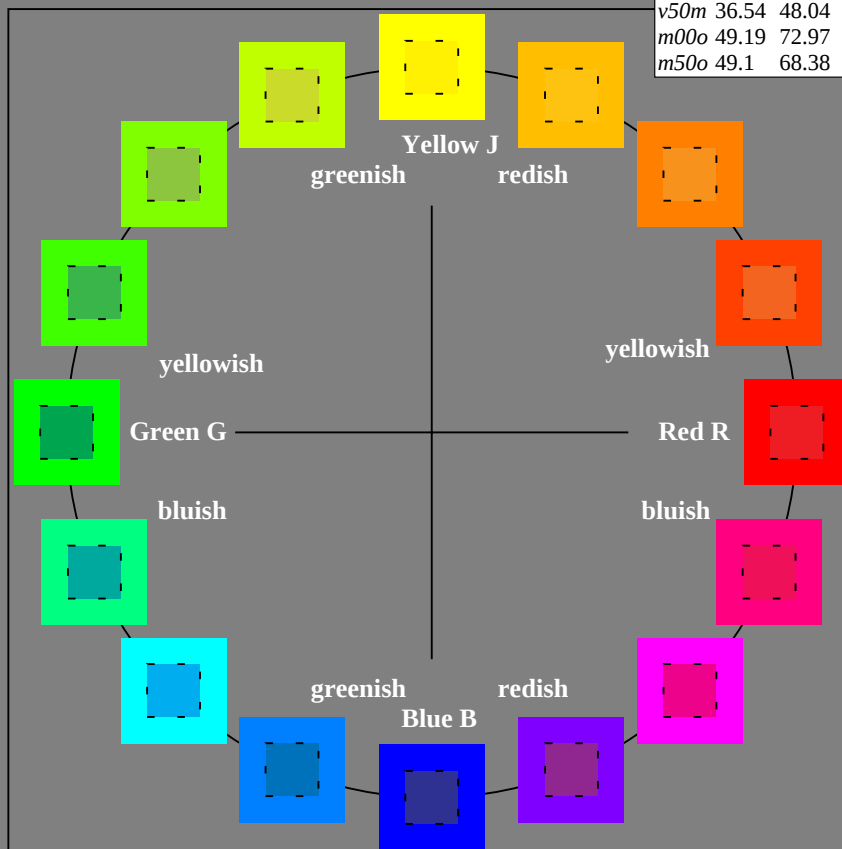
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

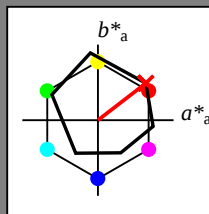
Hue texts:

$u^*_d = o00y$ $u^*_e = r18j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 49

$LAB^*LCH^*_{Ma}$: 49 80 37

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

$lab^*rgb^*_{Ma}$: 1.0 0.18 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

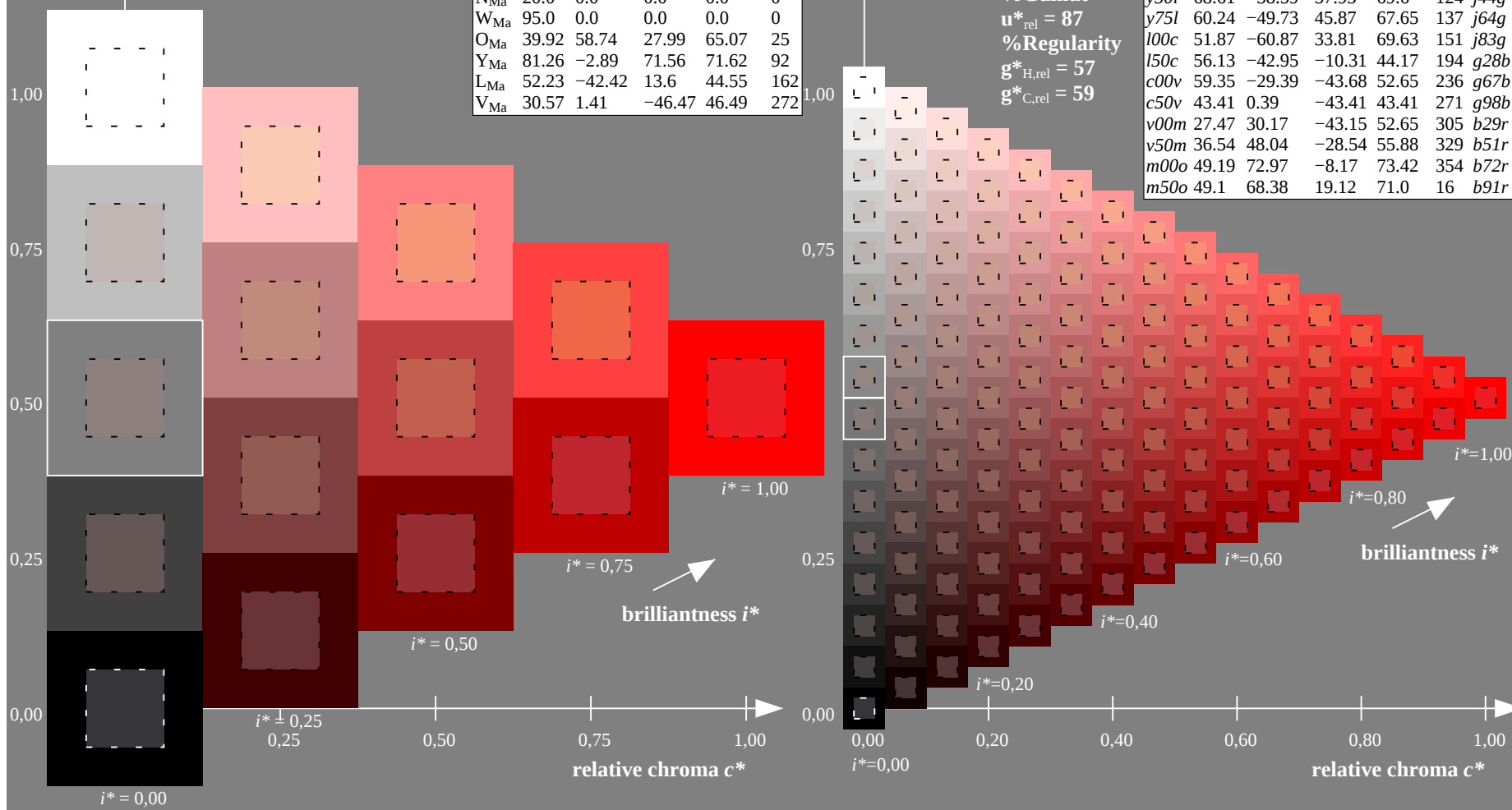
%Regularity

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

$g^*_{C,rel} = 59$

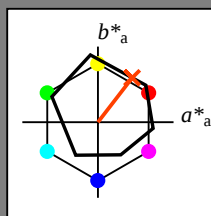
ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o25y$ $u^*_e = r40j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



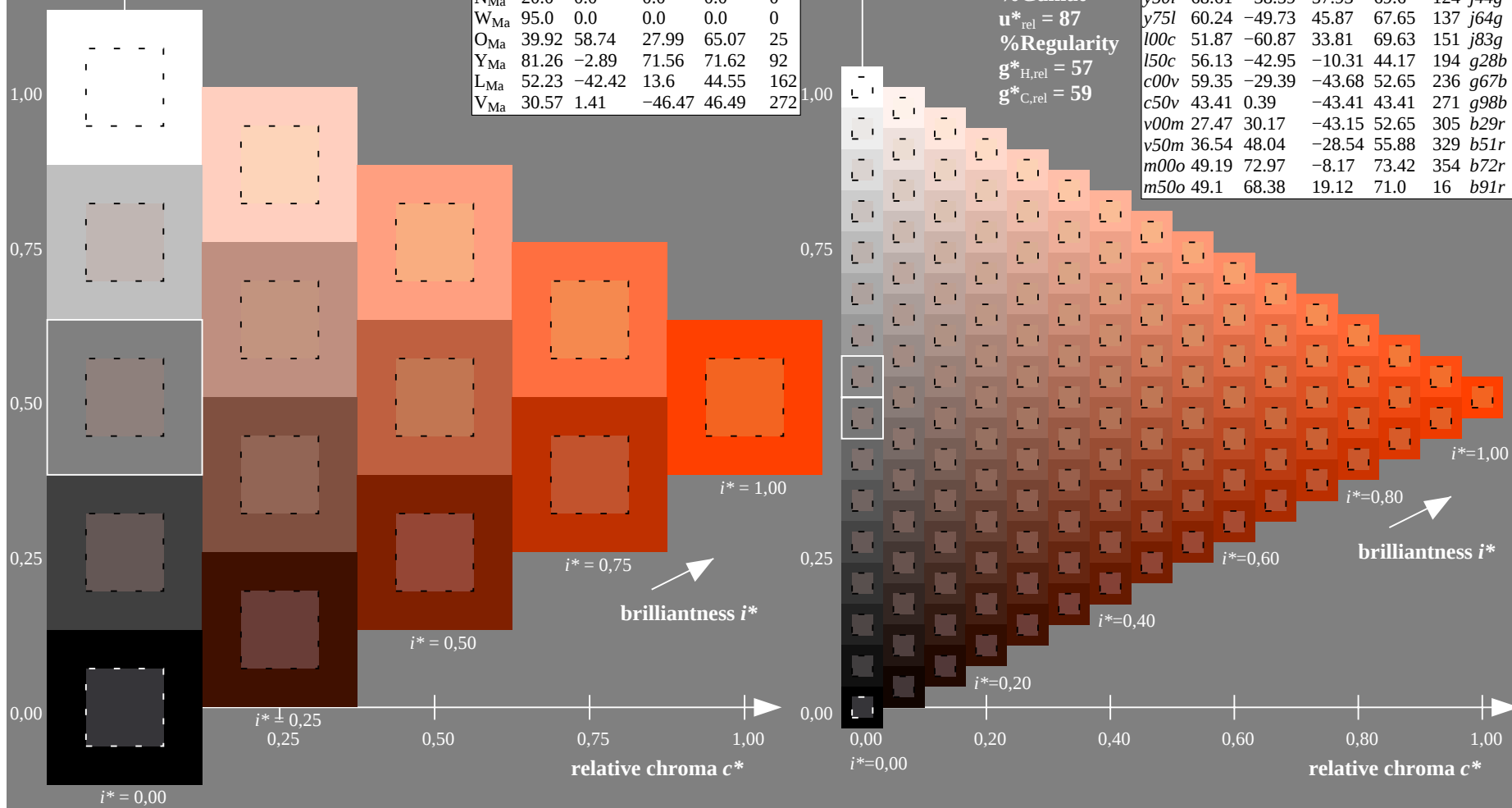
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 59
 $LAB^*LCH^*_{Ma}$: 59 74 52
 $lab^*olv^*_{Ma}$: 1.0 0.25 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.4 0.0
triangle lightness t^*

%Gamut
 $u^*_{rel} = 87$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$

data for any colour:

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

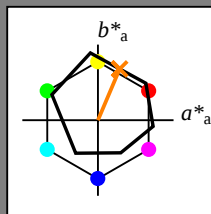
Hue texts:

$u^*_d = o50y$ $u^*_e = r62j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 68

$LAB^*LCH^*_{Ma}$: 68 74 67

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

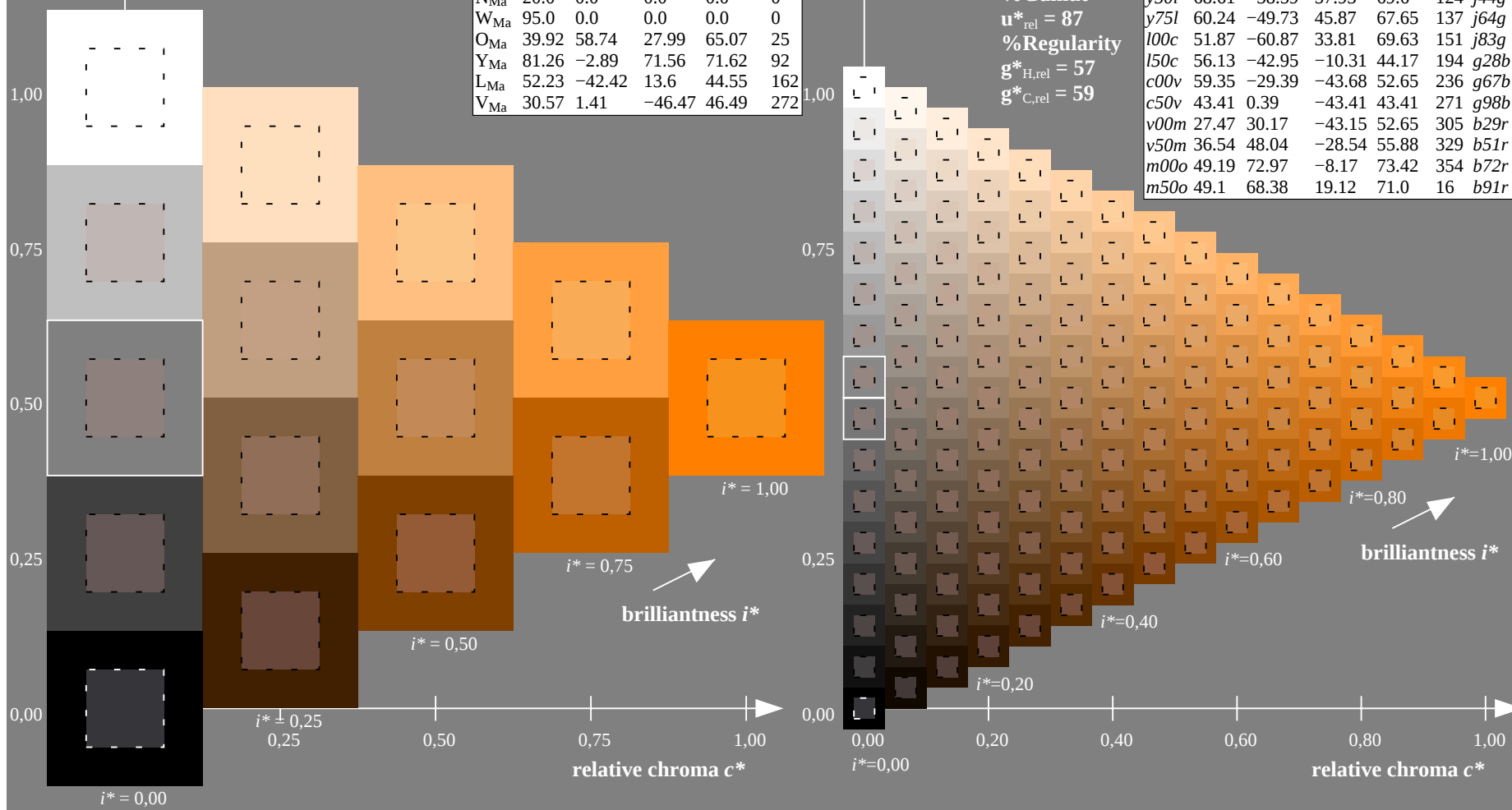
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$

data for any colour:

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

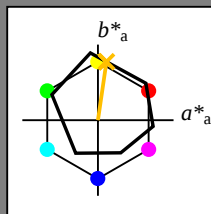
Hue texts:

$u^*_d = o75y$ $u^*_e = r83j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 11 77

$LAB^*LCH^*_{Ma}$: 78 78 81

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

$lab^*rgb^*_{Ma}$: 1.0 0.84 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

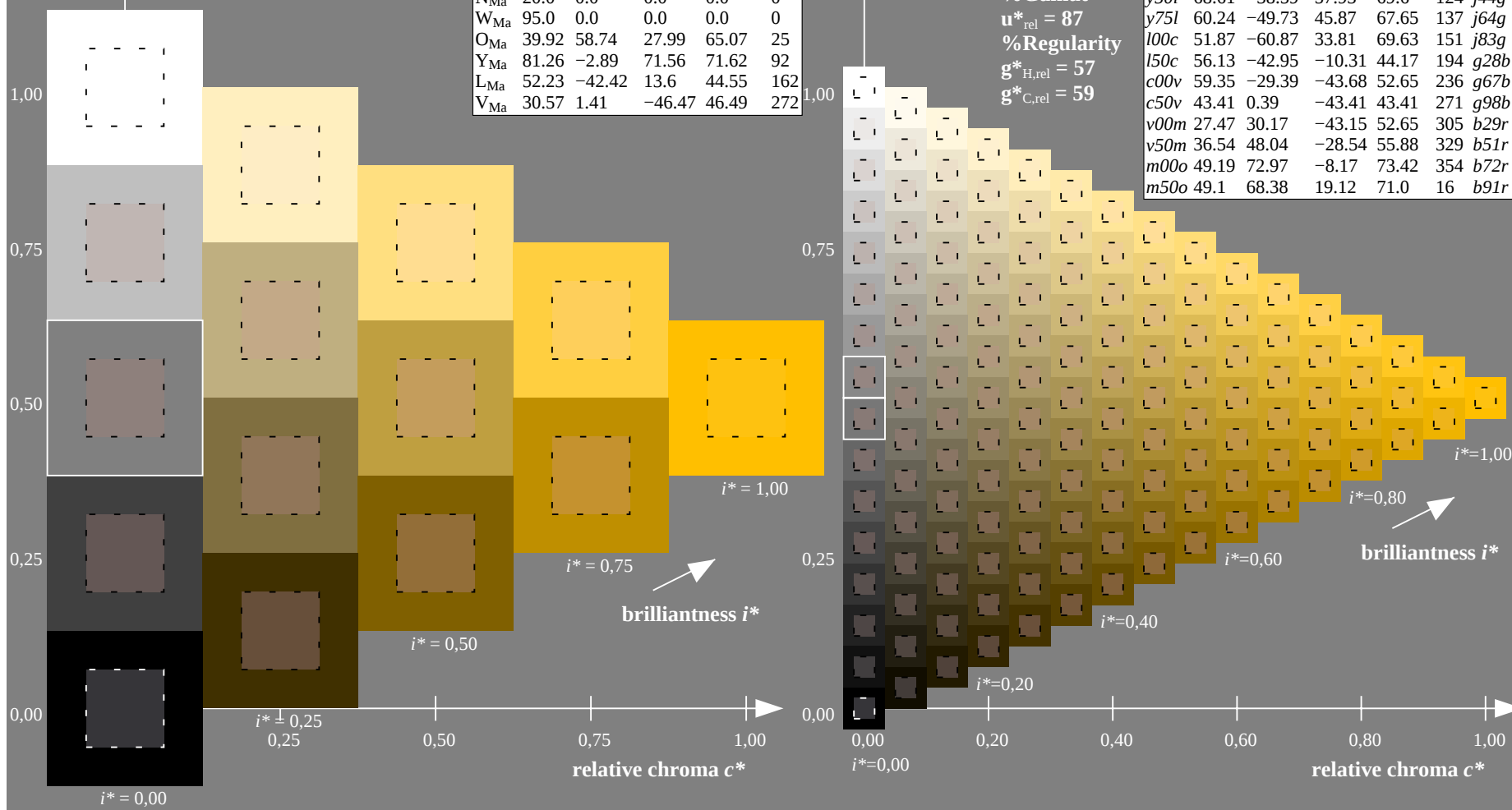
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38		r18j
o25y	59.11	45.34	58.73	74.2	52		r40j
o50y	68.41	28.75	67.79	73.63	67		r62j
o75y	78.21	11.28	77.33	78.15	82		r83j
y00l	90.12	-9.95	88.92	89.48	96		j06g
y25l	78.02	-26.06	71.49	76.09	110		j25g
y50l	68.61	-38.59	57.93	69.6	124		j44g
y75l	60.24	-49.73	45.87	67.65	137		j64g
l00c	51.87	-60.87	33.81	69.63	151		j83g
l50c	56.13	-42.95	-10.31	44.17	194		g28b
c00v	59.35	-29.39	-43.68	52.65	236		g67b
c50v	43.41	0.39	-43.41	43.41	271		g98b
v00m	27.47	30.17	-43.15	52.65	305		b29r
v50m	36.54	48.04	-28.54	55.88	329		b51r
m00o	49.19	72.97	-8.17	73.42	354		b72r
m50o	49.1	68.38	19.12	71.0	16		b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

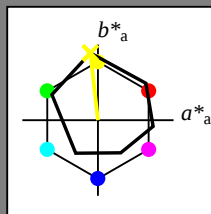
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 90 -10 89

$LAB^*LCH^*_{Ma}$: 90 89 96

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

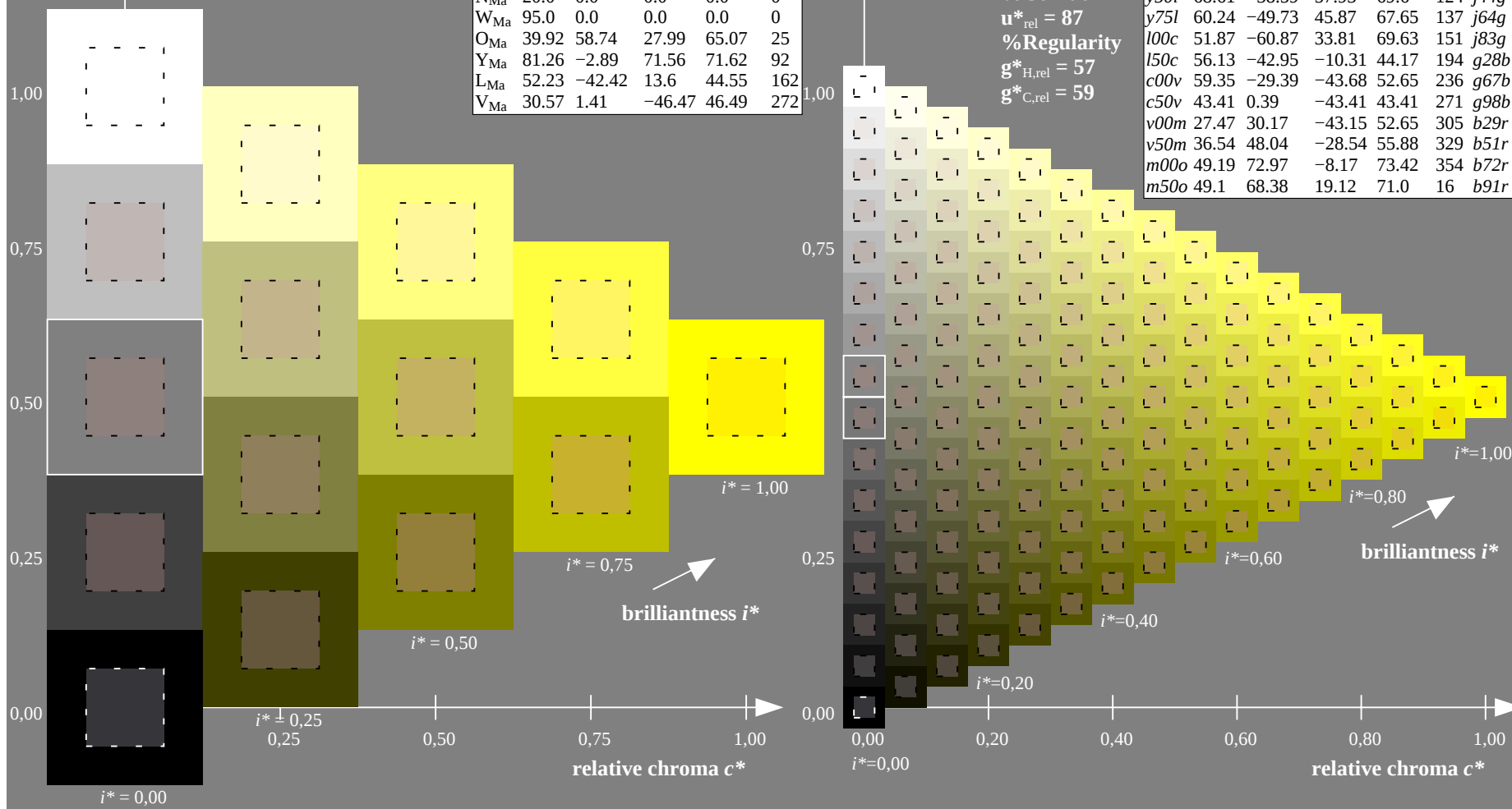
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

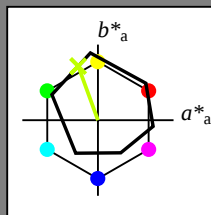
Hue texts:

$u^*_d = y25l$ $u^*_e = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 -26 71

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

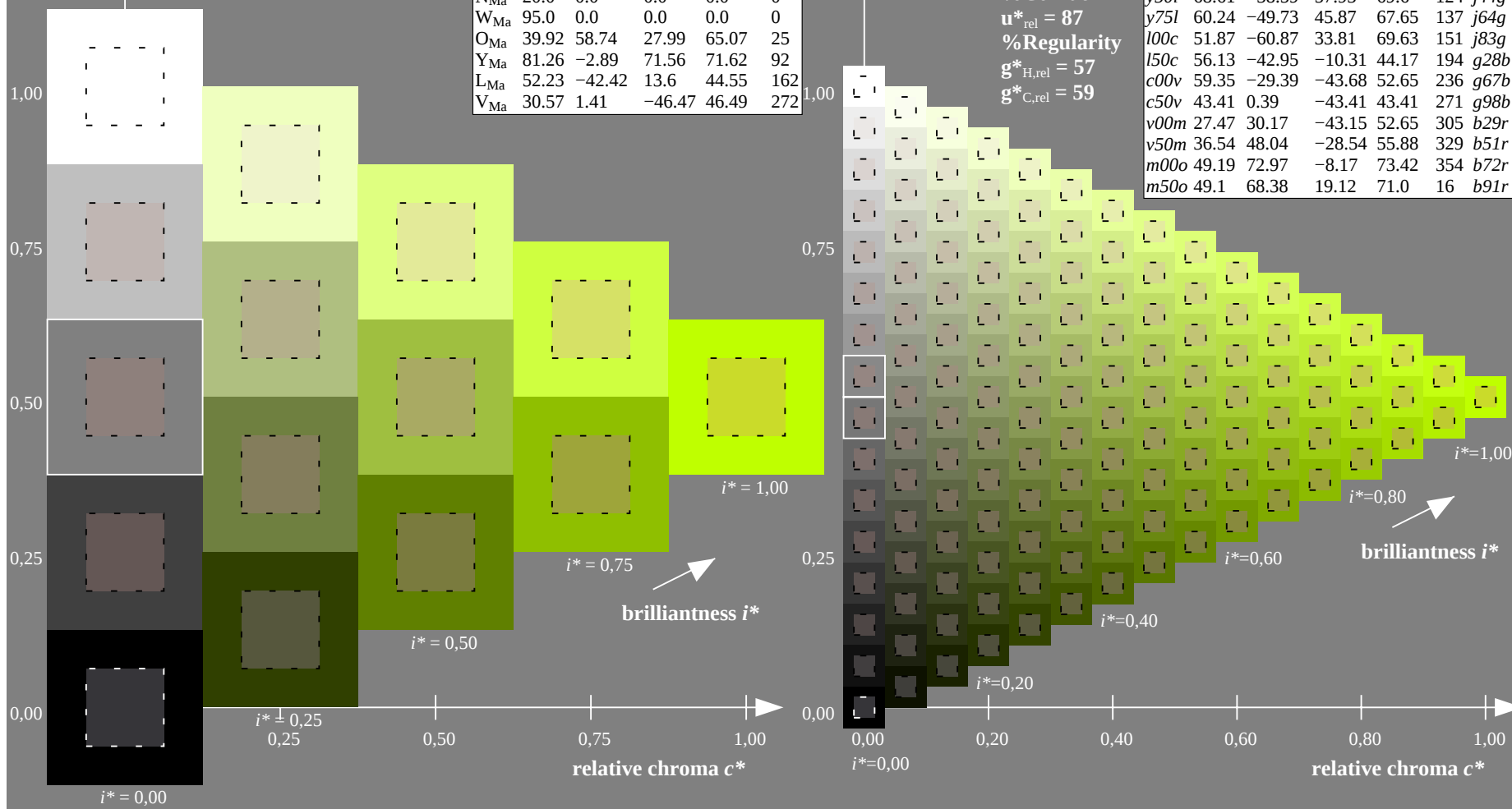
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

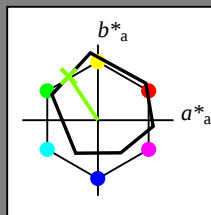
Hue texts:

$u^*_d = y50l$ $u^*_e = j44g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -39 58

$LAB^*LCH^*_{Ma}$: 69 70 123

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

$lab^*rgb^*_{Ma}$: 0.55 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

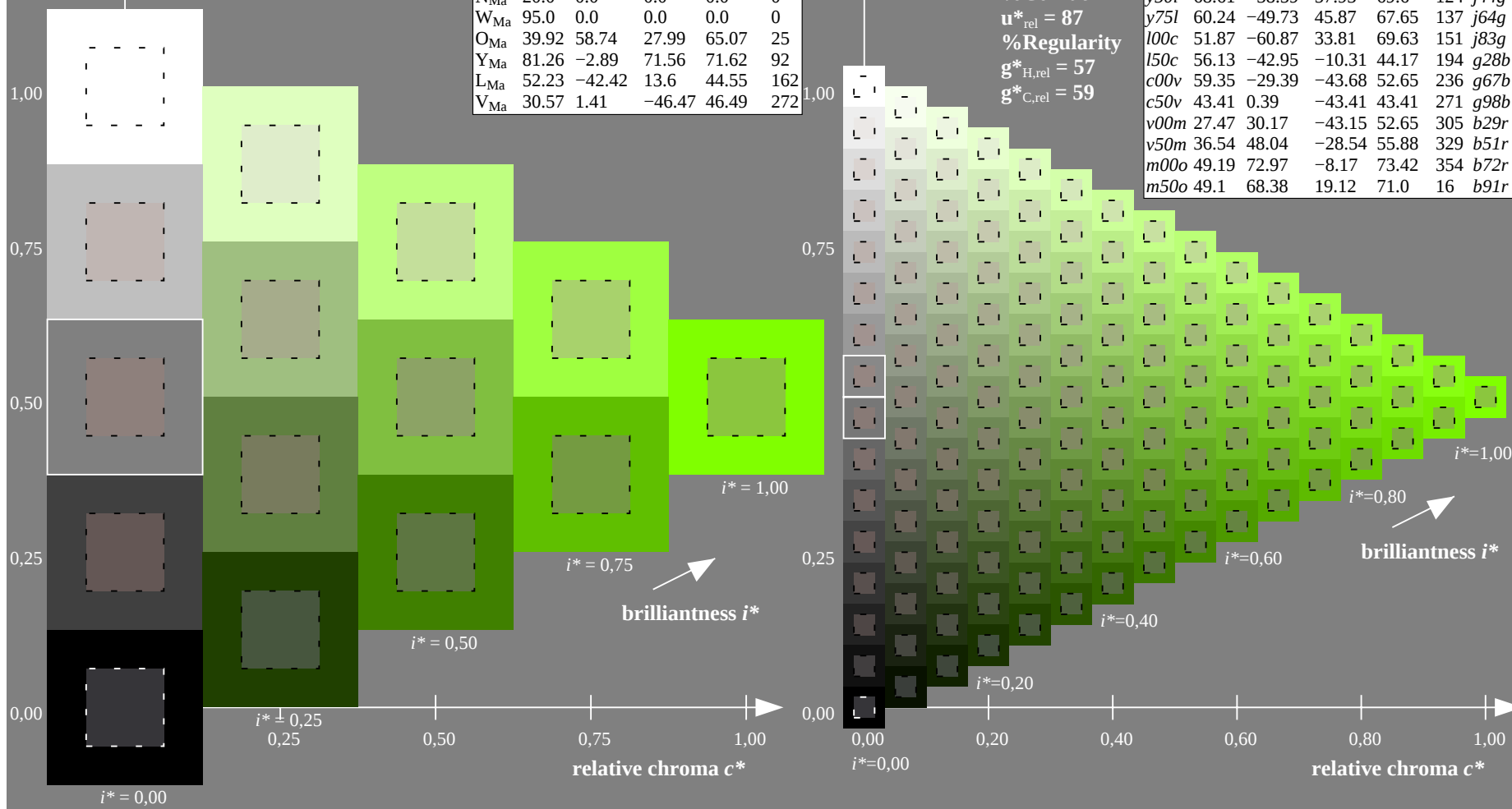
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:

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

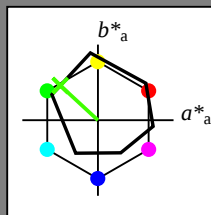
Hue texts:

$u^*_d = y75l$ $u^*_e = j64g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 60 -50 46

$LAB^*LCH^*_{Ma}$: 60 68 137

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

$lab^*rgb^*_{Ma}$: 0.36 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

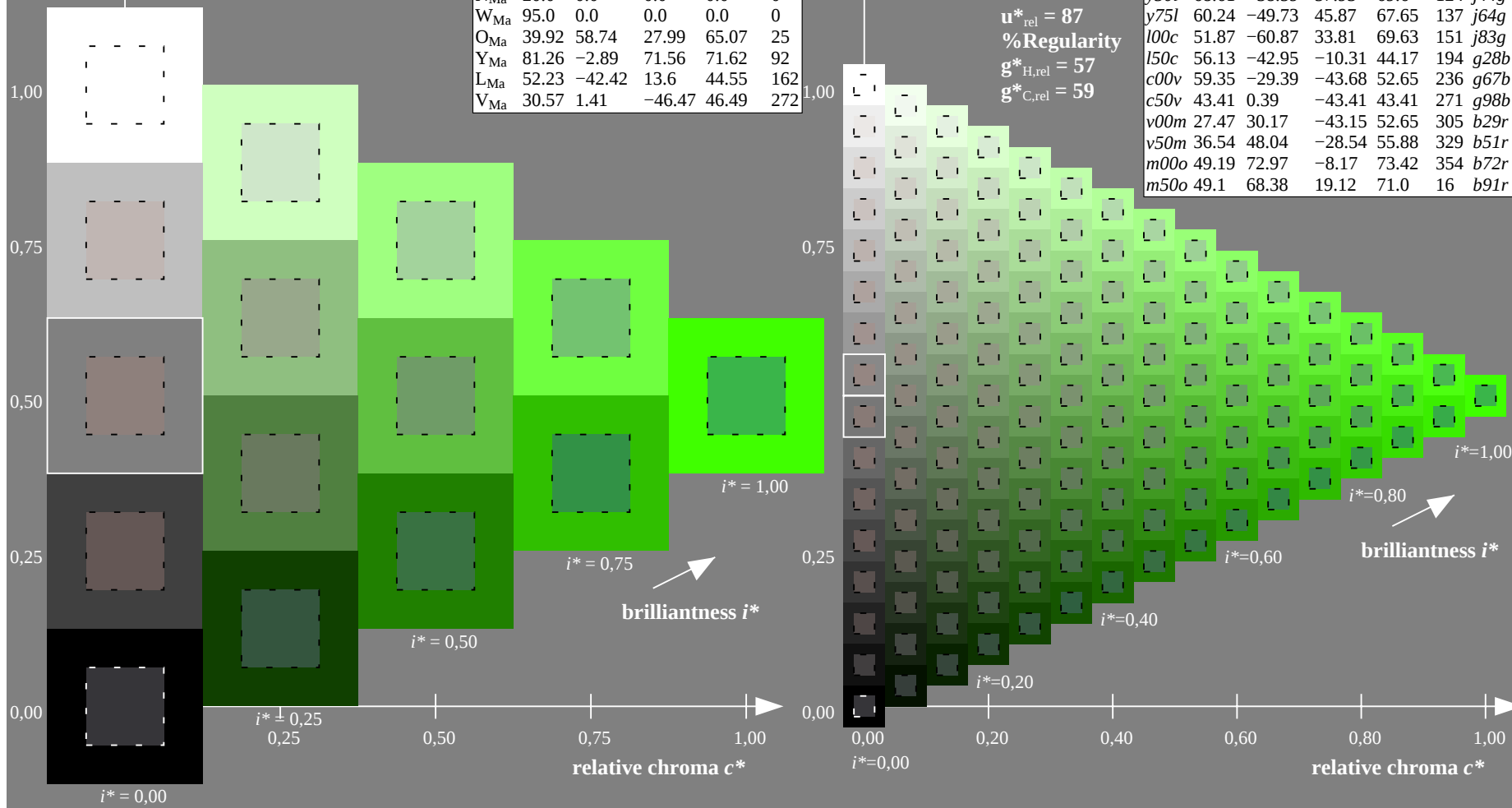
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

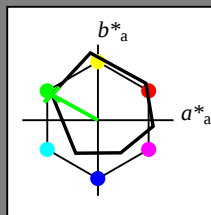
Hue texts:

$u^*_d = 100c$ $u^*_e = j83g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -61 34

$LAB^*LCH^*_{Ma}$: 52 70 150

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

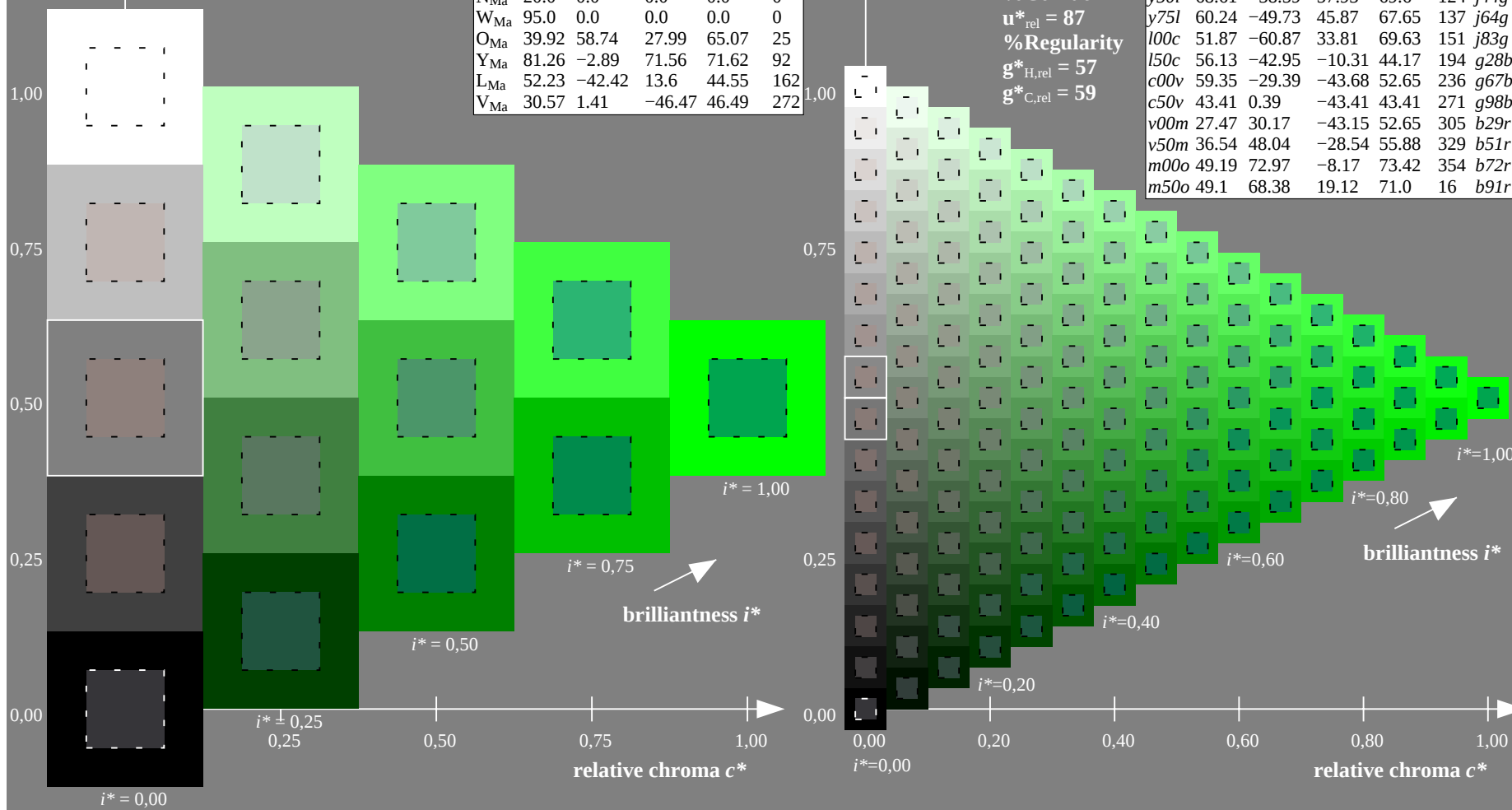
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$

data for any colour:

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

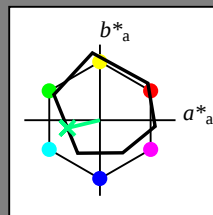
Hue texts:

$u^*_d = 150c$ $u^*_e = g28b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -10

$LAB^*LCH^*_{Ma}$: 56 44 193

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

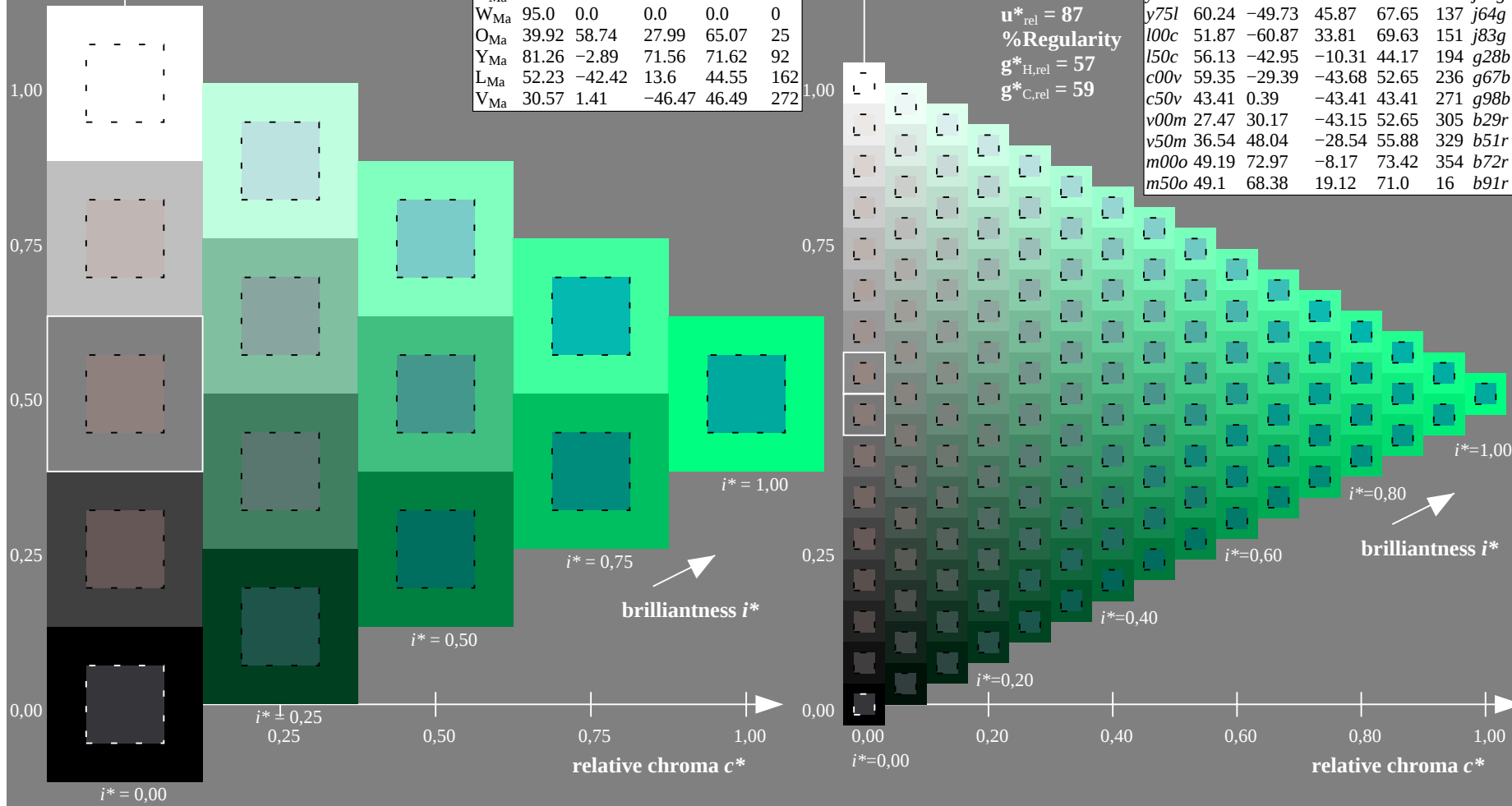
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

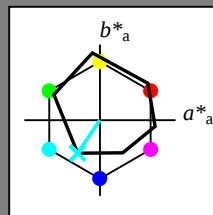
Hue texts:

$u^*_d = c00v$ $u^*_e = g67b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -29 -44

$LAB^*LCH^*_{Ma}$: 59 53 236

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

$lab^*rgb^*_{Ma}$: 0.0 0.65 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

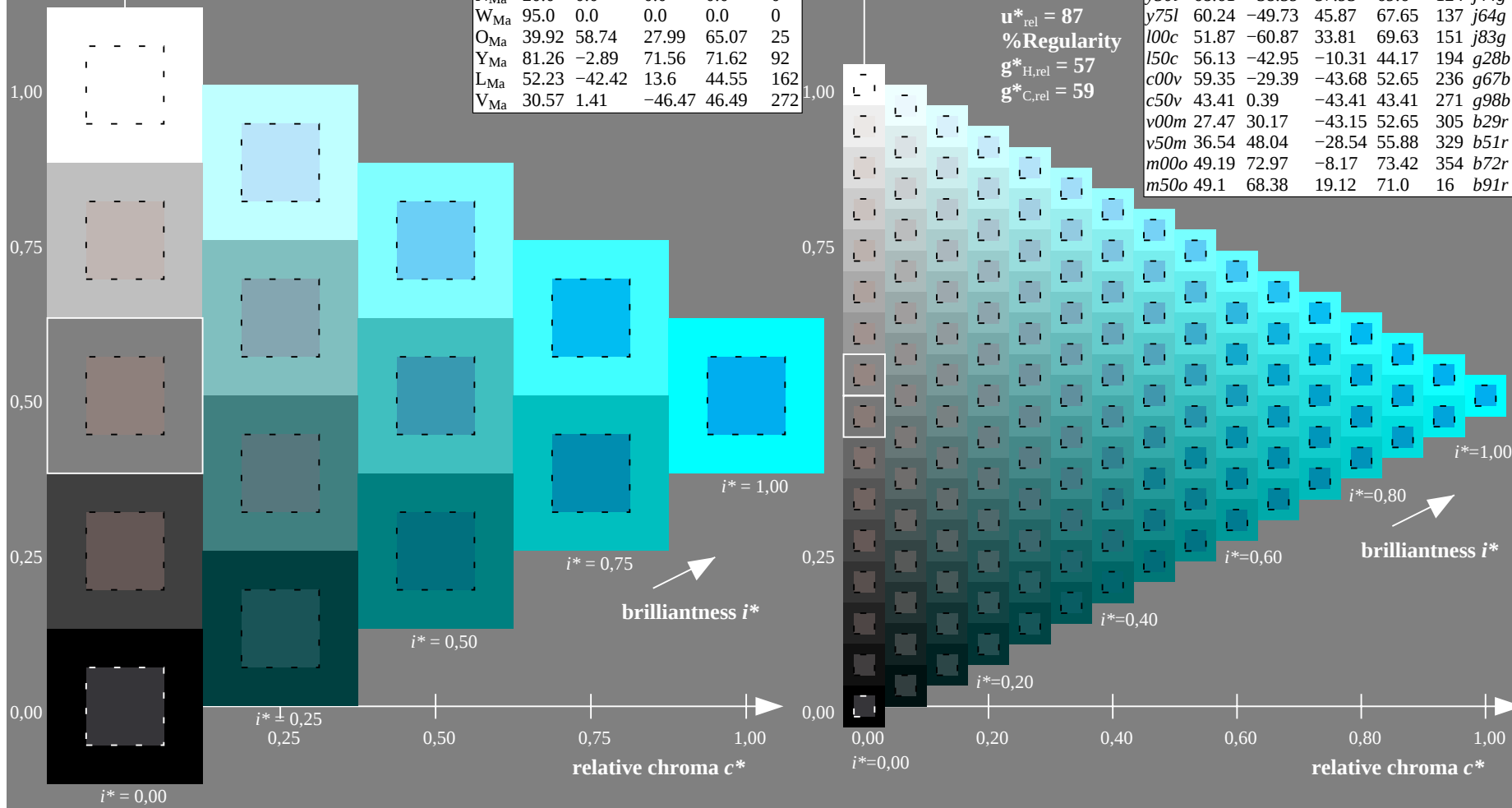
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = c00v$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

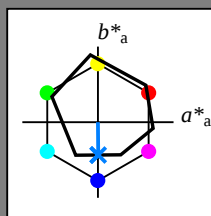
Hue texts:

$u^*_d = c50v$ $u^*_e = g98b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 0 -43

$LAB^*LCH^*_{Ma}$: 43 43 270

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

$lab^*rgb^*_{Ma}$: 0.0 0.02 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

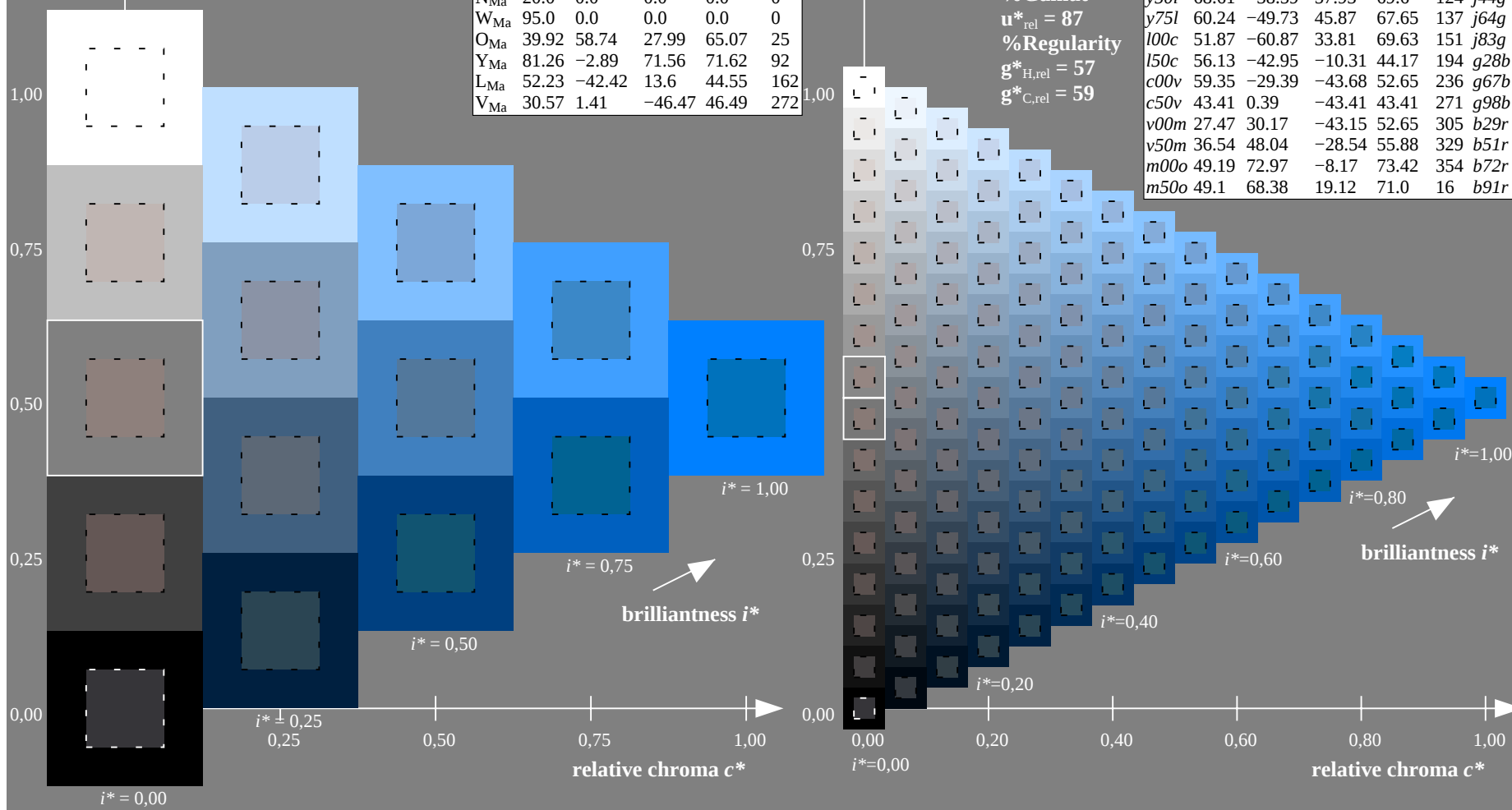
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = c50v$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$

data for any colour:

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

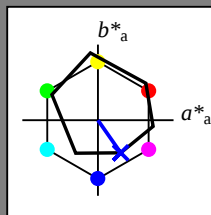
Hue texts:

$u^*_d = v00m$ $u^*_e = b29r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 27 30 -43

LAB^*LCH^*Ma : 27 53 304

lab^*olv^*Ma : 0.0 0.0 1.0

lab^*rgb^*Ma : 0.58 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

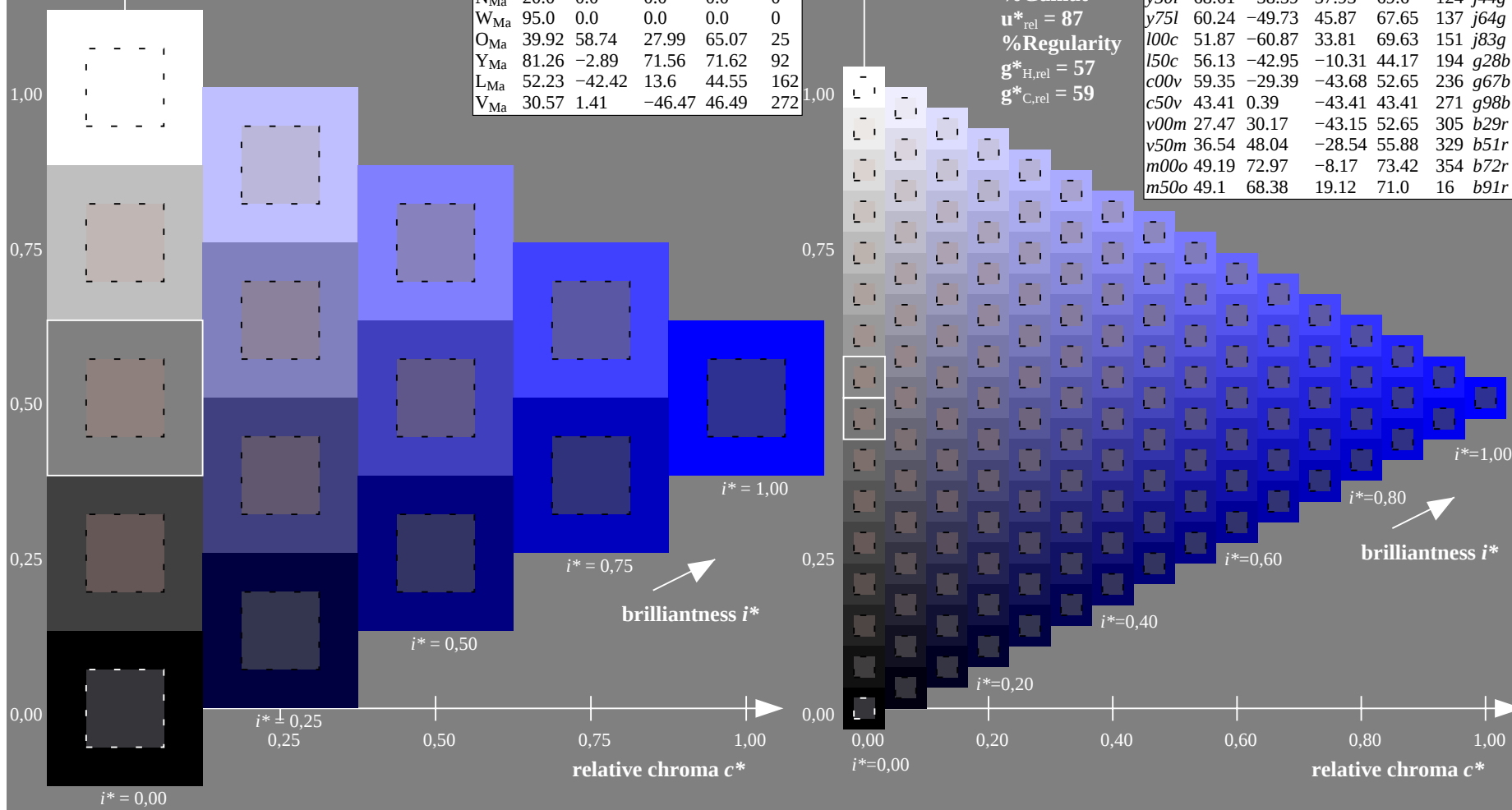
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = v00m$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$

data for any colour:

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

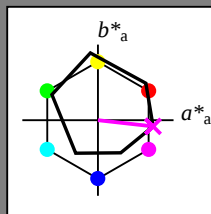
Hue texts:

$u^*_d = m00o$ $u^*_e = b72r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 73 -8

$LAB^*LCH^*_{Ma}$: 49 73 353

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.56

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

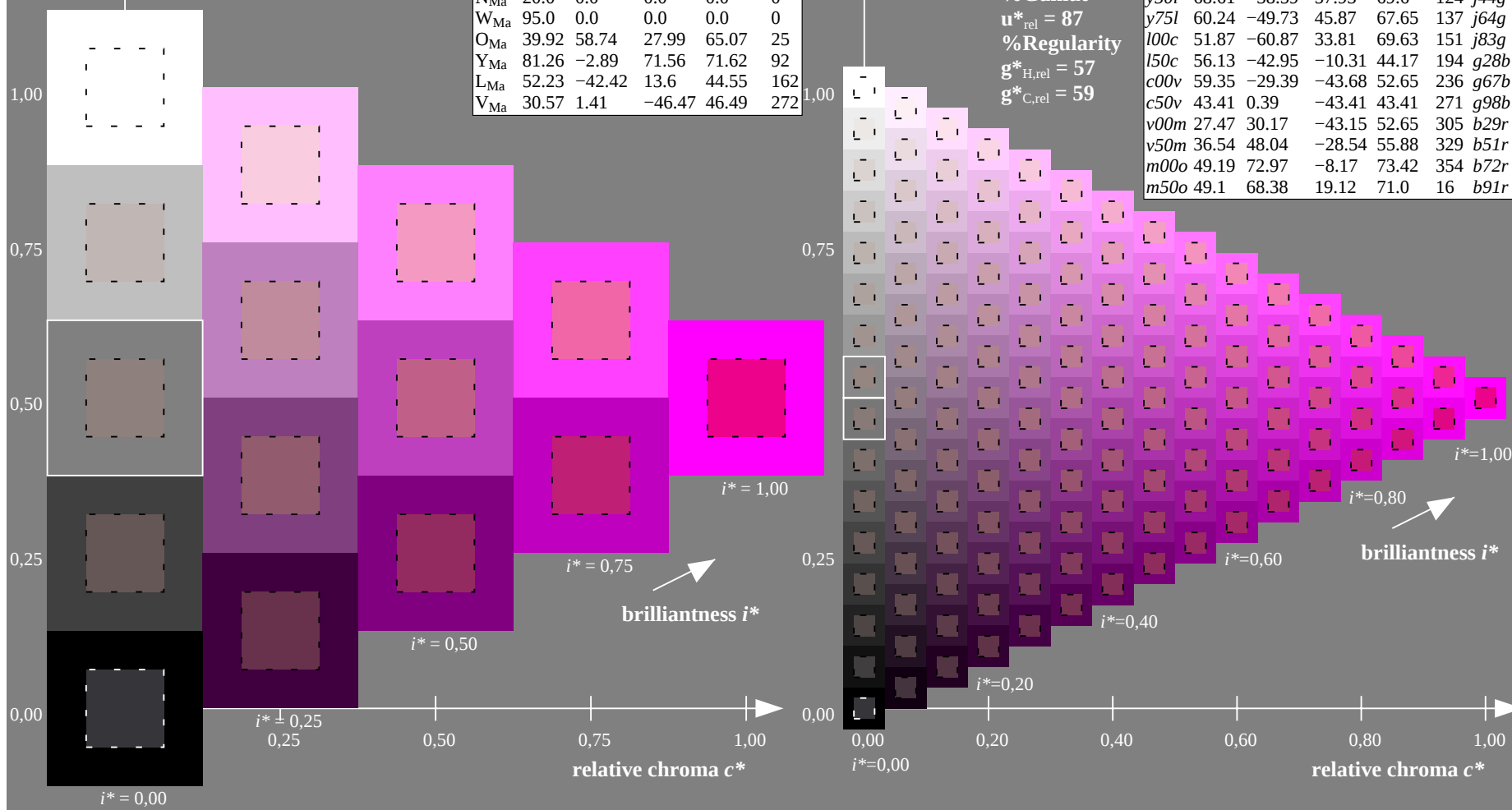
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = m00o$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

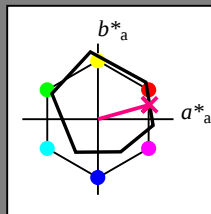
Hue texts:

$u^*_d = m50o$ $u^*_e = b91r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 68 19

$LAB^*LCH^*_{Ma}$: 49 71 15

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.17

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

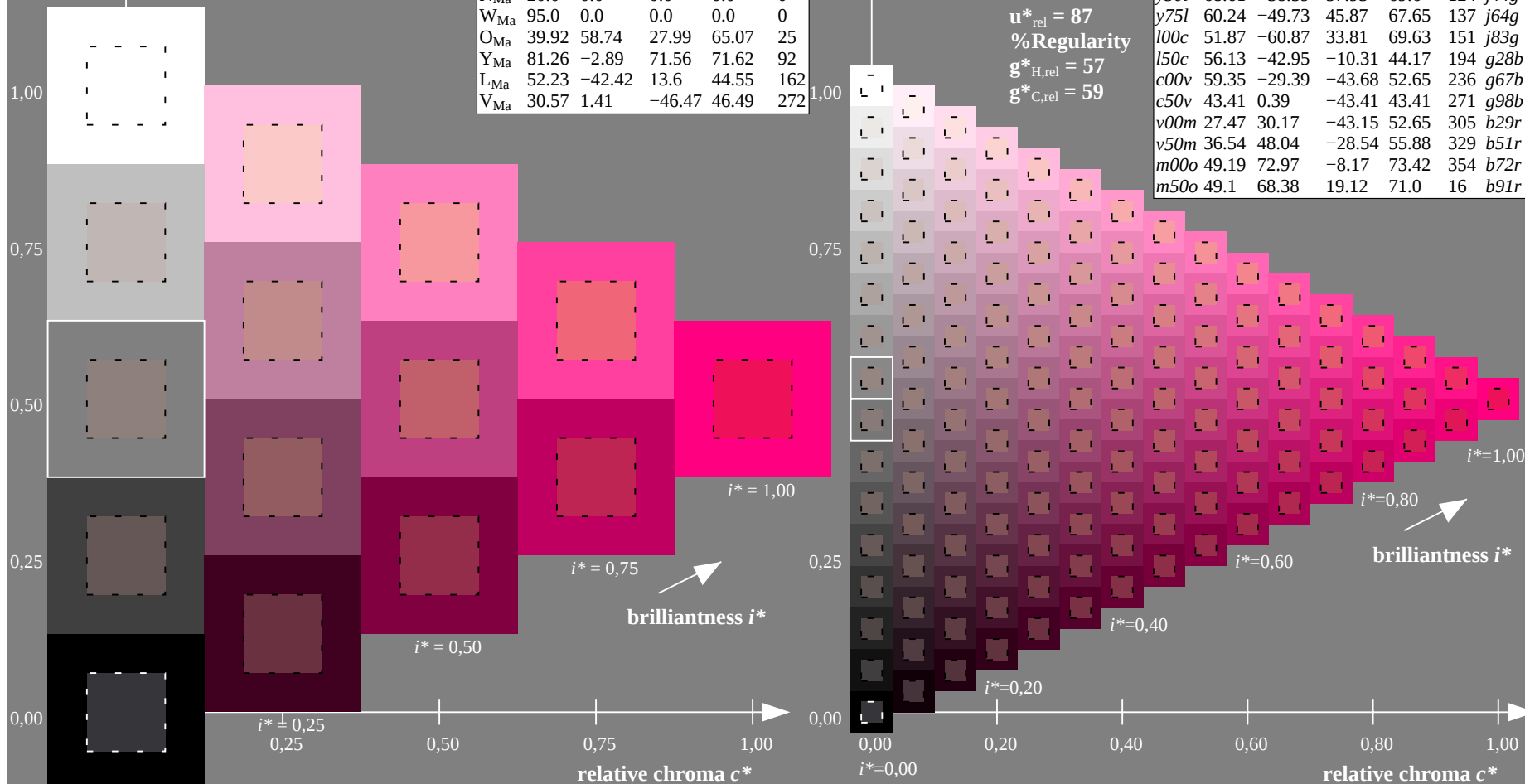
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

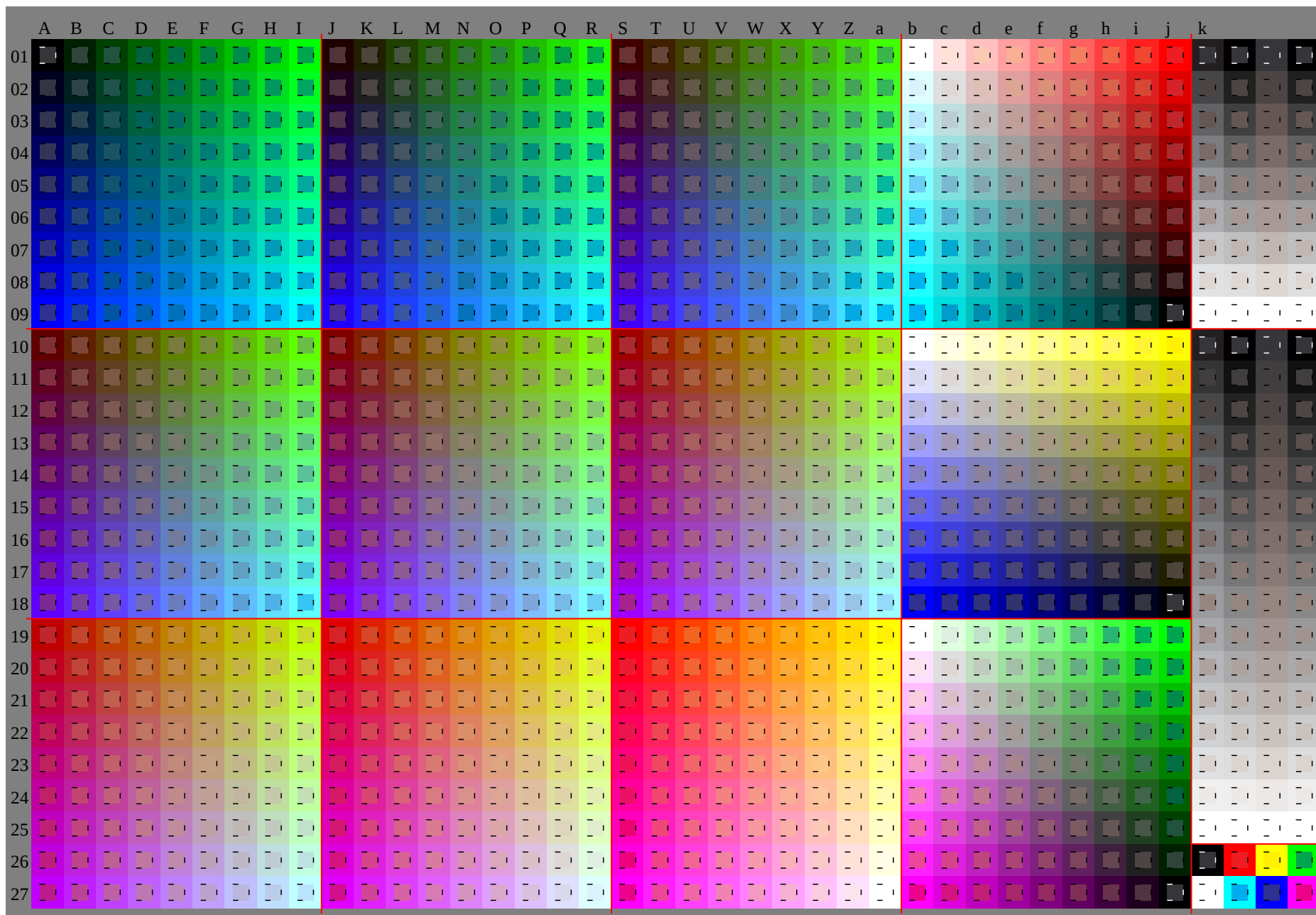
ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = m50o$



See for similar files: <http://www.ps.bam.de/Ee65/>; www.ps.bam.de/Ee.HTM
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=1

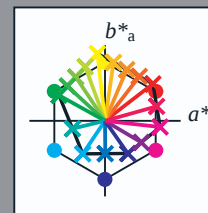


Input and output:
Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

u^*_d and number *no.* = 00 .. 15
device hue text:
 $u^*_d = 16$ hues *o00y*, *o25y*, ..., *m50o*
contrast reduction factor:
 $c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



%Gamut

$u^*_{rel} = 87$

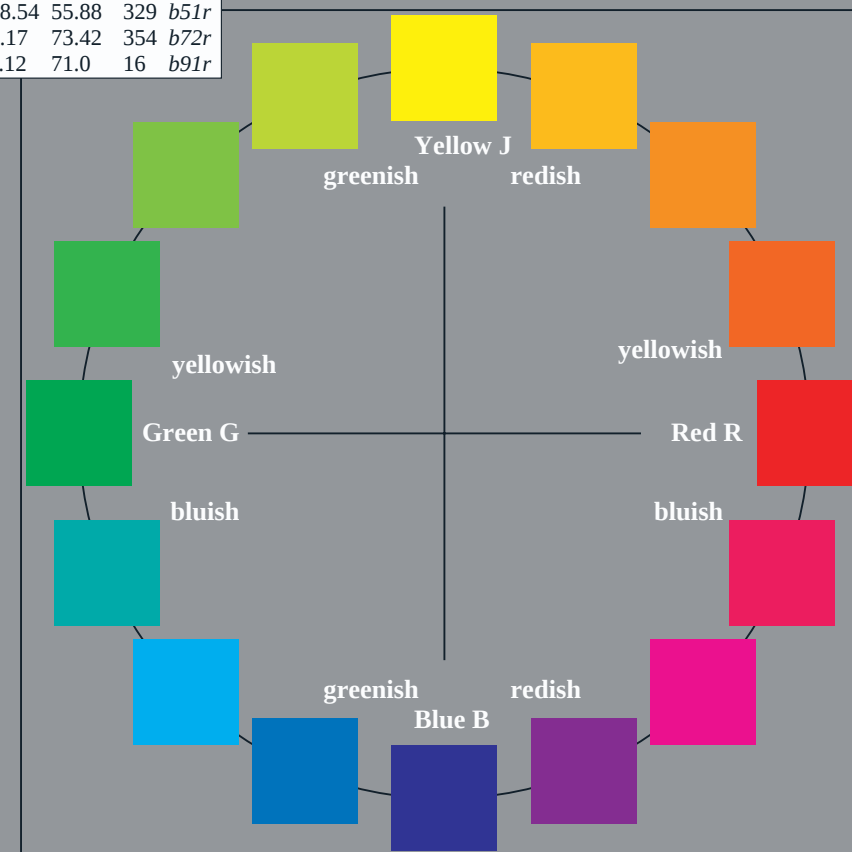
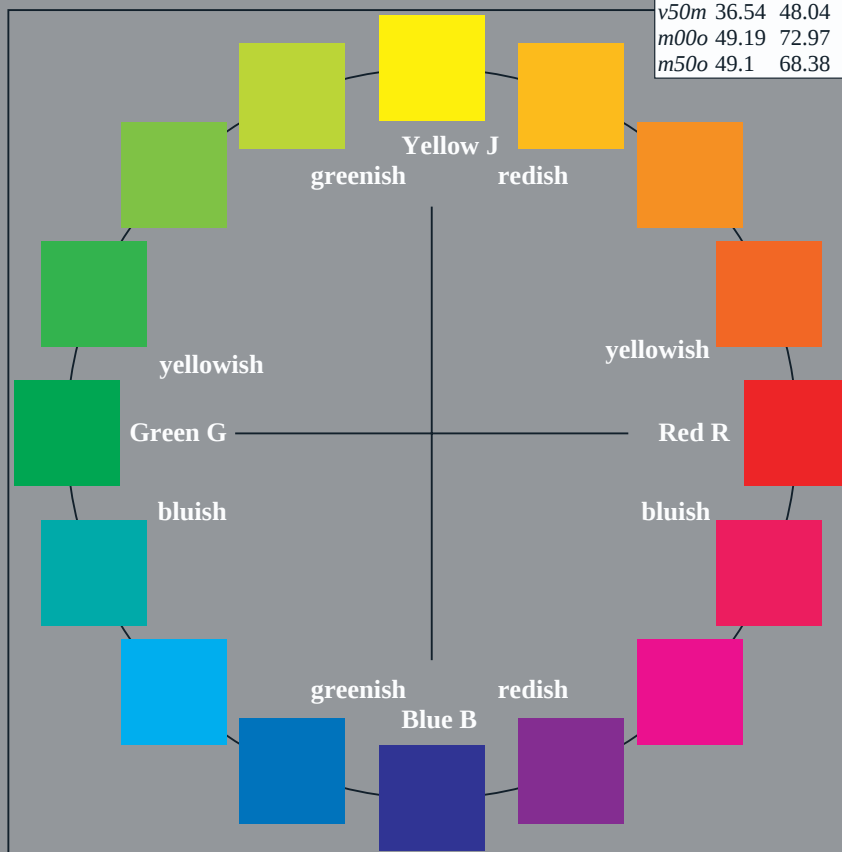
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

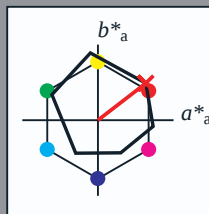
Hue texts:

$u^*_d = o00y$ $u^*_e = r18j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 49

$LAB^*LCH^*_{Ma}$: 49 80 37

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

$lab^*rgb^*_{Ma}$: 1.0 0.18 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

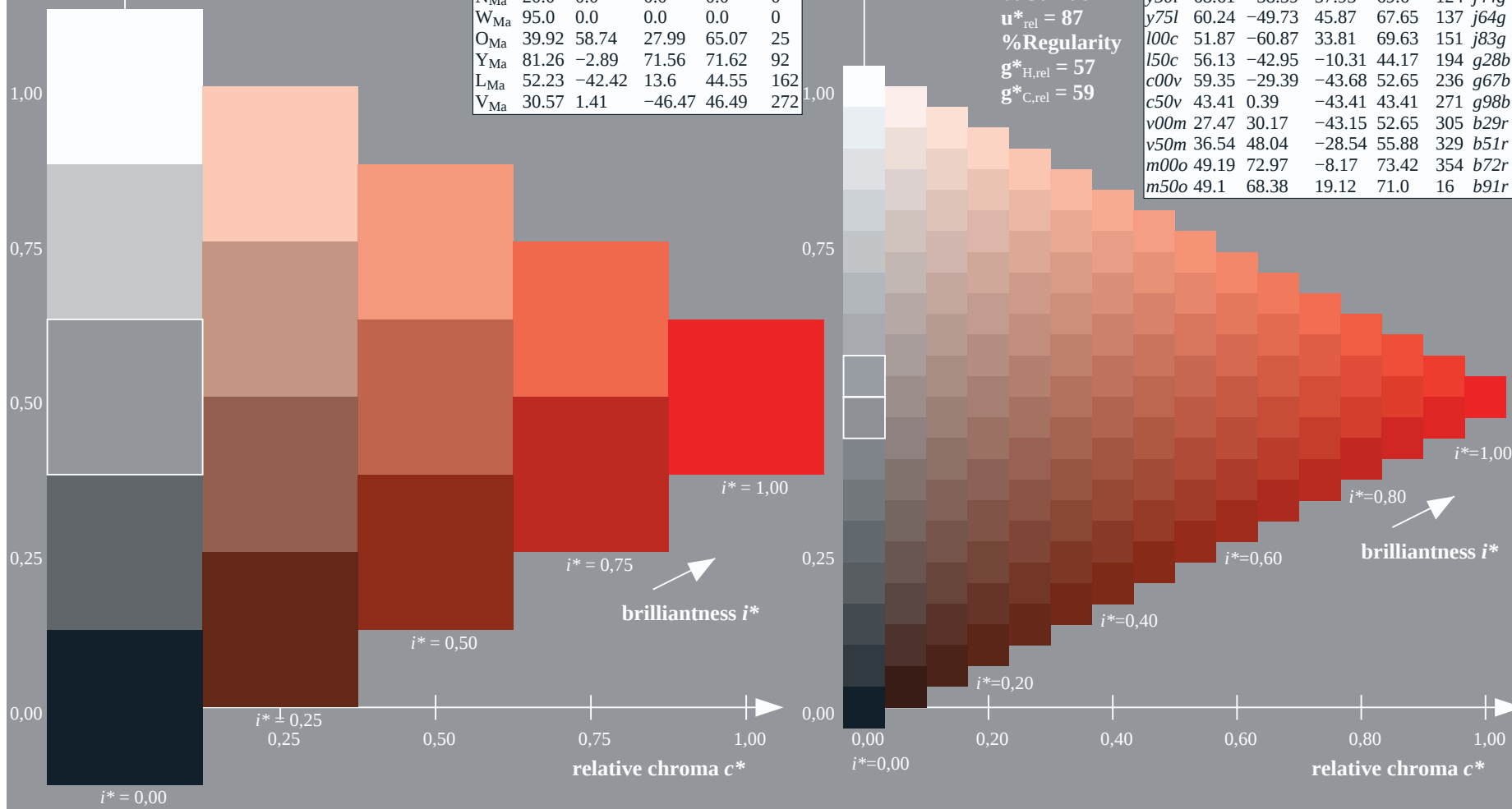
%Regularity

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

$g^*_{C,rel} = 59$

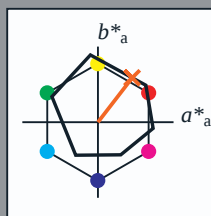
ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o25y$ $u^*_e = r40j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



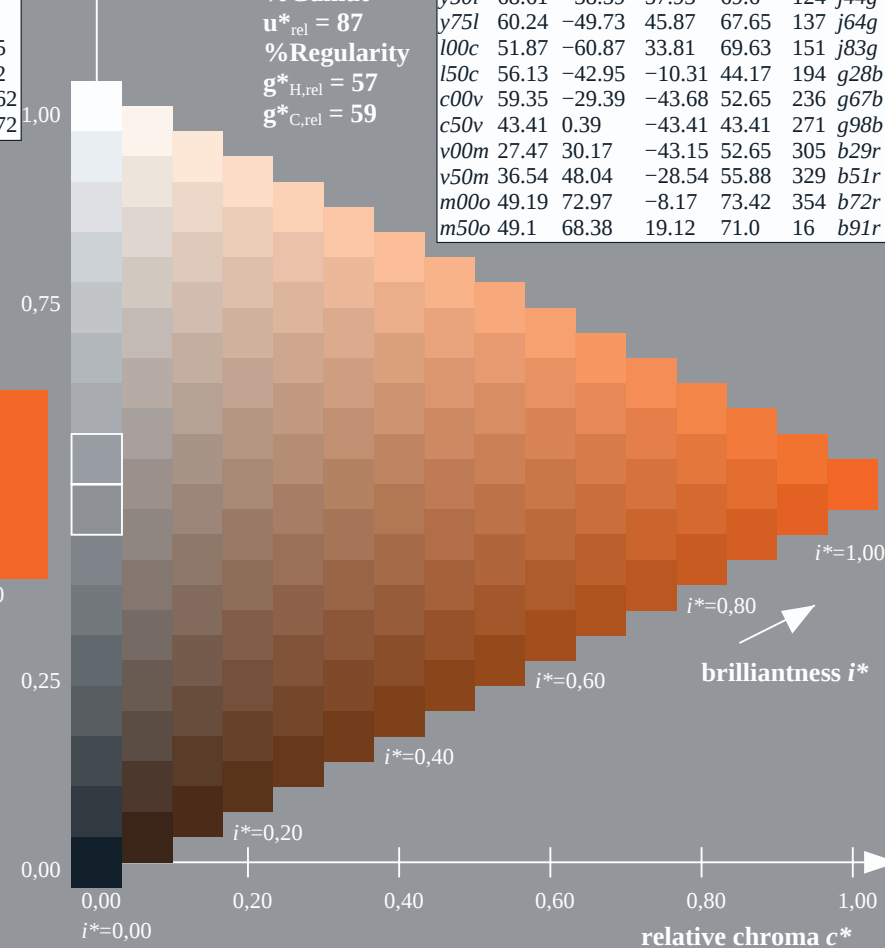
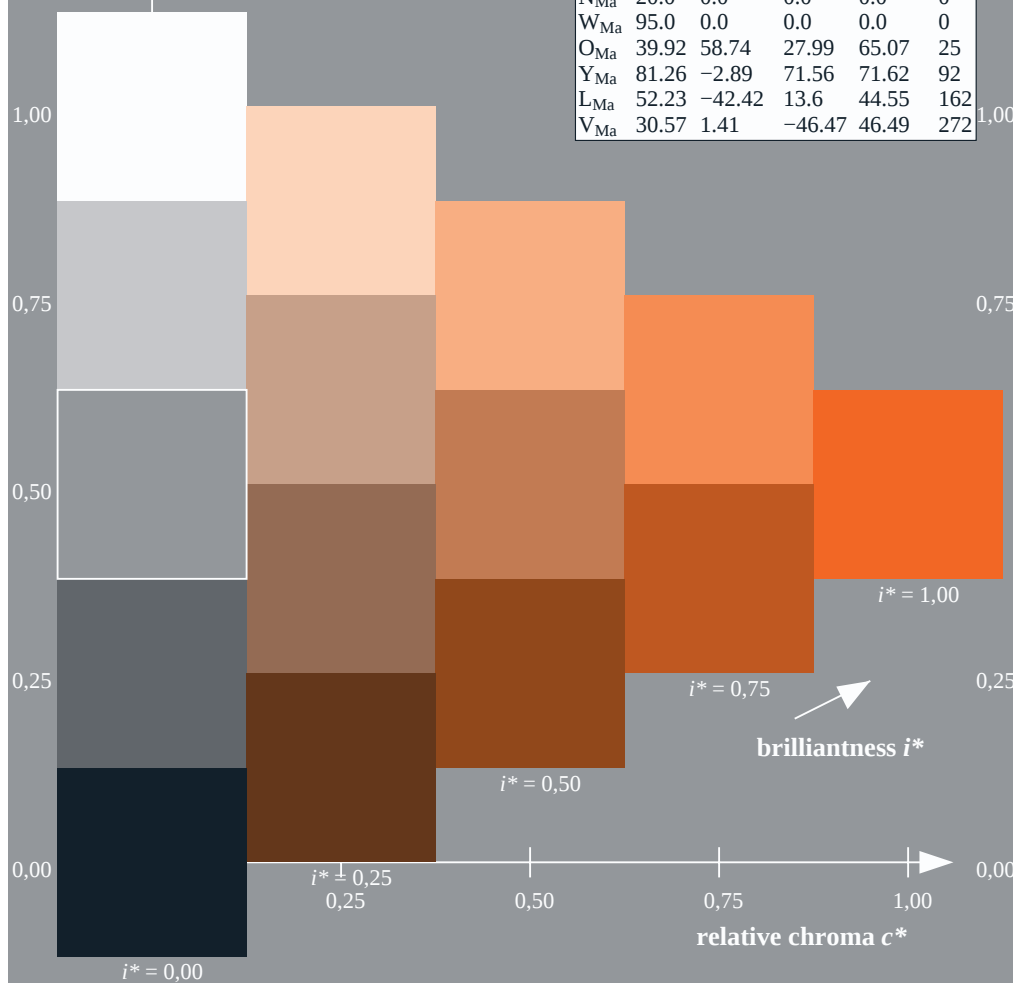
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 59
 LAB^*LCH^*Ma : 59 74 52
 lab^*olv^*Ma : 1.0 0.25 0.0
 lab^*rgb^*Ma : 1.0 0.4 0.0
triangle lightness t^*

%Gamut
 $u^*_{rel} = 87$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$
data for any colour:
 lab^*tch^* and lab^*icu^*

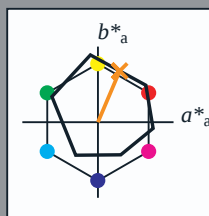
Hue texts:

$u^*_d = o50y$ $u^*_e = r62j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 68

$LAB^*LCH^*_{Ma}$: 68 74 67

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

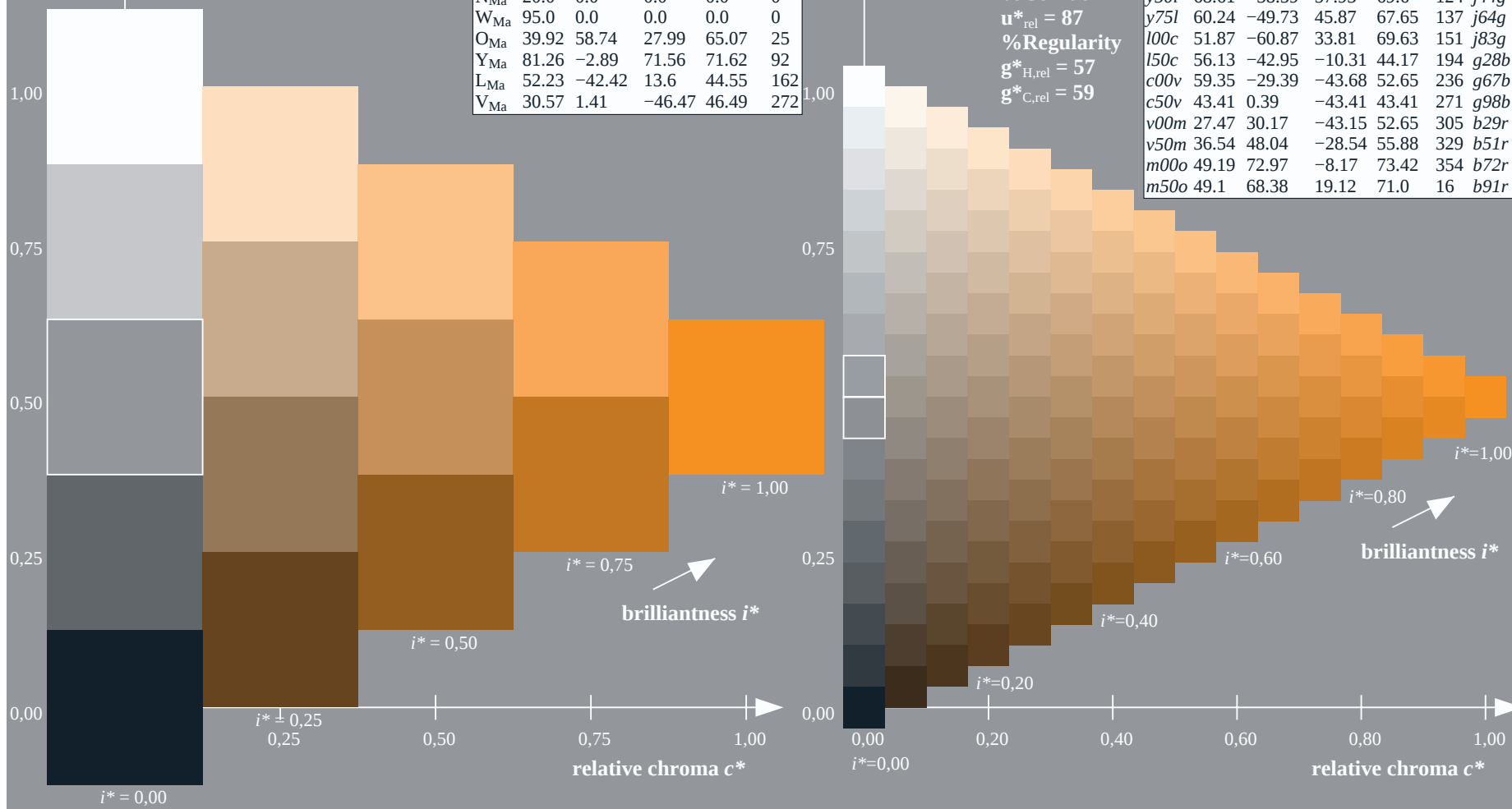
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.227$
data for any colour:

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

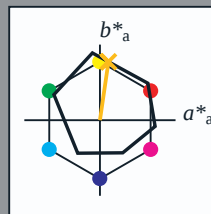
Hue texts:

$u^*_d = o75y$ $u^*_e = r83j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma$: 78 11 77

$LAB \cdot LCH \cdot Ma$: 78 78 81

$lab \cdot olv \cdot Ma$: 1.0 0.75 0.0

$lab \cdot rgb \cdot Ma$: 1.0 0.84 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

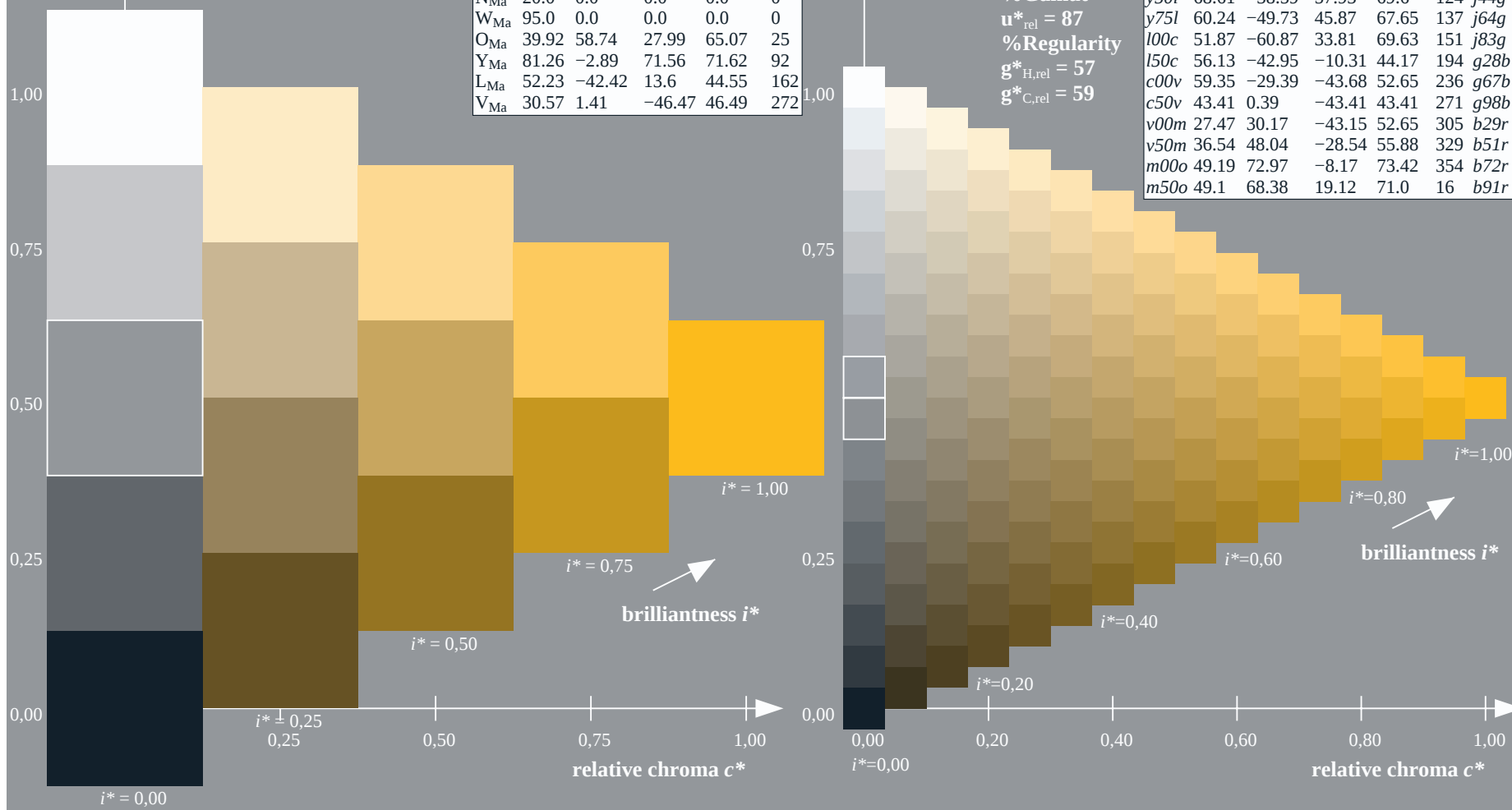
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

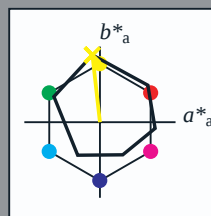
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 90 -10 89

$LAB^*LCH^*_{Ma}$: 90 89 96

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

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

triangle lightness t^*

%Gamut

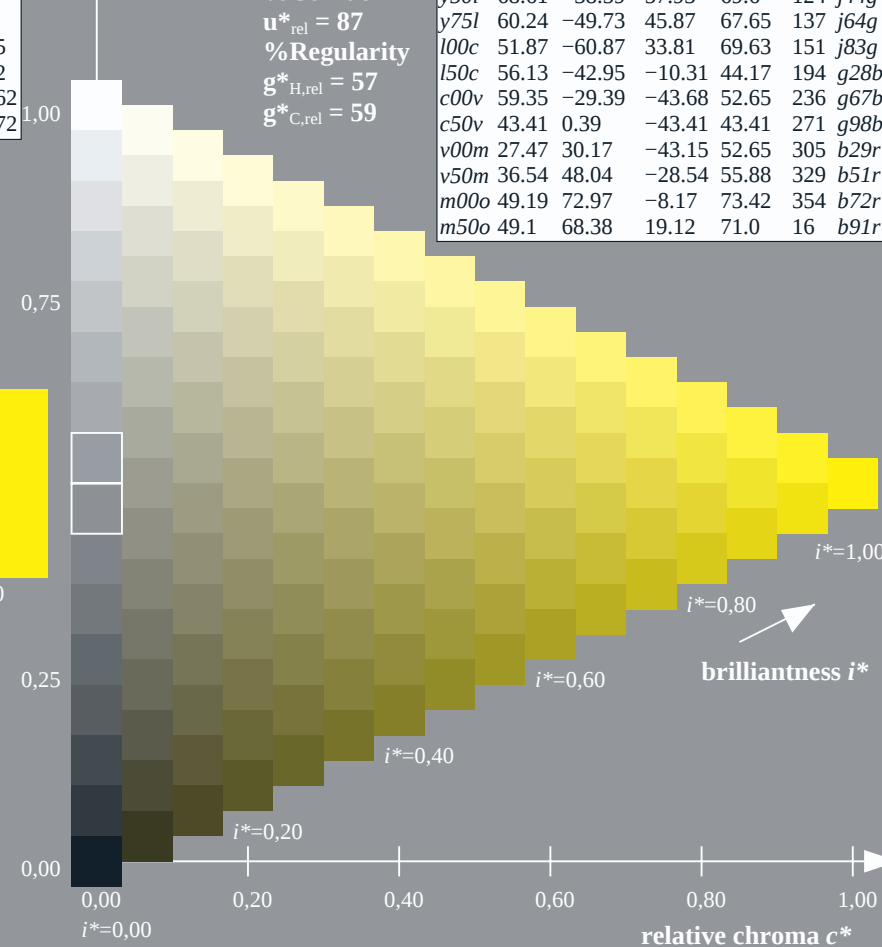
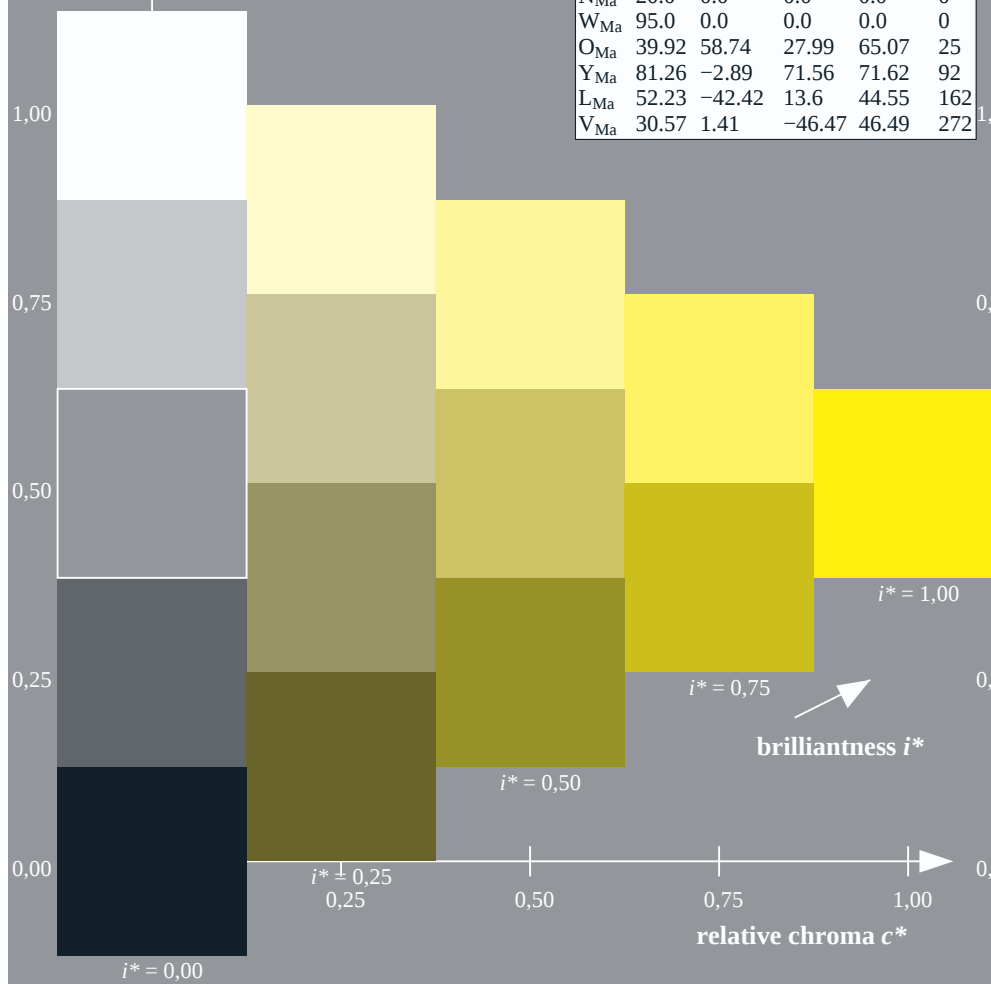
$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

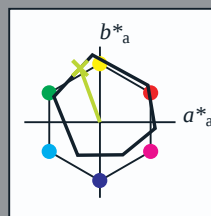
ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = y25l$ $u^*_e = j25g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 -26 71

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

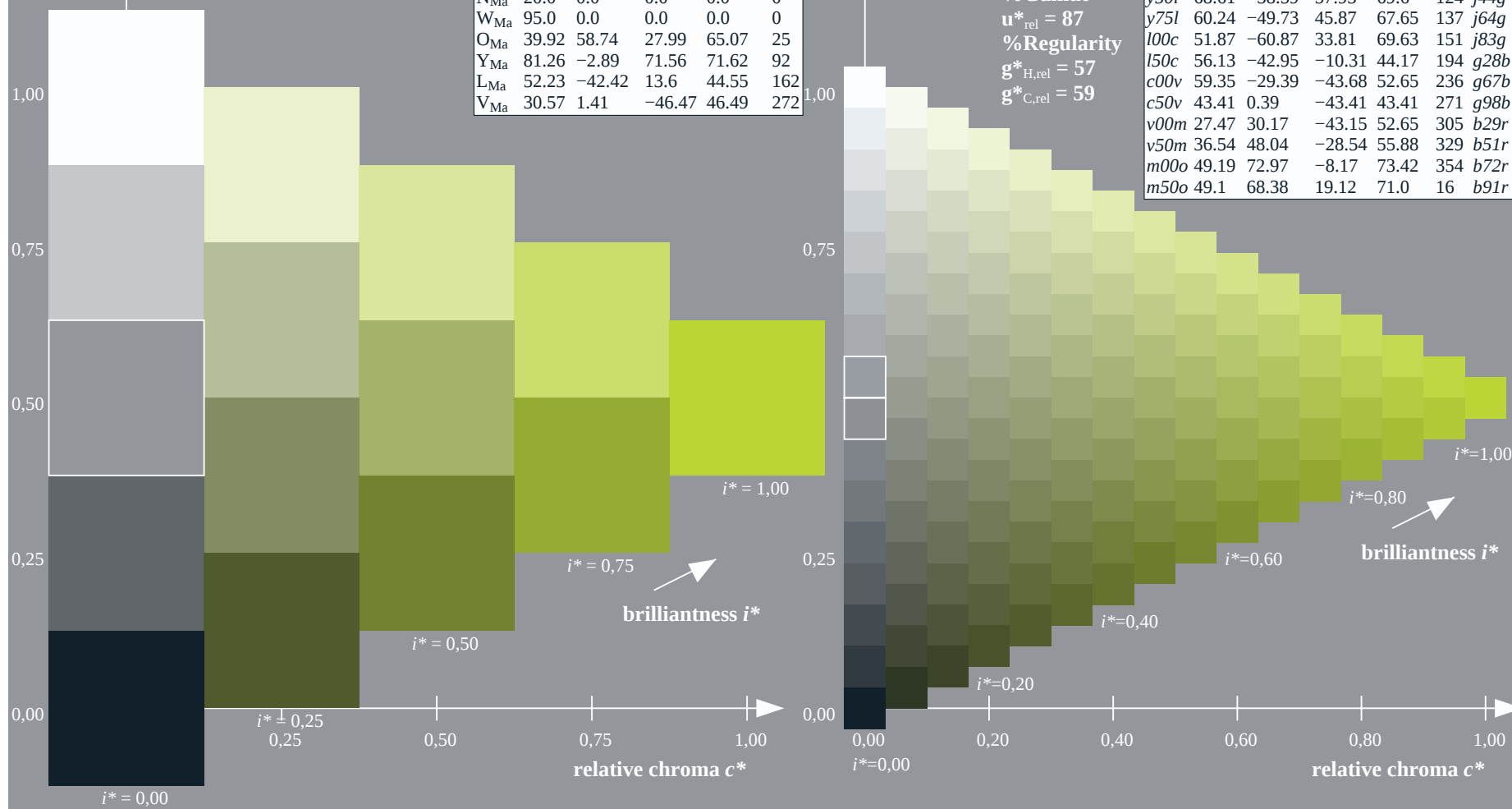
$u^*_{rel} = 87$

%Regularity

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

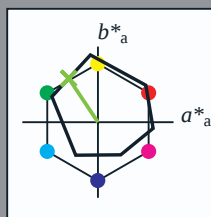
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j44g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 -39 58

LAB^*LCH^*Ma : 69 70 123

lab^*olv^*Ma : 0.5 1.0 0.0

lab^*rgb^*Ma : 0.55 1.0 0.0

triangle lightness t^*

%Gamut

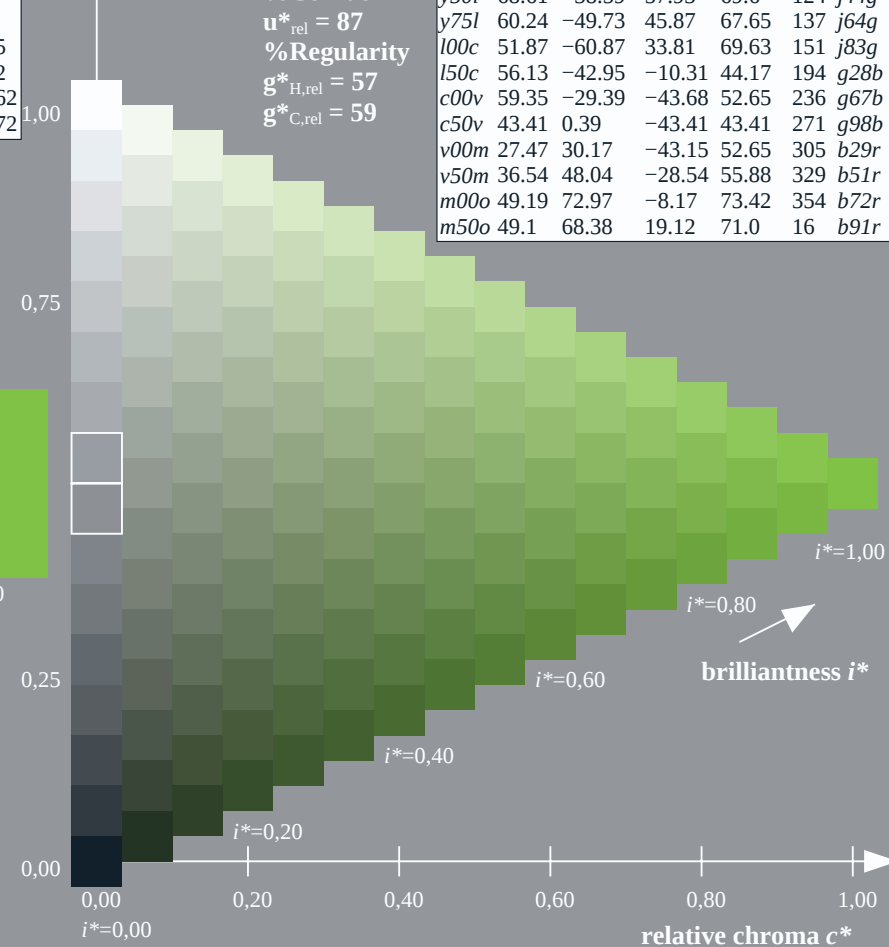
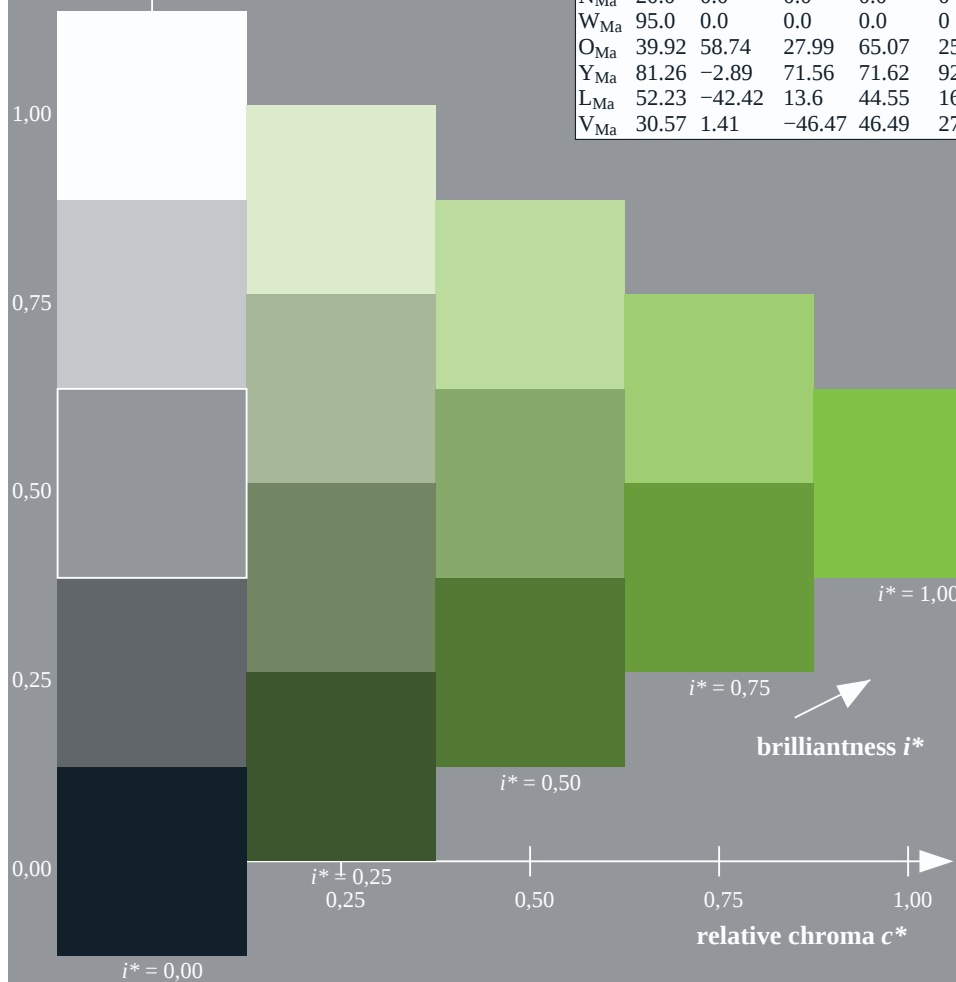
$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

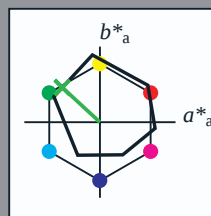
ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = y75l$ $u^*_e = j64g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 60 -50 46

$LAB^*LCH^*_{Ma}$: 60 68 137

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

$lab^*rgb^*_{Ma}$: 0.36 1.0 0.0

triangle lightness t^*

%Gamut

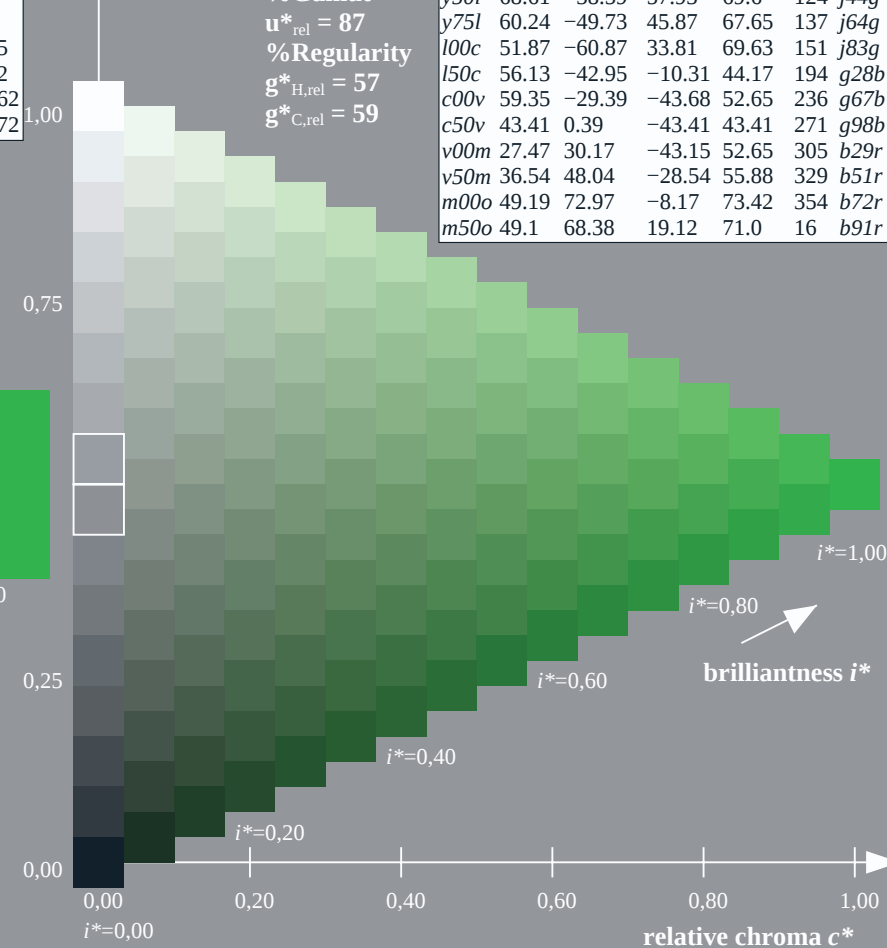
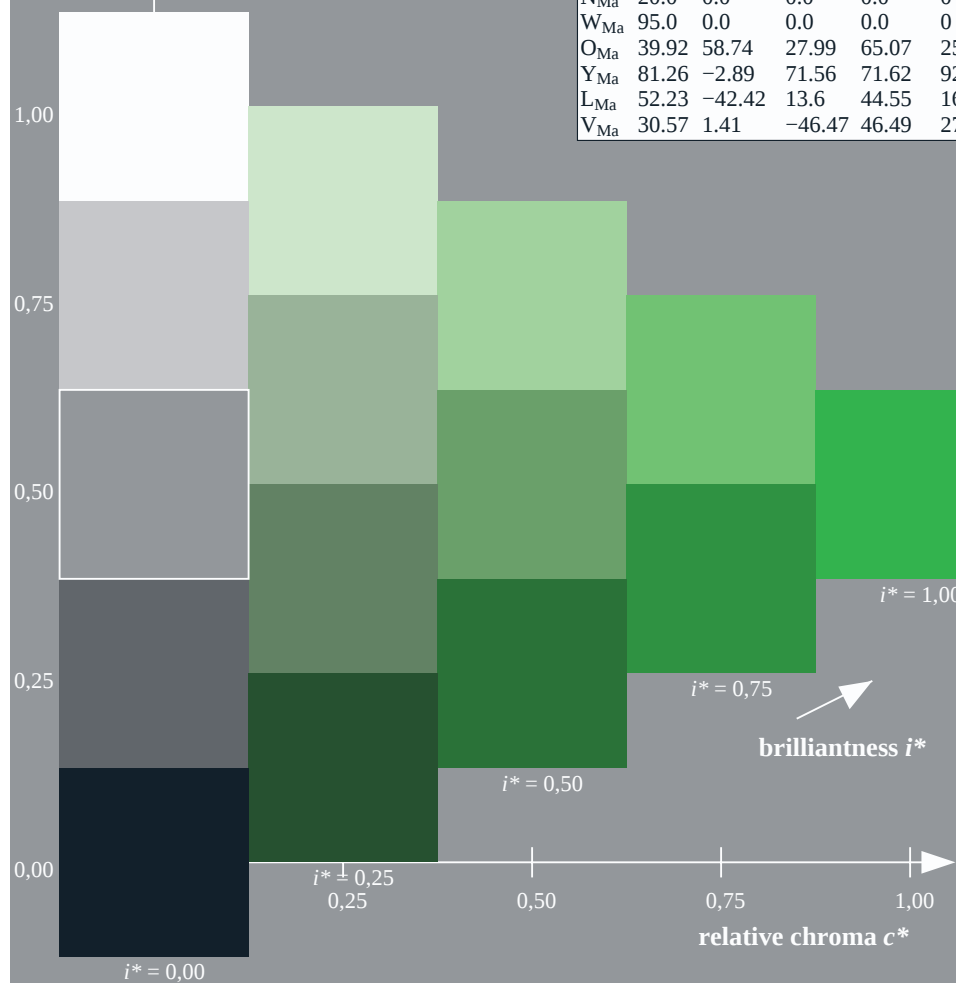
$u^*_{rel} = 87$

%Regularity

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

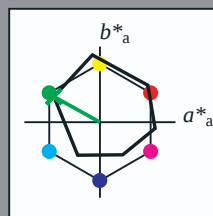
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 100c$ $u^*_e = j83g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 -61 34

$LAB^*LCH^*_{Ma}$: 52 70 150

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

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

triangle lightness t^*

%Gamut

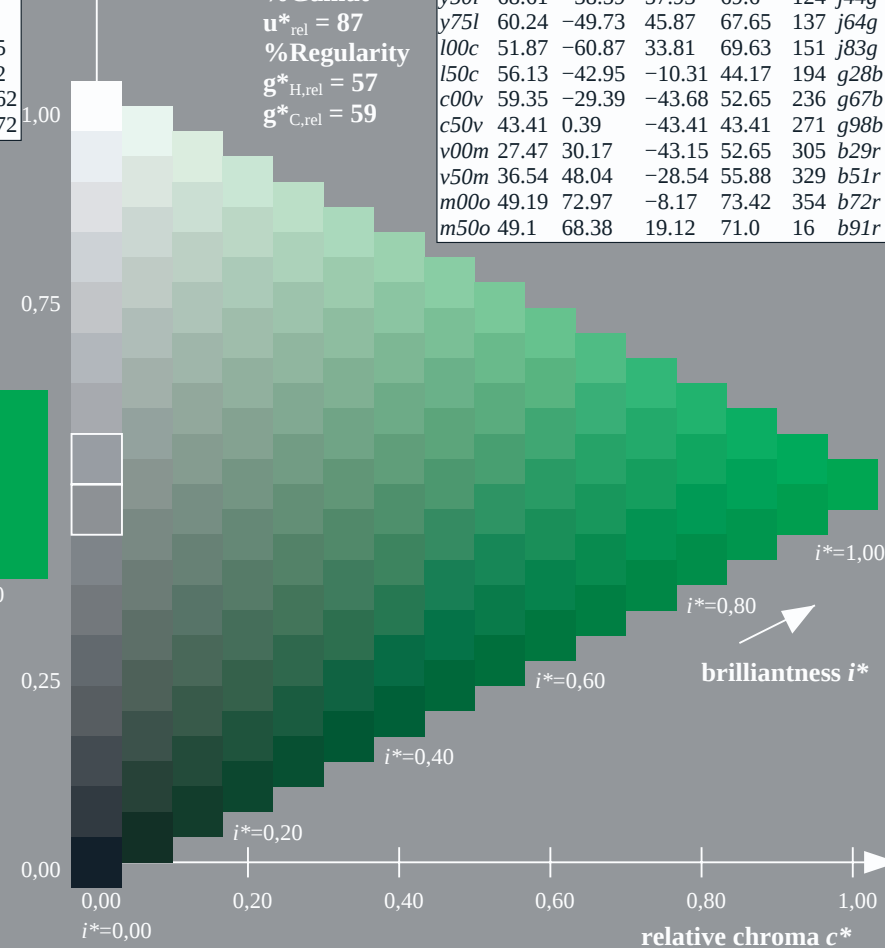
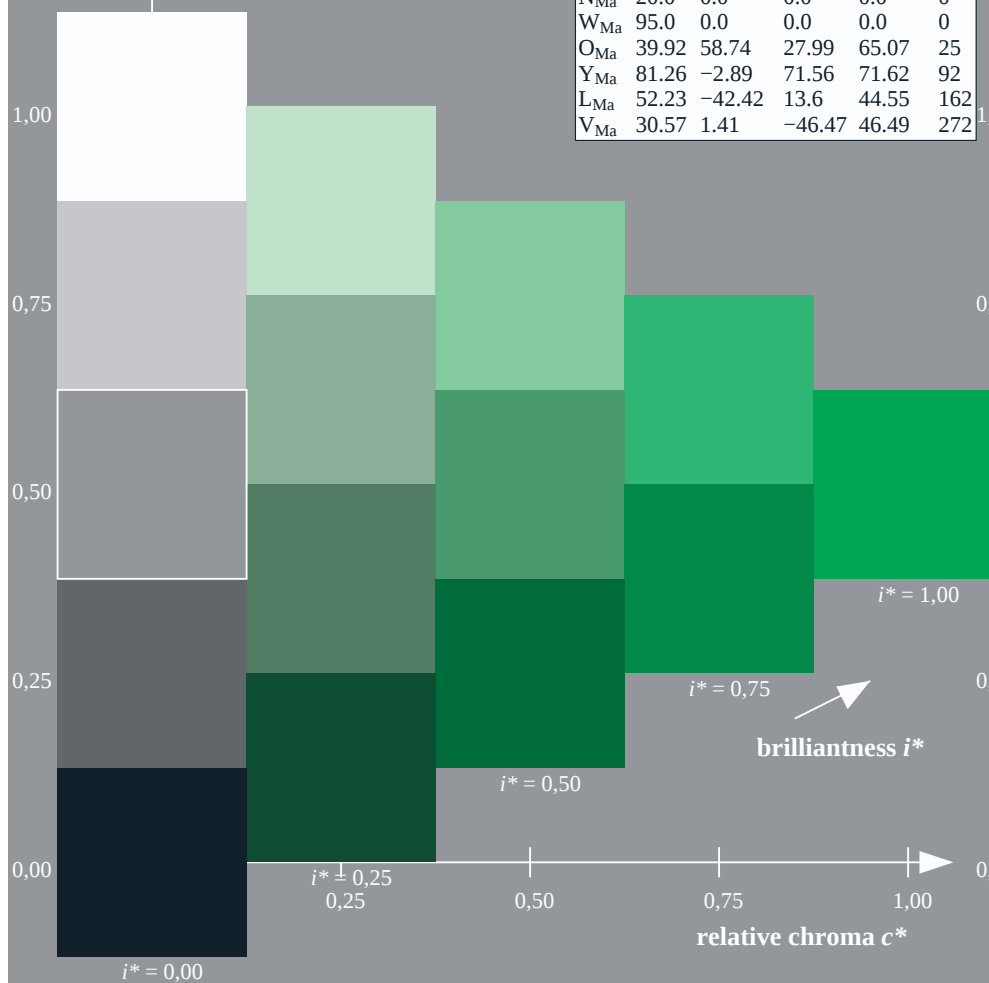
$u^*_{rel} = 87$

%Regularity

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

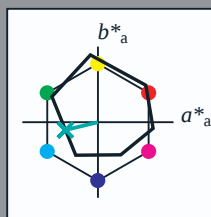
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g28b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 -10

$LAB^*LCH^*_{Ma}$: 56 44 193

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57

triangle lightness t^*

%Gamut

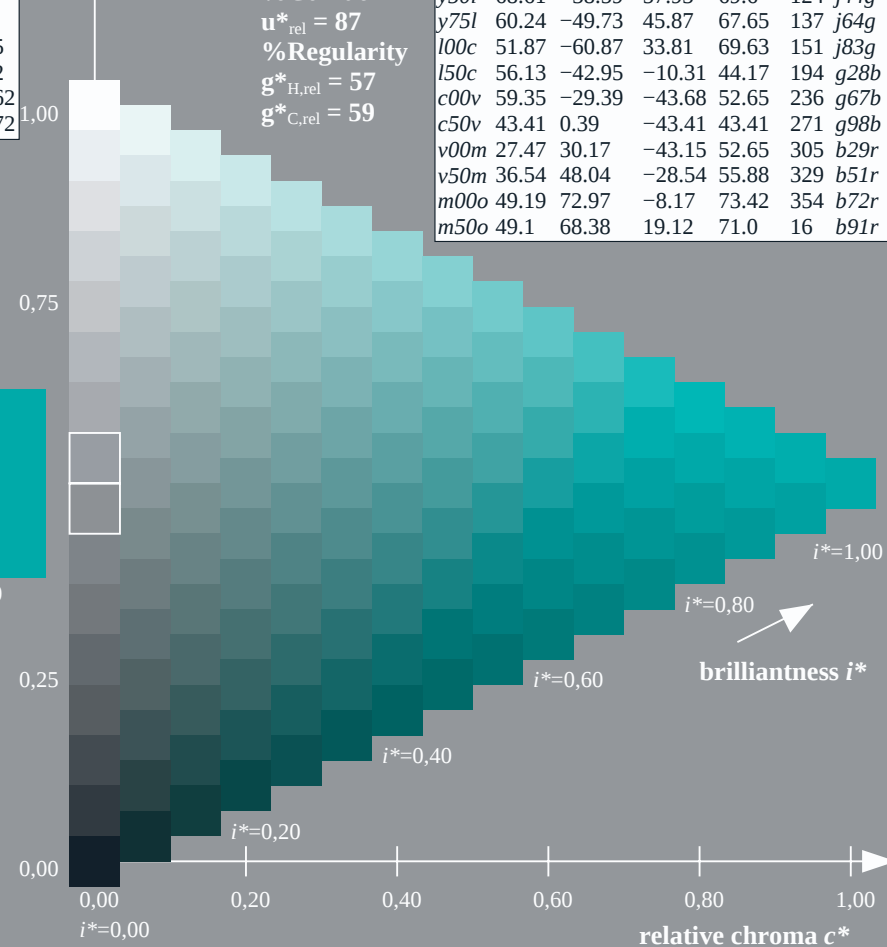
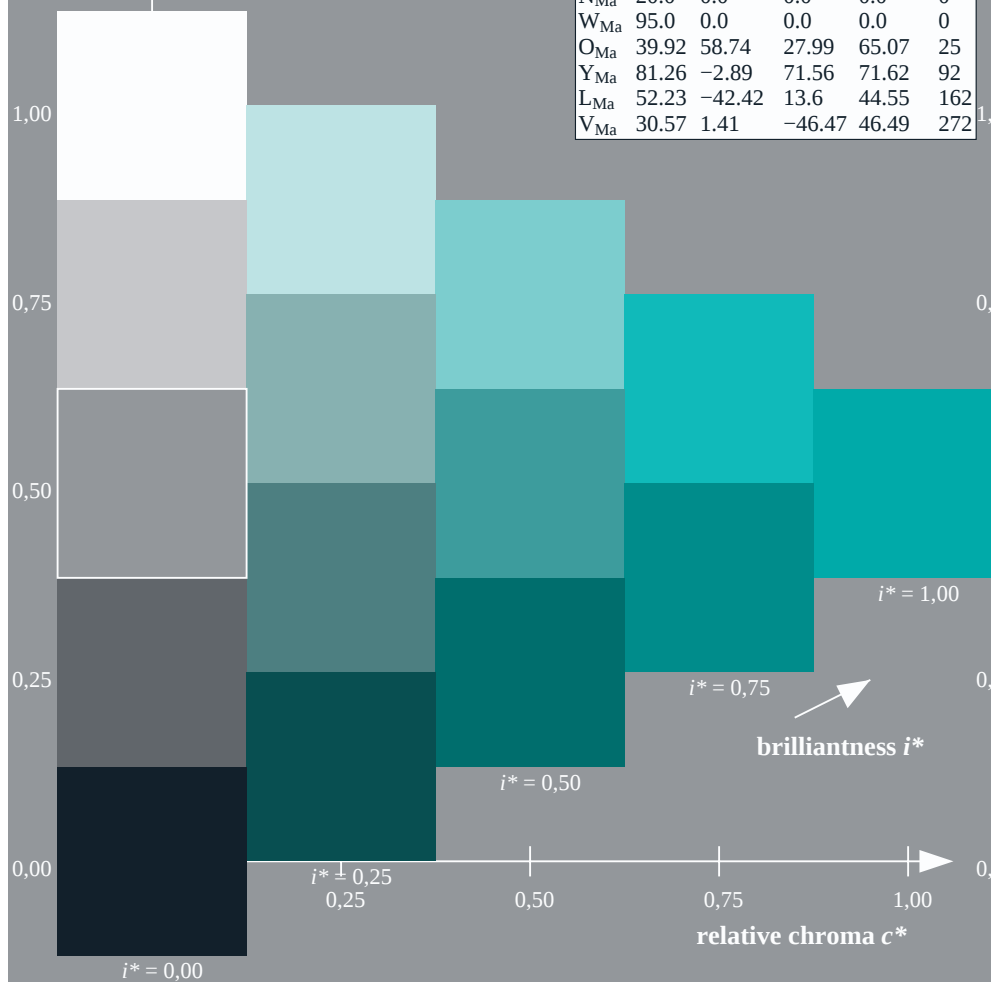
$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

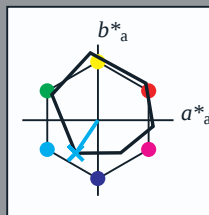
Hue texts:

$u^*_d = c00v$ $u^*_e = g67b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -29 -44

$LAB^*LCH^*_{Ma}$: 59 53 236

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

$lab^*rgb^*_{Ma}$: 0.0 0.65 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

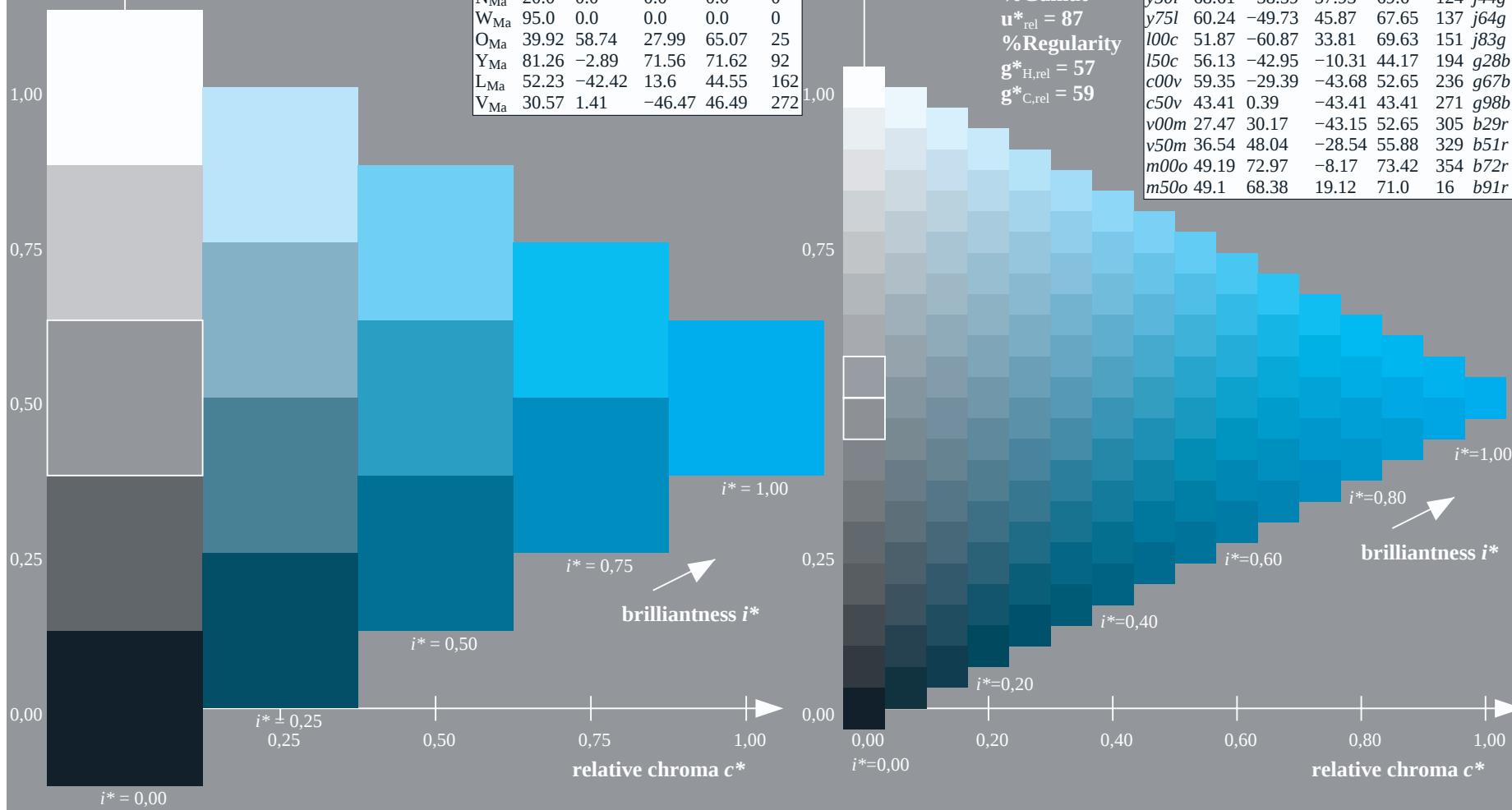
%Regularity

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

$g^*_{C,rel} = 59$

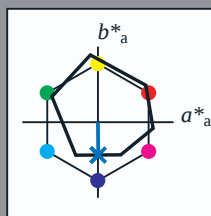
ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c50v$ $u^*_e = g98b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 0 -43

$LAB^*LCH^*_{Ma}$: 43 43 270

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

$lab^*rgb^*_{Ma}$: 0.0 0.02 1.0

triangle lightness t^*

%Gamut

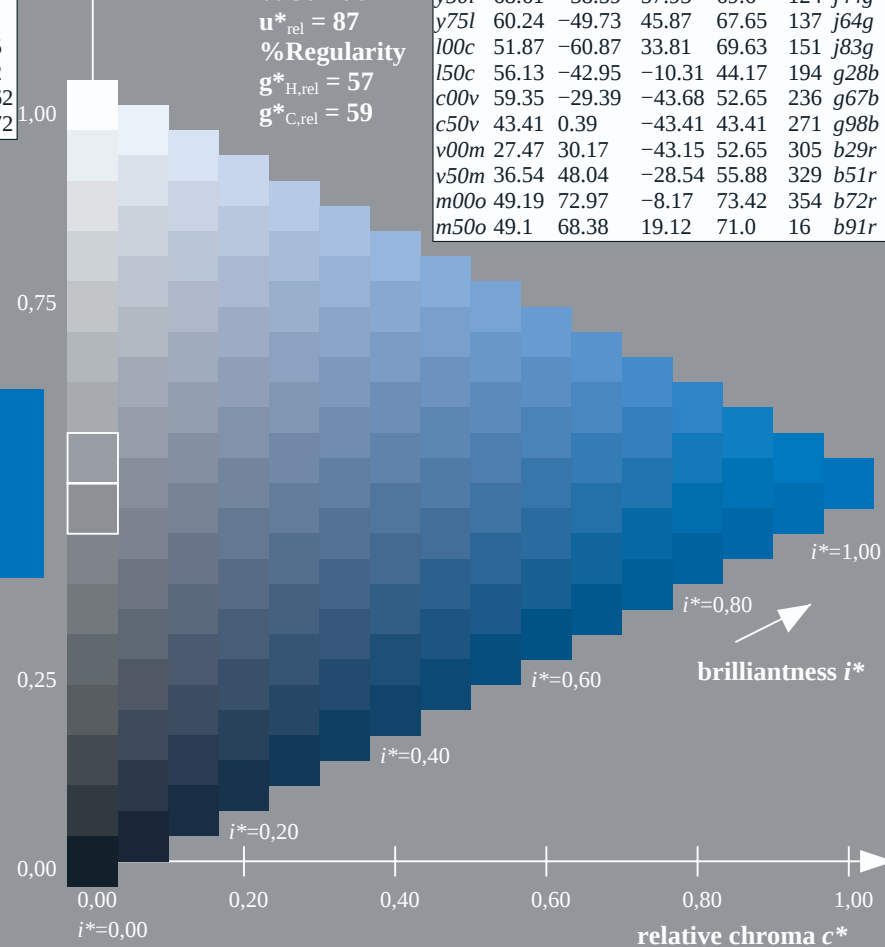
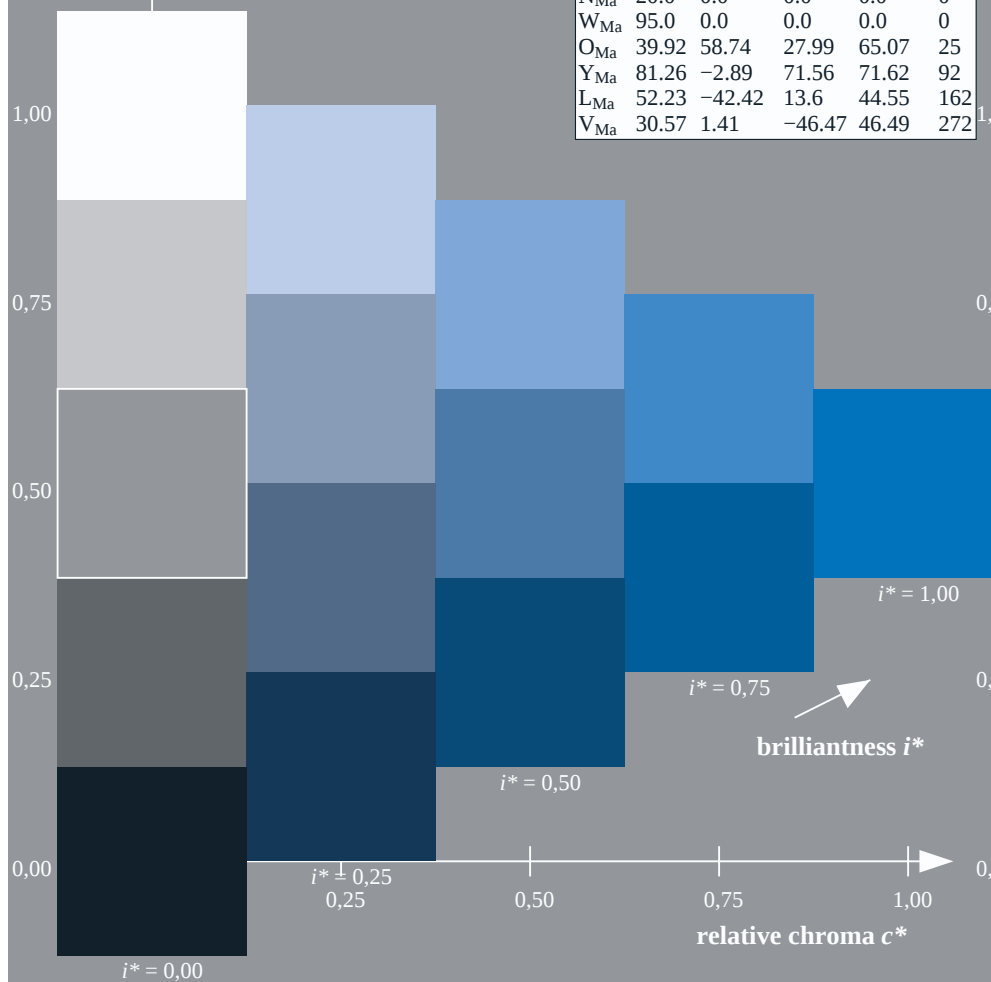
$u^*_{rel} = 87$

%Regularity

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

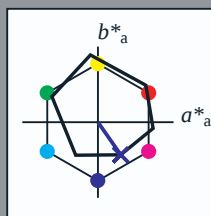
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b29r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 27 30 -43

$LAB^*LCH^*_{Ma}$: 27 53 304

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

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

triangle lightness t^*

%Gamut

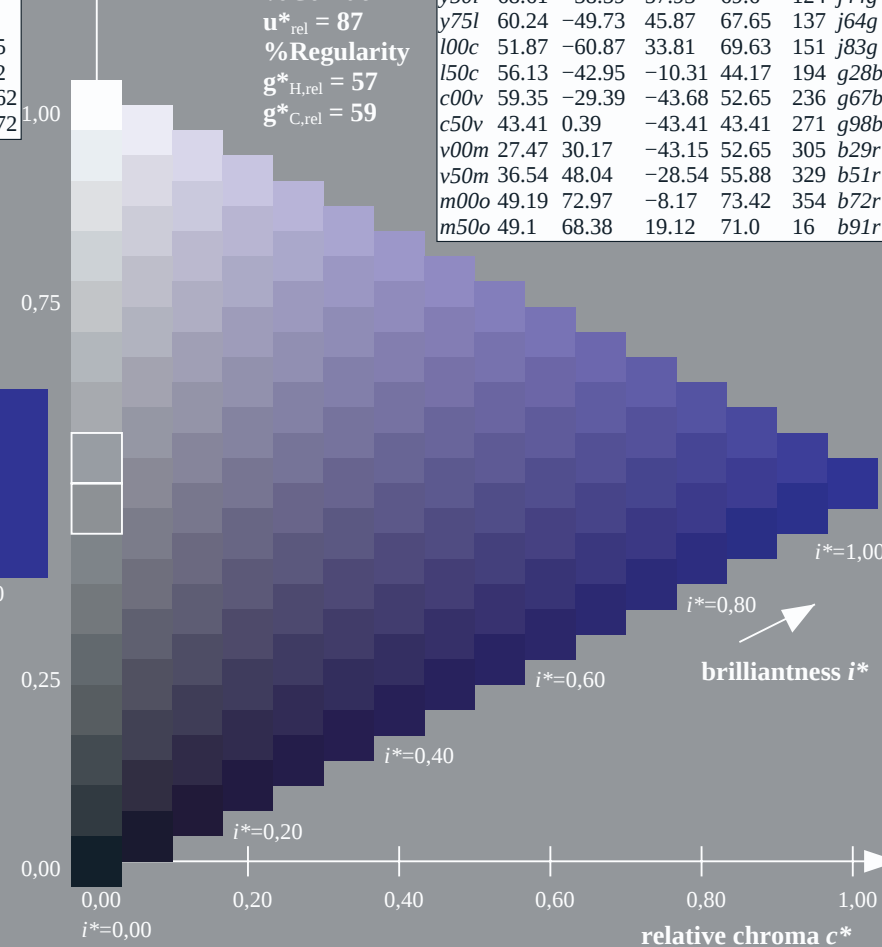
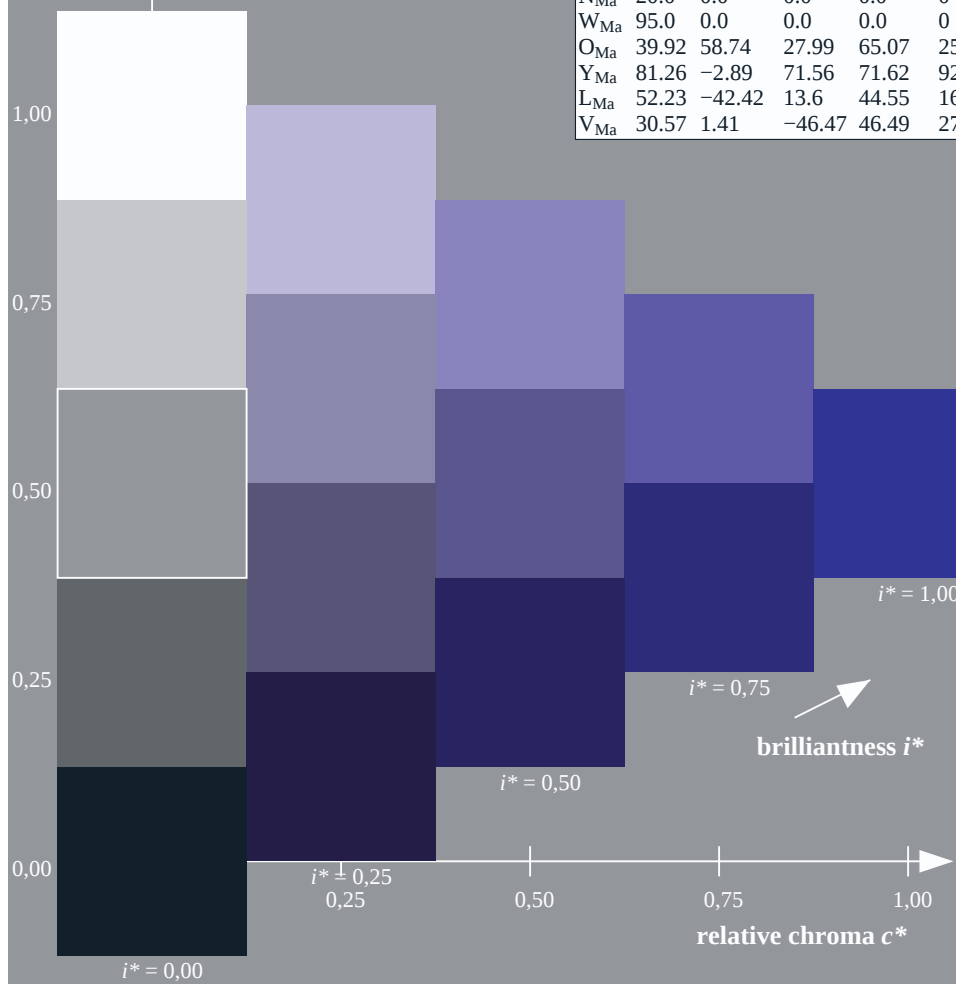
$u^*_{rel} = 87$

%Regularity

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

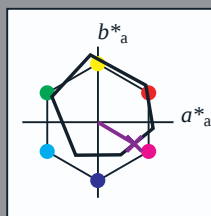
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v50m$ $u^*_e = b51r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 48 -29

$LAB^*LCH^*_{Ma}$: 37 56 329

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

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

triangle lightness t^*

% Gamut

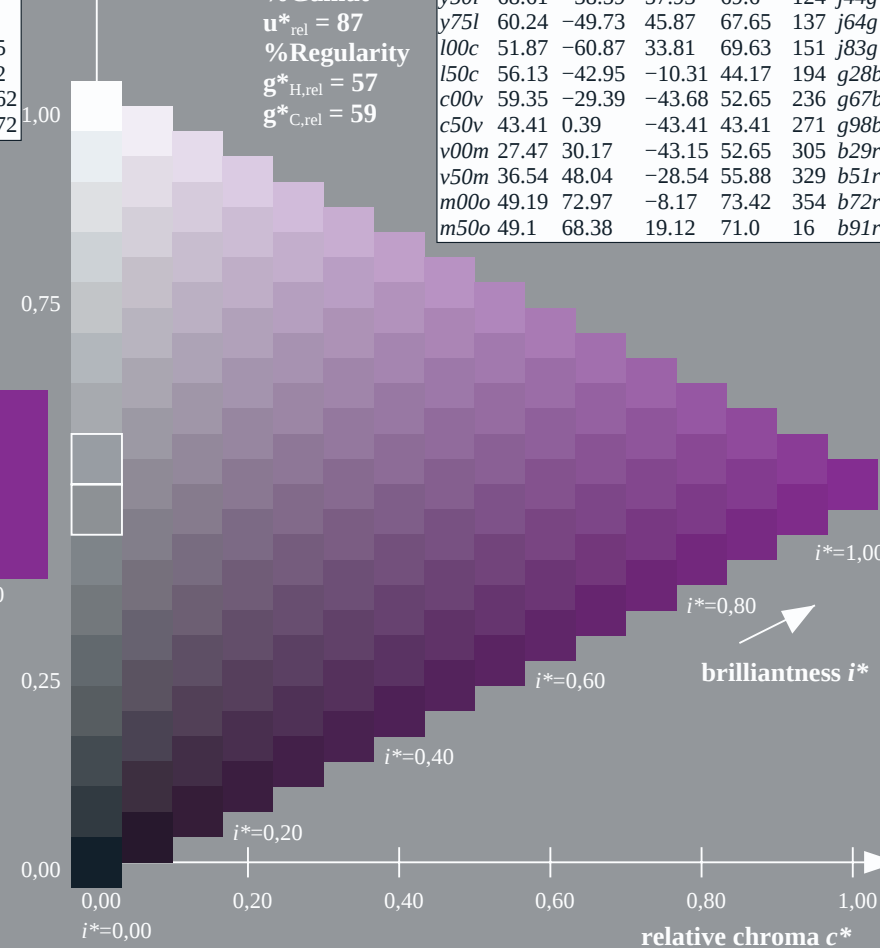
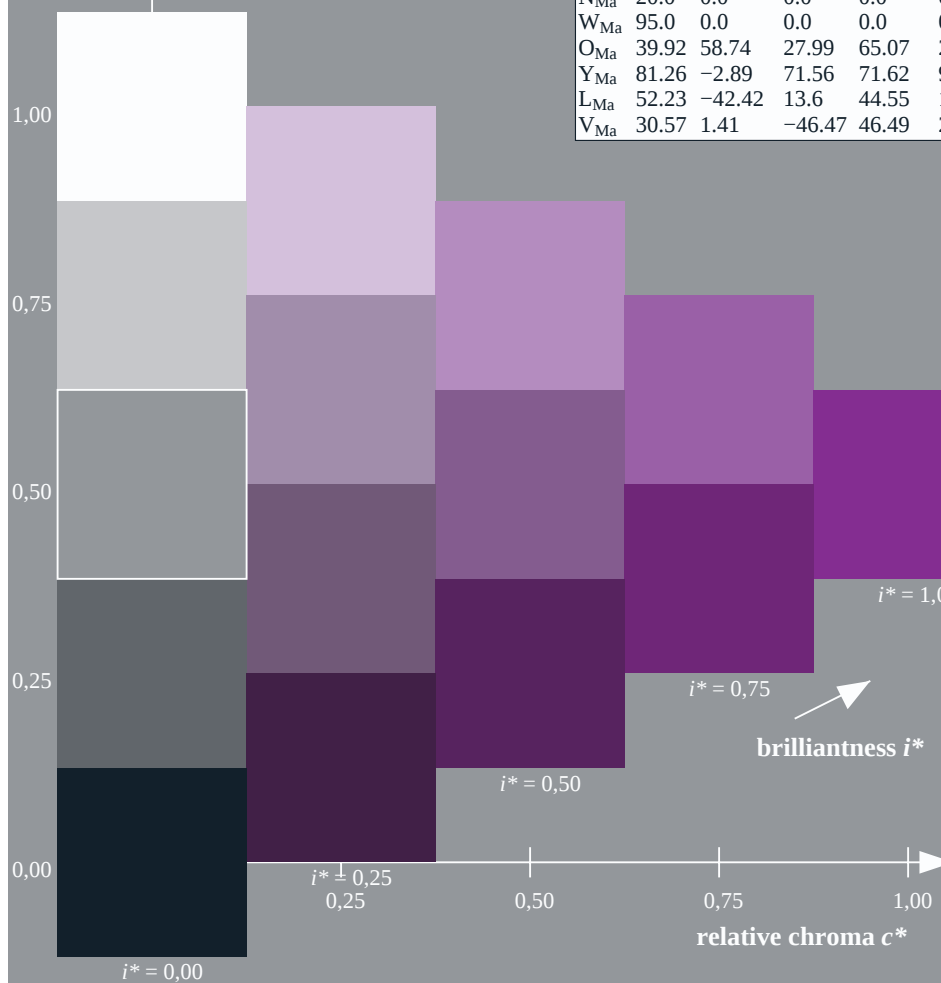
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$
data for any colour:

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

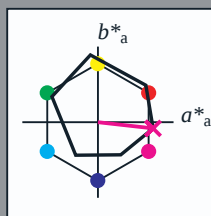
Hue texts:

$u^*_d = m00o$ $u^*_e = b72r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 73 -8

$LAB^*LCH^*_{Ma}$: 49 73 353

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.56

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

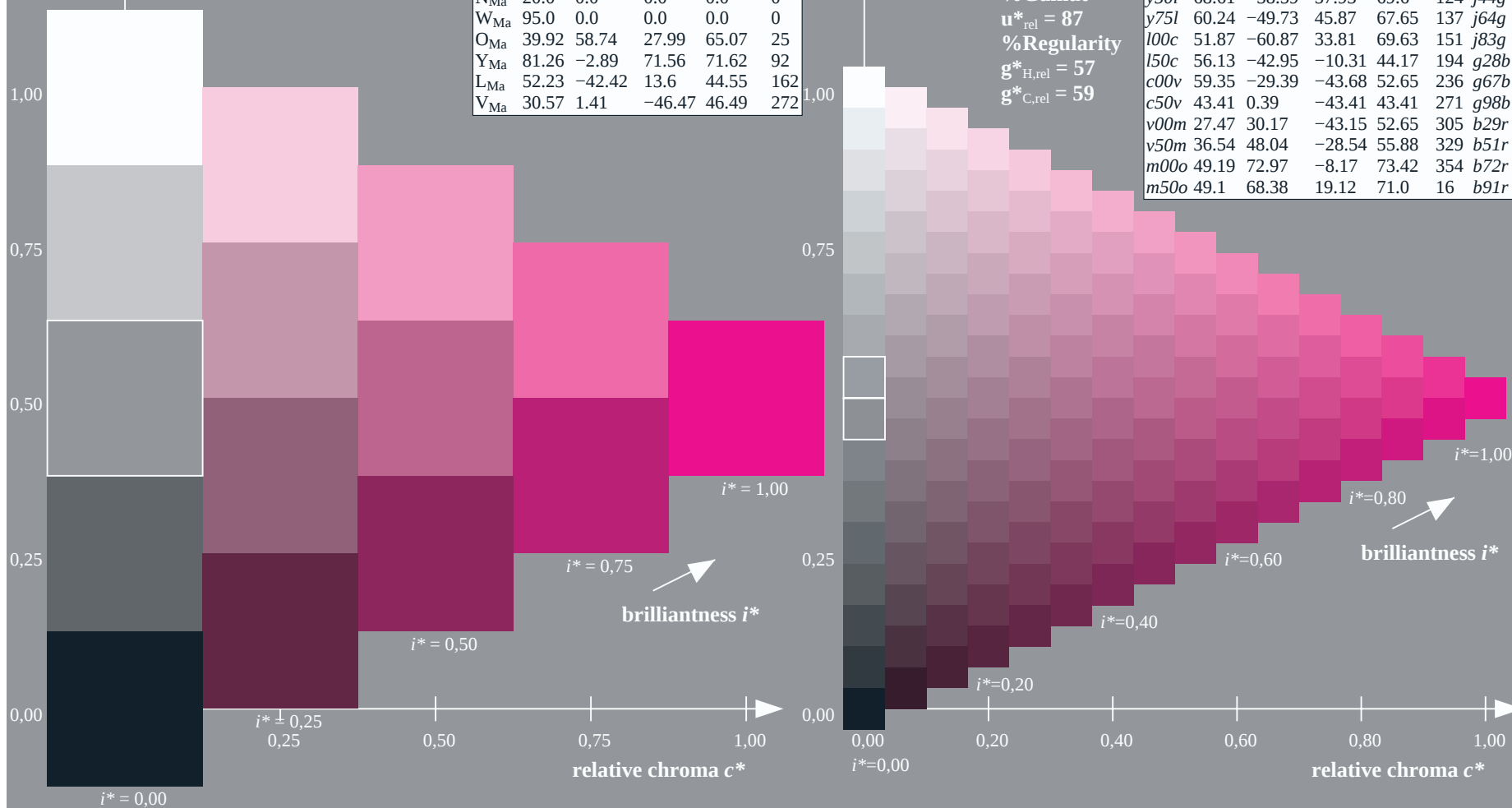
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

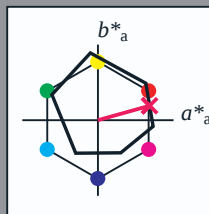
Hue texts:

$u^*_d = m50o$ $u^*_e = b91r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 68 19

$LAB^*LCH^*_{Ma}$: 49 71 15

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.17

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

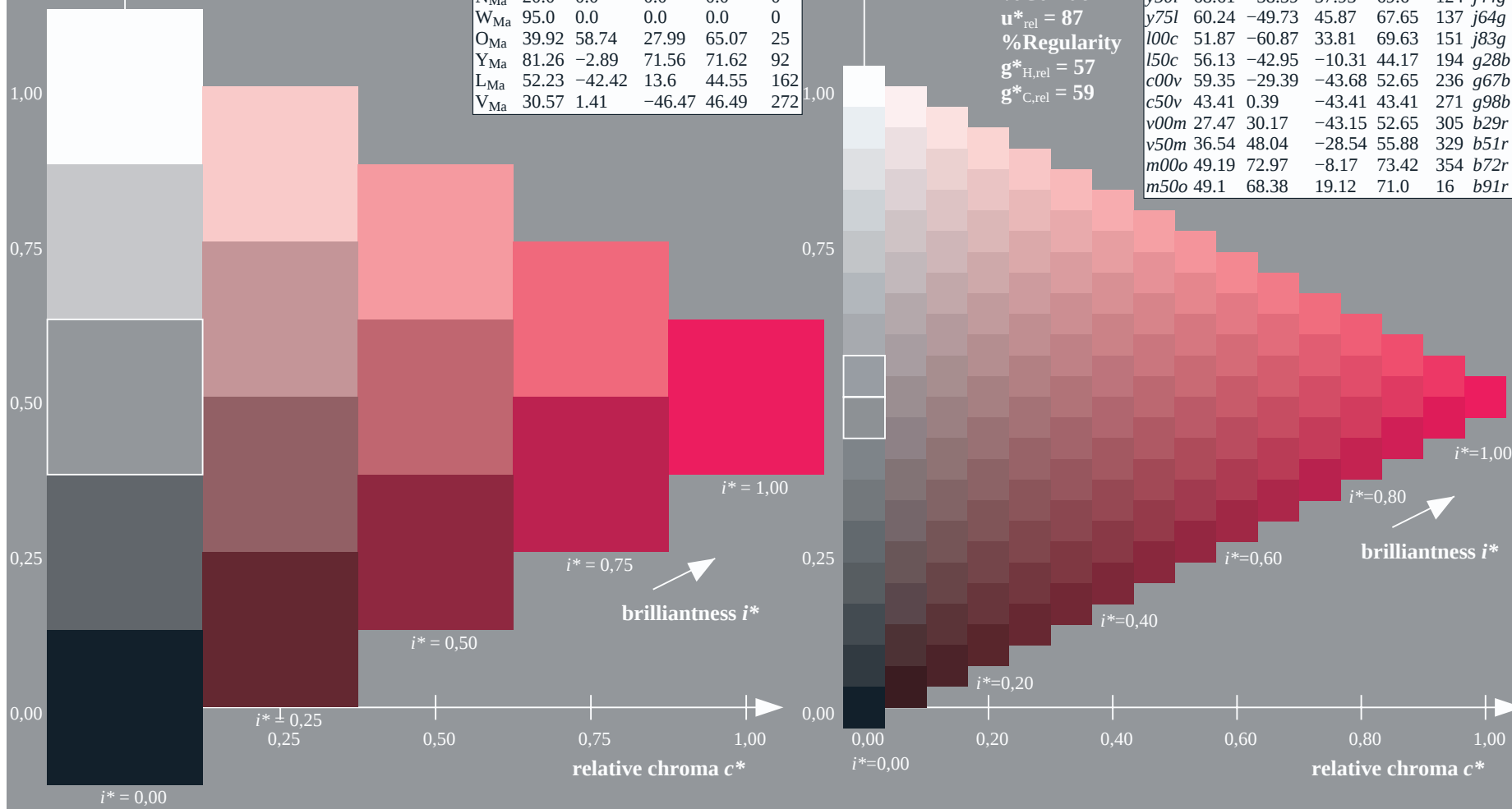
%Regularity

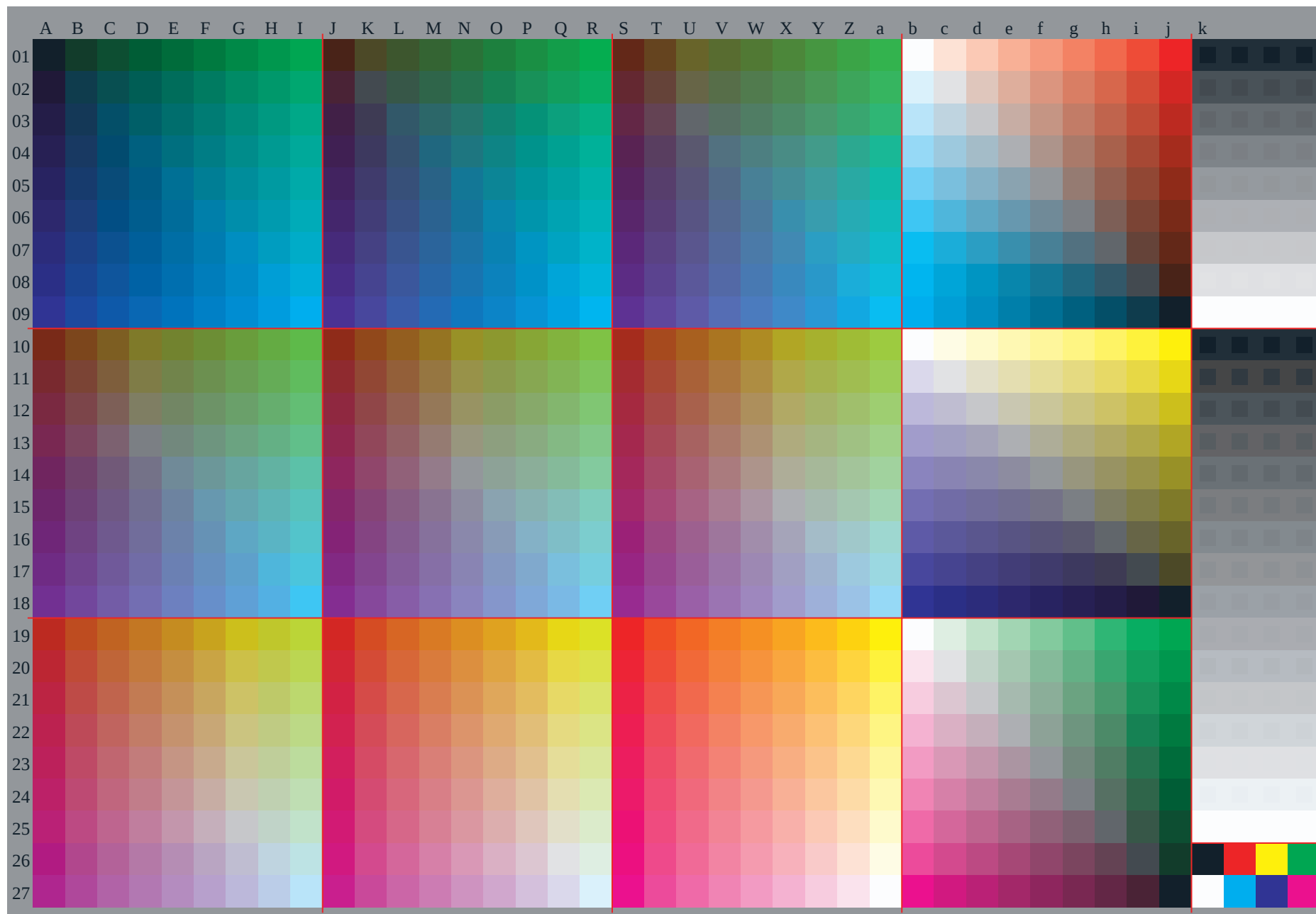
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r





See for similar files: <http://www.ps.bam.de/Ee65/>; www.ps.bam.de/Ee65/10L/L65E00FP.PS/.PDF
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=1

Input and output:

Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

device hue text:

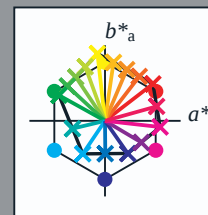
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



%Gamut

$u^*_{rel} = 87$

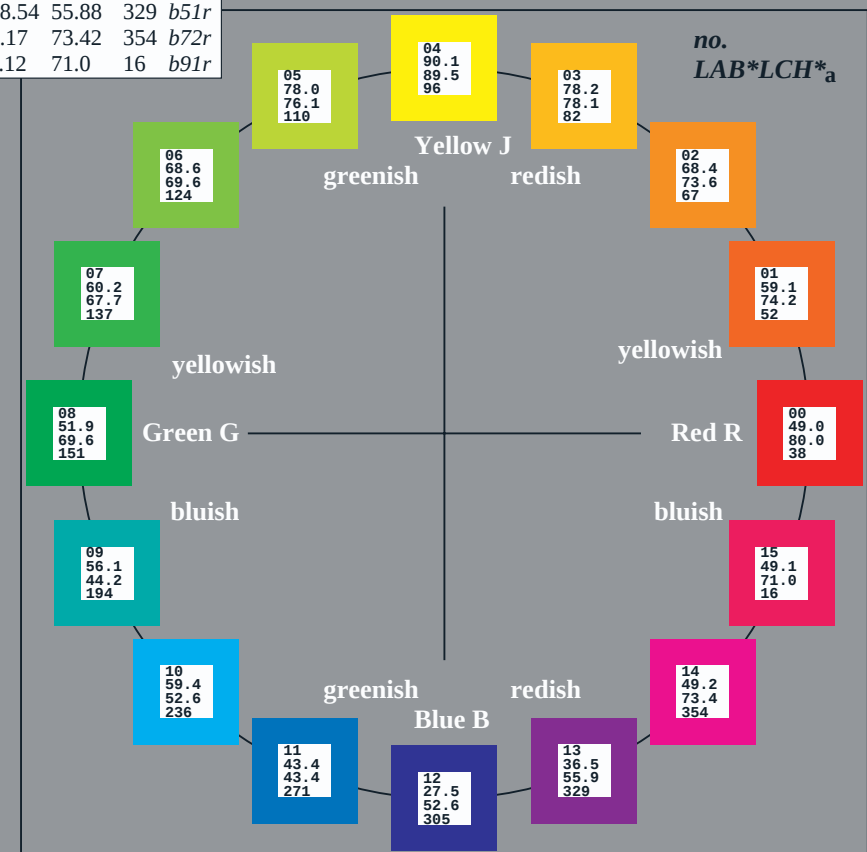
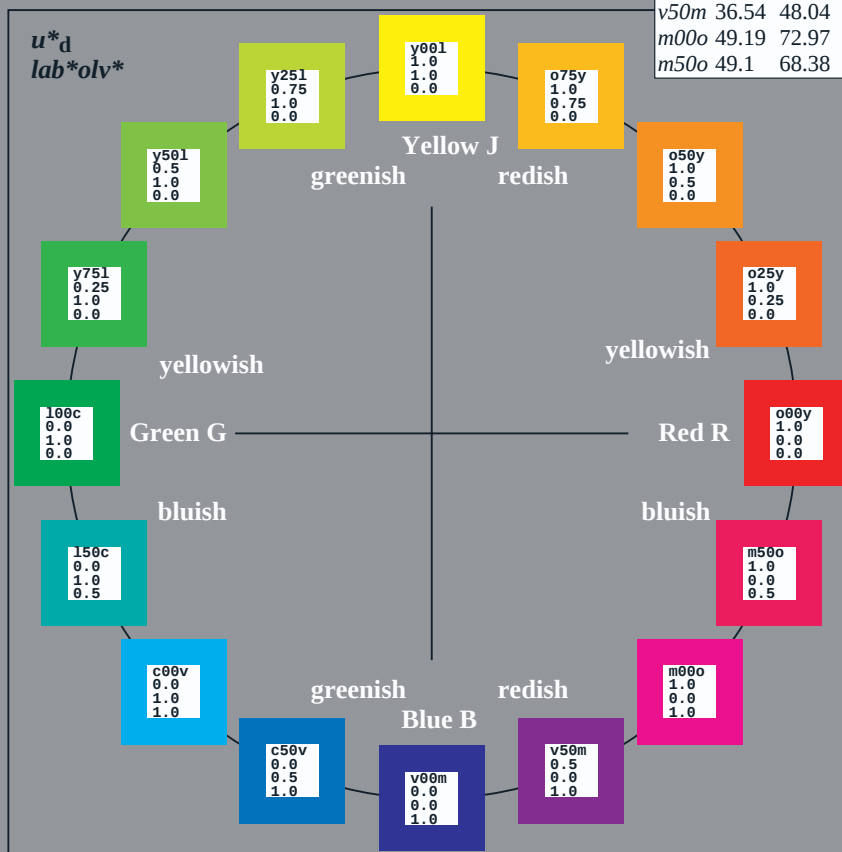
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

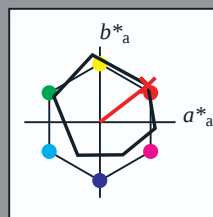
Hue texts:

$u^*_d = o00y$ $u^*_e = r18j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 49

$LAB^*LCH^*_{Ma}$: 49 80 37

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

$lab^*rgb^*_{Ma}$: 1.0 0.18 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

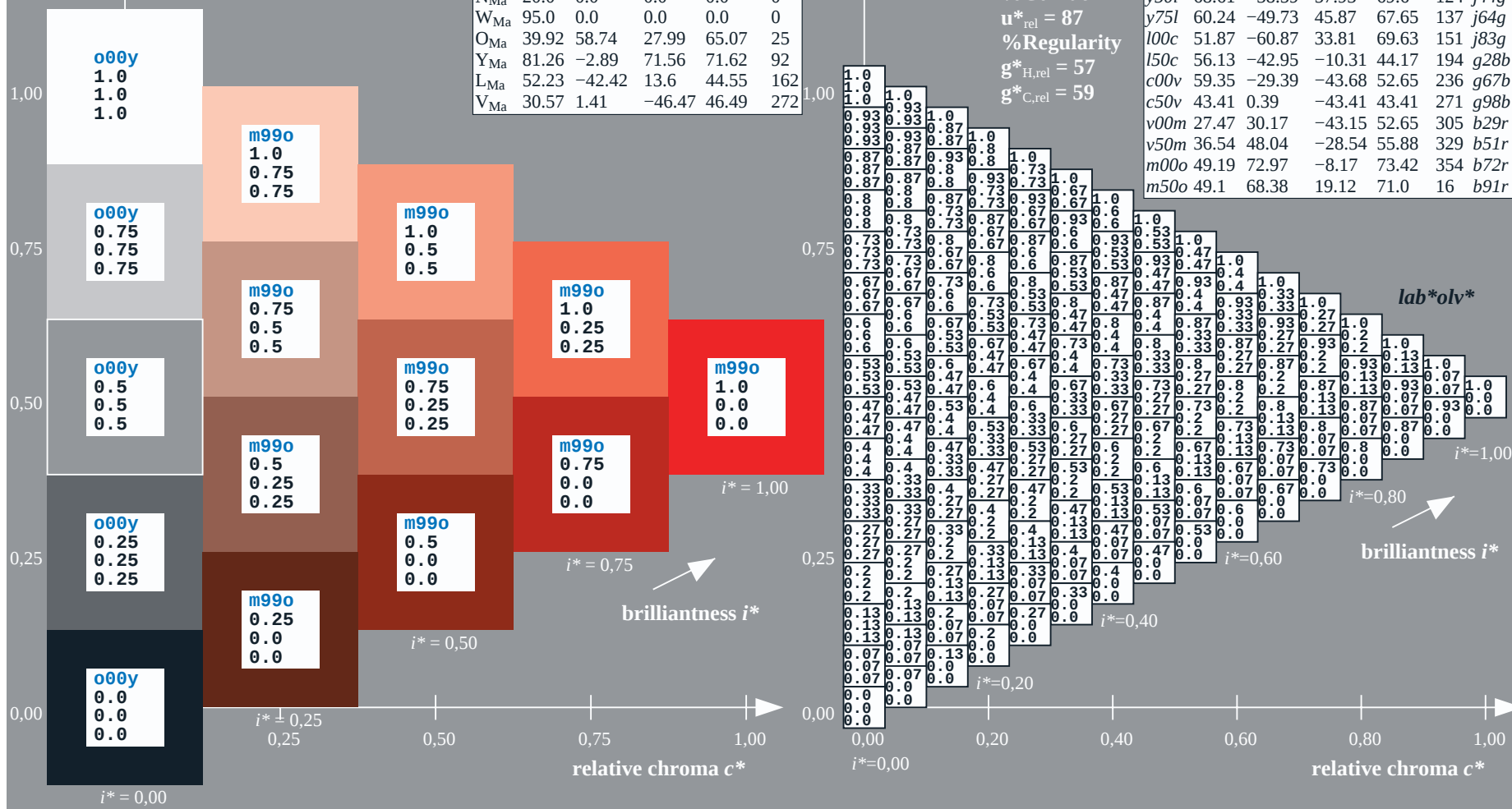
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$

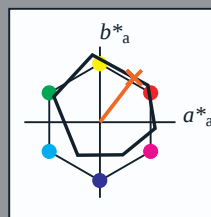
$u^*_d = o00y$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 59

$LAB^*LCH^*_{Ma}$: 59 74 52

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

$lab^*rgb^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

% Gamut

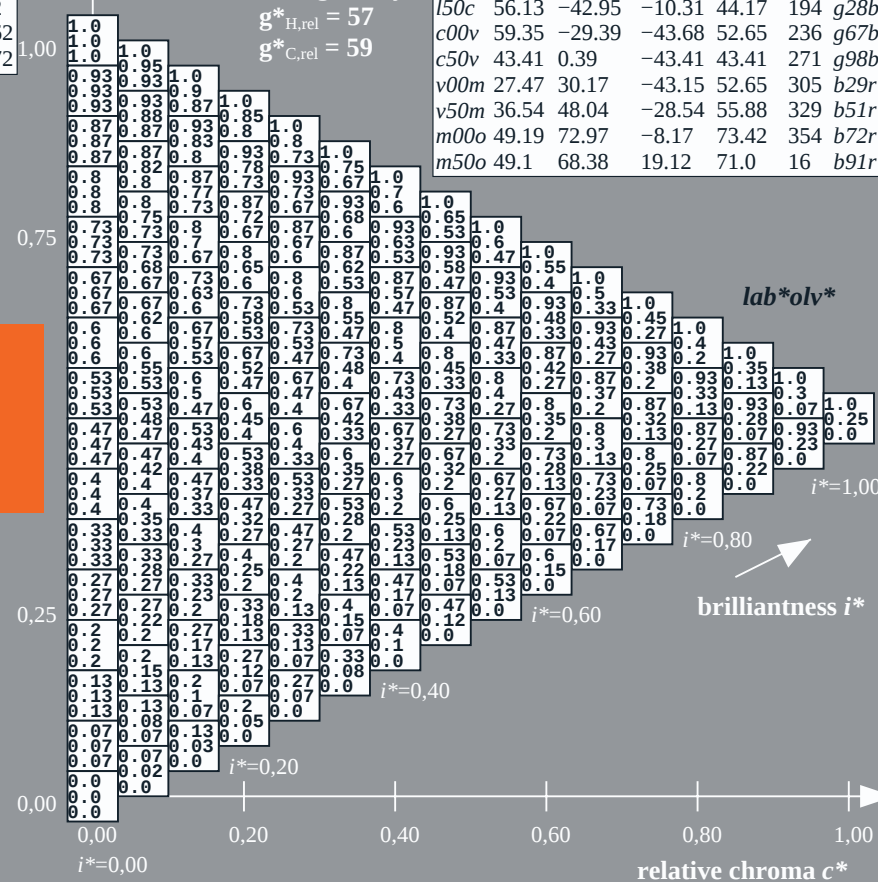
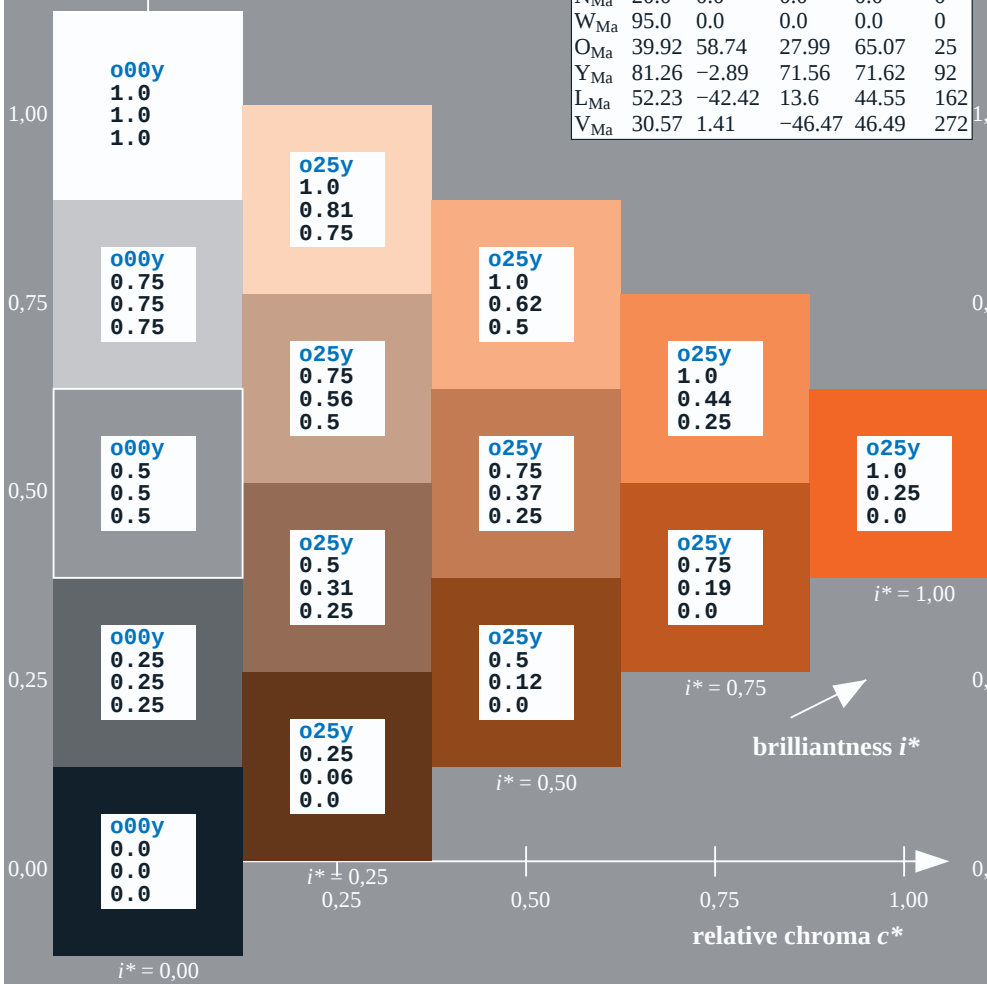
$u^*_{rel} = 87$

% Regularity

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

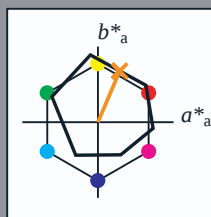
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o50y$ $u^*_e = r62j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 68

$LAB^*LCH^*_{Ma}$: 68 74 67

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

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

triangle lightness t^*

% Gamut

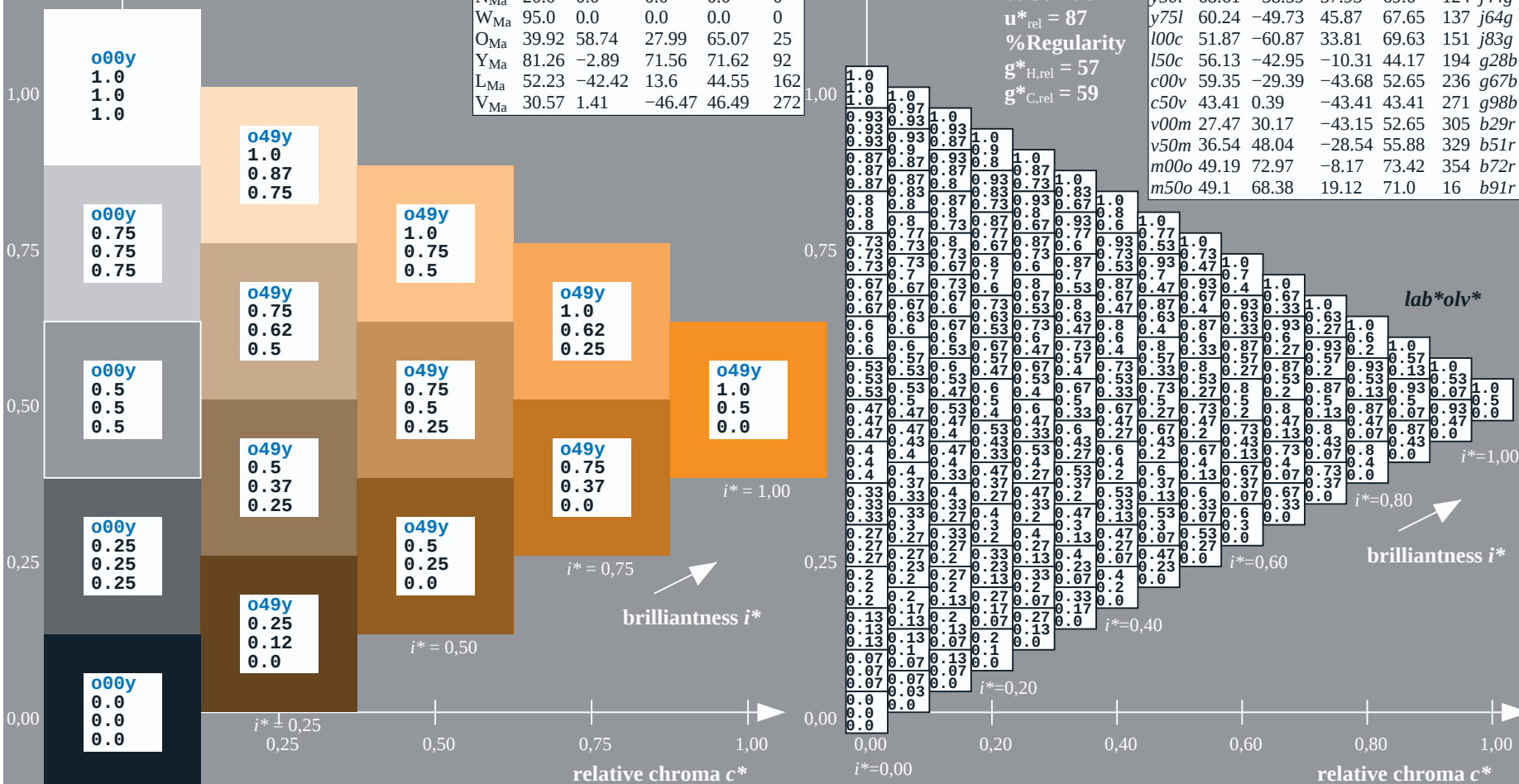
$u^*_{rel} = 87$

% Regularity

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

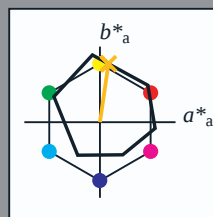
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o75y$ $u^*_e = r83j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 11 77

$LAB^*LCH^*_{Ma}$: 78 78 81

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

$lab^*rgb^*_{Ma}$: 1.0 0.84 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

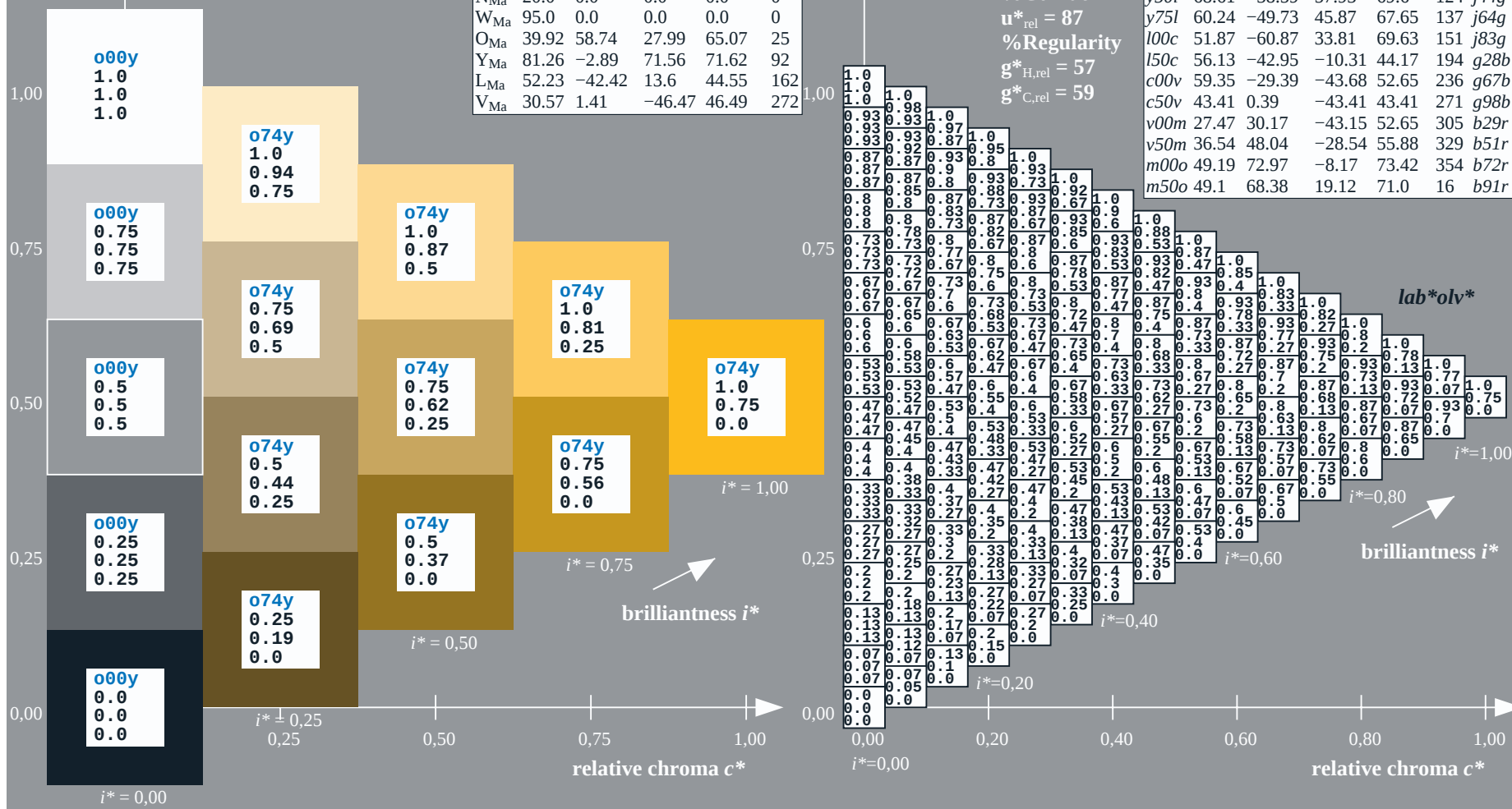
% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = o75y$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

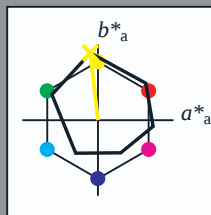
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 90 -10 89

$LAB^*LCH^*_{Ma}$: 90 89 96

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

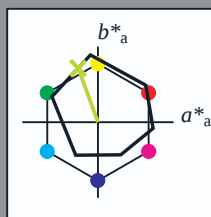
Hue texts:

$u^*_d = y25l$ $u^*_e = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 -26 71

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

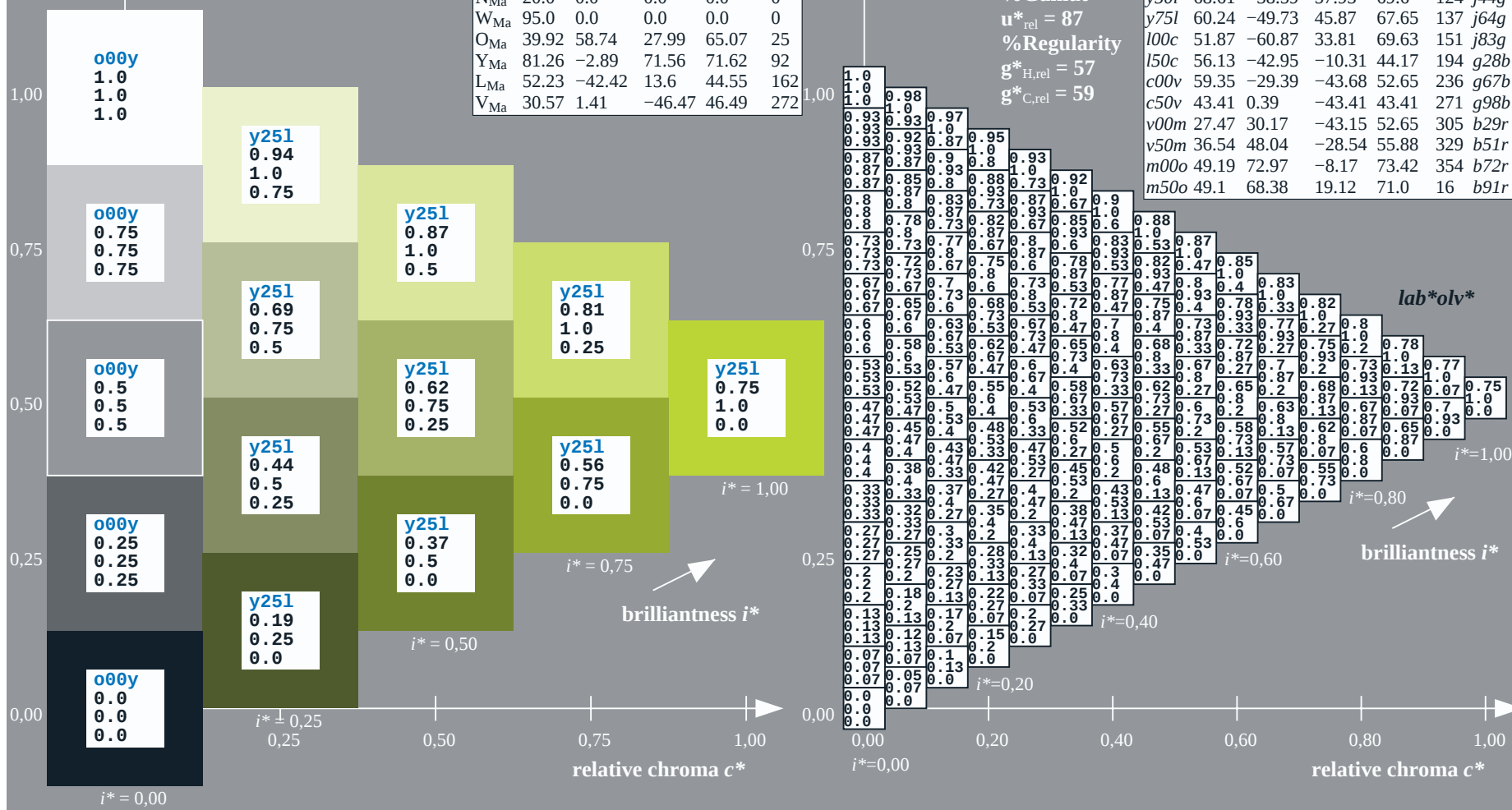
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = y25l$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

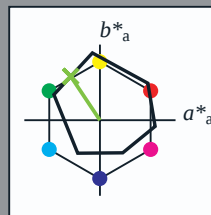
Hue texts:

$u^*_d = y50l$ $u^*_e = j44g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -39 58

$LAB^*LCH^*_{Ma}$: 69 70 123

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

$lab^*rgb^*_{Ma}$: 0.55 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

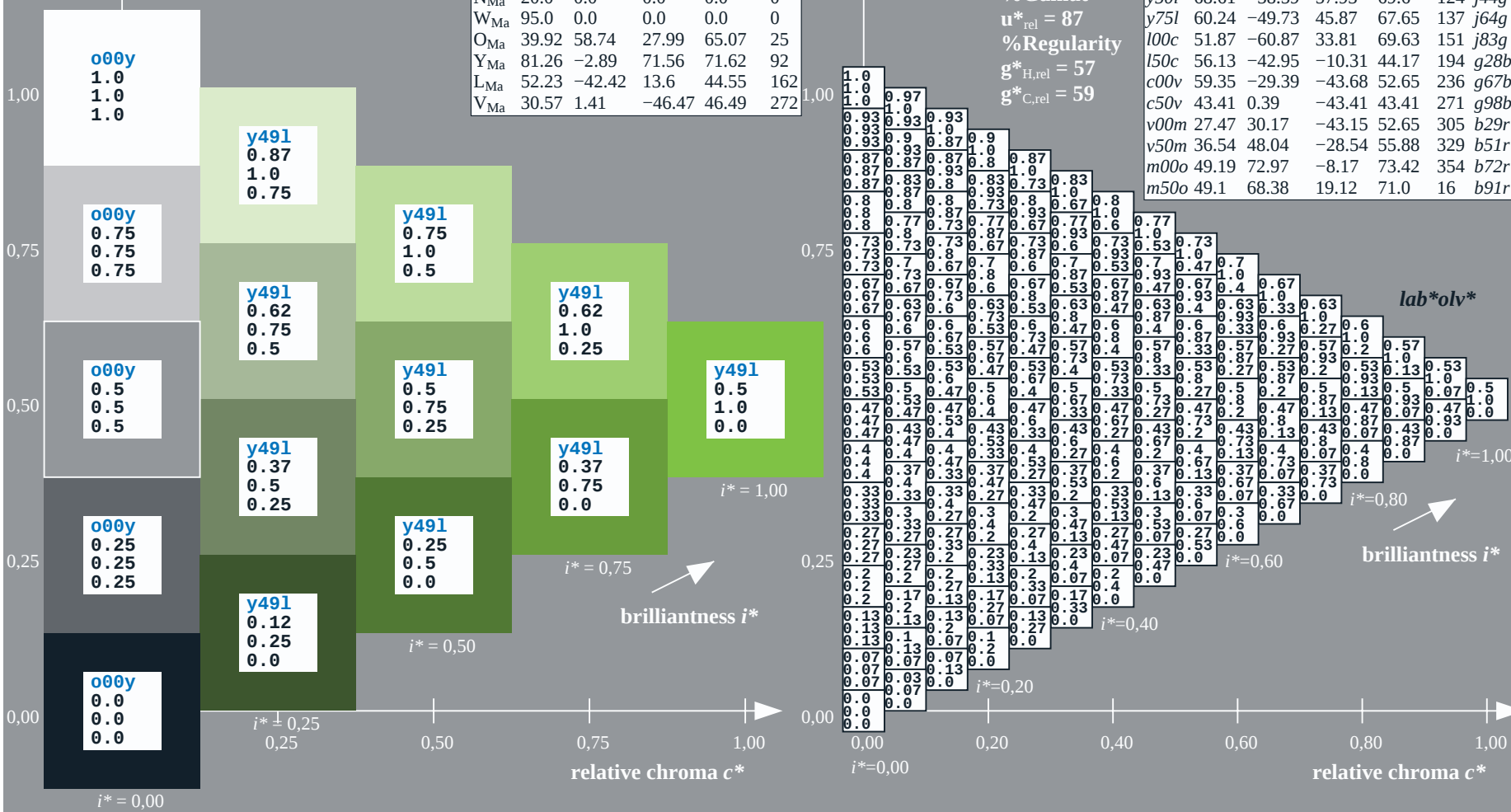
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

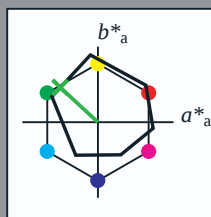
$u^*_d = y50l$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = y75l$ $u^*_e = j64g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 60 -50 46

$LAB^*LCH^*_{Ma}$: 60 68 137

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

$lab^*rgb^*_{Ma}$: 0.36 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}^*/360 = 0.419$

data for any colour:

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

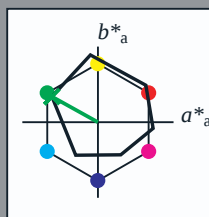
Hue texts:

$u^*_d = 100c$ $u^*_e = j83g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 -61 34

$LAB^*LCH^*_{Ma}$: 52 70 150

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

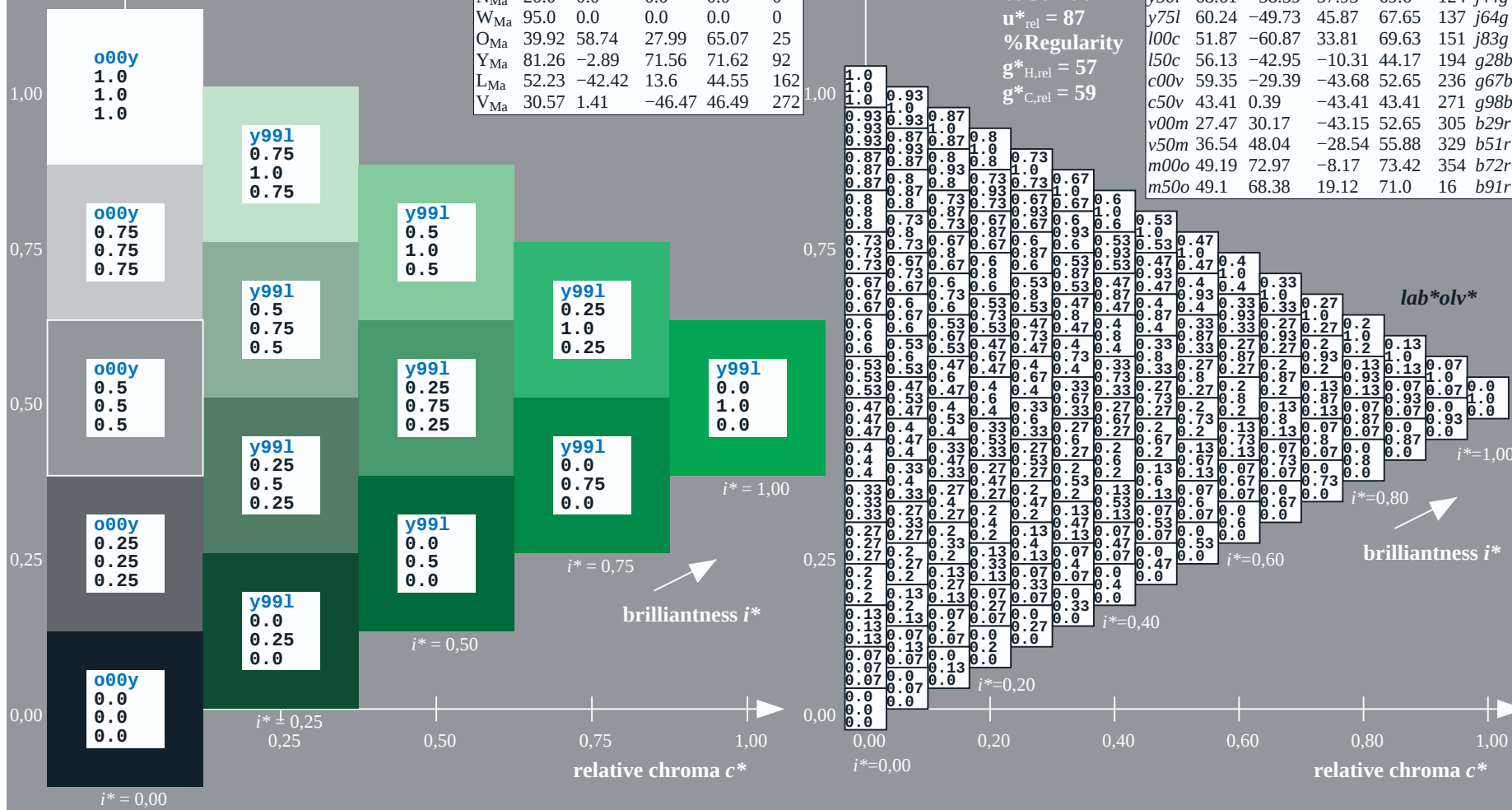
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38		r18j
o25y	59.11	45.34	58.73	74.2	52		r40j
o50y	68.41	28.75	67.79	73.63	67		r62j
o75y	78.21	11.28	77.33	78.15	82		r83j
y00l	90.12	-9.95	88.92	89.48	96		j06g
y25l	78.02	-26.06	71.49	76.09	110		j25g
y50l	68.61	-38.59	57.93	69.6	124		j44g
y75l	60.24	-49.73	45.87	67.65	137		j64g
l00c	51.87	-60.87	33.81	69.63	151		j83g
l50c	56.13	-42.95	-10.31	44.17	194		g28b
c00v	59.35	-29.39	-43.68	52.65	236		g67b
c50v	43.41	0.39	-43.41	43.41	271		g98b
v00m	27.47	30.17	-43.15	52.65	305		b29r
v50m	36.54	48.04	-28.54	55.88	329		b51r
m00o	49.19	72.97	-8.17	73.42	354		b72r
m50o	49.1	68.38	19.12	71.0	16		b91r

$u^*_d = 100c$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$

data for any colour:

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

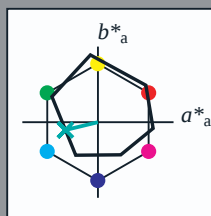
Hue texts:

$u^*_d = 150c$ $u^*_e = g28b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 -10

$LAB^*LCH^*_{Ma}$: 56 44 193

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

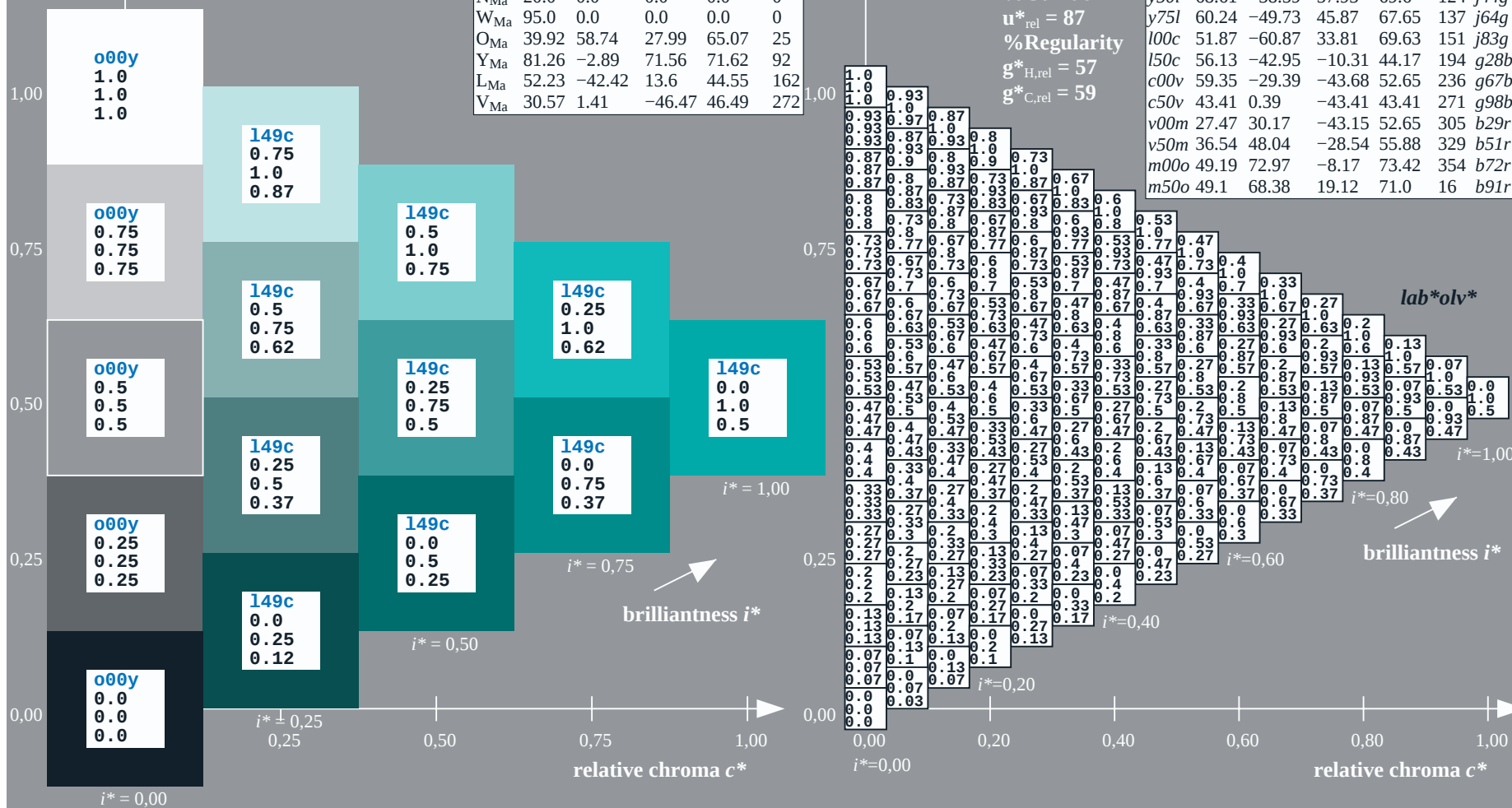
% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

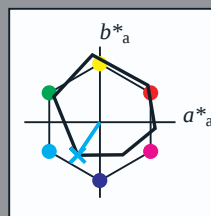
Hue texts:

$u^*_d = c00v$ $u^*_e = g67b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -29 -44

$LAB^*LCH^*_{Ma}$: 59 53 236

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

$lab^*rgb^*_{Ma}$: 0.0 0.65 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

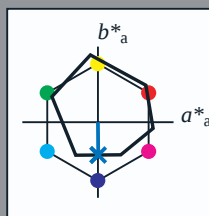
Hue texts:

$u^*_d = c50v$ $u^*_e = g98b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 0 -43

$LAB^*LCH^*_{Ma}$: 43 43 270

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

$lab^*rgb^*_{Ma}$: 0.0 0.02 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

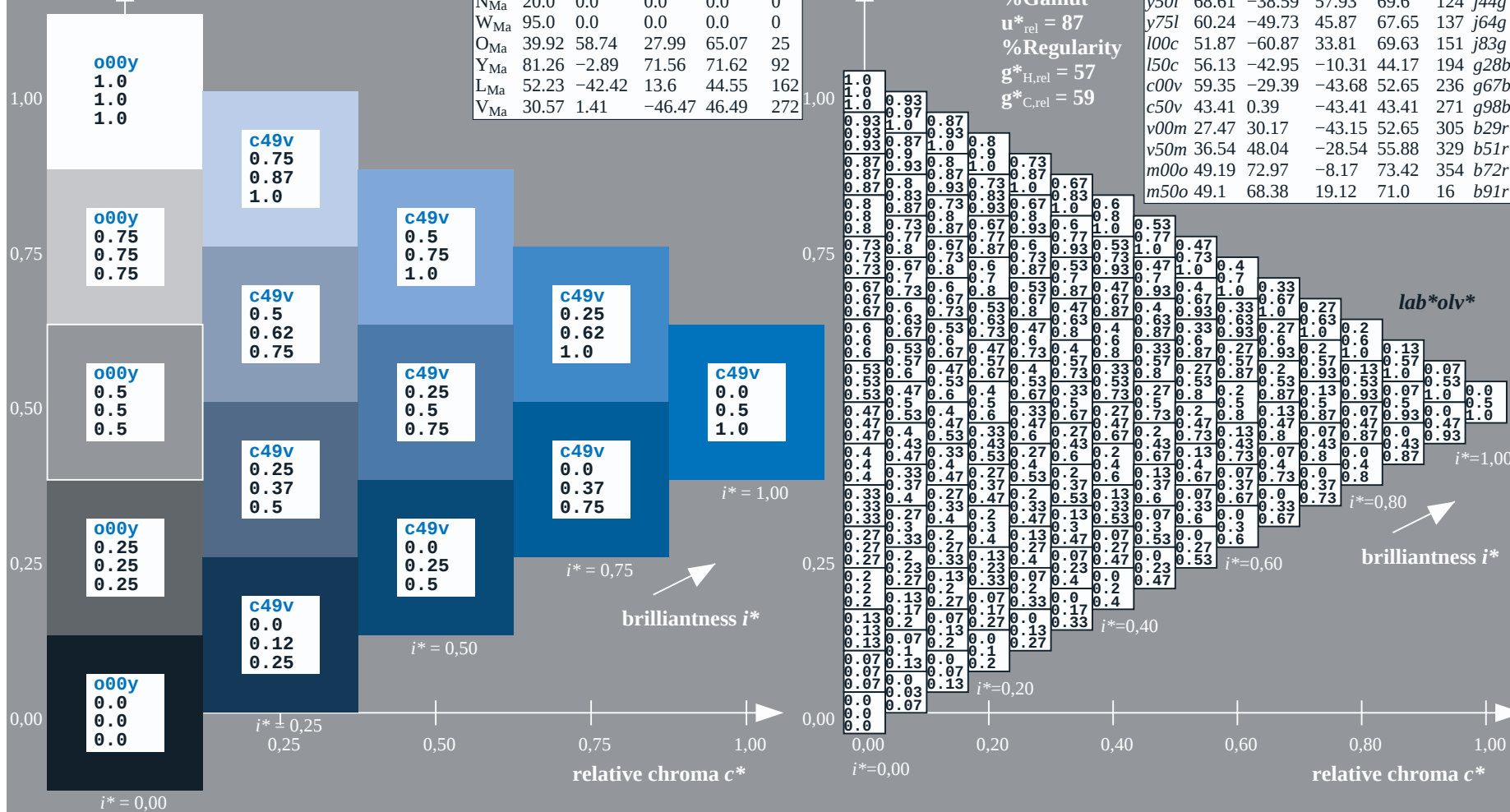
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

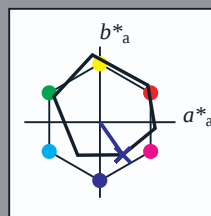
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b29r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	49.0	63.38	48.88	80.04	38	r18j
Y _{Ma}	90.12	-9.95	88.92	89.48	96	r40j
L _{Ma}	51.87	-60.87	33.81	69.63	151	r62j
C _{Ma}	59.35	-29.39	-43.68	52.65	236	r83j
V _{Ma}	27.47	30.17	-43.15	52.65	305	j06g
M _{Ma}	49.19	72.97	-8.17	73.42	354	j25g
N _{Ma}	20.0	0.0	0.0	0.0	0	j44g
W _{Ma}	95.0	0.0	0.0	0.0	0	j64g
O _{Ma}	39.92	58.74	27.99	65.07	25	j83g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g28b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g67b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g98b

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 27 30 -43

$LAB^*LCH^*_{Ma}$: 27 53 304

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

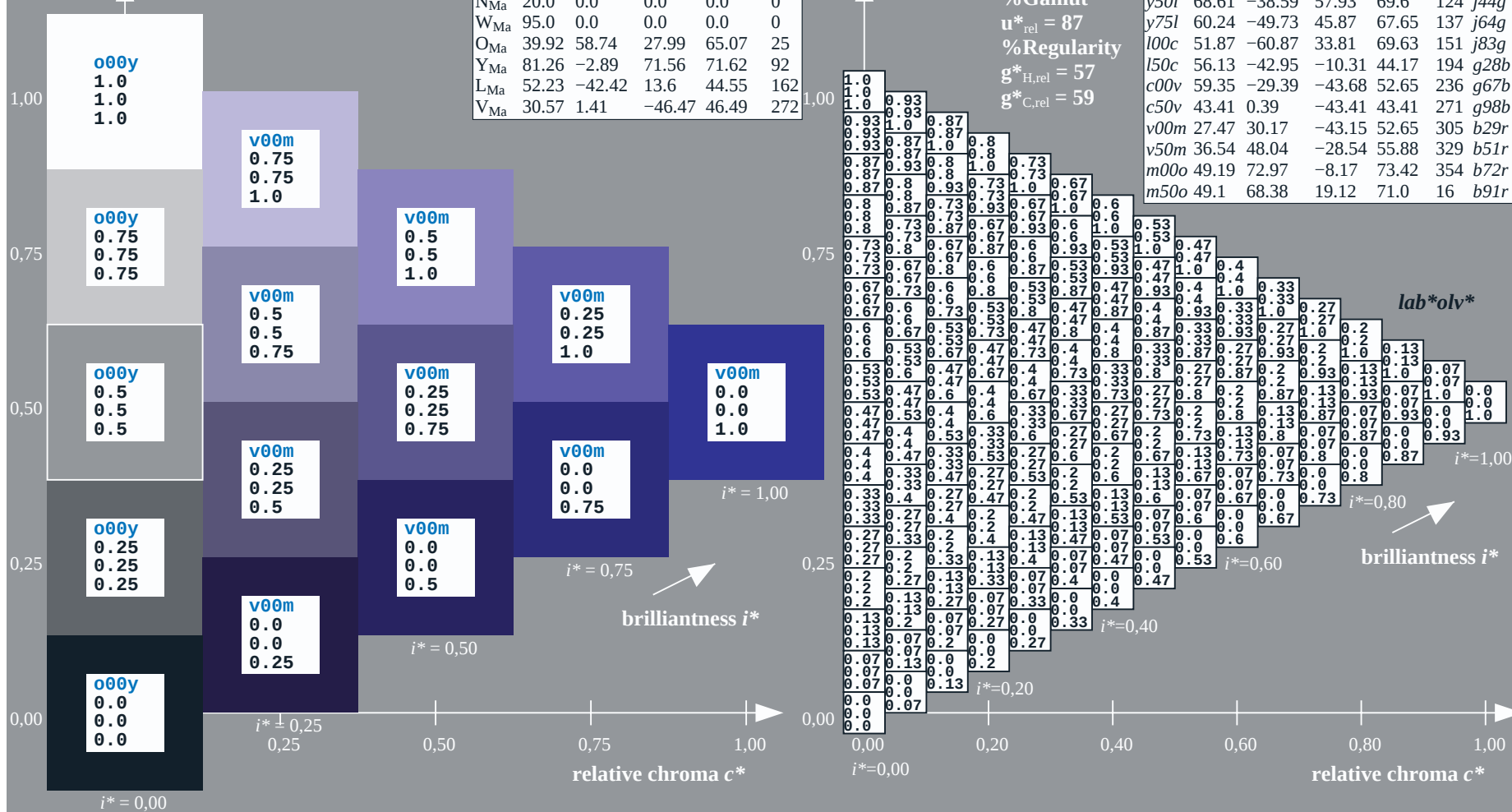
% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = v00m$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$

data for any colour:

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

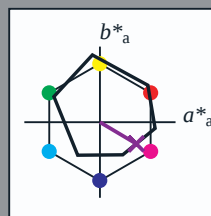
Hue texts:

$u^*_d = v50m$ $u^*_e = b51r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 48 -29

$LAB^*LCH^*_{Ma}$: 37 56 329

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

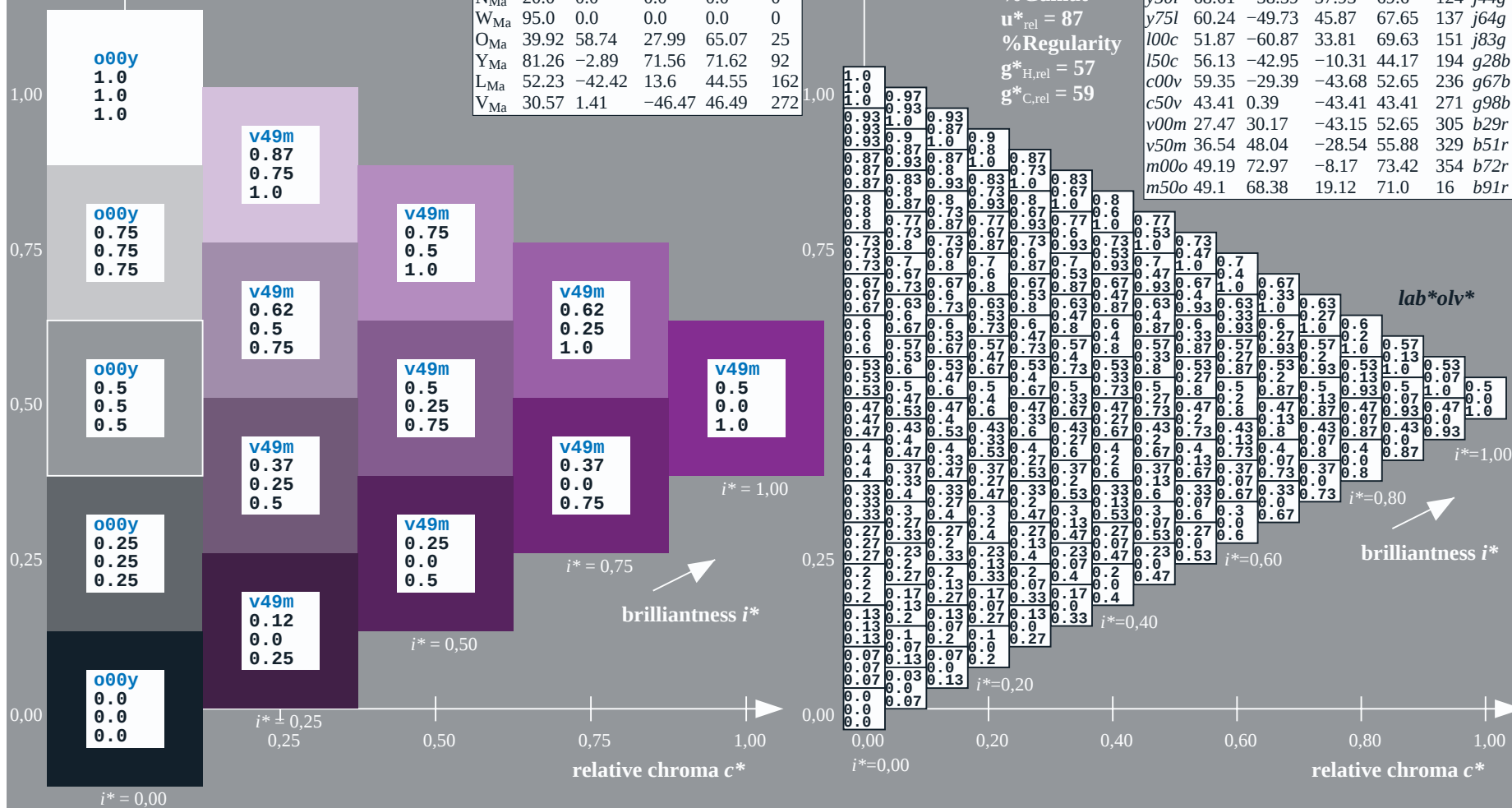
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

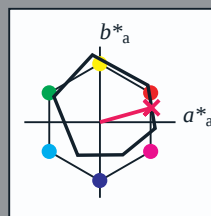
Hue texts:

$u^*_d = m50o$ $u^*_e = b91r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 68 19

$LAB^*LCH^*_{Ma}$: 49 71 15

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.17

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

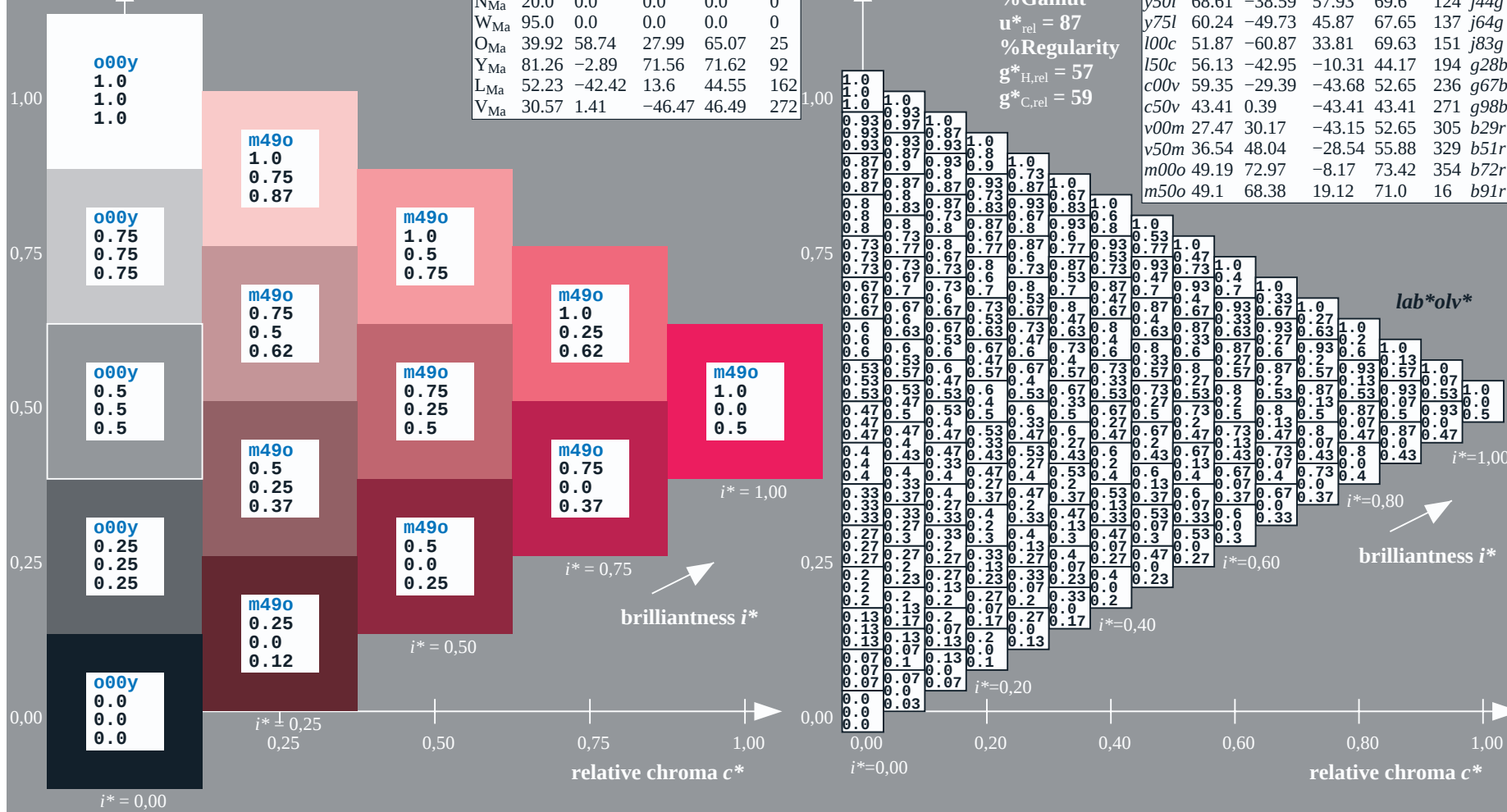
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



See for similar files: <http://www.ps.bam.de/Ee65/>; www.ps.bam.de/Ee.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=1

BAM registration: 20081001-Ee65/10L/L65E00FP.PS/.PDF BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*ol*v*			
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	
	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25		
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	
	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	
	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.75	0.75	0.75	0.75	
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75		
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.88	0.88	0.88	0.88
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.88	0.88	0.88	0.88	
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88	
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	1.0	1.0	1.0	1.0	
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0	
10	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	
11	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.07	0.07	0.07	0.07
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.07	0.07	0.07	0.07	
	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.07	0.07	0.07	0.07	
12	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13	0.13
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0																																

Input and output:

Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

device hue text:

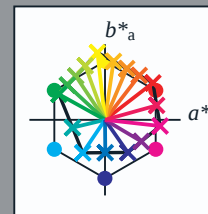
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



%Gamut

$u^*_{rel} = 87$

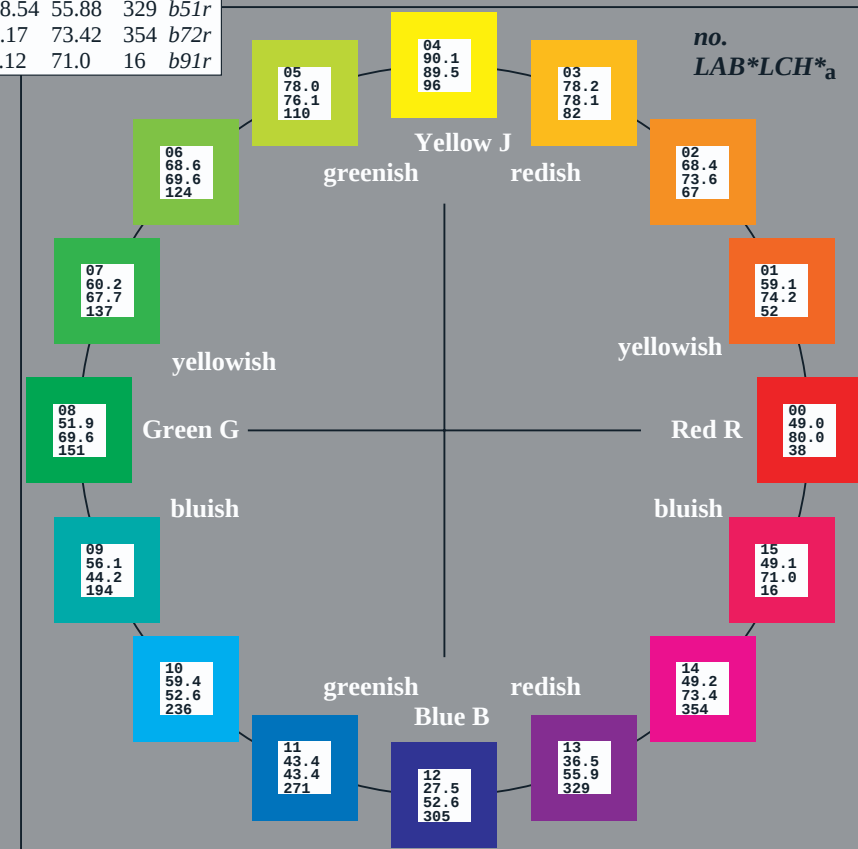
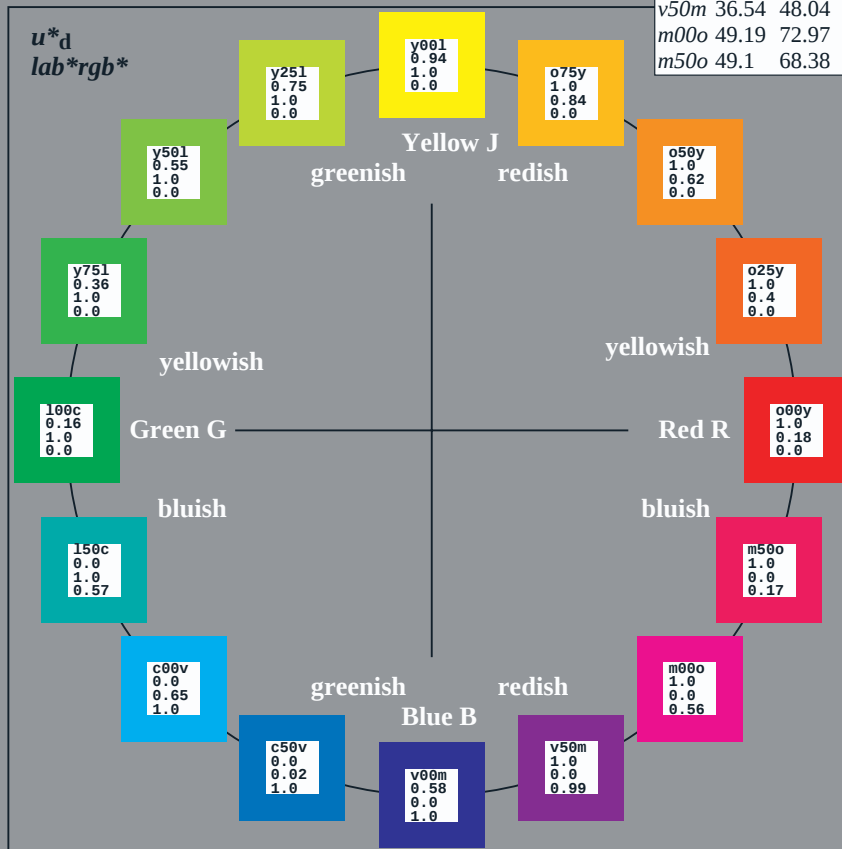
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
<i>O</i> _{Ma}	49.0	63.38	48.88	80.04	38
<i>Y</i> _{Ma}	90.12	-9.95	88.92	89.48	96
<i>L</i> _{Ma}	51.87	-60.87	33.81	69.63	151
<i>C</i> _{Ma}	59.35	-29.39	-43.68	52.65	236
<i>V</i> _{Ma}	27.47	30.17	-43.15	52.65	305
<i>M</i> _{Ma}	49.19	72.97	-8.17	73.42	354
<i>N</i> _{Ma}	20.0	0.0	0.0	0.0	0
<i>W</i> _{Ma}	95.0	0.0	0.0	0.0	0
<i>O</i> _{CIE}	39.92	58.74	27.99	65.07	25
<i>Y</i> _{CIE}	81.26	-2.89	71.56	71.62	92
<i>L</i> _{CIE}	52.23	-42.42	13.6	44.55	162
<i>V</i> _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}^*/360 = 0.105$

data for any colour:

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

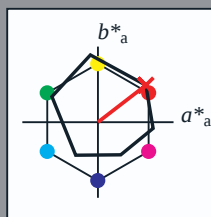
Hue texts:

$u^*_d = o00y$ $u^*_e = r18j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 49

$LAB^*LCH^*_{Ma}$: 49 80 37

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

$lab^*rgb^*_{Ma}$: 1.0 0.18 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

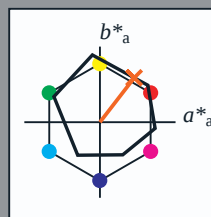
$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	49.0	63.38	48.88	80.04	38	r18j
Y _{Ma}	90.12	-9.95	88.92	89.48	96	r40j
L _{Ma}	51.87	-60.87	33.81	69.63	151	r62j
C _{Ma}	59.35	-29.39	-43.68	52.65	236	r83j
V _{Ma}	27.47	30.17	-43.15	52.65	305	j06g
M _{Ma}	49.19	72.97	-8.17	73.42	354	j25g
N _{Ma}	20.0	0.0	0.0	0.0	0	j44g
W _{Ma}	95.0	0.0	0.0	0.0	0	j64g
O _{Ma}	39.92	58.74	27.99	65.07	25	j83g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g28b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g67b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g98b

Data for maximum colour (Ma):

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

$LAB^*LCH^*_{Ma}$: 59 74 52

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

$lab^*rgb^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

% Gamut

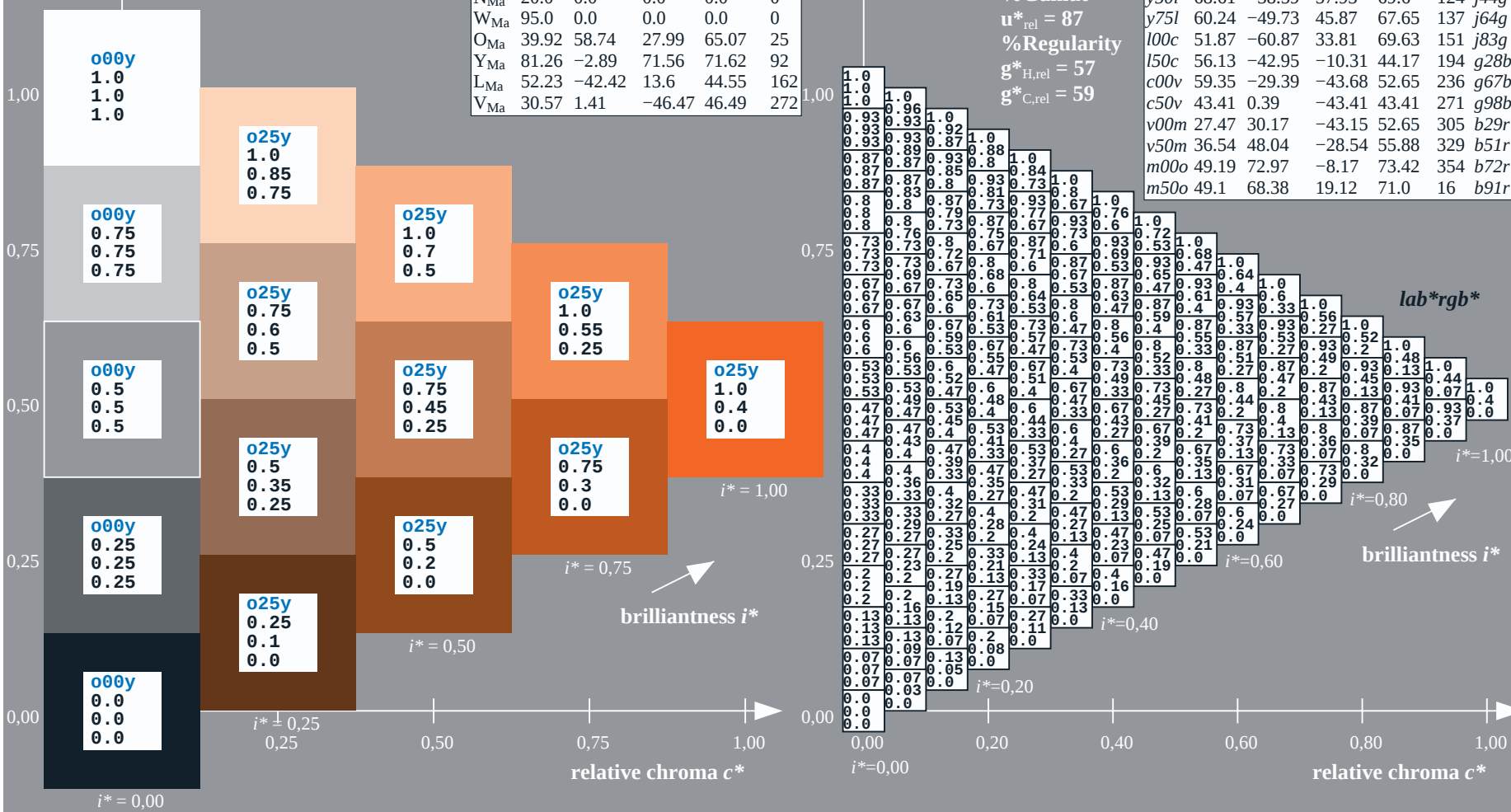
$u^*_{rel} = 87$

% Regularity

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

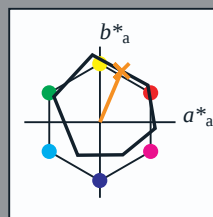
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o50y$ $u^*_e = r62j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 68

$LAB^*LCH^*_{Ma}$: 68 74 67

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

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

triangle lightness t^*

% Gamut

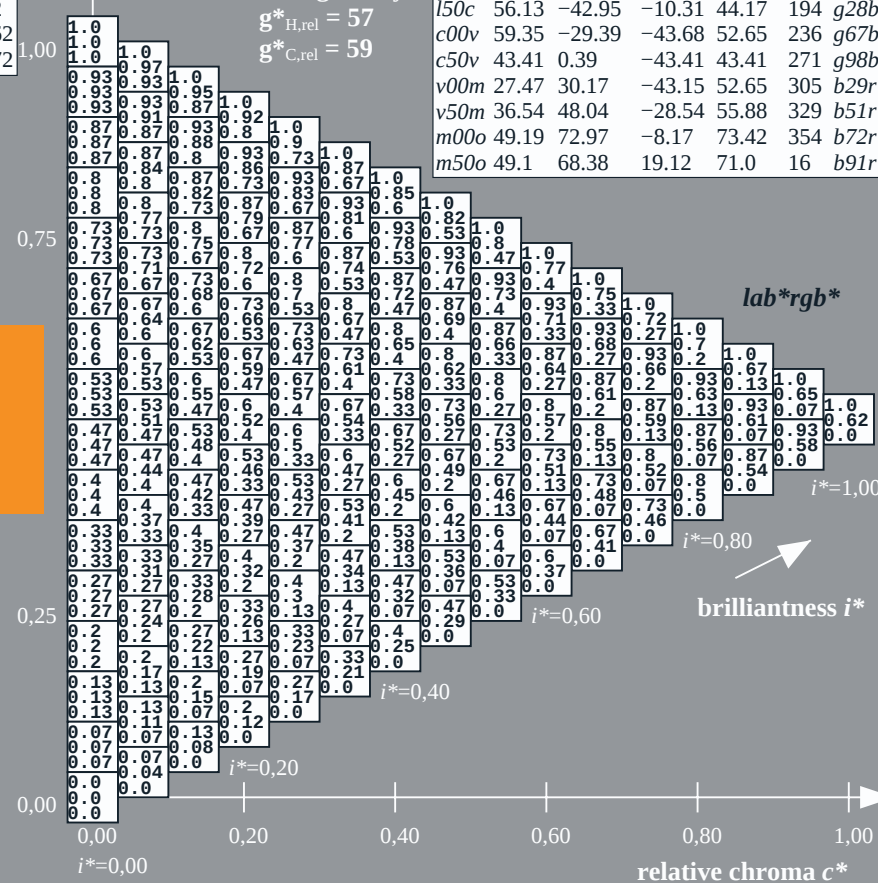
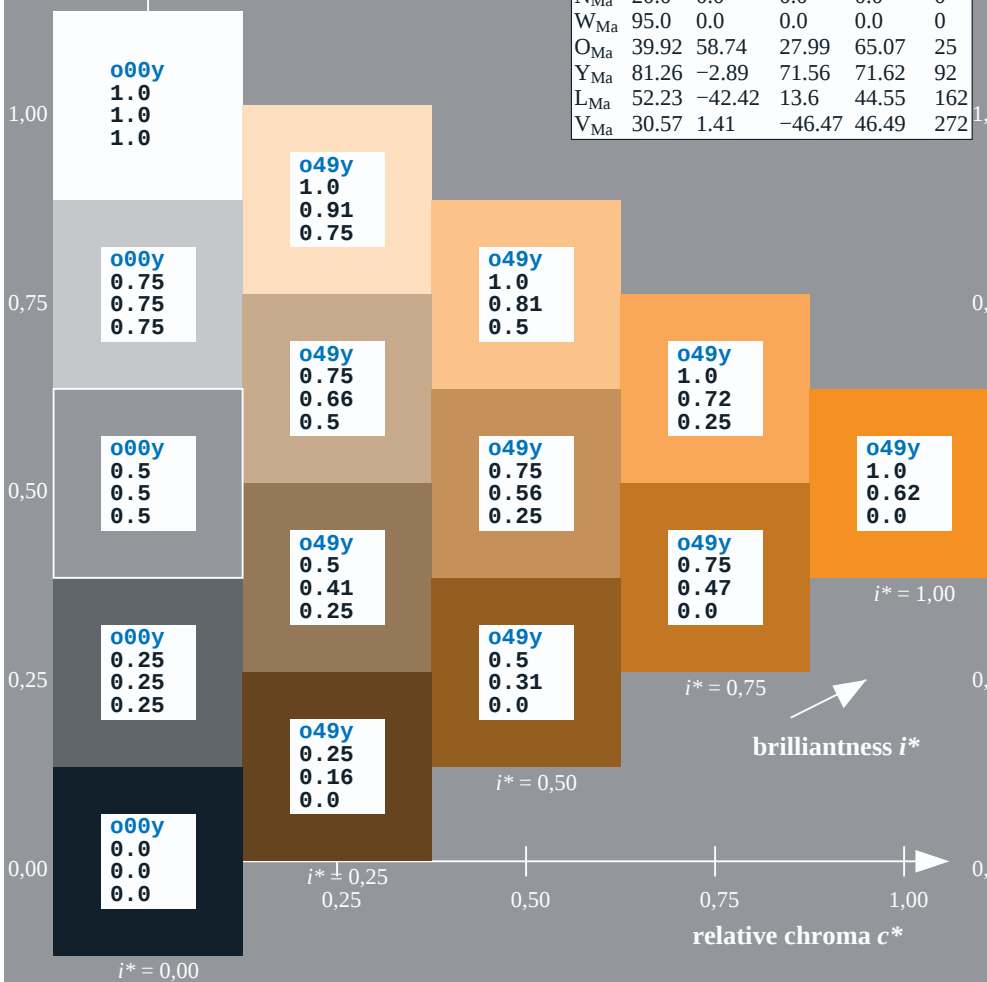
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

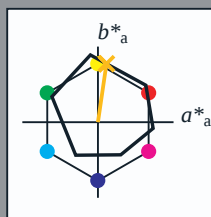
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o75y$ $u^*_e = r83j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 11 77

$LAB^*LCH^*_{Ma}$: 78 78 81

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

$lab^*rgb^*_{Ma}$: 1.0 0.84 0.0

triangle lightness t^*

% Gamut

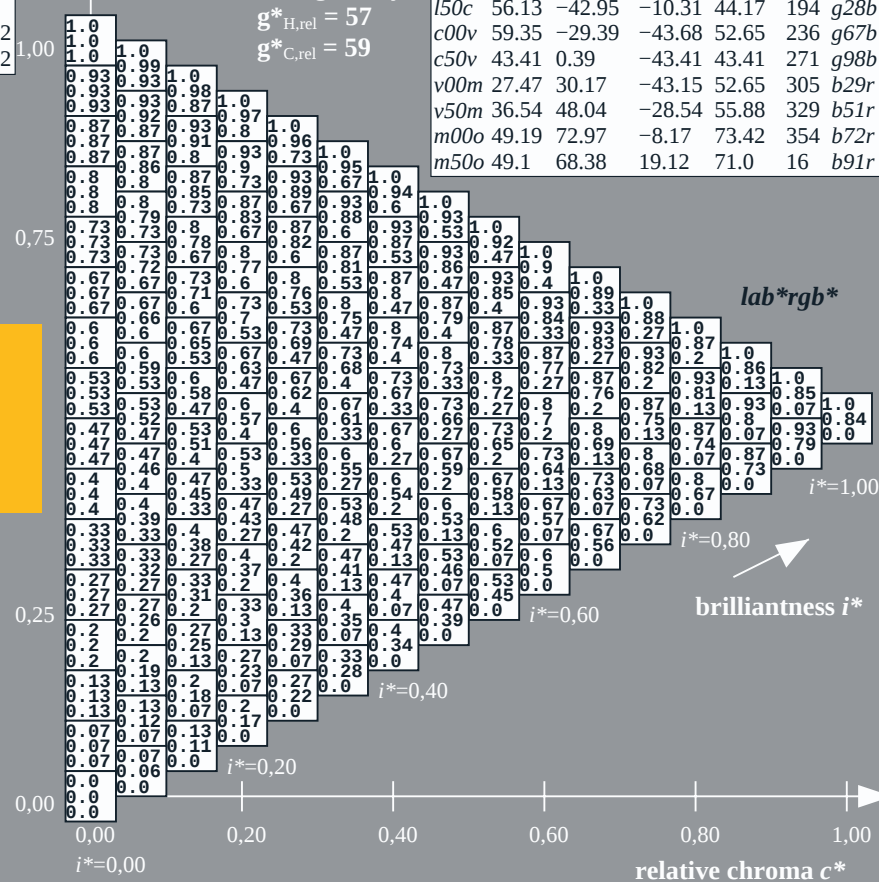
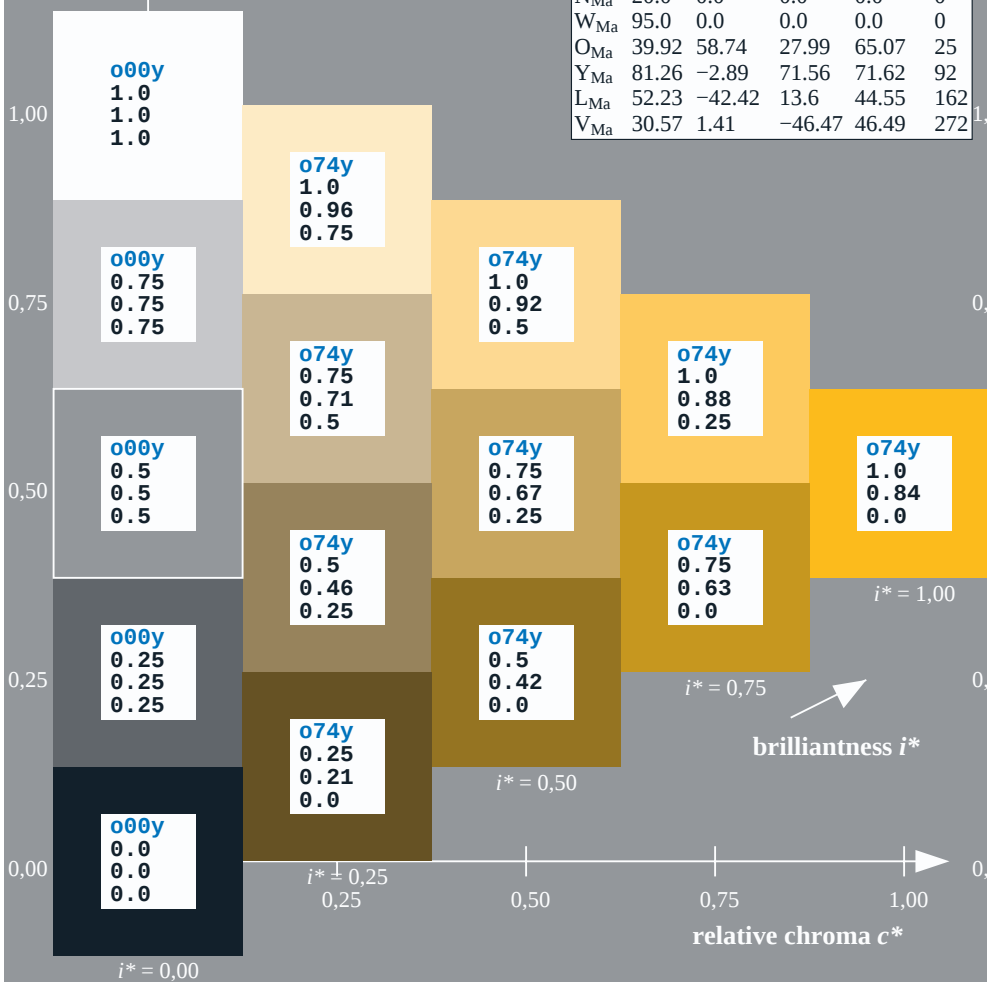
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

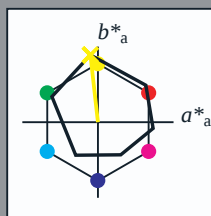
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 90 -10 89

$LAB^*LCH^*_{Ma}$: 90 89 96

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

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

triangle lightness t^*

% Gamut

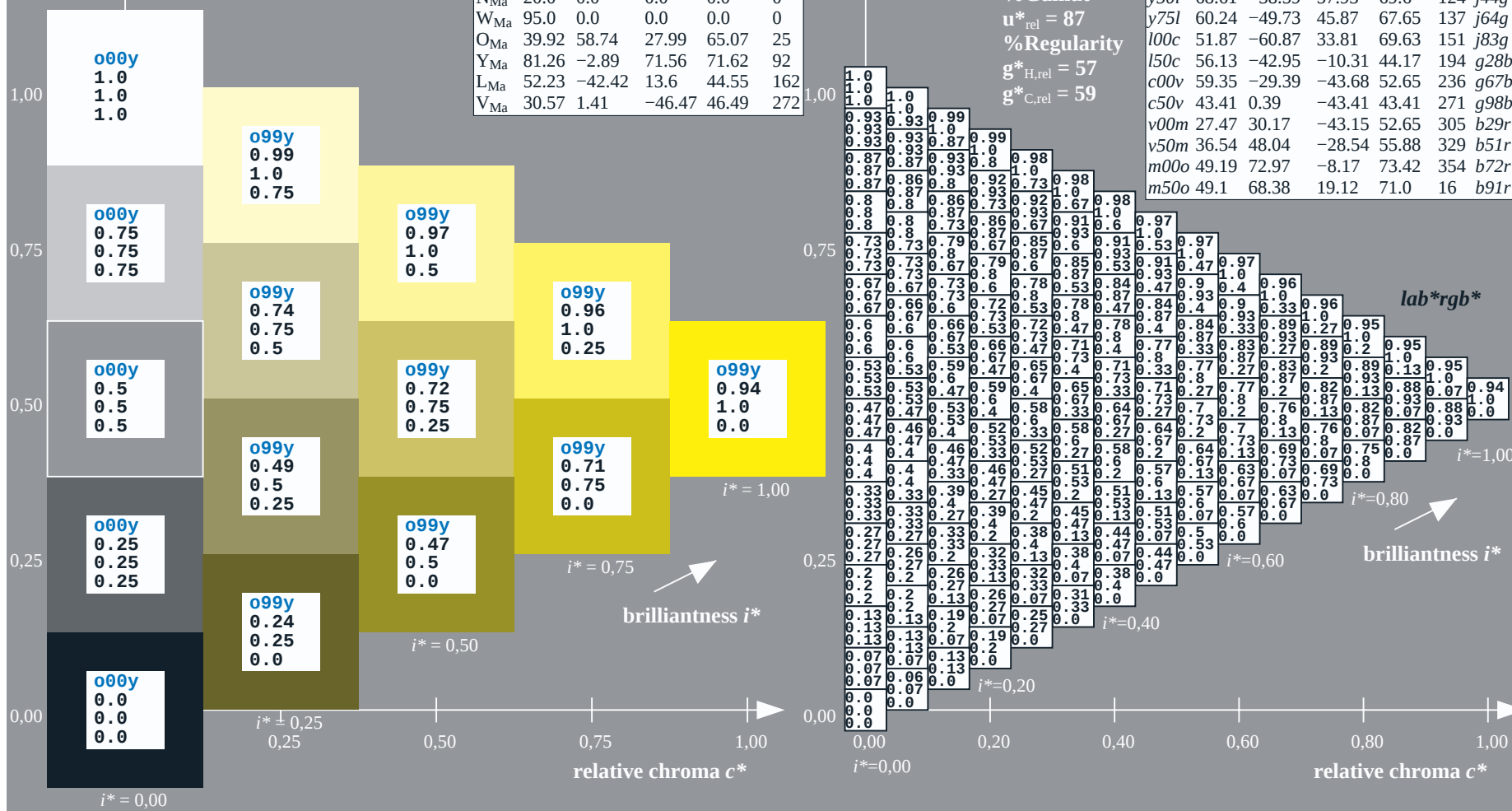
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

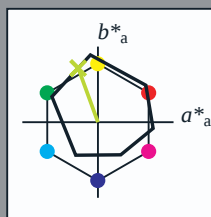
Hue texts:

$u^*_d = y25l$ $u^*_e = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 -26 71

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

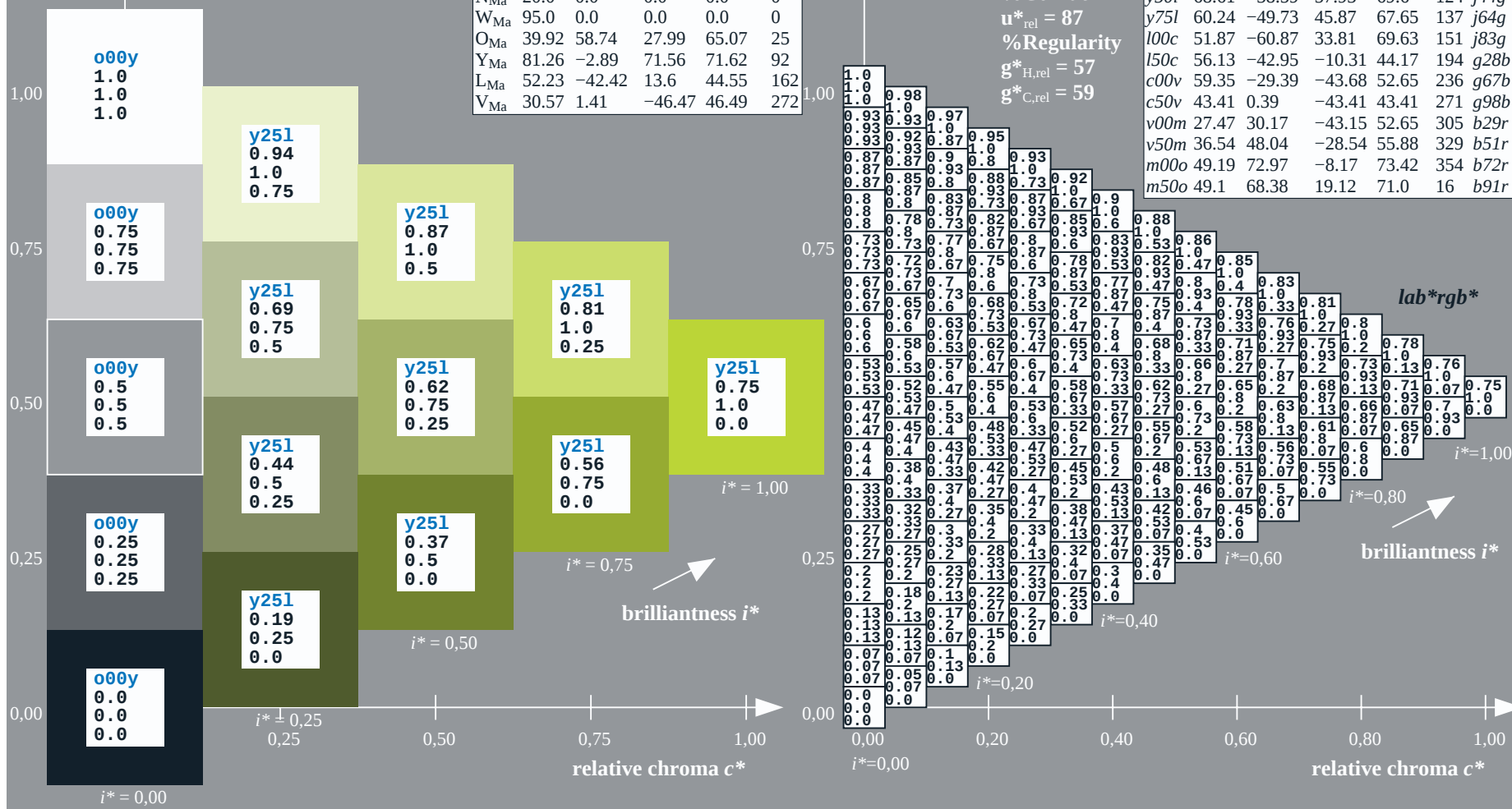
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = y25l$
 lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

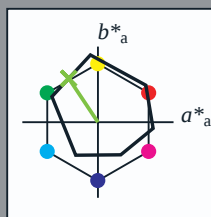
Hue texts:

$u^*_d = y50l$ $u^*_e = j44g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -39 58

$LAB^*LCH^*_{Ma}$: 69 70 123

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

$lab^*rgb^*_{Ma}$: 0.55 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

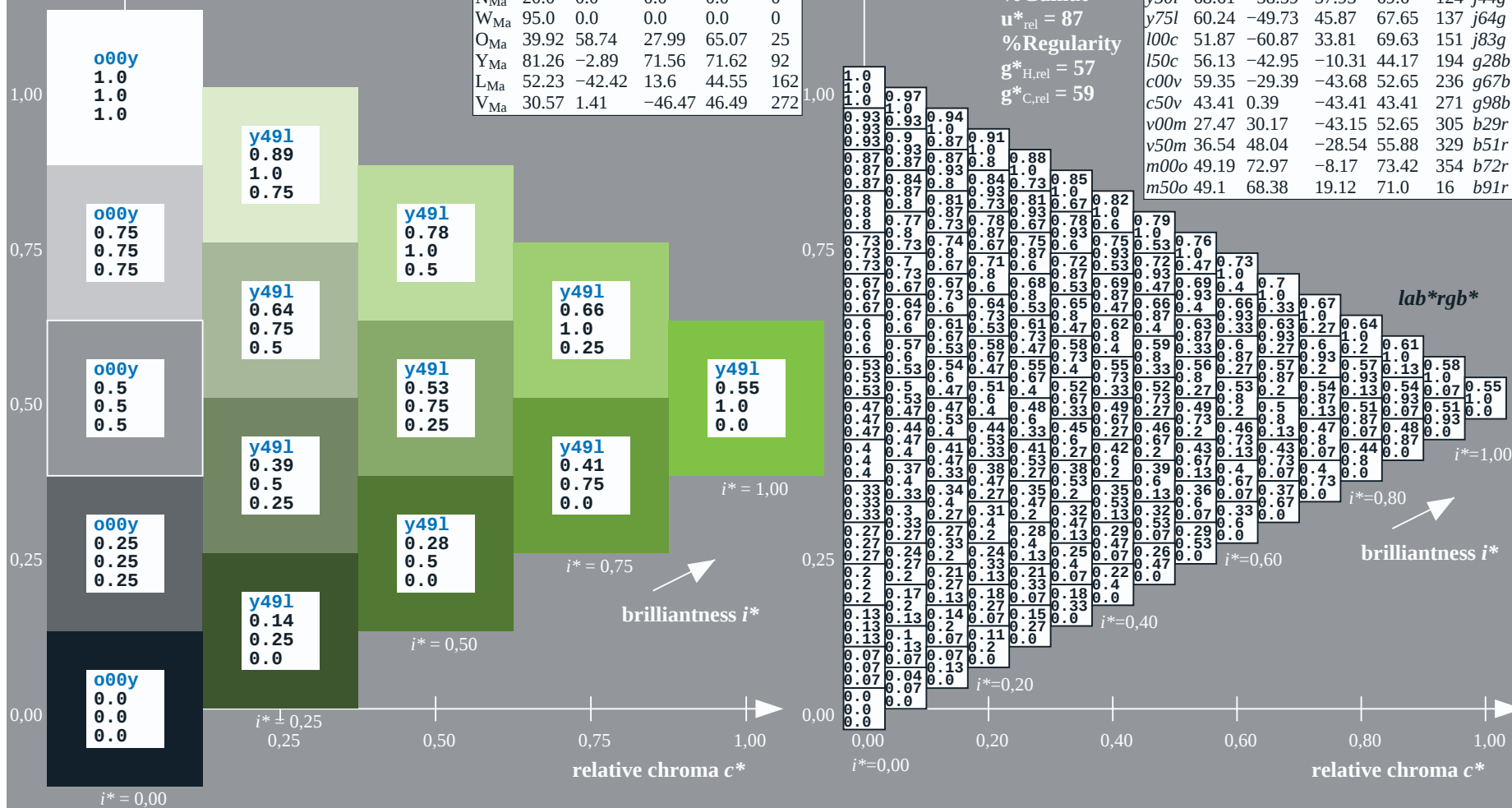
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = y50l$
 lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:

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

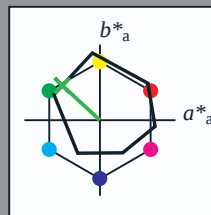
Hue texts:

$u^*_d = y75l$ $u^*_e = j64g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 60 -50 46

$LAB^*LCH^*_{Ma}$: 60 68 137

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

$lab^*rgb^*_{Ma}$: 0.36 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

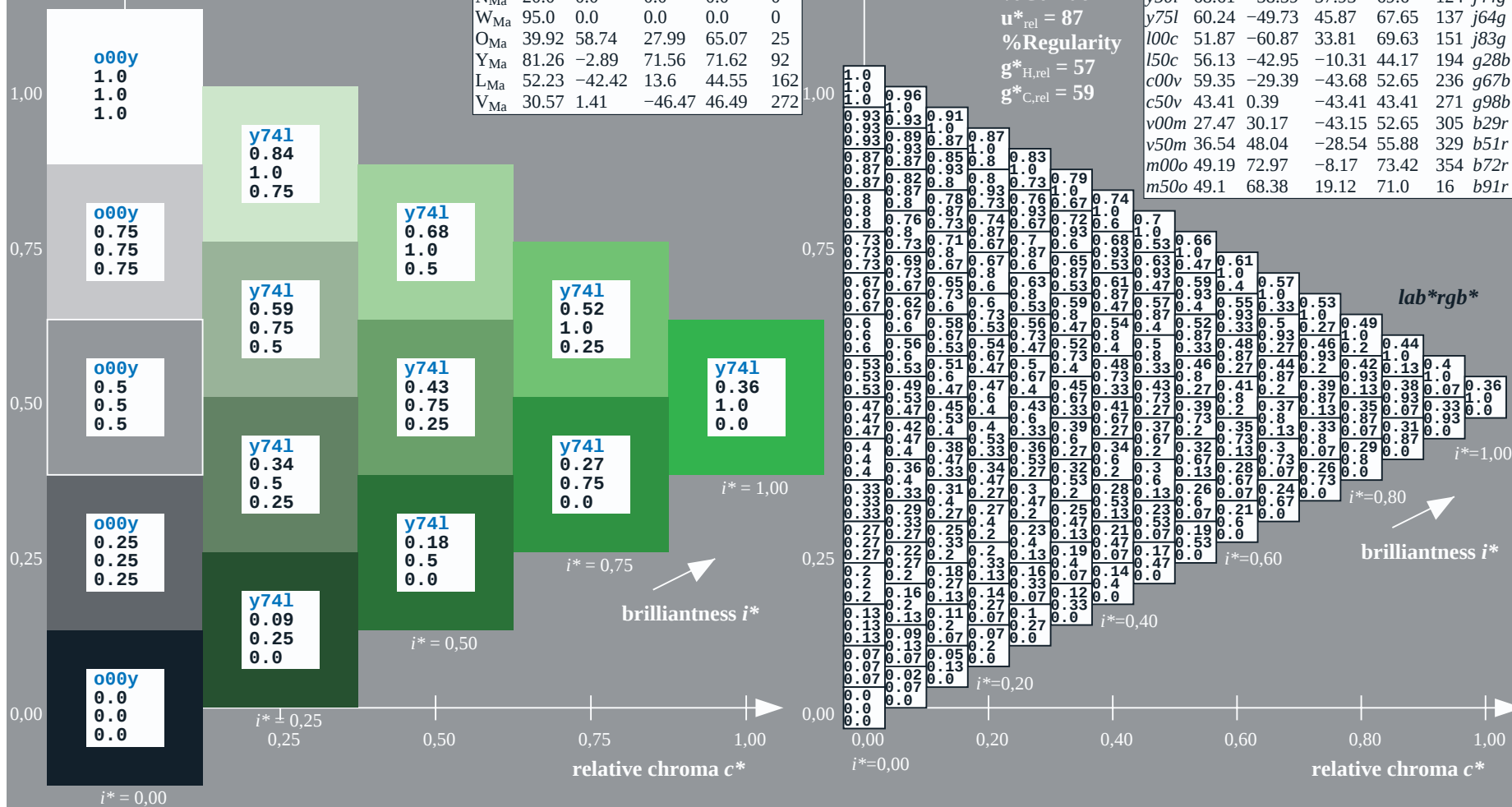
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

$u^*_d = y75l$
 lab^*rgb^*

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

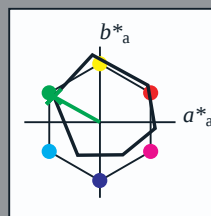
Hue texts:

$u^*_d = 100c$ $u^*_e = j83g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -61 34

$LAB^*LCH^*_{Ma}$: 52 70 150

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

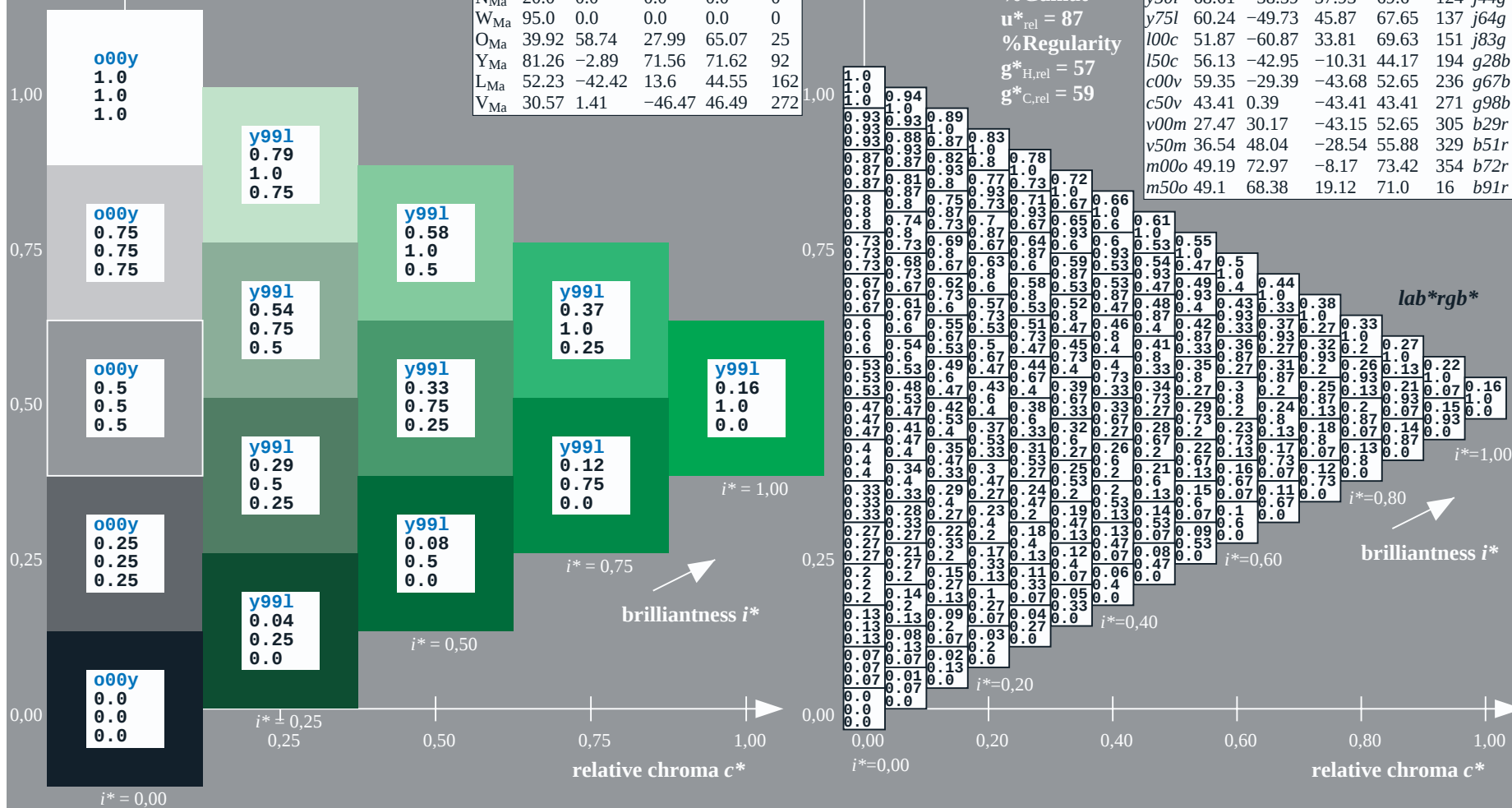
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

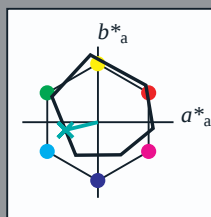
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = 100c$
 lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g28b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 -10

$LAB^*LCH^*_{Ma}$: 56 44 193

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57

triangle lightness t^*

% Gamut

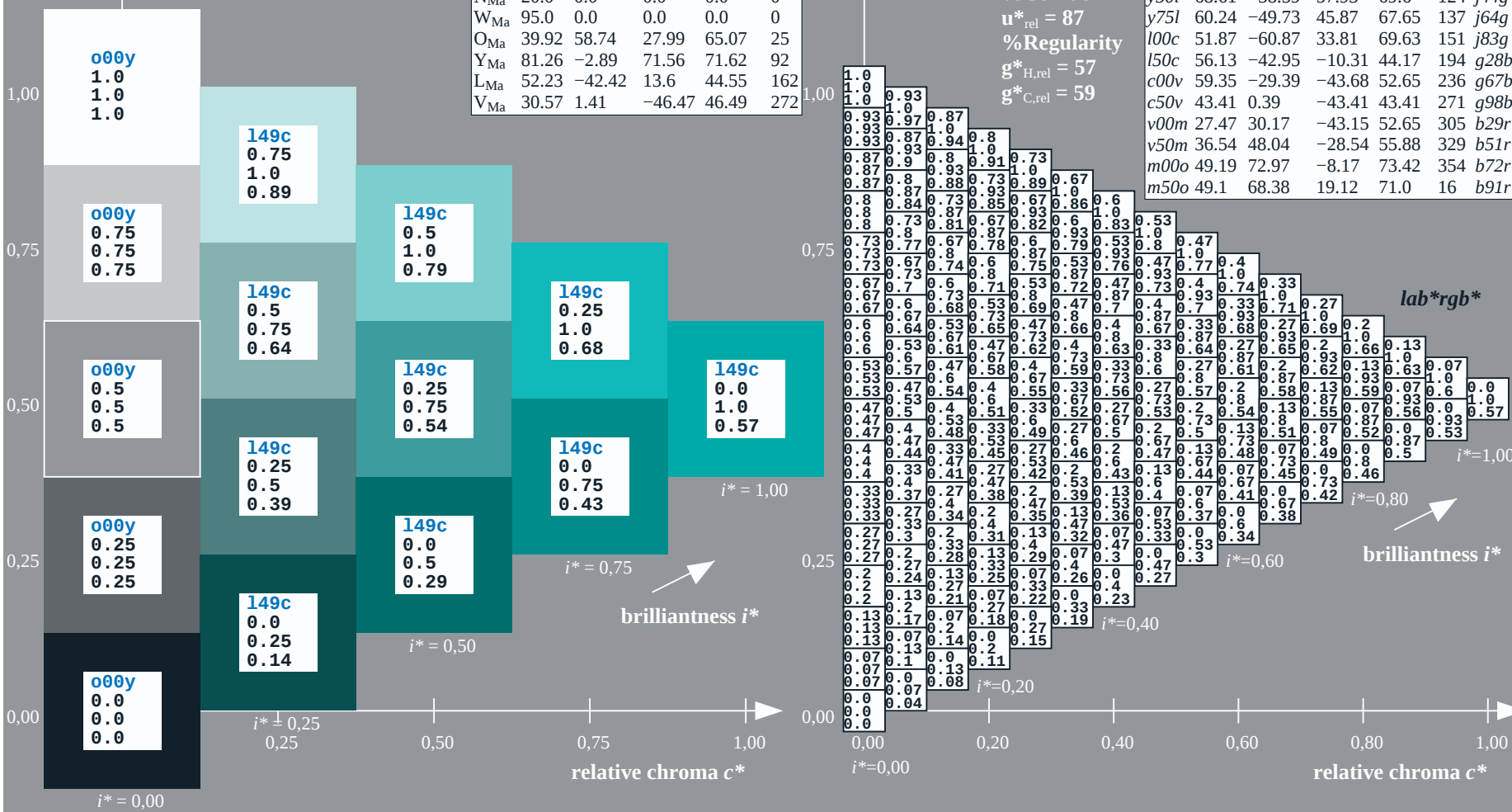
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

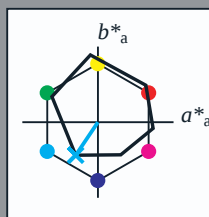
Hue texts:

$u^*_d = c00v$ $u^*_e = g67b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -29 -44

$LAB^*LCH^*_{Ma}$: 59 53 236

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

$lab^*rgb^*_{Ma}$: 0.0 0.65 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

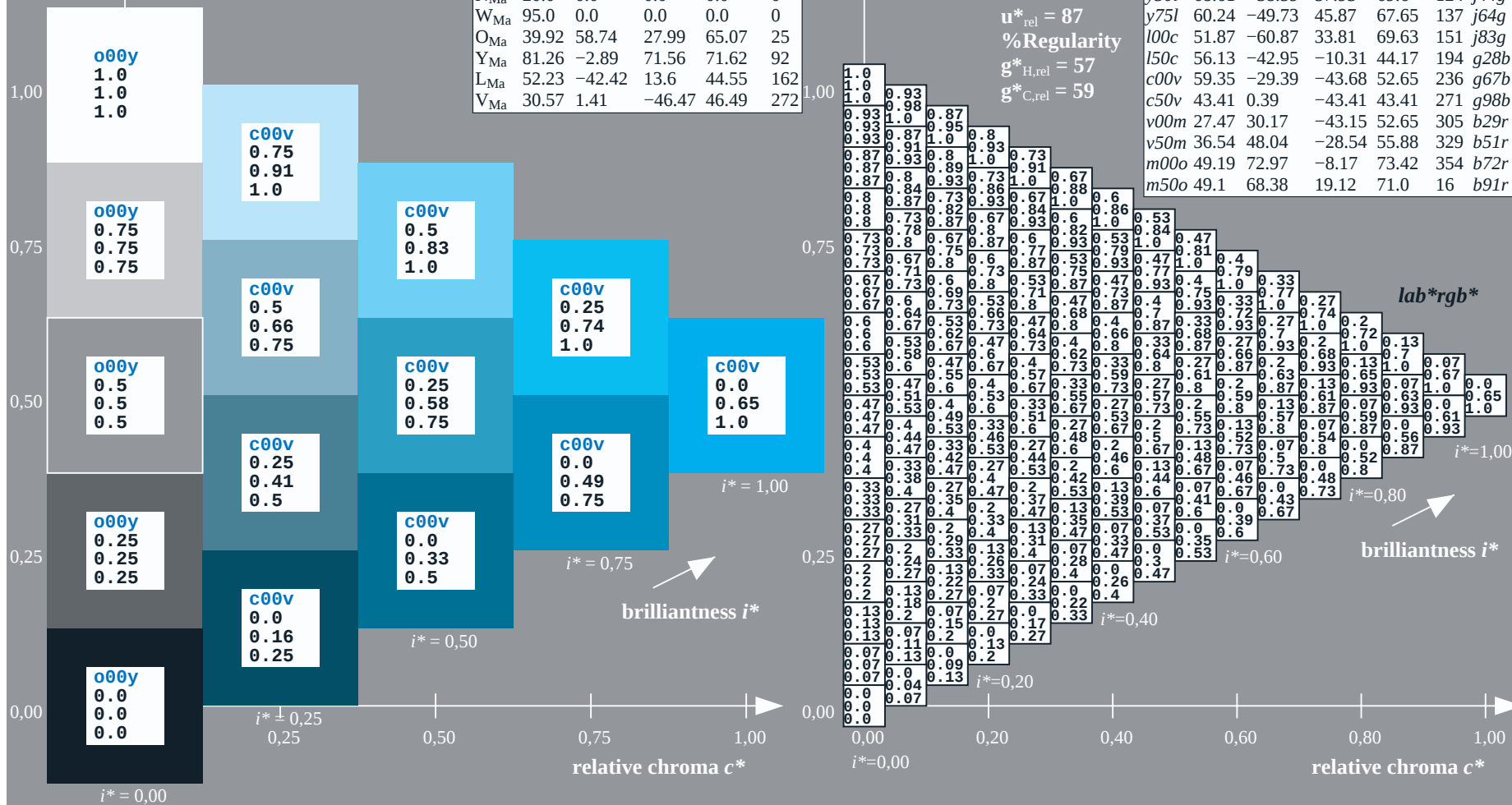
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

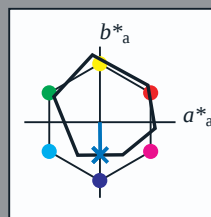
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = c00v$
 lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c50v$ $u^*_e = g98b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 0 -43

$LAB^*LCH^*_{Ma}$: 43 43 270

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

$lab^*rgb^*_{Ma}$: 0.0 0.02 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

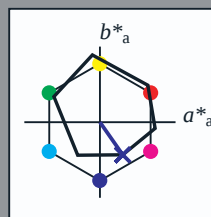
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h^*_{ab}/360 = 0.847$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b29r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 27 30 -43

$LAB^*LCH^*_{Ma}$: 27 53 304

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

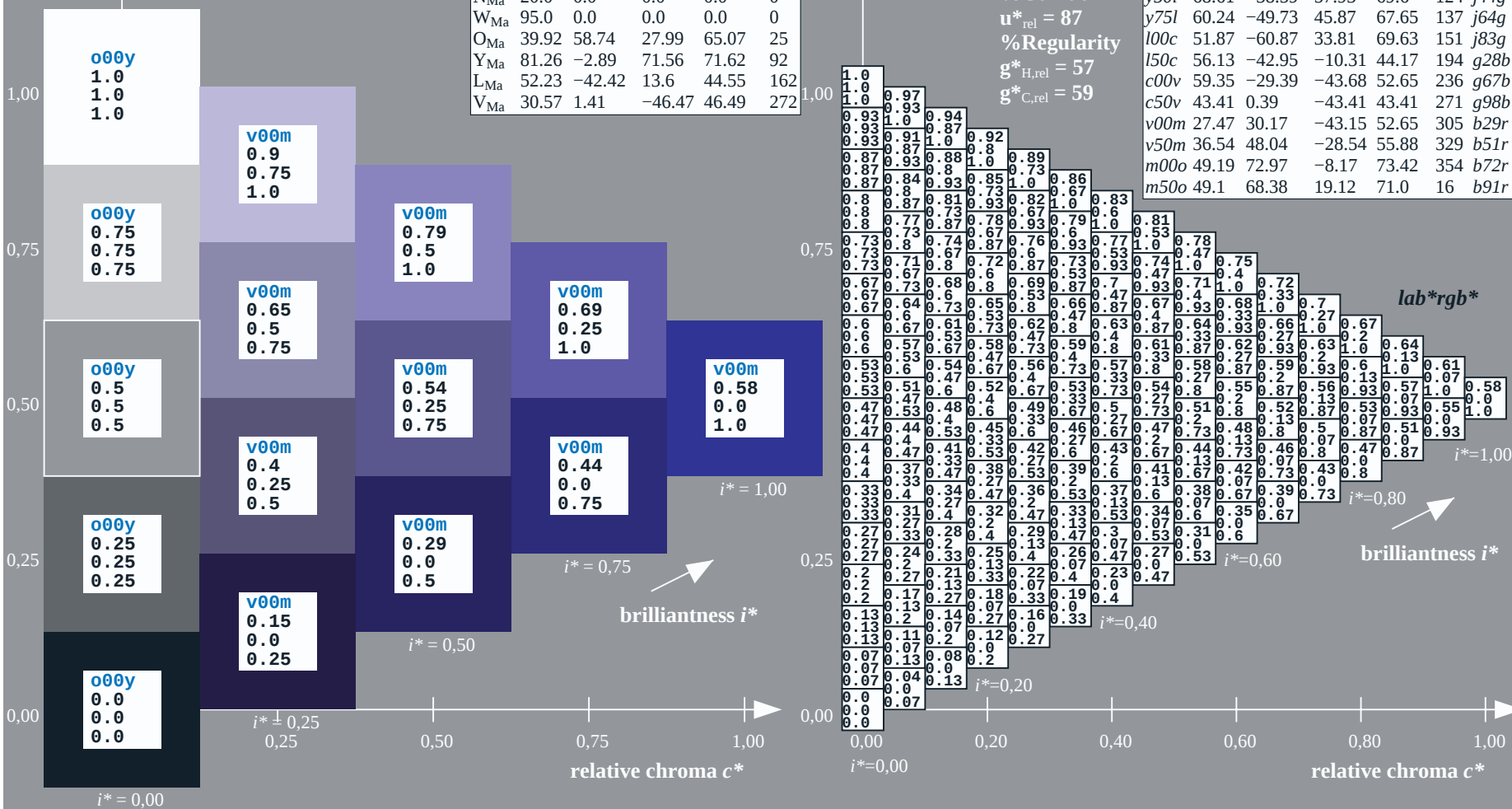
% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = v00m$
 lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$

data for any colour:

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

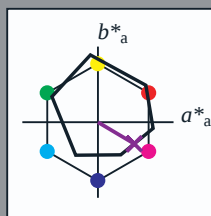
Hue texts:

$u^*_d = v50m$ $u^*_e = b51r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 48 -29

$LAB^*LCH^*_{Ma}$: 37 56 329

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

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

triangle lightness t^*

% Gamut

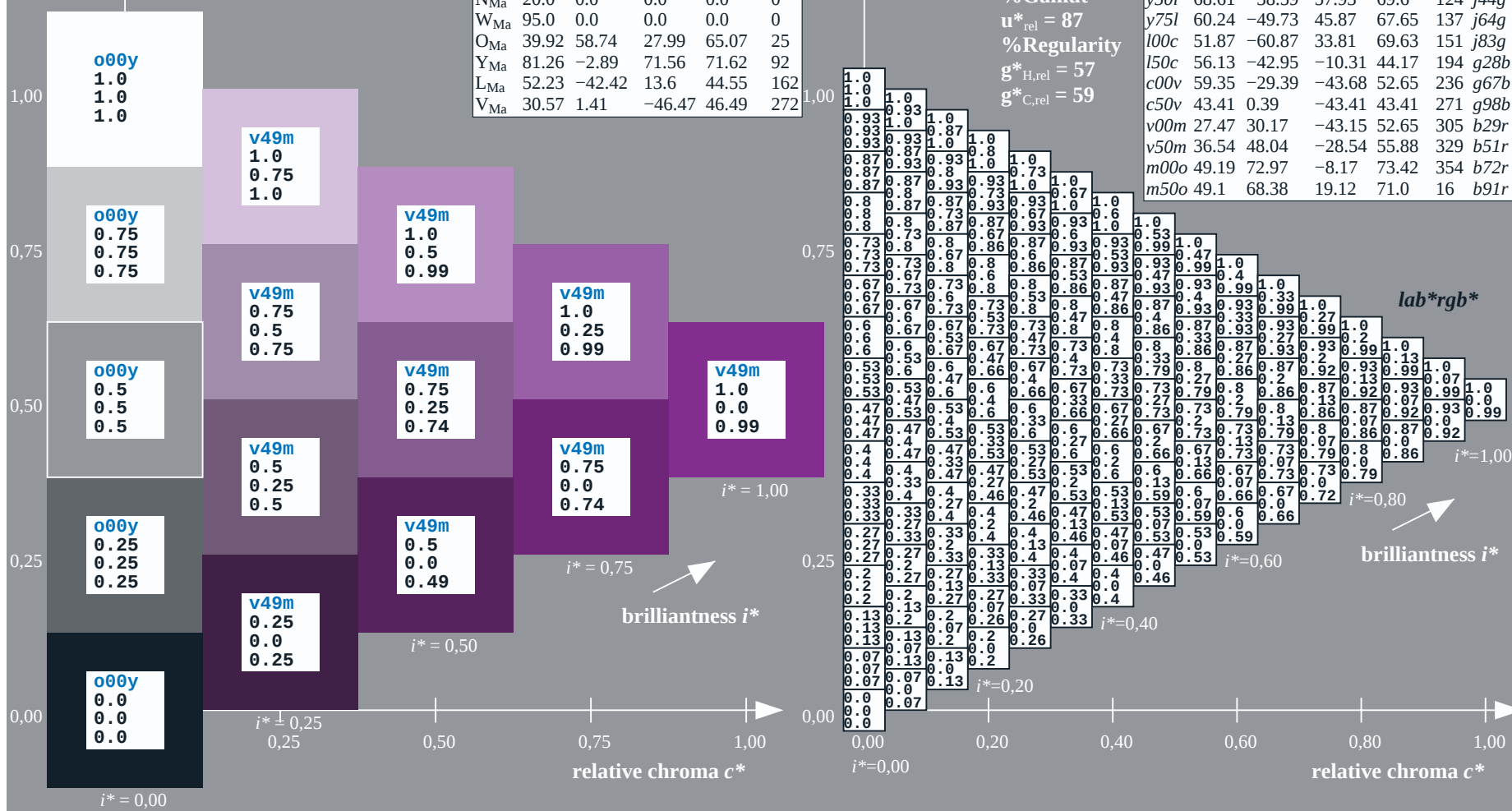
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$

data for any colour:

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

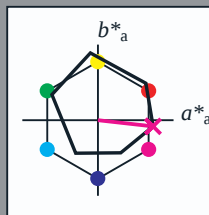
Hue texts:

$u^*_d = m00o$ $u^*_e = b72r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 73 -8

$LAB^*LCH^*_{Ma}$: 49 73 353

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.56

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

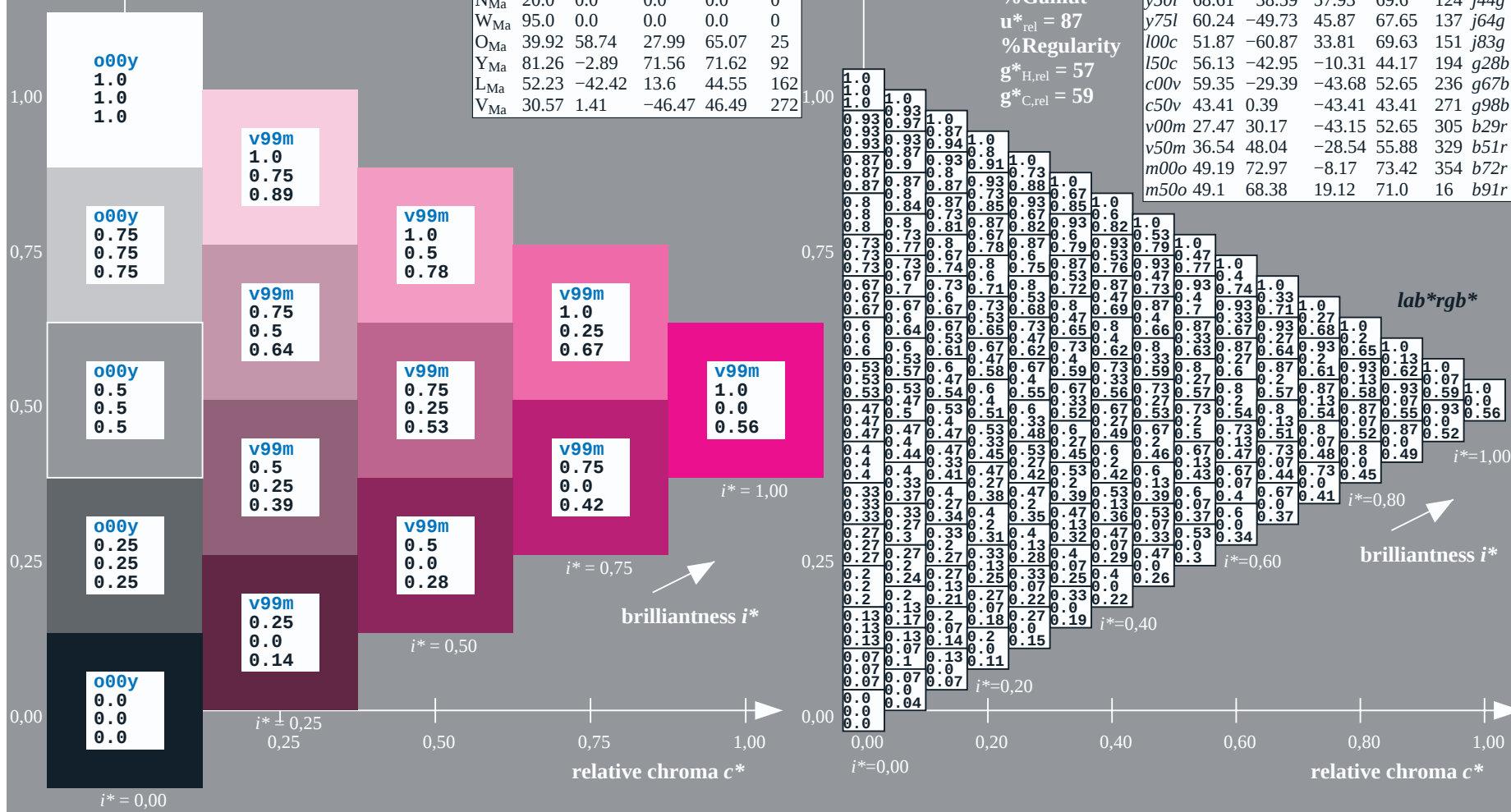
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = m00o$
 lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

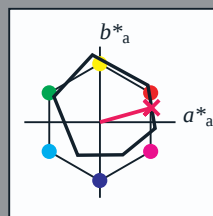
Hue texts:

$u^*_d = m50o$ $u^*_e = b91r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 68 19

$LAB^*LCH^*_{Ma}$: 49 71 15

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.17

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

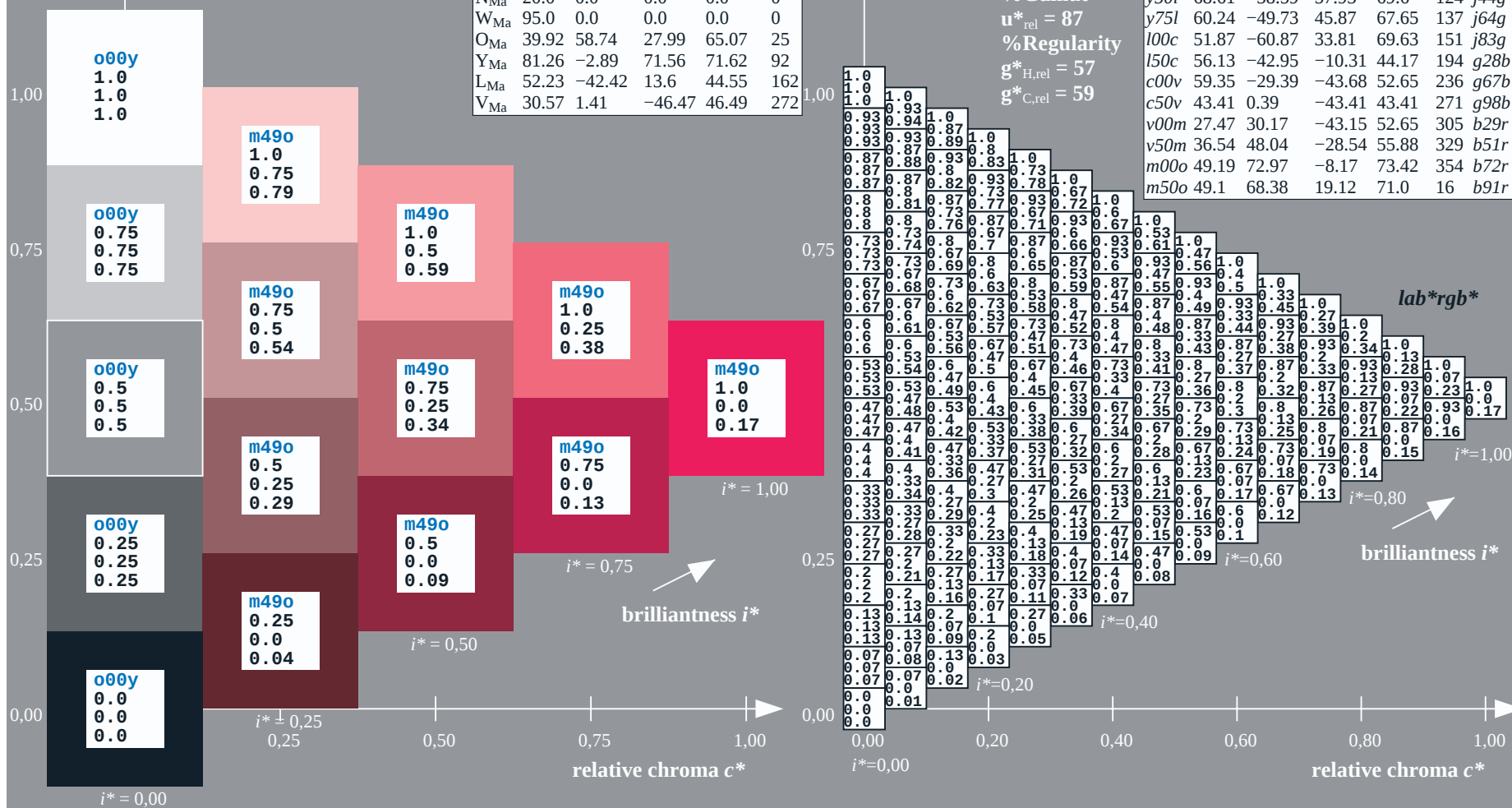
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output:

Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

device hue text:

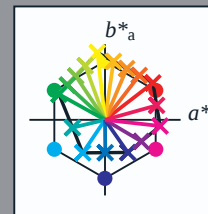
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



%Gamut

$u^*_{rel} = 87$

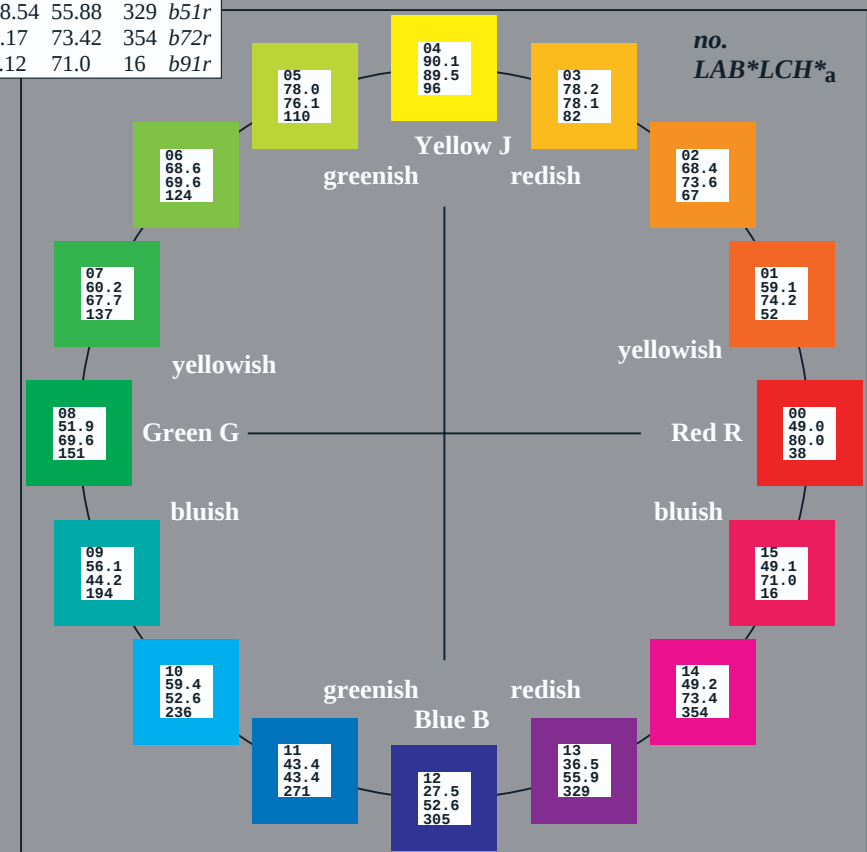
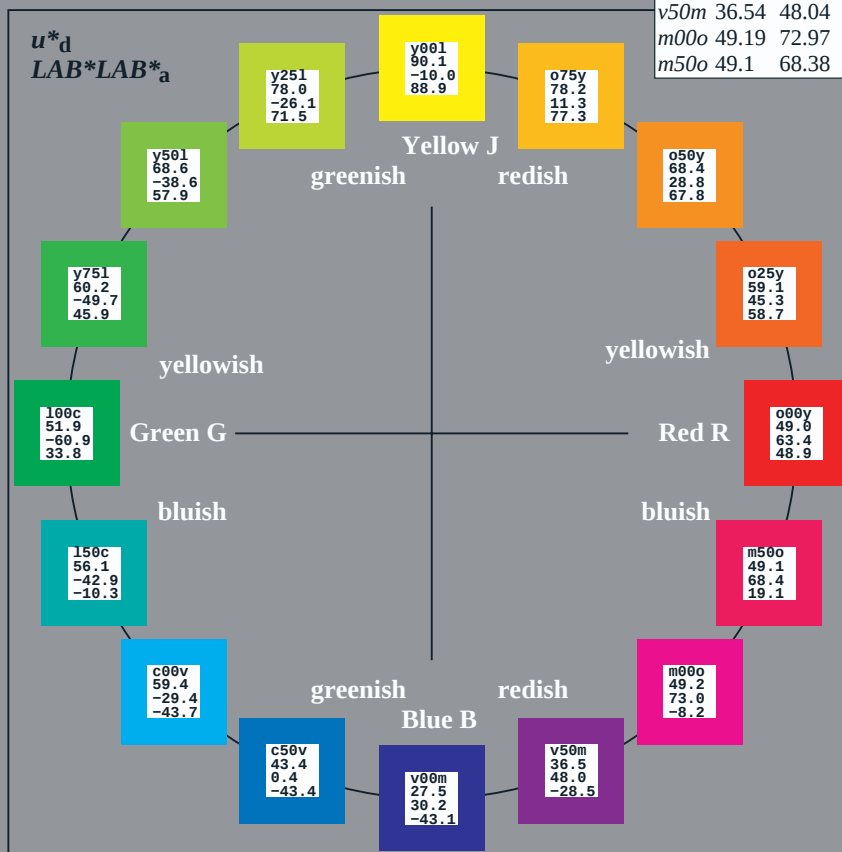
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

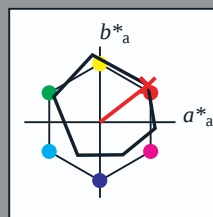
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o00y$ $u^*_e = r18j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 49

$LAB^*LCH^*_Ma$: 49 80 37

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

$lab^*rgb^*_Ma$: 1.0 0.18 0.0

triangle lightness t^*

%Gamut

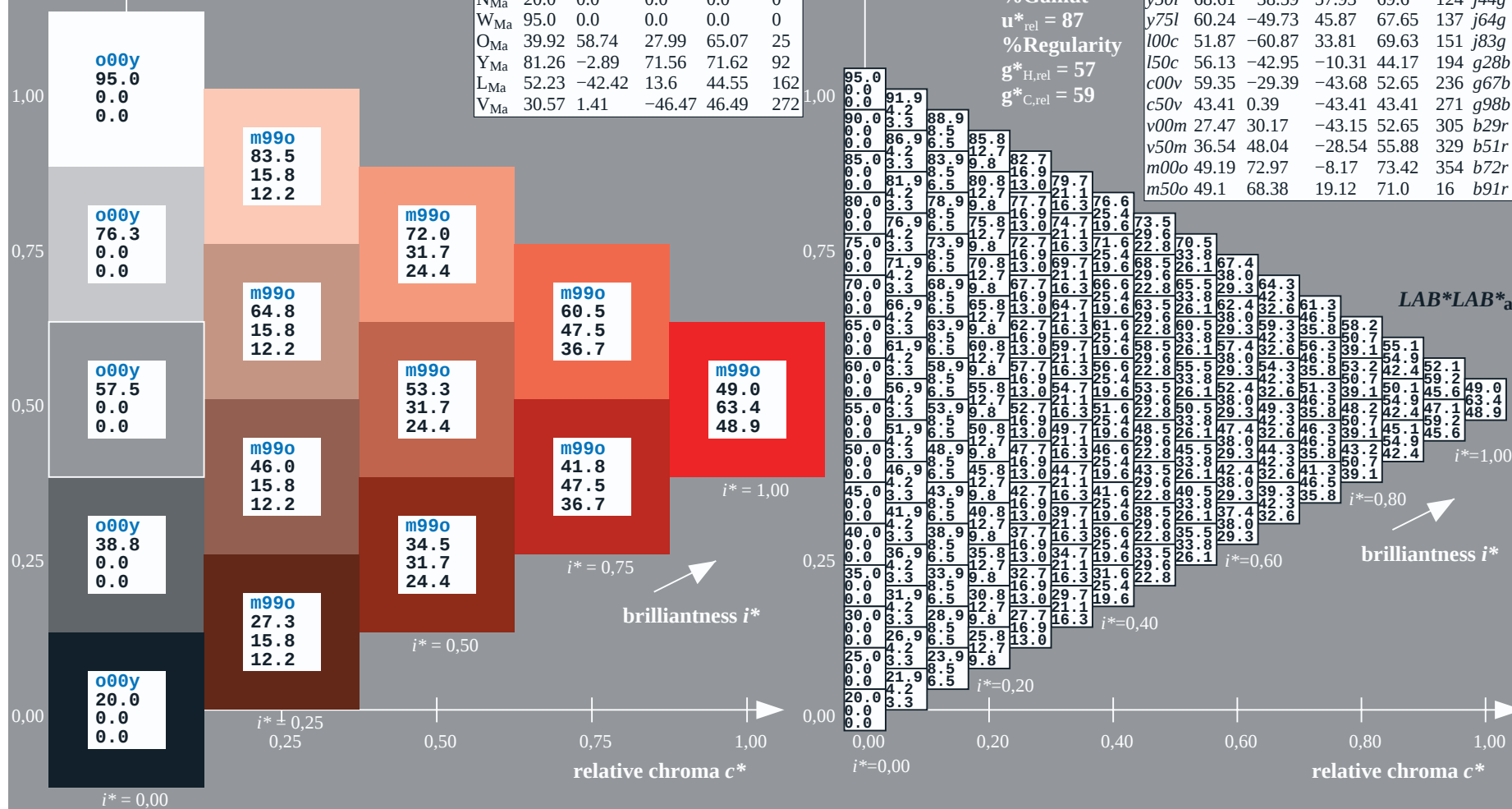
$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

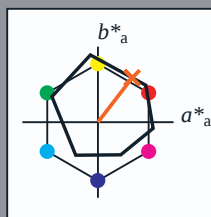
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 59

$LAB^*LCH^*_Ma$: 59 74 52

$lab^*olv^*_Ma$: 1.0 0.25 0.0

$lab^*rgb^*_Ma$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

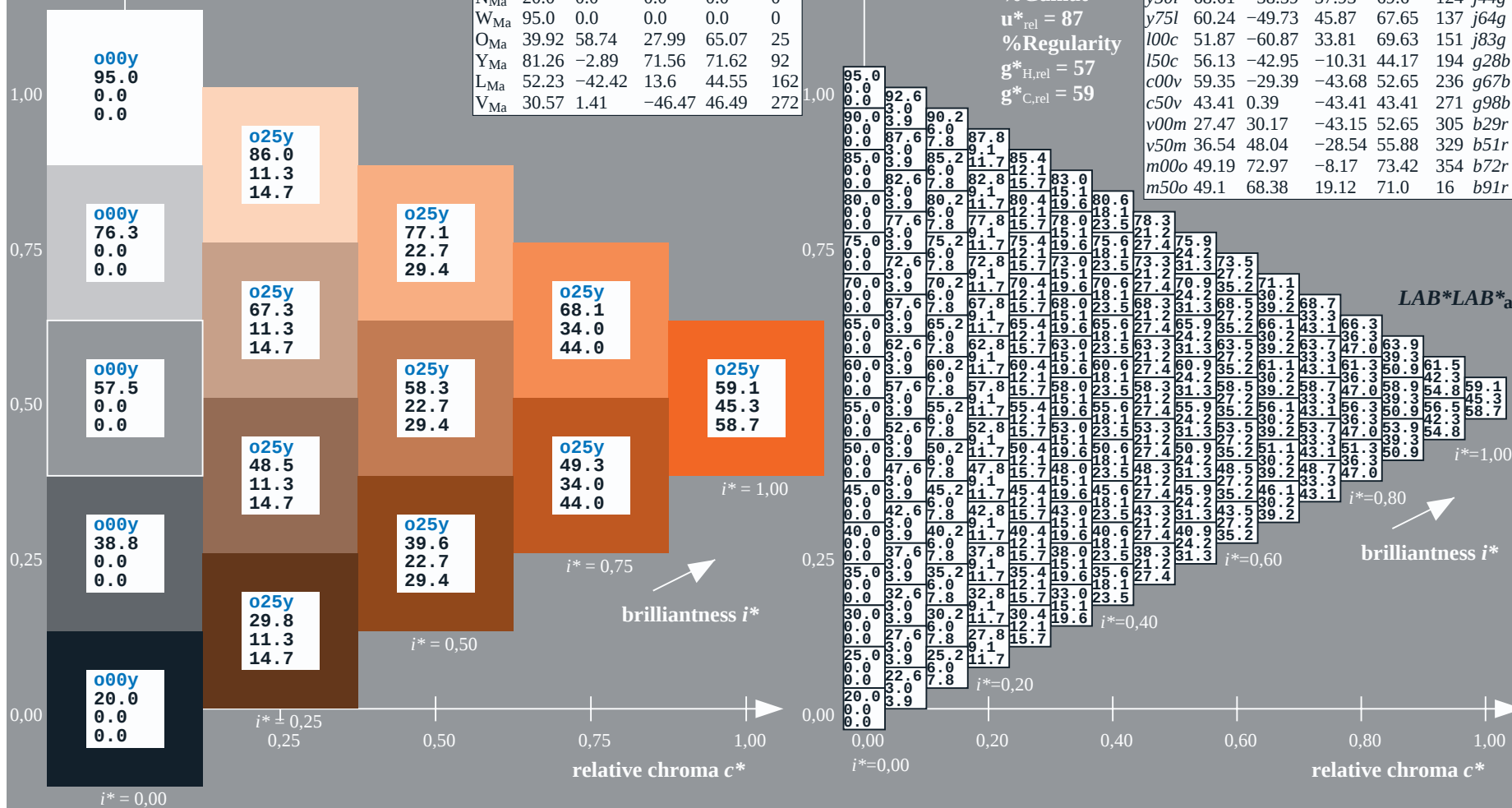
$u^*_{rel} = 87$

%Regularity

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

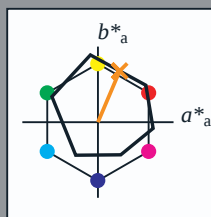
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o50y$ $u^*_e = r62j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 68

$LAB^*LCH^*_Ma$: 68 74 67

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

$lab^*rgb^*_Ma$: 1.0 0.62 0.0

triangle lightness t^*

% Gamut

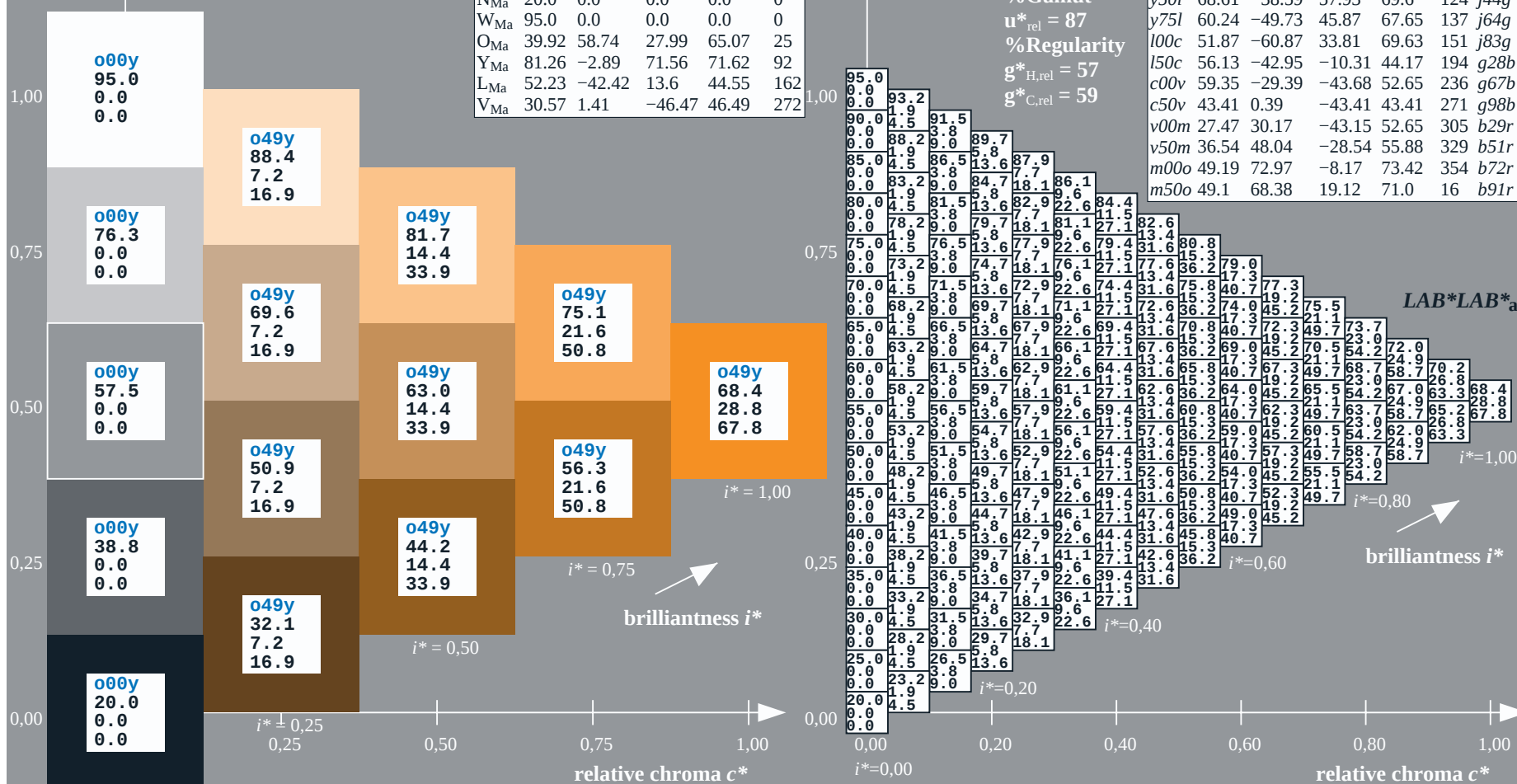
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$

data for any colour:

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

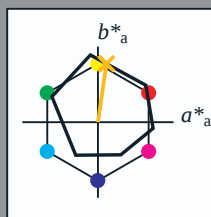
Hue texts:

$u^*_d = o75y$ $u^*_e = r83j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 78 11 77

$LAB^*LCH^*_Ma$: 78 78 81

$lab^*olv^*_Ma$: 1.0 0.75 0.0

$lab^*rgb^*_Ma$: 1.0 0.84 0.0

triangle lightness t^*

% Gamut

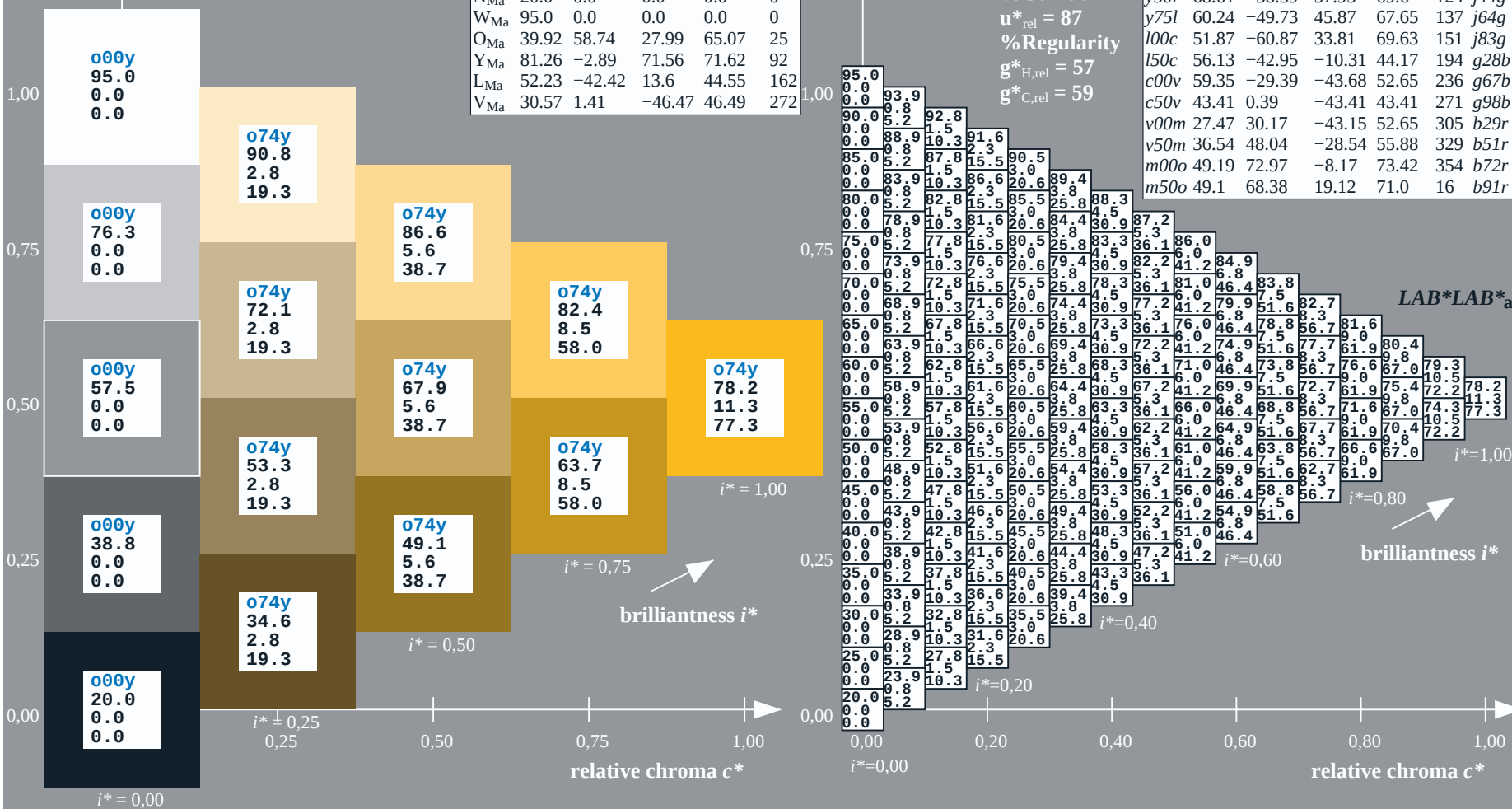
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

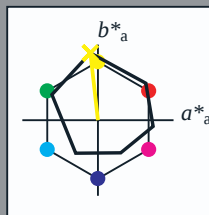
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 90 -10 89

$LAB^*LCH^*_Ma$: 90 89 96

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

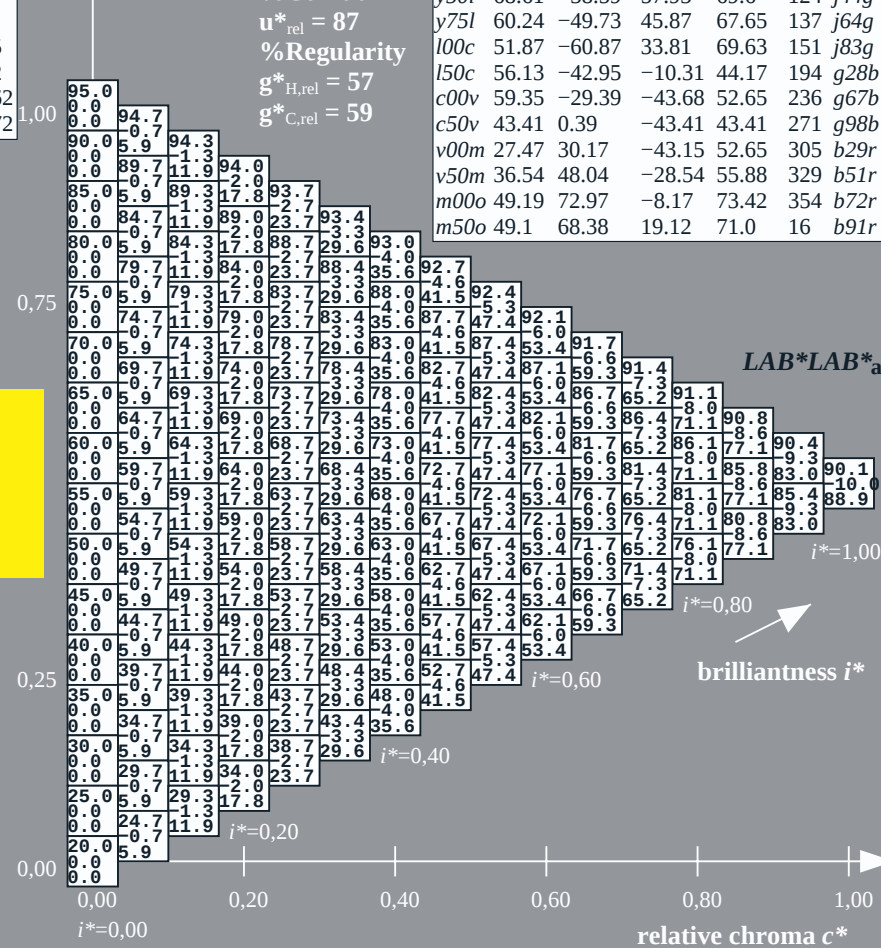
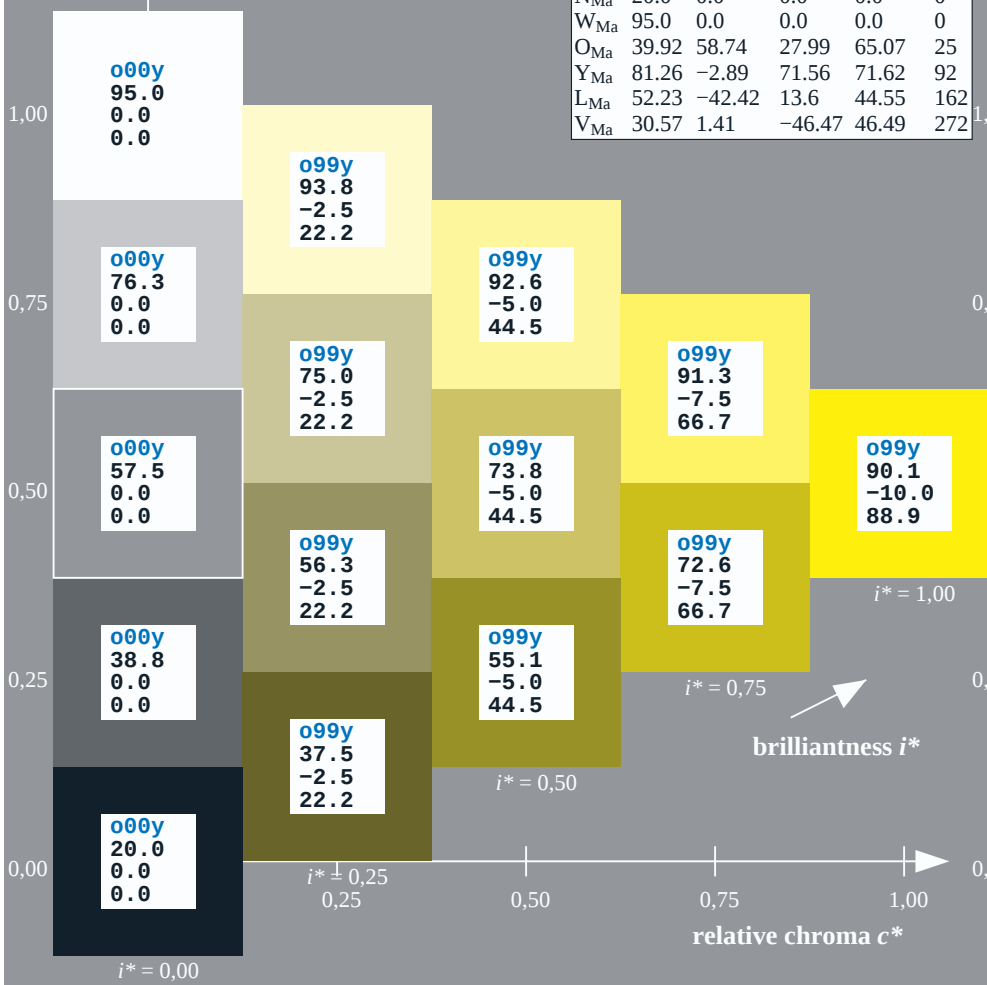
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

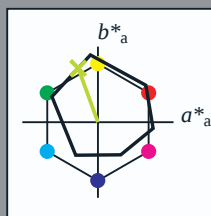
Hue texts:

$u^*_d = y25l$ $u^*_e = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 -26 71

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

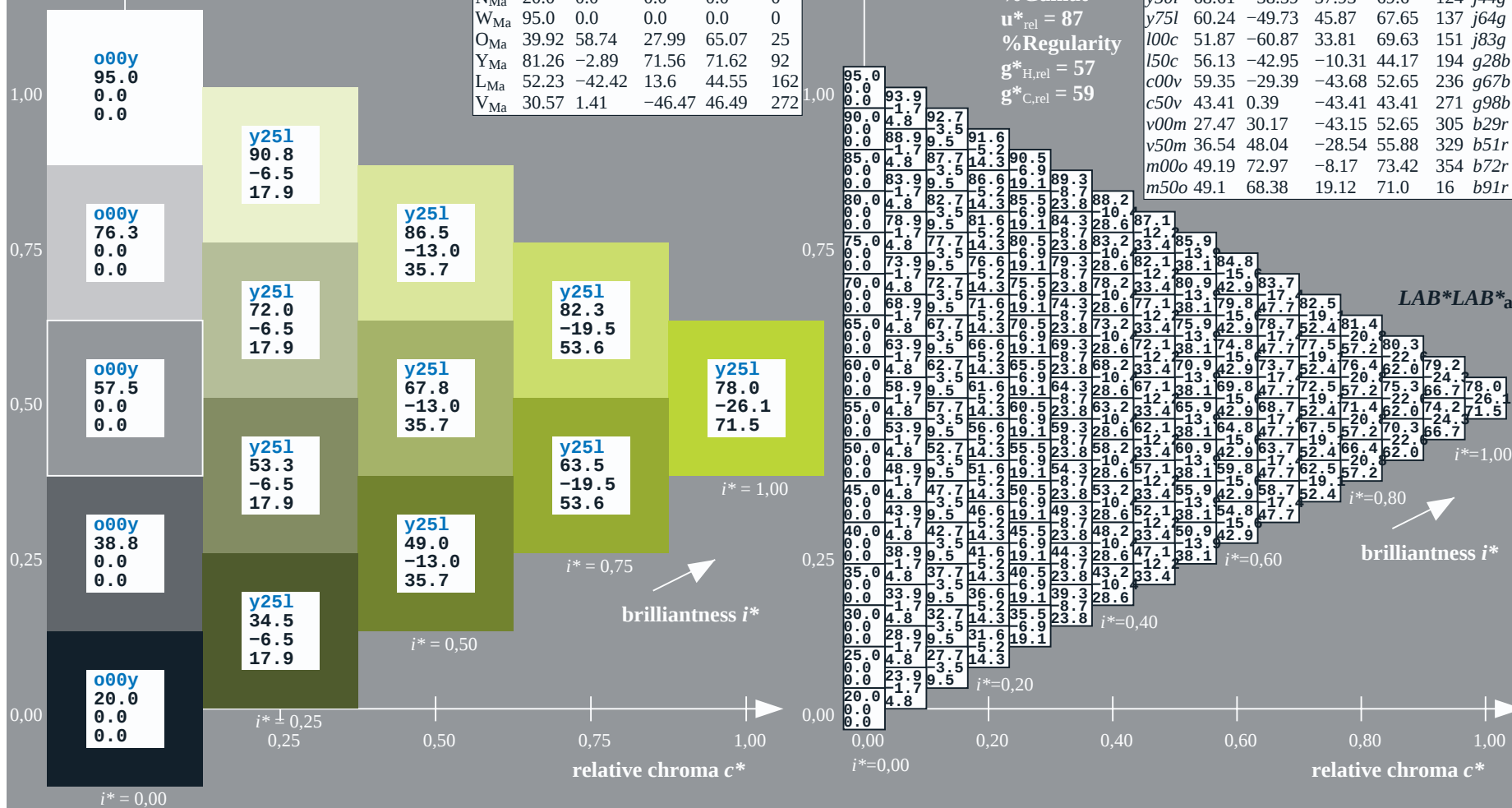
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = y25l$
 $LAB^*LAB^*_a$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

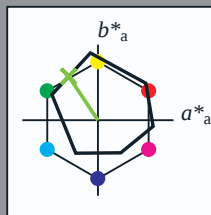
Hue texts:

$u^*_d = y50l$ $u^*_e = j44g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -39 58

$LAB^*LCH^*_{Ma}$: 69 70 123

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

$lab^*rgb^*_{Ma}$: 0.55 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

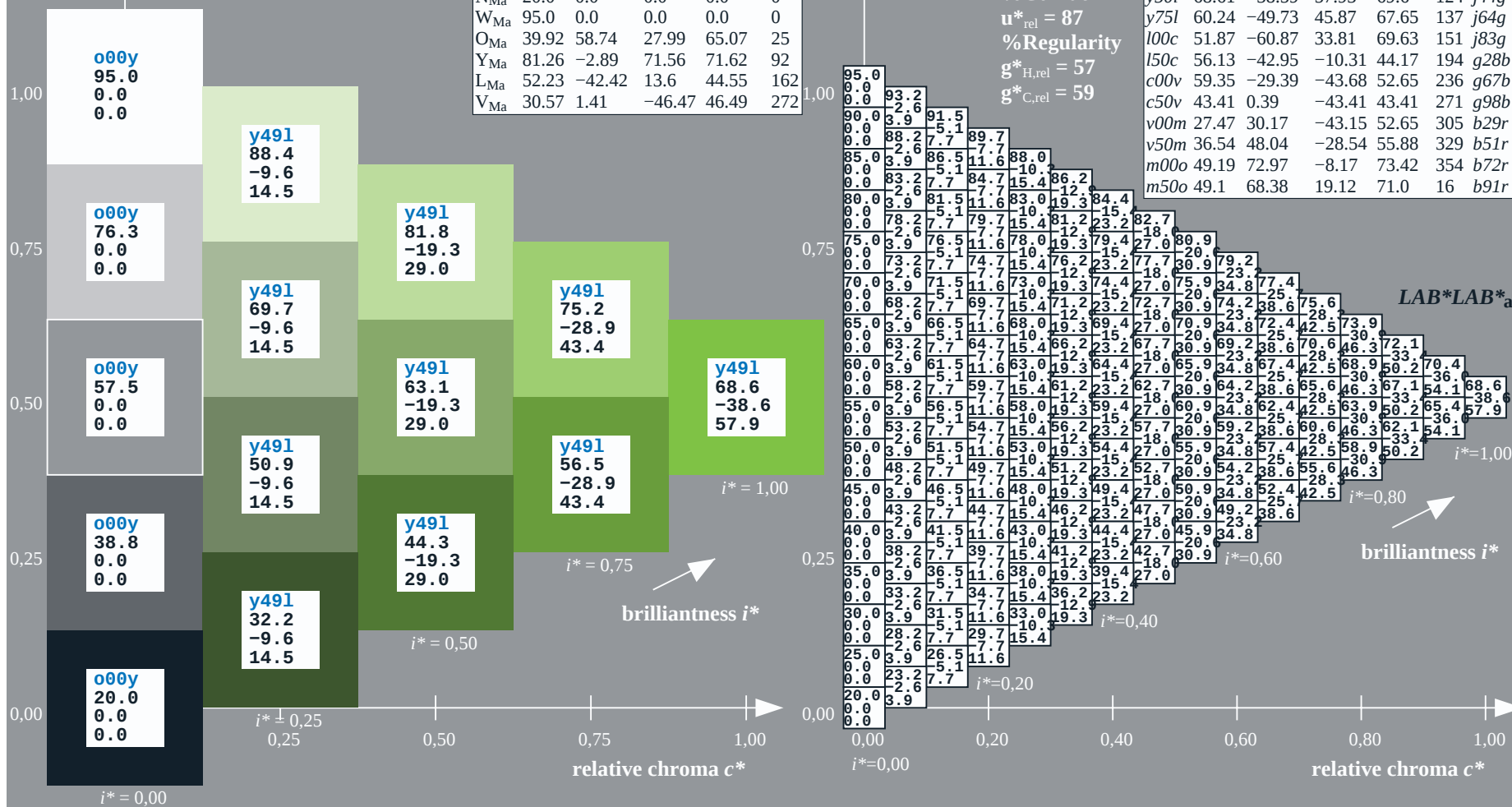
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

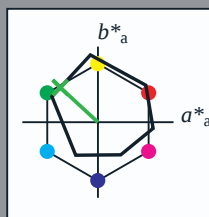
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h^*_{ab}/360 = 0.381$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y75l$ $u^*_e = j64g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 60 -50 46

$LAB^*LCH^*_{Ma}$: 60 68 137

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

$lab^*rgb^*_{Ma}$: 0.36 1.0 0.0

triangle lightness t^*

%Gamut

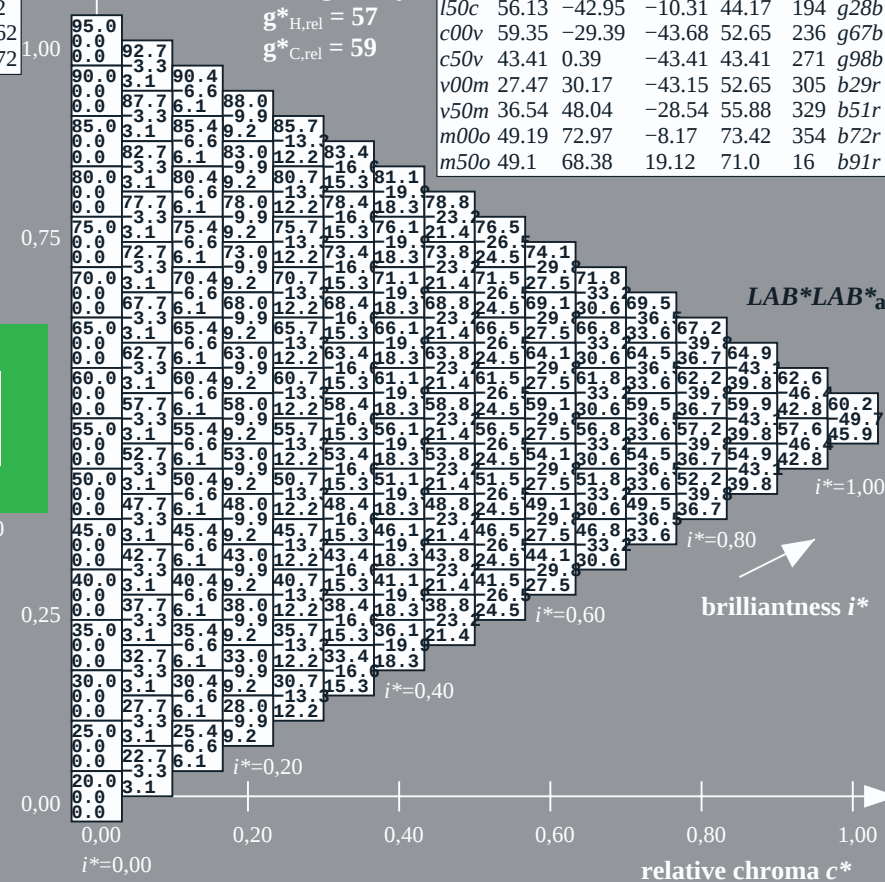
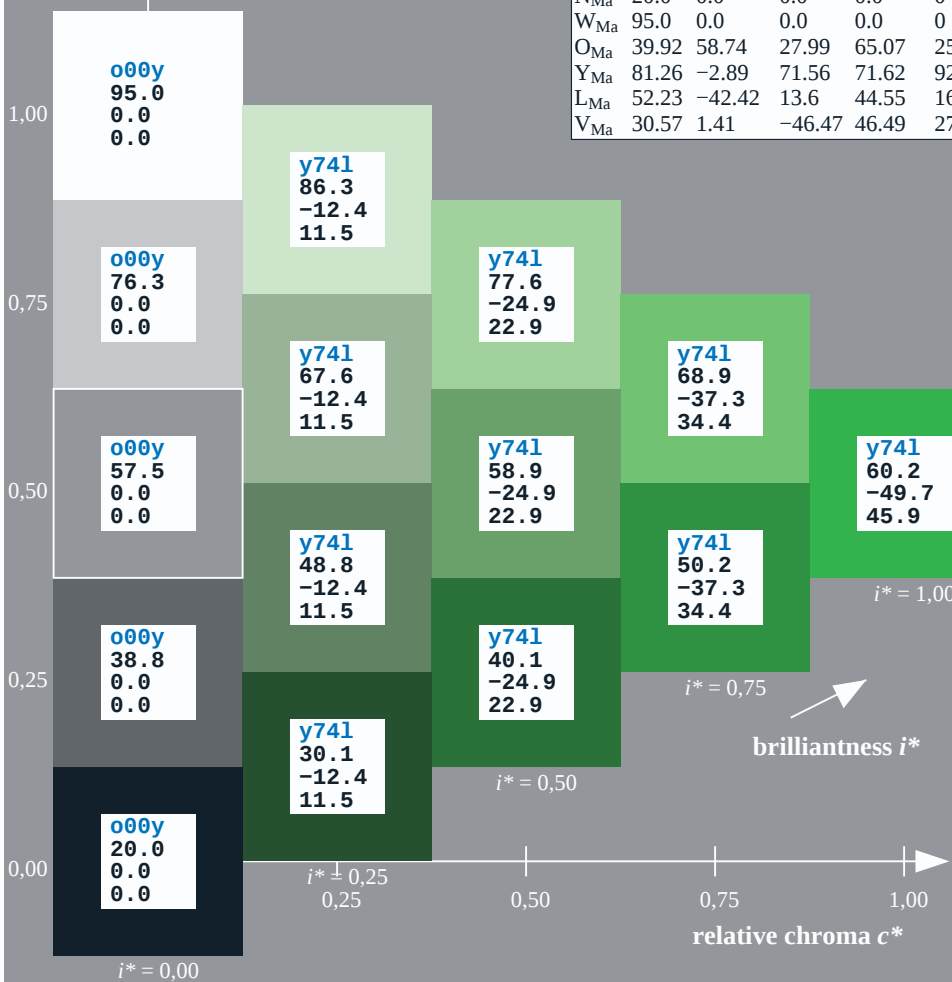
$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

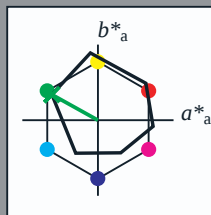
Hue texts:

$u^*_d = 100c$ $u^*_e = j83g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -61 34

$LAB^*LCH^*_Ma$: 52 70 150

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

$lab^*rgb^*_Ma$: 0.16 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

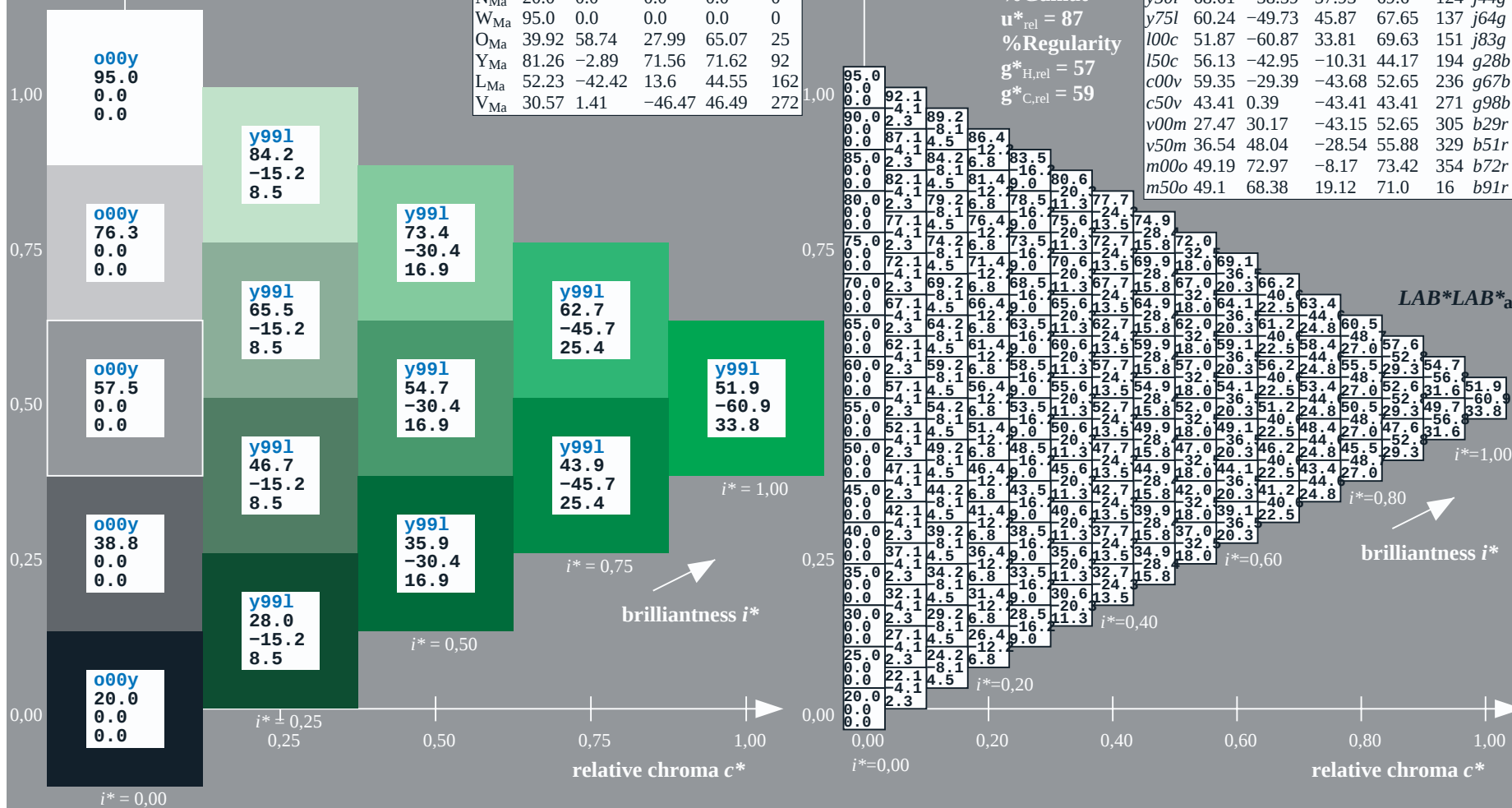
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

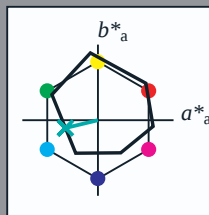
$u^*_d = 100c$
 $LAB^*LAB^*_a$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = 150c$ $u^*_e = g28b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 -10

$LAB^*LCH^*_{Ma}$: 56 44 193

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57

triangle lightness t^*

%Gamut

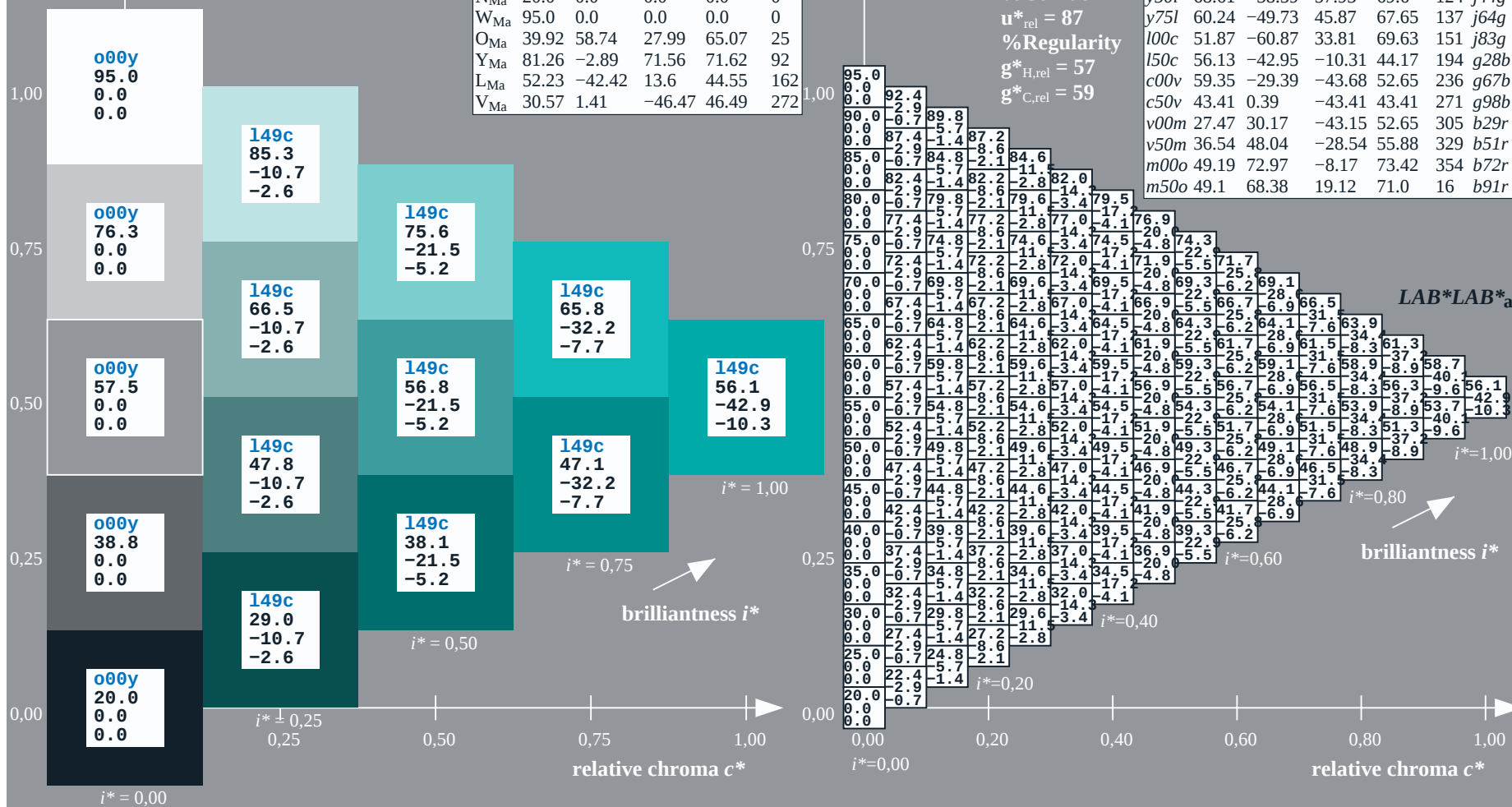
$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

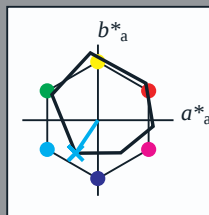
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = c00v$ $u^*_e = g67b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 -29 -44

$LAB^*LCH^*_Ma$: 59 53 236

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

$lab^*rgb^*_Ma$: 0.0 0.65 1.0

triangle lightness t^*

%Gamut

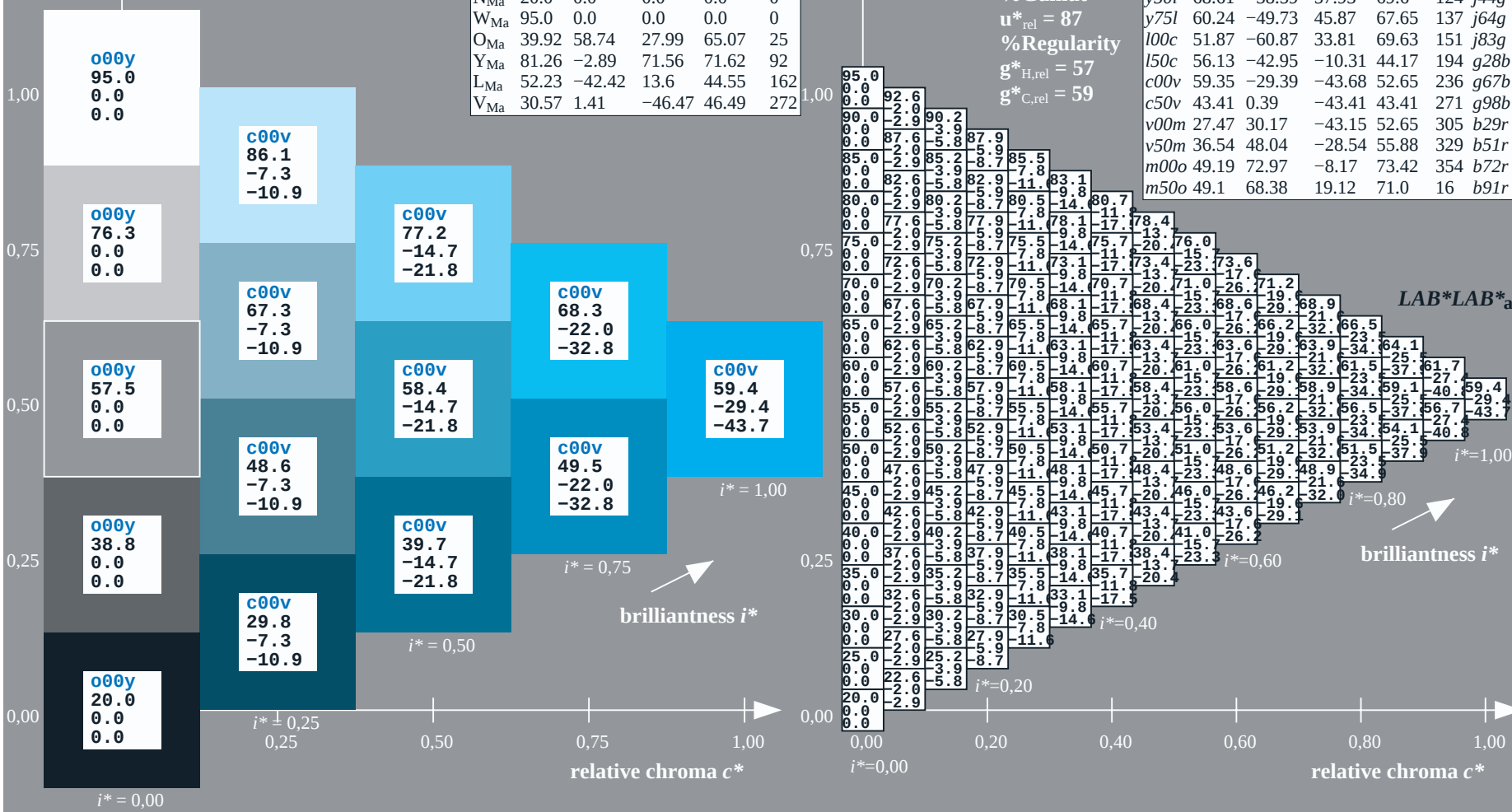
$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$

data for any colour:

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

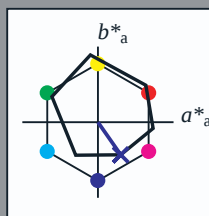
Hue texts:

$u^*_d = v00m$ $u^*_e = b29r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 27 30 -43

$LAB^*LCH^*_{Ma}$: 27 53 304

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

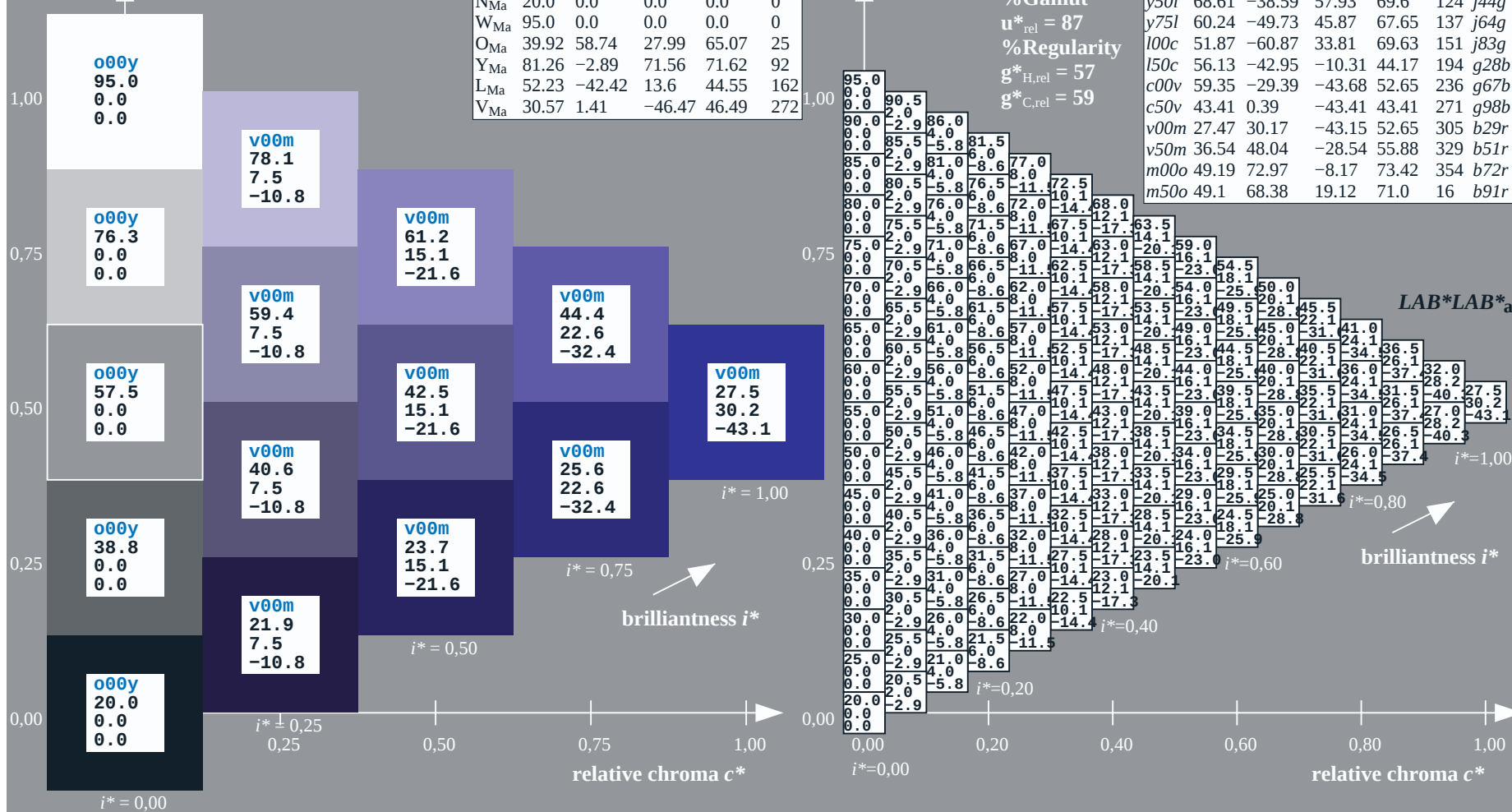
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

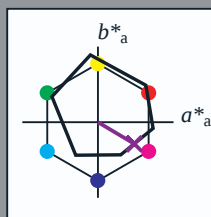
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v50m$ $u^*_e = b51r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 48 -29

$LAB^*LCH^*_{Ma}$: 37 56 329

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

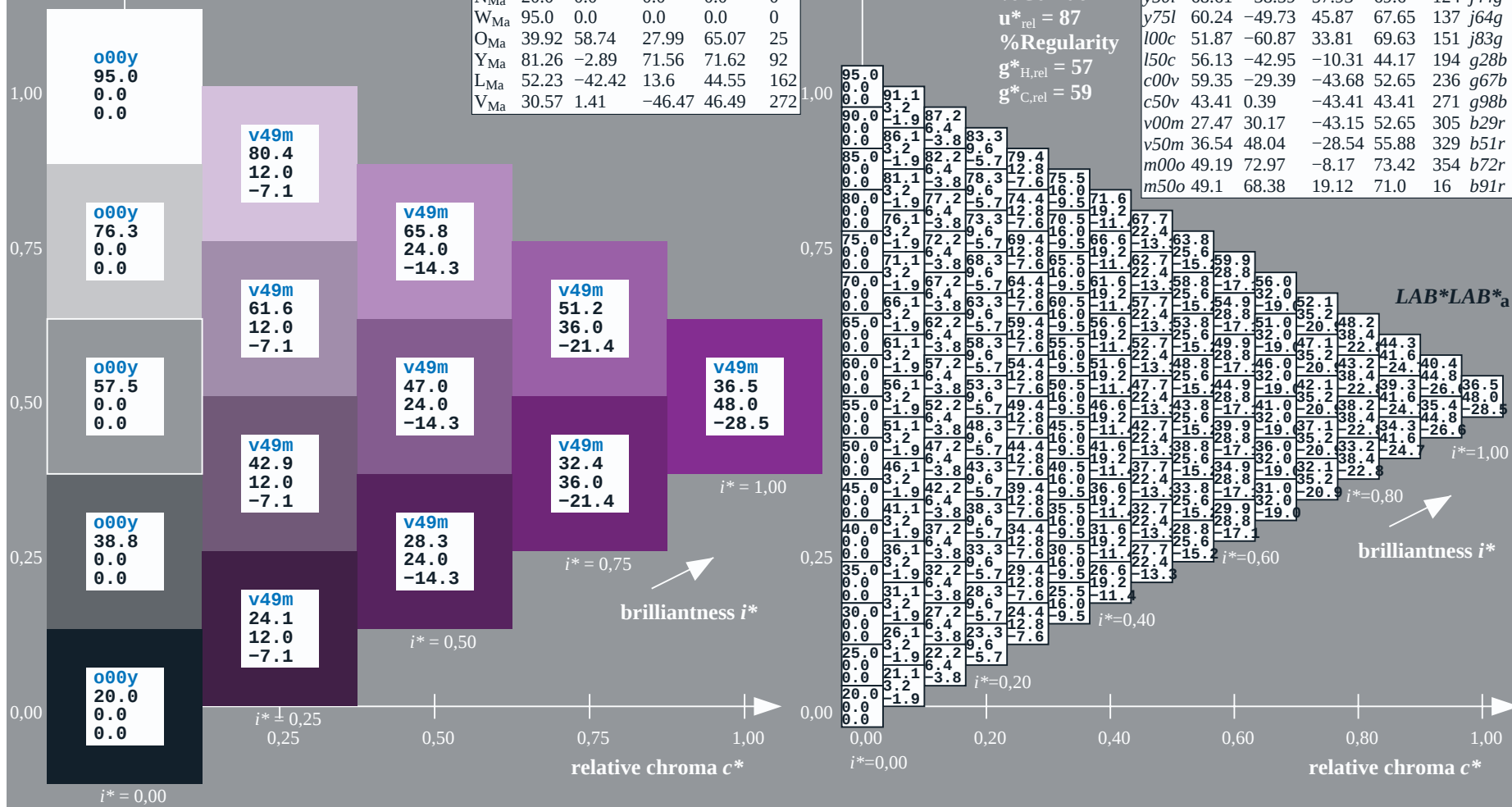
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = v50m$
 $LAB^*LAB^*_a$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$

data for any colour:

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

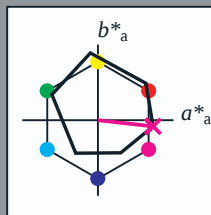
Hue texts:

$u^*_d = m00o$ $u^*_e = b72r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 73 -8

$LAB^*LCH^*_Ma$: 49 73 353

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

$lab^*rgb^*_Ma$: 1.0 0.0 0.56

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

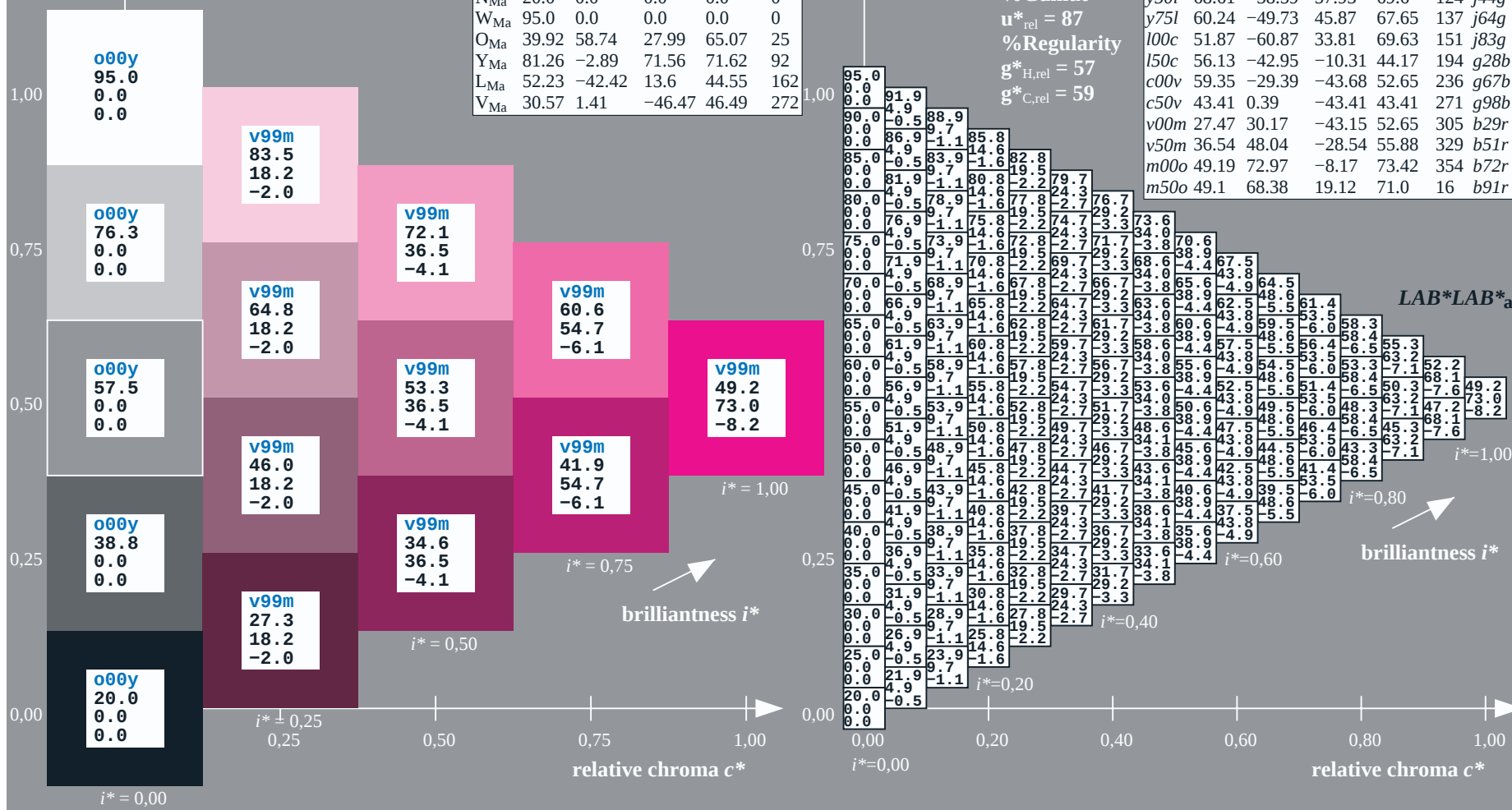
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = m00o$
 $LAB^*LAB^*_a$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

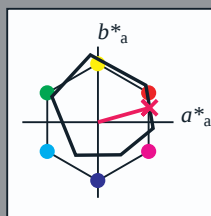
Hue texts:

$u^*_d = m50o$ $u^*_e = b91r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 68 19

$LAB^*LCH^*_Ma$: 49 71 15

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

$lab^*rgb^*_Ma$: 1.0 0.0 0.17

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

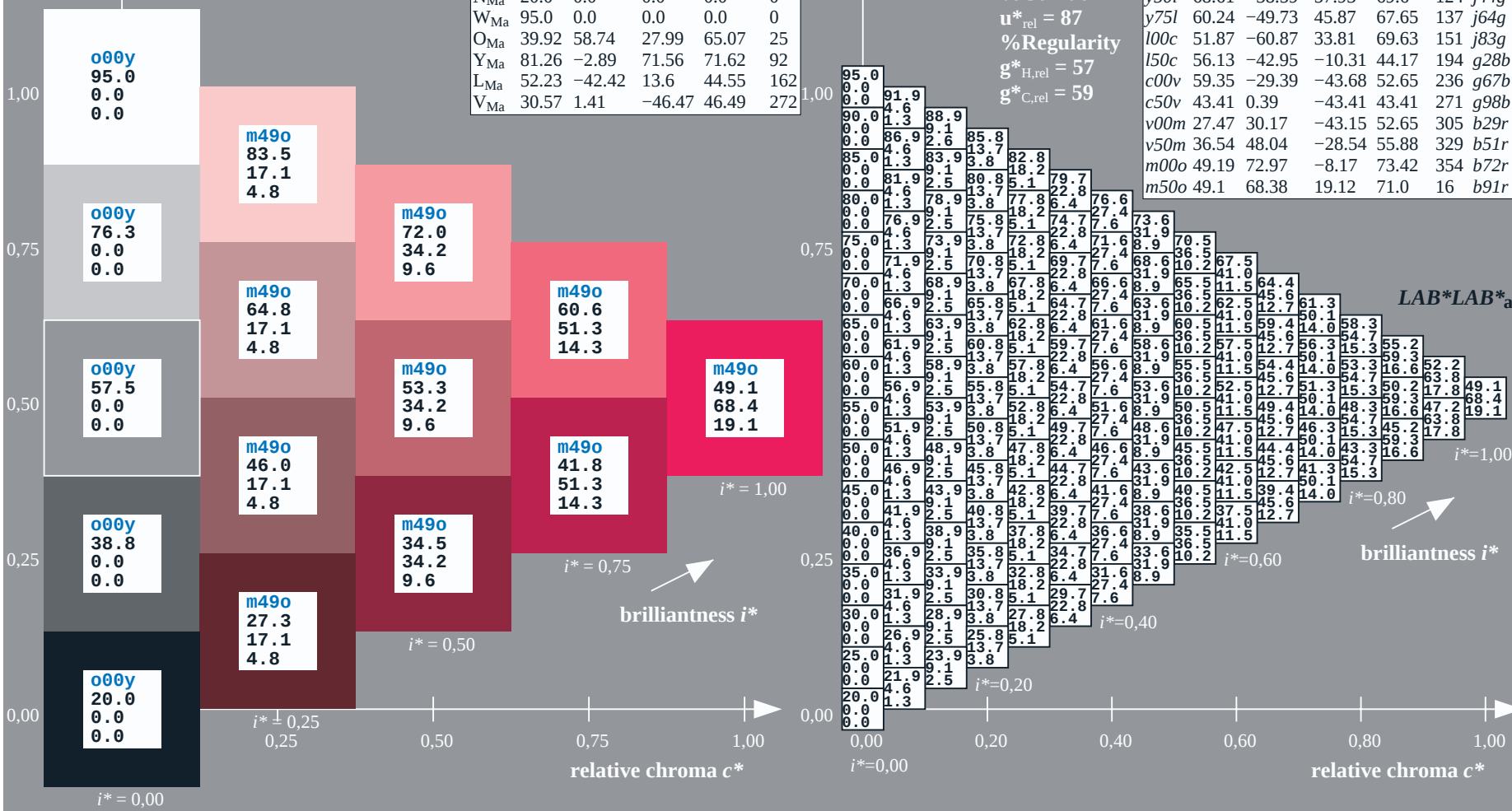
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = m50o$
 $LAB^*LAB^*_a$



	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	20.0	24.0	28.0	32.0	36.0	39.9	43.9	47.9	51.9	23.6	28.8	32.2	36.1	40.1	44.1	48.1	52.1	56.1	27.3	32.1	37.5	40.5	44.3	48.2	52.2	56.2	60.2	95.0	89.3	83.5	77.8	72.0	66.3	60.5	54.8	49.0	20.0	20.0	20.0	20.0	
	0.0	-7.6	-15.2	-22.8	-30.0	-38.0	-45.7	-53.3	-60.9	97.9	-1.2	-9.6	-17.3	-24.9	-32.4	-40.0	-47.6	-55.2	15.8	7.2	-2.5	-11.4	-19.3	-27.0	-34.6	-42.1	-49.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0	0.0	
	0.0	4.2	8.5	12.7	16.9	21.1	25.4	29.6	33.8	6.1	11.1	14.5	18.7	22.9	27.2	31.4	35.7	39.9	12.2	16.9	22.2	25.0	29.9	33.1	37.4	41.6	45.9	0.0	6.1	12.2	18.3	24.4	30.6	36.7	42.8	48.9	0.0	0.0	0.0	0.0	
02	20.9	24.9	29.0	33.2	37.2	41.3	45.3	49.4	53.4	23.6	29.4	33.4	37.3	41.3	45.3	49.3	53.3	57.3	27.3	33.0	38.1	41.5	45.5	49.5	53.5	57.5	61.5	90.0	85.6	79.9	74.1	68.4	62.6	56.9	51.1	45.4	29.4	29.4	29.4	29.4	
	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-46.8	-54.0	59.1	0.0	-7.6	-15.2	-22.8	-30.4	-38.0	-45.7	-53.3	17.9	-1.2	-9.6	-17.3	-24.9	-32.4	-40.0	-47.6	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0	0.0	
	-5.4	-5.5	-2.6	0.2	3.4	6.9	10.5	14.3	18.1	-1.0	0.0	4.2	8.5	12.7	16.9	21.1	25.4	29.6	4.8	6.1	11.1	14.5	18.7	22.9	27.2	31.4	35.7	-5.5	0.0	6.1	12.2	18.3	24.4	30.6	36.7	42.8	0.0	0.0	0.0	0.0	
03	21.9	25.9	29.8	33.9	38.1	42.2	46.3	50.4	54.5	24.1	30.3	34.3	38.4	42.5	46.6	50.7	54.8	58.9	27.8	33.3	38.8	42.7	46.7	50.7	54.7	58.7	62.7	86.1	81.2	76.3	70.5	64.8	59.0	53.3	47.5	41.8	38.8	38.8	38.8	38.8	
	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-42.5	-49.7	91.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-47.0	18.2	9.1	0.0	-7.6	-15.2	-22.8	-30.4	-38.0	-45.7	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0
	-10.8	-10.9	-10.9	-7.6	-5.2	-2.5	0.4	3.5	6.8	-7.1	-5.4	-3.5	-2.6	0.2	3.4	6.9	10.5	14.3	-2.0	-1.0	0.0	4.2	8.5	12.7	16.9	21.1	25.4	-10.9	-5.5	0.0	6.1	12.2	18.3	24.4	30.6	36.7	0.0	0.0	0.0	0.0	
04	22.8	27.0	30.5	34.8	38.8	42.9	47.1	51.2	55.5	25.0	31.2	35.2	39.2	43.3	47.4	51.6	55.7	59.8	27.5	33.5	39.7	43.7	47.7	51.9	56.0	60.0	64.1	81.6	76.7	71.8	66.9	61.1	55.4	49.6	43.9	38.1	48.1	48.1	48.1	48.1	
	11.3	3.5	-3.2	-11.0	-18.4	-25.3	-32.2	-39.2	-46.2	215.7	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-42.5	72.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-11.0	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0
	16.2	26.3	36.3	46.3	56.3	66.3	76.3	86.3	96.3	106.3	116.3	126.3	136.3	146.3	156.3	166.3	176.3	186.3	196.3	206.3	216.3	226.3	236.3	246.3	256.3	266.3	276.3	286.3	296.3	306.3	316.3	326.3	336.3	346.3	356.3	366.3	376.3	386.3	396.3	406.3	
05	22.8	27.0	30.5	34.8	38.8	42.9	47.1	51.2	55.5	25.0	31.2	35.2	39.2	43.3	47.4	51.6	55.7	59.8	27.5	33.5	39.7	43.7	47.7	51.9	56.0	60.0	64.1	81.6	76.7	71.8	66.9	61.1	55.4	49.6	43.9	38.1	48.1	48.1	48.1	48.1	
	11.3	3.5	-3.2	-11.0	-18.4	-25.3	-32.2	-39.2	-46.2	215.7	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-42.5	72.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-11.0	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0
	16.2	26.3	36.3	46.3	56.3	66.3	76.3	86.3	96.3	106.3	116.3	126.3	136.3	146.3	156.3	166.3	176.3	186.3	196.3	206.3	216.3	226.3	236.3	246.3	256.3	266.3	276.3	286.3	296.3	306.3	316.3	326.3	336.3	346.3	356.3	366.3	376.3	386.3	396.3	406.3	
06	22.8	27.0	30.5	34.8	38.8	42.9	47.1	51.2	55.5	25.0	31.2	35.2	39.2	43.3	47.4	51.6	55.7	59.8	27.5	33.5	39.7	43.7	47.7	51.9	56.0	60.0	64.1	81.6	76.7	71.8	66.9	61.1	55.4	49.6	43.9	38.1	48.1	48.1	48.1	48.1	
	11.3	3.5	-3.2	-11.0	-18.4	-25.3	-32.2	-39.2	-46.2	215.7	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-42.5	72.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-11.0	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0
	16.2	26.3	36.3	46.3	56.3	66.3	76.3	86.3	96.3	106.3	116.3	126.3	136.3	146.3	156.3	166.3	176.3	186.3	196.3	206.3	216.3	226.3	236.3	246.3	256.3	266.3	276.3	286.3	296.3	306.3	316.3	326.3	336.3	346.3	356.3	366.3	376.3	386.3	396.3	406.3	
07	22.8	27.0	30.5	34.8	38.8	42.9	47.1	51.2	55.5	25.0	31.2	35.2	39.2	43.3	47.4	51.6	55.7	59.8	27.5	33.5	39.7	43.7	47.7	51.9	56.0	60.0	64.1	81.6	76.7	71.8	66.9	61.1	55.4	49.6	43.9	38.1	48.1	48.1	48.1	48.1	
	11.3	3.5	-3.2	-11.0	-18.4	-25.3	-32.2	-39.2	-46.2	215.7	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-42.5	72.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-11.0	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0
	16.2	26.3	36.3	46.3	56.3	66.3	76.3	86.3	96.3	106.3	116.3	126.3	136.3	146.3	156.3	166.3	176.3	186.3	196.3	206.3	216.3	226.3	236.3	246.3	256.3	266.3	276.3	286.3	296.3	306.3	316.3	326.3	336.3	346.3	356.3	366.3	376.3	386.3	396.3	406.3	
08	22.8	27.0	30.5	34.8	38.8	42.9	47.1	51.2	55.5	25.0	31.2	35.2	39.2	43.3	47.4	51.6	55.7	59.8	27.5	33.5	39.7	43.7	47.7	51.9	56.0	60.0	64.1	81.6	76.7	71.8	66.9	61.1	55.4	49.6	43.9	38.1	48.1	48.1	48.1	48.1	
	11.3	3.5	-3.2	-11.0	-18.4	-25.3	-32.2	-39.2	-46.2	215.7	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-42.5	72.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-11.0	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0
	16.2	26.3	36.3	46.3	56.3	66.3	76.3	86.3	96.3	106.3	116.3	126.3	136.3	146.3	156.3	166.3	176.3	186.3	196.3	206.3	216.3	226.3	236.3	246.3	256.3	266.3	276.3	286.3	296.3	306.3	316.3	326.3	336.3	346.3	356.3	366.3	376.3	386.3	396.3	406.3	
09	22.8	27.0	30.5	34.8	38.8	42.9	47.1	51.2	55.5	25.0	31.2	35.2	39.2	43.3	47.4	51.6	55.7	59.8	27.5	33.5	39.7	43.7	47.7	51.9	56.0	60.0	64.1	81.6	76.7	71.8	66.9	61.1	55.4	49.6	43.9	38.1	48.1	48.1	48.1	48.1	
	11.3	3.5	-3.2	-11.0	-18.4	-25.3	-32.2	-39.2	-46.2	215.7	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-42.5	72.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-11.0	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0
	16.2	26.3	36.3	46.3	56.3	66.3	76.3	86.3	96.3	106.3	116.3	126.3	136.3	146.3	156.3	166.3	176.3	186.3	196.3	206.3	216.3	226.3	236.3	246.3	256.3	266.3	276.3	286.3	296.3	306.3	316.3	326.3	336.3	346.3	356.3	366.3	376.3	386.3	396.3	406.3	
10	22.8	27.0	30.5	34.8	38.8	42.9	47.1	51.2	55.5	25.0	31.2	35.2	39.2	43.3	47.4	51.6	55.7	59.8	27.5	33.5	39.7	43.7	47.7	51.9	56.0	60.0	64.1	81.6	76.7	71.8	66.9	61.1	55.4	49.6	43.9	38.1	48.1	48.1	48.1	48.1	
	11.3	3.5	-3.2	-11.0	-18.4	-25.3	-32.2	-39.2	-46.2	215.7	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-42.5	72.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-11.0	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0
	16.2	26.3	36.3	46.3	56.3	66.3	76.3	86.3	96.3	106.3	116.3	126.3	136.3	146.3	156.3	166.3	176.3	186.3	196.3	206.3	216.3	226.3	236.3	246.3	256.3	266.3	276.3	286.3	296.3	306.3	316.3	326.3	336.3	346.3	356.3	366.3	376.3	386.3	396.3	406.3	
11	22.8	27.0	30.5	34.8	38.8	42.9	47.1	51.2	55.5	25.0	31.2	35.2	39.2	43.3	47.4	51.6	55.7	59.8	27.5	33.5	39.7	43.7	47.7	51.9	56.0	60.0	64.1	81.6	76.7	71.8	66.9	61.1	55.4	49.6	43.9	38.1	48.1	48.1	48.1	48.1	
	11.3	3.5	-3.2	-11.0	-18.4	-25.3	-32.2	-39.2	-46.2	215.7	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-42.5	72.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-11.0	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0
	16.2	26.3	36.3	46.3	56.3	66.3	76.3	86.3	96.3	106.3	116.3	126.3	136.3	146.3	156.3	166.3	176.3	186.3	196.3	206.3	216.3	226.3	236.3	246.3	256.3	266.3	276.3														

Input and output:

Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

device hue text:

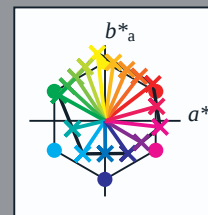
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



%Gamut

$u^*_{rel} = 87$

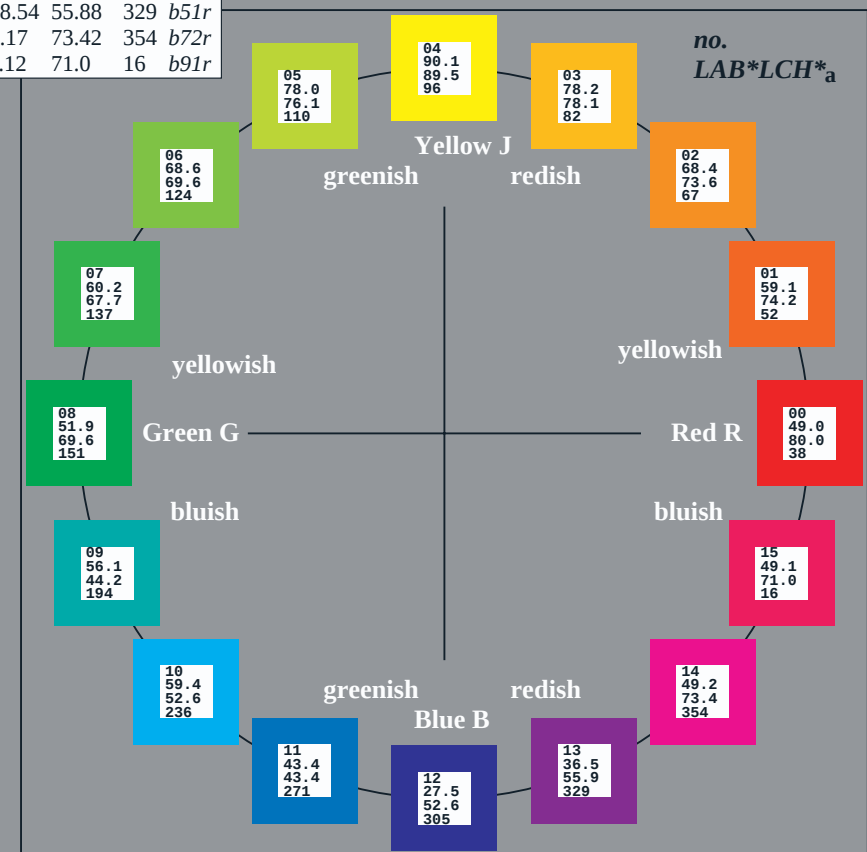
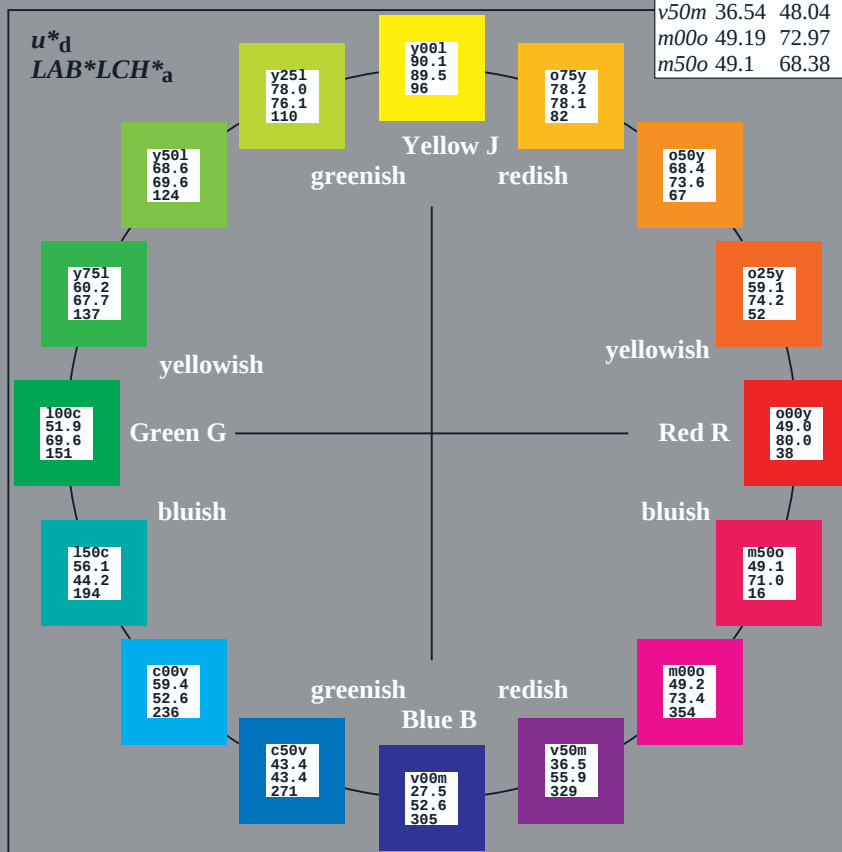
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

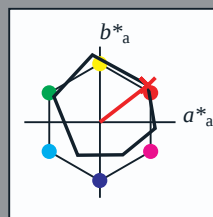
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o00y$ $u^*_e = r18j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 49

$LAB^*LCH^*_{Ma}$: 49 80 37

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

$lab^*rgb^*_{Ma}$: 1.0 0.18 0.0

triangle lightness t^*

% Gamut

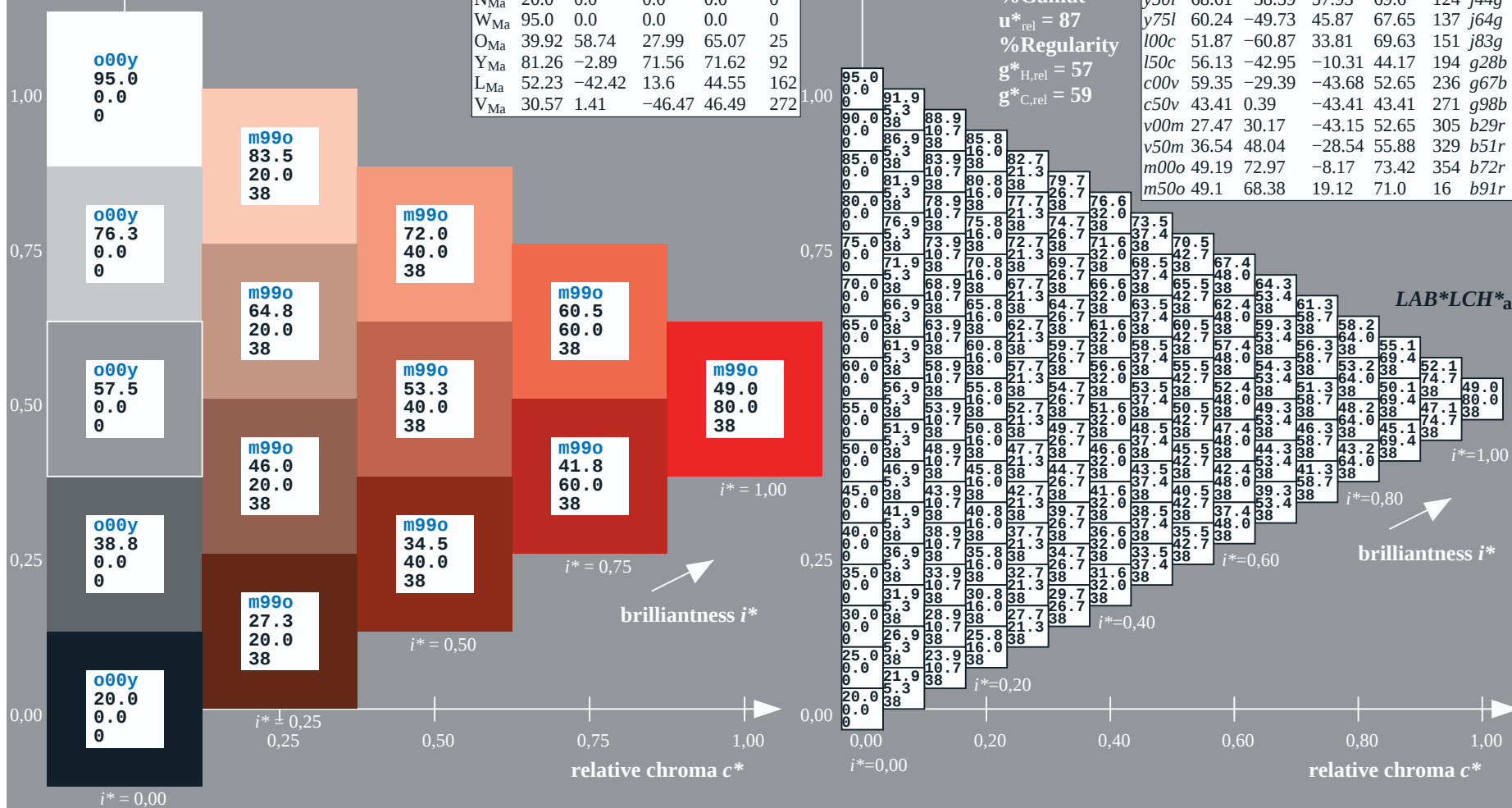
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$

data for any colour:

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

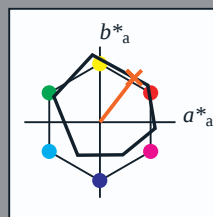
Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 59

$LAB^*LCH^*_{Ma}$: 59 74 52

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

$lab^*rgb^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = o25y$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$

data for any colour:

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

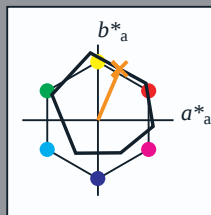
Hue texts:

$u^*_d = o50y$ $u^*_e = r62j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 68

$LAB^*LCH^*_{Ma}$: 68 74 67

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

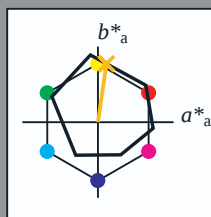
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o75y$ $u^*_e = r83j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 11 77

$LAB^*LCH^*_{Ma}$: 78 78 81

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

$lab^*rgb^*_{Ma}$: 1.0 0.84 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = o75y$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$ data for any colour:

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

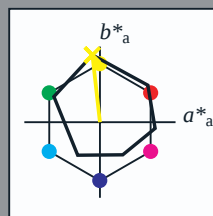
Hue texts:

$$u_d^* = 100l \quad u_e^* = j06q$$

contrast reduction factor:

 $c_D = 0.97$ triangle lightness t^*

triangle rightness:



ORS20_95aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

 $LAB*LAB*M_2: 90 \quad -10 \quad 89$ LAB*LCH*_{MA}: 90 89 96 $lab^*ch^*s : 1.0 \ 1.0 \ 0.0$ $1.1^* - 1.1^* \quad 0.04 \quad 1.0 \quad 0$ $100 \text{ Ma} \cdot 0.54 \cdot 1.0 \cdot 0.0$

triangle lightness t^*

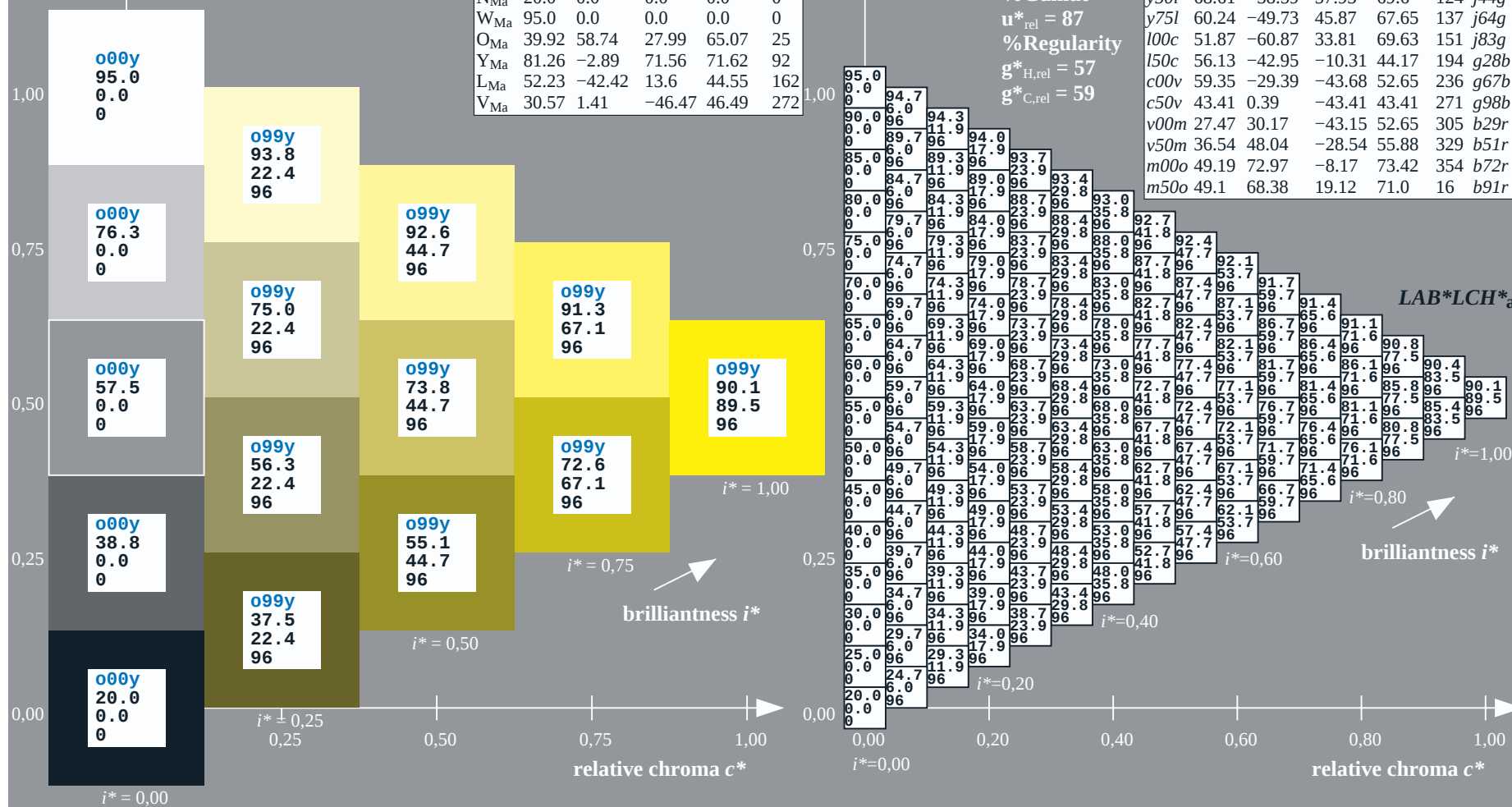
%Gamut

$$u_{rel}^* = 87$$

%Regular

$$g_{\text{H,rel}}^* = 57$$
$$g^*_{C,rel} = 59$$

ORS20_95aM; adapted (a) CIELAB data							
u_d^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_e^*	
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18i</i>	
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>	
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>	
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>	
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>	
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>	
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>	
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>	
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>	
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>	
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>	
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>	
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>	
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>	
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>	
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>	



BAM-test chart Ee65; Colorimetric systems, Page 96/198

D65: colour scales and 9 data tables for 16 hues $000y$ to $m75o$

input: 000n / w / nnn0 / www set...

output: $\rightarrow LAB^* \rightarrow cmyn6^* setcmyk$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

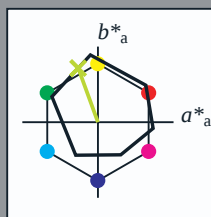
Hue texts:

$u^*_d = y25l$ $u^*_e = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 -26 71

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

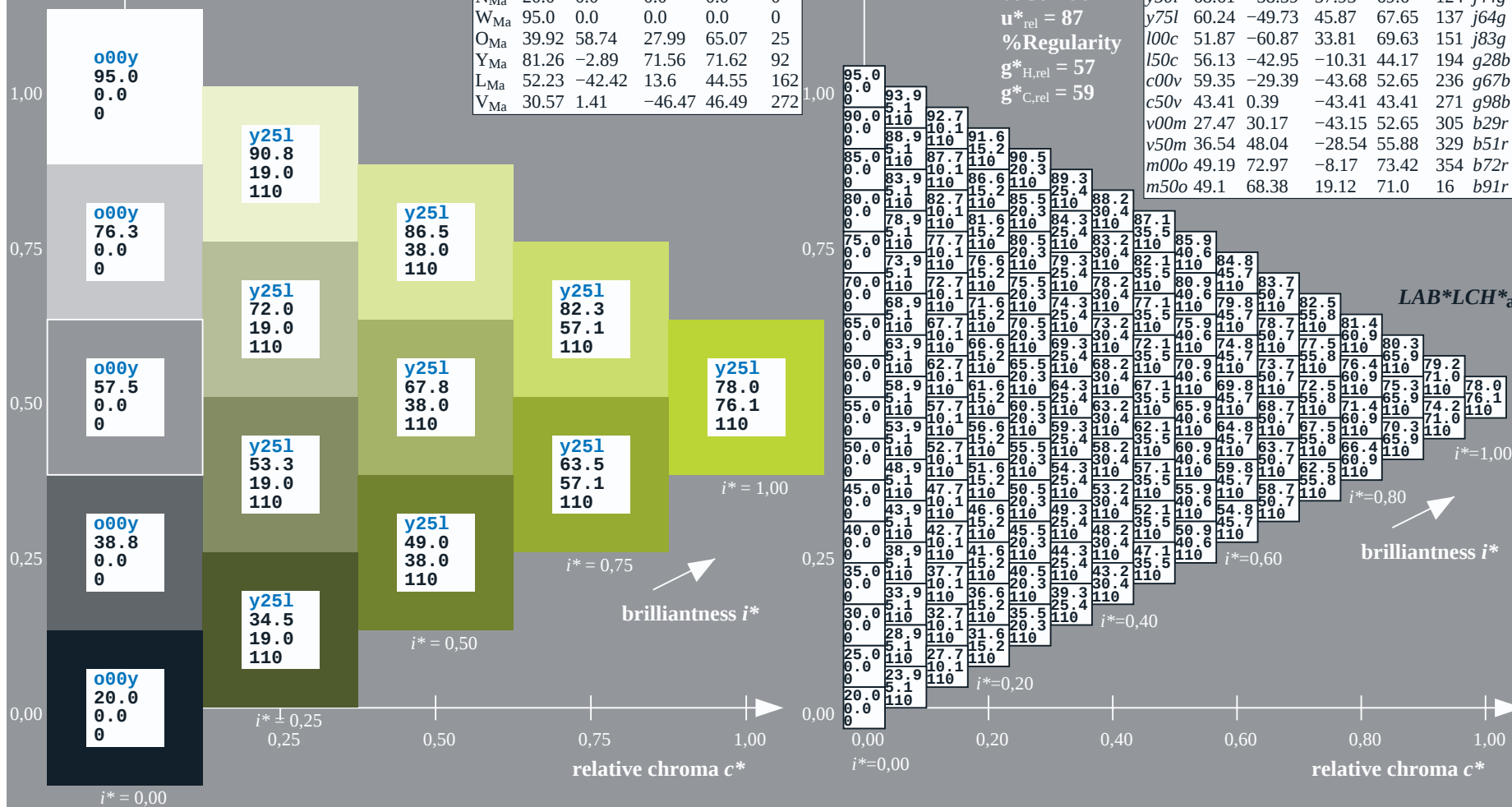
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

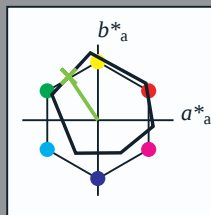
Hue texts:

$u^*_d = y50l$ $u^*_e = j44g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -39 58

$LAB^*LCH^*_{Ma}$: 69 70 123

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

$lab^*rgb^*_{Ma}$: 0.55 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

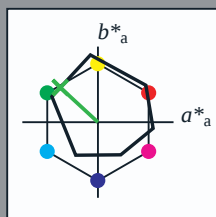
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y75l$ $u^*_e = j64g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 60 -50 46

$LAB^*LCH^*_{Ma}$: 60 68 137

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

$lab^*rgb^*_{Ma}$: 0.36 1.0 0.0

triangle lightness t^*

%Gamut

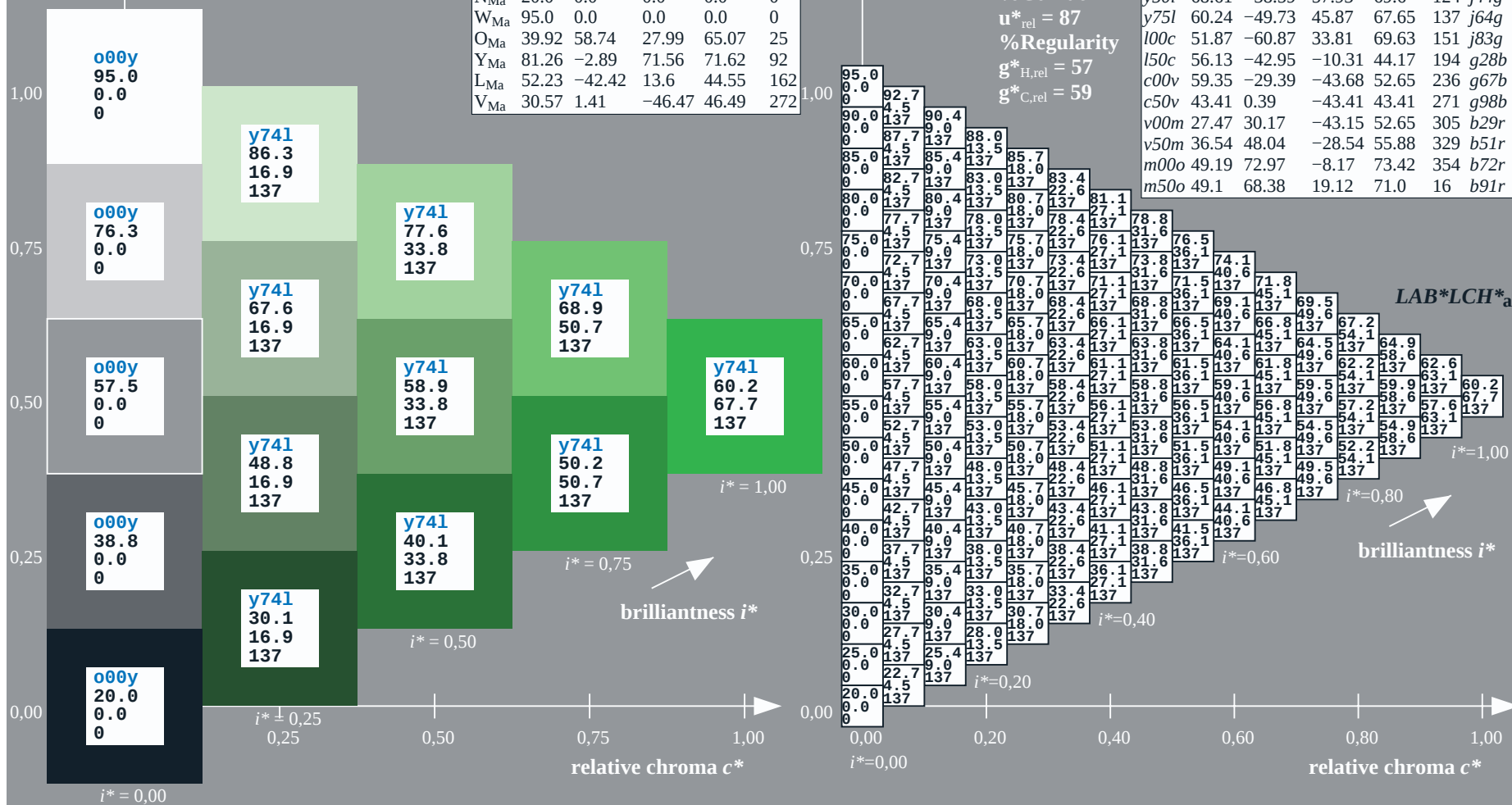
$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

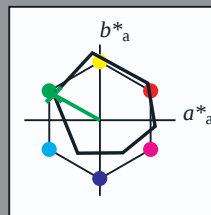
Hue texts:

$u^*_d = 100c$ $u^*_e = j83g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -61 34

$LAB^*LCH^*_{Ma}$: 52 70 150

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

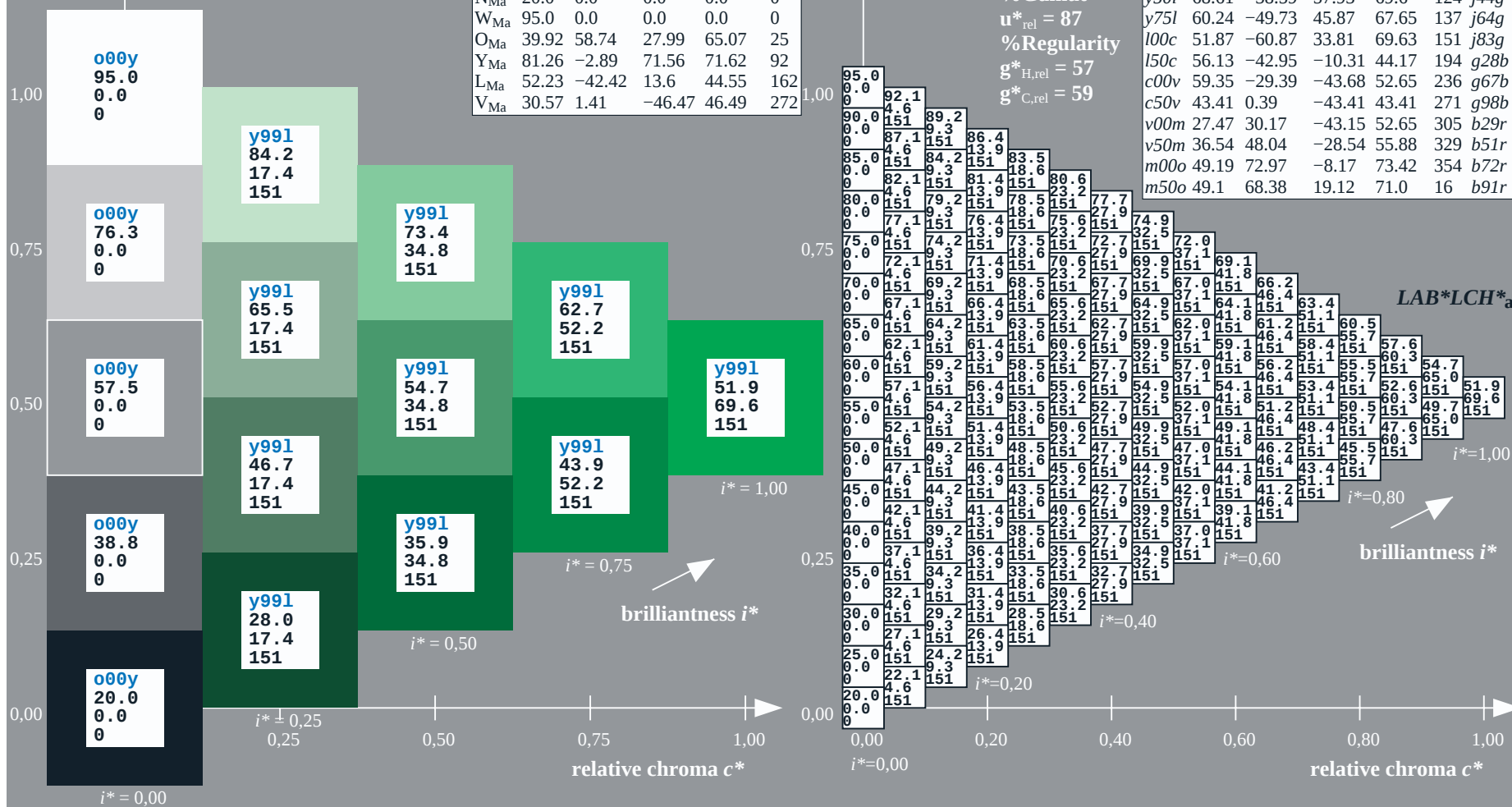
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$
data for any colour: Data for maximum colour (Ma):

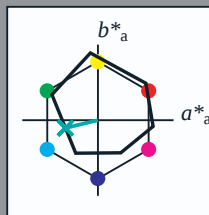
$$u_d^* = 150c$$

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

Hue texts:

$$u^*_d = 150c \quad u^*_e = q28b$$

contrast reduction factor:

 $C_D = 0.97$ triangle lightness t^* 

ORS20_95aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
L _{Ma}	81.26	-2.89	71.56	71.62	92	
Y _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB*LAB*_M3: 56 \quad -43 \quad -10$

LAB*LCH*MO: 56 44 193

 $lab*ply*5: 0.0 \quad 1.0 \quad 0.5$
$$l_{\text{bol}}^* - l^* = 0.0 \quad 1.0 \quad 0.57$$

100 190 Ma: 0.0 1.0 0.57

triangle lightness t^*

0

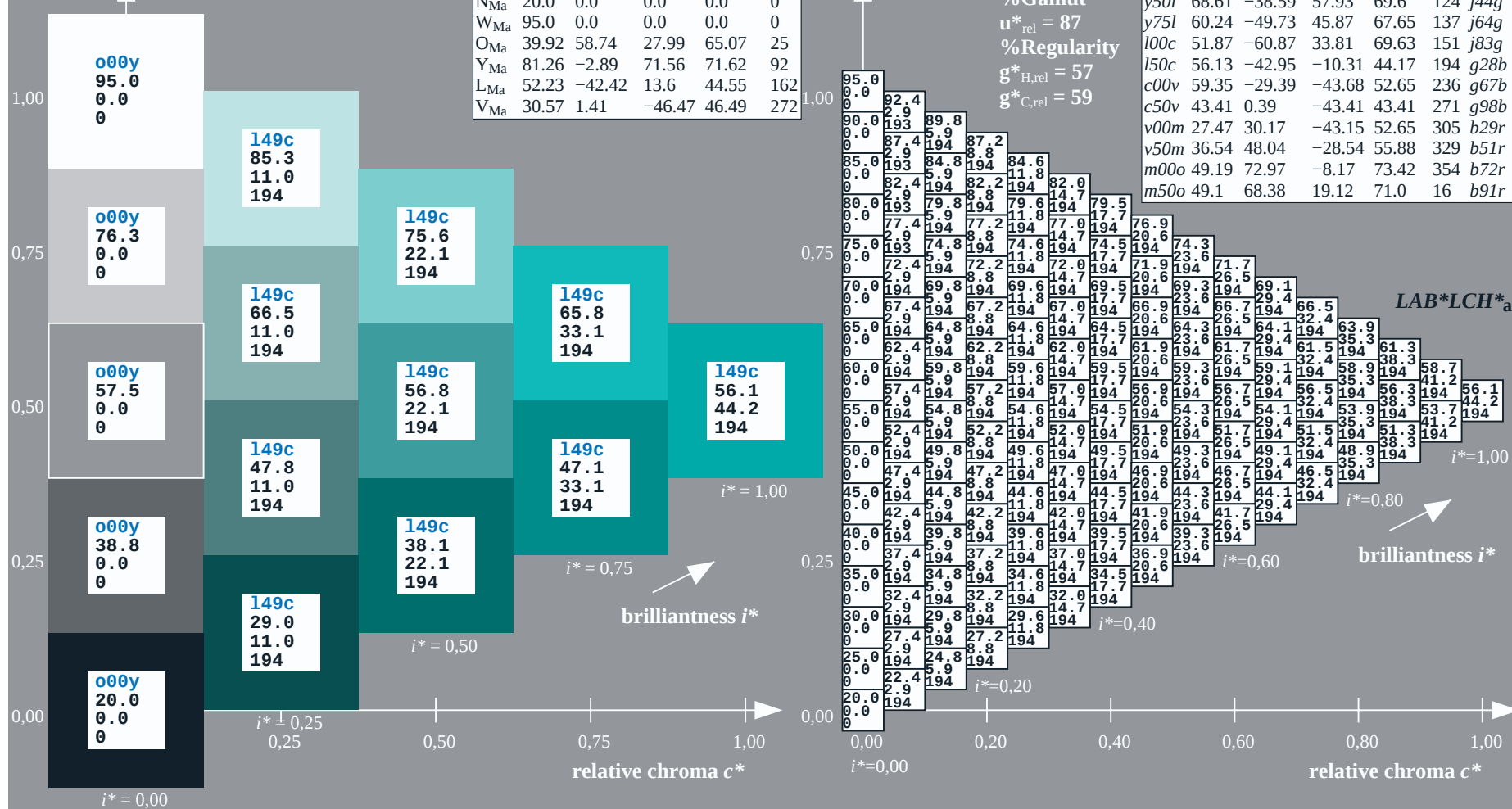
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 87$$

%Regula

$$g^*_{H,rel} = 52$$
$$g^*_{C,rel} = 59$$

ORS20_95aM; adapted (a) CIELAB data							
u_d^*	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u_e^*	
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>	
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>	
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>	
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>	
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>	
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>	
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>	
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>	
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>	
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>	
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>	
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>	
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>	
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>	
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>	
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>	



BAM registration: 20081001-Ee65/10/L65E00FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

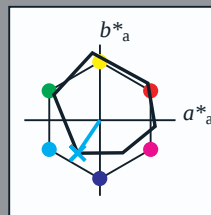
Hue texts:

$u^*_d = c00v$ $u^*_e = g67b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -29 -44

$LAB^*LCH^*_{Ma}$: 59 53 236

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

$lab^*rgb^*_{Ma}$: 0.0 0.65 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

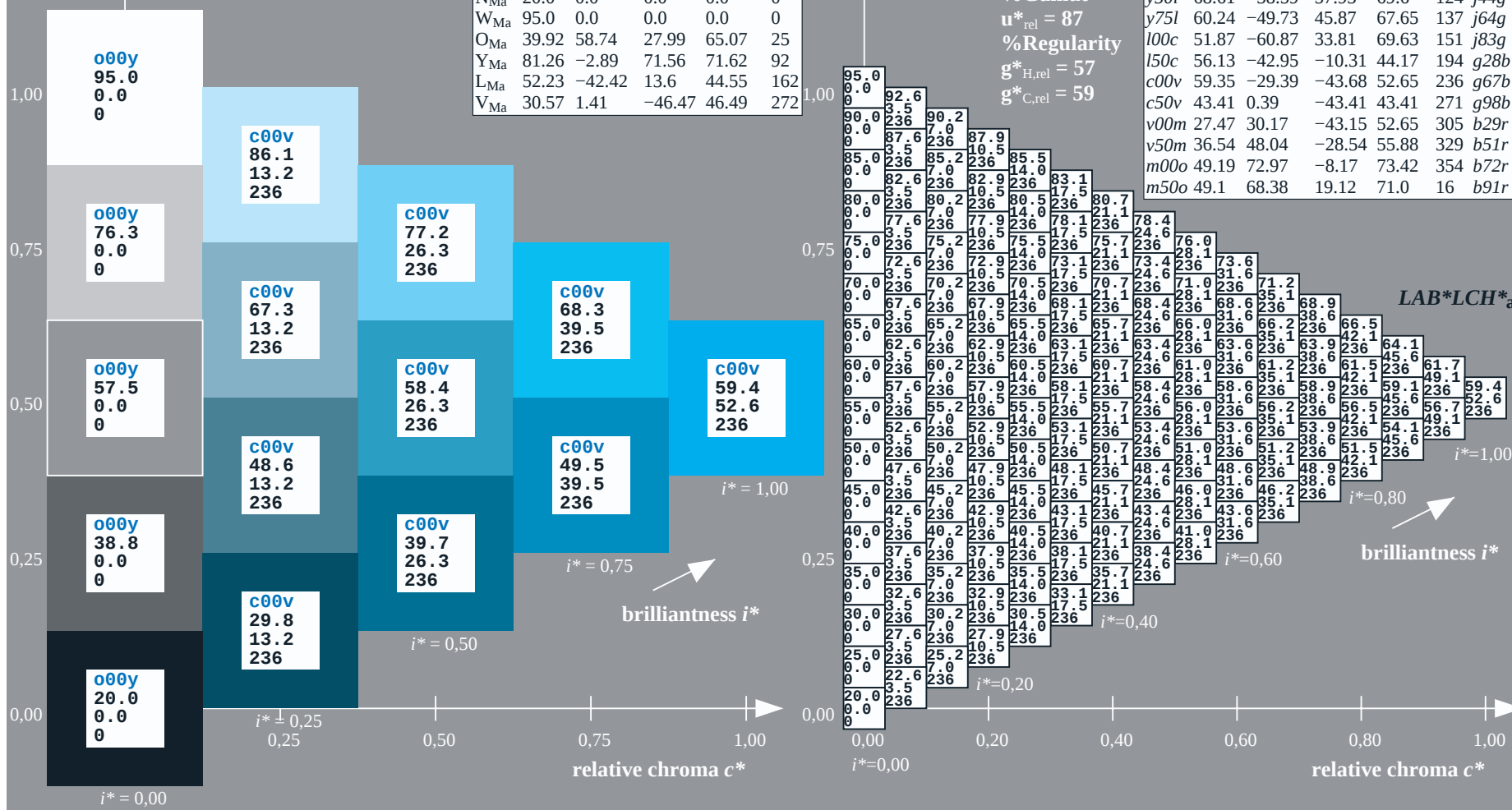
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = c00v$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

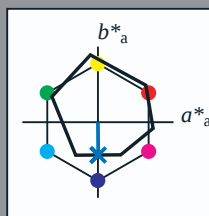
Hue texts:

$u^*_d = c50v$ $u^*_e = g98b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 0 -43

$LAB^*LCH^*_{Ma}$: 43 43 270

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

$lab^*rgb^*_{Ma}$: 0.0 0.02 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

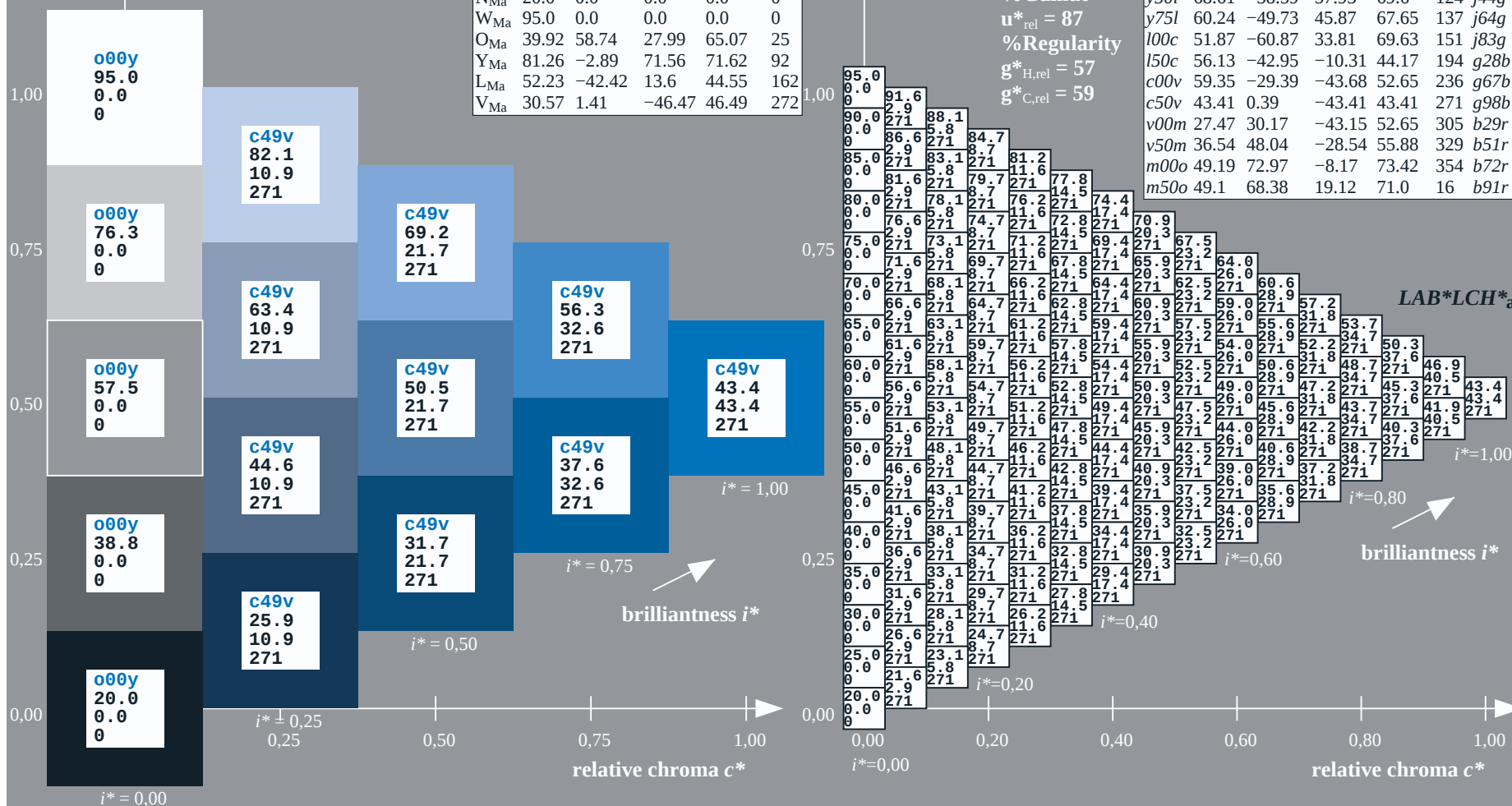
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

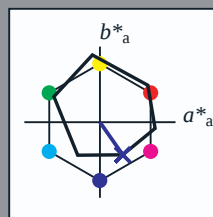
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = c50v$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b29r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 27 30 -43

$LAB^*LCH^*_{Ma}$: 27 53 304

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

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

triangle lightness t^*

%Gamut

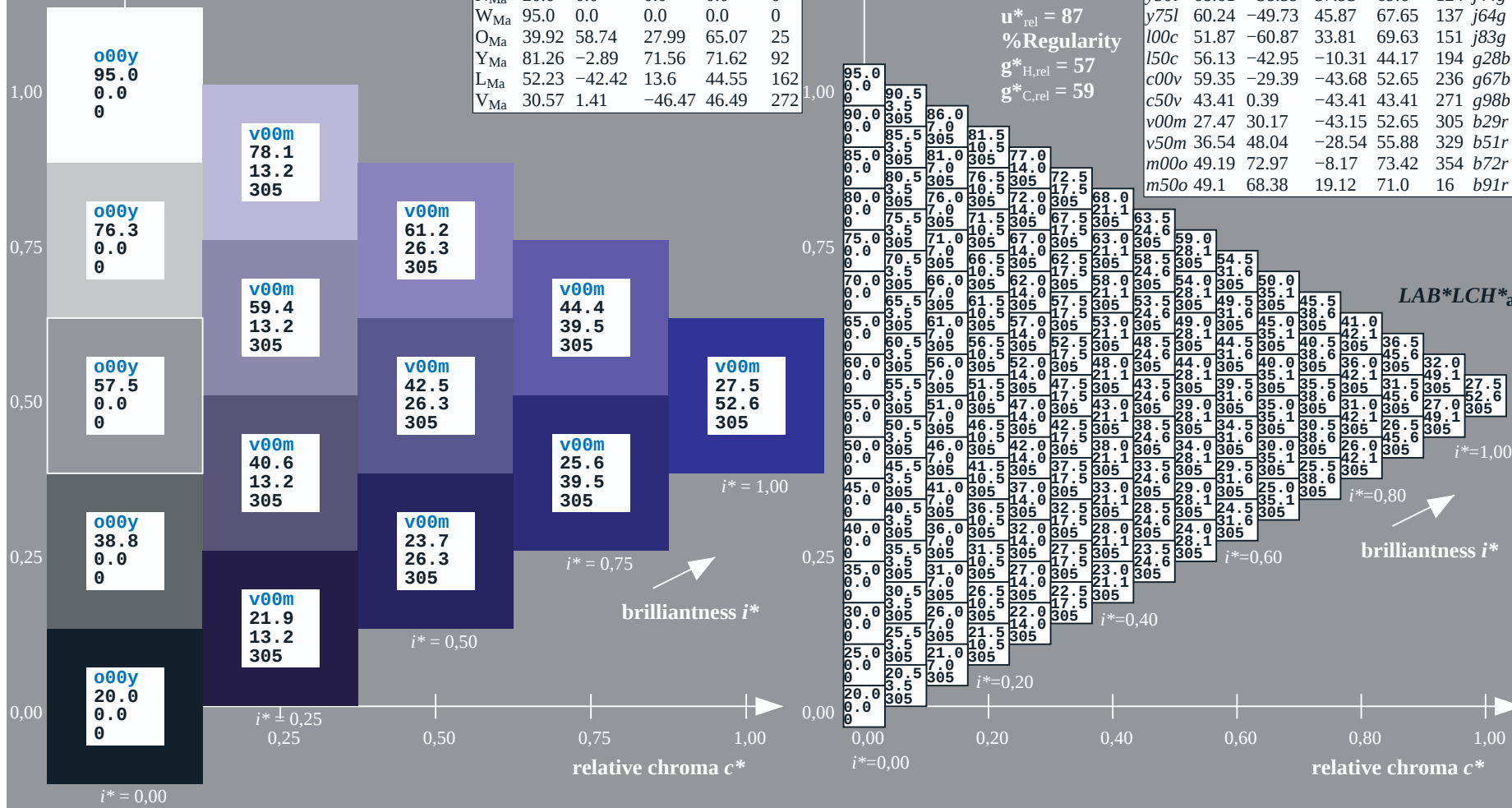
$u^*_{rel} = 87$

%Regularity

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

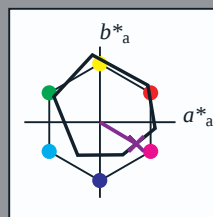
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v50m$ $u^*_e = b51r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 48 -29

$LAB^*LCH^*_{Ma}$: 37 56 329

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

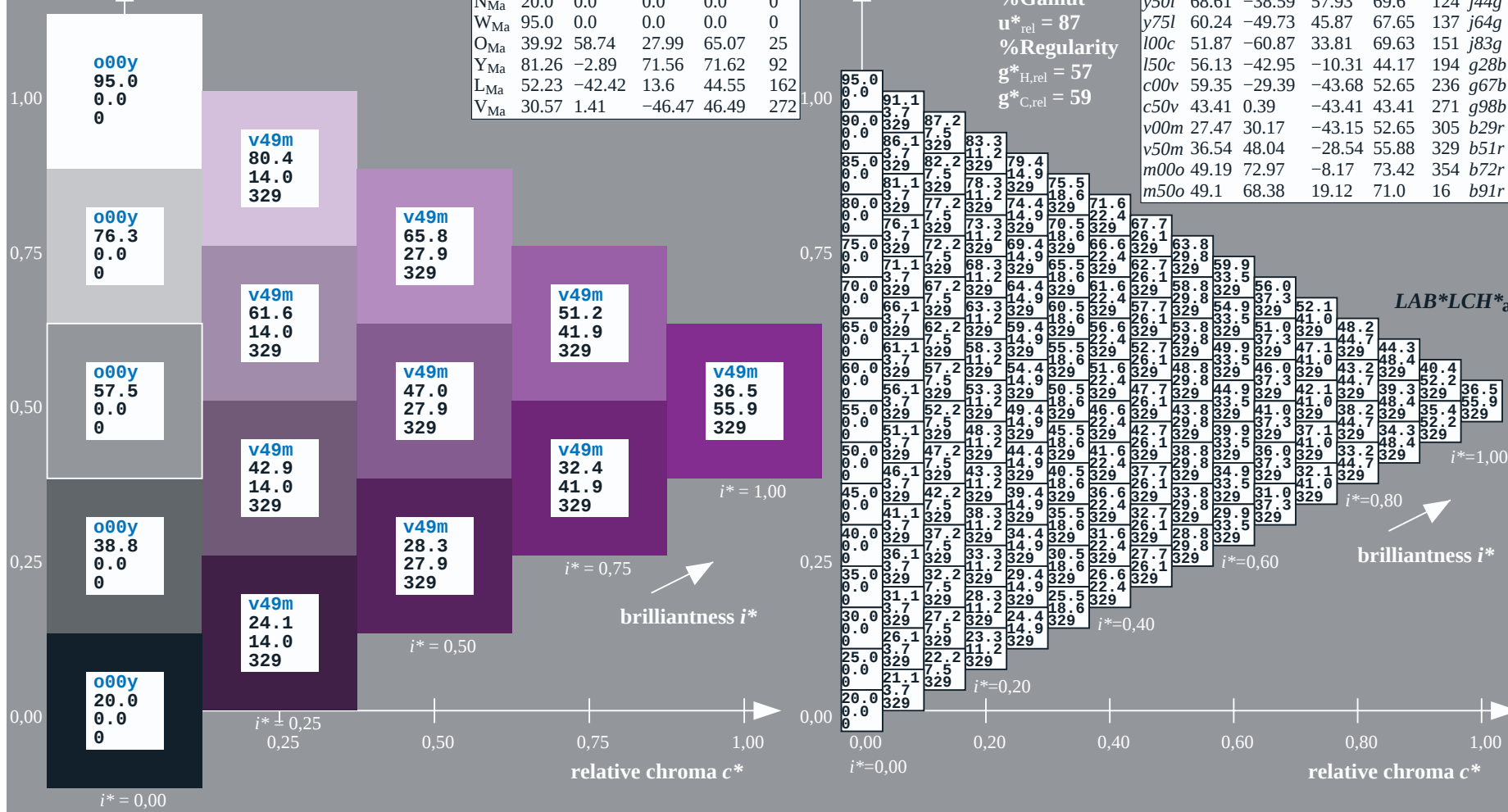
%Regularity

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

$g^*_{C,rel} = 59$

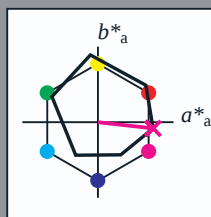
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m00o$ $u^*_e = b72r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	49.0	63.38	48.88	80.04	38	r18j
Y _{Ma}	90.12	-9.95	88.92	89.48	96	r40j
L _{Ma}	51.87	-60.87	33.81	69.63	151	r62j
C _{Ma}	59.35	-29.39	-43.68	52.65	236	r83j
V _{Ma}	27.47	30.17	-43.15	52.65	305	j06g
M _{Ma}	49.19	72.97	-8.17	73.42	354	j25g
N _{Ma}	20.0	0.0	0.0	0.0	0	j44g
W _{Ma}	95.0	0.0	0.0	0.0	0	j64g
O _{Ma}	39.92	58.74	27.99	65.07	25	j83g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g28b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g67b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g98b

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 73 -8

$LAB^*LCH^*_{Ma}$: 49 73 353

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.56

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = m00o$
 $LAB^*LCH^*_{Ma}$

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

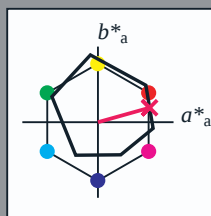
Hue texts:

$u^*_d = m50o$ $u^*_e = b91r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 68 19

$LAB^*LCH^*_{Ma}$: 49 71 15

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.17

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

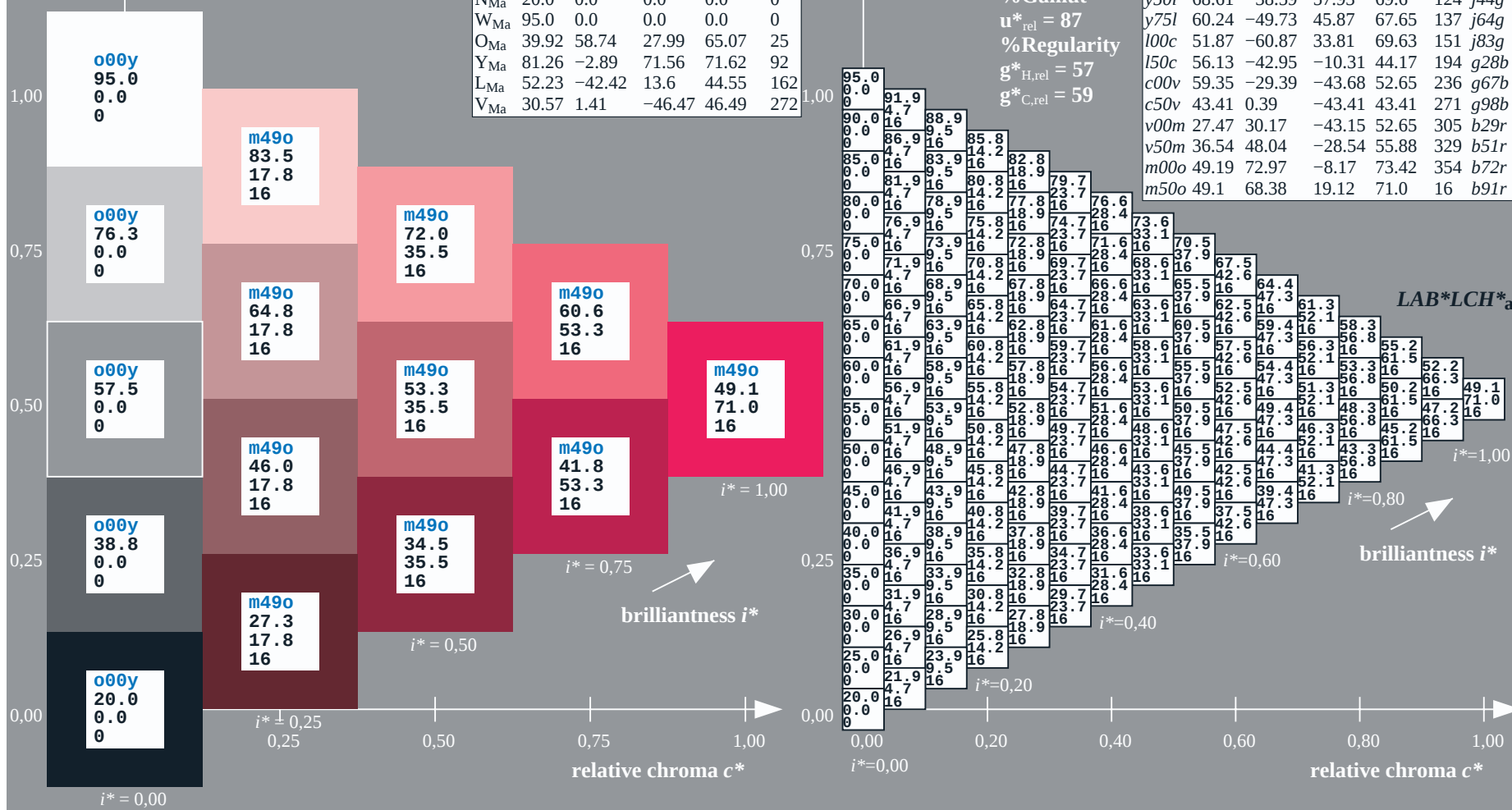
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



BAM registration: 20081001-Ee65/10L/L65E00FP.ps/ .PDF BAM m
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*LCH*	a*		
01	28.0	24.6	28.0	32.0	35.9	39.9	43.9	47.9	51.9	23.6	28.8	32.2	36.1	40.1	44.1	48.1	52.1	56.1	27.3	32.1	37.5	40.5	44.3	48.2	52.2	56.2	60.2	95.0	89.3	83.5	77.8	72.0	66.3	60.5	54.8	49.0	20.0	20.0	20.0	20.0	
	0.0	8.7	17.4	26.1	34.8	43.5	52.2	60.9	69.6	10.0	11.2	17.4	25.4	33.8	42.3	50.9	59.5	68.1	20.0	18.4	22.4	27.5	34.8	42.7	50.9	59.2	67.7	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	0.0	0.0	0.0	0.0	
	0	151	151	151	151	151	151	151	151	38	96	124	133	137	140	142	149	153	38	67	96	115	124	129	133	135	137	0	38	38	38	38	38	38	38	38	0	0	0	0	
02	26.9	24.9	29.0	33.2	37.2	41.1	45.3	49.4	53.4	23.6	29.4	33.4	37.3	41.3	45.3	49.3	53.3	57.3	27.3	33.0	38.1	41.5	45.5	49.5	53.5	57.5	91.5	85.6	79.9	74.1	68.4	62.6	56.9	51.1	45.4	29.4	29.4	29.4	29.4		
	6.6	6.6	11.0	17.8	25.2	33.0	41.3	49.2	57.4	9.2	0.0	8.7	17.4	26.1	34.8	43.5	52.2	60.9	17.8	10.0	11.2	17.4	25.4	33.8	42.7	50.9	59.5	6.6	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	0.0	0.0	0.0	0.0	
	395	236	194	179	172	168	165	163	162	354	0	151	151	151	151	151	151	151	38	67	96	124	133	137	140	142	143	236	0	38	38	38	38	38	38	38	0	0	0	0	
13	21.9	25.9	29.8	33.9	38.1	42.2	46.3	50.4	54.5	24.1	30.3	34.4	38.4	42.5	46.6	50.7	54.7	58.7	27.3	33.0	38.8	42.7	46.7	50.7	54.7	58.7	62.7	86.1	81.2	76.3	70.5	64.8	59.0	53.3	47.5	41.8	38.8	38.8	38.8	38.8	
	13.2	16.9	13.2	16.8	21.2	28.6	35.5	42.8	50.4	14.0	6.6	6.6	11.0	17.8	25.2	33.0	41.0	49.2	18.4	9.2	0.0	8.7	17.4	26.1	34.8	43.5	52.2	13.2	6.6	0.0	10.0	20.0	30.0	40.0	50.0	60.0	0.0	0.0	0.0	0.0	
	395	271	236	208	194	185	179	175	172	329	305	236	194	179	172	168	165	163	354	354	354	0	151	151	151	151	151	151	236	0	38	38	38	38	38	38	38	0	0	0	0
19	22.8	27.0	30.5	34.8	38.8	42.9	47.1	51.2	55.3	25.0	31.2	35.2	39.2	43.3	47.4	51.6	55.7	59.8	27.3	33.5	39.7	43.7	47.8	51.9	56.0	60.0	64.1	61.7	61.8	66.9	61.1	55.4	49.6	43.9	38.1	48.1	48.1	48.1	48.1		
	19.7	16.6	16.6	19.7	22.4	27.3	33.1	39.5	46.3	20.0	13.2	10.9	13.2	16.5	22.1	28.6	35.5	42.8	22.3	14.0	6.6	6.6	11.0	17.8	26.2	35.0	41.0	19.7	13.2	6.6	0.0	10.0	20.0	30.0	40.0	50.0	0.0	0.0	0.0	0.0	
	395	289	236	236	219	202	185	173	163	321	271	222	208	194	185	179	175	173	329	329	329	0	151	151	151	151	151	151	236	0	38	38	38	38	38	38	38	0	0	0	0
23	27.8	31.7	35.3	39.3	43.2	47.1	51.0	54.9	58.8	25.0	31.2	35.2	39.2	43.3	47.4	51.6	55.7	59.8	27.3	33.5	39.7	43.7	47.8	51.9	56.0	60.0	64.1	61.7	61.8	66.9	61.1	55.4	49.6	43.9	38.1	48.1	48.1	48.1	48.1		
	26.3	22.1	21.7	22.7	26.7	30.7	34.7	38.7	42.7	9.2	0.0	8.7	17.4	26.1	34.8	43.5	52.2	60.9	17.8	10.0	11.2	17.4	25.4	33.8	42.7	50.9	59.5	6.6	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	0.0	0.0	0.0	0.0	
	395	288	271	253	236	219	208	200	194	317	305	282	259	236	215	202	194	187	329	321	305	271	236	208	185	175	236	236	236	236	236	236	236	236	236	236	236	236	236	236	
24	27.9	32.9	36.4	40.4	44.6	48.8	52.7	56.9	60.9	26.9	33.1	37.5	41.1	44.7	49.1	53.1	57.2	61.2	29.1	35.3	41.6	45.8	49.8	53.5	57.5	61.7	65.8	72.7	67.8	62.9	58.0	53.0	48.1	42.4	36.6	30.9	66.9	66.9	66.9	66.9	
	32.9	29.0	27.3	27.3	29.0	32.9	34.8	38.8	43.7	30.3	26.3	22.7	21.7	22.7	26.3	28.5	32.9	38.2	34.0	26.5	19.7	16.6	16.6	19.7	22.4	27.3	33.1	32.9	26.3	19.7	13.2	6.6	0.0	10.0	20.0	30.0	0.0	0.0	0.0	0.0	
	395	291	277	264	250	236	222	212	204	315	305	288	271	253	236	219	208	200	324	317	305	282	259	236	215	202	194	236	236	236	236	236	236	236	236	236	236	236	236	236	
07	25.6	30.2	34.0	37.6	41.1	44.9	49.5	53.5	57.6	27.8	34.0	38.5	42.3	45.8	49.5	54.0	58.0	62.1	30.0	36.2	42.5	46.9	50.5	54.1	58.4	62.4	66.6	68.3	63.3	58.4	53.5	48.6	43.7	38.8	33.0	27.3	76.3	76.3	76.3	76.3	
	39.5	35.4	32.2	32.6	33.2	35.4	39.5	41.2	44.8	39.5	32.9	29.0	27.3	27.3	29.0	32.9	34.8	38.8	42.0	43.2	43.3	46.3	50.7	54.9	59.2	63.5	67.8	72.1	76.4	80.7	85.0	89.3	93.6	97.9	102.2	106.5	110.8	115.1	119.4		
	395	293	282	271	259	248	236	224	215	313	305	291	277	264	250	236	222	212	321	315	305	288	271	253	236	219	208	236	236	236	236	236	236	236	236	236	236	236	236	236	
08	26.5	31.2	35.1	38.7	42.2	45.8	49.8	54.4	58.4	28.7	35.0	39.5	43.4	46.9	50.5	54.3	58.9	62.9	30.9	37.2	43.4	47.9	51.6	55.1	58.9	63.3	67.3	63.8	58.9	54.0	49.1	44.1	39.2	34.3	29.4	23.6	85.6	85.6	85.6	85.6	
	46.1	41.8	39.3	38.1	38.1	39.3	41.8	46.1	47.6	46.0	39.5	35.4	33.2	32.6	33.2	35.4	39.5	45.1	46.2	46.9	53.9	60.9	67.9	74.9	81.9	88.9	95.9	102.9	109.9	116.9	123.9	130.9	137.9	144.9	151.9	158.9	165.9	172.9	179.9		
	395	295	285	275	266	256	246	236	225	312	305	293	282	271	259	248	236	224	319	313	305	291	277	264	250	236	222	236	236	236	236	236	236	236	236	236	236	236	236	236	
09	25.7	32.2	36.2	39.9	43.4	46.9	50.5	54.7	59.4	29.7	35.9	40.5	44.5	48.1	51.6	55.2	59.2	63.8	31.9	38.1	44.4	48.9	52.8	56.3	59.8	63.7	68.3	72.9	54.4	49.5	44.6	39.7	34.8	29.8	24.9	20.0	95.0	95.0	95.0	95.0	
	62.6	48.2	45.5	43.9	43.4	43.9	45.6	48.2	52.6	45.2	46.1	41.8	39.9	38.1	38.1	39.9	43.8	46.1	53.0	46.0	39.5	35.4	33.2	32.6	32.3	35.4	39.5	52.6	46.1	39.5	32.9	26.3	19.7	13.2	6.6	0.0	10.0	20.0	30.0	40.0	
	395	296	288	279	271	262	253	245	236	311	305	295	285	275	266	256	246	236	317	312	305	293	282	271	259	248	236	236	236	236	236	236	236	236	236	236	236	236	236	236	
10	39.8	35.5	40.6	46.3	49.0	52.6	56.5	60.4	64.4	34.5	39.6	44.2	49.1	55.1	57.6	61.0	64.7	68.6	38.1	43.3	47.9	52.6	57.7	63.8	66.2	69.5	73.1	95.0	94.4	93.8	93.2	92.6	91.9	91.3	90.7	90.1	20.0	20.0	20.0	20.0	
	30.0	27.6	28.5	33.6	38.0	44.6	52.2	60.0	68.1	40.0	37.1	36.8	39.1	44.7	48.8	55.0	62.1	69.6	50.0	46.8	45.8	46.7	49.9	55.9	59.7	65.5	72.2	0.0	11.2	22.4	33.6	44.7	55.9	67.1	78.3	89.5	0.0	0.0	0.0	0.0	
	395	305	279	279	268	258	248	238	228	318	313	303	293	283	273	263	253	243	333	328	318	308	298	288	278	268	258	248	238	228	218	208	198	188	178	168	158	148	138		
11	39.9	36.1	41.5	46.9	49.9	53.7	57.6	61.6	65.6	34.5	40.3	45.2	49.9	55.7	58.4	62.0	65.8	69.8	38.2	43.9	48.9	53.9	58.5	64.4	67.0	70.4	74.1	96.6	95.6	95.0	94.4	93.8	93.2	92.6	92.0	91.4	25.0	25.0	25.0	25.0	
	27.2	20.0	18.8	22.4	27.5	34.8	42.7	50.9	59.2	36.9	30.0	27.6	28.5	33.8	38.0	44.7	52.2	60.1	46.8	40.0	37.1	36.8	39.1	44.7	48.8	55.0	62.1	6.6	0.0	11.2	22.4	33.6	44.7	55.9	67.1	78.3	0.0	0.0	0.0	0.0	
	395	308	287	276	265	254	243	232	221	310	305	295	285	275	265	255	245	235	325	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	160	150	140			
12	39.8	36.6	42.4	47.5	50.9	54.9	58.9	62.9	66.9	34.5	40.3	46.0	50.9	56.3	59.3	63.4	67.0	71.0	38.2	43.9	49.6	54.6	59.5	65.0	67.8	71.4	75.2	78.1	77.2	76.3	75.6	75.0	74.4	73.8	73.2	72.6	30.0	30.0	30.0	30.0	
	26.5	17.8	10.0	11.2	17.4	25.4	33.8	42.3	50.9	35.5	27.2	20.0	18.4	22.4	27.5	33.8	42.7	50.9	44.9	36.9	30.0	27.6	28.5	33.6	38.0	44.7	52.2														

output: $\rightarrow LAB^* \rightarrow cmyn6^* setcmyk$

Input and output:

Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

device hue text:

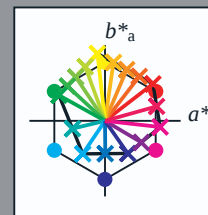
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



%Gamut

$u^*_{rel} = 87$

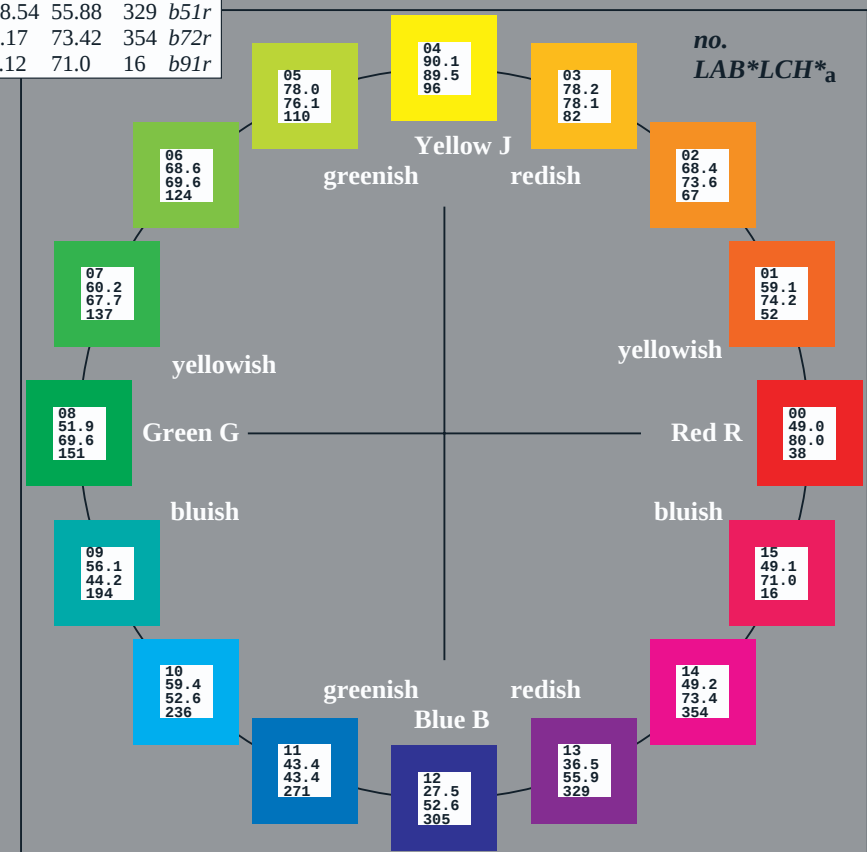
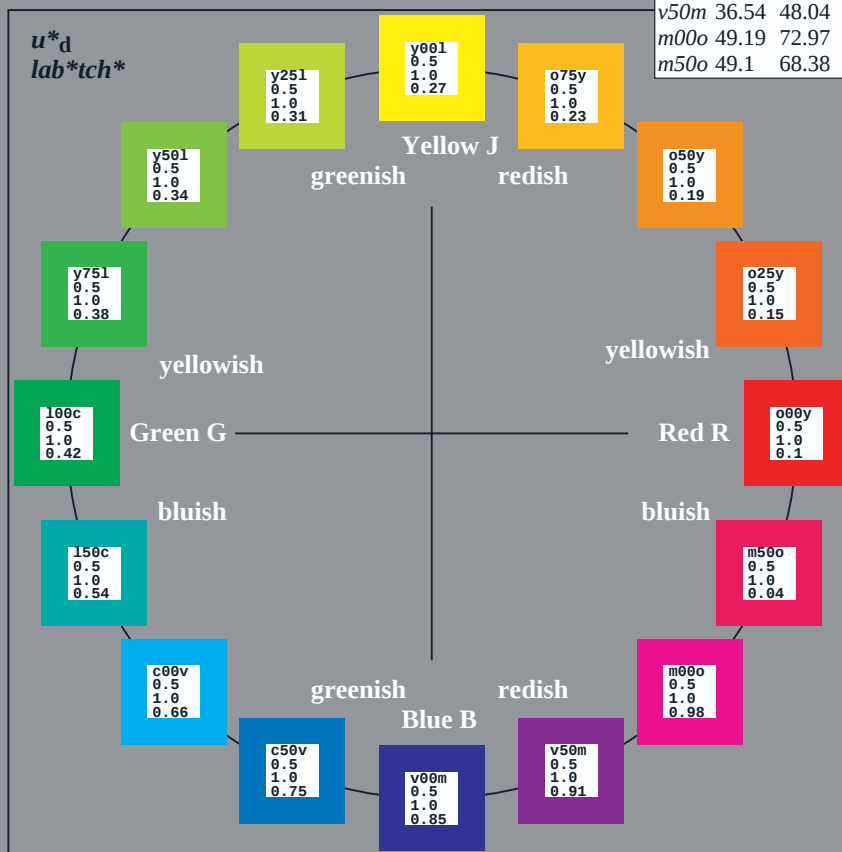
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

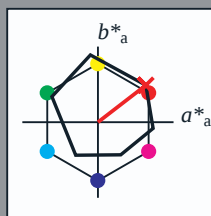
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o00y$ $u^*_e = r18j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 49

$LAB^*LCH^*_{Ma}$: 49 80 37

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

$lab^*rgb^*_{Ma}$: 1.0 0.18 0.0

triangle lightness t^*

% Gamut

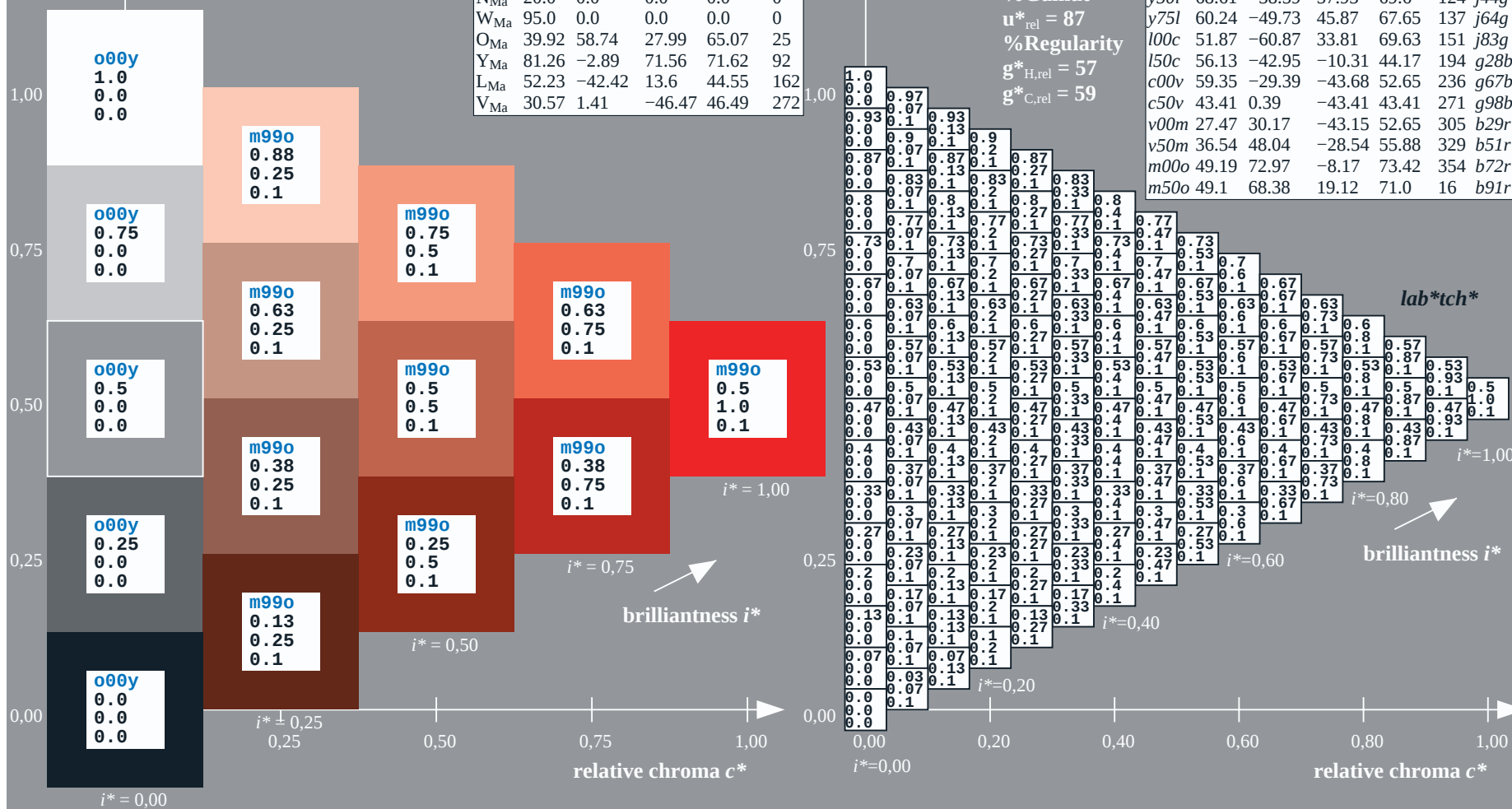
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$



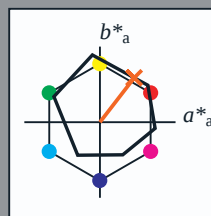
See for similar files: <http://www.ps.bam.de/Ee65/>; www.ps.bam.de/Ee65/10L/L65E00FP.PS/ .PDF
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=1

BAM registration: 20081001-Ee65/10L/L65E00FP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 59

$LAB^*LCH^*_{Ma}$: 59 74 52

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

$lab^*rgb^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

% Gamut

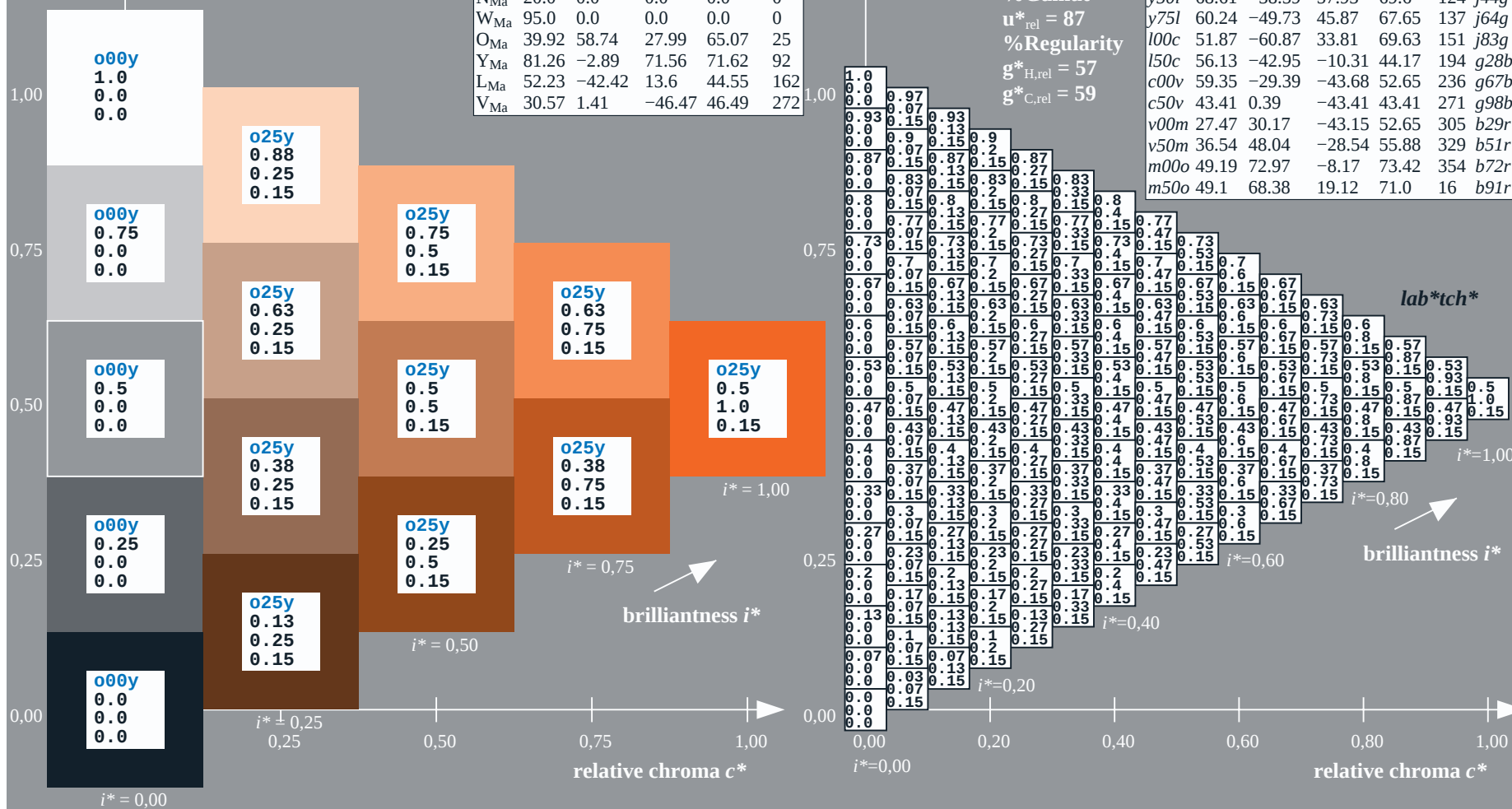
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

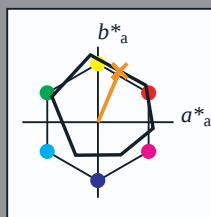
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o50y$ $u^*_e = r62j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 68

$LAB^*LCH^*_{Ma}$: 68 74 67

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

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

triangle lightness t^*

% Gamut

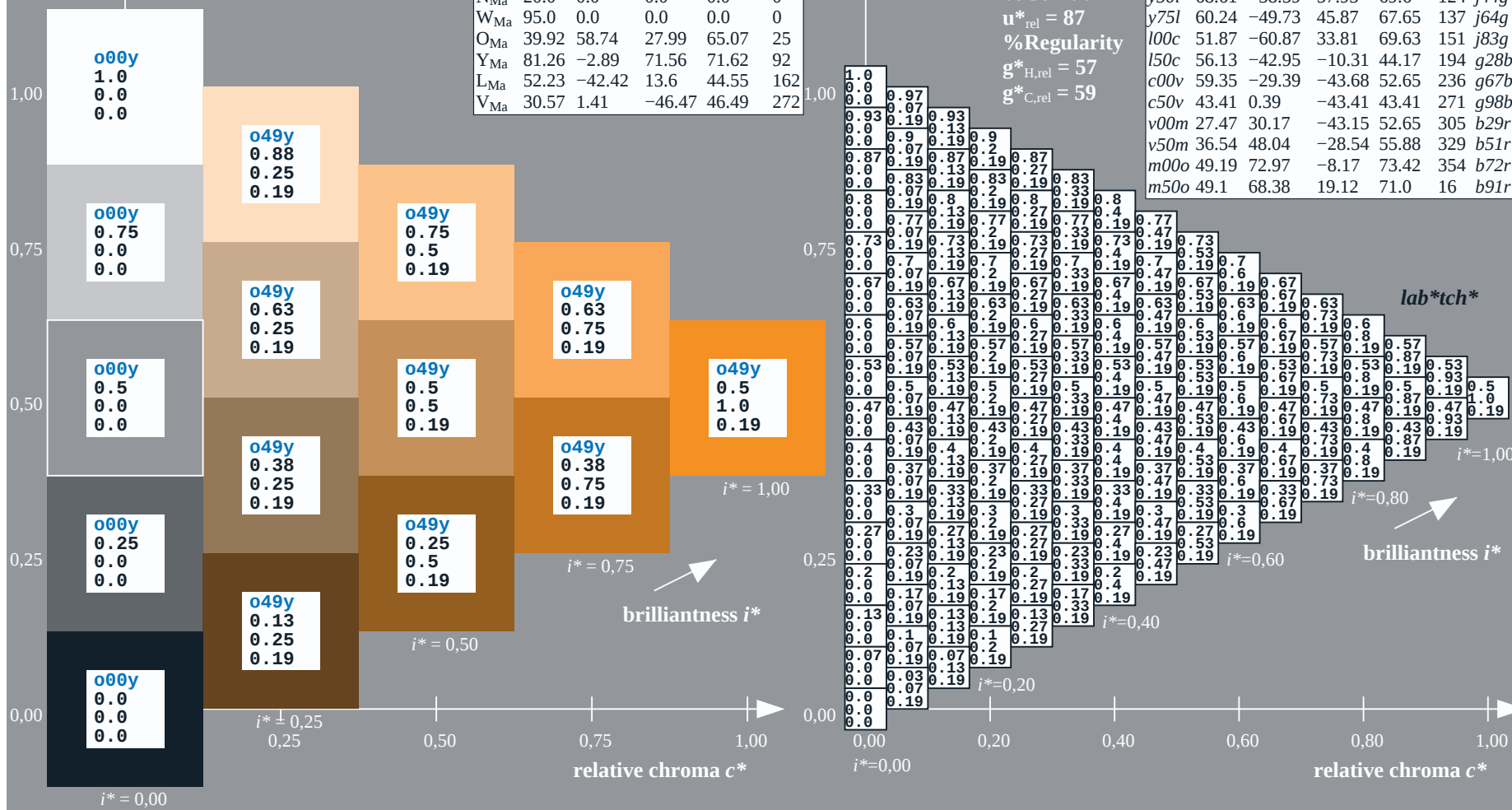
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

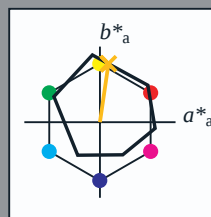
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o75y$ $u^*_e = r83j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 11 77

$LAB^*LCH^*_{Ma}$: 78 78 81

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

$lab^*rgb^*_{Ma}$: 1.0 0.84 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

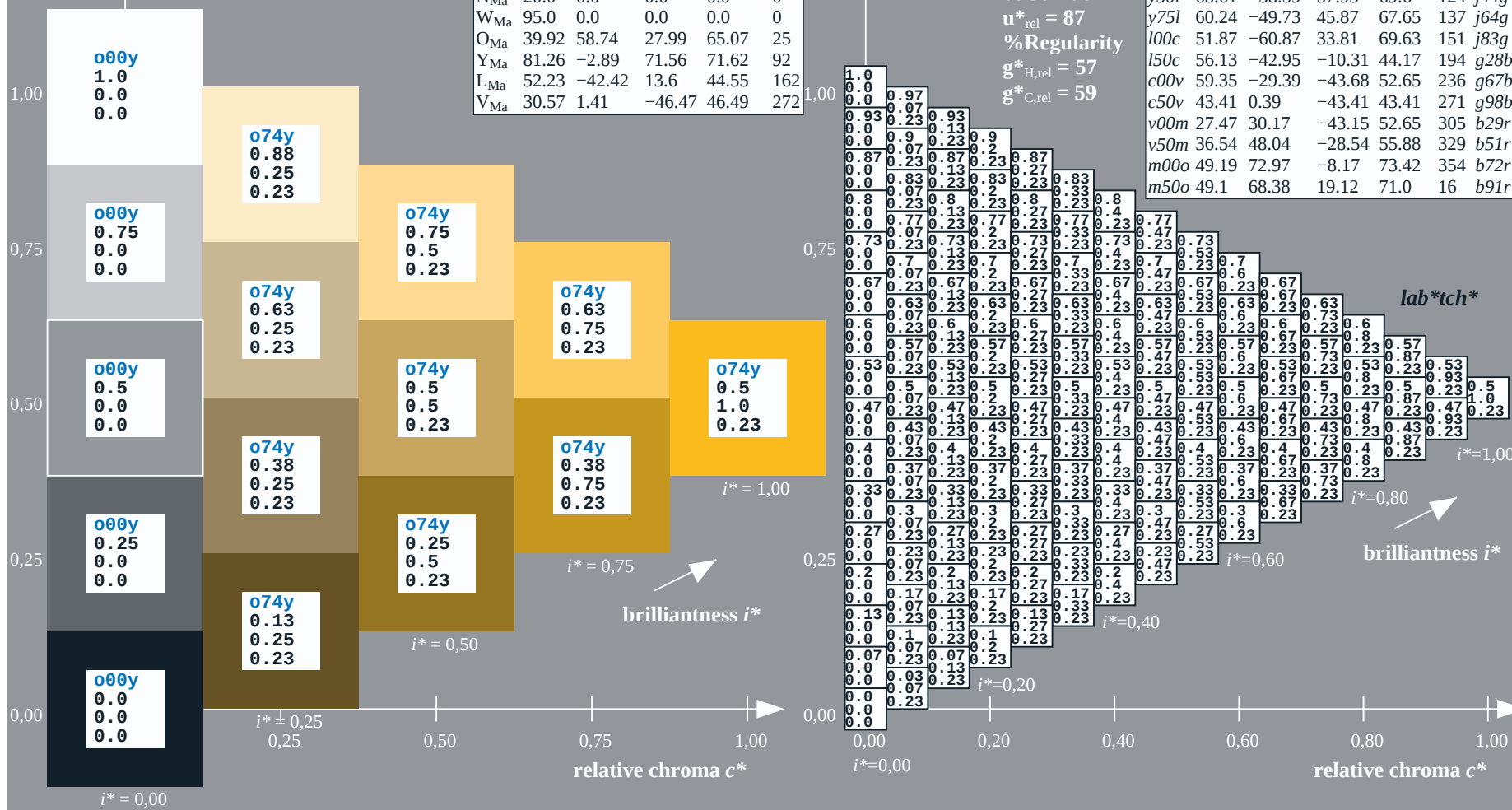
% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = o75y$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

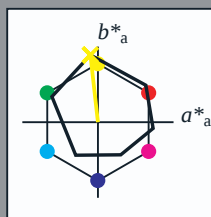
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 90 -10 89

$LAB^*LCH^*_{Ma}$: 90 89 96

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = y00l$
 lab^*tch^*

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

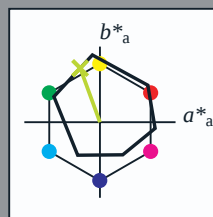
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}^*/360 = 0.306$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_d^* = y25l$ $u_e^* = j25g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u_d^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_e^*
O _{Ma}	49.0	63.38	48.88	80.04	38	r18j
Y _{Ma}	90.12	-9.95	88.92	89.48	96	r40j
L _{Ma}	51.87	-60.87	33.81	69.63	151	r62j
C _{Ma}	59.35	-29.39	-43.68	52.65	236	r83j
V _{Ma}	27.47	30.17	-43.15	52.65	305	j06g
M _{Ma}	49.19	72.97	-8.17	73.42	354	j25g
N _{Ma}	20.0	0.0	0.0	0.0	0	j44g
W _{Ma}	95.0	0.0	0.0	0.0	0	j64g
O _{Ma}	39.92	58.74	27.99	65.07	25	j83g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g28b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g67b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g98b

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 78 -26 71

LAB^*LCH^*Ma : 78 76 110

lab^*olv^*Ma : 0.75 1.0 0.0

lab^*rgb^*Ma : 0.75 1.0 0.0

triangle lightness t^*

% Gamut

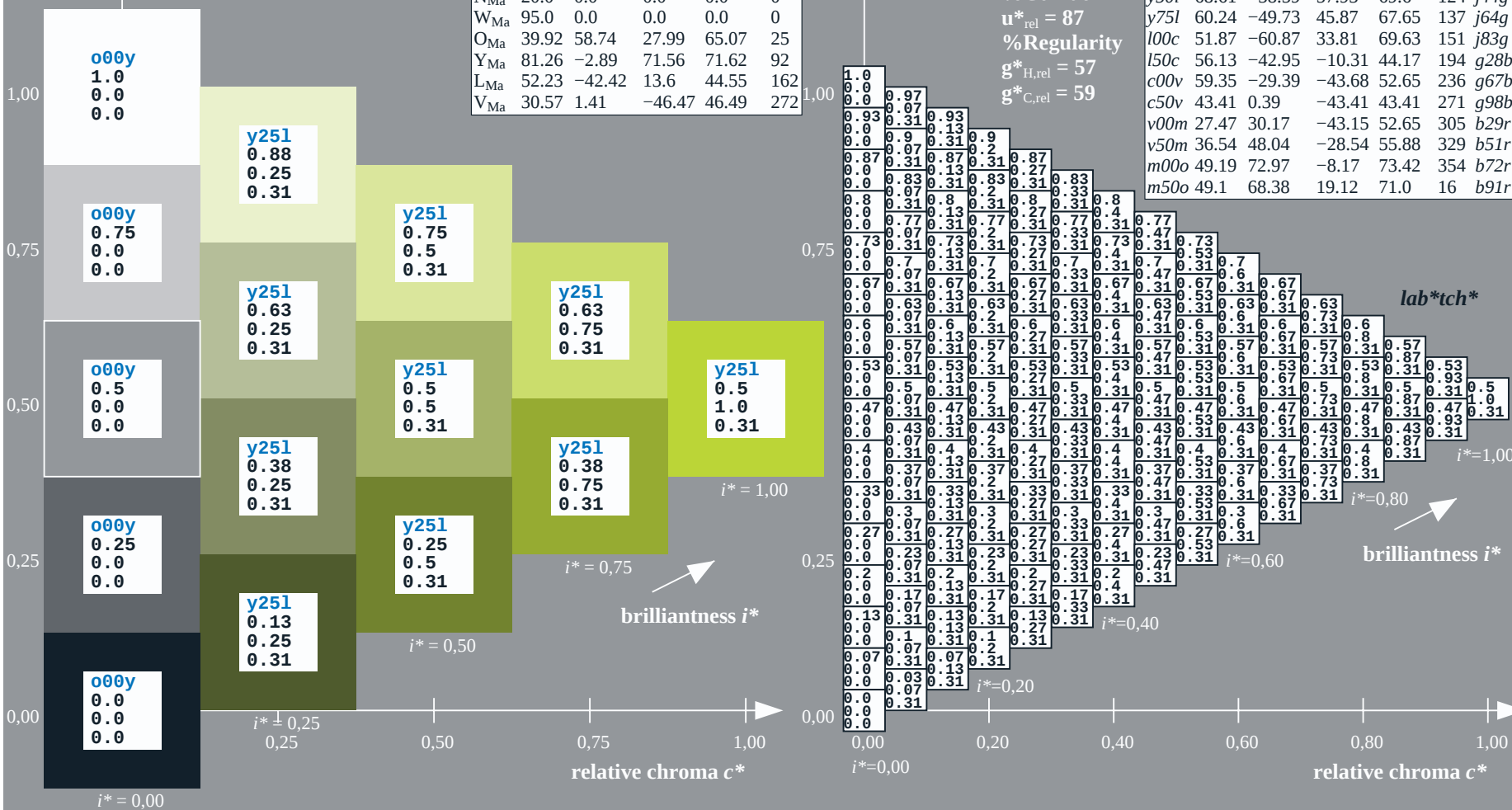
$u_{rel}^* = 87$

% Regularity

$g_{H,rel}^* = 57$

$g_{C,rel}^* = 59$

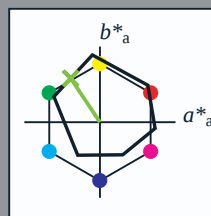
ORS20_95aM; adapted (a) CIELAB data						
u_d^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_e^*
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = y50l$ $u^*_e = j44g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 -39 58

$LAB^*LCH^*_{Ma}$: 69 70 123

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

$lab^*rgb^*_{Ma}$: 0.55 1.0 0.0

triangle lightness t^*

% Gamut

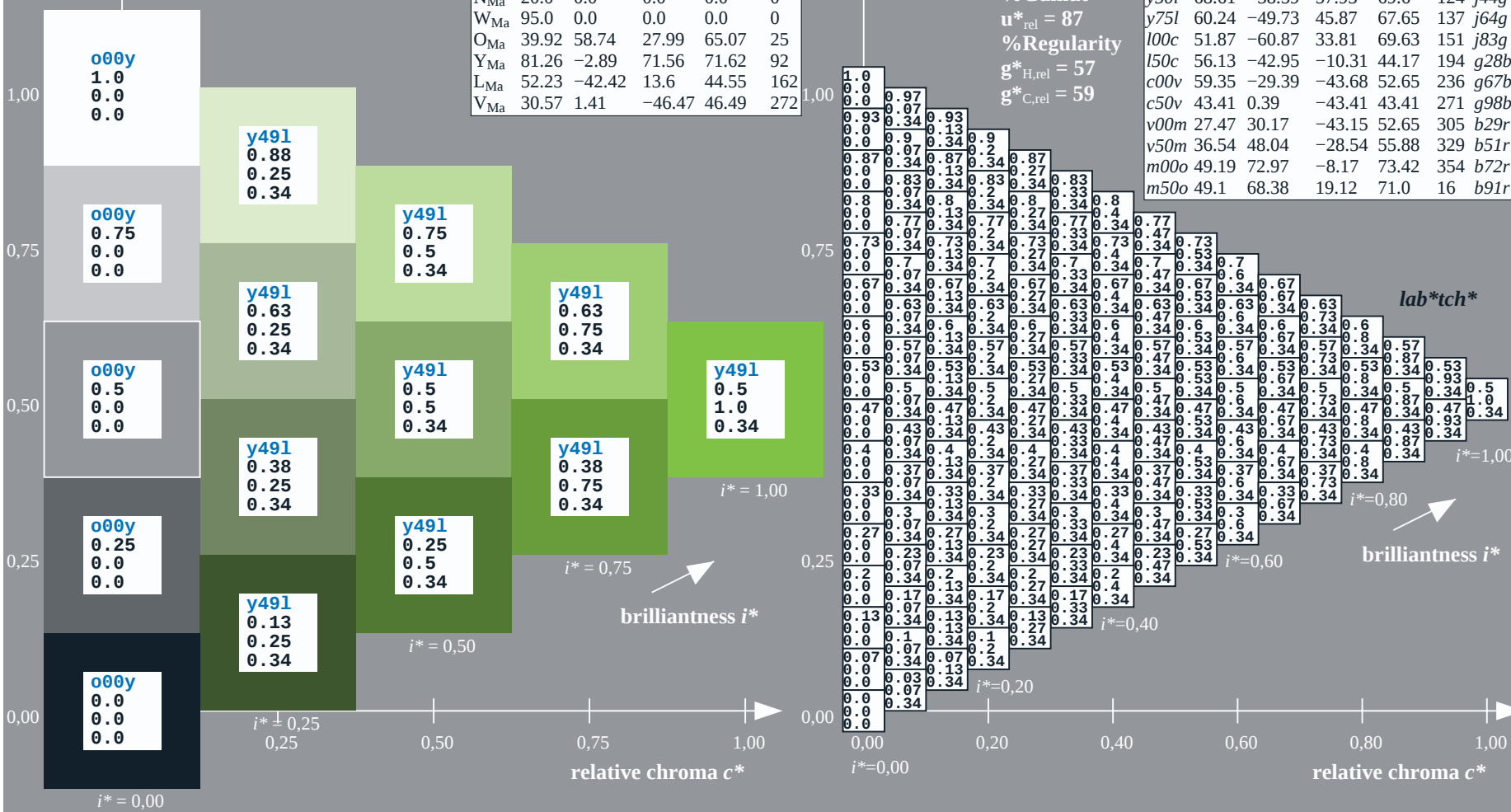
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

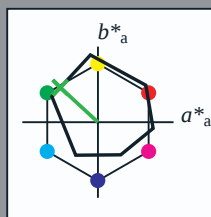
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = y75l$ $u^*_e = j64g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 60 -50 46

$LAB^*LCH^*_{Ma}$: 60 68 137

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

$lab^*rgb^*_{Ma}$: 0.36 1.0 0.0

triangle lightness t^*

% Gamut

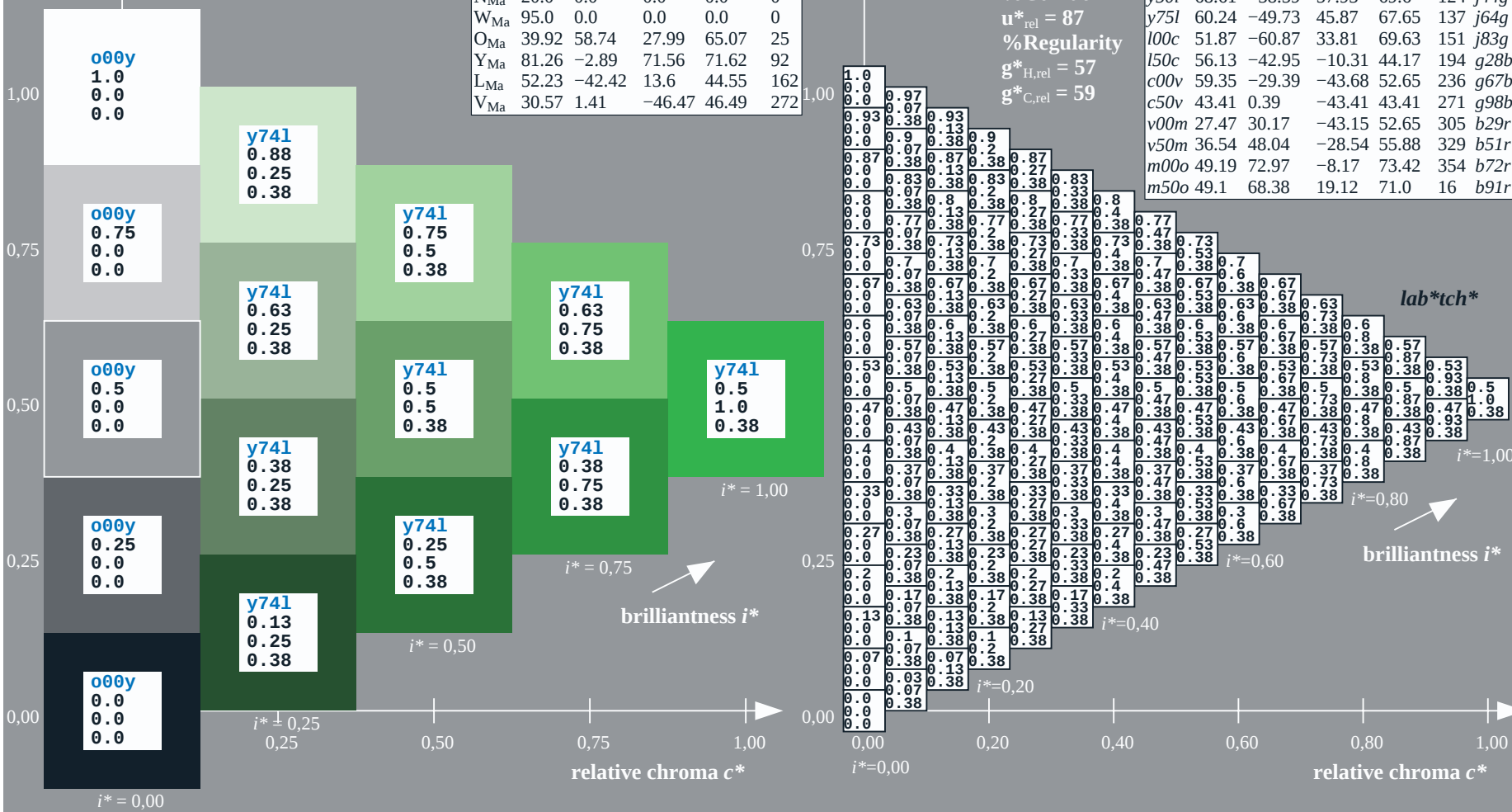
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

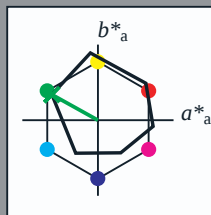
Hue texts:

$u^*_d = 100c$ $u^*_e = j83g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -61 34

$LAB^*LCH^*_{Ma}$: 52 70 150

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

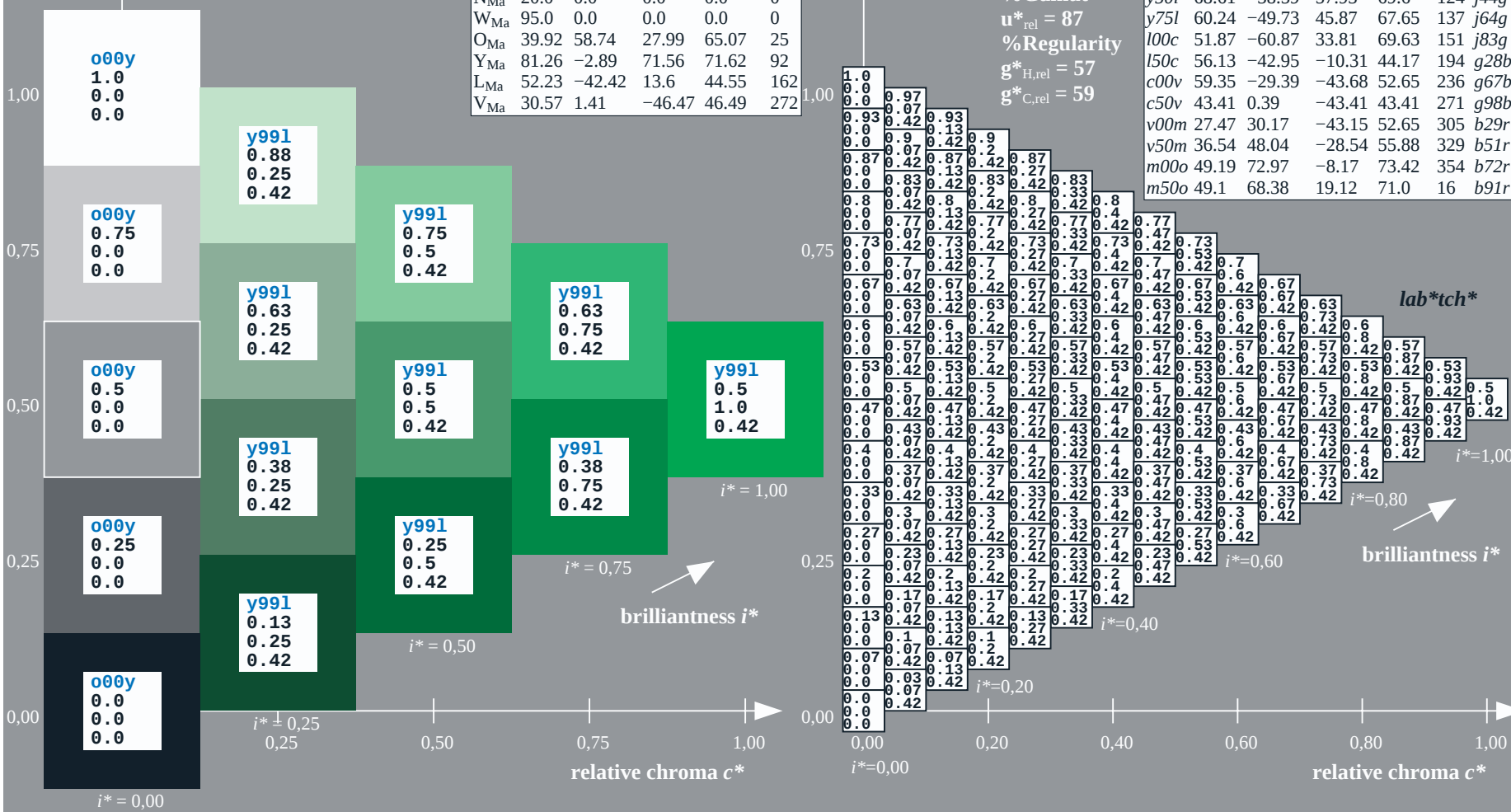
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

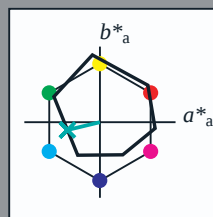
$u^*_d = 100c$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = 150c$ $u^*_e = g28b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 -10

$LAB^*LCH^*_{Ma}$: 56 44 193

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57

triangle lightness t^*

% Gamut

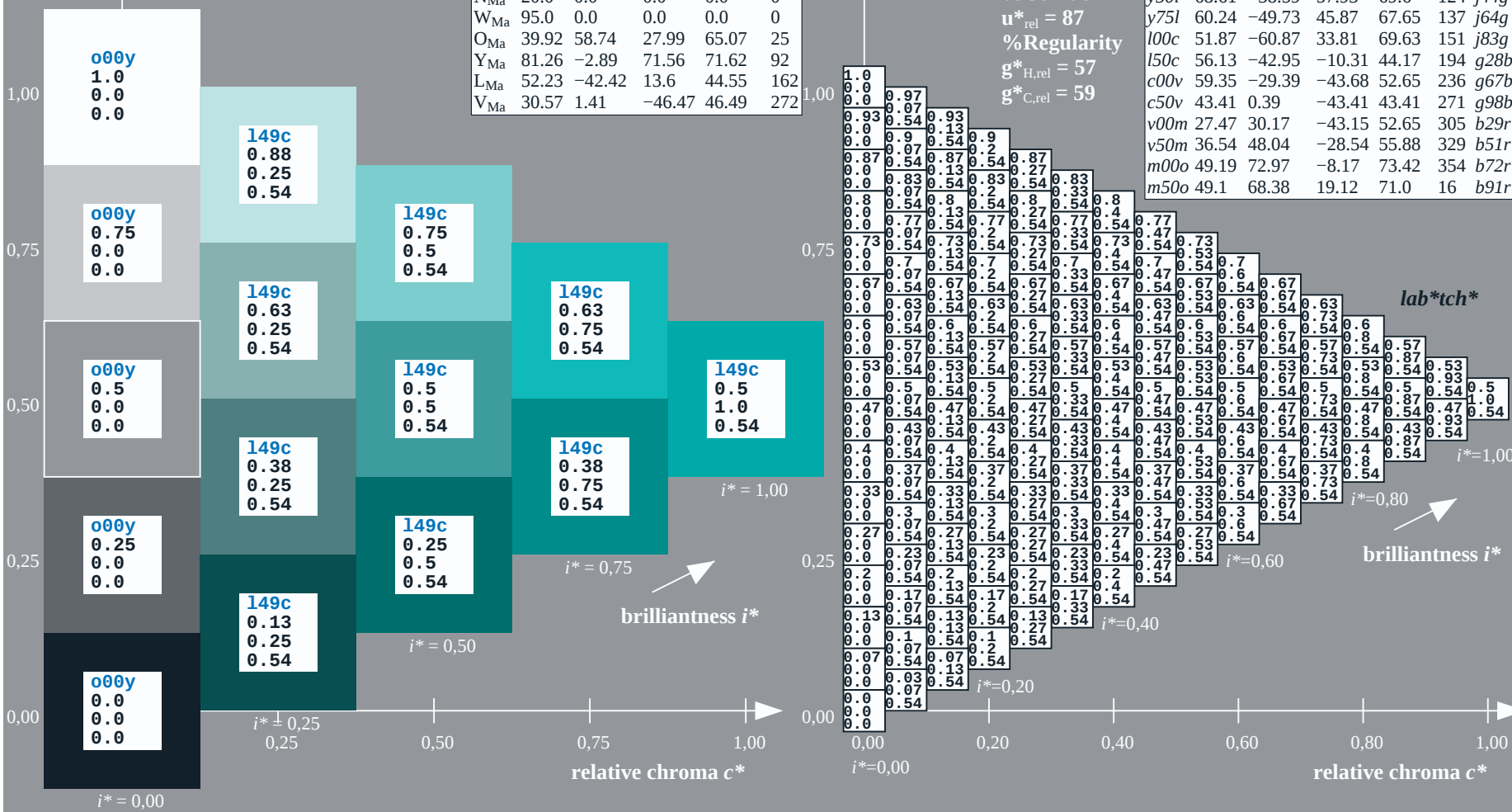
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

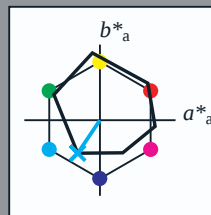
Hue texts:

$u^*_d = c00v$ $u^*_e = g67b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -29 -44

$LAB^*LCH^*_{Ma}$: 59 53 236

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

$lab^*rgb^*_{Ma}$: 0.0 0.65 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

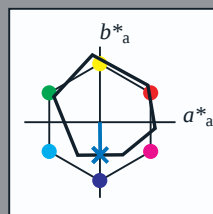
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c50v$ $u^*_e = g98b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 0 -43

$LAB^*LCH^*_{Ma}$: 43 43 270

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

$lab^*rgb^*_{Ma}$: 0.0 0.02 1.0

triangle lightness t^*

% Gamut

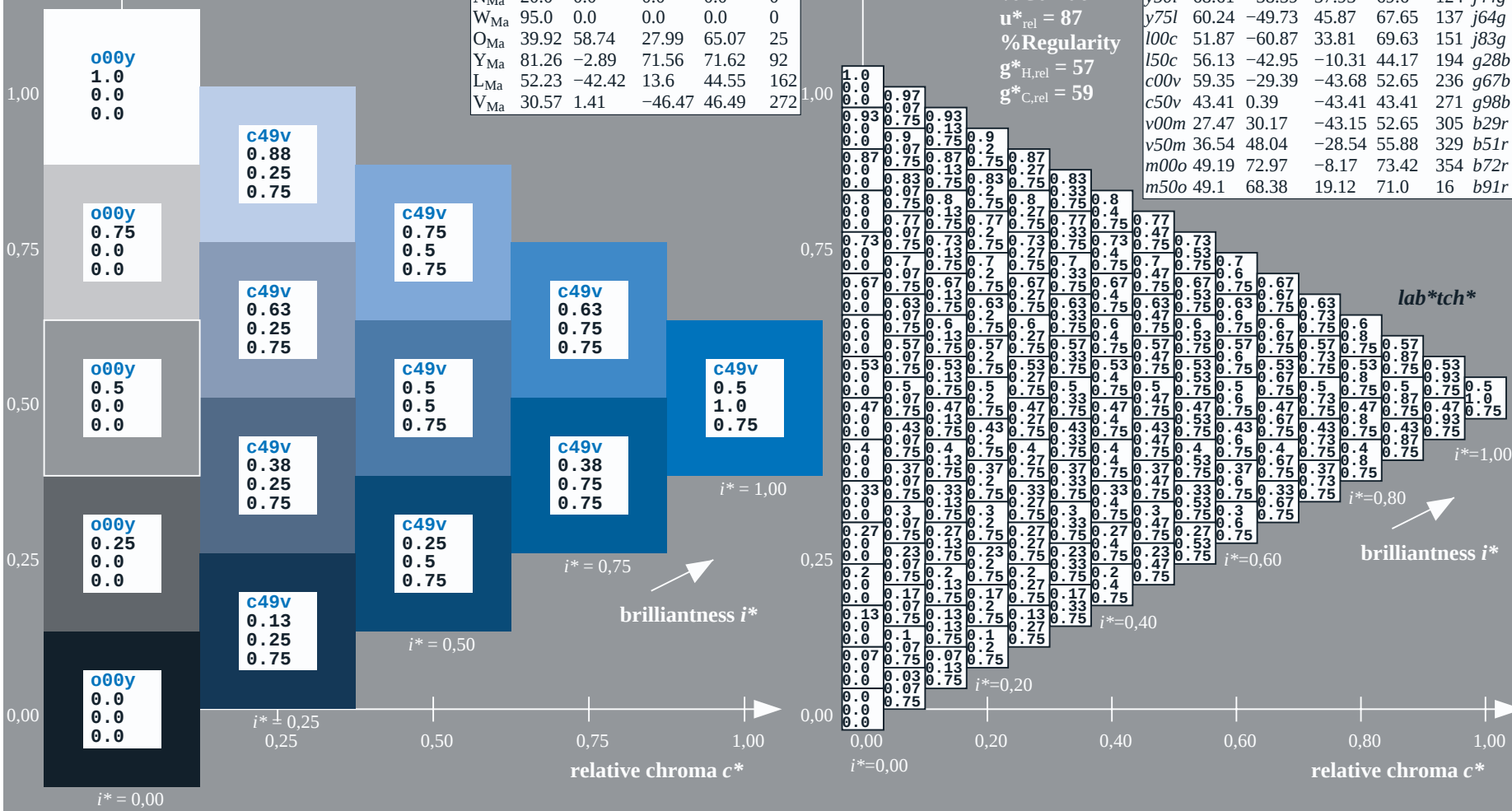
$u^*_{rel} = 87$

% Regularity

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

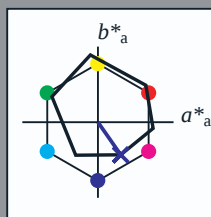
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b29r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 27 30 -43

$LAB^*LCH^*_{Ma}$: 27 53 304

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

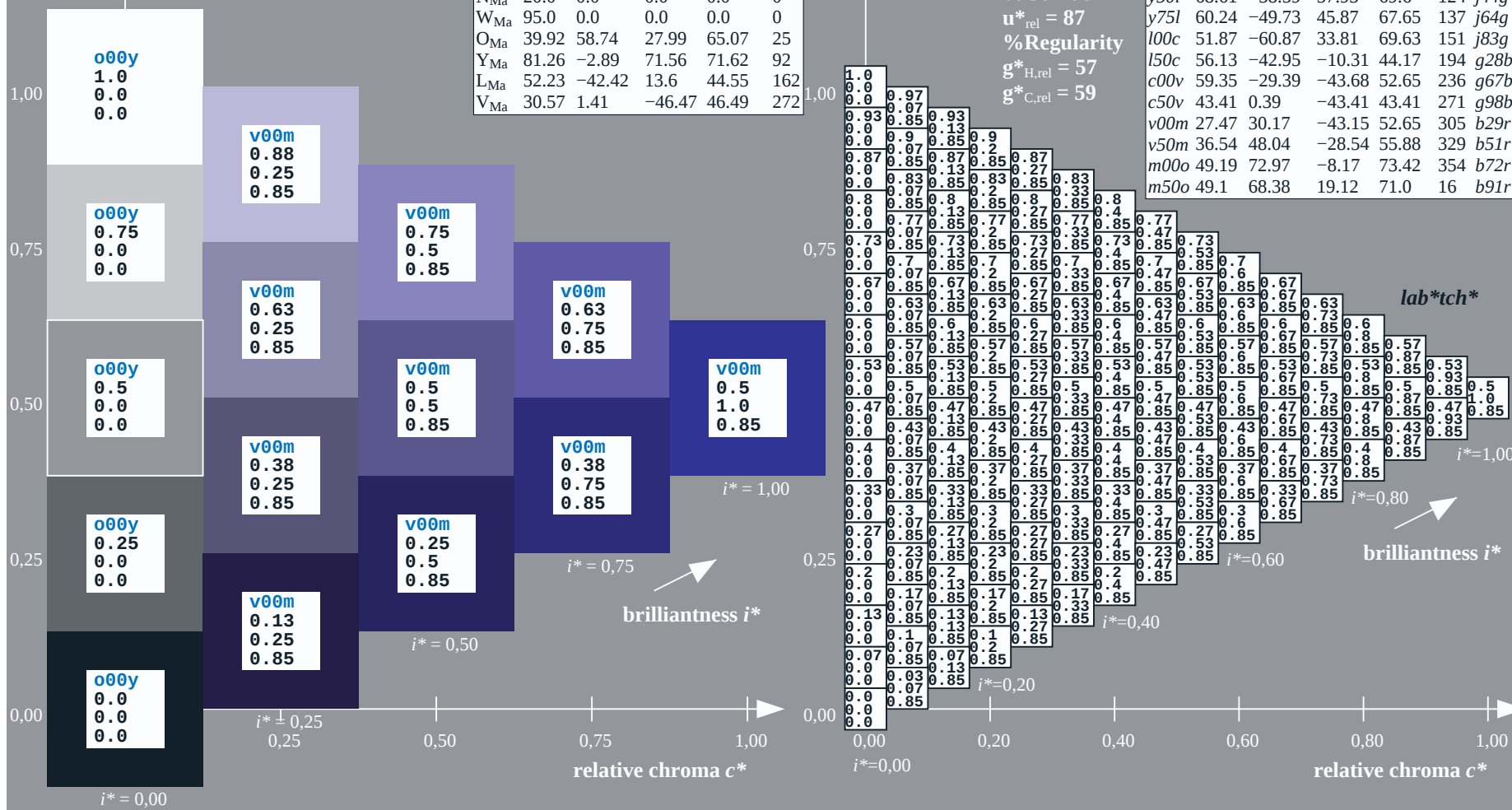
% Regularity

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

$g^*_{C,rel} = 59$

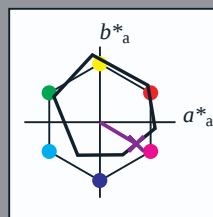
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = v00m$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v50m$ $u^*_e = b51r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 48 -29

$LAB^*LCH^*_{Ma}$: 37 56 329

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

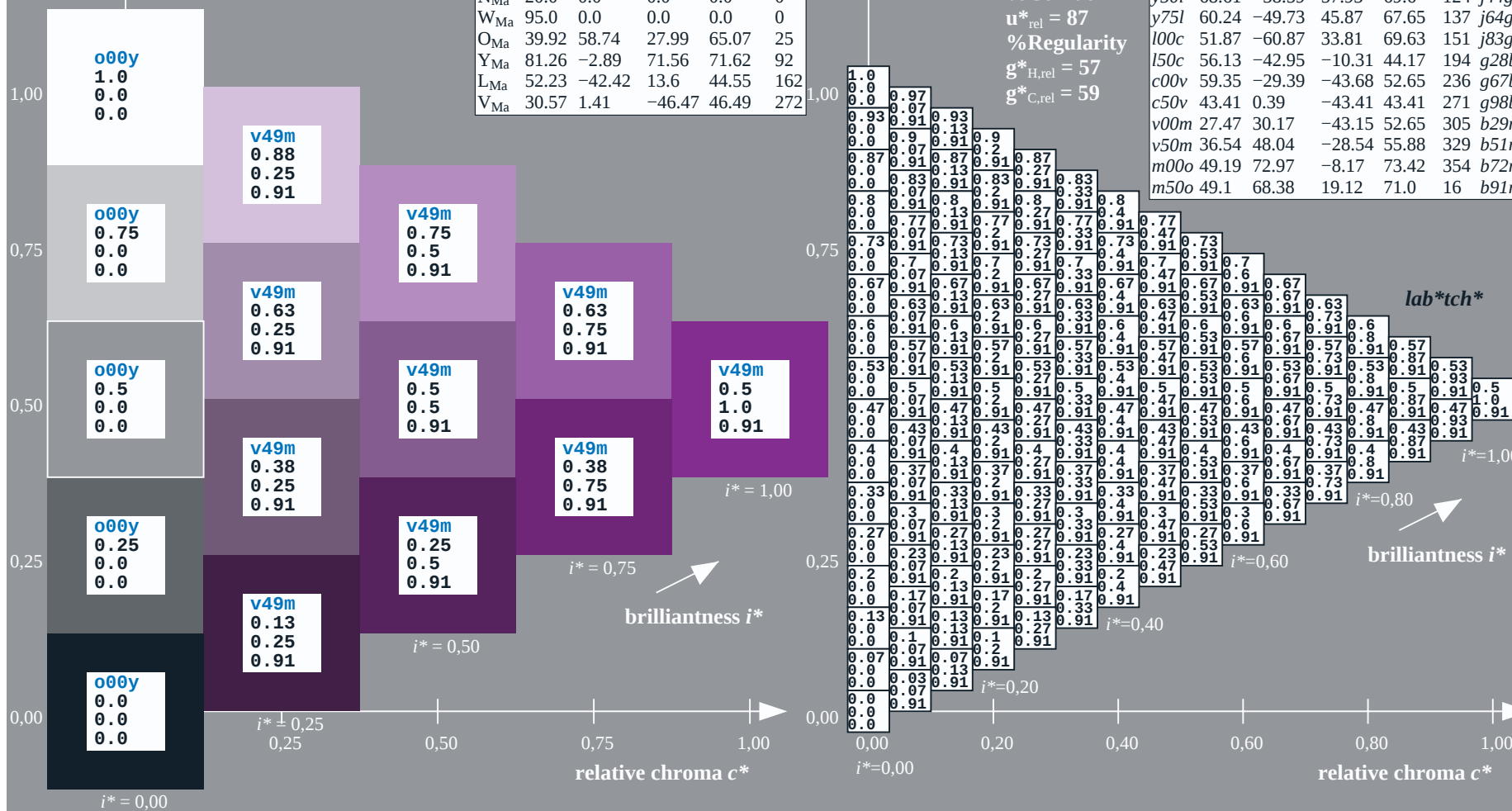
% Regularity

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

$g^*_{C,rel} = 59$

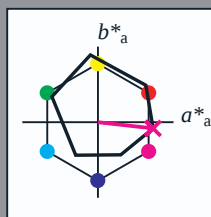
ORS20_95aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m00o$ $u^*_e = b72r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 73 -8

$LAB^*LCH^*_{Ma}$: 49 73 353

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.56

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

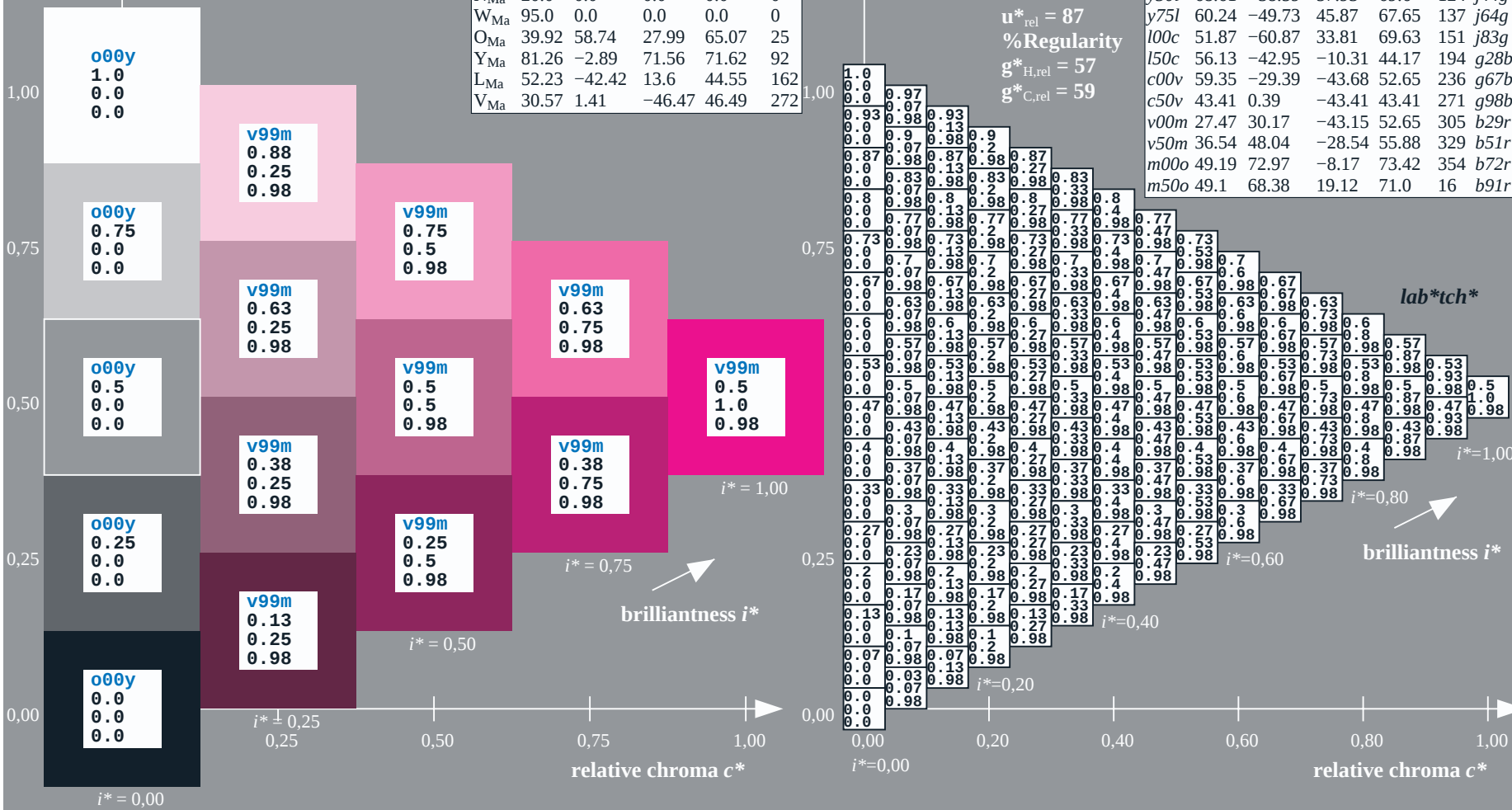
% Regularity

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

$g^*_{C,rel} = 59$

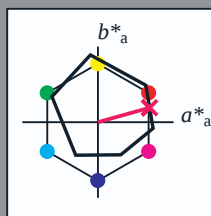
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = m00o$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m50o$ $u^*_e = b91r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 68 19

$LAB^*LCH^*_{Ma}$: 49 71 15

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.17

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

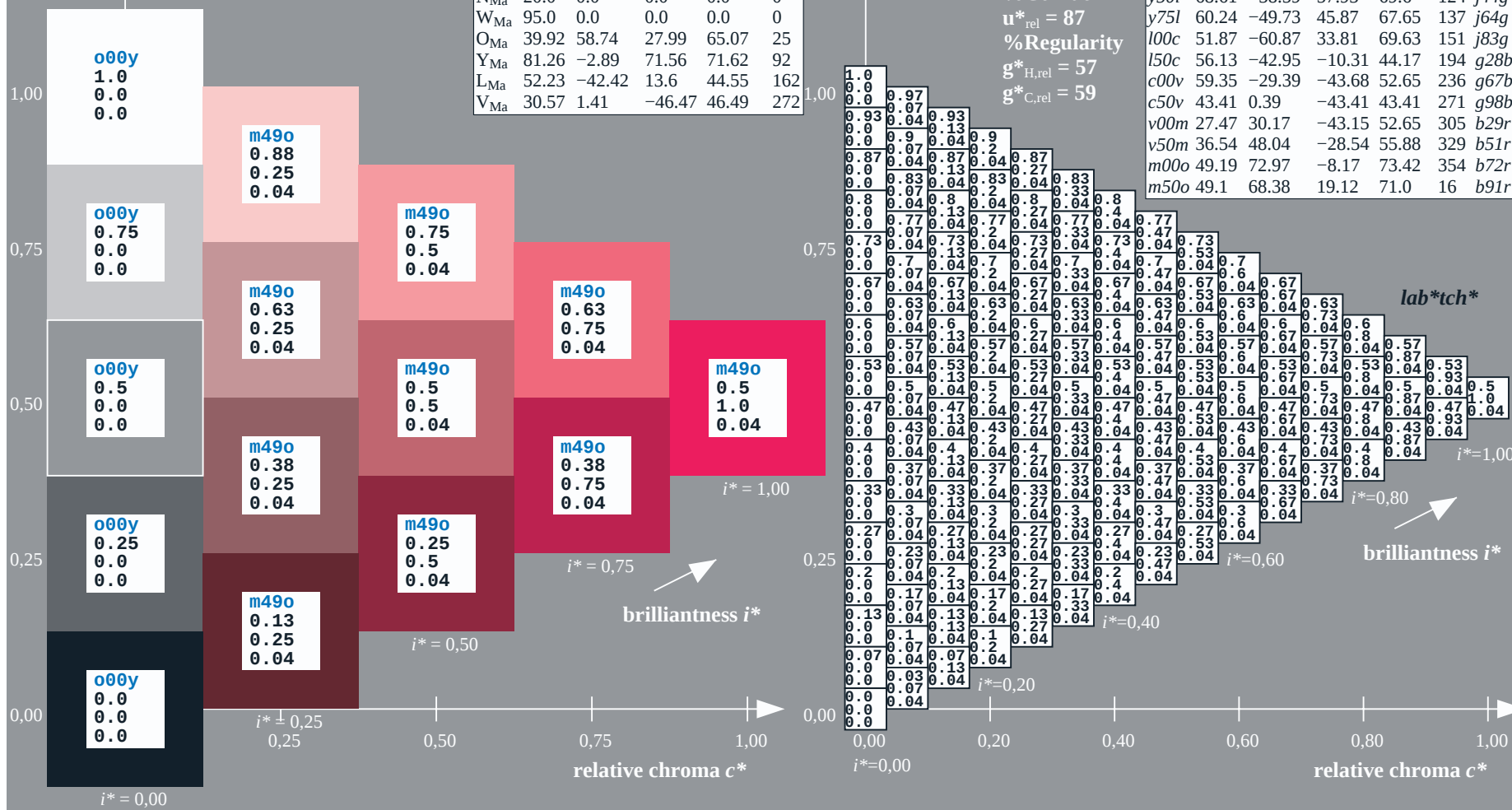
% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



See for similar files: <http://www.ps.bam.de/Ee65/>; www.ps.bam.de/Ee.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=1

BAM registration: 20081001-Ee65/10L/L65E00FP.PS/.PDF BAM material: code=rha4ta
- application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*tch*			
01	0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.0	0.0	0.0		
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	
	0.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.1	0.27	0.34	0.37	0.38	0.39	0.39	0.4	0.4	0.25	0.19	0.25	0.32	0.34	0.36	0.37	0.38	0.38	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
02	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.13	0.13	0.13	0.13	
	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	
	0.85	0.66	0.54	0.5	0.48	0.47	0.46	0.45	0.45	0.98	0.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.04	0.1	0.27	0.34	0.37	0.38	0.39	0.39	0.4	0.66	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
03	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.25	0.25	0.25	0.25	
	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.0	0.0	0.0	0.0	
	0.85	0.75	0.66	0.58	0.54	0.51	0.5	0.49	0.48	0.91	0.85	0.66	0.54	0.5	0.48	0.47	0.46	0.45	0.45	0.98	0.0	0.42	0.42	0.42	0.42	0.42	0.42	0.66	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
04	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.63	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.38	0.38	0.38		
	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.0				
	0.85	0.78	0.72	0.66	0.6	0.56	0.54	0.52	0.51	0.89	0.85	0.75	0.66	0.58	0.54	0.51	0.5	0.49	0.49	0.91	0.85	0.66	0.54	0.5	0.48	0.47	0.46	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
05	0.25	0.25	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.25	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.63	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.5	0.5	0.5	0.5	
	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0		
	0.06	0.1	0.19	0.27	0.32	0.34	0.36	0.37	0.38	0.37	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.5	0.56	0.63	0.69	0.75	0.81	0.85	0.88	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.0	0.0	0.0	0.0	0.0	
06	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.31	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.31	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.56	0.63	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.63	0.63	0.63
	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.0	0.0	0.0	0.0	
	0.85	0.81	0.77	0.73	0.69	0.66	0.62	0.59	0.57	0.87	0.85	0.8	0.75	0.7	0.66	0.61	0.58	0.55	0.5	0.88	0.85	0.8	0.78	0.72	0.66	0.6	0.56	0.54	0.5	0.48	0.47	0.46	0.45	0.44	0.43	0.42	0.41	0.4	0.0	0.0	0.0
07	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.38	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.63	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	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	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	
	0.85	0.82	0.78	0.75	0.72	0.69	0.66	0.62	0.6	0.87	0.85	0.81	0.77	0.73	0.69	0.66	0.62	0.59	0.89	0.87	0.85	0.8	0.75	0.7	0.66	0.61	0.58	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
08	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.44	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	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	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.88	0.75	0.63	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	
	0.85	0.82	0.78	0.77	0.74	0.71	0.68	0.66	0.63	0.87	0.85	0.82	0.78	0.75	0.72	0.69	0.66	0.62	0.89	0.87	0.85	0.81	0.77	0.73	0.69	0.66	0.62	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
09	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.88	0.78	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0
	0.85	0.82	0.8	0.78	0.75	0.73	0.7	0.68	0.66	0.86	0.85	0.82	0.79	0.77	0.74	0.71	0.68	0.66	0.88	0.87	0.85	0.82	0.78	0.75	0.72	0.69	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
10	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.63	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.0	0.0	0.0	
	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	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	
	0.1	0.16	0.21	0.27	0.31	0.33	0.34	0.35	0.36	0.1	0.15	0.19	0.23	0.27	0.3	0.32	0.33	0.34	0.1	0.14	0.17	0.2	0.24	0.27	0.29	0.31	0.32	0.0	0.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	
11	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.19	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	0.38	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	0.06	0.1	0.19	0.27	0.32	0.34	0.36	0.37	0.38	0.37	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.5	0.56	0.63	0.69	0.75	0.81	0.85	0.88	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.0	0.0	0.0	0.0	0.0	
12	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.63	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.63	0.31	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44													

Input and output:

Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

device hue text:

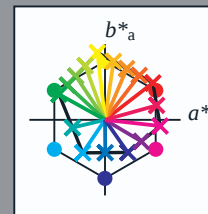
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$



%Gamut

$u^*_{rel} = 87$

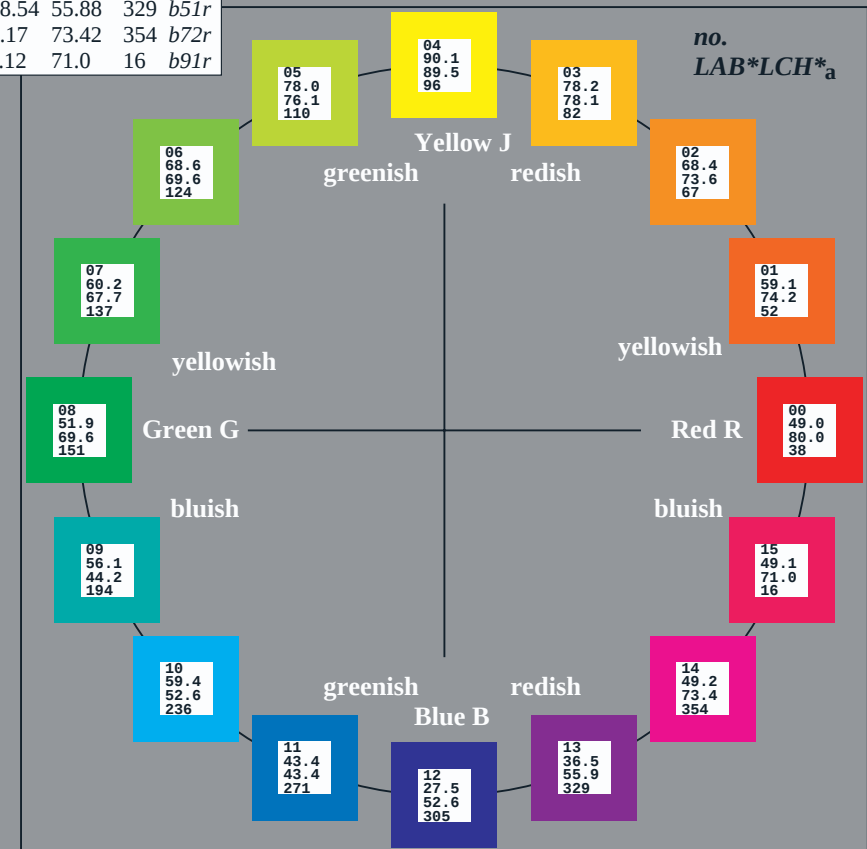
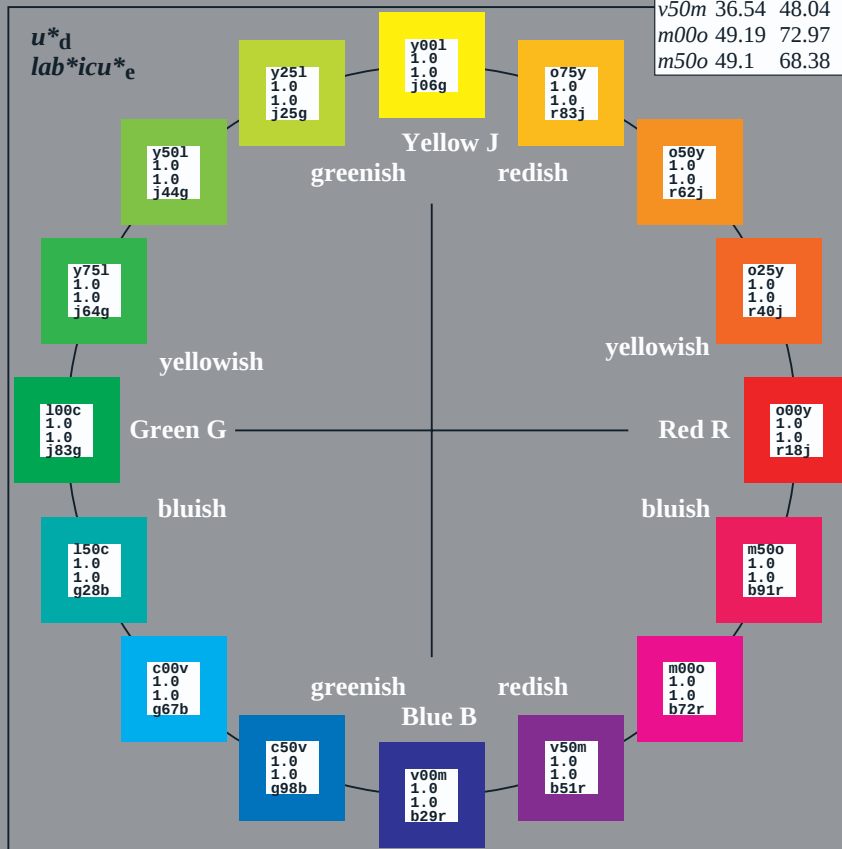
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	-9.95	88.92	89.48	96
L_{Ma}	51.87	-60.87	33.81	69.63	151
C_{Ma}	59.35	-29.39	-43.68	52.65	236
V_{Ma}	27.47	30.17	-43.15	52.65	305
M_{Ma}	49.19	72.97	-8.17	73.42	354
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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

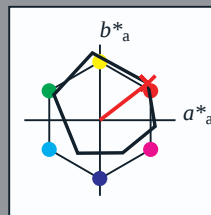
Hue texts:

$u^*_d = o00y$ $u^*_e = r18j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 49

$LAB^*LCH^*_{Ma}$: 49 80 37

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

$lab^*rgb^*_{Ma}$: 1.0 0.18 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$

$lab^*icu^*_e$

$i^*=1.00$

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$
data for any colour:
 lab^*tch^* and lab^*icu^*

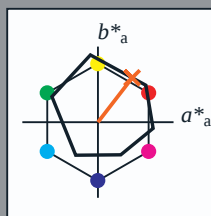
Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 59

$LAB^*LCH^*_{Ma}$: 59 74 52

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

$lab^*rgb^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

% Gamut

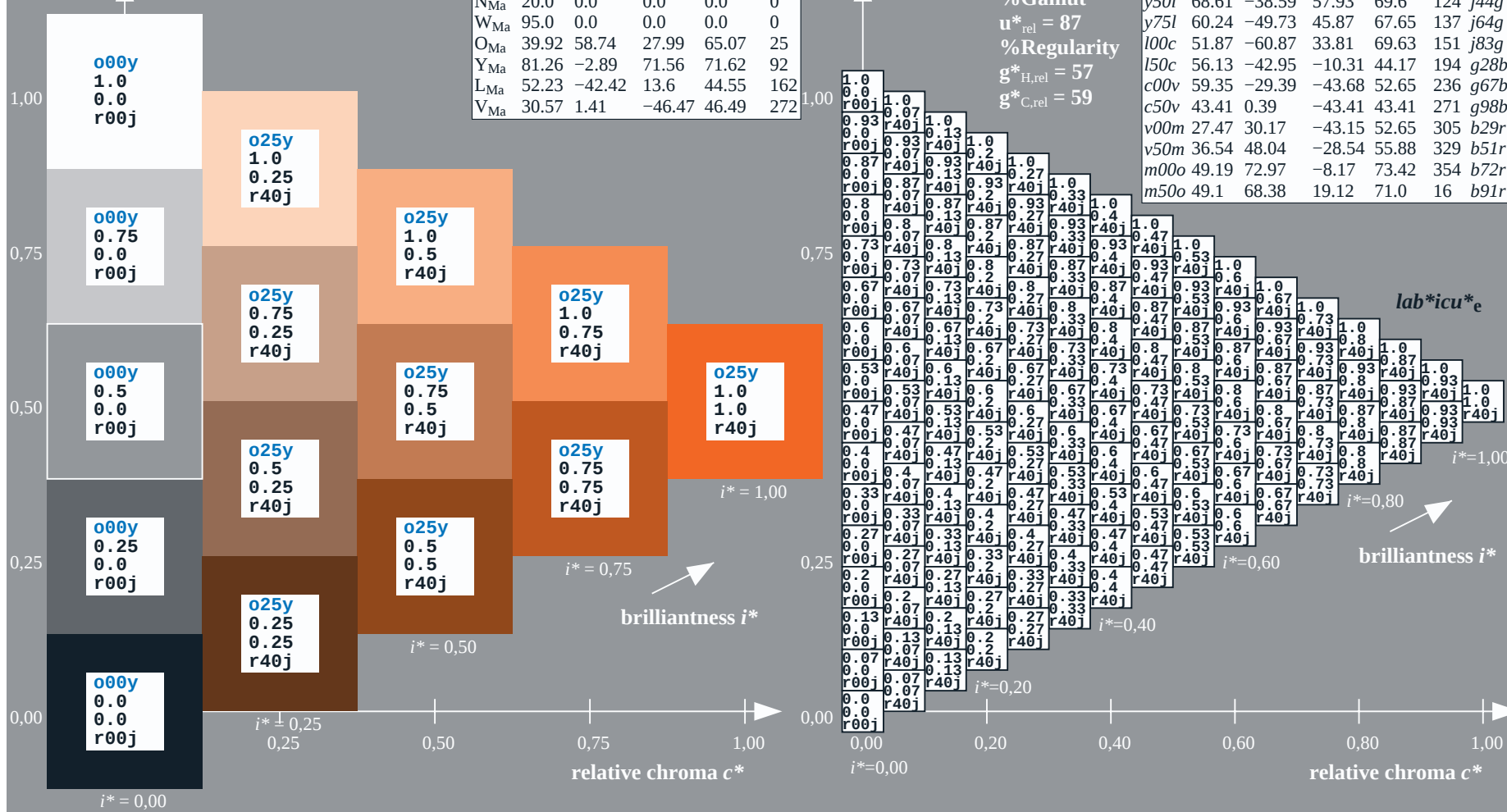
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

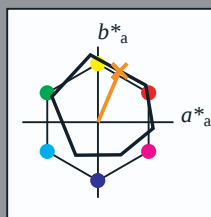
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o50y$ $u^*_e = r62j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 68

$LAB^*LCH^*_{Ma}$: 68 74 67

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

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

triangle lightness t^*

% Gamut

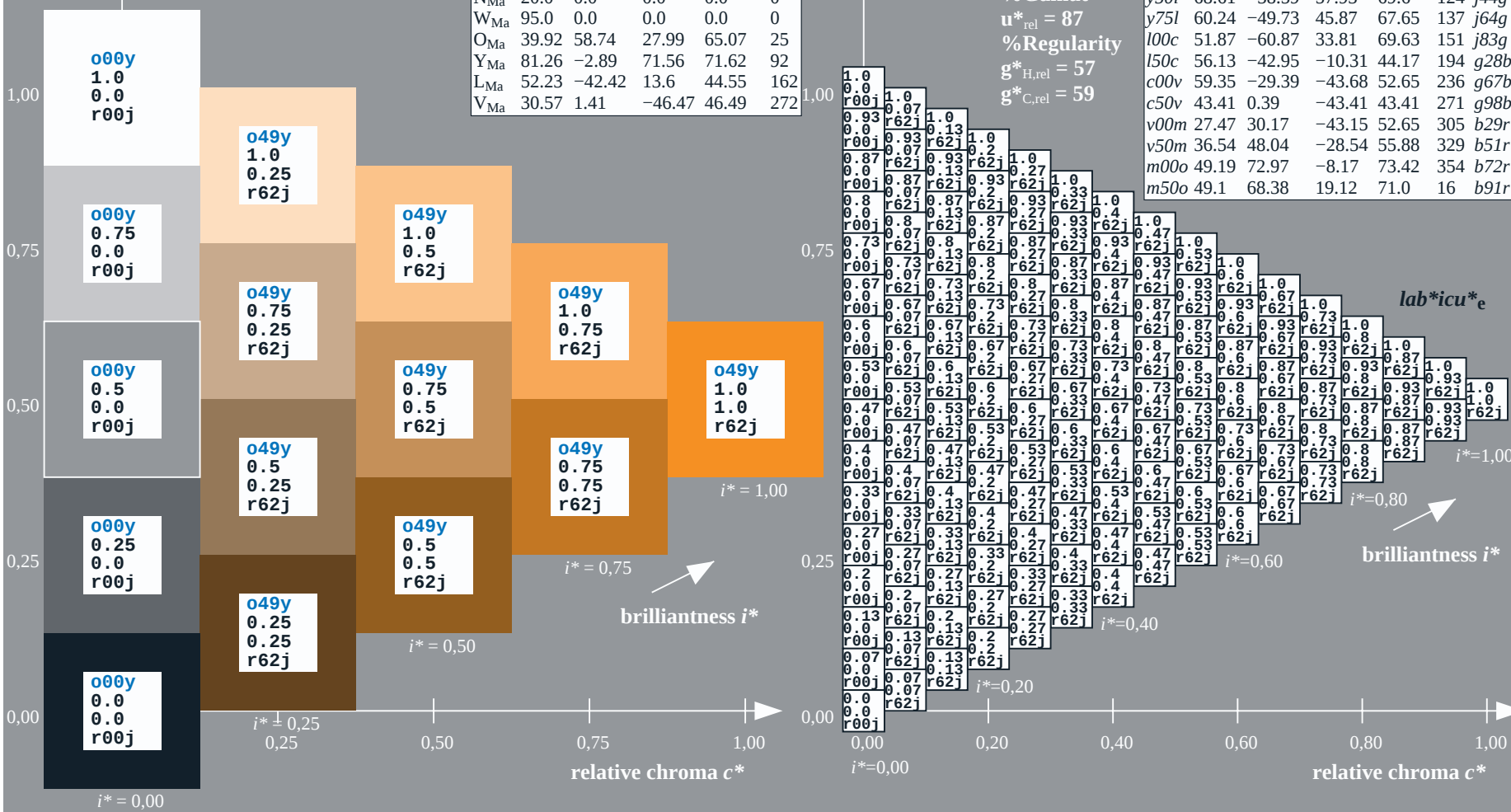
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

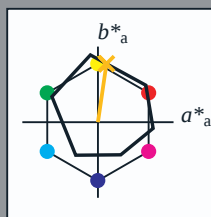
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o75y$ $u^*_e = r83j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 11 77

$LAB^*LCH^*_{Ma}$: 78 78 81

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

$lab^*rgb^*_{Ma}$: 1.0 0.84 0.0

triangle lightness t^*

%Gamut

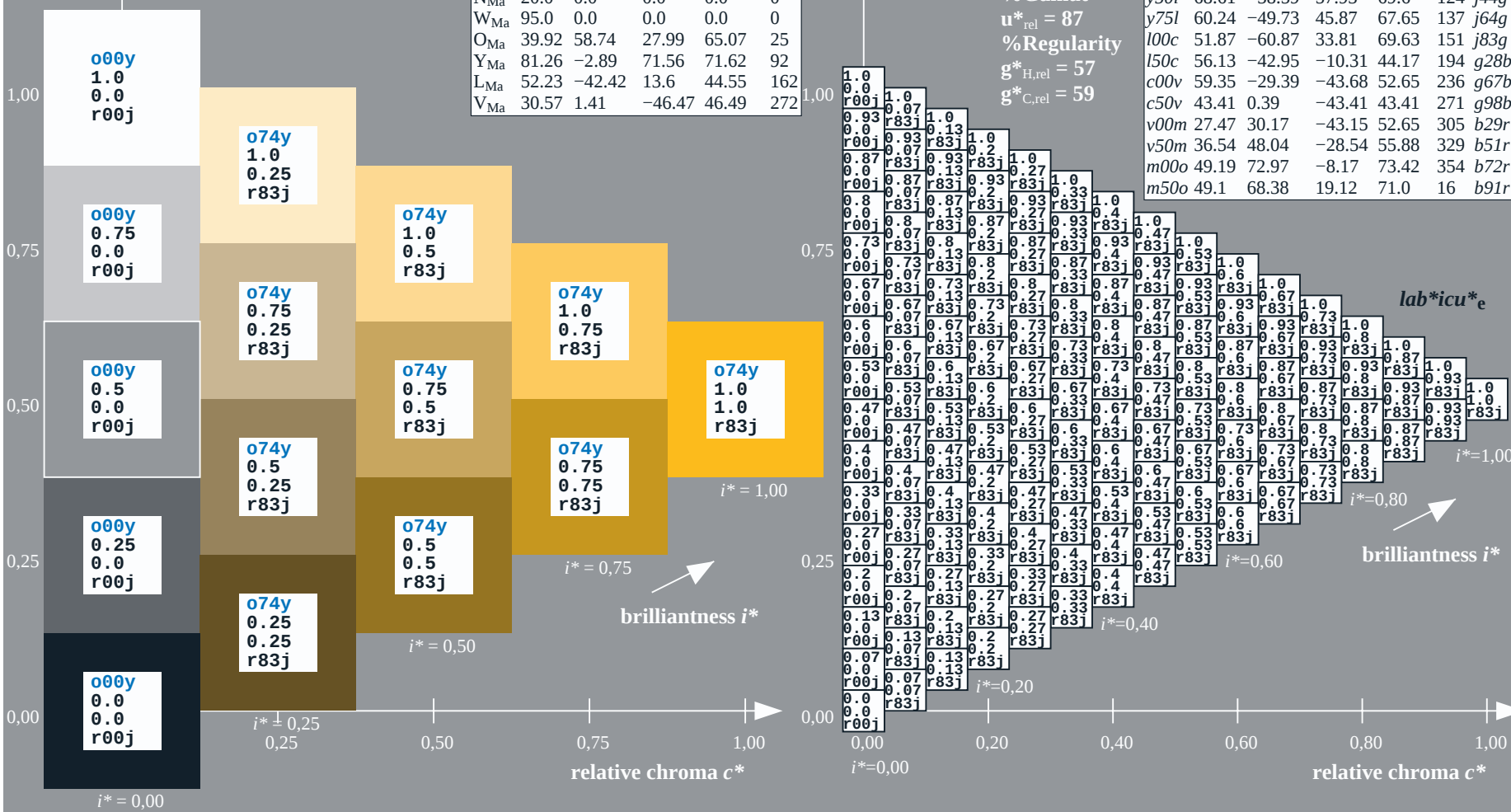
$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

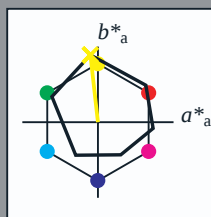
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 90 -10 89

$LAB^*LCH^*_{Ma}$: 90 89 96

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$lab^*icu^*_e$

$i^* = 1.00$

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

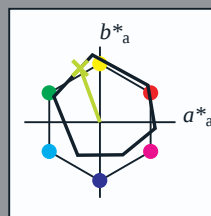
Hue texts:

$u^*_d = y25l$ $u^*_e = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 78 -26 71

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

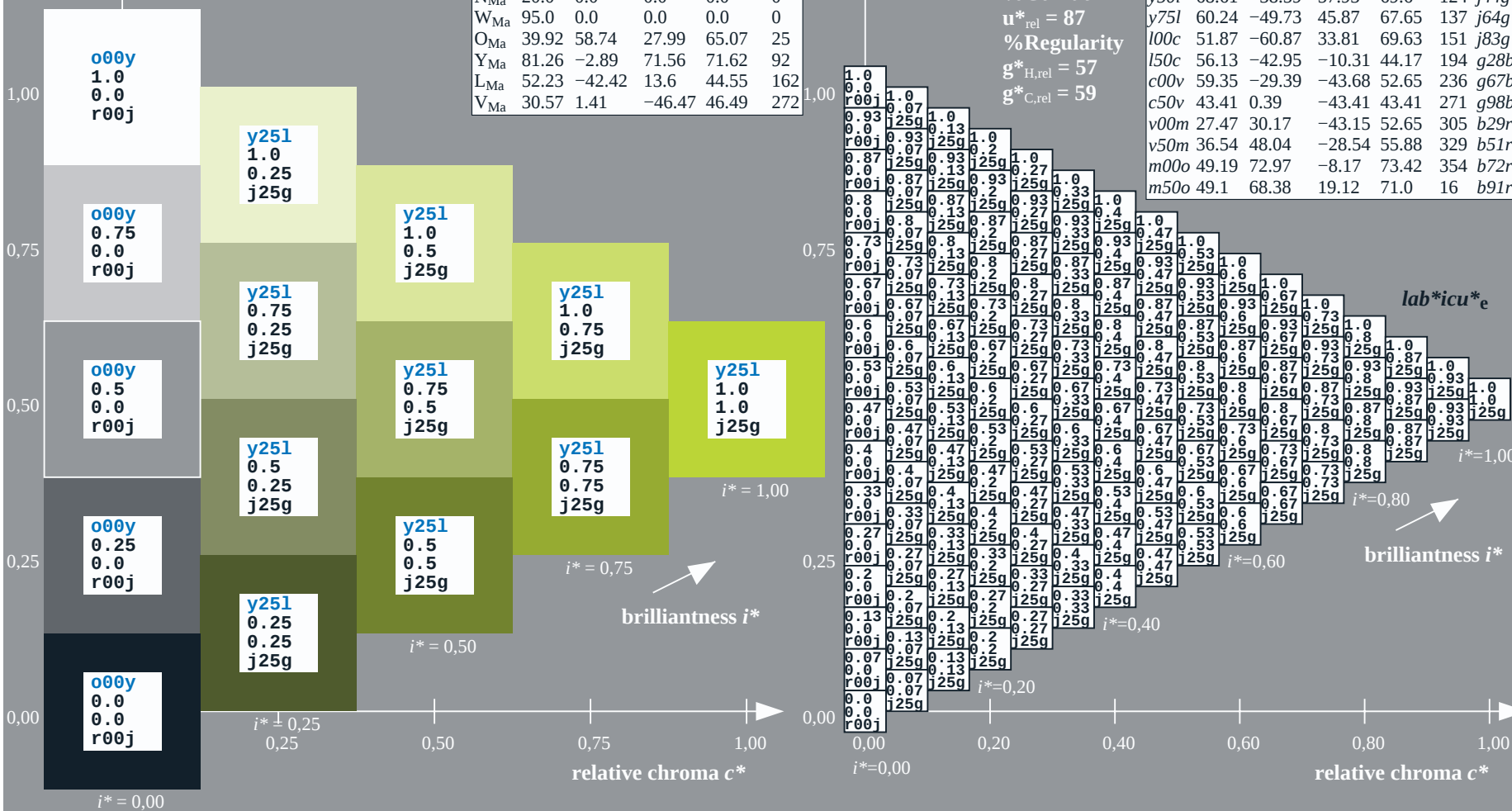
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:

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

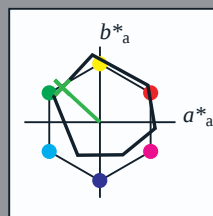
Hue texts:

$u^*_d = y75l$ $u^*_e = j64g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 60 -50 46

$LAB^*LCH^*_{Ma}$: 60 68 137

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

$lab^*rgb^*_{Ma}$: 0.36 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$lab^*icu^*_e$

$i^* = 1.00$

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

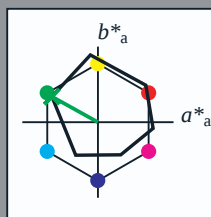
Hue texts:

$u^*_d = 100c$ $u^*_e = j83g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -61 34

$LAB^*LCH^*_{Ma}$: 52 70 150

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

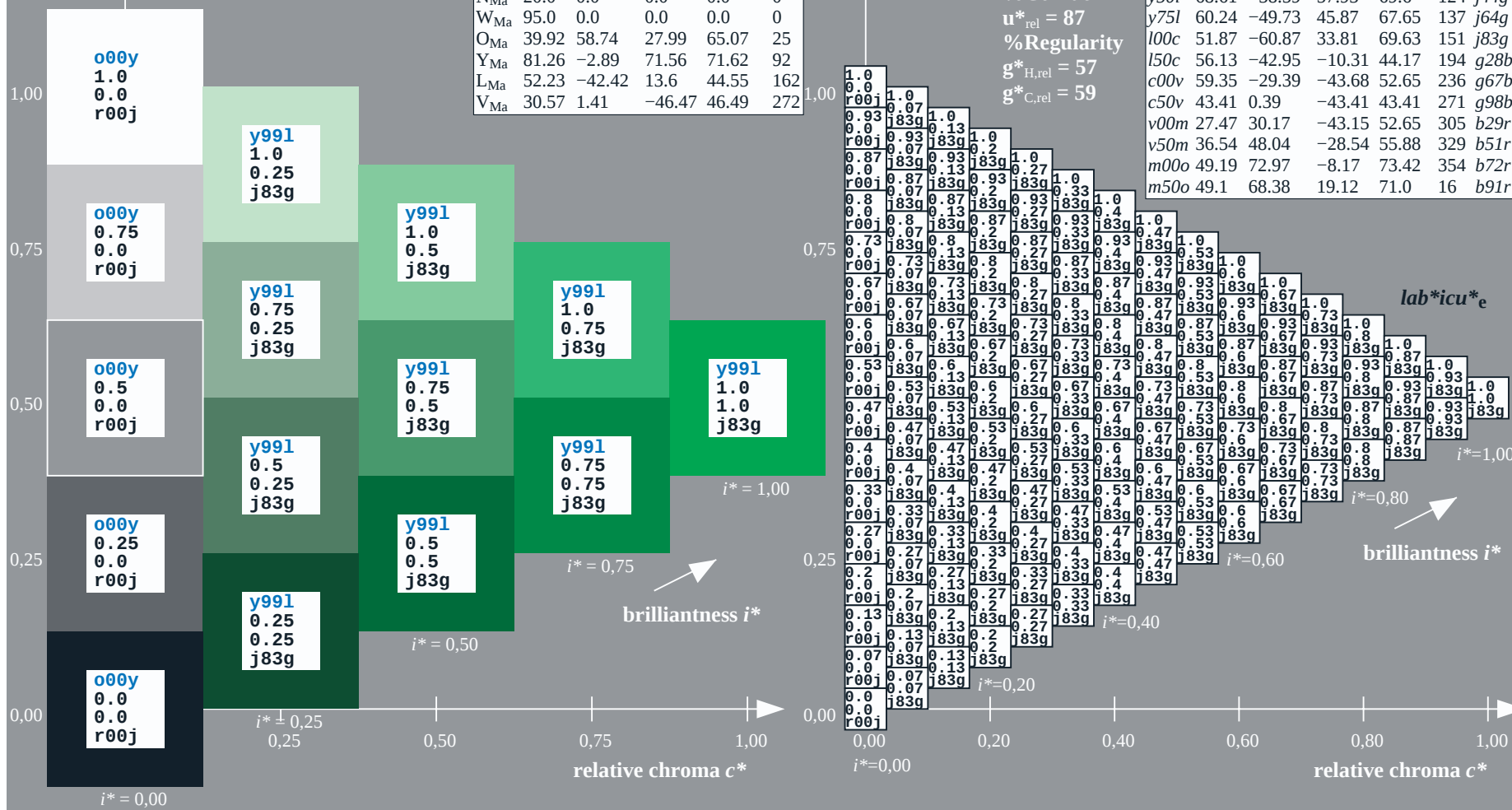
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = 100c$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$
data for any colour: Data for maximum colour (Ma):

$$u^*_d = l50c$$

$$lab^*icu^*e$$

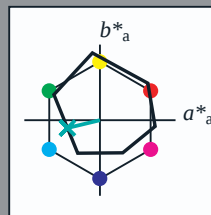
*lab*tch** and *lab*icu**

Hue texts:

Hue texts:

$$u^*_d = 150c \quad u^*_p = q28b$$

contrast reduction factor:

$$c_D = 0.97$$
triangle lightness t^* 

ORS20_95aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB*LAB* ϵ : 56 -43 -10

LAD*LGII* 56 44 102

LAB*LCH*Ma: 56 44 1

*lab*olv**Ma: 0.0 1.0 0.5

*lab*rqb**Ma: 0.0 1.0 0.57

triangle lightness t^*

triangle rightness 1

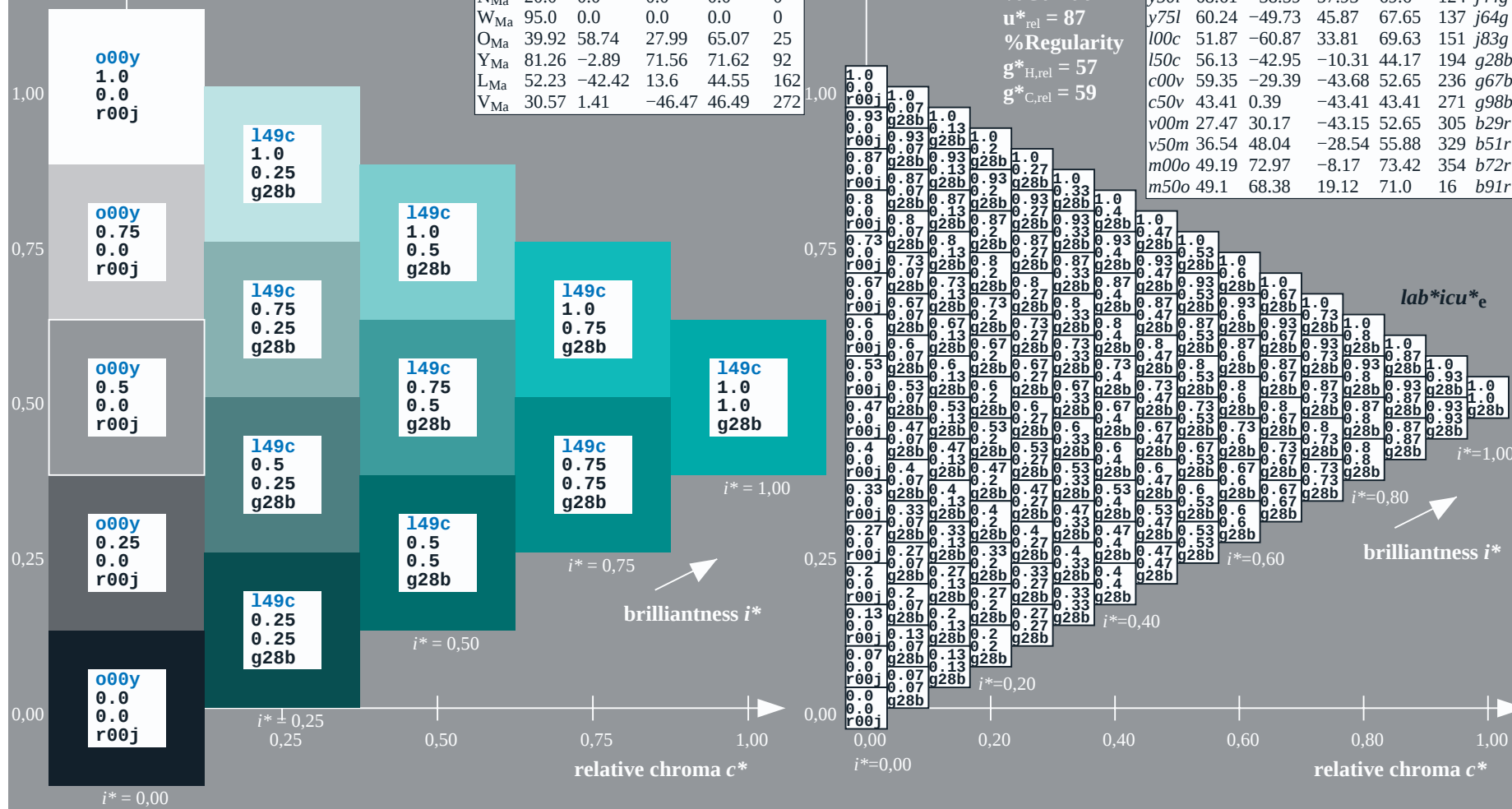
%Gamut

$$u_{rel}^* = 87$$

%Regularity

$$g^*_{H_{rel}} = 57$$
$$g^*_{C,rel} = 59$$

ORS20_95aM; adapted (a) CIELAB data							
u_d^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_e^*	
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18i</i>	
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>	
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>	
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>	
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>	
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>	
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>	
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>	
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>	
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>	
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>	
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>	
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>	
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>	
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>	
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>	



BAM-test chart Ee65; Colorimetric systems, Page 137/198
D65: colour scales and 9 data tables for 16 hues 000y to m75o

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

BAM registration: 20081001-Ee6510/L65E00FP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

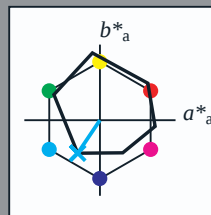
Hue texts:

$u^*_d = c00v$ $u^*_e = g67b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 -29 -44

$LAB^*LCH^*_{Ma}$: 59 53 236

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

$lab^*rgb^*_{Ma}$: 0.0 0.65 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$lab^*icu^*_e$

$i^* = 1.00$

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

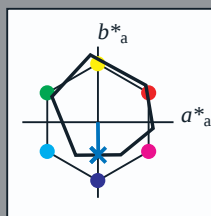
Hue texts:

$u^*_d = c50v$ $u^*_e = g98b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38
Y _{Ma}	90.12	-9.95	88.92	89.48	96
L _{Ma}	51.87	-60.87	33.81	69.63	151
C _{Ma}	59.35	-29.39	-43.68	52.65	236
V _{Ma}	27.47	30.17	-43.15	52.65	305
M _{Ma}	49.19	72.97	-8.17	73.42	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	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 0 -43

$LAB^*LCH^*_{Ma}$: 43 43 270

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

$lab^*rgb^*_{Ma}$: 0.0 0.02 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$lab^*icu^*_e$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

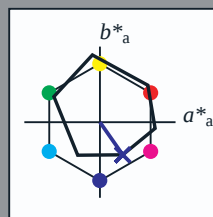
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b29r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 27 30 -43

LAB^*LCH^*Ma : 27 53 304

lab^*olv^*Ma : 0.0 0.0 1.0

lab^*rgb^*Ma : 0.58 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

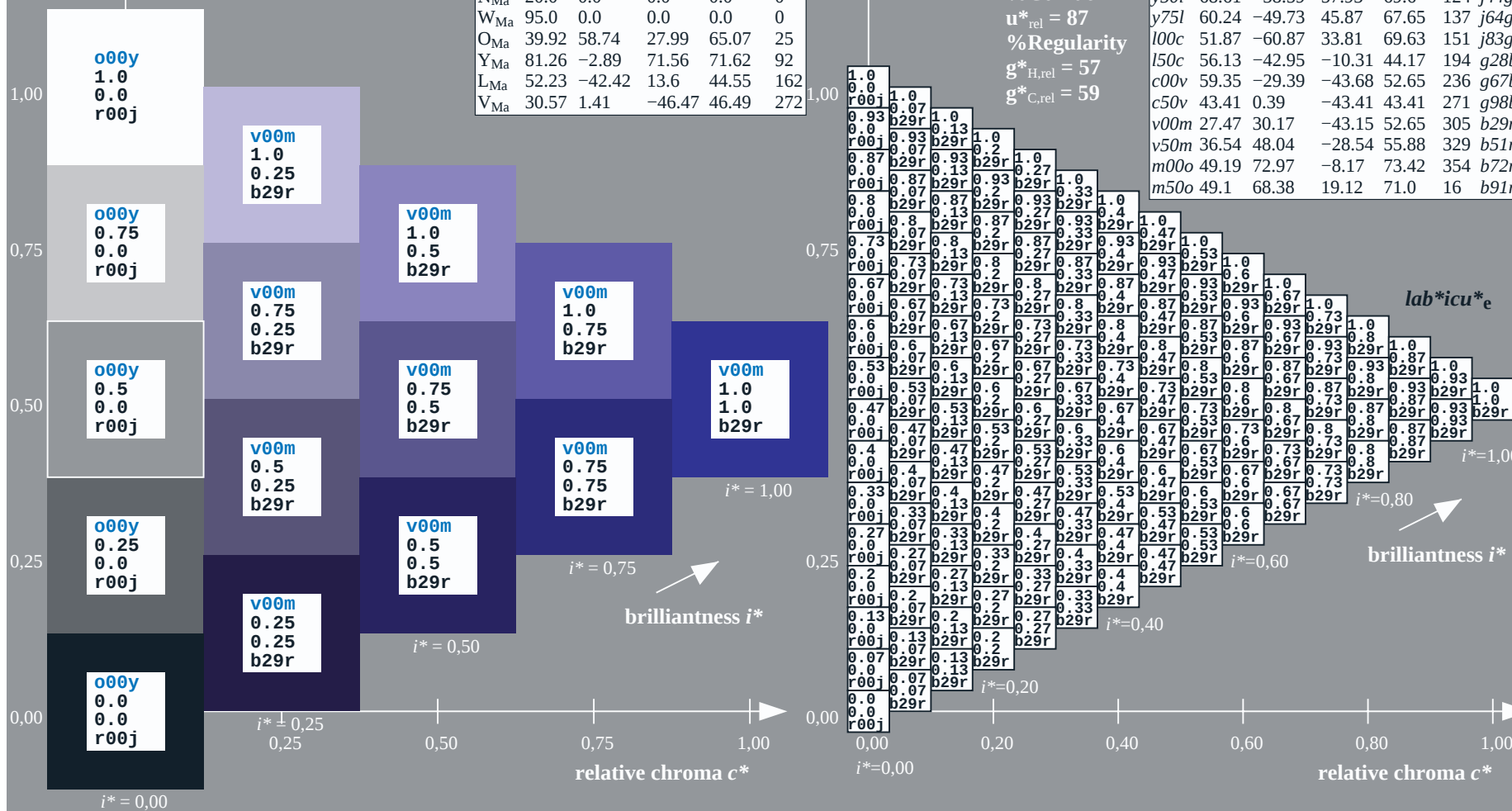
% Regularity

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

$g^*_{C,rel} = 59$

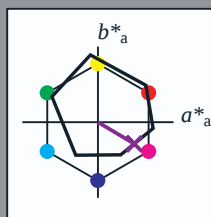
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$u^*_d = v00m$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v50m$ $u^*_e = b51r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 48 -29

$LAB^*LCH^*_{Ma}$: 37 56 329

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

$lab^*icu^*_e$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

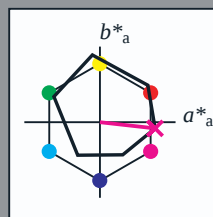
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}^*/360 = 0.982$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m00o$ $u^*_e = b72r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



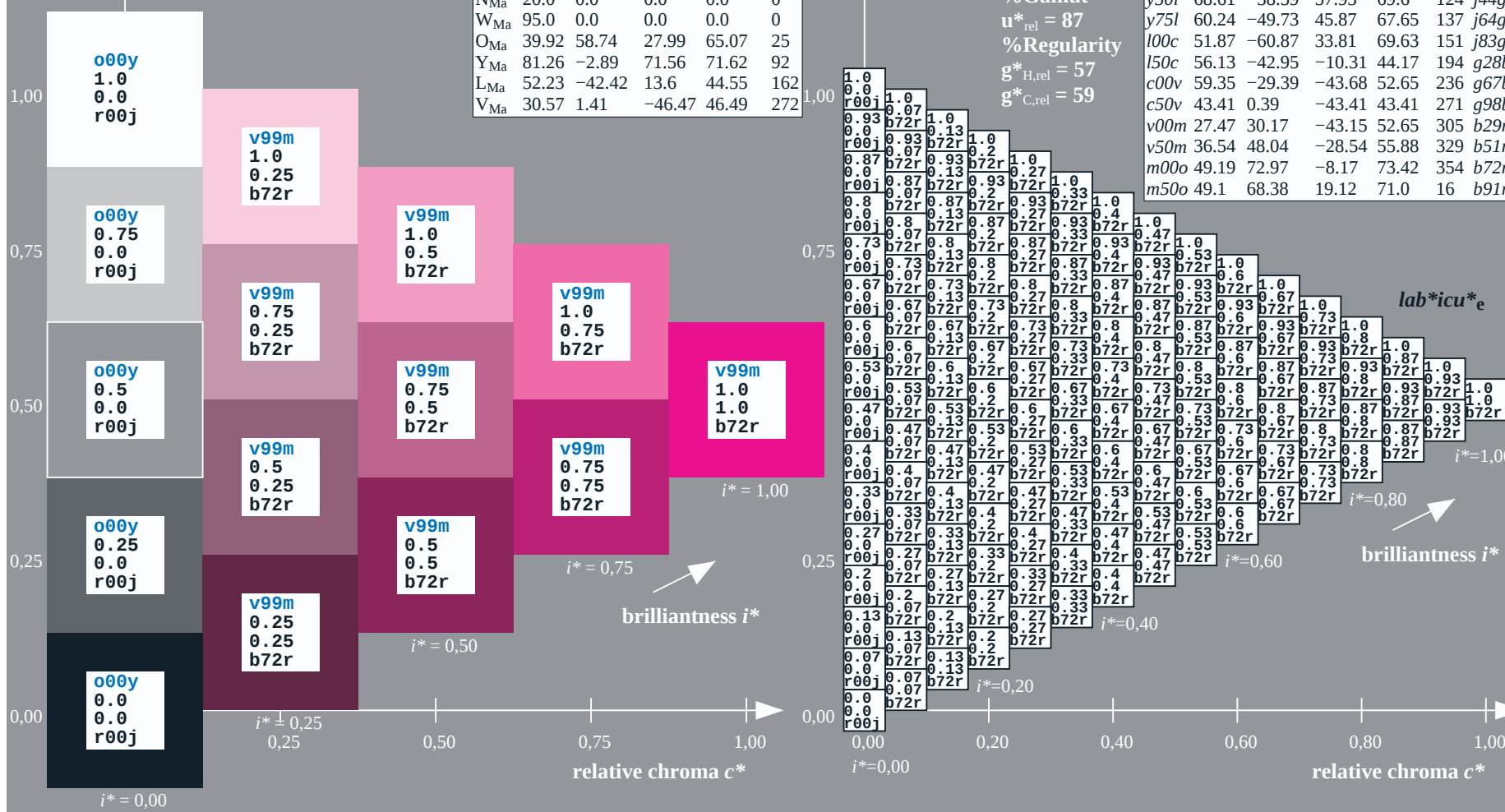
ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	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 73 -8
 $LAB^*LCH^*_{Ma}$: 49 73 353
 $lab^*olv^*_{Ma}$: 1.0 0.0 1.0
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.56
triangle lightness t^*

% Gamut
 $u^*_{rel} = 87$
% Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r



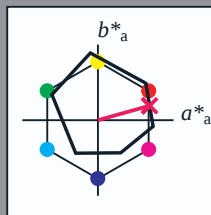
Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$
data for any colour: Data for maximum colour (Ma):

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

Hue texts:

$$u^*_d = m50o \quad u^*_e = b91r$$

contrast reduction factor:

 $c_D = 0.97$ triangle lightness t^* 

ORS20_95aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-8.17	73.42	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB*LAB*5 : 49 68 19

LAB LAB	Ma	49	66	15
LAB*LAB*		49	54	15

LAB*LCH*Ma: 49 /1 1

lab*olv*Ma: 1.0 0.0 0.5

*lab*rqb*_Ma: 1.0 0.0 0.17*

triangle lightness t^*

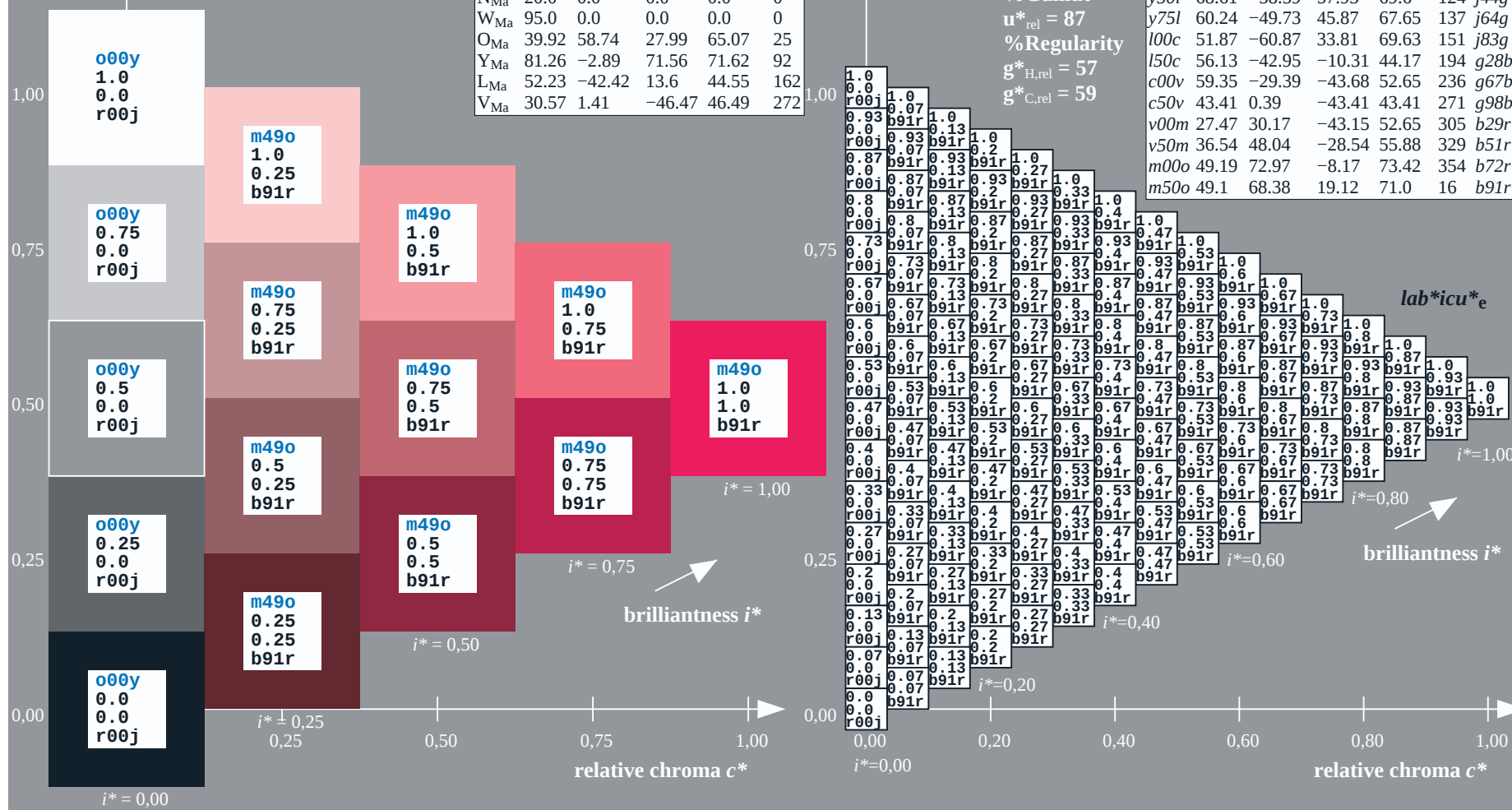
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 87$$

%Regularity

$$g^*_{H_{rel}} = 57$$
$$g^*_{C,rel} = 59$$

ORS20_95aM; adapted (a) CIELAB data							
u_d^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_e^*	
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18i</i>	
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>	
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>	
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>	
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>	
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>	
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>	
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>	
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>	
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>	
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>	
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>	
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>	
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>	
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>	
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>	



BAM-test chart Ee65; Colorimetric systems, Page 143/198
D65: colour scales and 9 data tables for 16 hues 000y to m75o

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

See for similar files: <http://www.ps.bam.de/Ee65/>; www.ps.bam.de/Ee65/
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*					
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	
0.0	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	0.0
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
0.13	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
0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	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
0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.13	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.13	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
0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.13	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.13	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
0.38	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	0.38	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
0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	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
0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	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
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	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	
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	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	
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	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	
0.63	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	0.63	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		
0.75	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	0.75	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		
0.88	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	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		
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0										

Input and output:

Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

device hue text:

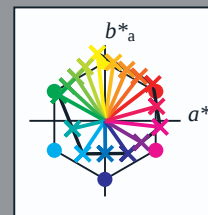
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



%Gamut

$u^*_{rel} = 87$

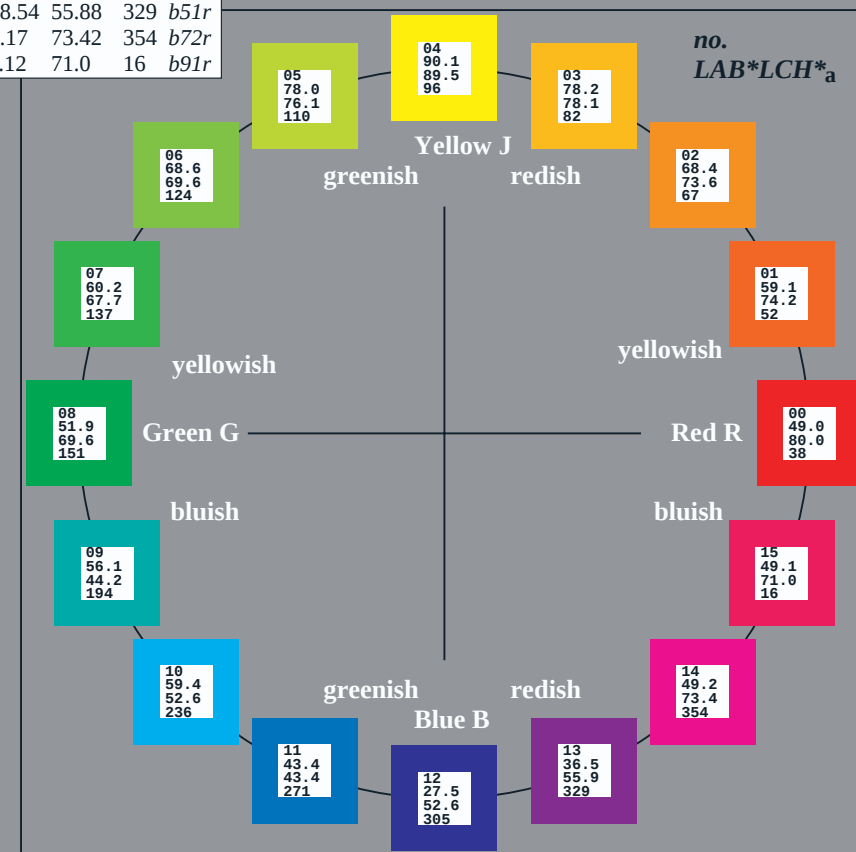
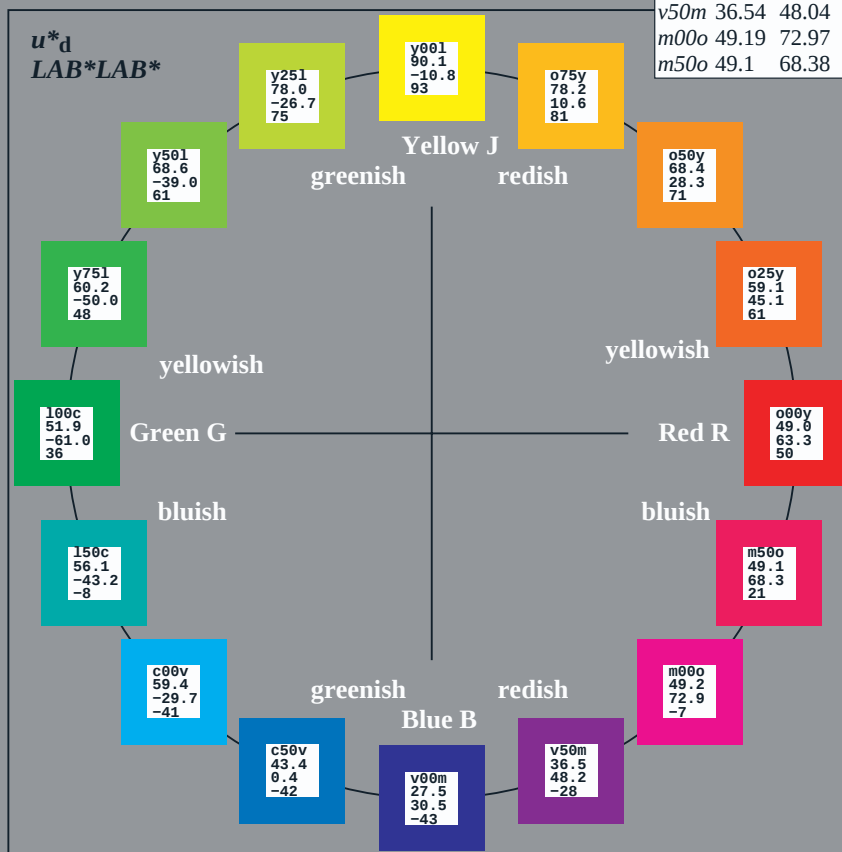
%Regularity

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

$g^*_{C,rel} = 59$

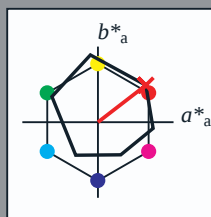
ORS20_95M; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
<i>O_M</i>	49.0	63.28	50.46	80.94	39
<i>Y_M</i>	90.12	-10.81	93.19	93.81	97
<i>L_M</i>	51.87	-61.02	35.57	70.63	150
<i>C_M</i>	59.35	-29.68	-41.42	50.96	234
<i>V_M</i>	27.47	30.47	-42.98	52.69	305
<i>M_M</i>	49.19	72.87	-6.59	73.17	355
<i>N_M</i>	20.0	0.45	-0.33	0.55	324
<i>W_M</i>	95.0	-0.95	4.59	4.68	102
<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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r18j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95M; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 49

LAB^*LCH^*Ma : 49 80 37

lab^*olv^*Ma : 1.0 0.0 0.0

lab^*rgb^*Ma : 1.0 0.18 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	49.0	63.38	48.88	80.04	38	r18j			
o25y	59.11	45.34	58.73	74.2	52	r40j			
o50y	68.41	28.75	67.79	73.63	67	r62j			
o75y	78.21	11.28	77.33	78.15	82	r83j			
y00l	90.12	-9.95	88.92	89.48	96	j06g			
y25l	78.02	-26.06	71.49	76.09	110	j25g			
y50l	68.61	-38.59	57.93	69.6	124	j44g			
y75l	60.24	-49.73	45.87	67.65	137	j64g			
l00c	51.87	-60.87	33.81	69.63	151	j83g			
l50c	56.13	-42.95	-10.31	44.17	194	g28b			
c00v	59.35	-29.39	-43.68	52.65	236	g67b			
c50v	43.41	0.39	-43.41	43.41	271	g98b			
v00m	27.47	30.17	-43.15	52.65	305	b29r			
v50m	36.54	48.04	-28.54	55.88	329	b51r			
m00o	49.19	72.97	-8.17	73.42	354	b72r			
m50o	49.1	68.38	19.12	71.0	16	b91r			

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

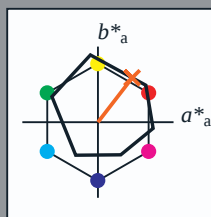
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o25y$ $u^*_e = r40j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95M; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 59

LAB^*LCH^*Ma : 59 74 52

lab^*olv^*Ma : 1.0 0.25 0.0

lab^*rgb^*Ma : 1.0 0.4 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

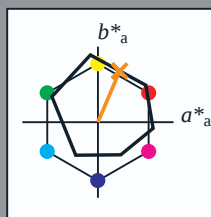
relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o50y$ $u^*_e = r62j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95M; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 68

$LAB^*LCH^*_Ma$: 68 74 67

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

$lab^*rgb^*_Ma$: 1.0 0.62 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	49.0	63.38	48.88	80.04	38	r18j		
o25y	59.11	45.34	58.73	74.2	52	r40j		
o50y	68.41	28.75	67.79	73.63	67	r62j		
o75y	78.21	11.28	77.33	78.15	82	r83j		
y00l	90.12	-9.95	88.92	89.48	96	j06g		
y25l	78.02	-26.06	71.49	76.09	110	j25g		
y50l	68.61	-38.59	57.93	69.6	124	j44g		
y75l	60.24	-49.73	45.87	67.65	137	j64g		
l00c	51.87	-60.87	33.81	69.63	151	j83g		
l50c	56.13	-42.95	-10.31	44.17	194	g28b		
c00v	59.35	-29.39	-43.68	52.65	236	g67b		
c50v	43.41	0.39	-43.41	43.41	271	g98b		
v00m	27.47	30.17	-43.15	52.65	305	b29r		
v50m	36.54	48.04	-28.54	55.88	329	b51r		
m00o	49.19	72.97	-8.17	73.42	354	b72r		
m50o	49.1	68.38	19.12	71.0	16	b91r		

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

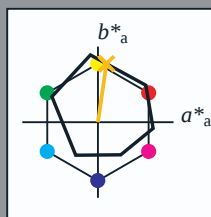
relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o75y$ $u^*_e = r83j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95M; CIELAB data					
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	49.0	63.28	50.46	80.94	39
Y _M	90.12	-10.81	93.19	93.81	97
L _M	51.87	-61.02	35.57	70.63	150
C _M	59.35	-29.68	-41.42	50.96	234
V _M	27.47	30.47	-42.98	52.69	305
M _M	49.19	72.87	-6.59	73.17	355
N _M	20.0	0.45	-0.33	0.55	324
W _M	95.0	-0.95	4.59	4.68	102
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 : 78 11 77

LAB^*LCH^*Ma : 78 78 81

lab^*olv^*Ma : 1.0 0.75 0.0

lab^*rgb^*Ma : 1.0 0.84 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

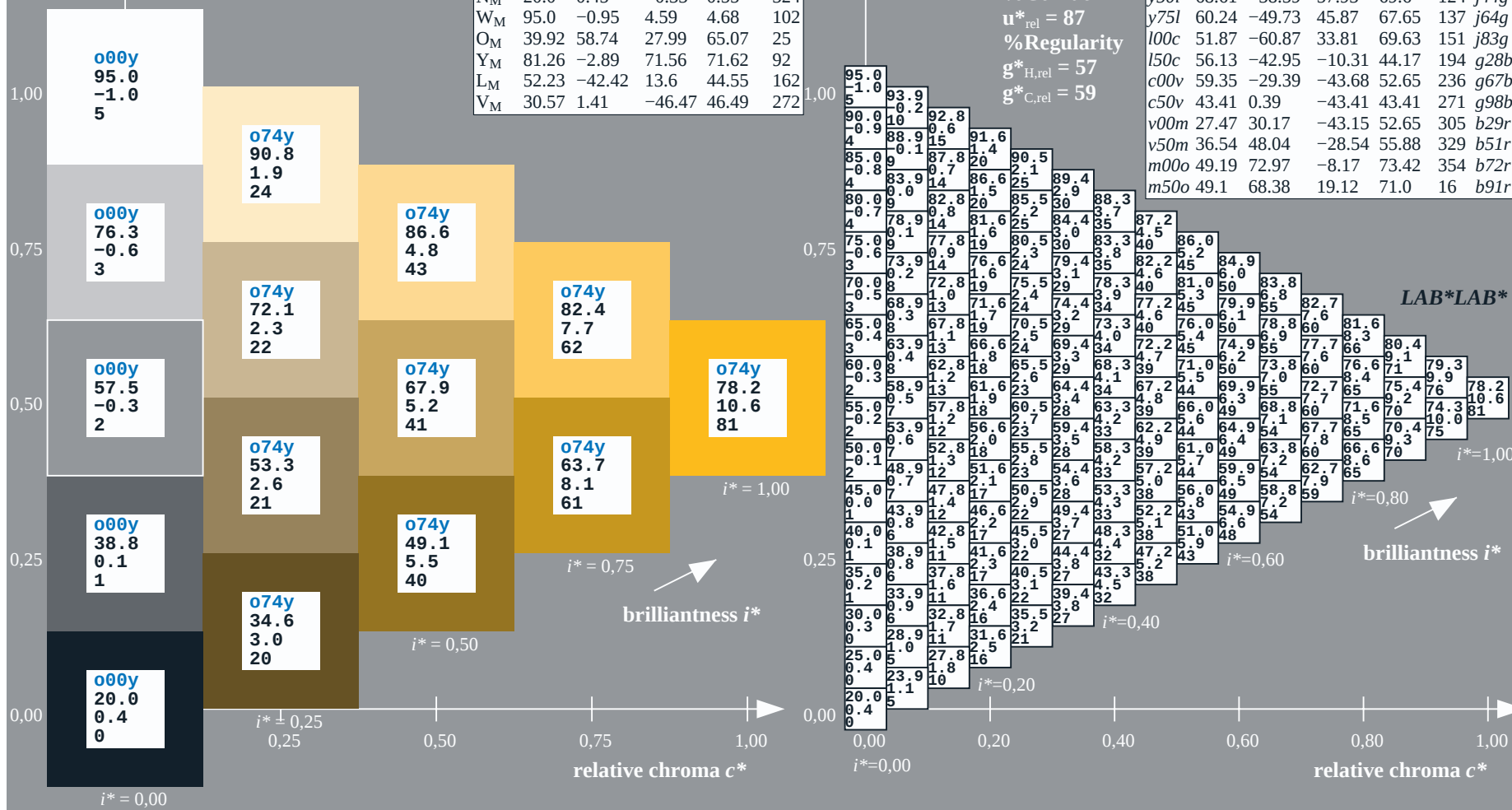
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	

$u^*_d = o75y$
 LAB^*LAB^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

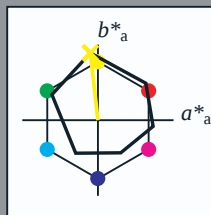
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	49.0	63.28	50.46	80.94	39
Y _M	90.12	-10.81	93.19	93.81	97
L _M	51.87	-61.02	35.57	70.63	150
C _M	59.35	-29.68	-41.42	50.96	234
V _M	27.47	30.47	-42.98	52.69	305
M _M	49.19	72.87	-6.59	73.17	355
N _M	20.0	0.45	-0.33	0.55	324
W _M	95.0	-0.95	4.59	4.68	102
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 : 90 -10 89

LAB^*LCH^*Ma : 90 89 96

lab^*olv^*Ma : 1.0 1.0 0.0

lab^*rgb^*Ma : 0.94 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

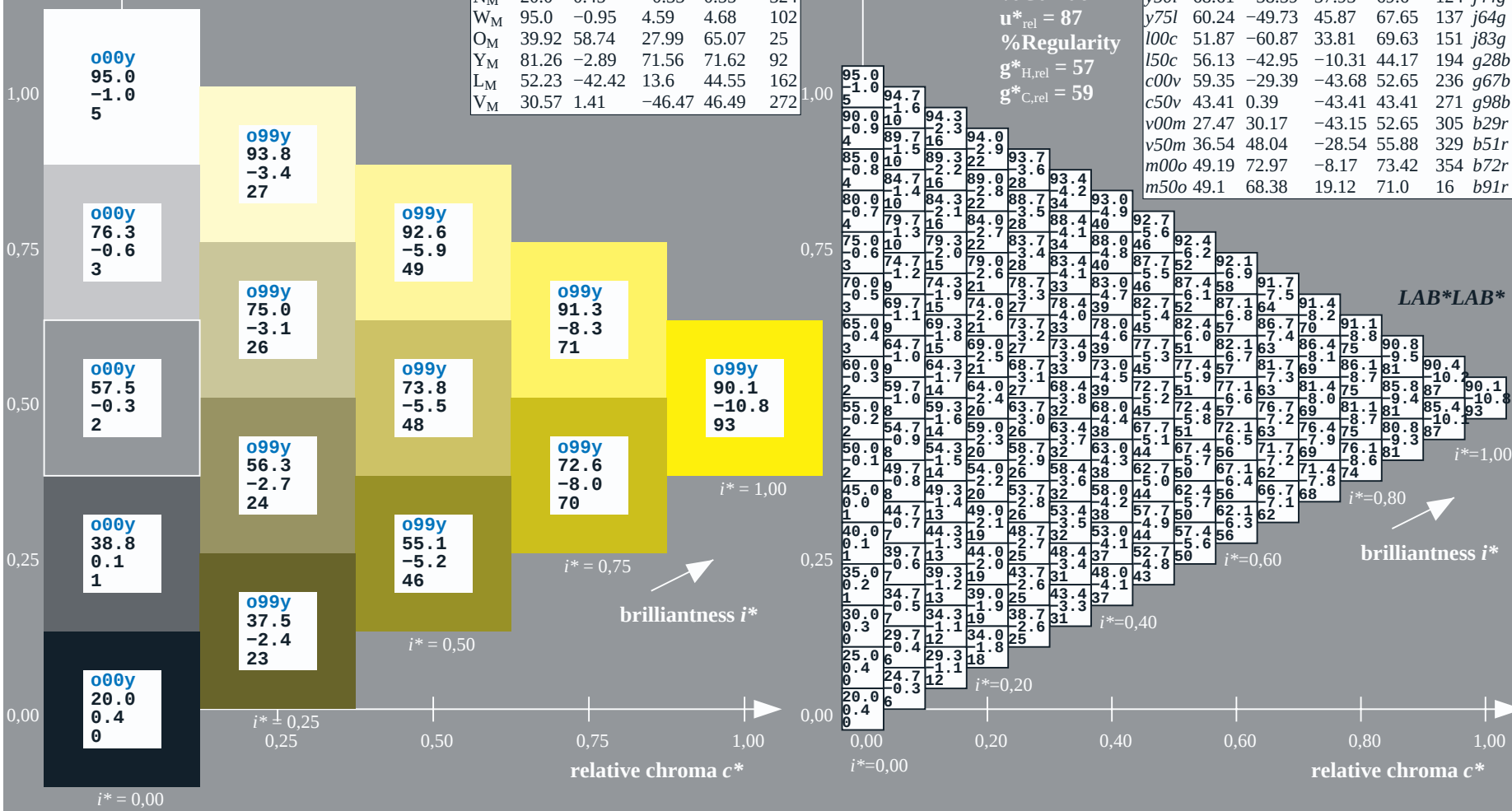
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

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



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

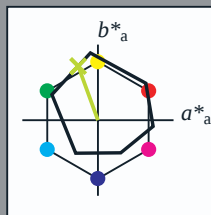
Hue texts:

$u^*_d = y25l$ $u^*_e = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	-10.81	93.19	93.81	97
L_M	51.87	-61.02	35.57	70.63	150
C_M	59.35	-29.68	-41.42	50.96	234
V_M	27.47	30.47	-42.98	52.69	305
M_M	49.19	72.87	-6.59	73.17	355
N_M	20.0	0.45	-0.33	0.55	324
W_M	95.0	-0.95	4.59	4.68	102
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):

$LAB^*LAB^*_Ma$: 78 -26 71

$LAB^*LCH^*_Ma$: 78 76 110

$lab^*olv^*_Ma$: 0.75 1.0 0.0

$lab^*rgb^*_Ma$: 0.75 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

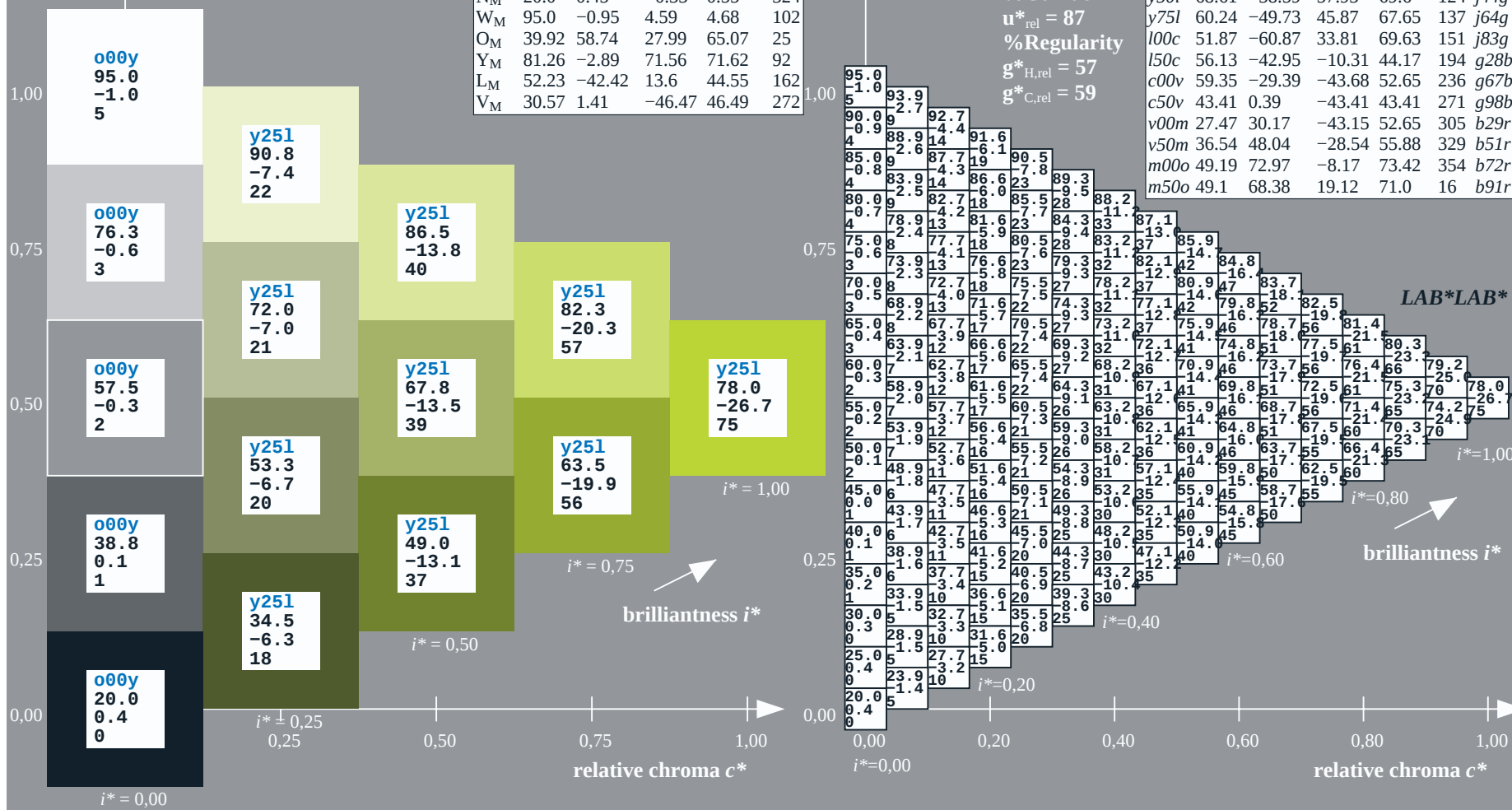
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$

$u^*_d = y25l$
 LAB^*LAB^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

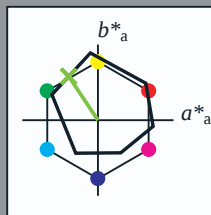
Hue texts:

$u^*_d = y50l$ $u^*_e = j44g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	-10.81	93.19	93.81	97
L_M	51.87	-61.02	35.57	70.63	150
C_M	59.35	-29.68	-41.42	50.96	234
V_M	27.47	30.47	-42.98	52.69	305
M_M	49.19	72.87	-6.59	73.17	355
N_M	20.0	0.45	-0.33	0.55	324
W_M	95.0	-0.95	4.59	4.68	102
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):

$LAB^*LAB^*_Ma$: 69 -39 58

$LAB^*LCH^*_Ma$: 69 70 123

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

$lab^*rgb^*_Ma$: 0.55 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

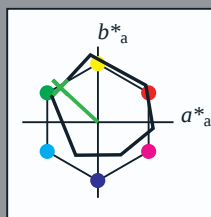
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y75l$ $u^*_e = j64g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95M; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 : 60 -50 46

LAB^*LCH^*Ma : 60 68 137

lab^*olv^*Ma : 0.25 1.0 0.0

lab^*rgb^*Ma : 0.36 1.0 0.0

triangle lightness t^*

%Gamut

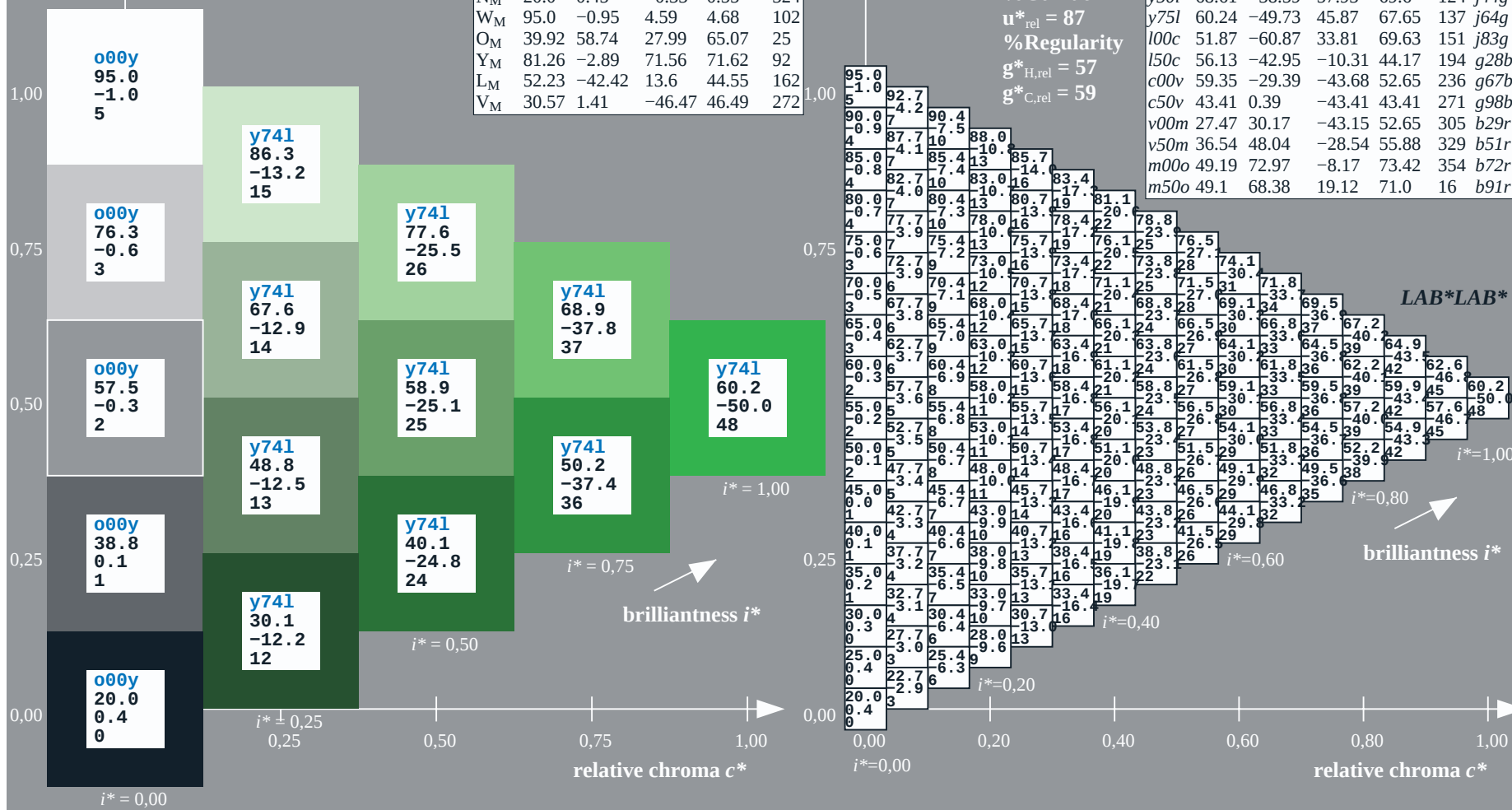
$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	49.0	63.38	48.88	80.04	38	r18j			
o25y	59.11	45.34	58.73	74.2	52	r40j			
o50y	68.41	28.75	67.79	73.63	67	r62j			
o75y	78.21	11.28	77.33	78.15	82	r83j			
y00l	90.12	-9.95	88.92	89.48	96	j06g			
y25l	78.02	-26.06	71.49	76.09	110	j25g			
y50l	68.61	-38.59	57.93	69.6	124	j44g			
y75l	60.24	-49.73	45.87	67.65	137	j64g			
l00c	51.87	-60.87	33.81	69.63	151	j83g			
l50c	56.13	-42.95	-10.31	44.17	194	g28b			
c00v	59.35	-29.39	-43.68	52.65	236	g67b			
c50v	43.41	0.39	-43.41	43.41	271	g98b			
v00m	27.47	30.17	-43.15	52.65	305	b29r			
v50m	36.54	48.04	-28.54	55.88	329	b51r			
m00o	49.19	72.97	-8.17	73.42	354	b72r			
m50o	49.1	68.38	19.12	71.0	16	b91r			



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

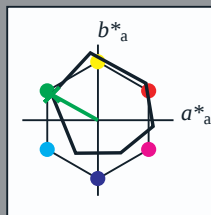
Hue texts:

$u^*_d = 100c$ $u^*_e = j83g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	49.0	63.28	50.46	80.94	39
Y _M	90.12	-10.81	93.19	93.81	97
L _M	51.87	-61.02	35.57	70.63	150
C _M	59.35	-29.68	-41.42	50.96	234
V _M	27.47	30.47	-42.98	52.69	305
M _M	49.19	72.87	-6.59	73.17	355
N _M	20.0	0.45	-0.33	0.55	324
W _M	95.0	-0.95	4.59	4.68	102
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 -61 34

LAB^*LCH^*Ma : 52 70 150

lab^*olv^*Ma : 0.0 1.0 0.0

lab^*rgb^*Ma : 0.16 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

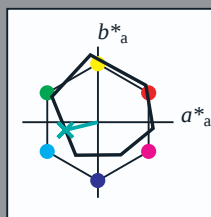
$i^*=0.20$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g28b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95M; CIELAB data					
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	49.0	63.28	50.46	80.94	39
Y _M	90.12	-10.81	93.19	93.81	97
L _M	51.87	-61.02	35.57	70.63	150
C _M	59.35	-29.68	-41.42	50.96	234
V _M	27.47	30.47	-42.98	52.69	305
M _M	49.19	72.87	-6.59	73.17	355
N _M	20.0	0.45	-0.33	0.55	324
W _M	95.0	-0.95	4.59	4.68	102
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 -10

LAB^*LCH^*Ma : 56 44 193

lab^*olv^*Ma : 0.0 1.0 0.5

lab^*rgb^*Ma : 0.0 1.0 0.57

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	49.0	63.38	48.88	80.04	38	r18j		
o25y	59.11	45.34	58.73	74.2	52	r40j		
o50y	68.41	28.75	67.79	73.63	67	r62j		
o75y	78.21	11.28	77.33	78.15	82	r83j		
y00l	90.12	-9.95	88.92	89.48	96	j06g		
y25l	78.02	-26.06	71.49	76.09	110	j25g		
y50l	68.61	-38.59	57.93	69.6	124	j44g		
y75l	60.24	-49.73	45.87	67.65	137	j64g		
l00c	51.87	-60.87	33.81	69.63	151	j83g		
l50c	56.13	-42.95	-10.31	44.17	194	g28b		
c00v	59.35	-29.39	-43.68	52.65	236	g67b		
c50v	43.41	0.39	-43.41	43.41	271	g98b		
v00m	27.47	30.17	-43.15	52.65	305	b29r		
v50m	36.54	48.04	-28.54	55.88	329	b51r		
m00o	49.19	72.97	-8.17	73.42	354	b72r		
m50o	49.1	68.38	19.12	71.0	16	b91r		

LAB^*LAB^*

$i^*=1.00$

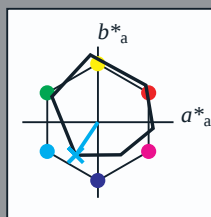
brilliantness i^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = c00v$ $u^*_e = g67b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95M; CIELAB data					
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	49.0	63.28	50.46	80.94	39
Y _M	90.12	-10.81	93.19	93.81	97
L _M	51.87	-61.02	35.57	70.63	150
C _M	59.35	-29.68	-41.42	50.96	234
V _M	27.47	30.47	-42.98	52.69	305
M _M	49.19	72.87	-6.59	73.17	355
N _M	20.0	0.45	-0.33	0.55	324
W _M	95.0	-0.95	4.59	4.68	102
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 -29 -44

LAB^*LCH^*Ma : 59 53 236

lab^*olv^*Ma : 0.0 1.0 1.0

lab^*rgb^*Ma : 0.0 0.65 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	49.0	63.38	48.88	80.04	38	r18j	
o25y	59.11	45.34	58.73	74.2	52	r40j	
o50y	68.41	28.75	67.79	73.63	67	r62j	
o75y	78.21	11.28	77.33	78.15	82	r83j	
y00l	90.12	-9.95	88.92	89.48	96	j06g	
y25l	78.02	-26.06	71.49	76.09	110	j25g	
y50l	68.61	-38.59	57.93	69.6	124	j44g	
y75l	60.24	-49.73	45.87	67.65	137	j64g	
l00c	51.87	-60.87	33.81	69.63	151	j83g	
l50c	56.13	-42.95	-10.31	44.17	194	g28b	
c00v	59.35	-29.39	-43.68	52.65	236	g67b	
c50v	43.41	0.39	-43.41	43.41	271	g98b	
v00m	27.47	30.17	-43.15	52.65	305	b29r	
v50m	36.54	48.04	-28.54	55.88	329	b51r	
m00o	49.19	72.97	-8.17	73.42	354	b72r	
m50o	49.1	68.38	19.12	71.0	16	b91r	

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

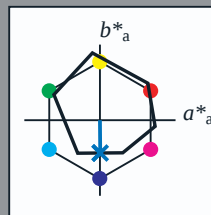
Hue texts:

$u^*_d = c50v$ $u^*_e = g98b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data

	u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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):

$LAB^*LAB^*Ma: 43 \ 0 \ -43$

$LAB^*LCH^*Ma: 43 \ 43 \ 270$

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

$lab^*rgb^*Ma: 0.0 \ 0.02 \ 1.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

	u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$	
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$	
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$	
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$	
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$	
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$	
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$	
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$	
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$	
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$	
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$	
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$	
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$	
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$	
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$	
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$	

LAB^*LAB^*

$i^*=1.00$

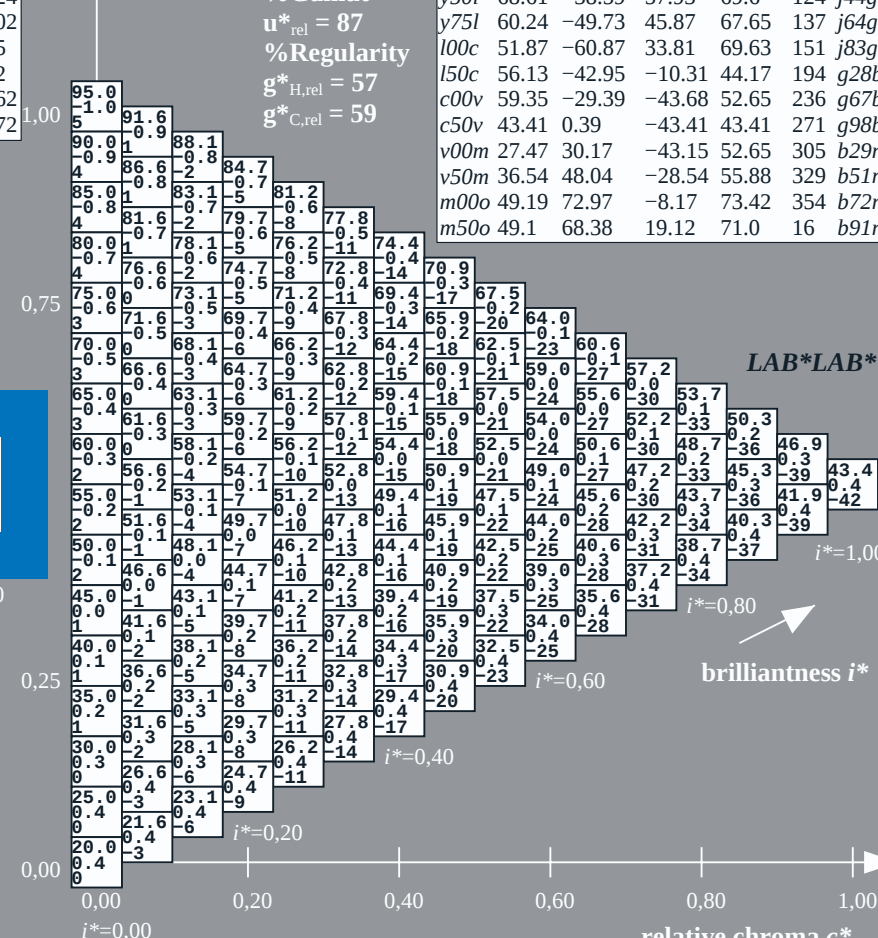
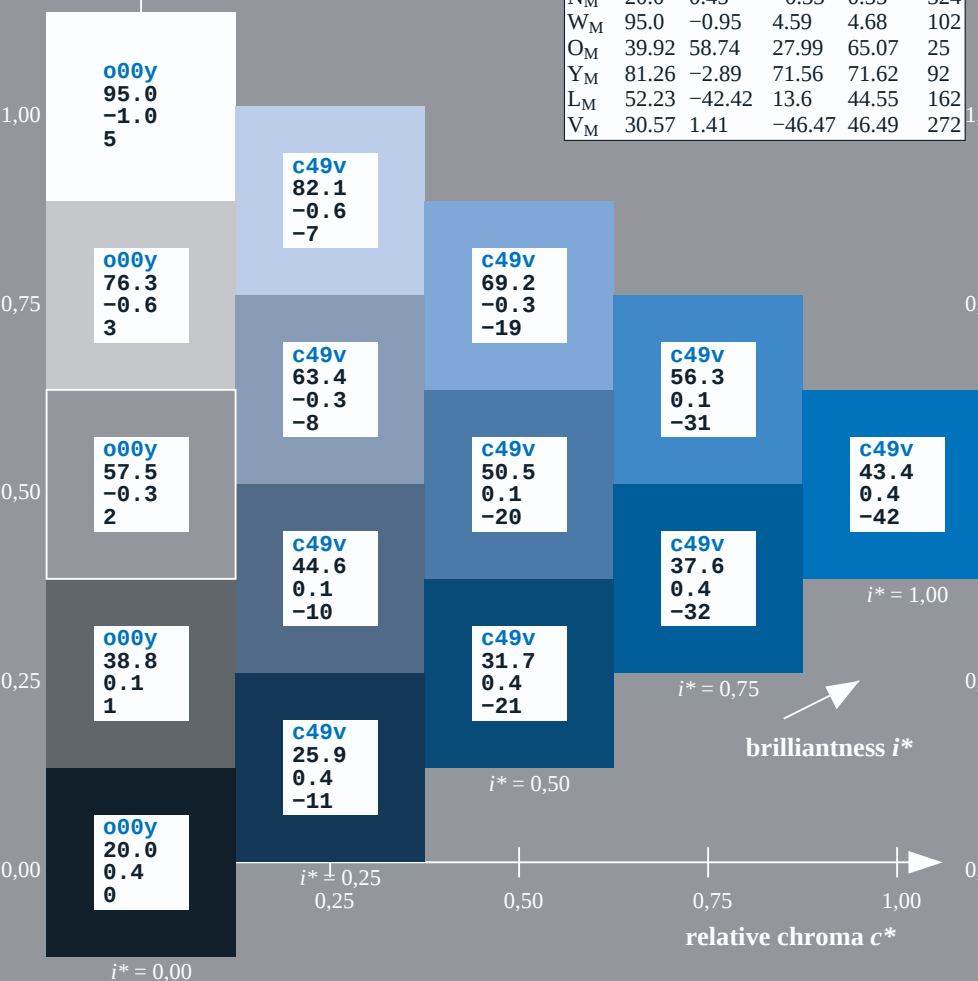
brilliantness i^*

$i^*=0.80$

$i^*=0.60$

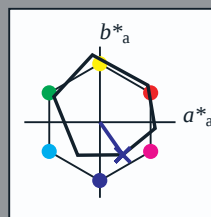
$i^*=0.40$

$i^*=0.20$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b29r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95M; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 : 27 30 -43

LAB^*LCH^*Ma : 27 53 304

lab^*olv^*Ma : 0.0 0.0 1.0

lab^*rgb^*Ma : 0.58 0.0 1.0

triangle lightness t^*

%Gamut

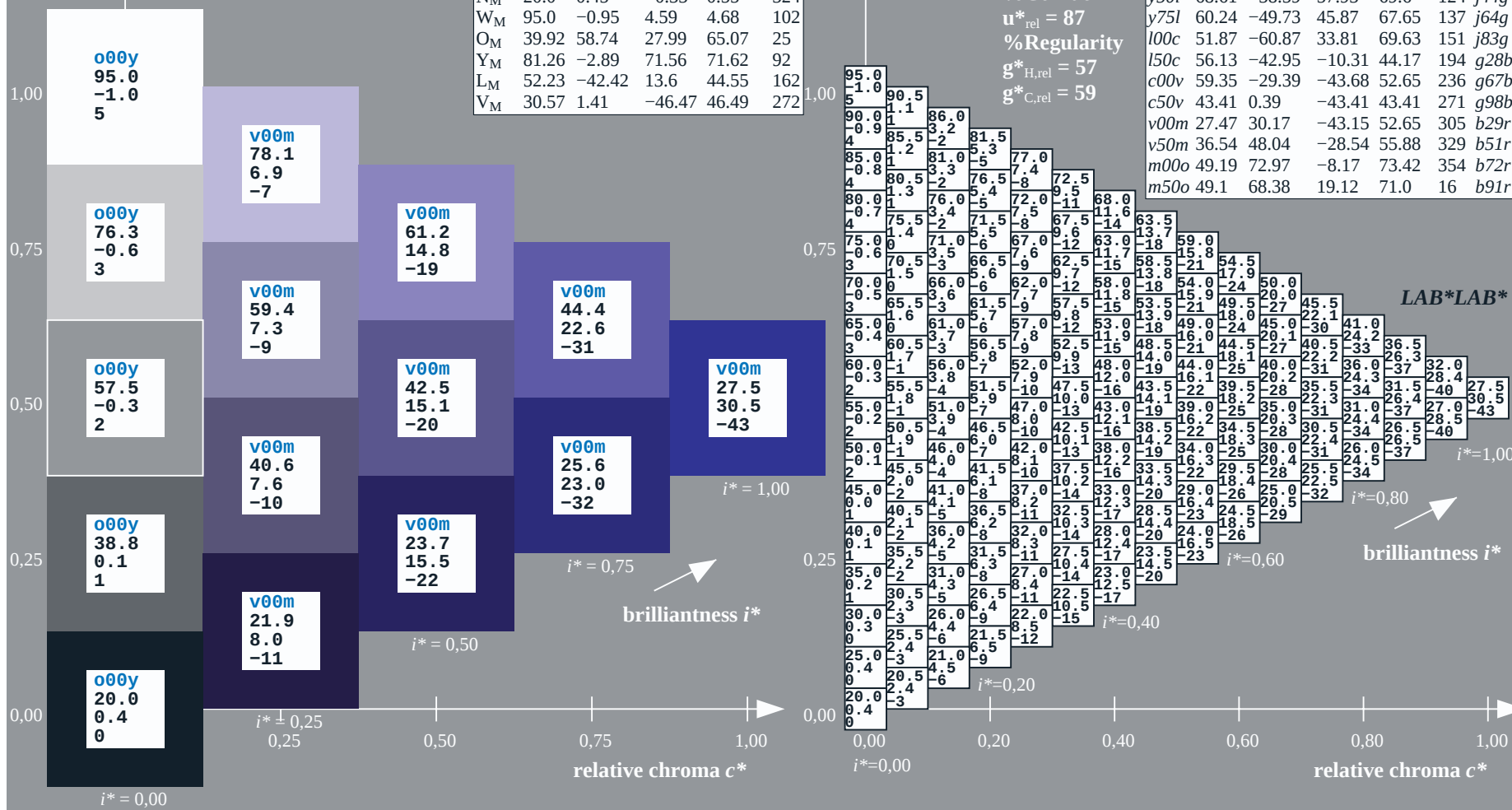
$u^*_{rel} = 87$

%Regularity

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

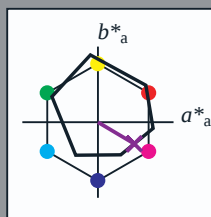
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	49.0	63.38	48.88	80.04	38	r18j			
o25y	59.11	45.34	58.73	74.2	52	r40j			
o50y	68.41	28.75	67.79	73.63	67	r62j			
o75y	78.21	11.28	77.33	78.15	82	r83j			
y00l	90.12	-9.95	88.92	89.48	96	j06g			
y25l	78.02	-26.06	71.49	76.09	110	j25g			
y50l	68.61	-38.59	57.93	69.6	124	j44g			
y75l	60.24	-49.73	45.87	67.65	137	j64g			
l00c	51.87	-60.87	33.81	69.63	151	j83g			
l50c	56.13	-42.95	-10.31	44.17	194	g28b			
c00v	59.35	-29.39	-43.68	52.65	236	g67b			
c50v	43.41	0.39	-43.41	43.41	271	g98b			
v00m	27.47	30.17	-43.15	52.65	305	b29r			
v50m	36.54	48.04	-28.54	55.88	329	b51r			
m00o	49.19	72.97	-8.17	73.42	354	b72r			
m50o	49.1	68.38	19.12	71.0	16	b91r			



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v50m$ $u^*_e = b51r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95M; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 48 -29

$LAB^*LCH^*_Ma$: 37 56 329

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

$lab^*rgb^*_Ma$: 1.0 0.0 0.99

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			

$u^*_d = v50m$

LAB^*LAB^*

LAB^*LAB^*

brilliantness i^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$

data for any colour:

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

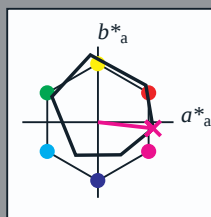
Hue texts:

$u^*_d = m00o$ $u^*_e = b72r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 73 -8

LAB^*LCH^*Ma : 49 73 353

lab^*olv^*Ma : 1.0 0.0 1.0

lab^*rgb^*Ma : 1.0 0.0 0.56

triangle lightness t^*

%Gamut

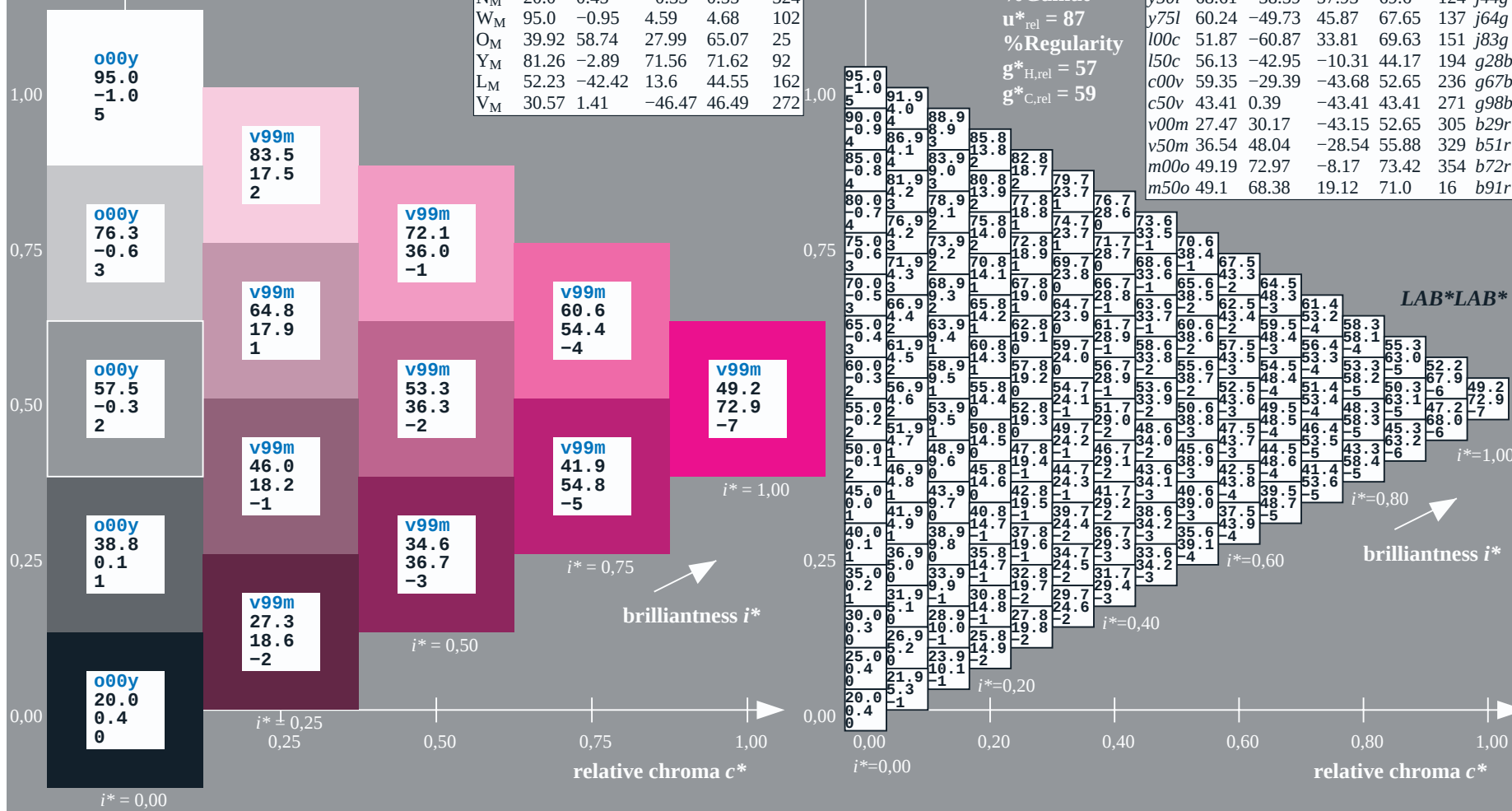
$u^*_{rel} = 87$

%Regularity

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

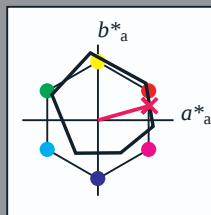
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	49.0	63.38	48.88	80.04	38	r18j			
o25y	59.11	45.34	58.73	74.2	52	r40j			
o50y	68.41	28.75	67.79	73.63	67	r62j			
o75y	78.21	11.28	77.33	78.15	82	r83j			
y00l	90.12	-9.95	88.92	89.48	96	j06g			
y25l	78.02	-26.06	71.49	76.09	110	j25g			
y50l	68.61	-38.59	57.93	69.6	124	j44g			
y75l	60.24	-49.73	45.87	67.65	137	j64g			
l00c	51.87	-60.87	33.81	69.63	151	j83g			
l50c	56.13	-42.95	-10.31	44.17	194	g28b			
c00v	59.35	-29.39	-43.68	52.65	236	g67b			
c50v	43.41	0.39	-43.41	43.41	271	g98b			
v00m	27.47	30.17	-43.15	52.65	305	b29r			
v50m	36.54	48.04	-28.54	55.88	329	b51r			
m00o	49.19	72.97	-8.17	73.42	354	b72r			
m50o	49.1	68.38	19.12	71.0	16	b91r			



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m50o$ $u^*_e = b91r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95M; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 68 19

LAB^*LCH^*Ma : 49 71 15

lab^*olv^*Ma : 1.0 0.0 0.5

lab^*rgb^*Ma : 1.0 0.0 0.17

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

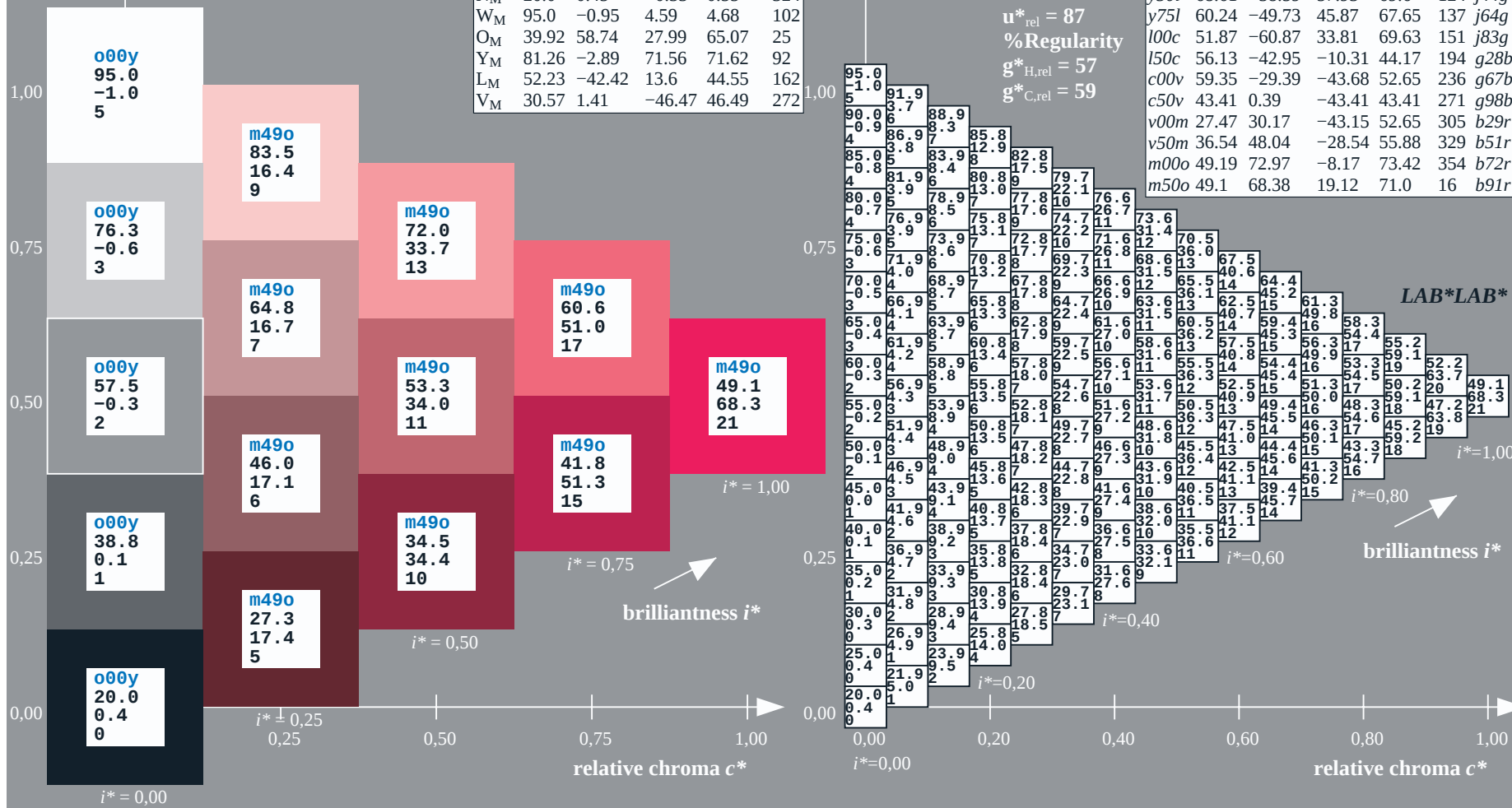
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	49.0	63.38	48.88	80.04	38	r18j			
o25y	59.11	45.34	58.73	74.2	52	r40j			
o50y	68.41	28.75	67.79	73.63	67	r62j			
o75y	78.21	11.28	77.33	78.15	82	r83j			
y00l	90.12	-9.95	88.92	89.48	96	j06g			
y25l	78.02	-26.06	71.49	76.09	110	j25g			
y50l	68.61	-38.59	57.93	69.6	124	j44g			
y75l	60.24	-49.73	45.87	67.65	137	j64g			
l00c	51.87	-60.87	33.81	69.63	151	j83g			
l50c	56.13	-42.95	-10.31	44.17	194	g28b			
c00v	59.35	-29.39	-43.68	52.65	236	g67b			
c50v	43.41	0.39	-43.41	43.41	271	g98b			
v00m	27.47	30.17	-43.15	52.65	305	b29r			
v50m	36.54	48.04	-28.54	55.88	329	b51r			
m00o	49.19	72.97	-8.17	73.42	354	b72r			
m50o	49.1	68.38	19.12	71.0	16	b91r			

$u^*_d = m50o$
 LAB^*LAB^*



See for similar files: <http://www.ps.bam.de/Ee65/>; www.ps.bam.de/Ee65/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=1

BAM registration: 20081001-Ee65/10L/L65E00FP.PS/.PDF BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
01	20.4	24.0	28.0	32.0	35.9	39.9	43.9	47.9	51.9	55.9	59.9	63.8	67.8	71.8	75.8	79.8	83.8	87.8	91.8	95.8	99.8	103.8	107.8	111.8	115.8	119.8	123.8	127.8	131.8	135.8	139.8	143.8	147.8	151.8	155.8	159.8	163.8	167.8	171.8	175.8	179.8	183.8	187.8	191.8	195.8	199.8	203.8	207.8	211.8	215.8	219.8	223.8	227.8	231.8	235.8	239.8	243.8	247.8	251.8	255.8	259.8	263.8	267.8	271.8	275.8	279.8	283.8	287.8	291.8	295.8	299.8	303.8	307.8	311.8	315.8	319.8	323.8	327.8	331.8	335.8	339.8	343.8	347.8	351.8	355.8	359.8	363.8	367.8	371.8	375.8	379.8	383.8	387.8	391.8	395.8	399.8	403.8	407.8	411.8	415.8	419.8	423.8	427.8	431.8	435.8	439.8	443.8	447.8	451.8	455.8	459.8	463.8	467.8	471.8	475.8	479.8	483.8	487.8	491.8	495.8	499.8	503.8	507.8	511.8	515.8	519.8	523.8	527.8	531.8	535.8	539.8	543.8	547.8	551.8	555.8	559.8	563.8	567.8	571.8	575.8	579.8	583.8	587.8	591.8	595.8	599.8	603.8	607.8	611.8	615.8	619.8	623.8	627.8	631.8	635.8	639.8	643.8	647.8	651.8	655.8	659.8	663.8	667.8	671.8	675.8	679.8	683.8	687.8	691.8	695.8	699.8	703.8	707.8	711.8	715.8	719.8	723.8	727.8	731.8	735.8	739.8	743.8	747.8	751.8	755.8	759.8	763.8	767.8	771.8	775.8	779.8	783.8	787.8	791.8	795.8	799.8	803.8	807.8	811.8	815.8	819.8	823.8	827.8	831.8	835.8	839.8	843.8	847.8	851.8	855.8	859.8	863.8	867.8	871.8	875.8	879.8	883.8	887.8	891.8	895.8	899.8	903.8	907.8	911.8	915.8	919.8	923.8	927.8	931.8	935.8	939.8	943.8	947.8	951.8	955.8	959.8	963.8	967.8	971.8	975.8	979.8	983.8	987.8	991.8	995.8	999.8	1003.8	1007.8	1011.8	1015.8	1019.8	1023.8	1027.8	1031.8	1035.8	1039.8	1043.8	1047.8	1051.8	1055.8	1059.8	1063.8	1067.8	1071.8	1075.8	1079.8	1083.8	1087.8	1091.8	1095.8	1099.8	1103.8	1107.8	1111.8	1115.8	1119.8	1123.8	1127.8	1131.8	1135.8	1139.8	1143.8	1147.8	1151.8	1155.8	1159.8	1163.8	1167.8	1171.8	1175.8	1179.8	1183.8	1187.8	1191.8	1195.8	1199.8	1203.8	1207.8	1211.8	1215.8	1219.8	1223.8	1227.8	1231.8	1235.8	1239.8	1243.8	1247.8	1251.8	1255.8	1259.8	1263.8	1267.8	1271.8	1275.8	1279.8	1283.8	1287.8	1291.8	1295.8	1299.8	1303.8	1307.8	1311.8	1315.8	1319.8	1323.8	1327.8	1331.8	1335.8	1339.8	1343.8	1347.8	1351.8	1355.8	1359.8	1363.8	1367.8	1371.8	1375.8	1379.8	1383.8	1387.8	1391.8	1395.8	1399.8	1403.8	1407.8	1411.8	1415.8	1419.8	1423.8	1427.8	1431.8	1435.8	1439.8	1443.8	1447.8	1451.8	1455.8	1459.8	1463.8	1467.8	1471.8	1475.8	1479.8	1483.8	1487.8	1491.8	1495.8	1499.8	1503.8	1507.8	1511.8	1515.8	1519.8	1523.8	1527.8	1531.8	1535.8	1539.8	1543.8	1547.8	1551.8	1555.8	1559.8	1563.8	1567.8	1571.8	1575.8	1579.8	1583.8	1587.8	1591.8	1595.8	1599.8	1603.8	1607.8	1611.8	1615.8	1619.8	1623.8	1627.8	1631.8	1635.8	1639.8	1643.8	1647.8	1651.8	1655.8	1659.8	1663.8	1667.8	1671.8	1675.8	1679.8	1683.8	1687.8	1691.8	1695.8	1699.8	1703.8	1707.8	1711.8	1715.8	1719.8	1723.8	1727.8	1731.8	1735.8	1739.8	1743.8	1747.8	1751.8	1755.8	1759.8	1763.8	1767.8	1771.8	1775.8	1779.8	1783.8	1787.8	1791.8	1795.8	1799.8	1803.8	1807.8	1811.8	1815.8	1819.8	1823.8	1827.8	1831.8	1835.8	1839.8	1843.8	1847.8	1851.8	1855.8	1859.8	1863.8	1867.8	1871.8	1875.8	1879.8	1883.8	1887.8	1891.8	1895.8	1899.8	1903.8	1907.8	1911.8	1915.8	1919.8	1923.8	1927.8	1931.8	1935.8	1939.8	1943.8	1947.8	1951.8	1955.8	1959.8	1963.8	1967.8	1971.8	1975.8	1979.8	1983.8	1987.8	1991.8	1995.8	1999.8	2003.8	2007.8	2011.8	2015.8	2019.8	2023.8	2027.8	2031.8	2035.8	2039.8	2043.8	2047.8	2051.8	2055.8	2059.8	2063.8	2067.8	2071.8	2075.8	2079.8	2083.8	2087.8	2091.8	2095.8	2099.8	2103.8	2107.8	2111.8	2115.8	2119.8	2123.8	2127.8	2131.8	2135.8	2139.8	2143.8	2147.8	2151.8	2155.8	2159.8	2163.8	2167.8	2171.8	2175.8	2179.8	2183.8	2187.8	2191.8	2195.8	2199.8	2203.8	2207.8	2211.8	2215.8	2219.8	2223.8	2227.8	2231.8	2235.8	2239.8	2243.8	2247.8	2251.8	2255.8	2259.8	2263.8	2267.8	2271.8	2275.8	2279.8	2283.8	2287.8	2291.8	2295.8	2299.8	2303.8	2307.8	2311.8	2315.8	2319.8	2323.8	2327.8	2331.8	2335.8	2339.8	2343.8	2347.8	2351.8	2355.8	2359.8	2363.8	2367.8	2371.8	2375.8	2379.8	2383.8	2387.8	2391.8	2395.8	2399.8	2403.8	2407.8	2411.8	2415.8	2419.8	2423.8	2427.8	2431.8	2435.8	2439.8	2443.8	2447.8	2451.8	2455.8	2459.8	2463.8	2467.8	2471.8	2475.8	2479.8	2483.8	2487.8	2491.8	2495.8	2499.8	2503.8	2507.8	2511.8	2515.8	2519.8	2523.8	2527.8	2531.8	2535.8	2539.8	2543.8	2547.8	2551.8	2555.8	2559.8	2563.8	2567.8	2571.8	2575.8	2579.8	2583.8	2587.8	2591.8	2595.8	2599.8	2603.8	2607.8	2611.8	2615.8	2619.8	2623.8	2627.8	2631.8	2635.8	2639.8	2643.8	2647.8	2651.8	2655.8	2659.8	2663.8	2667.8	2671.8	2675.8	2679.8	2683.8	2687.8	2691.8	2695.8	2699.8	2703.8	2707.8	2711.8	2715.8	2719.8	2723.8	2727.8	2731.8	2735.8	2739.8	2743.8	2747.8	2751.8	2755.8	2759.8	2763.8	2767.8	2771.8	2775.8	2779.8	2783.8	2787.8	2791.8	2795.8	2799.8	2803.8	2807.8	2811.8	2815.8	2819.8	2823.8	2827.8	2831.8	2835.8	2839.8	2843.8	2847.8	2851.8	2855.8	2859.8	2863.8	2867.8	2871.8	2875.8	2879.8	2883.8	2887.8	2891.8	2895.8	2899.8	2903.8	2907.8	2911.8	2915.8	2919.8	2923.8	2927.8	2931.8	2935.8	2939.8	2943.8	2947.8	2951.8	2955.8	2959.8	2963.8	2967.8	2971.8	2975.8	2979.8	2983.8	2987.8	2991.8	2995.8	2999.8	3003.8	3007.8	3011.8	3015.8	3019.8	3023.8	3027.8	3031.8	3035.8	3039.8	3043.8	3047.8	3051.8	3055.8	3059.8	3063.8	3067.8	3071.8	3075.8	3079.8	3083.8	3087.8	3091.8	3095.8	3099.8	3103.8	3107.8	3111.8	3115.8	3119.8	3123.8	3127.8	3131.8	3135.8	3139.8	3143.8	3147.8	3151.8	3155.8	3159.8	3163.8	3167.8	3171.8	3175.8	3179.8	3183.8	3187.8	3191.8	3195.8	3199.8	3203.8	3207.8	3211.8	3215.8	3219.8	3223.8	3227.8	3231.8	3235.8	3239.8	3243.8	3247.8	3251.8	3255.8	3259.8	3263.8	3267.8	3271.8	3275.8	3279.8	3283.8	3287.8	3291.8	3295.8	3299.8	3303.8	3307.8	3311.8	3315.8	3319.8	3323.8	3327.8	3331.8	3335.8	3339.8	3343.8	3347.8	3351.8	3355.8	3359.8	3363.8	3367.8	3371.8	3375.8	3379.8	3383.8	3387.8	3391.8	3395.8	3399.8	3403.8	3407.8	3411.8	3415.8	3419.8	3423.8	3427.8	3431.8	3435.8	3439.8	3443.8	3447.8	3451.8	3455.8	3459.8	3463.8	3467.8	3471.8	3475.8	3479.8	3483.8	3487.8	3491.8	3495.8	3499.8	3503.8	3507.8	3511.8	3515.8	3519.8	3523.8	3527.8	3531.8	3535.8	3539.8	3543.8	3547.8	3551.8	3555.8	3559.8	3563.8	3567.8	3571.8	3575.8	3579.8	3583.8	3587.8	3591.8	3595.8	3599.8	3603.8	3607.8	3611.8	3615.8	3619.8	3623.8	3627.8	3631.8	3635.8	3639.8	3643.8	3647.8	3651.8	3655.8	3659.8	3663.8	3667.8	3671.8	3675.8	3679.8	3683.8	3687.8	3691.8	3695.8	3699.8	3703.8	3707.8	3711.8	3715.8	3719.8	3723.8	3727.8	3731.8	3735.8

Input and output:

Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

device hue text:

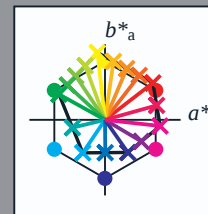
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



%Gamut

$u^*_{rel} = 87$

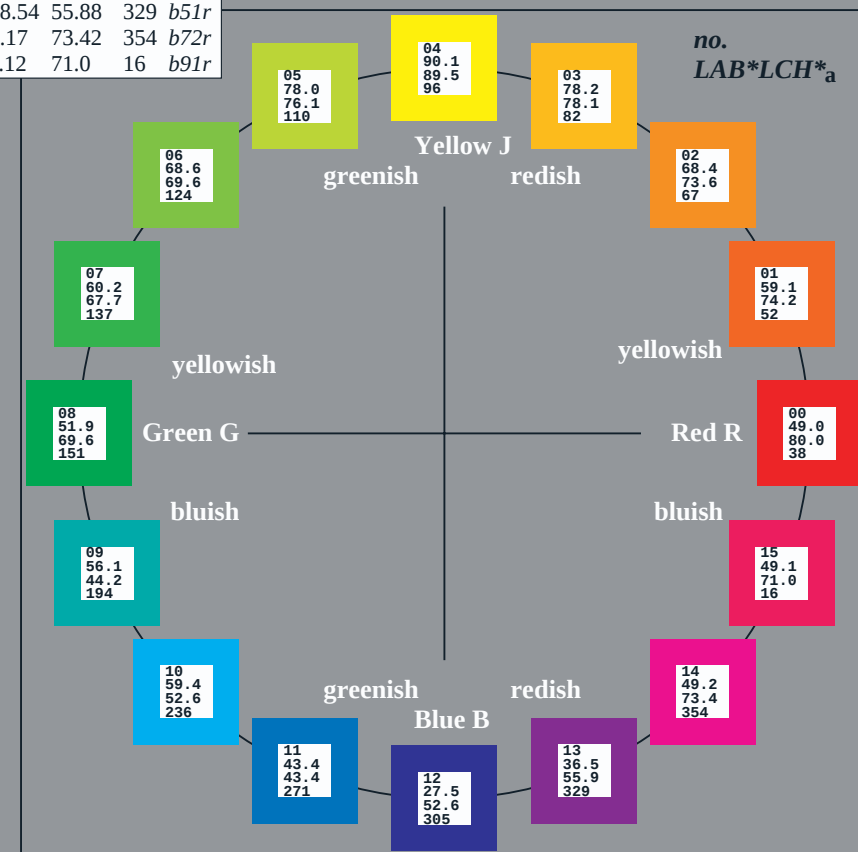
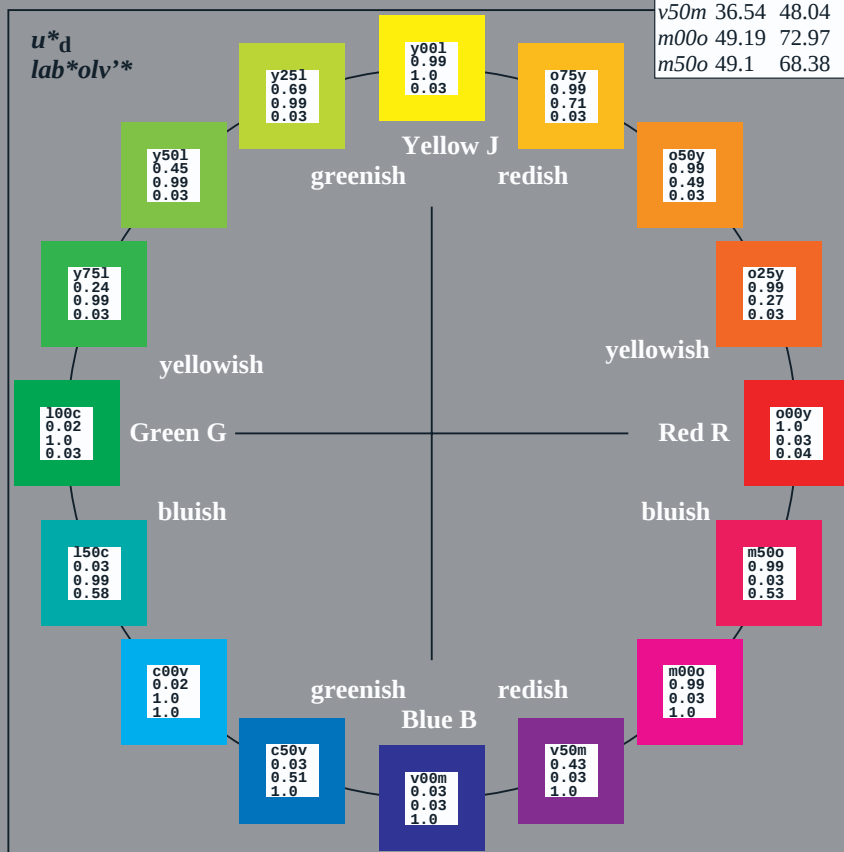
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; CIELAB data

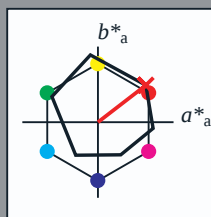
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
<i>O_M</i>	49.0	63.28	50.46	80.94	39
<i>Y_M</i>	90.12	-10.81	93.19	93.81	97
<i>L_M</i>	51.87	-61.02	35.57	70.63	150
<i>C_M</i>	59.35	-29.68	-41.42	50.96	234
<i>V_M</i>	27.47	30.47	-42.98	52.69	305
<i>M_M</i>	49.19	72.87	-6.59	73.17	355
<i>N_M</i>	20.0	0.45	-0.33	0.55	324
<i>W_M</i>	95.0	-0.95	4.59	4.68	102
<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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o00y$ $u^*_e = r18j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 49

$LAB^*LCH^*_{Ma}$: 49 80 37

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

$lab^*rgb^*_{Ma}$: 1.0 0.18 0.0

triangle lightness t^*

% Gamut

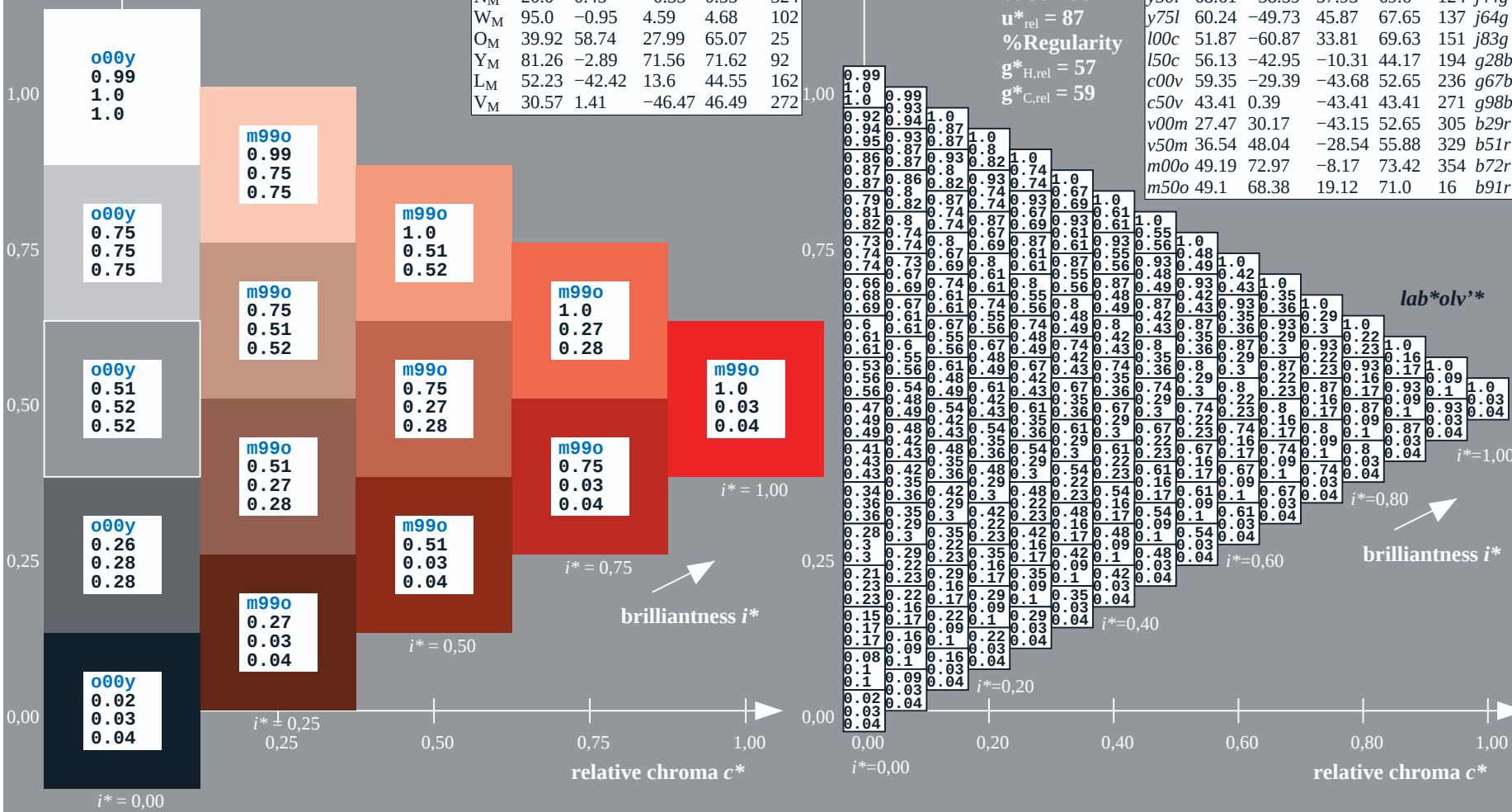
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	49.0	63.38	48.88	80.04	38	r18j			
o25y	59.11	45.34	58.73	74.2	52	r40j			
o50y	68.41	28.75	67.79	73.63	67	r62j			
o75y	78.21	11.28	77.33	78.15	82	r83j			
y00l	90.12	-9.95	88.92	89.48	96	j06g			
y25l	78.02	-26.06	71.49	76.09	110	j25g			
y50l	68.61	-38.59	57.93	69.6	124	j44g			
y75l	60.24	-49.73	45.87	67.65	137	j64g			
l00c	51.87	-60.87	33.81	69.63	151	j83g			
l50c	56.13	-42.95	-10.31	44.17	194	g28b			
c00v	59.35	-29.39	-43.68	52.65	236	g67b			
c50v	43.41	0.39	-43.41	43.41	271	g98b			
v00m	27.47	30.17	-43.15	52.65	305	b29r			
v50m	36.54	48.04	-28.54	55.88	329	b51r			
m00o	49.19	72.97	-8.17	73.42	354	b72r			
m50o	49.1	68.38	19.12	71.0	16	b91r			



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$

data for any colour:

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

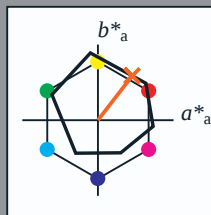
Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 59

$LAB^*LCH^*_{Ma}$: 59 74 52

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

$lab^*rgb^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

% Gamut

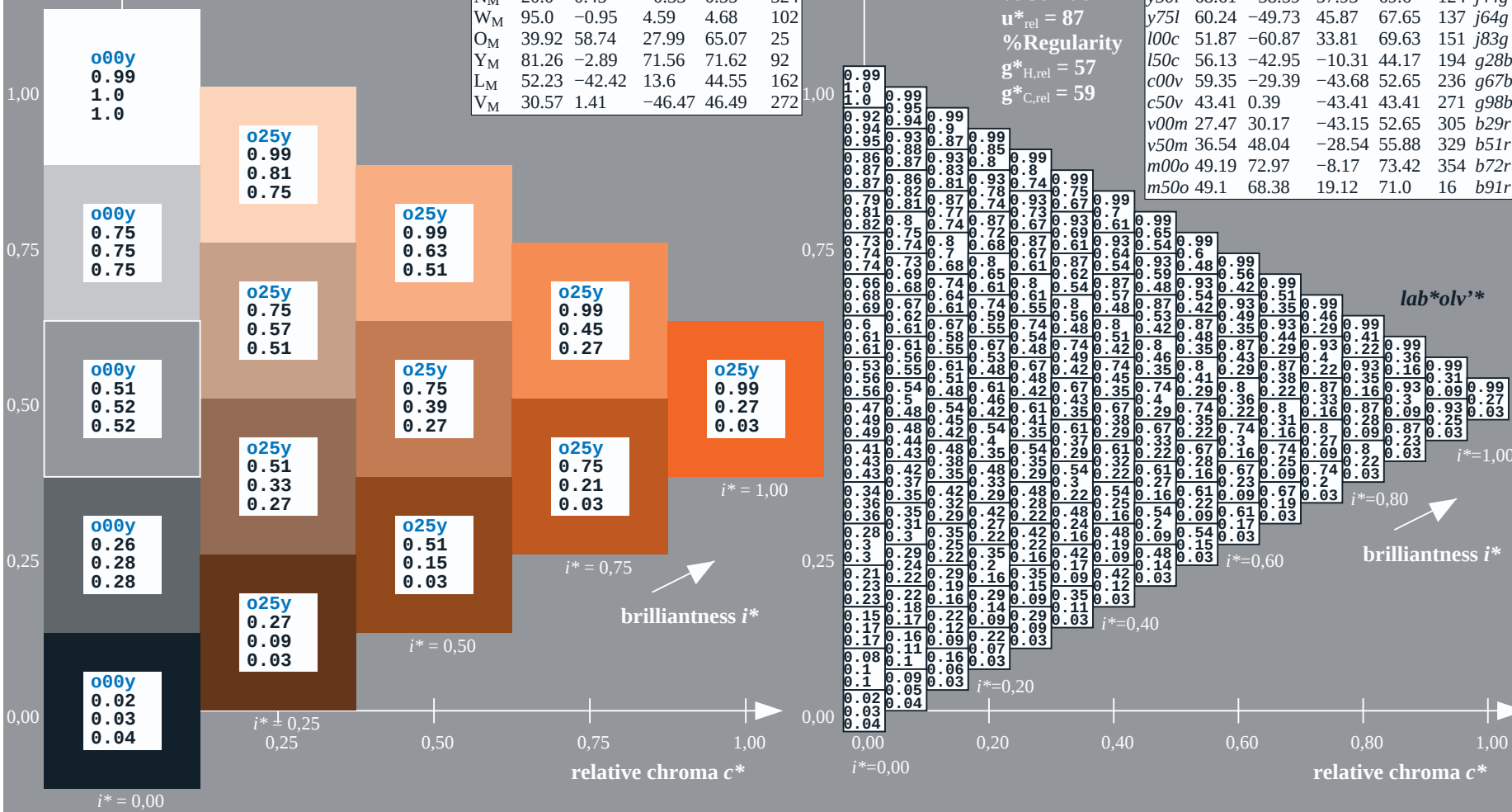
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$	
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$	
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$	
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$	
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$	
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$	
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$	
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$	
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$	
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$	
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$	
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$	
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$	
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$	
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$	
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$

data for any colour:

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

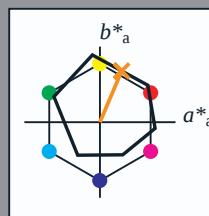
Hue texts:

$u^*_d = o50y$ $u^*_e = r62j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 68

$LAB^*LCH^*_{Ma}$: 68 74 67

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

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

triangle lightness t^*

% Gamut

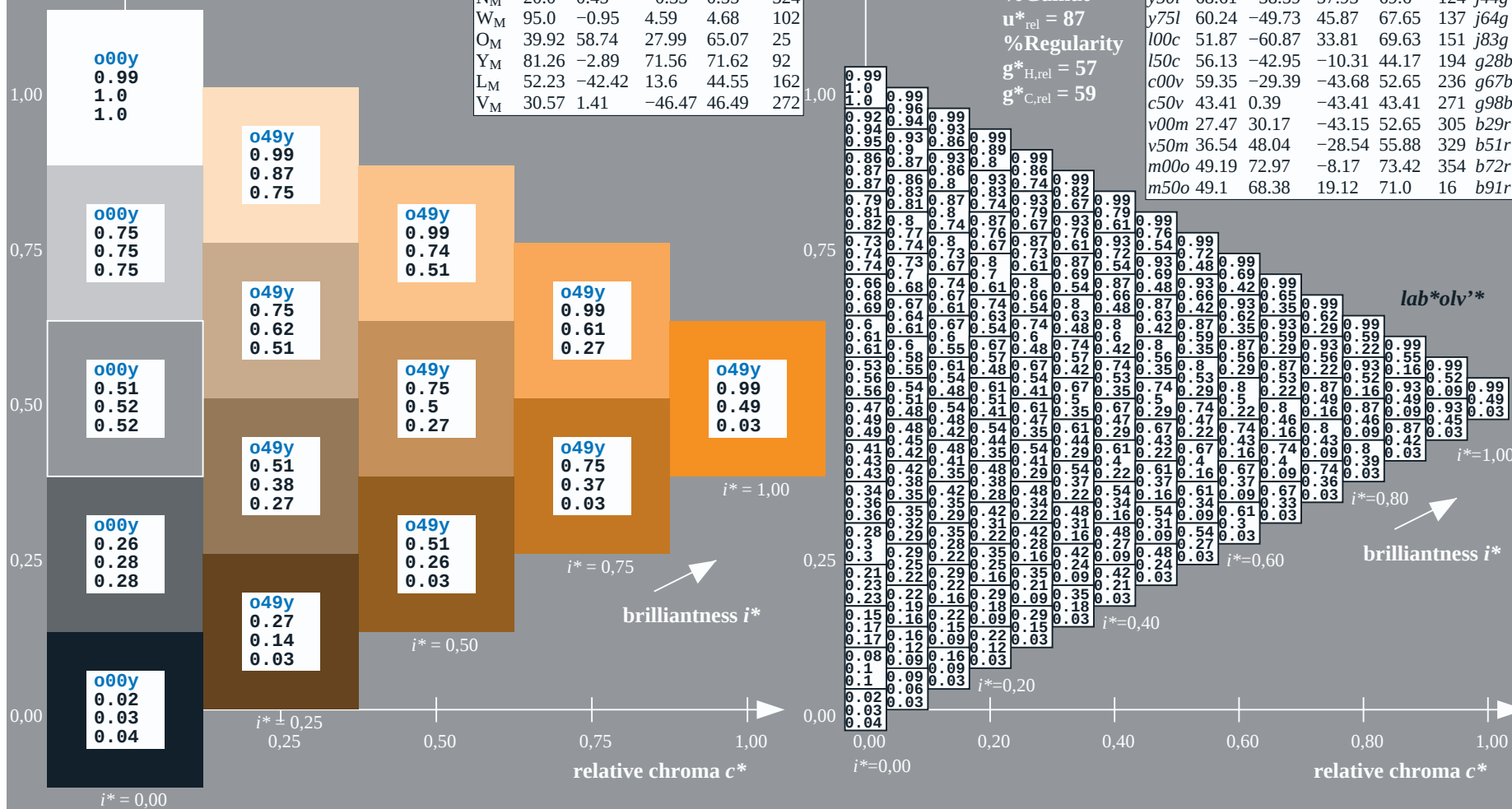
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	49.0	63.38	48.88	80.04	38	r18j		
o25y	59.11	45.34	58.73	74.2	52	r40j		
o50y	68.41	28.75	67.79	73.63	67	r62j		
o75y	78.21	11.28	77.33	78.15	82	r83j		
y00l	90.12	-9.95	88.92	89.48	96	j06g		
y25l	78.02	-26.06	71.49	76.09	110	j25g		
y50l	68.61	-38.59	57.93	69.6	124	j44g		
y75l	60.24	-49.73	45.87	67.65	137	j64g		
l00c	51.87	-60.87	33.81	69.63	151	j83g		
l50c	56.13	-42.95	-10.31	44.17	194	g28b		
c00v	59.35	-29.39	-43.68	52.65	236	g67b		
c50v	43.41	0.39	-43.41	43.41	271	g98b		
v00m	27.47	30.17	-43.15	52.65	305	b29r		
v50m	36.54	48.04	-28.54	55.88	329	b51r		
m00o	49.19	72.97	-8.17	73.42	354	b72r		
m50o	49.1	68.38	19.12	71.0	16	b91r		



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$

data for any colour:

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

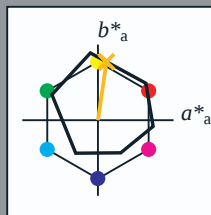
Hue texts:

$u^*_d = o75y$ $u^*_e = r83j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	-10.81	93.19	93.81	97
L_M	51.87	-61.02	35.57	70.63	150
C_M	59.35	-29.68	-41.42	50.96	234
V_M	27.47	30.47	-42.98	52.69	305
M_M	49.19	72.87	-6.59	73.17	355
N_M	20.0	0.45	-0.33	0.55	324
W_M	95.0	-0.95	4.59	4.68	102
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):

$LAB^*LAB^*_{Ma}$: 78 11 77

$LAB^*LCH^*_{Ma}$: 78 78 81

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

$lab^*rgb^*_{Ma}$: 1.0 0.84 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

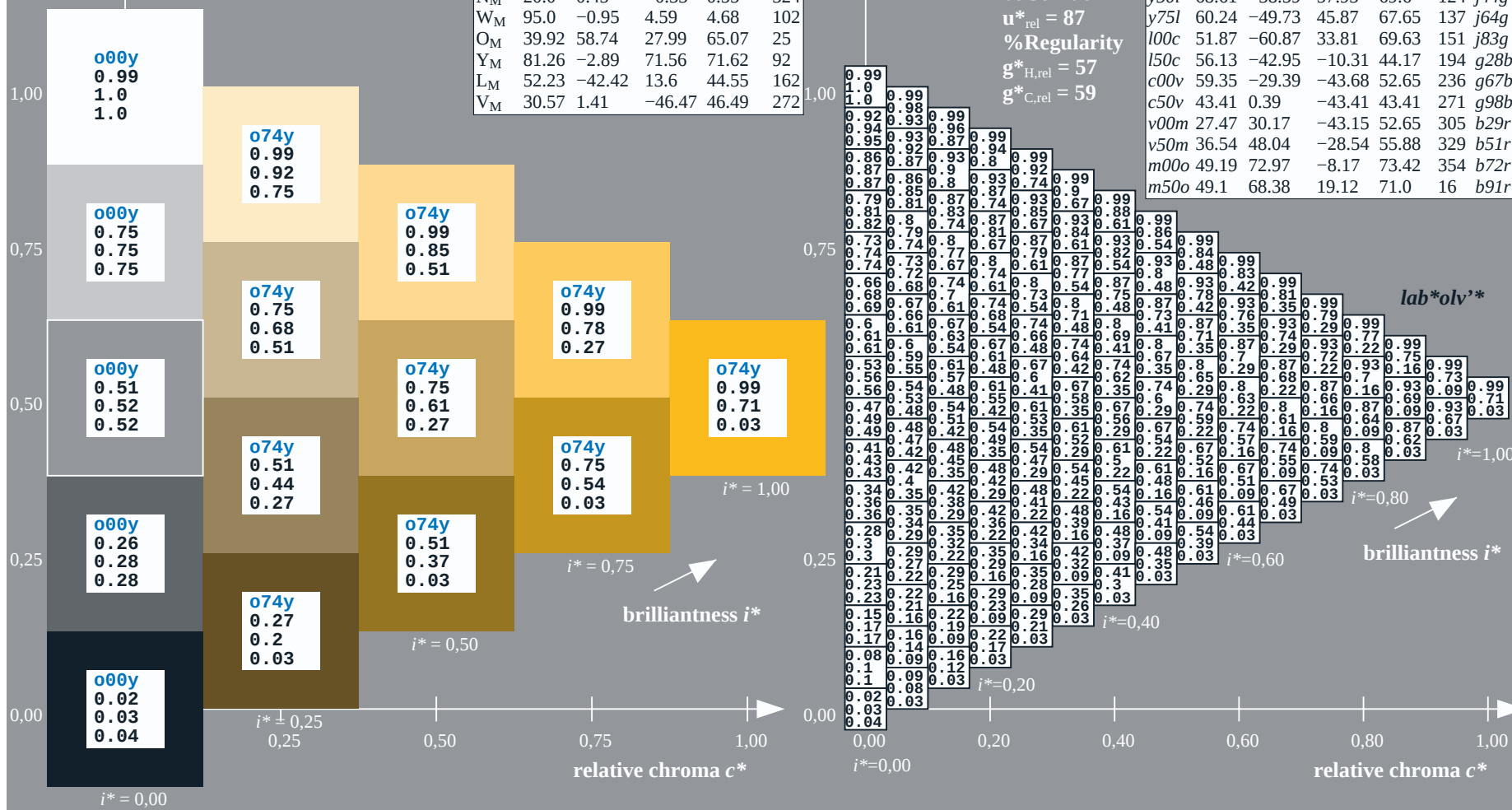
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

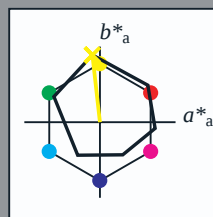
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$

$u^*_d = o75y$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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):

$LAB^*LAB^*_{Ma}$: 90 -10 89

$LAB^*LCH^*_{Ma}$: 90 89 96

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	49.0	63.38	48.88	80.04	38	r18j			
o25y	59.11	45.34	58.73	74.2	52	r40j			
o50y	68.41	28.75	67.79	73.63	67	r62j			
o75y	78.21	11.28	77.33	78.15	82	r83j			
y00l	90.12	-9.95	88.92	89.48	96	j06g			
y25l	78.02	-26.06	71.49	76.09	110	j25g			
y50l	68.61	-38.59	57.93	69.6	124	j44g			
y75l	60.24	-49.73	45.87	67.65	137	j64g			
l00c	51.87	-60.87	33.81	69.63	151	j83g			
l50c	56.13	-42.95	-10.31	44.17	194	g28b			
c00v	59.35	-29.39	-43.68	52.65	236	g67b			
c50v	43.41	0.39	-43.41	43.41	271	g98b			
v00m	27.47	30.17	-43.15	52.65	305	b29r			
v50m	36.54	48.04	-28.54	55.88	329	b51r			
m00o	49.19	72.97	-8.17	73.42	354	b72r			
m50o	49.1	68.38	19.12	71.0	16	b91r			

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

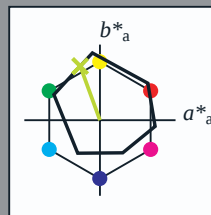
Hue texts:

$u^*_d = y25l$ $u^*_e = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data

u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	-10.81	93.19	93.81	97
L_M	51.87	-61.02	35.57	70.63	150
C_M	59.35	-29.68	-41.42	50.96	234
V_M	27.47	30.47	-42.98	52.69	305
M_M	49.19	72.87	-6.59	73.17	355
N_M	20.0	0.45	-0.33	0.55	324
W_M	95.0	-0.95	4.59	4.68	102
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):

$LAB^*LAB^*_{Ma}$: 78 -26 71

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

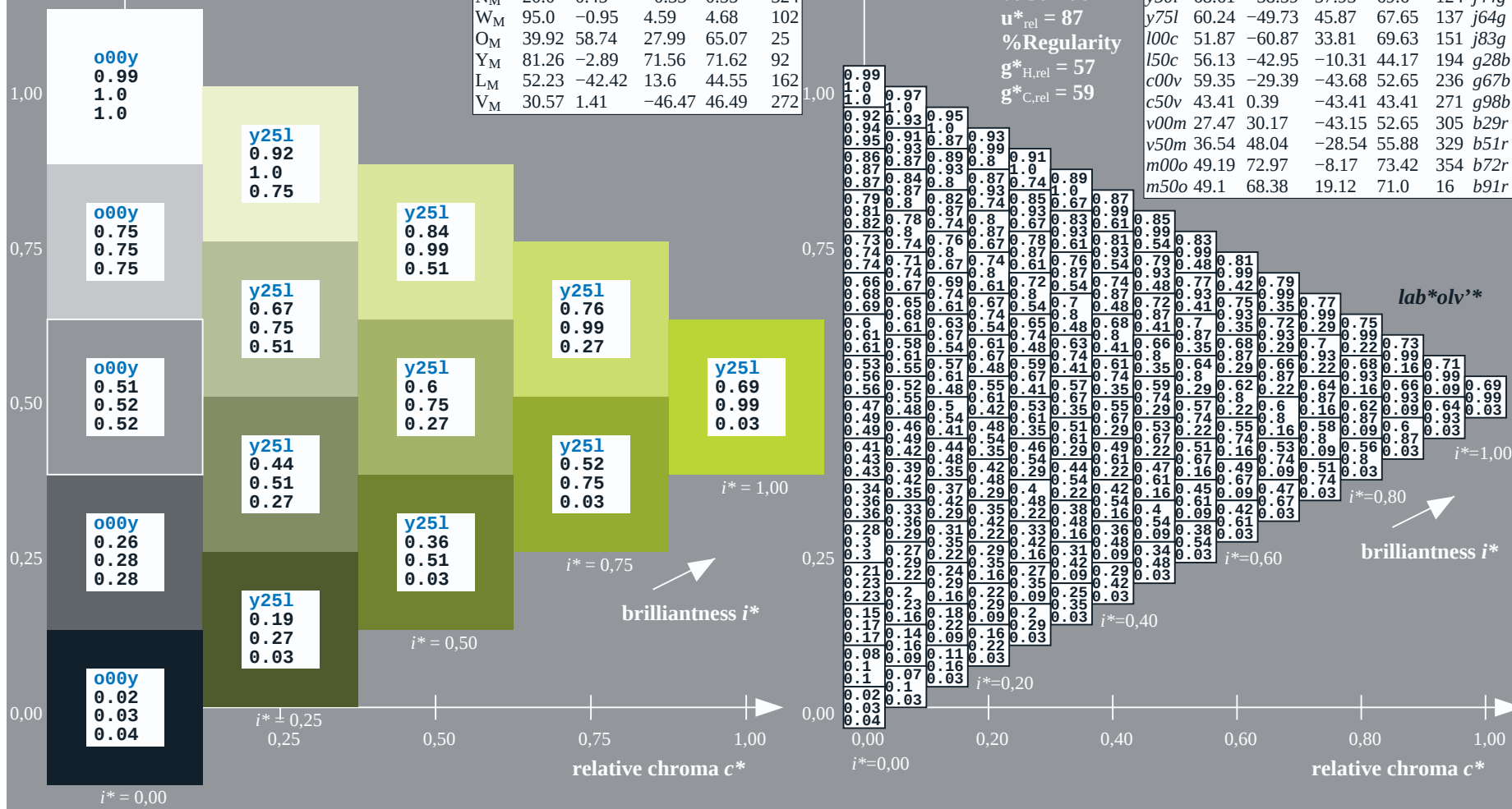
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

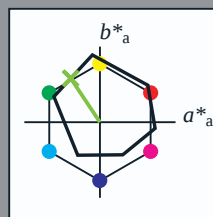
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$

$u^*_d = y25l$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j44g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	49.0	63.28	50.46	80.94	39
Y _M	90.12	-10.81	93.19	93.81	97
L _M	51.87	-61.02	35.57	70.63	150
C _M	59.35	-29.68	-41.42	50.96	234
V _M	27.47	30.47	-42.98	52.69	305
M _M	49.19	72.87	-6.59	73.17	355
N _M	20.0	0.45	-0.33	0.55	324
W _M	95.0	-0.95	4.59	4.68	102
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):

$LAB^*LAB^*_{Ma}$: 69 -39 58

$LAB^*LCH^*_{Ma}$: 69 70 123

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

$lab^*rgb^*_{Ma}$: 0.55 1.0 0.0

triangle lightness t^*

% Gamut

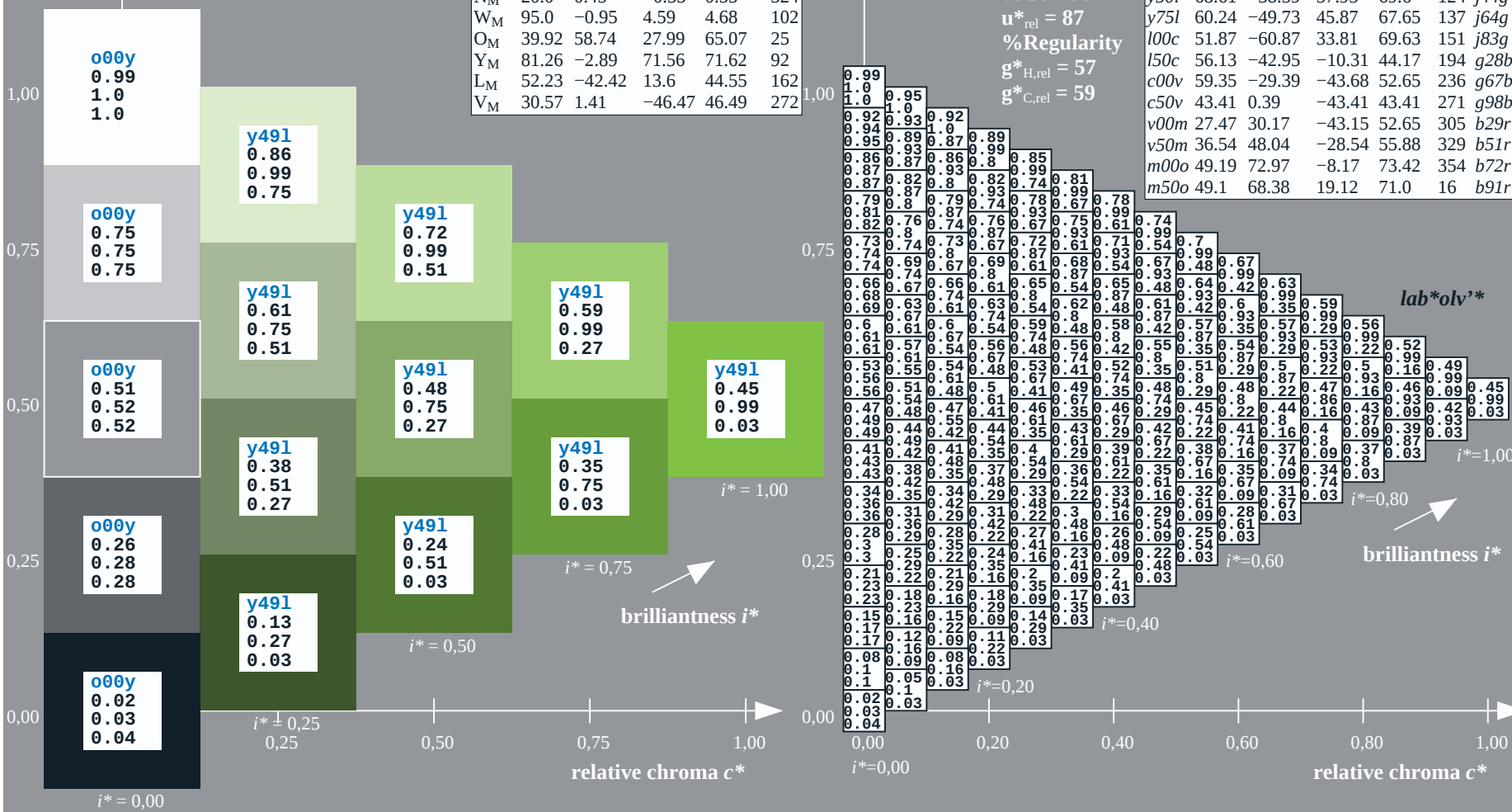
$u^*_{rel} = 87$

% Regularity

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

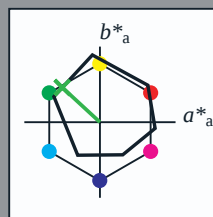
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	$u^*_d = y50l$ $lab^*olv^*_{lab^*olv^*}$	
o00y	49.0	63.38	48.88	80.04	38	r18j		
o25y	59.11	45.34	58.73	74.2	52	r40j		
o50y	68.41	28.75	67.79	73.63	67	r62j		
o75y	78.21	11.28	77.33	78.15	82	r83j		
y00l	90.12	-9.95	88.92	89.48	96	j06g		
y25l	78.02	-26.06	71.49	76.09	110	j25g		
y50l	68.61	-38.59	57.93	69.6	124	j44g		
y75l	60.24	-49.73	45.87	67.65	137	j64g		
l00c	51.87	-60.87	33.81	69.63	151	j83g		
l50c	56.13	-42.95	-10.31	44.17	194	g28b		
c00v	59.35	-29.39	-43.68	52.65	236	g67b		
c50v	43.41	0.39	-43.41	43.41	271	g98b		
v00m	27.47	30.17	-43.15	52.65	305	b29r		
v50m	36.54	48.04	-28.54	55.88	329	b51r		
m00o	49.19	72.97	-8.17	73.42	354	b72r		
m50o	49.1	68.38	19.12	71.0	16	b91r		



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y75l$ $u^*_e = j64g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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):

$LAB^*LAB^*_{Ma}$: 60 -50 46

$LAB^*LCH^*_{Ma}$: 60 68 137

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

$lab^*rgb^*_{Ma}$: 0.36 1.0 0.0

triangle lightness t^*

% Gamut

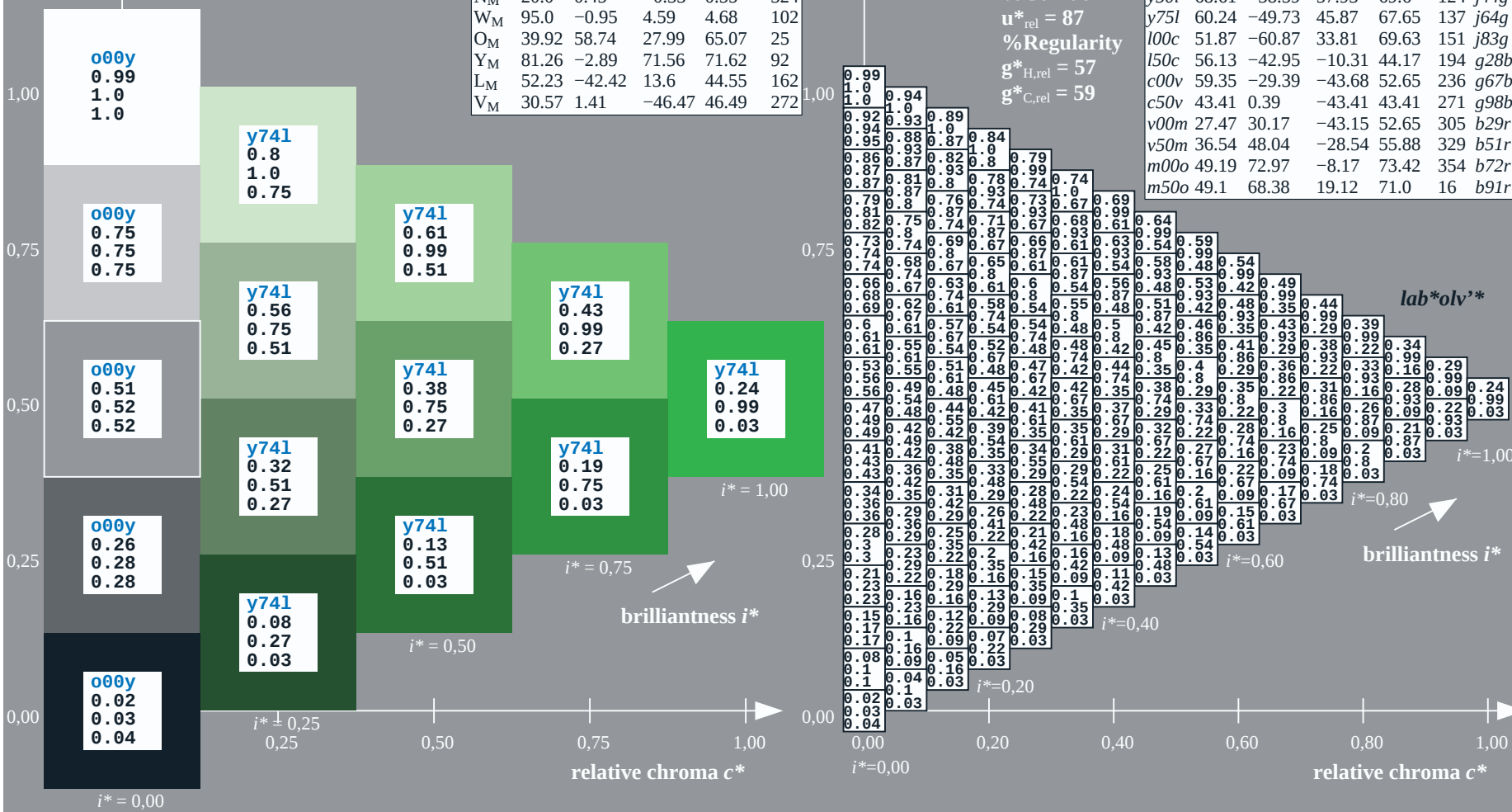
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

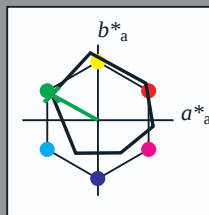
Hue texts:

$u^*_d = 100c$ $u^*_e = j83g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data

	u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 -61 34

$LAB^*LCH^*_{Ma}$: 52 70 150

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$	
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$	
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$	
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$	
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$	
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$	
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$	
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$	
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$	
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$	
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$	
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$	
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$	
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$	
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$	
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$	

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

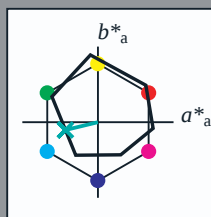
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g28b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 -10

$LAB^*LCH^*_{Ma}$: 56 44 193

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	49.0	63.38	48.88	80.04	38	r18j			
o25y	59.11	45.34	58.73	74.2	52	r40j			
o50y	68.41	28.75	67.79	73.63	67	r62j			
o75y	78.21	11.28	77.33	78.15	82	r83j			
y00l	90.12	-9.95	88.92	89.48	96	j06g			
y25l	78.02	-26.06	71.49	76.09	110	j25g			
y50l	68.61	-38.59	57.93	69.6	124	j44g			
y75l	60.24	-49.73	45.87	67.65	137	j64g			
l00c	51.87	-60.87	33.81	69.63	151	j83g			
l50c	56.13	-42.95	-10.31	44.17	194	g28b			
c00v	59.35	-29.39	-43.68	52.65	236	g67b			
c50v	43.41	0.39	-43.41	43.41	271	g98b			
v00m	27.47	30.17	-43.15	52.65	305	b29r			
v50m	36.54	48.04	-28.54	55.88	329	b51r			
m00o	49.19	72.97	-8.17	73.42	354	b72r			
m50o	49.1	68.38	19.12	71.0	16	b91r			

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

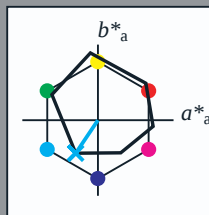
Hue texts:

$u^*_d = c00v$ $u^*_e = g67b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	-10.81	93.19	93.81	97
L_M	51.87	-61.02	35.57	70.63	150
C_M	59.35	-29.68	-41.42	50.96	234
V_M	27.47	30.47	-42.98	52.69	305
M_M	49.19	72.87	-6.59	73.17	355
N_M	20.0	0.45	-0.33	0.55	324
W_M	95.0	-0.95	4.59	4.68	102
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 -29 -44

$LAB^*LCH^*_{Ma}$: 59 53 236

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

$lab^*rgb^*_{Ma}$: 0.0 0.65 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

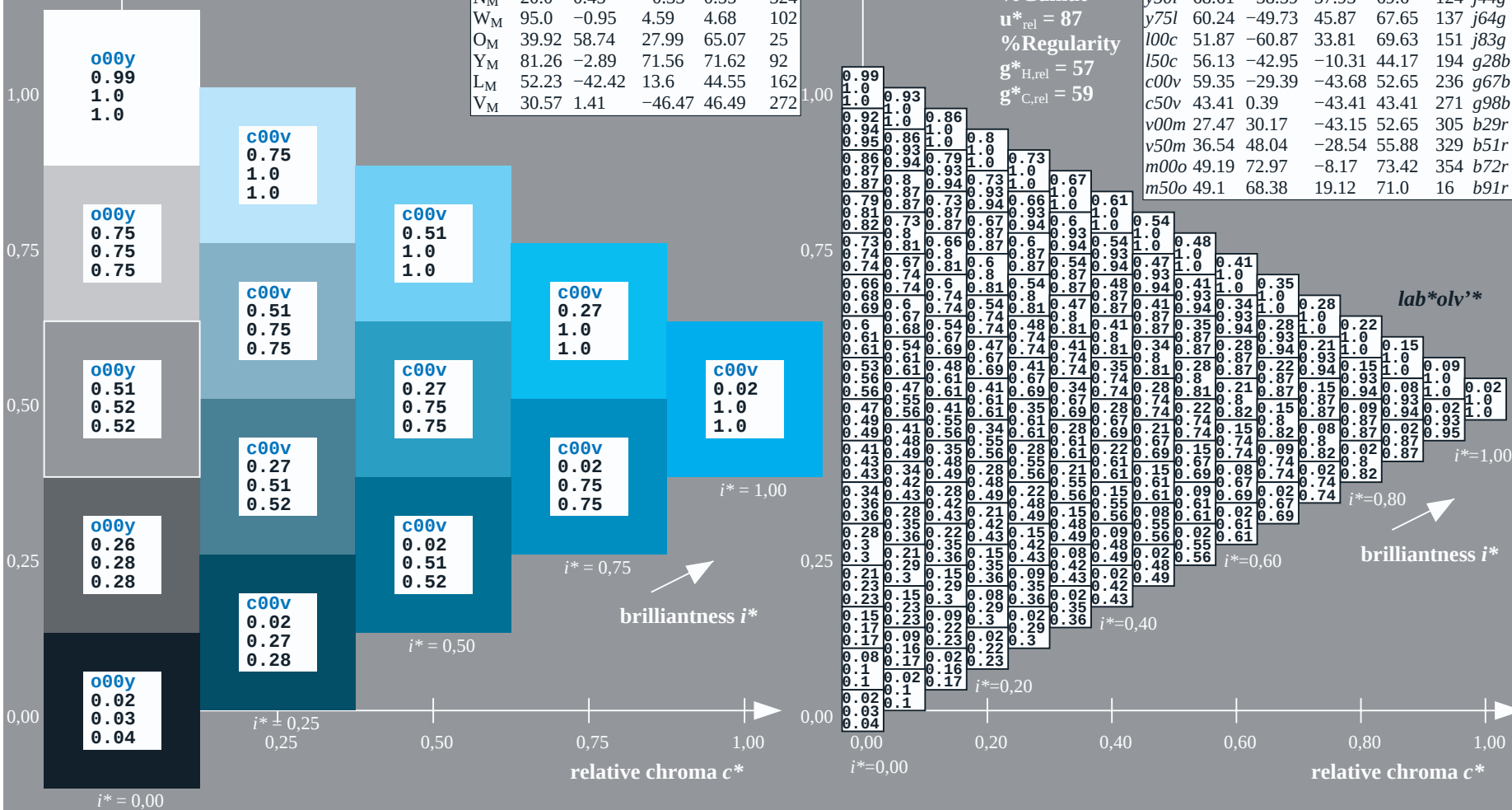
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$

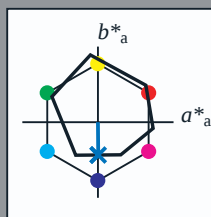
$u^*_d = c00v$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = c50v$ $u^*_e = g98b$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 0 -43

$LAB^*LCH^*_{Ma}$: 43 43 270

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

$lab^*rgb^*_{Ma}$: 0.0 0.02 1.0

triangle lightness t^*

% Gamut

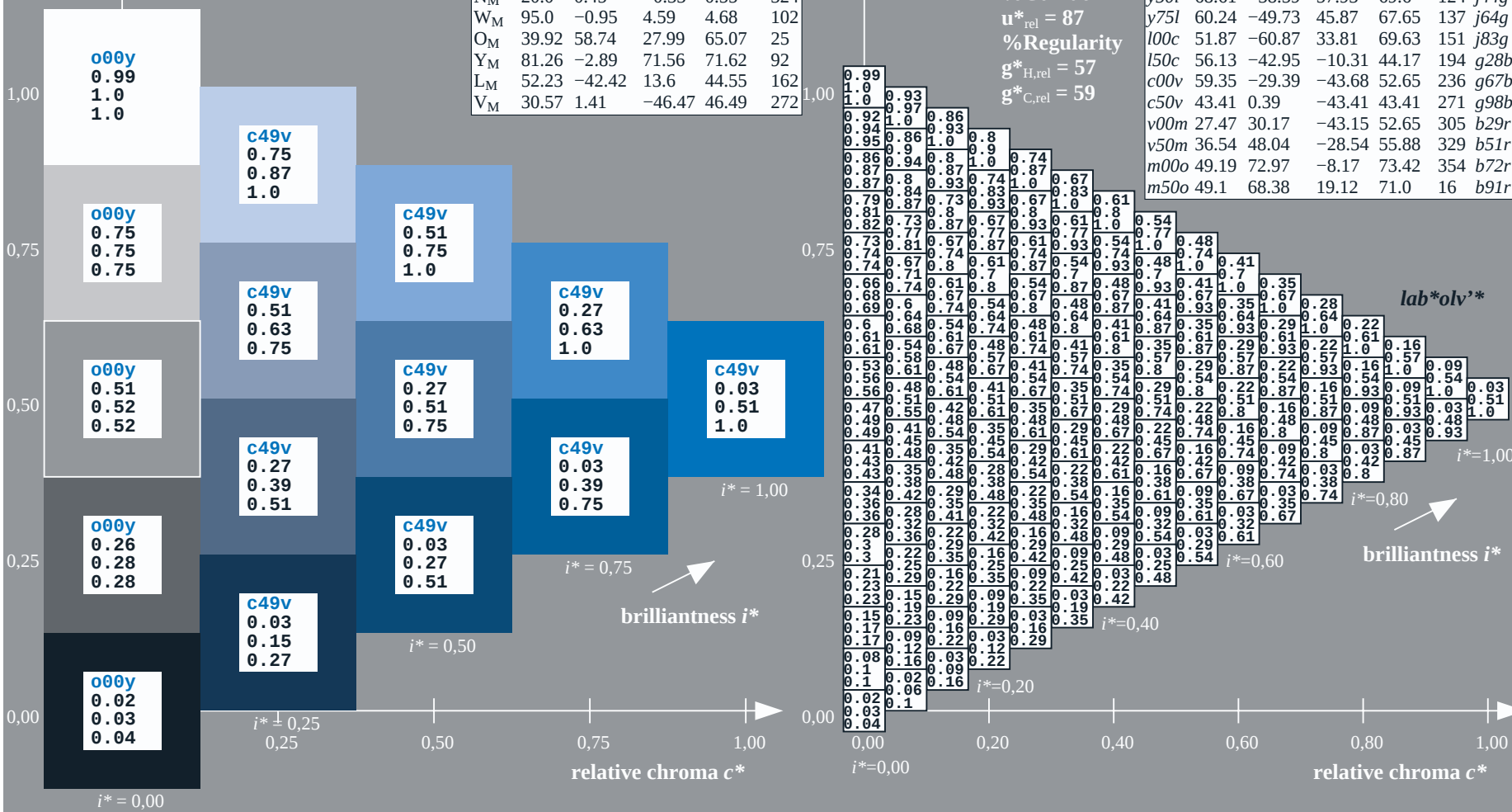
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$

data for any colour:

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

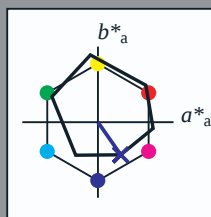
Hue texts:

$u^*_d = v00m$ $u^*_e = b29r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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):

$LAB^*LAB^*_{Ma}$: 27 30 -43

$LAB^*LCH^*_{Ma}$: 27 53 304

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$

data for any colour:

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

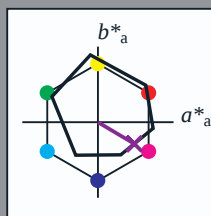
Hue texts:

$u^*_d = v50m$ $u^*_e = b51r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 48 -29

$LAB^*LCH^*_{Ma}$: 37 56 329

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

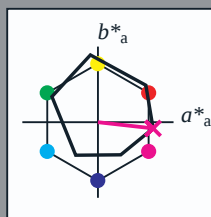
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m00o$ $u^*_e = b72r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 73 -8

$LAB^*LCH^*_{Ma}$: 49 73 353

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.56

triangle lightness t^*

% Gamut

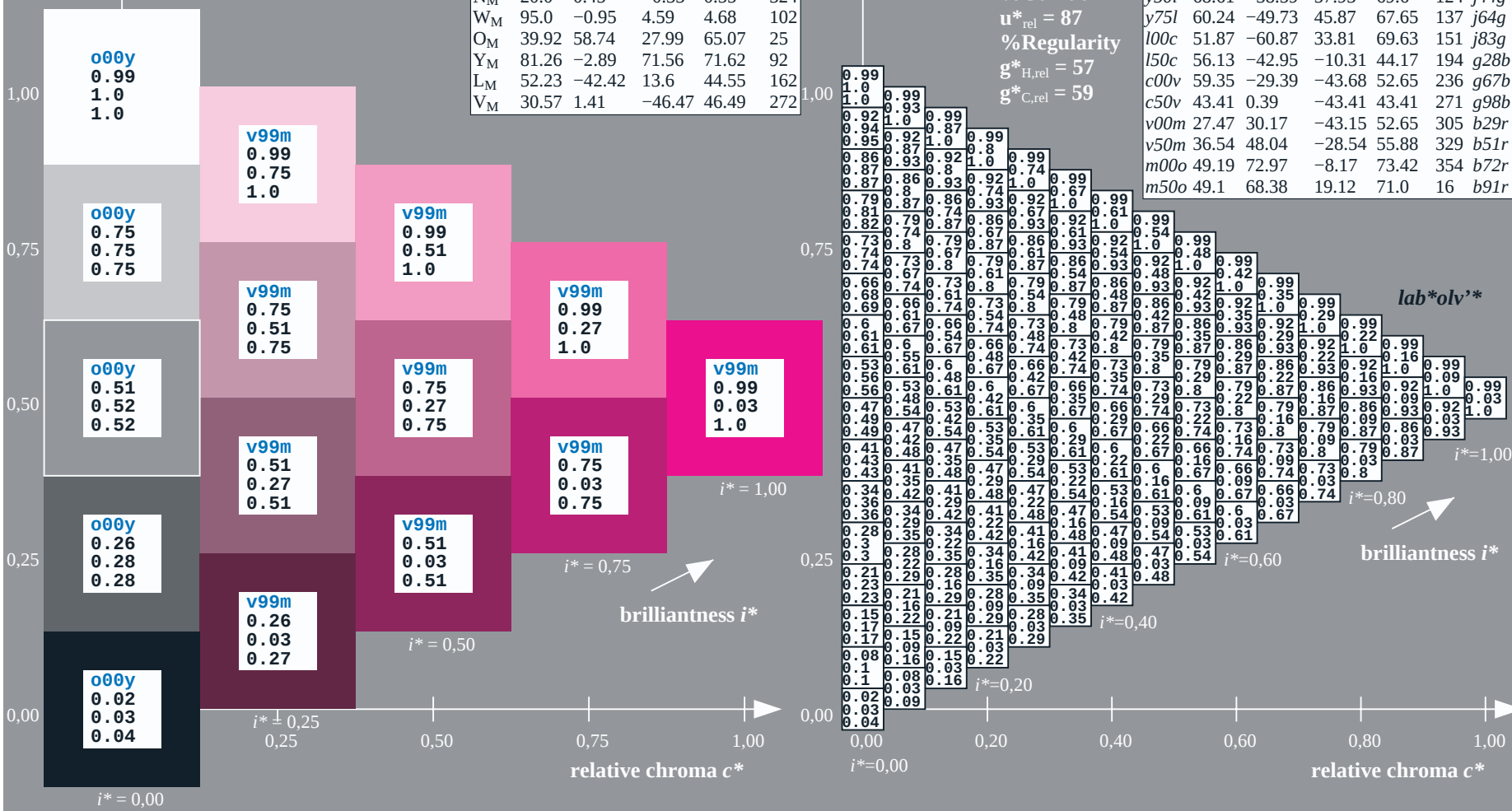
$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	49.0	63.38	48.88	80.04	38	r18j			
o25y	59.11	45.34	58.73	74.2	52	r40j			
o50y	68.41	28.75	67.79	73.63	67	r62j			
o75y	78.21	11.28	77.33	78.15	82	r83j			
y00l	90.12	-9.95	88.92	89.48	96	j06g			
y25l	78.02	-26.06	71.49	76.09	110	j25g			
y50l	68.61	-38.59	57.93	69.6	124	j44g			
y75l	60.24	-49.73	45.87	67.65	137	j64g			
l00c	51.87	-60.87	33.81	69.63	151	j83g			
l50c	56.13	-42.95	-10.31	44.17	194	g28b			
c00v	59.35	-29.39	-43.68	52.65	236	g67b			
c50v	43.41	0.39	-43.41	43.41	271	g98b			
v00m	27.47	30.17	-43.15	52.65	305	b29r			
v50m	36.54	48.04	-28.54	55.88	329	b51r			
m00o	49.19	72.97	-8.17	73.42	354	b72r			
m50o	49.1	68.38	19.12	71.0	16	b91r			



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

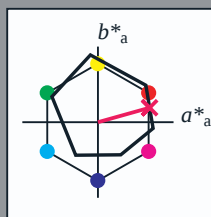
Hue texts:

$u^*_d = m50o$ $u^*_e = b91r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 68 19

$LAB^*LCH^*_{Ma}$: 49 71 15

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.17

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

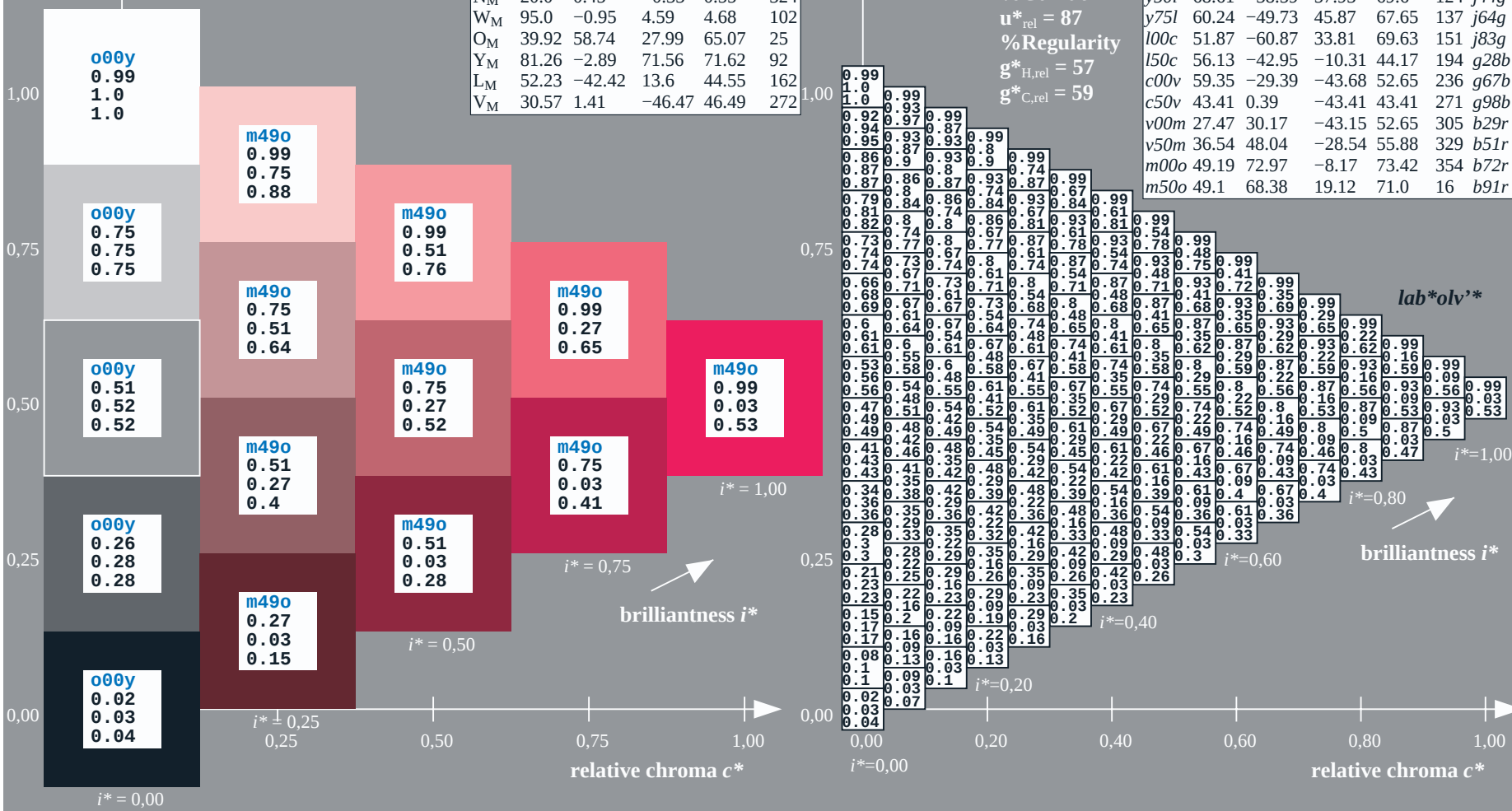
% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			

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



Input and output:

Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

device hue text:

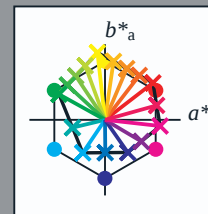
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	49.0	63.38	48.88	80.04	38	<i>r18j</i>
<i>o25y</i>	59.11	45.34	58.73	74.2	52	<i>r40j</i>
<i>o50y</i>	68.41	28.75	67.79	73.63	67	<i>r62j</i>
<i>o75y</i>	78.21	11.28	77.33	78.15	82	<i>r83j</i>
<i>y00l</i>	90.12	-9.95	88.92	89.48	96	<i>j06g</i>
<i>y25l</i>	78.02	-26.06	71.49	76.09	110	<i>j25g</i>
<i>y50l</i>	68.61	-38.59	57.93	69.6	124	<i>j44g</i>
<i>y75l</i>	60.24	-49.73	45.87	67.65	137	<i>j64g</i>
<i>l00c</i>	51.87	-60.87	33.81	69.63	151	<i>j83g</i>
<i>l50c</i>	56.13	-42.95	-10.31	44.17	194	<i>g28b</i>
<i>c00v</i>	59.35	-29.39	-43.68	52.65	236	<i>g67b</i>
<i>c50v</i>	43.41	0.39	-43.41	43.41	271	<i>g98b</i>
<i>v00m</i>	27.47	30.17	-43.15	52.65	305	<i>b29r</i>
<i>v50m</i>	36.54	48.04	-28.54	55.88	329	<i>b51r</i>
<i>m00o</i>	49.19	72.97	-8.17	73.42	354	<i>b72r</i>
<i>m50o</i>	49.1	68.38	19.12	71.0	16	<i>b91r</i>



%Gamut

$u^*_{rel} = 87$

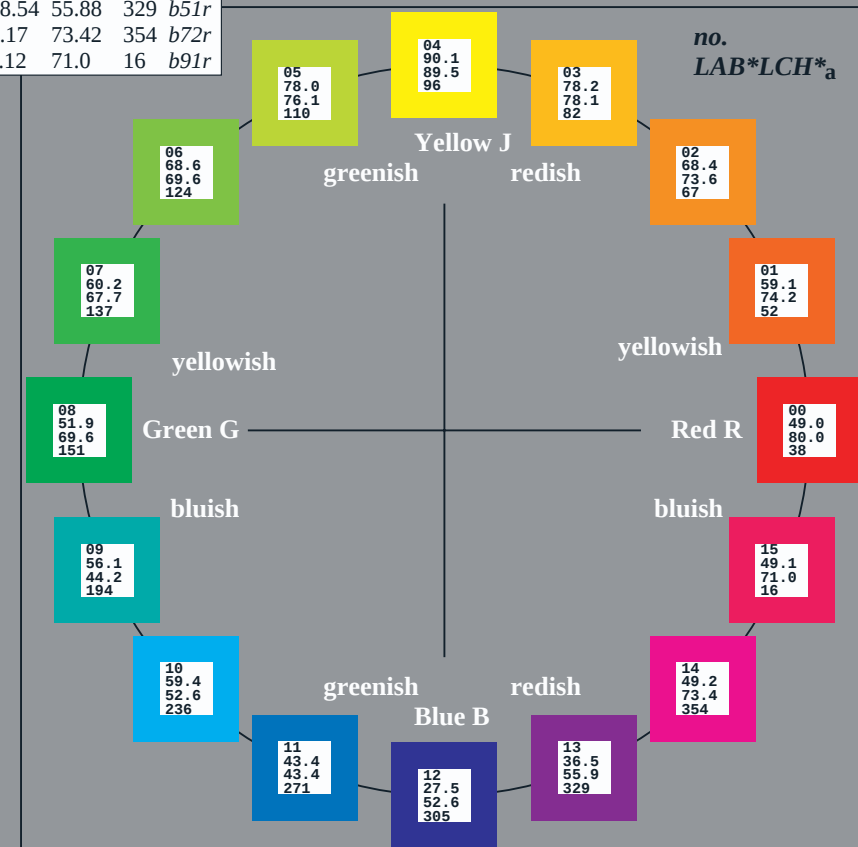
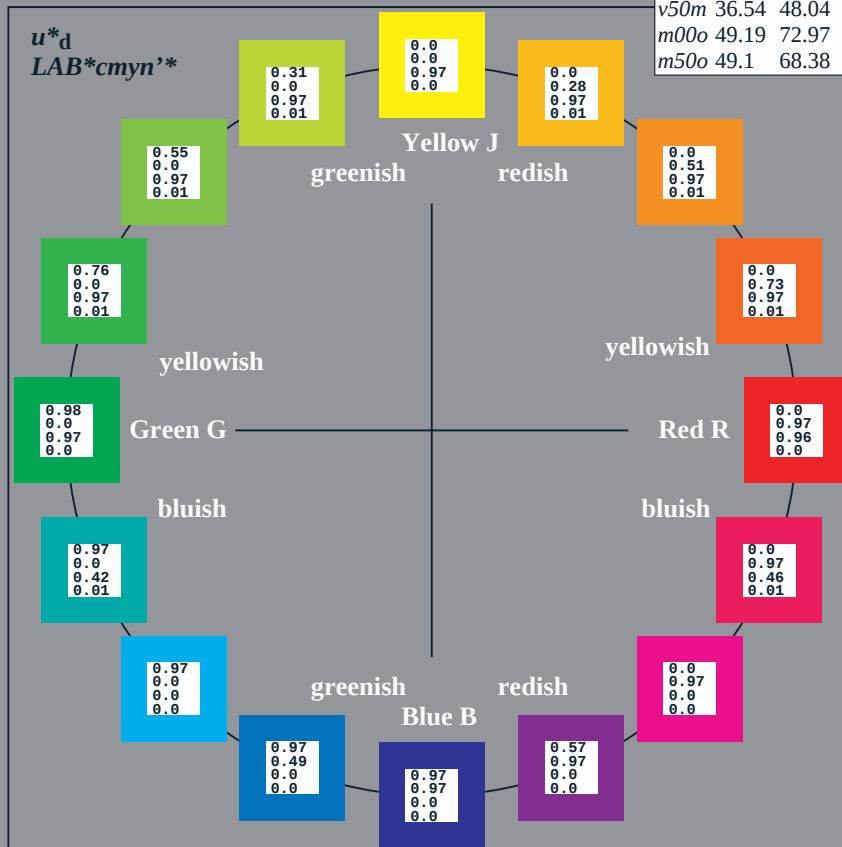
%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
<i>O_M</i>	49.0	63.28	50.46	80.94	39
<i>Y_M</i>	90.12	-10.81	93.19	93.81	97
<i>L_M</i>	51.87	-61.02	35.57	70.63	150
<i>C_M</i>	59.35	-29.68	-41.42	50.96	234
<i>V_M</i>	27.47	30.47	-42.98	52.69	305
<i>M_M</i>	49.19	72.87	-6.59	73.17	355
<i>N_M</i>	20.0	0.45	-0.33	0.55	324
<i>W_M</i>	95.0	-0.95	4.59	4.68	102
<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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

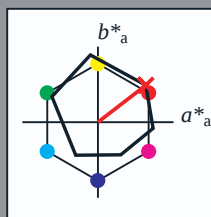
Hue texts:

$u^*_d = o00y$ $u^*_e = r18j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 49

$LAB^*LCH^*_{Ma}$: 49 80 37

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

$lab^*rgb^*_{Ma}$: 1.0 0.18 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$	
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$	
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$	
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$	
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$	
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$	
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$	
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$	
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$	
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$	
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$	
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$	
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$	
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$	
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$	
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$	

$LAB^*cmy^n^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

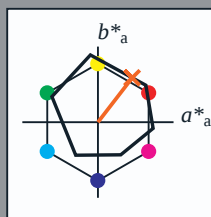
See for similar files: <http://www.ps.bam.de/Ee65/>; www.ps.bam.de/Ee65/10L/L65E00FP.PS/ .PDF
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=1

BAM registration: 20081001-Ee65/10L/L65E00FP.PS/ .PDF BAM material: code=rhdata
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 59

$LAB^*LCH^*_{Ma}$: 59 74 52

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

$lab^*rgb^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			

$LAB^*cmy^n^*$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

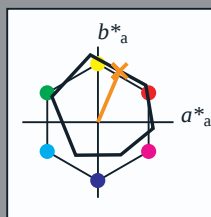
$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = o50y$ $u^*_e = r62j$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 68

$LAB^*LCH^*_{Ma}$: 68 74 67

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

$u^*_d = o50y$
 LAB^*cmyn^*

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$	
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$	
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$	
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$	
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$	
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$	
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$	
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$	
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$	
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$	
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$	
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$	
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$	
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$	
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$	
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$	

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

See for similar files: <http://www.ps.bam.de/Ee65/>; www.ps.bam.de/Ee65/10L/L65E00FP.PS/.PDF
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=1

BAM registration: 20081001-Ee65/10L/L65E00FP.PS/.PDF BAM material: code=rhdata
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$
data for any colour:

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

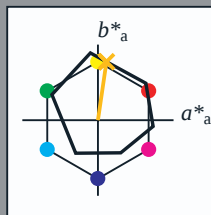
Hue texts:

$u^*_d = o75y$ $u^*_e = r83j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	-10.81	93.19	93.81	97
L_M	51.87	-61.02	35.57	70.63	150
C_M	59.35	-29.68	-41.42	50.96	234
V_M	27.47	30.47	-42.98	52.69	305
M_M	49.19	72.87	-6.59	73.17	355
N_M	20.0	0.45	-0.33	0.55	324
W_M	95.0	-0.95	4.59	4.68	102
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):

$LAB^*LAB^*_{Ma}$: 78 11 77

$LAB^*LCH^*_{Ma}$: 78 78 81

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

$lab^*rgb^*_{Ma}$: 1.0 0.84 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

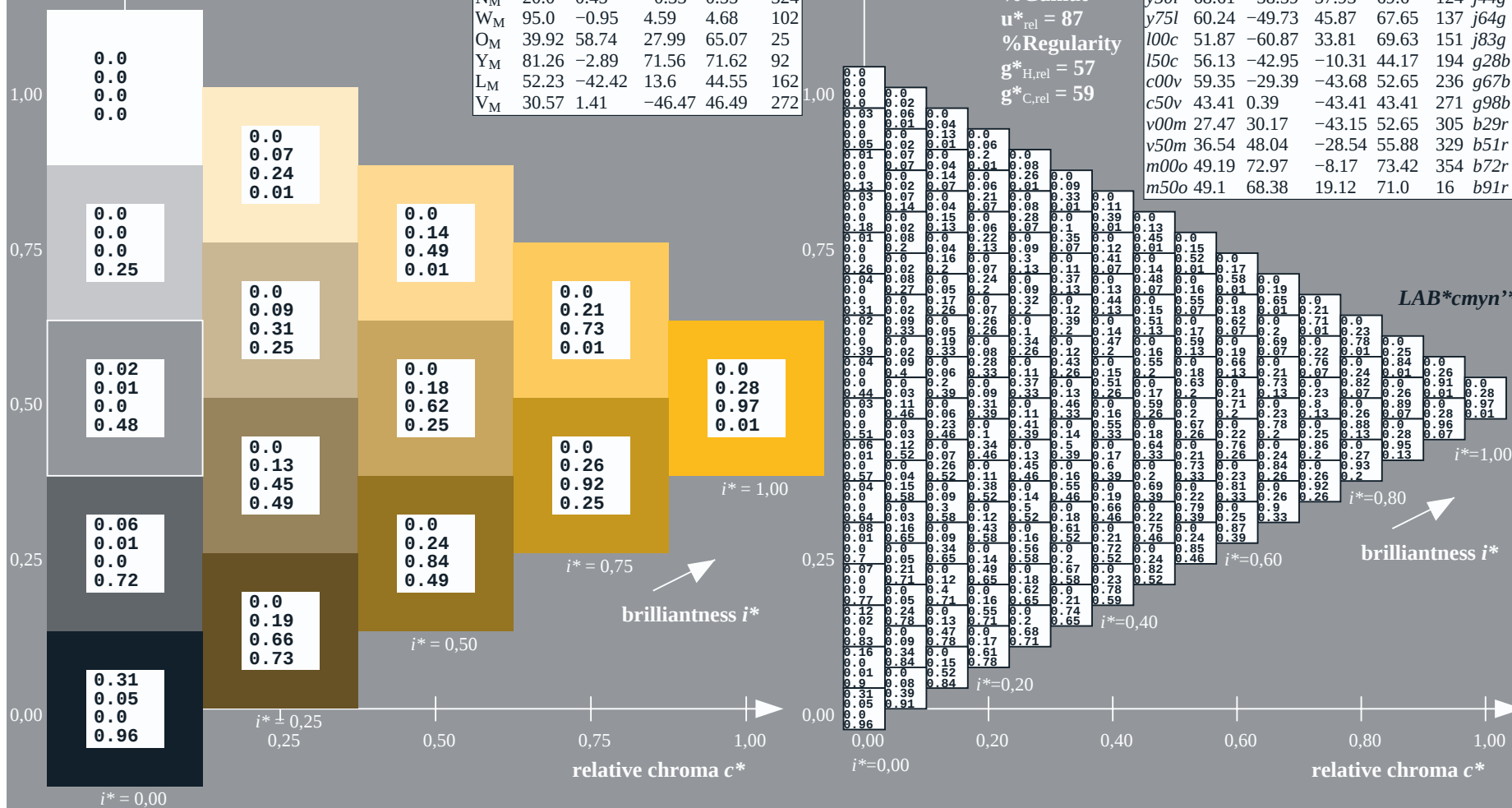
$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

$u^*_d = o75y$
 $LAB^*cmy^n^*$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

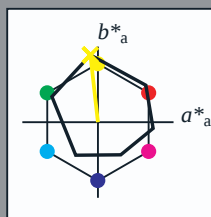
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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):

$LAB^*LAB^*_{Ma}$: 90 -10 89

$LAB^*LCH^*_{Ma}$: 90 89 96

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

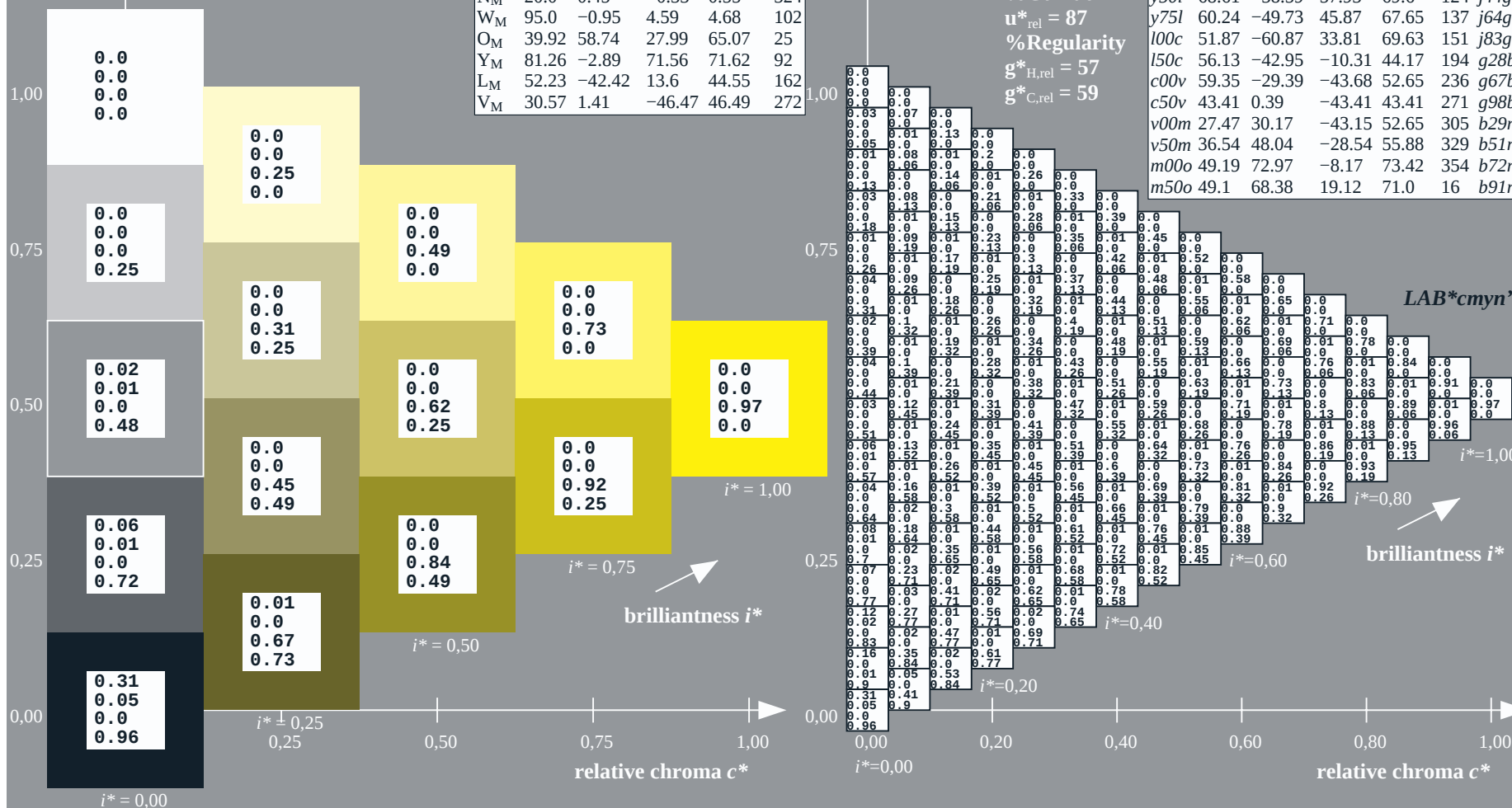
% Regularity

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

$g^*_{C,rel} = 59$

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

ORS20_95aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$	
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$	
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$	
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$	
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$	
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$	
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$	
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$	
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$	
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$	
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$	
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$	
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$	
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$	
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$	
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$	



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

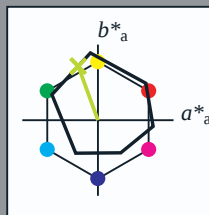
Hue texts:

$u^*_d = y25l$ $u^*_e = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	49.0	63.28	50.46	80.94	39
Y _M	90.12	-10.81	93.19	93.81	97
L _M	51.87	-61.02	35.57	70.63	150
C _M	59.35	-29.68	-41.42	50.96	234
V _M	27.47	30.47	-42.98	52.69	305
M _M	49.19	72.87	-6.59	73.17	355
N _M	20.0	0.45	-0.33	0.55	324
W _M	95.0	-0.95	4.59	4.68	102
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):

$LAB^*LAB^*_{Ma}$: 78 -26 71

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

$u^*_d = y25l$
 LAB^*cmyn^*

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	57.93	69.6	124	j44g
y75l	60.24	-49.73	45.87	67.65	137	j64g
l00c	51.87	-60.87	33.81	69.63	151	j83g
l50c	56.13	-42.95	-10.31	44.17	194	g28b
c00v	59.35	-29.39	-43.68	52.65	236	g67b
c50v	43.41	0.39	-43.41	43.41	271	g98b
v00m	27.47	30.17	-43.15	52.65	305	b29r
v50m	36.54	48.04	-28.54	55.88	329	b51r
m00o	49.19	72.97	-8.17	73.42	354	b72r
m50o	49.1	68.38	19.12	71.0	16	b91r

LAB^*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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

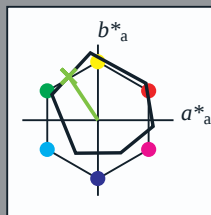
Hue texts:

$u^*_d = y50l$ $u^*_e = j44g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	-10.81	93.19	93.81	97
L_M	51.87	-61.02	35.57	70.63	150
C_M	59.35	-29.68	-41.42	50.96	234
V_M	27.47	30.47	-42.98	52.69	305
M_M	49.19	72.87	-6.59	73.17	355
N_M	20.0	0.45	-0.33	0.55	324
W_M	95.0	-0.95	4.59	4.68	102
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):

$LAB^*LAB^*_{Ma}$: 69 -39 58

$LAB^*LCH^*_{Ma}$: 69 70 123

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

$lab^*rgb^*_{Ma}$: 0.55 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

$u^*_d = y50l$
 $LAB^*cmy^n^*$

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$

$LAB^*cmy^n^*$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

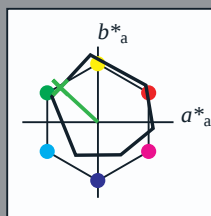
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y75l$ $u^*_e = j64g$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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):

$LAB^*LAB^*_{Ma}$: 60 -50 46

$LAB^*LCH^*_{Ma}$: 60 68 137

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

$lab^*rgb^*_{Ma}$: 0.36 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

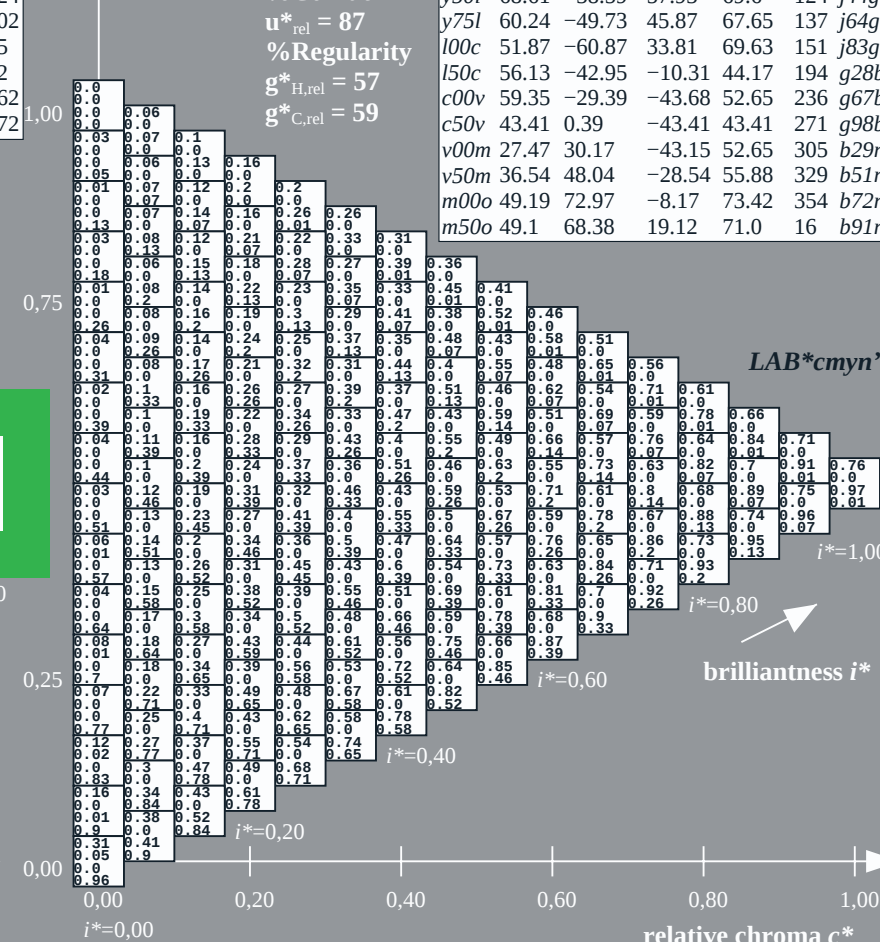
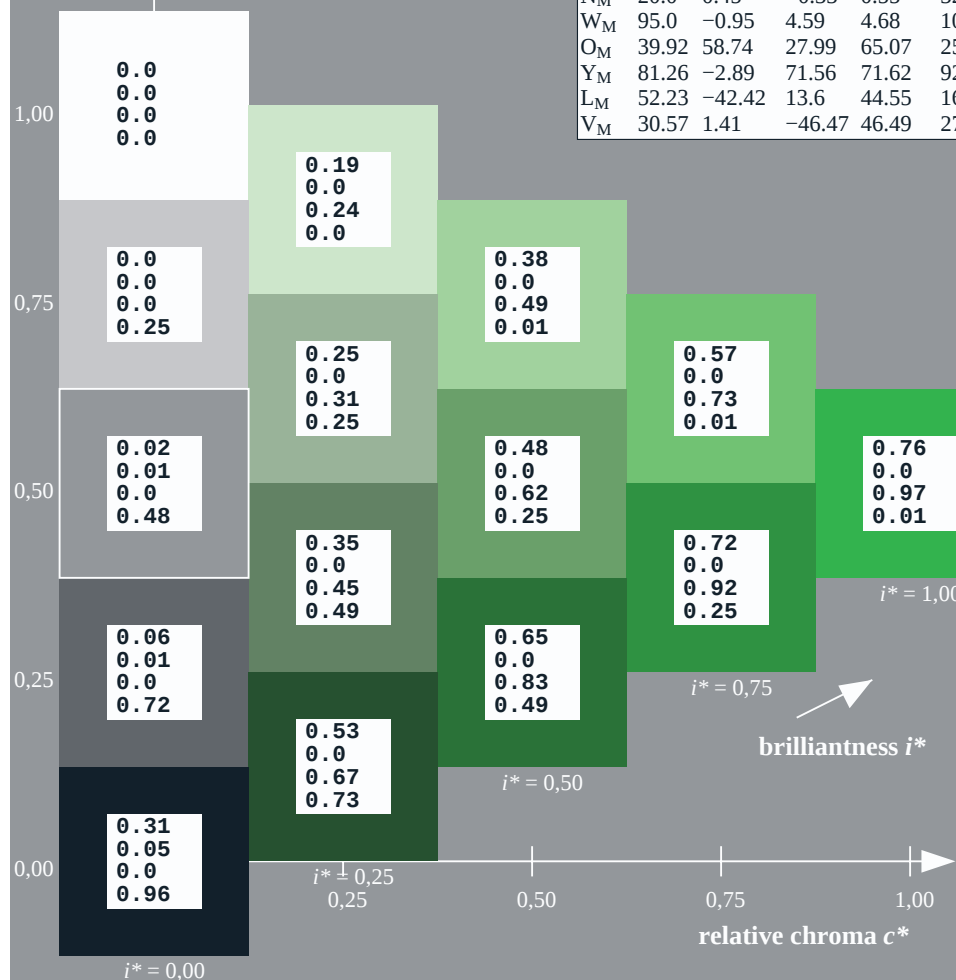
%Regularity

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

$g^*_{C,rel} = 59$

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

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

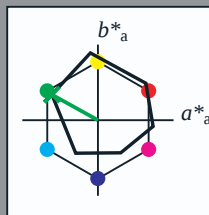
Hue texts:

$u^*_d = 100c$ $u^*_e = j83g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	-10.81	93.19	93.81	97
L_M	51.87	-61.02	35.57	70.63	150
C_M	59.35	-29.68	-41.42	50.96	234
V_M	27.47	30.47	-42.98	52.69	305
M_M	49.19	72.87	-6.59	73.17	355
N_M	20.0	0.45	-0.33	0.55	324
W_M	95.0	-0.95	4.59	4.68	102
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 -61 34

$LAB^*LCH^*_{Ma}$: 52 70 150

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

$u^*_d = 100c$

LAB^*cmyn^*

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$

LAB^*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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$

data for any colour:

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

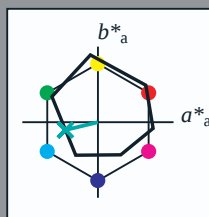
Hue texts:

$u^*_d = 150c$ $u^*_e = g28b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 -10

$LAB^*LCH^*_{Ma}$: 56 44 193

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

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			

$LAB^*cmy^n^*$

$i^* = 1.00$

brilliantness i^*

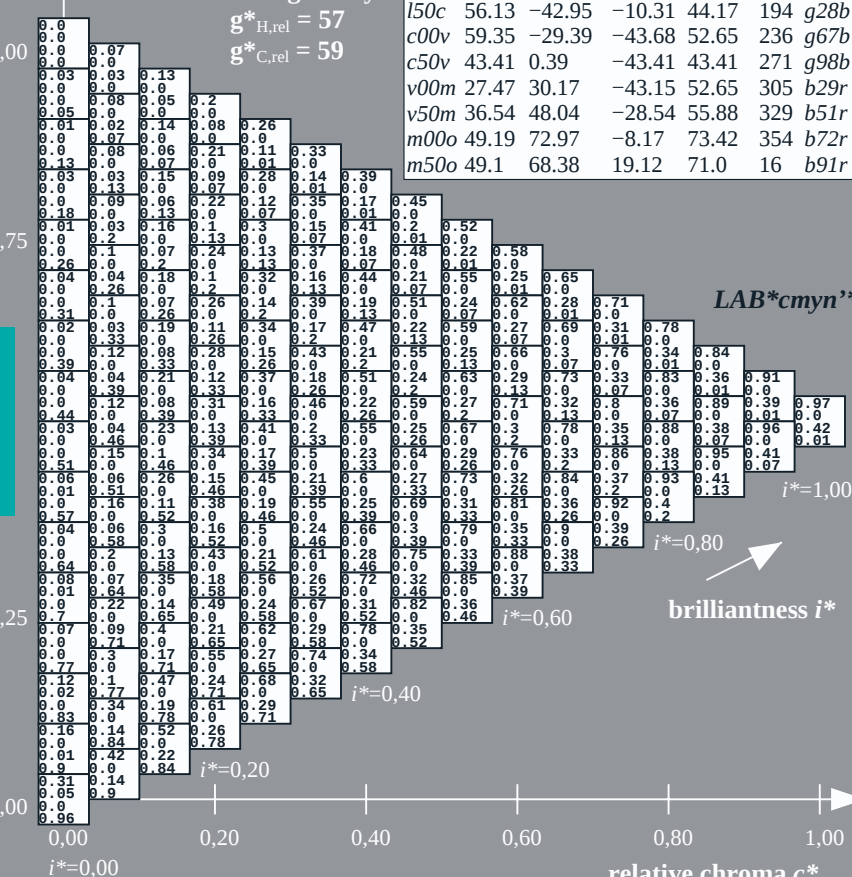
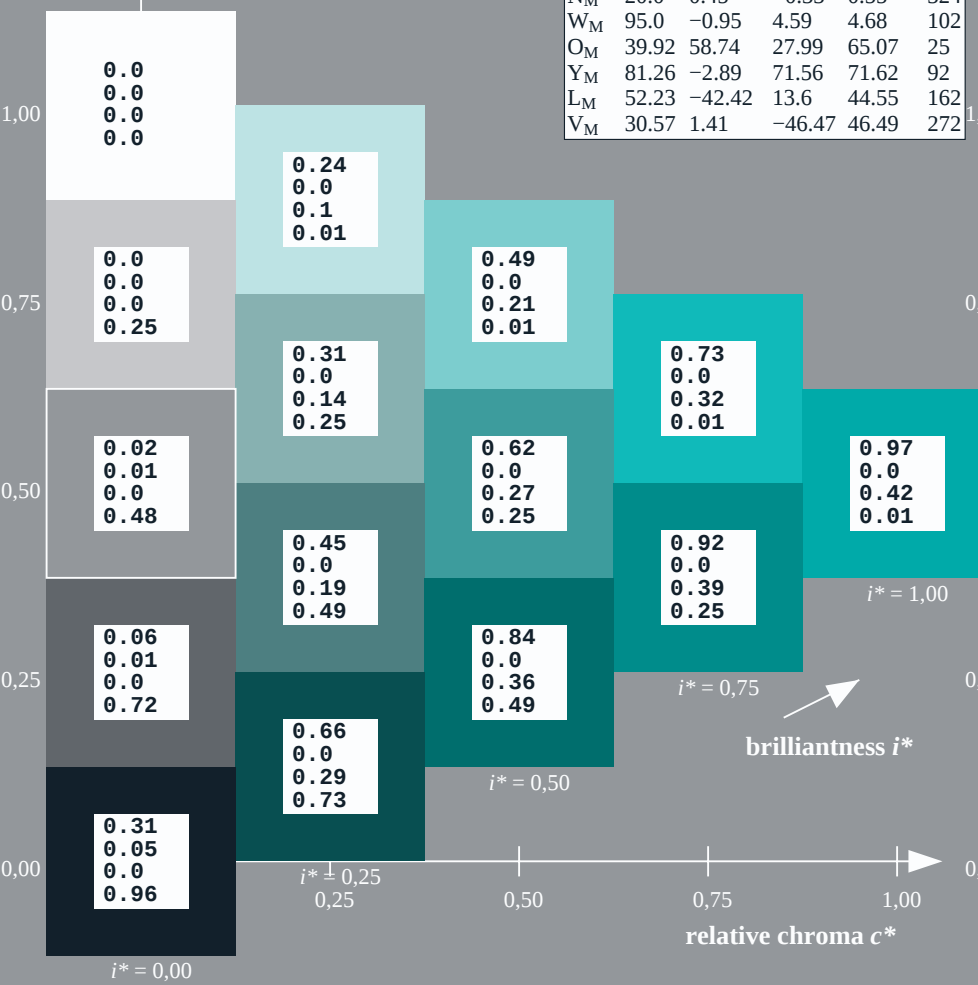
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

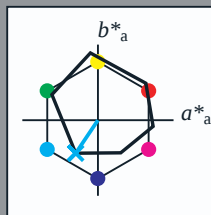
Hue texts:

$u^*_d = c00v$ $u^*_e = g67b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	-10.81	93.19	93.81	97
L_M	51.87	-61.02	35.57	70.63	150
C_M	59.35	-29.68	-41.42	50.96	234
V_M	27.47	30.47	-42.98	52.69	305
M_M	49.19	72.87	-6.59	73.17	355
N_M	20.0	0.45	-0.33	0.55	324
W_M	95.0	-0.95	4.59	4.68	102
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 -29 -44

$LAB^*LCH^*_{Ma}$: 59 53 236

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

$lab^*rgb^*_{Ma}$: 0.0 0.65 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

$u^*_d = c00v$

LAB^*cmyn^*

ORS20_95aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$

LAB^*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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

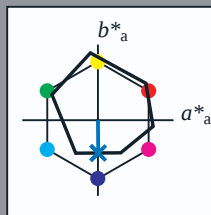
Hue texts:

$u^*_d = c50v$ $u^*_e = g98b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 0 -43

$LAB^*LCH^*_{Ma}$: 43 43 270

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

$lab^*rgb^*_{Ma}$: 0.0 0.02 1.0

triangle lightness t^*

%Gamut

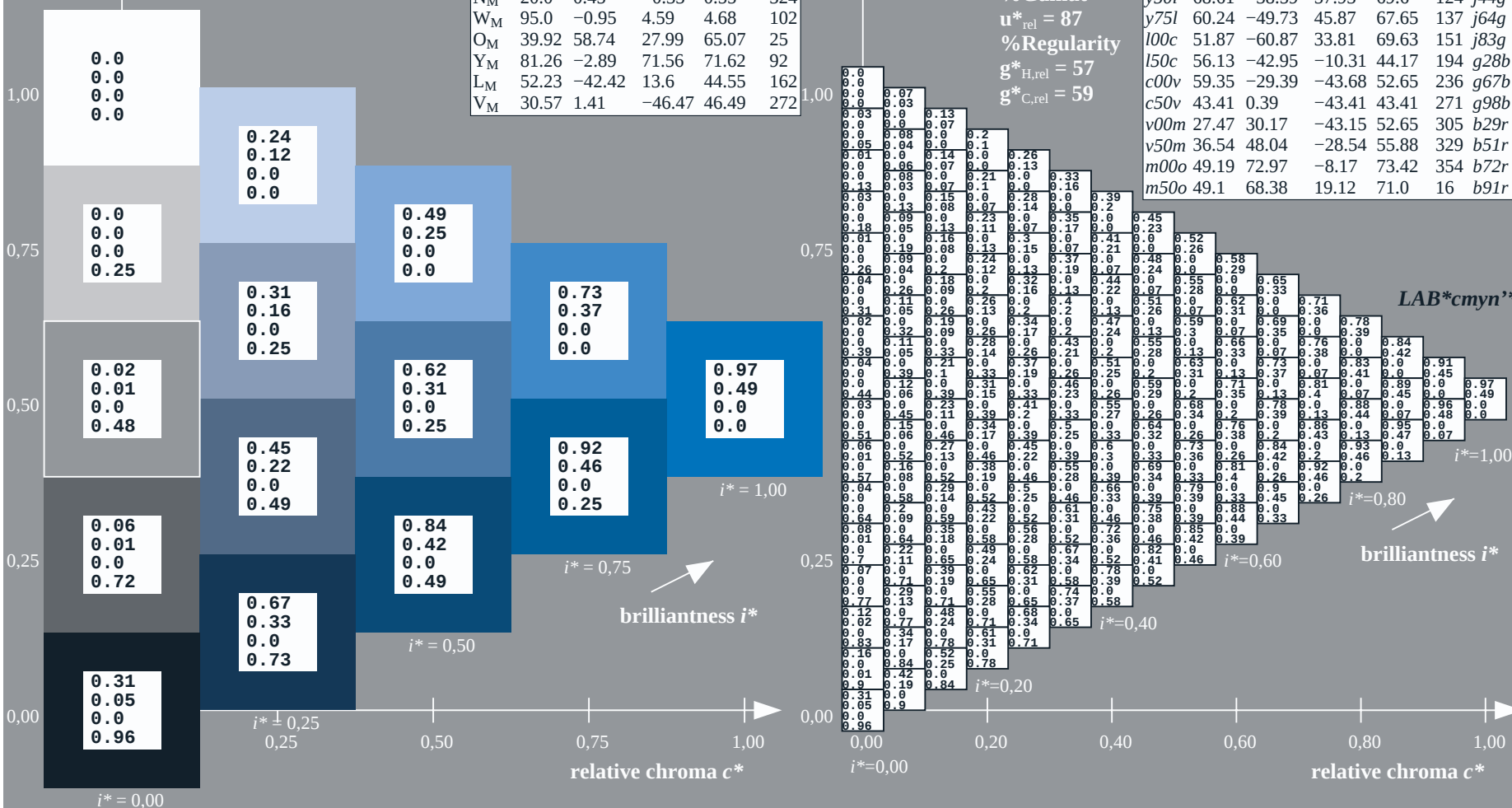
$u^*_{rel} = 87$

%Regularity

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

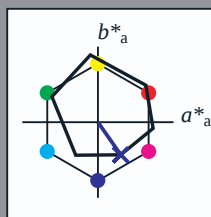
$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b29r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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):

$LAB^*LAB^*_Ma$: 27 30 -43

$LAB^*LCH^*_Ma$: 27 53 304

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

$lab^*rgb^*_Ma$: 0.58 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			

$LAB^*cmy^n^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

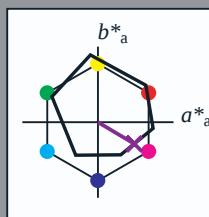
$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = v50m$ $u^*_e = b51r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 48 -29

$LAB^*LCH^*_{Ma}$: 37 56 329

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

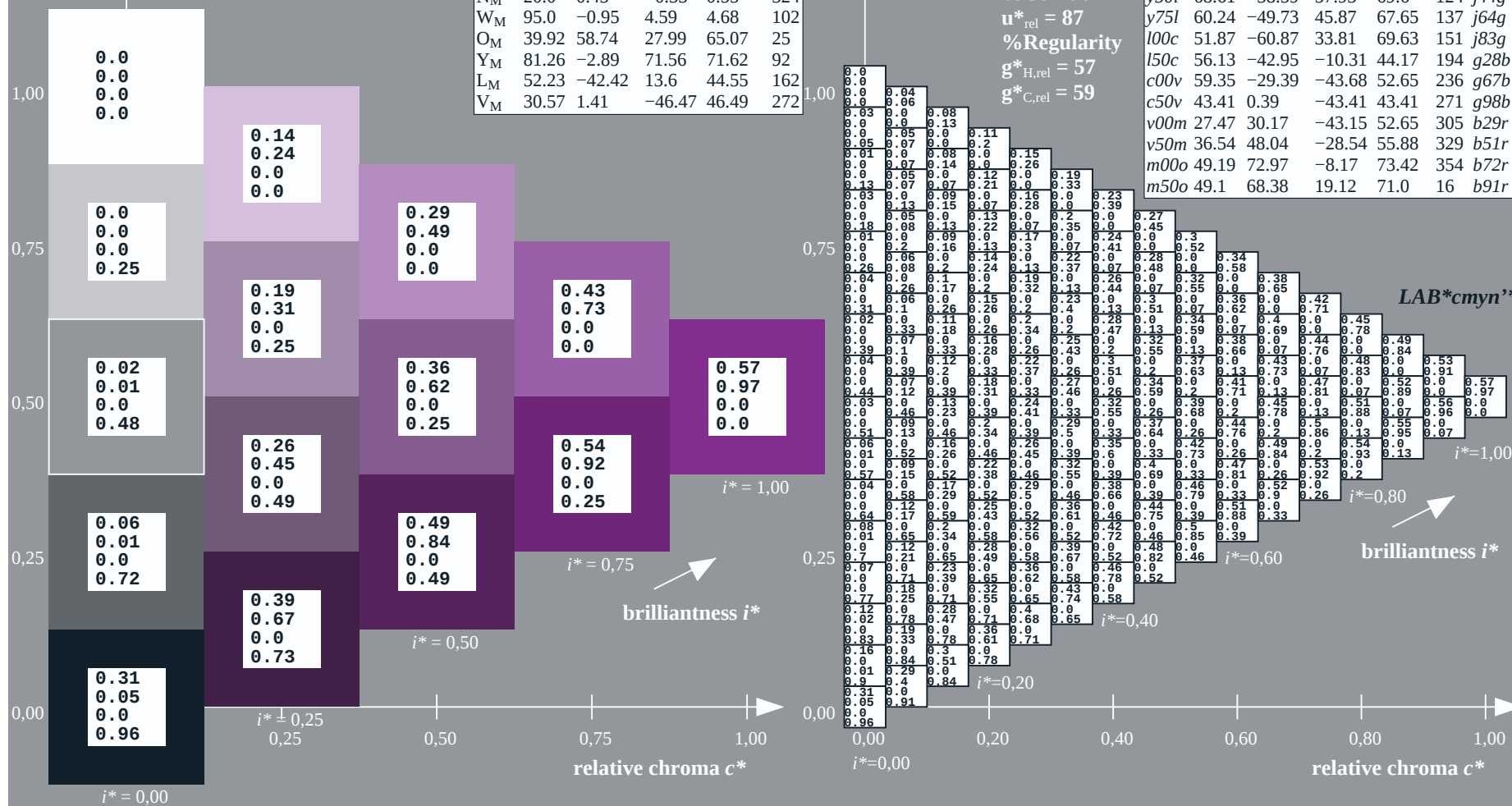
%Regularity

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

$g^*_{C,rel} = 59$

$u^*_d = v50m$
 $LAB^*cmy^n^*$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	49.0	63.38	48.88	80.04	38	r18j			
o25y	59.11	45.34	58.73	74.2	52	r40j			
o50y	68.41	28.75	67.79	73.63	67	r62j			
o75y	78.21	11.28	77.33	78.15	82	r83j			
y00l	90.12	-9.95	88.92	89.48	96	j06g			
y25l	78.02	-26.06	71.49	76.09	110	j25g			
y50l	68.61	-38.59	57.93	69.6	124	j44g			
y75l	60.24	-49.73	45.87	67.65	137	j64g			
l00c	51.87	-60.87	33.81	69.63	151	j83g			
l50c	56.13	-42.95	-10.31	44.17	194	g28b			
c00v	59.35	-29.39	-43.68	52.65	236	g67b			
c50v	43.41	0.39	-43.41	43.41	271	g98b			
v00m	27.47	30.17	-43.15	52.65	305	b29r			
v50m	36.54	48.04	-28.54	55.88	329	b51r			
m00o	49.19	72.97	-8.17	73.42	354	b72r			
m50o	49.1	68.38	19.12	71.0	16	b91r			



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$

data for any colour:

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

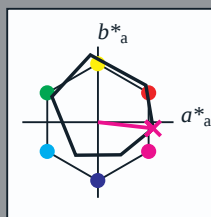
Hue texts:

$u^*_d = m00o$ $u^*_e = b72r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	49.0	63.28	50.46	80.94	39	
Y _M	90.12	-10.81	93.19	93.81	97	
L _M	51.87	-61.02	35.57	70.63	150	
C _M	59.35	-29.68	-41.42	50.96	234	
V _M	27.47	30.47	-42.98	52.69	305	
M _M	49.19	72.87	-6.59	73.17	355	
N _M	20.0	0.45	-0.33	0.55	324	
W _M	95.0	-0.95	4.59	4.68	102	
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 73 -8

LAB^*LCH^*Ma : 49 73 353

lab^*olv^*Ma : 1.0 0.0 1.0

lab^*rgb^*Ma : 1.0 0.0 0.56

triangle lightness t^*

%Gamut

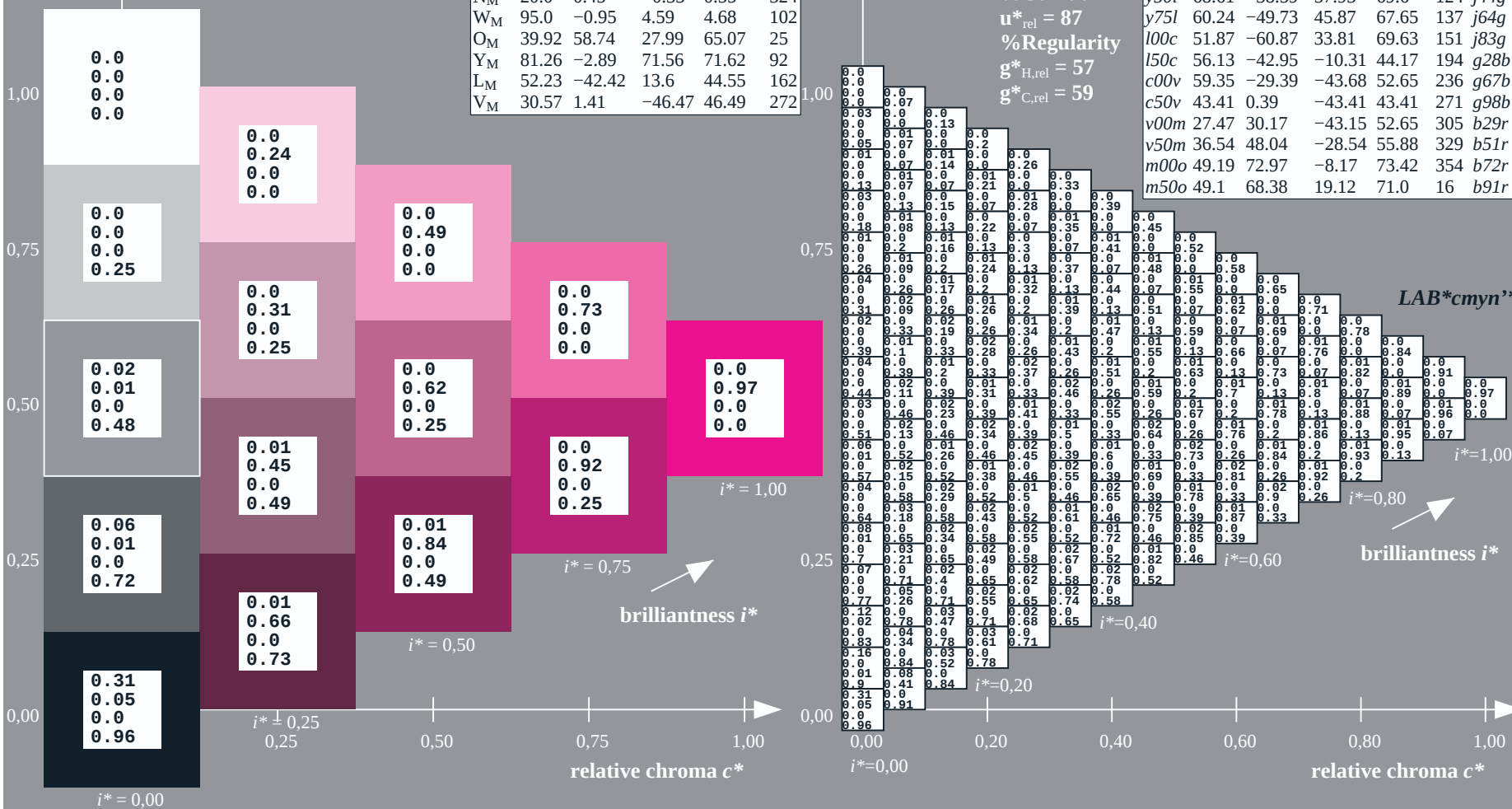
$u^*_{rel} = 87$

%Regularity

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

$g^*_{C,rel} = 59$

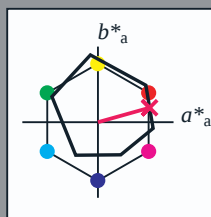
ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
o00y	49.0	63.38	48.88	80.04	38	r18j			
o25y	59.11	45.34	58.73	74.2	52	r40j			
o50y	68.41	28.75	67.79	73.63	67	r62j			
o75y	78.21	11.28	77.33	78.15	82	r83j			
y00l	90.12	-9.95	88.92	89.48	96	j06g			
y25l	78.02	-26.06	71.49	76.09	110	j25g			
y50l	68.61	-38.59	57.93	69.6	124	j44g			
y75l	60.24	-49.73	45.87	67.65	137	j64g			
l00c	51.87	-60.87	33.81	69.63	151	j83g			
l50c	56.13	-42.95	-10.31	44.17	194	g28b			
c00v	59.35	-29.39	-43.68	52.65	236	g67b			
c50v	43.41	0.39	-43.41	43.41	271	g98b			
v00m	27.47	30.17	-43.15	52.65	305	b29r			
v50m	36.54	48.04	-28.54	55.88	329	b51r			
m00o	49.19	72.97	-8.17	73.42	354	b72r			
m50o	49.1	68.38	19.12	71.0	16	b91r			



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_d = m50o$ $u^*_e = b91r$
contrast reduction factor:
 $c_R = 0.97$
triangle lightness t^*



ORS20_95aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	49.0	63.28	50.46	80.94	39	
Y_M	90.12	-10.81	93.19	93.81	97	
L_M	51.87	-61.02	35.57	70.63	150	
C_M	59.35	-29.68	-41.42	50.96	234	
V_M	27.47	30.47	-42.98	52.69	305	
M_M	49.19	72.87	-6.59	73.17	355	
N_M	20.0	0.45	-0.33	0.55	324	
W_M	95.0	-0.95	4.59	4.68	102	
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 68 19

$LAB^*LCH^*_{Ma}$: 49 71 15

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.17

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

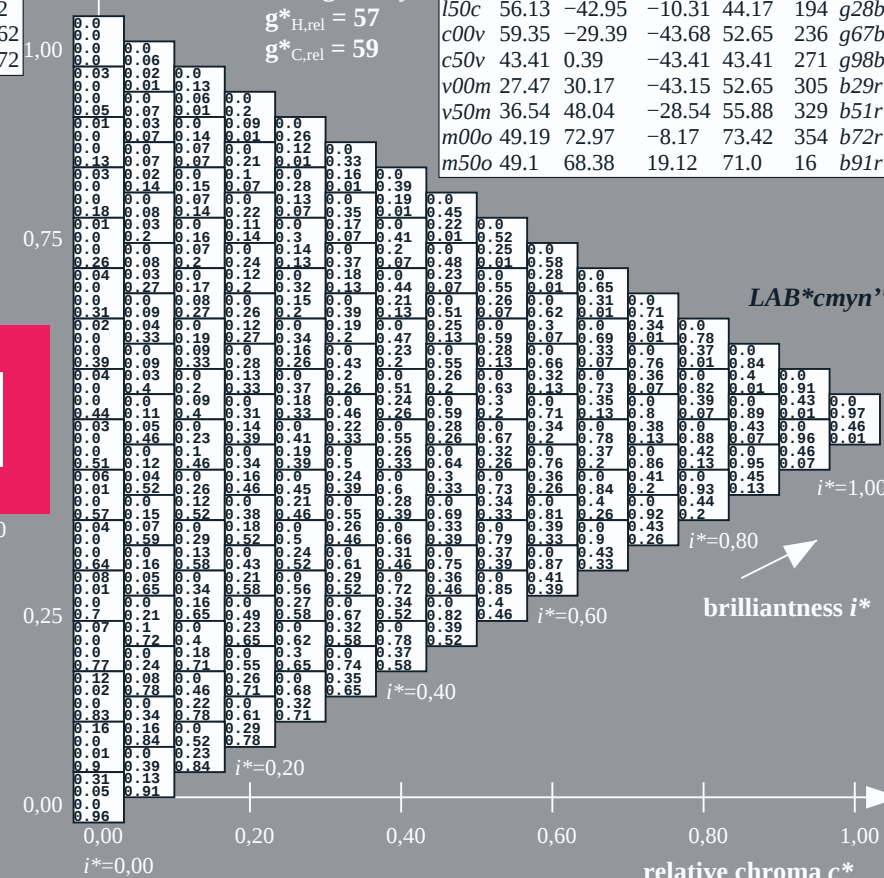
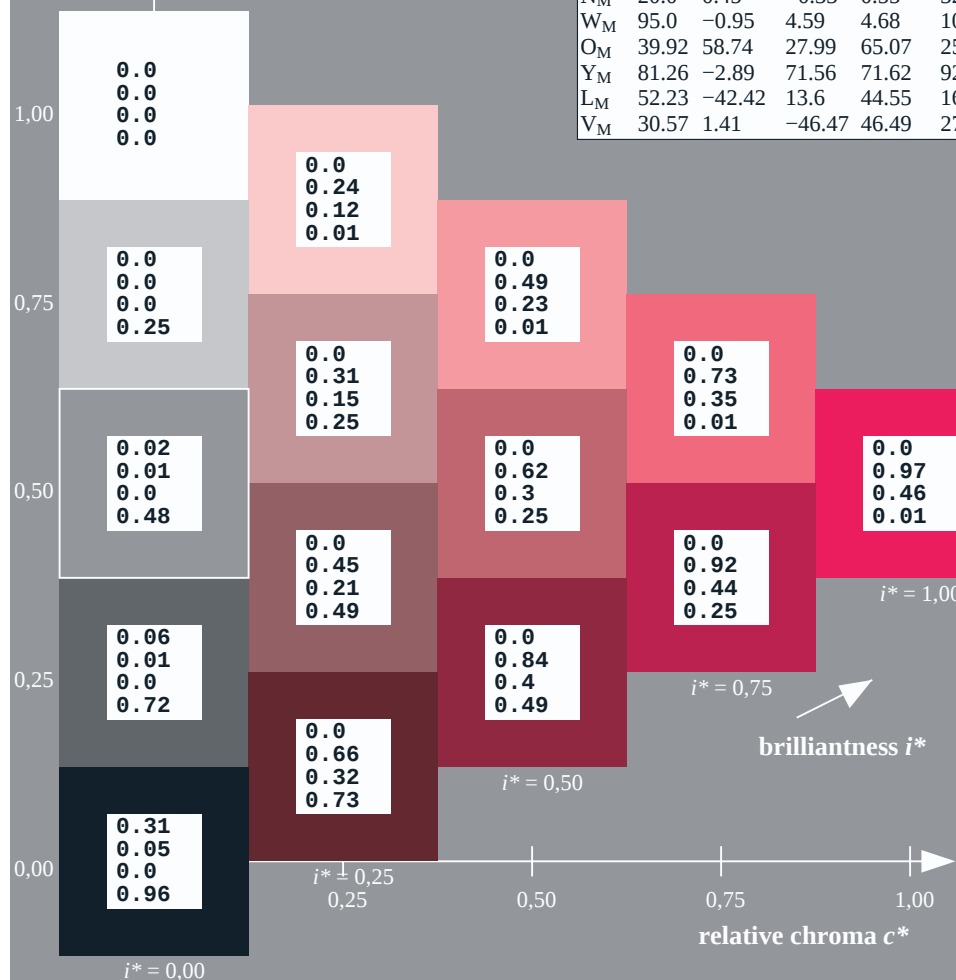
%Regularity

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

$g^*_{C,rel} = 59$

$u^*_d = m50o$
 $LAB^*cmy^n^*$

ORS20_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$			
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$			
$y50l$	68.61	-38.59	57.93	69.6	124	$j44g$			
$y75l$	60.24	-49.73	45.87	67.65	137	$j64g$			
$l00c$	51.87	-60.87	33.81	69.63	151	$j83g$			
$l50c$	56.13	-42.95	-10.31	44.17	194	$g28b$			
$c00v$	59.35	-29.39	-43.68	52.65	236	$g67b$			
$c50v$	43.41	0.39	-43.41	43.41	271	$g98b$			
$v00m$	27.47	30.17	-43.15	52.65	305	$b29r$			
$v50m$	36.54	48.04	-28.54	55.88	329	$b51r$			
$m00o$	49.19	72.97	-8.17	73.42	354	$b72r$			
$m50o$	49.1	68.38	19.12	71.0	16	$b91r$			



[illegible]