

Input and output:

Colorimetric Printer Reflective System ORS18_95aM
data for any colour:

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

device hue text:

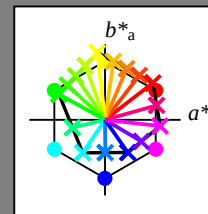
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS18_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

$u^*_{rel} = 87$

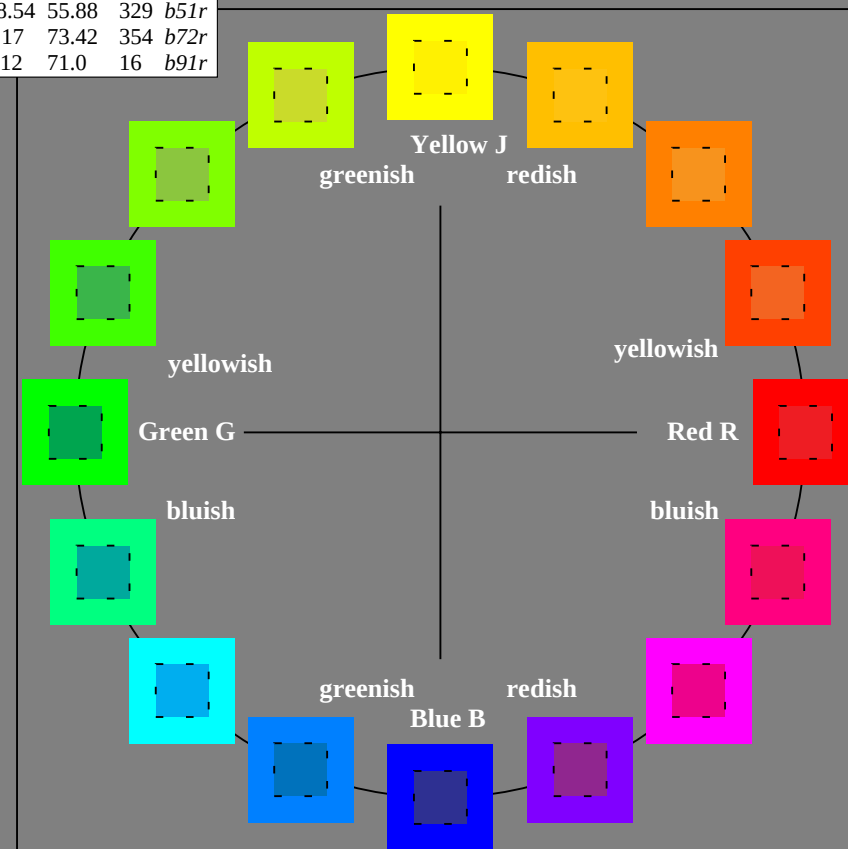
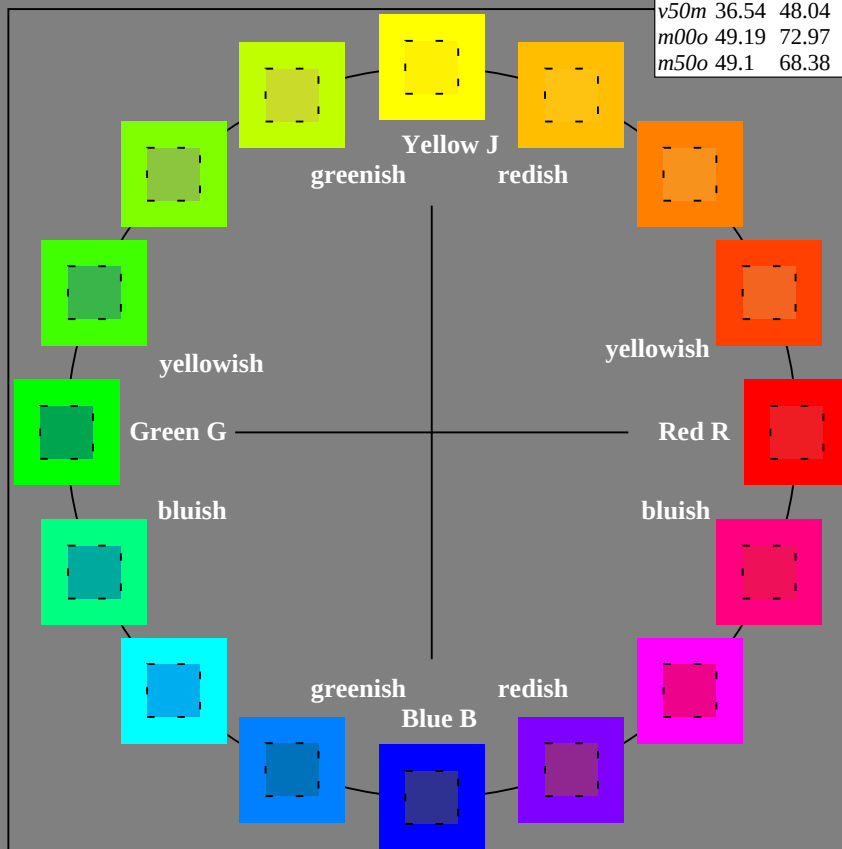
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$
data for any colour:
 lab^*tch^* and lab^*icu^*

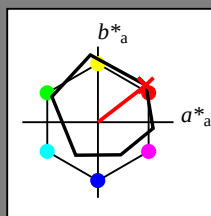
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

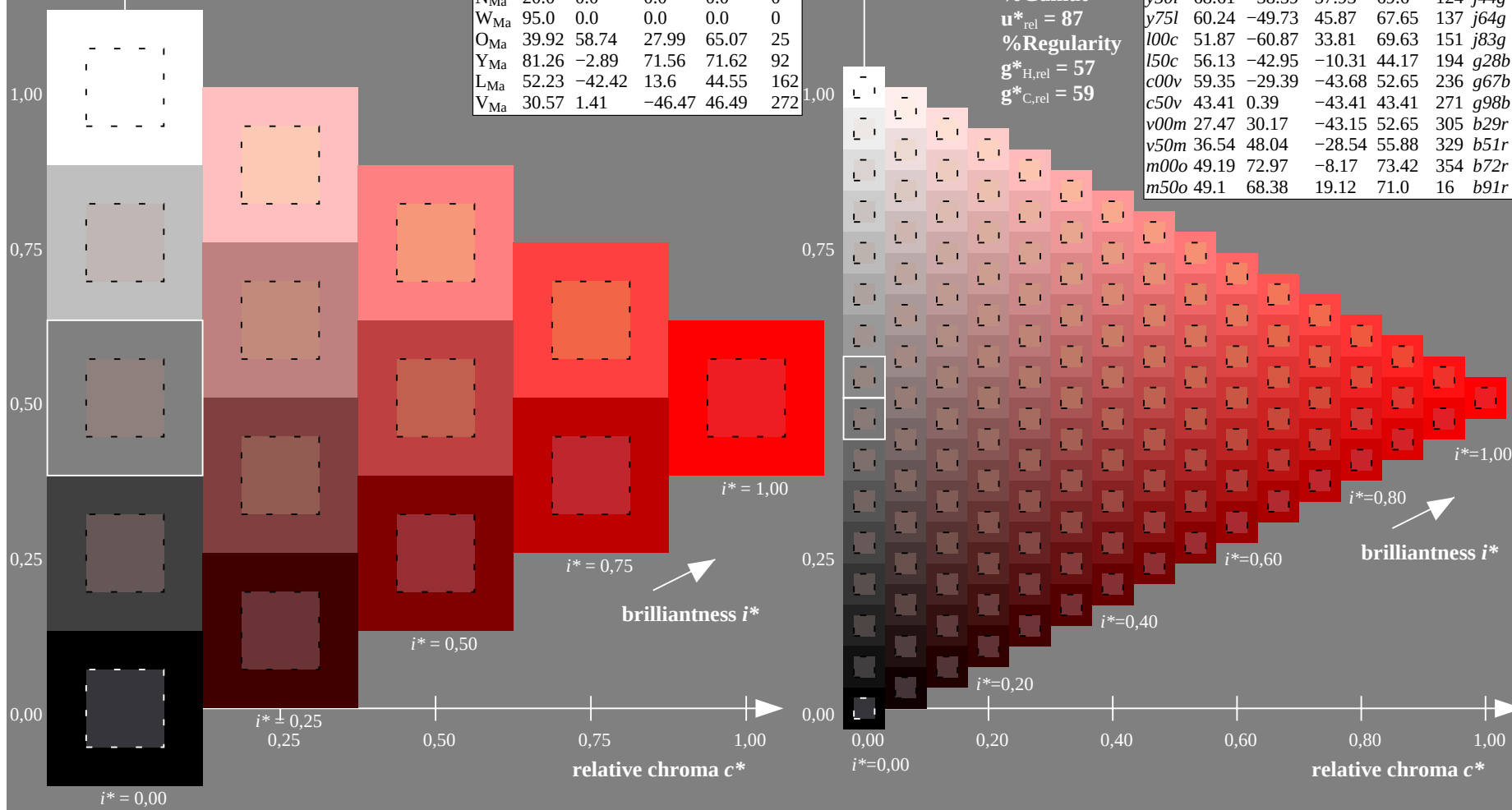
%Regularity

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

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

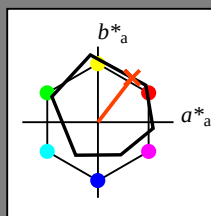
ORS18_95aM; adapted (a) CIELAB data

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 ORS18_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^*



ORS18_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	

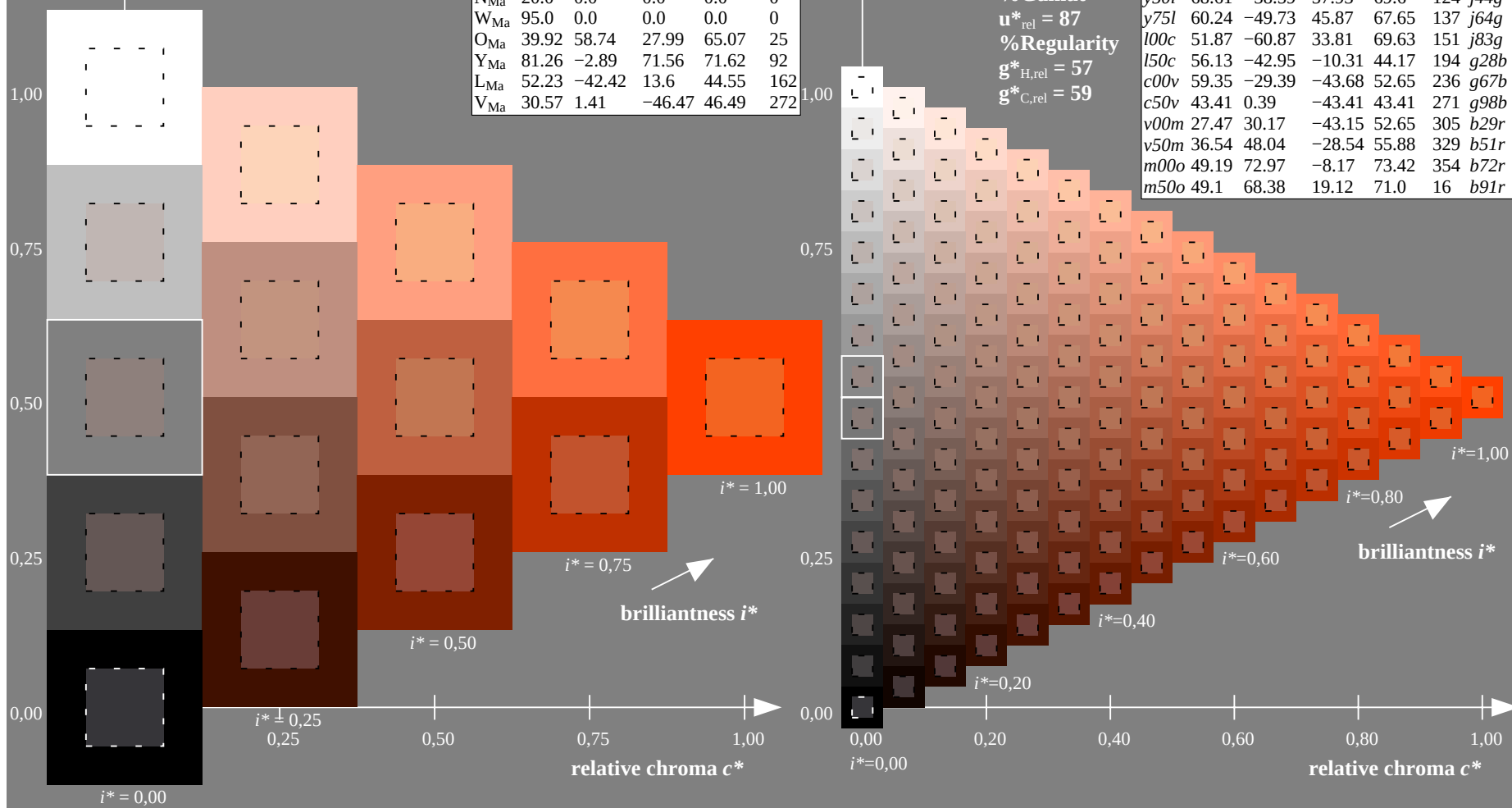
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 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
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$
data for any colour:

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

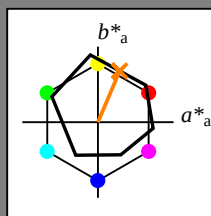
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

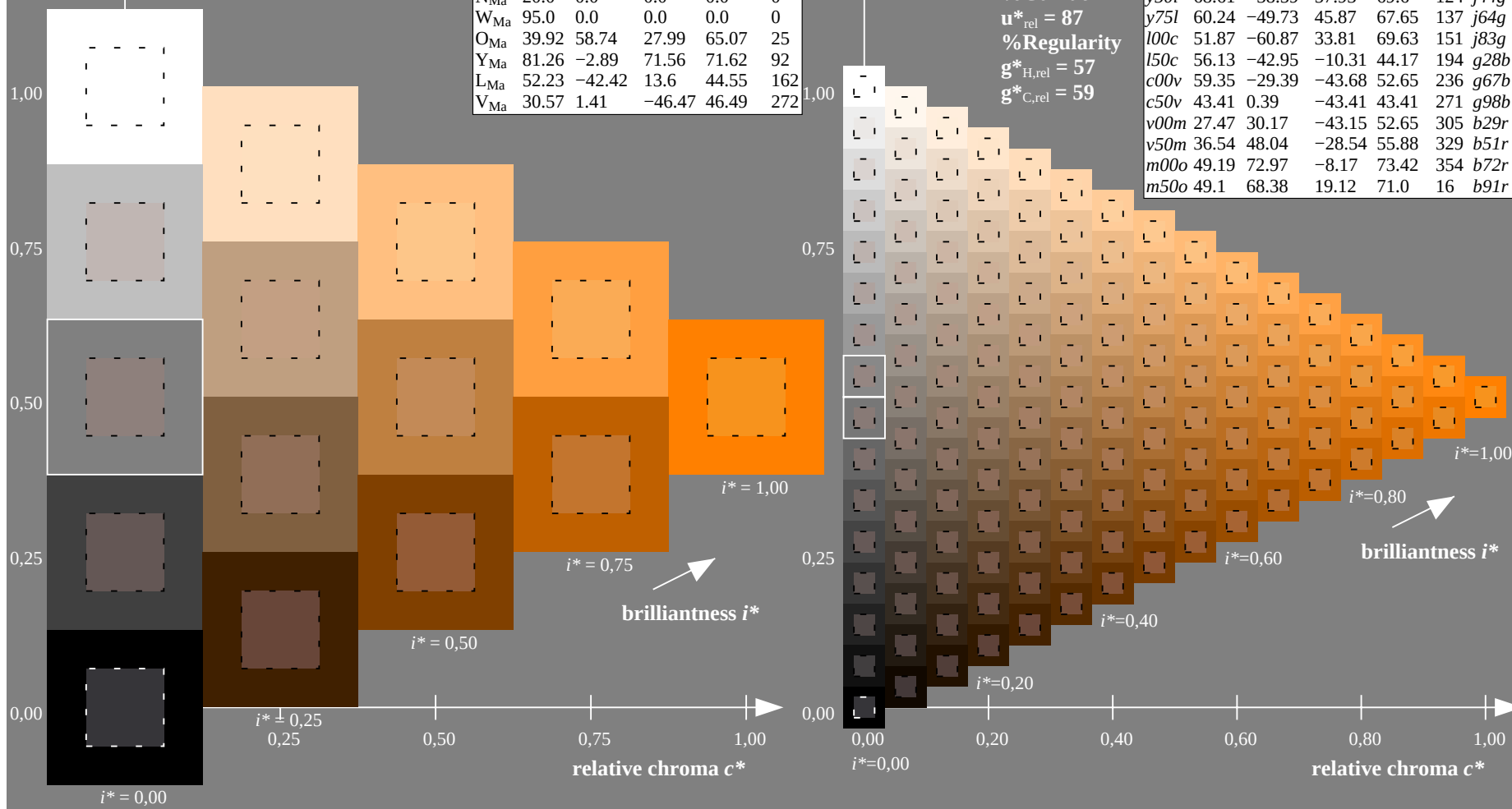
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$
data for any colour:

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

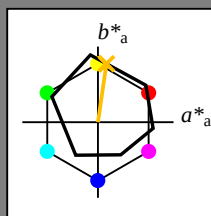
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

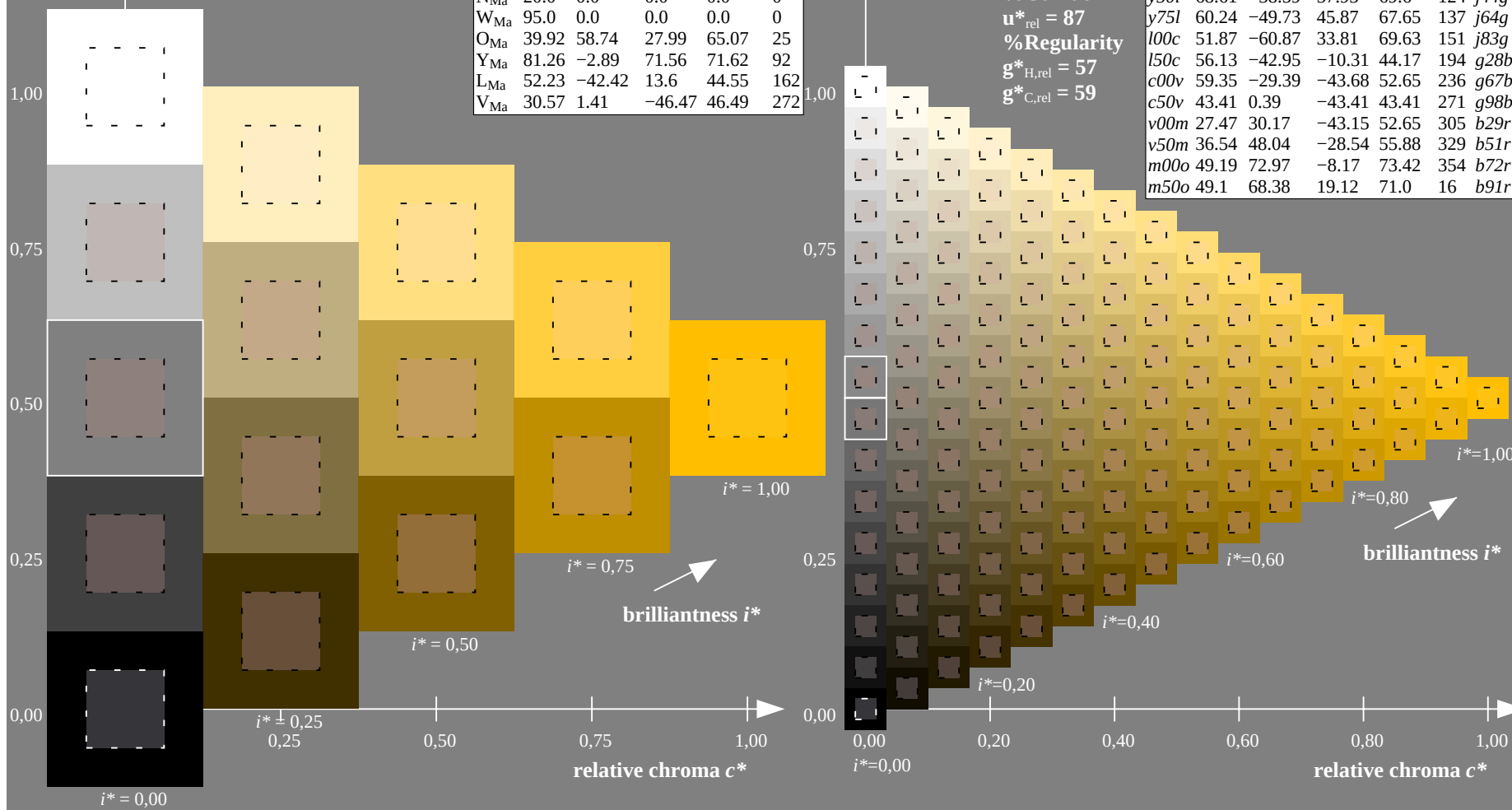
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

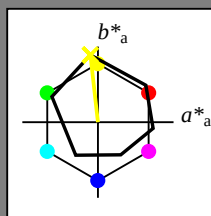
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

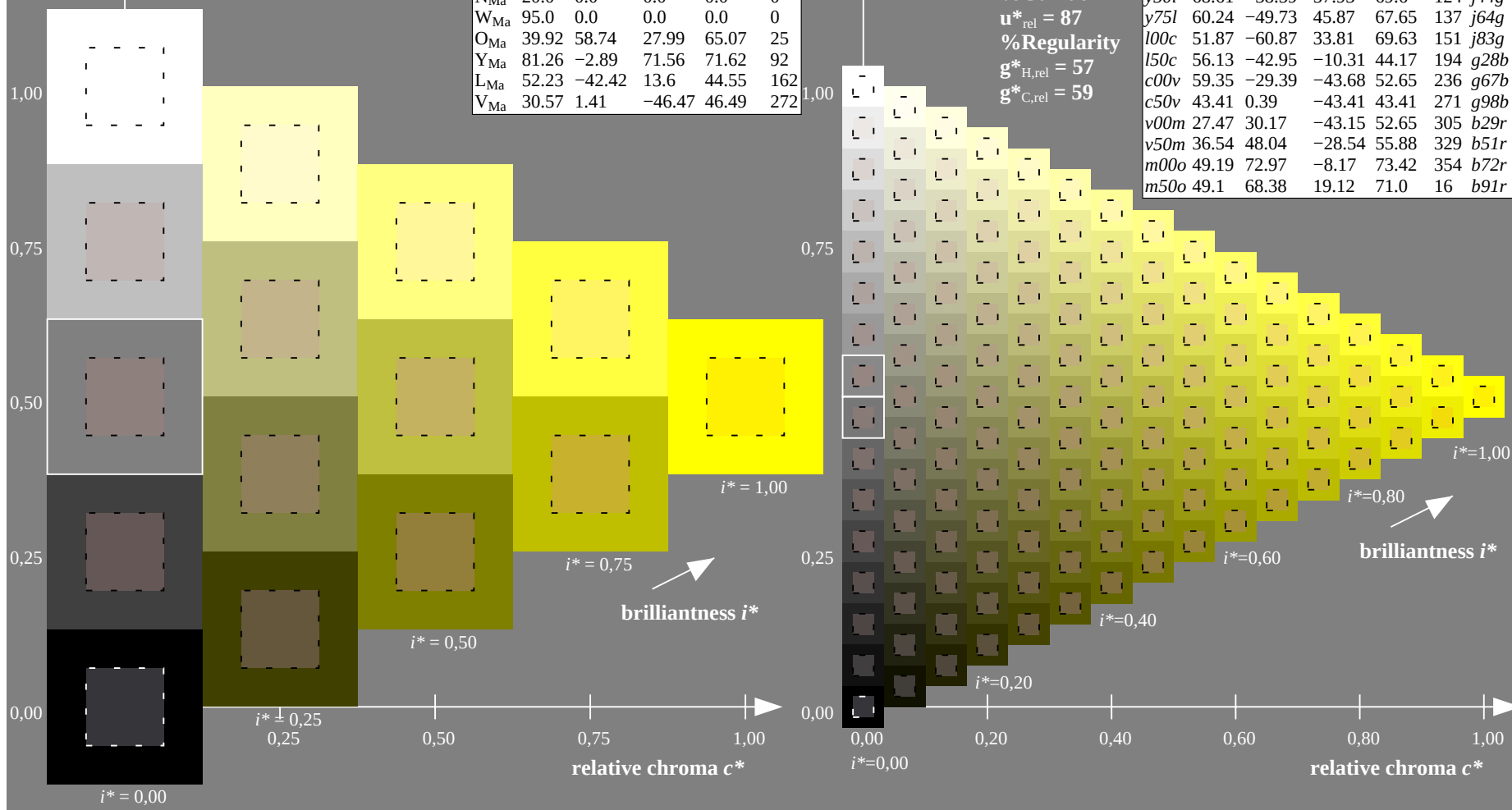
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$
data for any colour:

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

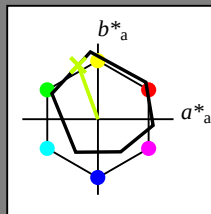
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

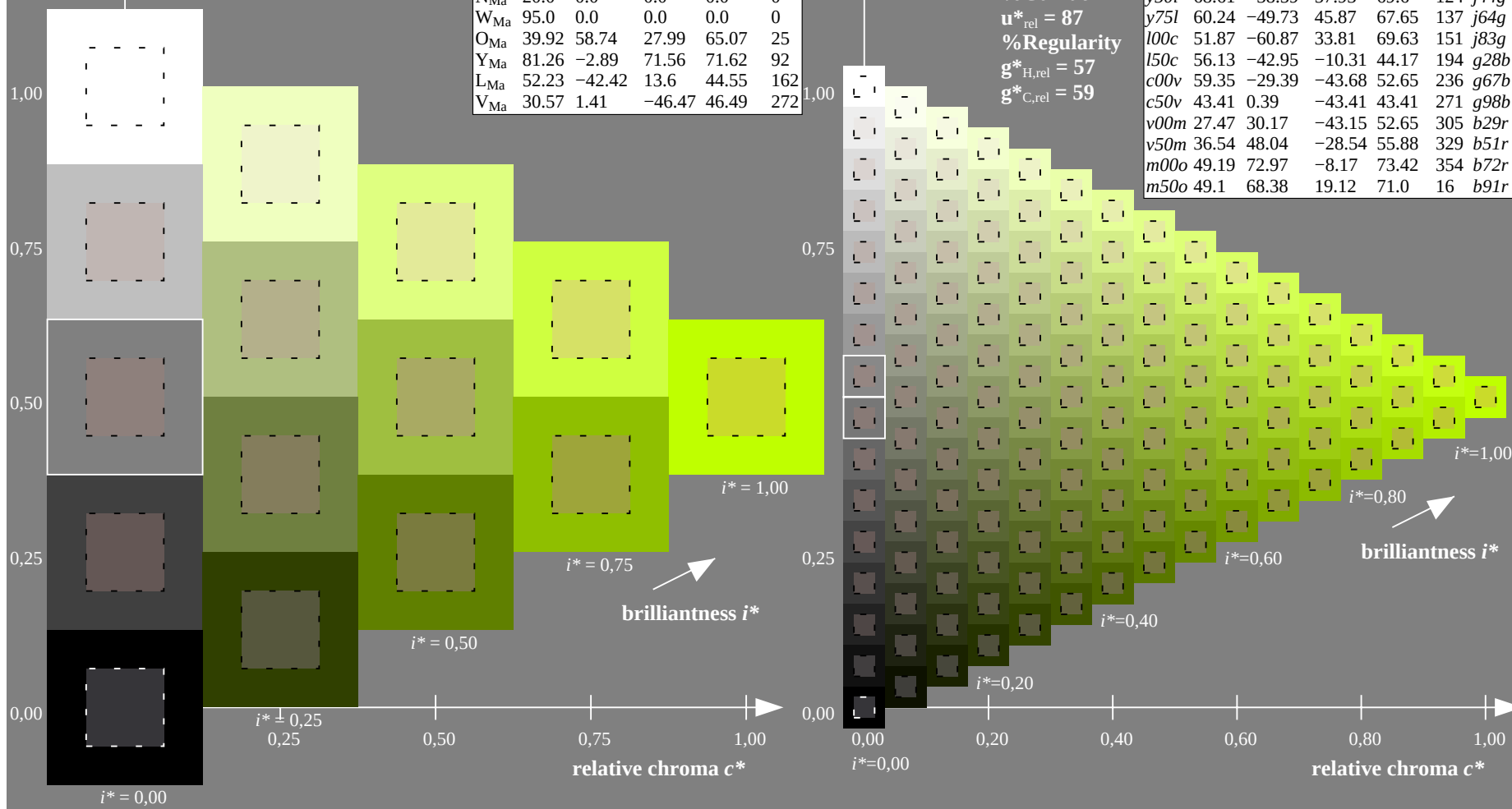
%Regularity

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

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

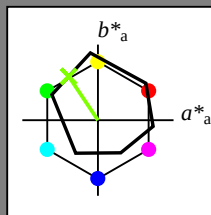
ORS18_95aM; adapted (a) CIELAB data

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 ORS18_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^*



ORS18_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

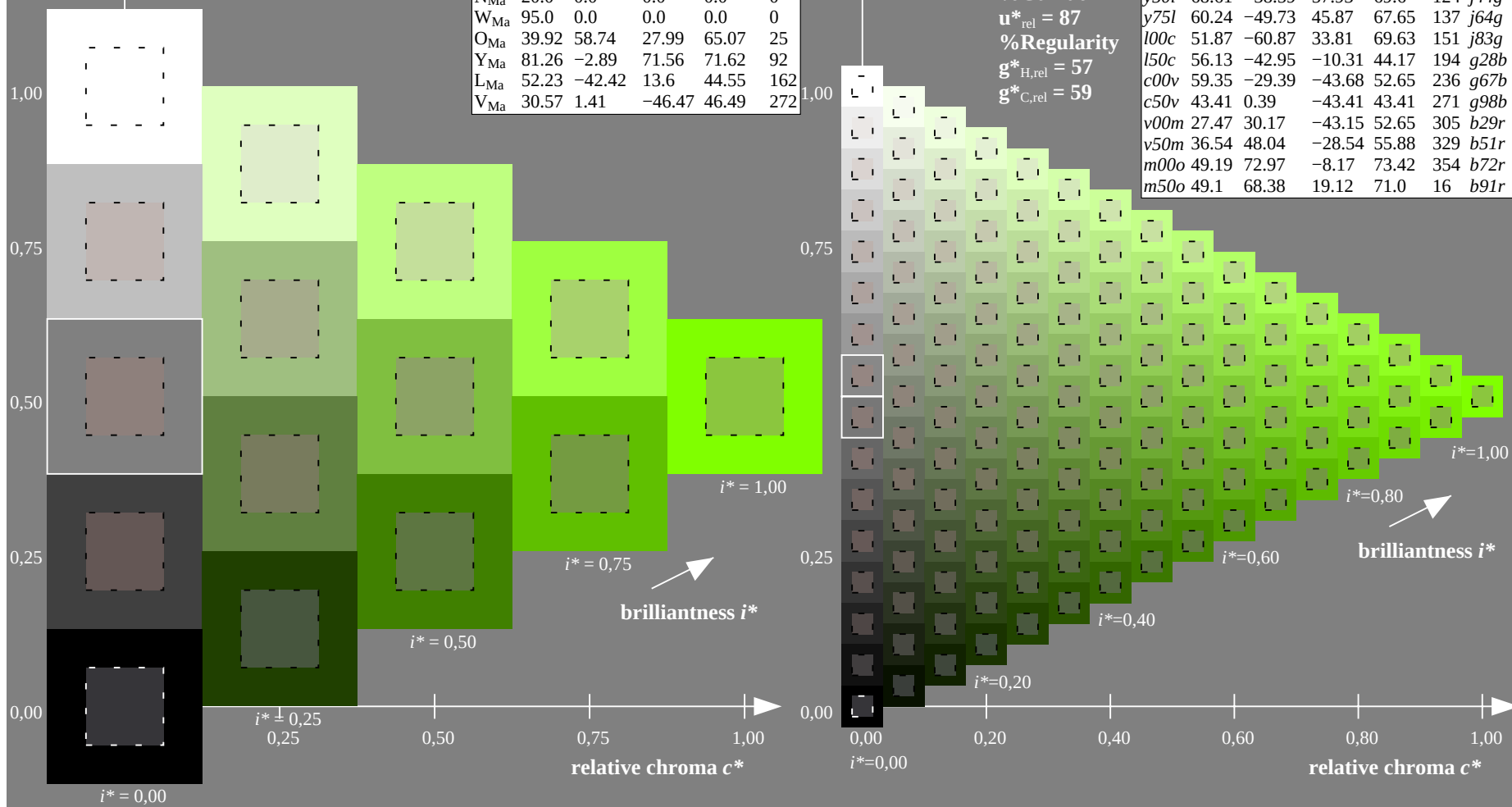
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$
data for any colour:

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

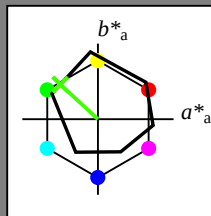
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

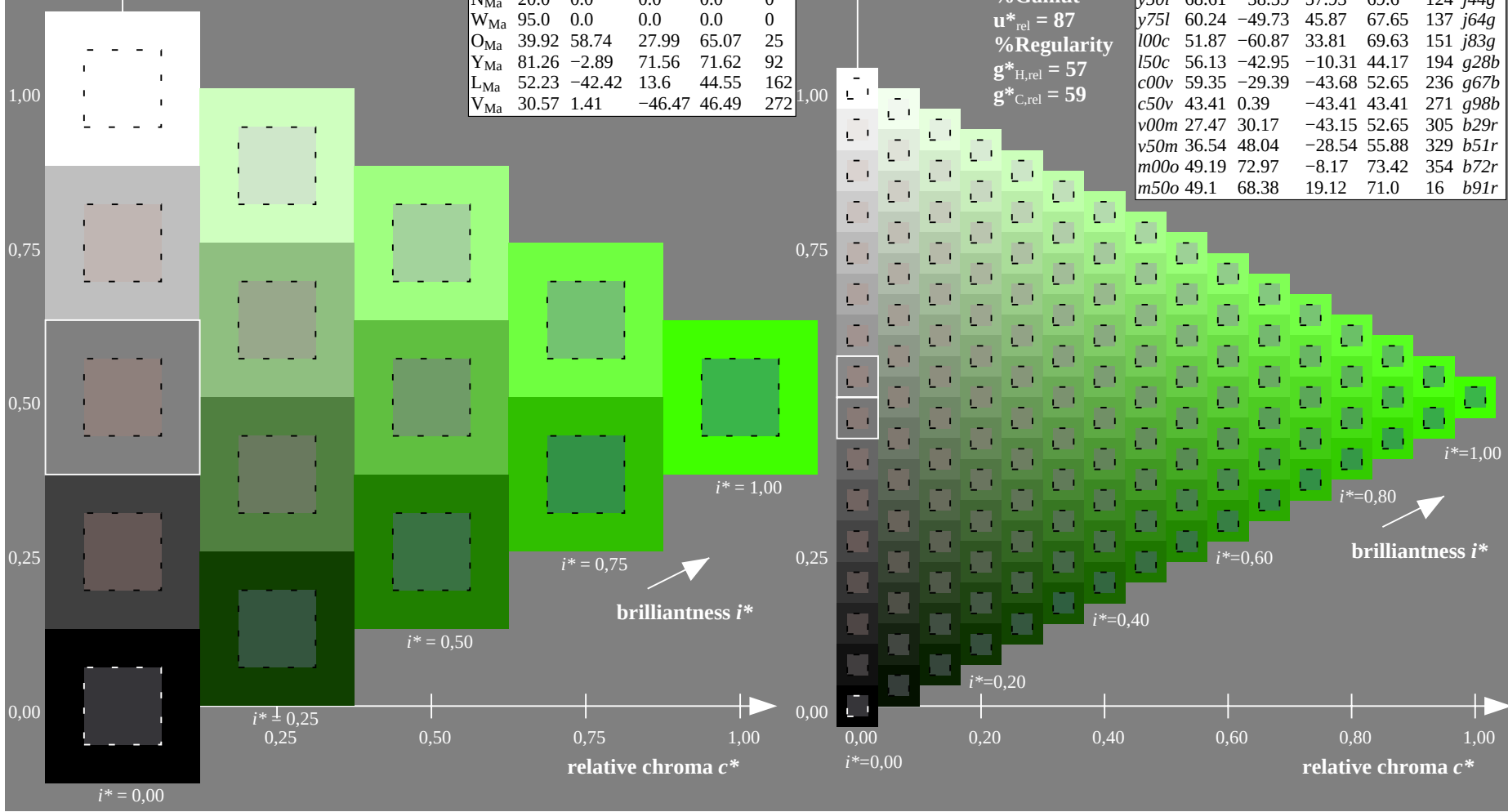
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$
data for any colour:

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

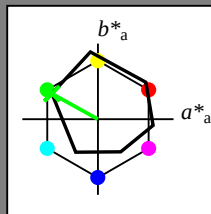
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

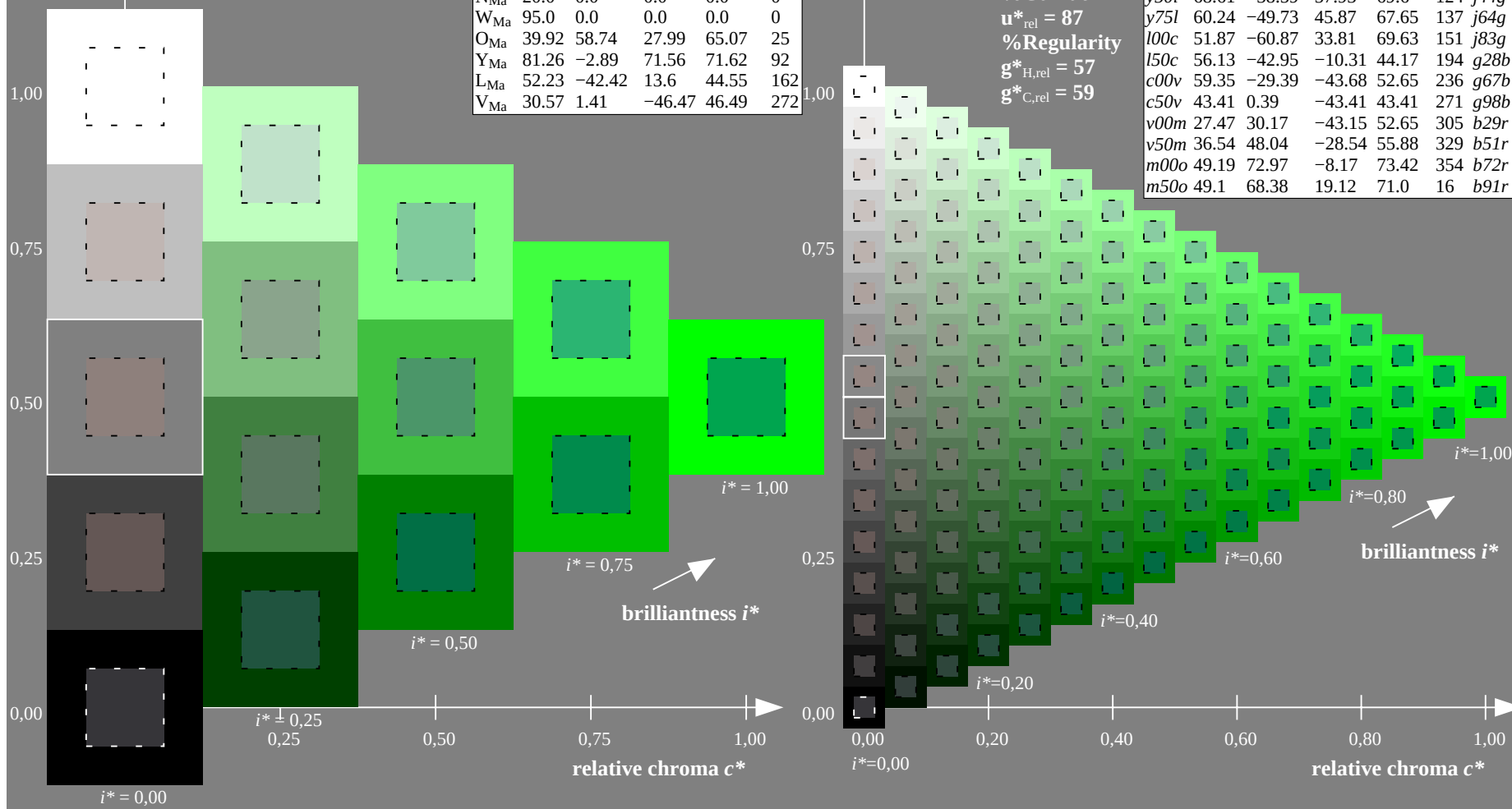
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$
data for any colour:

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

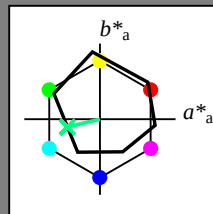
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

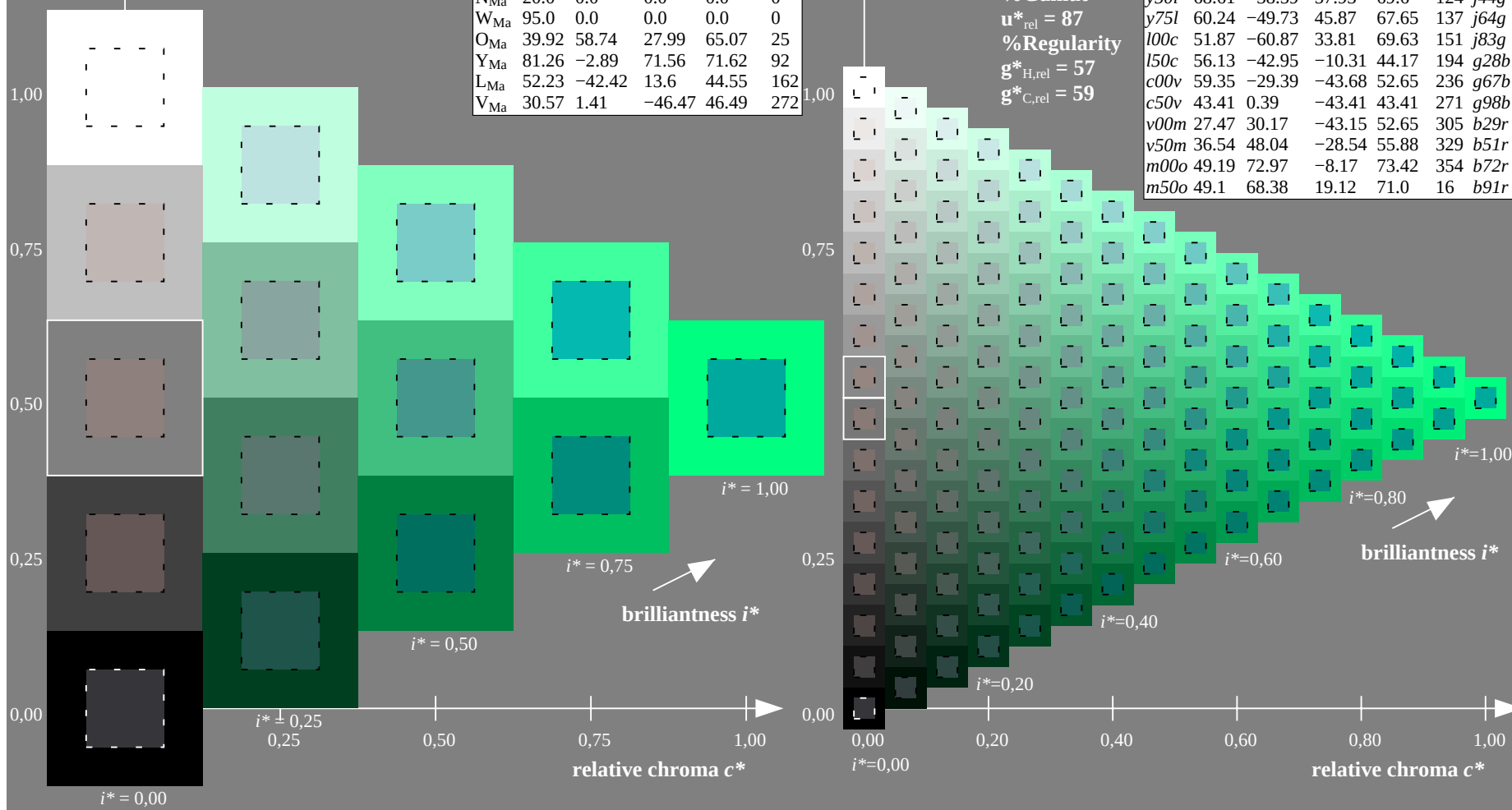
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$
data for any colour:

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

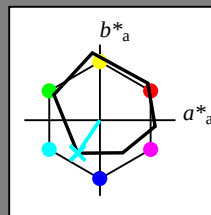
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

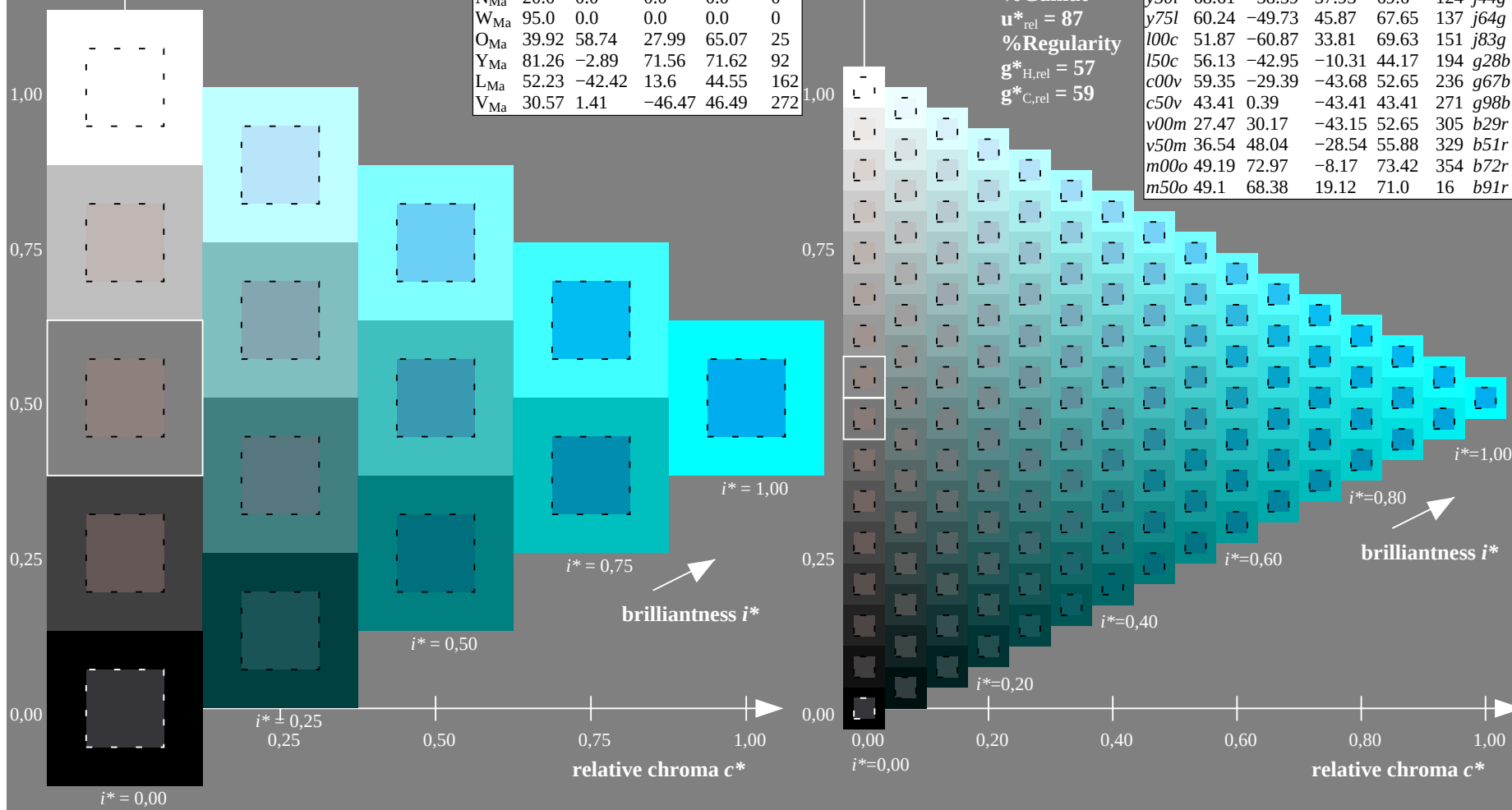
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

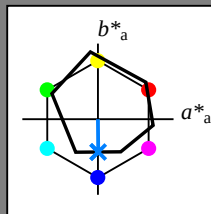
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

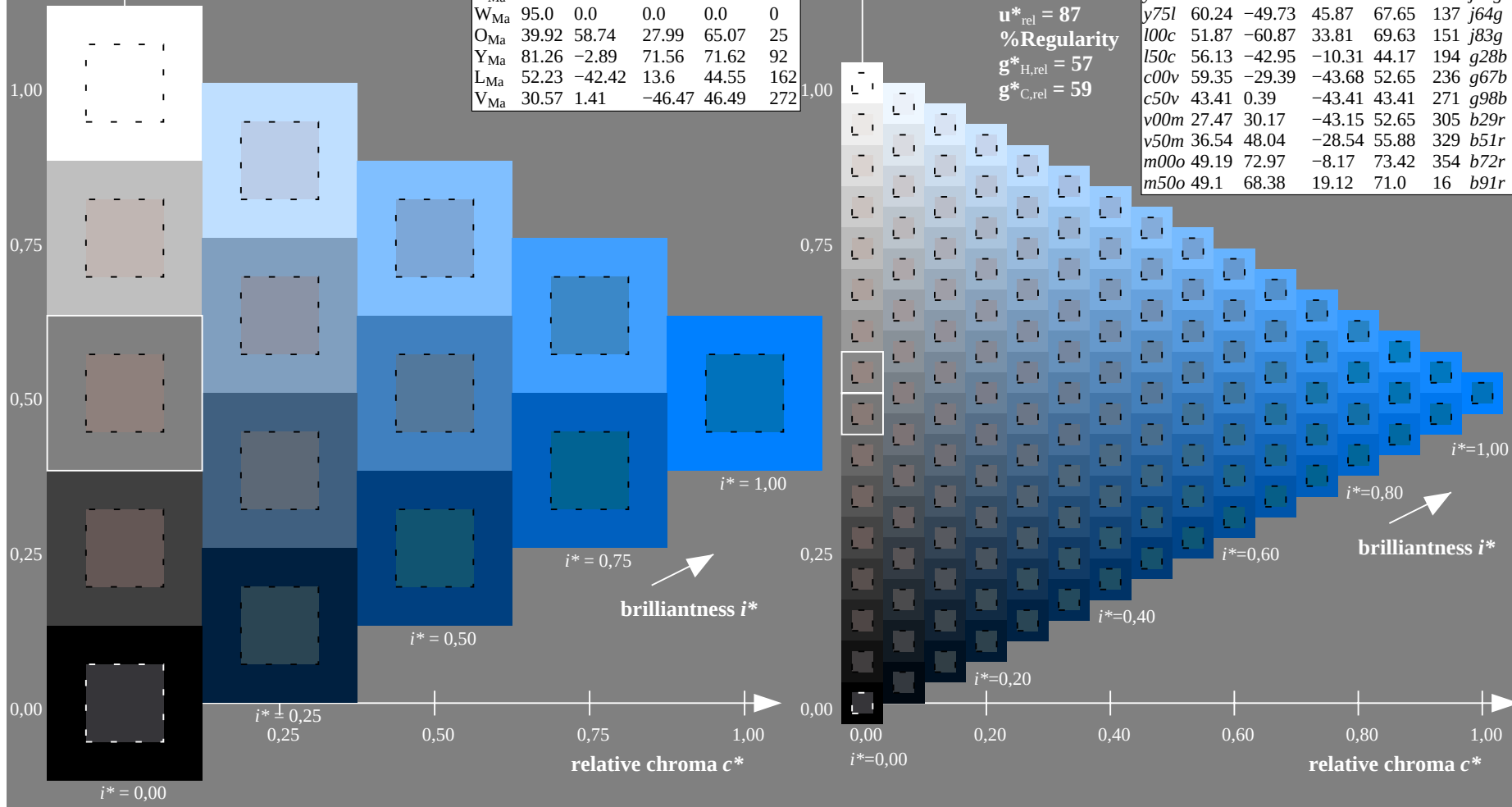
%Regularity

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

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

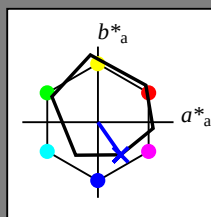
ORS18_95aM; adapted (a) CIELAB data

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 ORS18_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^*



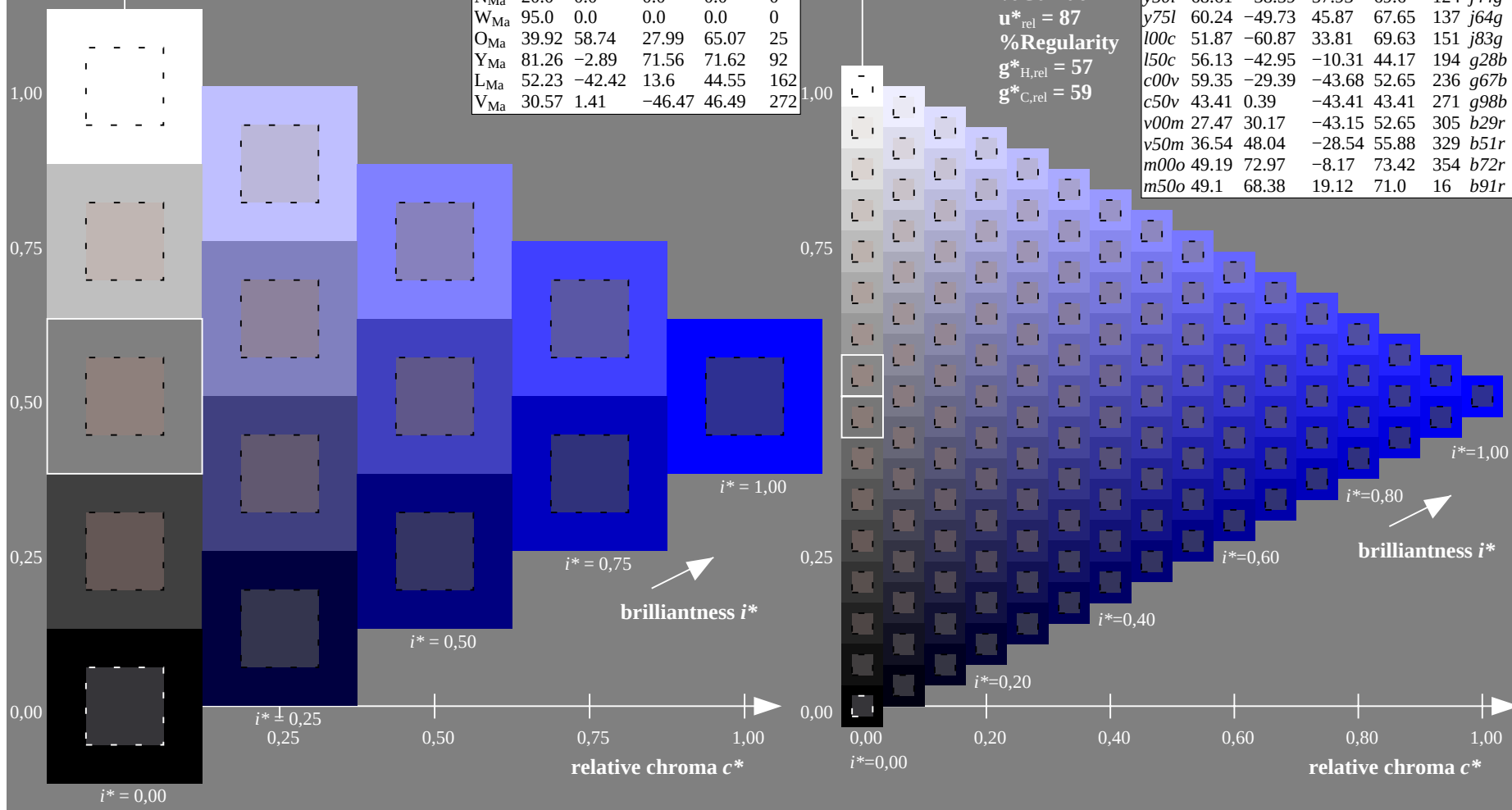
ORS18_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-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
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$
data for any colour:

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

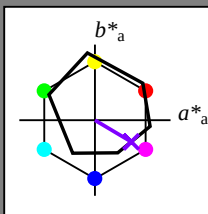
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

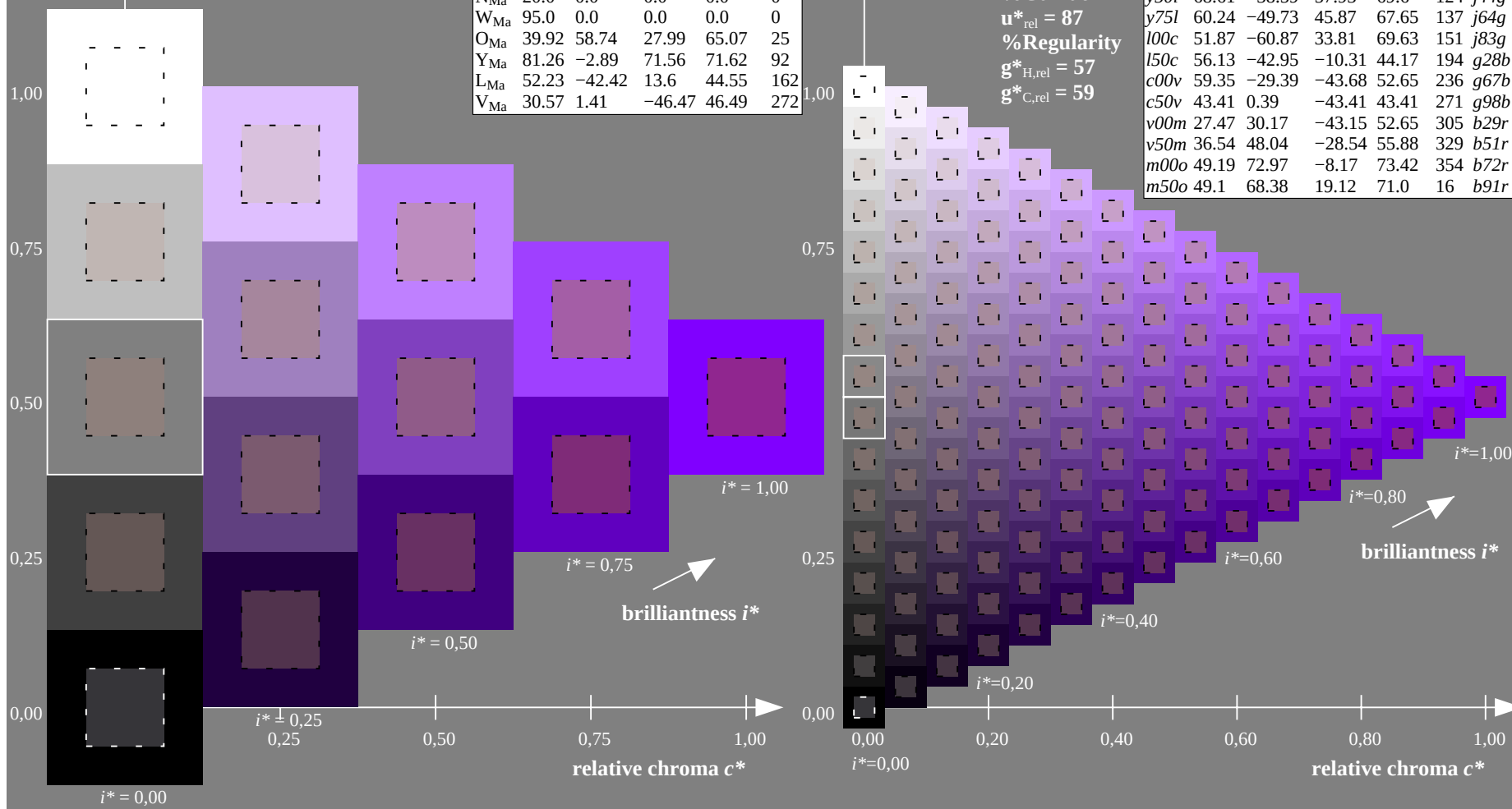
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$
data for any colour:

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

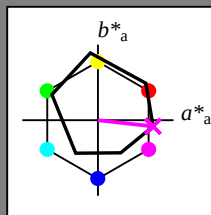
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

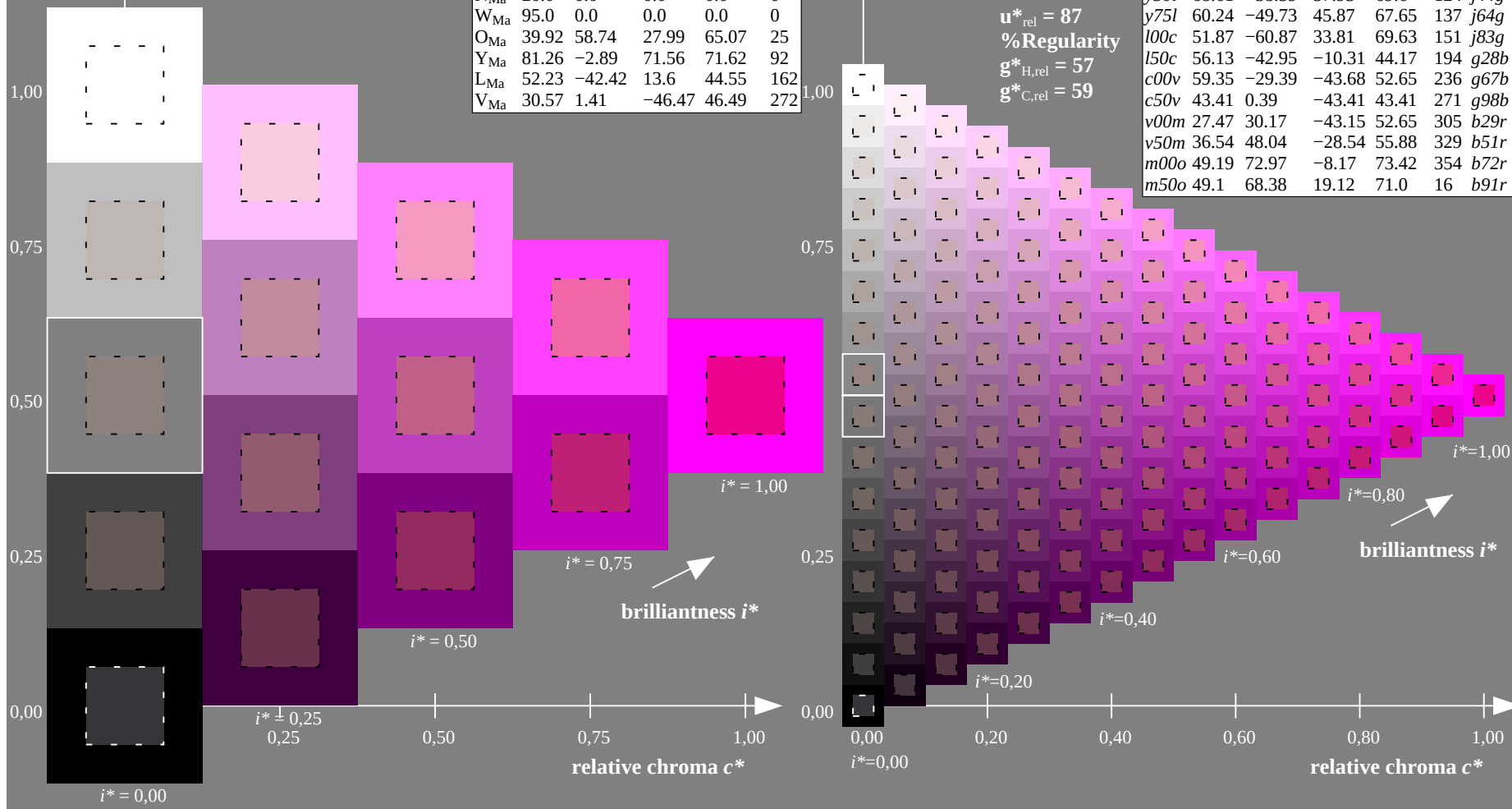
%Regularity

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

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

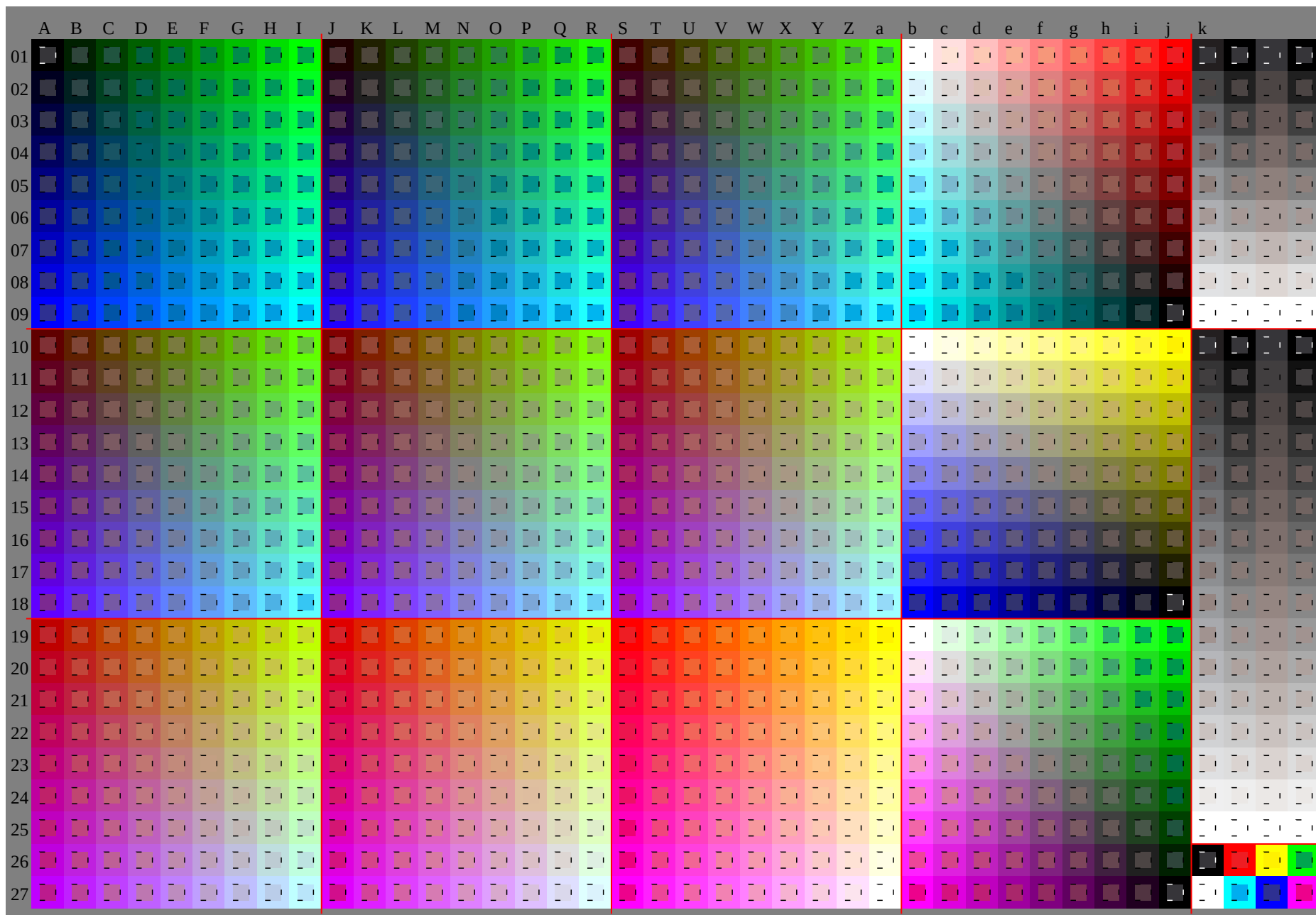
ORS18_95aM; adapted (a) CIELAB data

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

BAM registration: 20081001-Ee65/10L/L65E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:

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

device hue text:

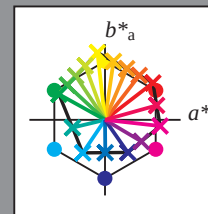
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS18_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

$u^*_{rel} = 87$

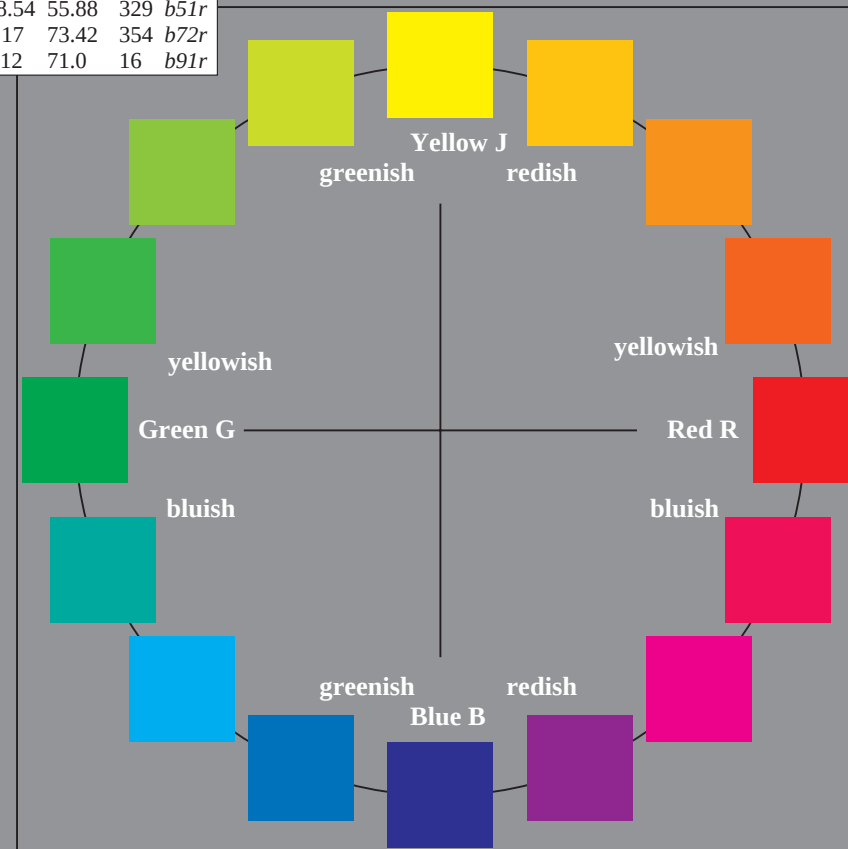
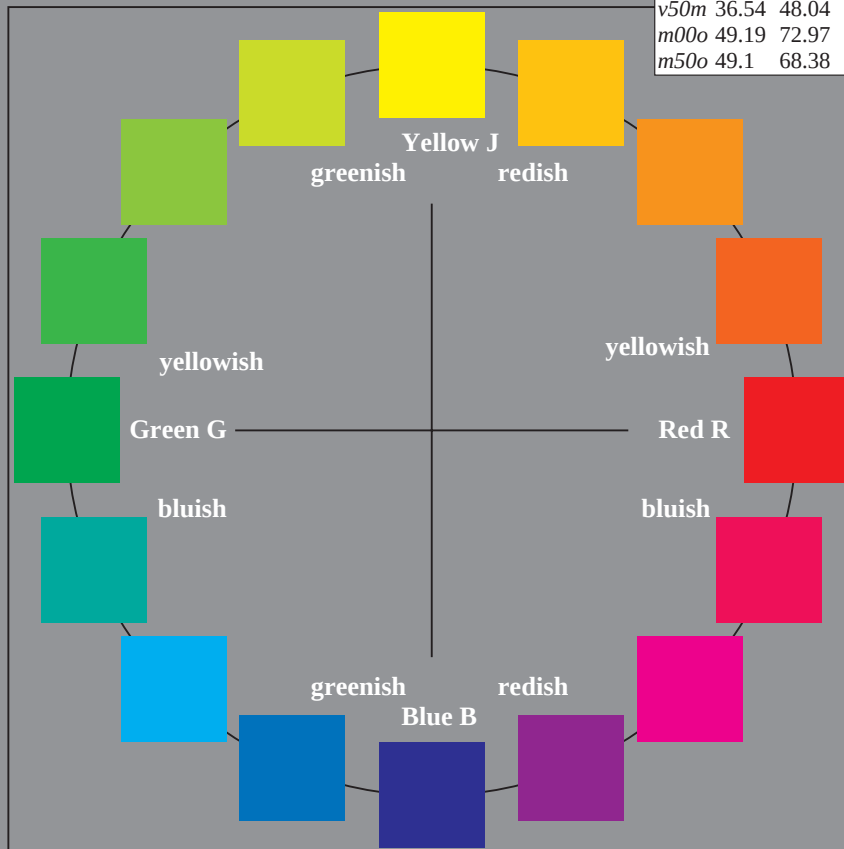
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$
data for any colour:

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

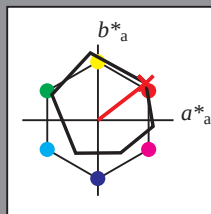
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

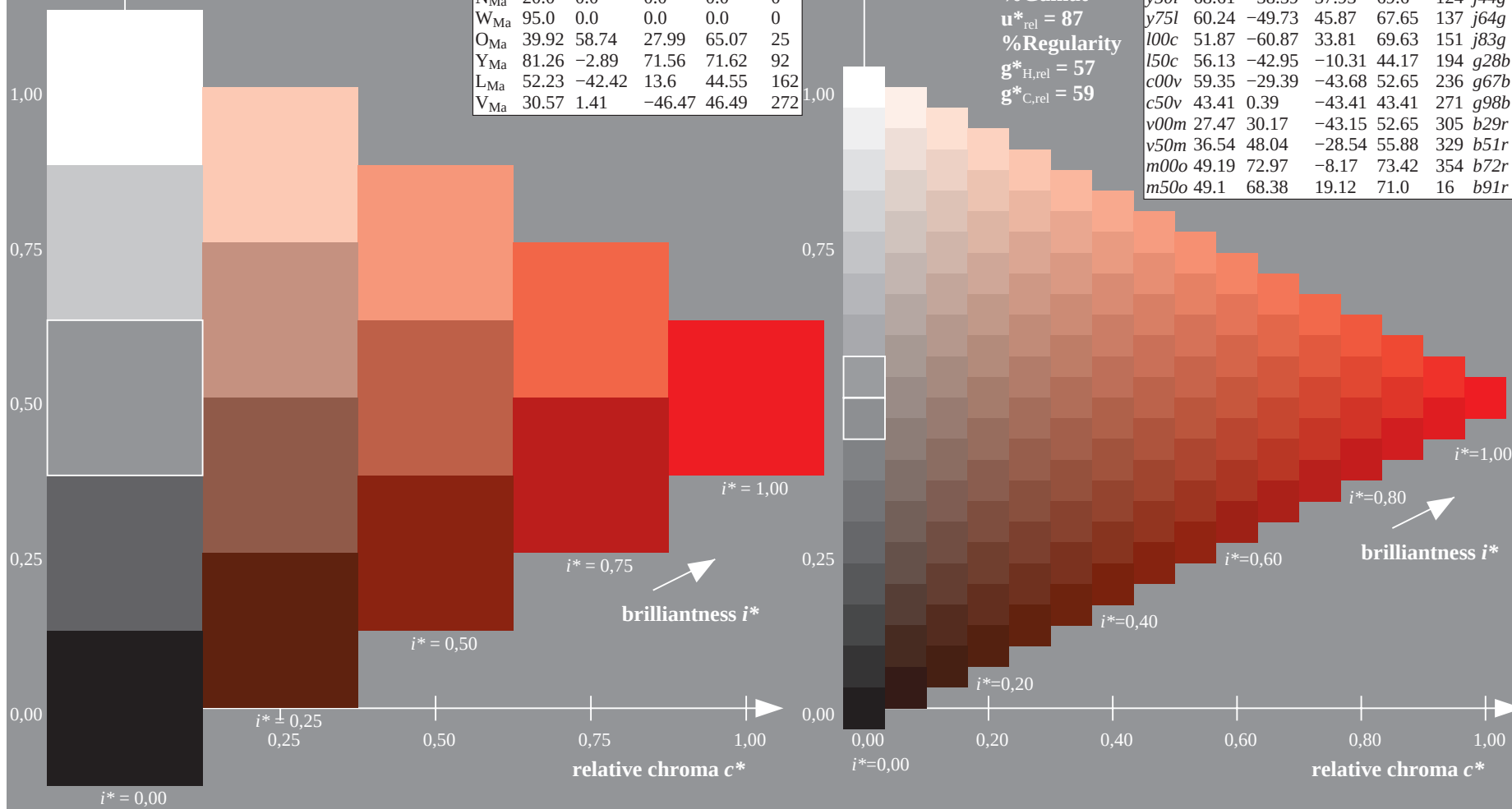
%Regularity

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

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

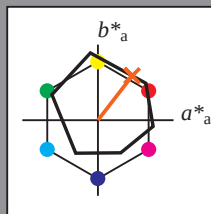
ORS18_95aM; adapted (a) CIELAB data

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 ORS18_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^*



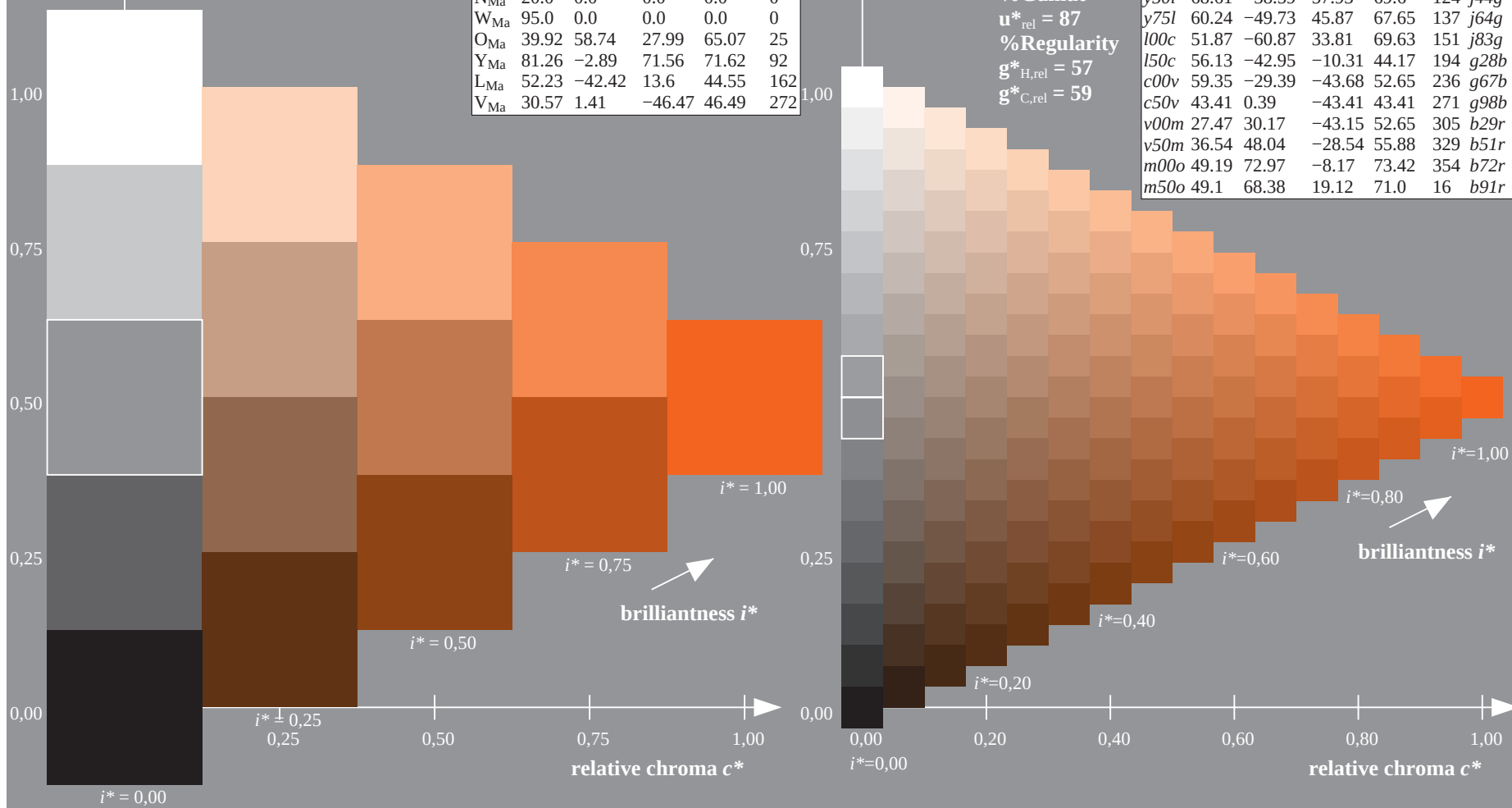
ORS18_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	49.0	63.38	48.88	80.04	38	
Y _{Ma}	90.12	-9.95	88.92	89.48	96	
L _{Ma}	51.87	-60.87	33.81	69.63	151	
C _{Ma}	59.35	-29.39	-43.68	52.65	236	
V _{Ma}	27.47	30.17	-43.15	52.65	305	
M _{Ma}	49.19	72.97	-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^*

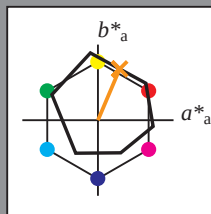
%Gamut
 $u^*_{rel} = 87$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS18_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 ORS18_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^*



ORS18_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

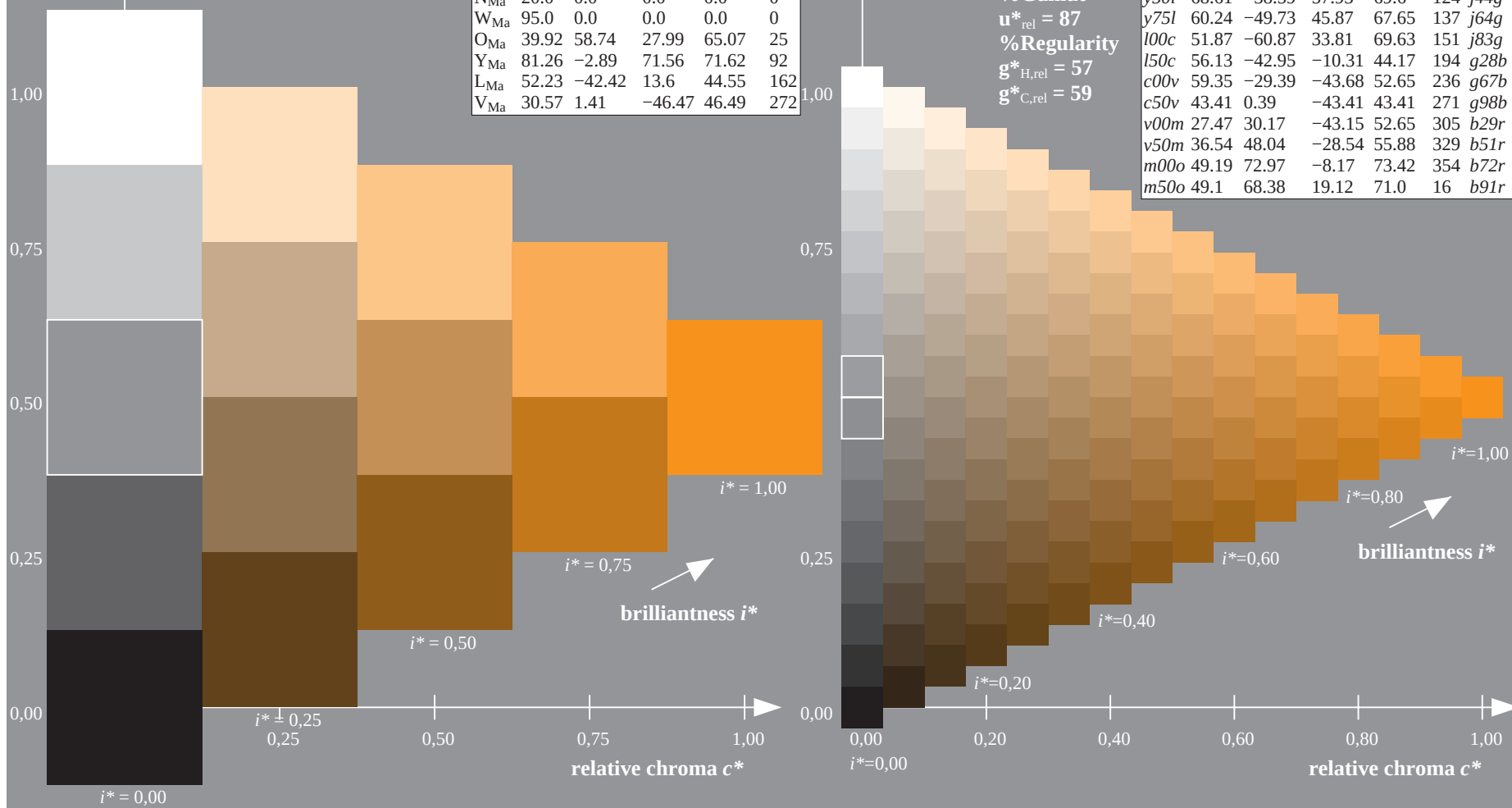
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$
data for any colour:

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

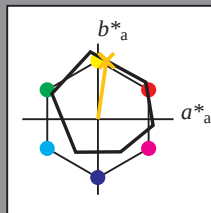
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

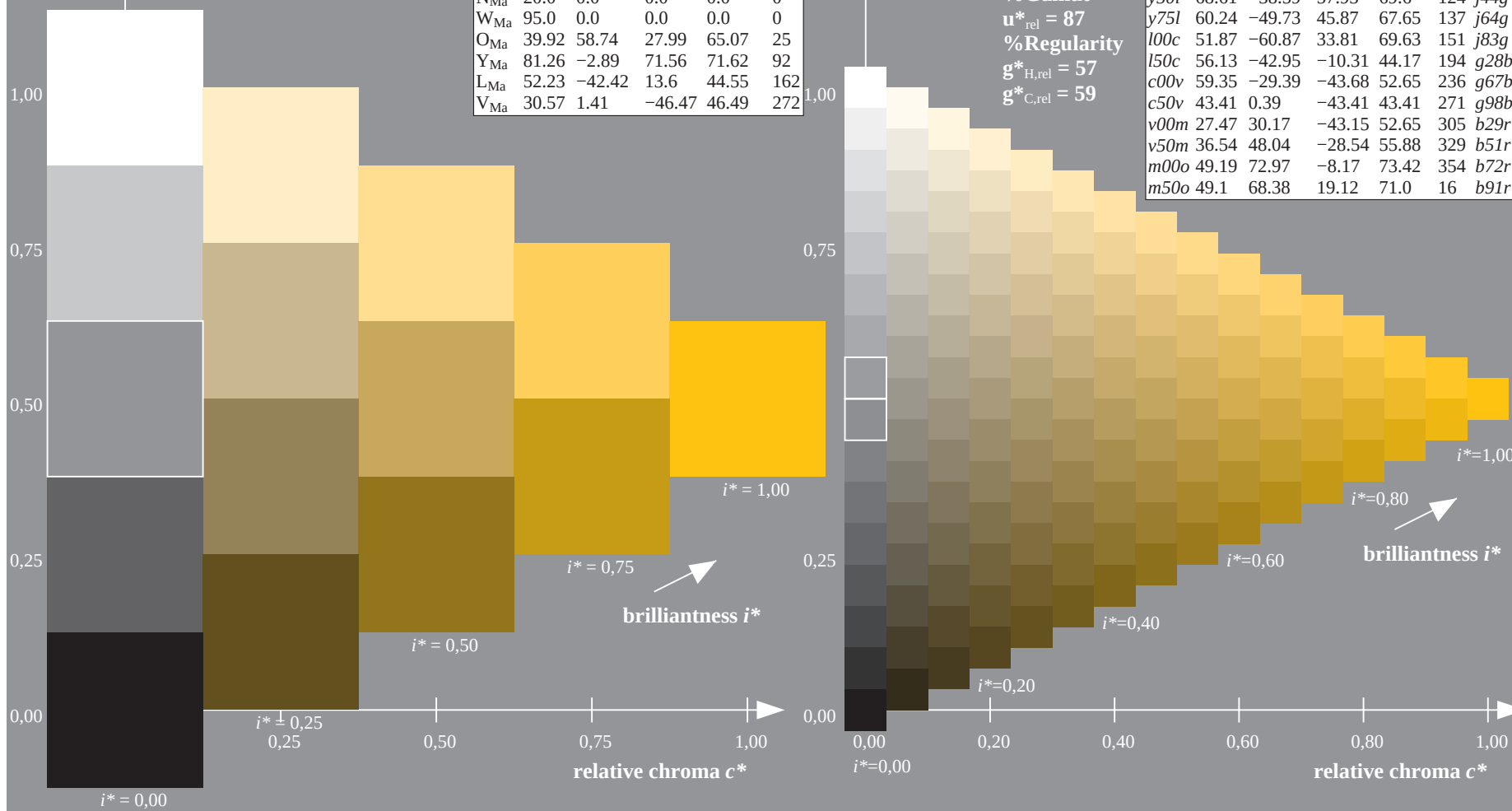
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$
data for any colour:

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

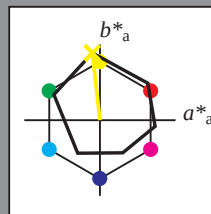
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

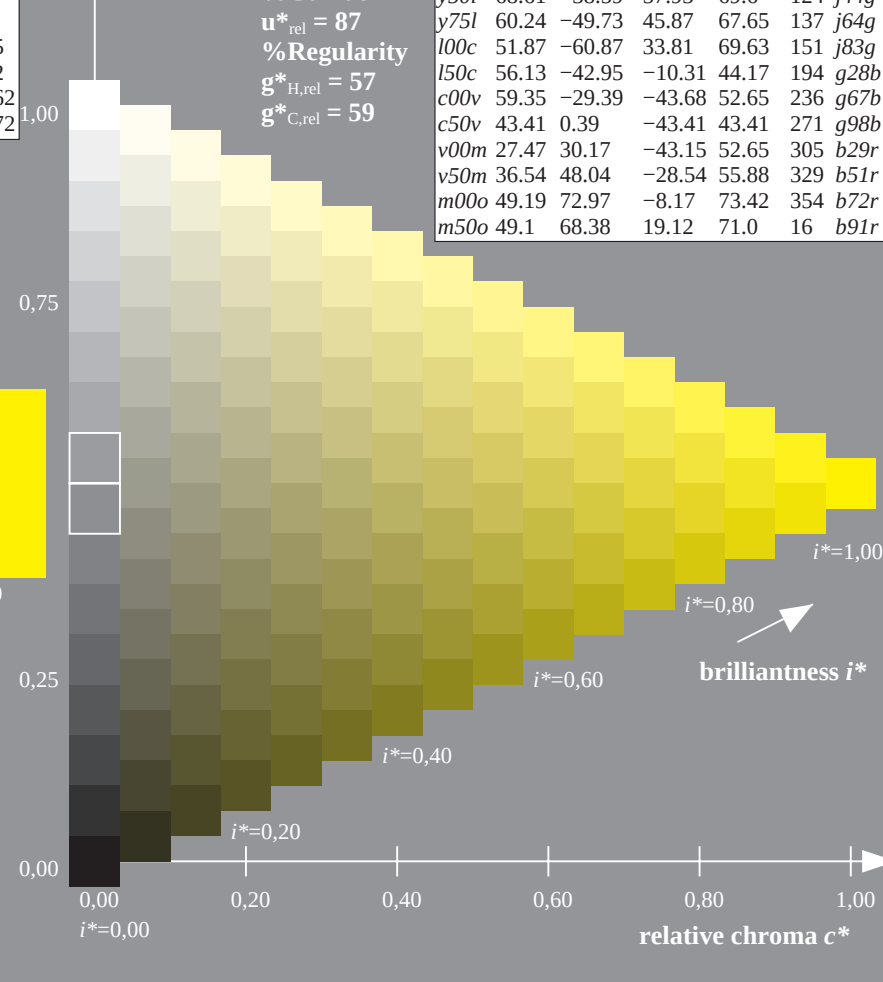
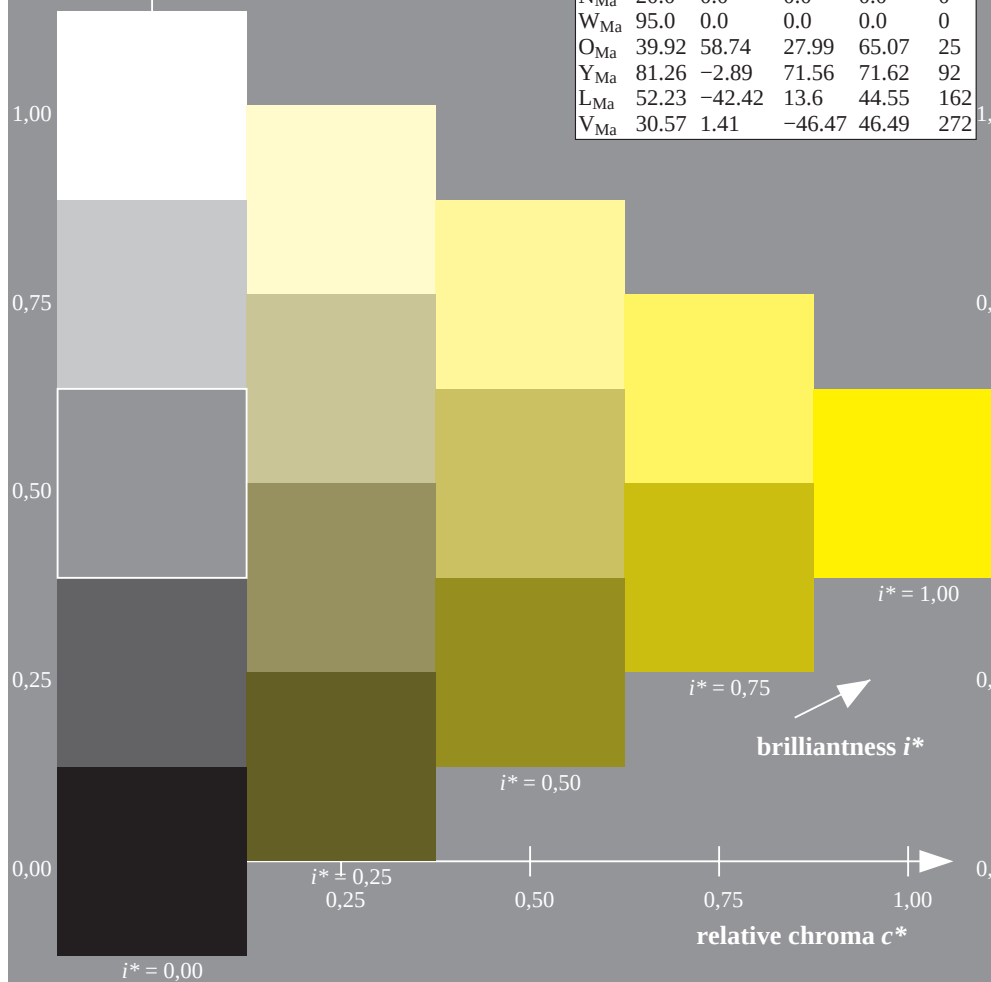
%Regularity

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

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

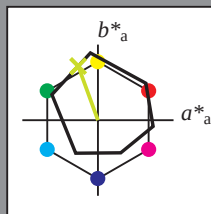
ORS18_95aM; adapted (a) CIELAB data

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 ORS18_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^*



ORS18_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

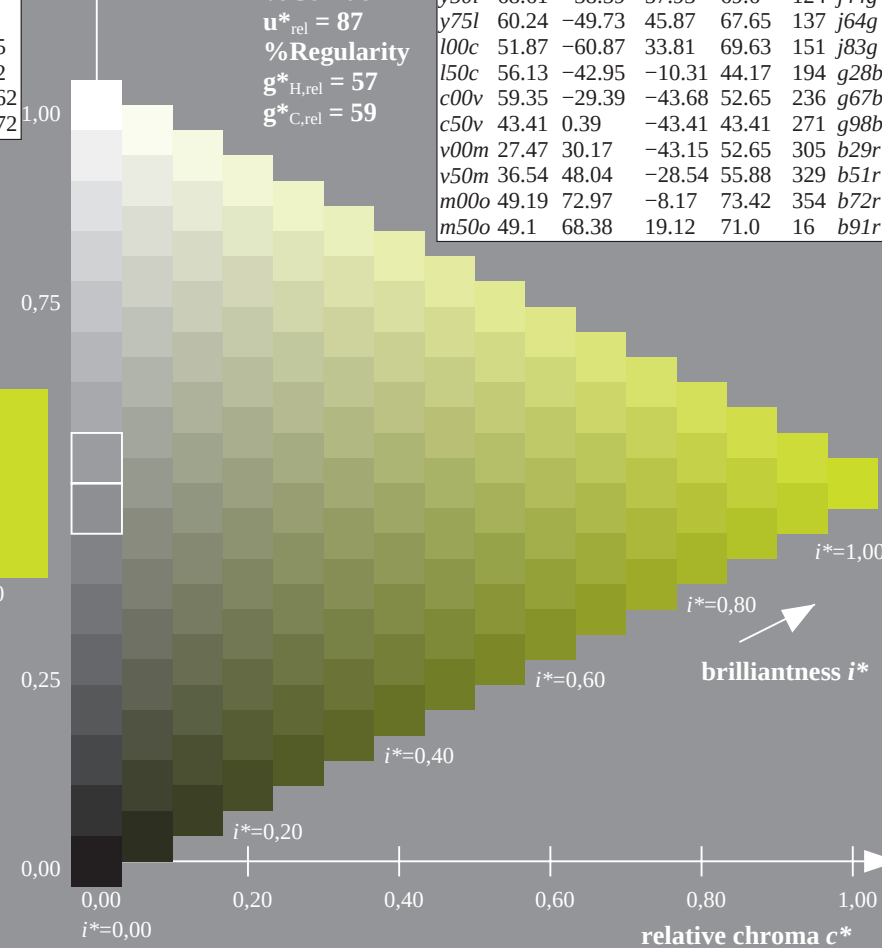
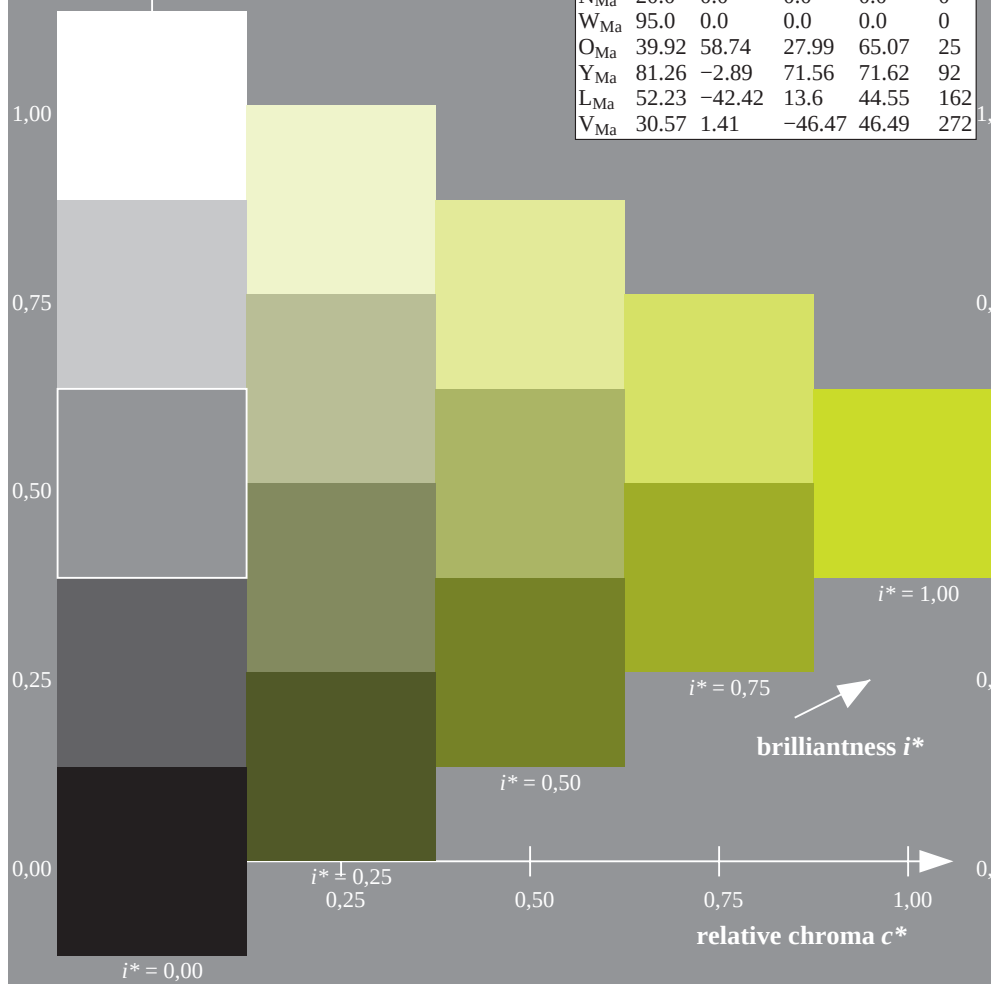
$u^*_{rel} = 87$

%Regularity

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

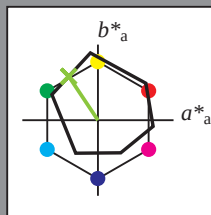
$g^*_{C,rel} = 59$

ORS18_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 ORS18_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^*



ORS18_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

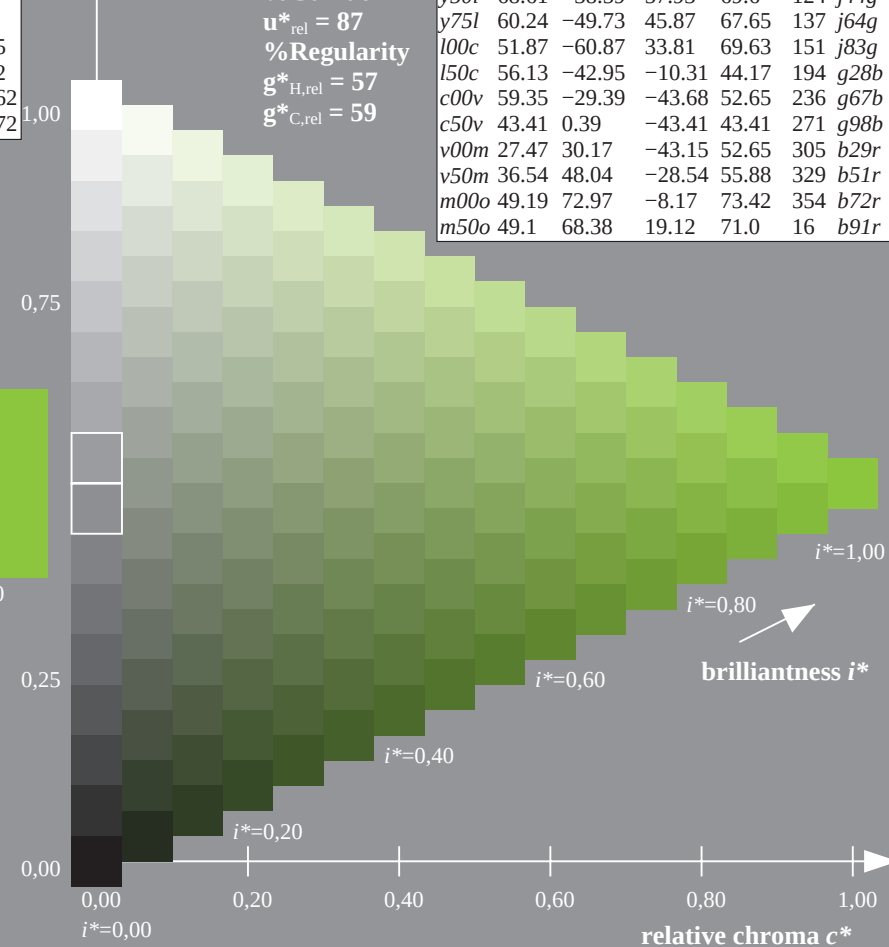
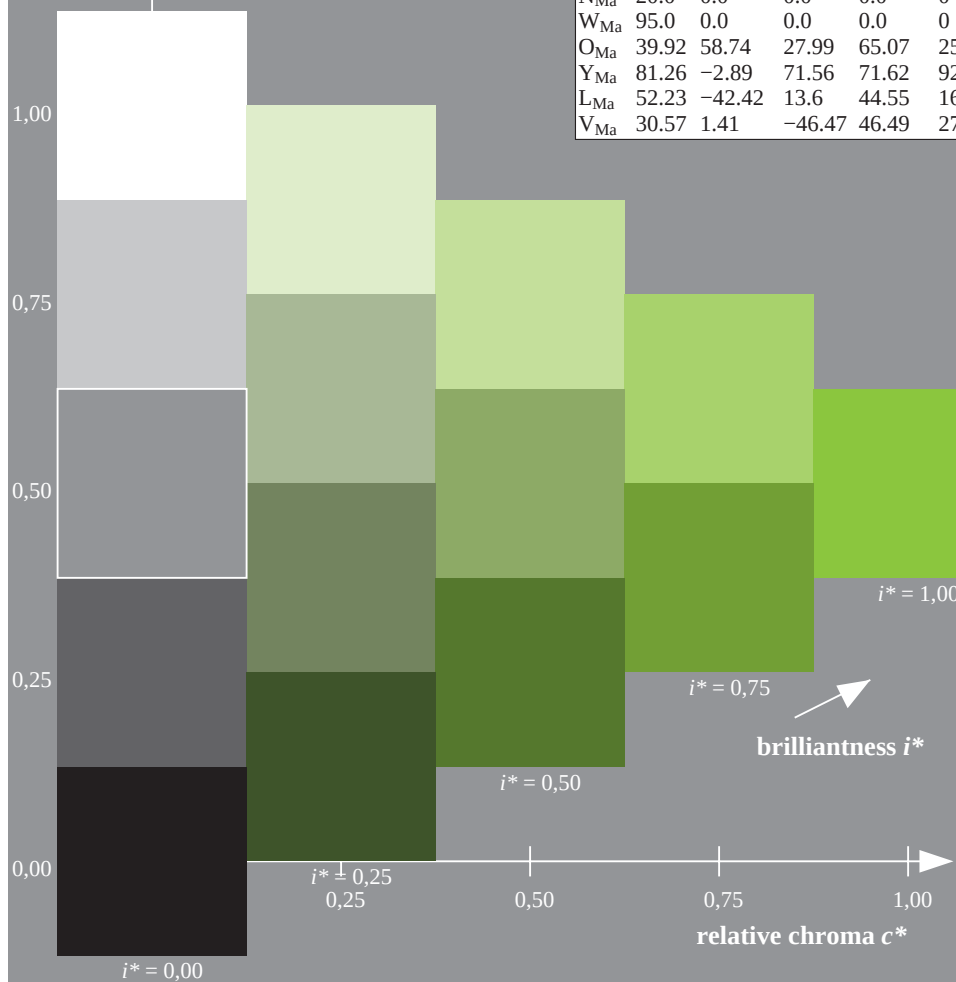
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$
data for any colour:

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

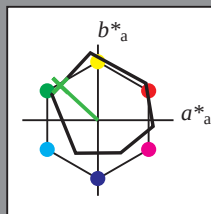
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

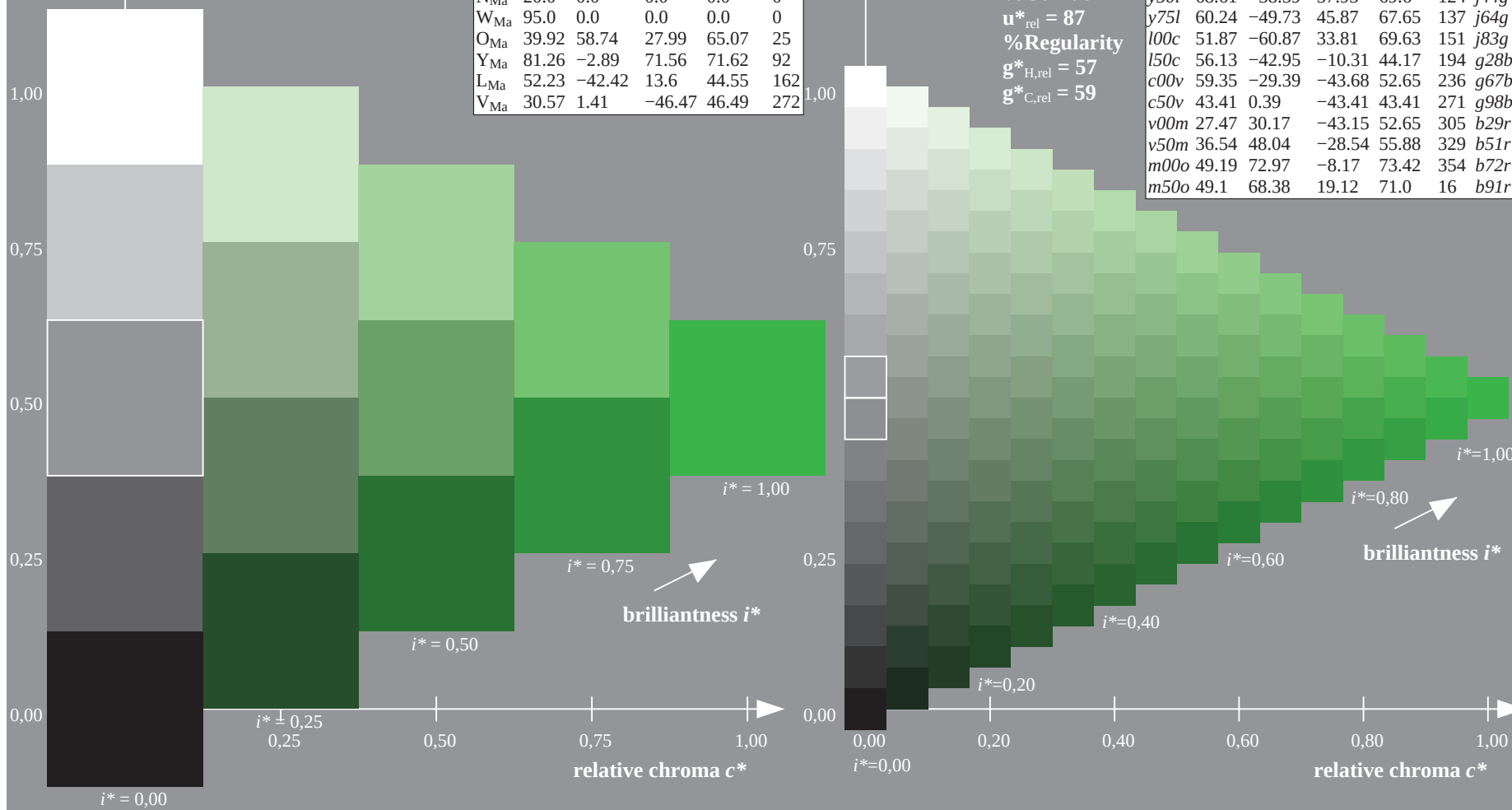
%Regularity

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

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

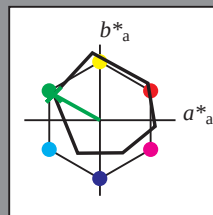
ORS18_95aM; adapted (a) CIELAB data

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 ORS18_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^*



ORS18_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

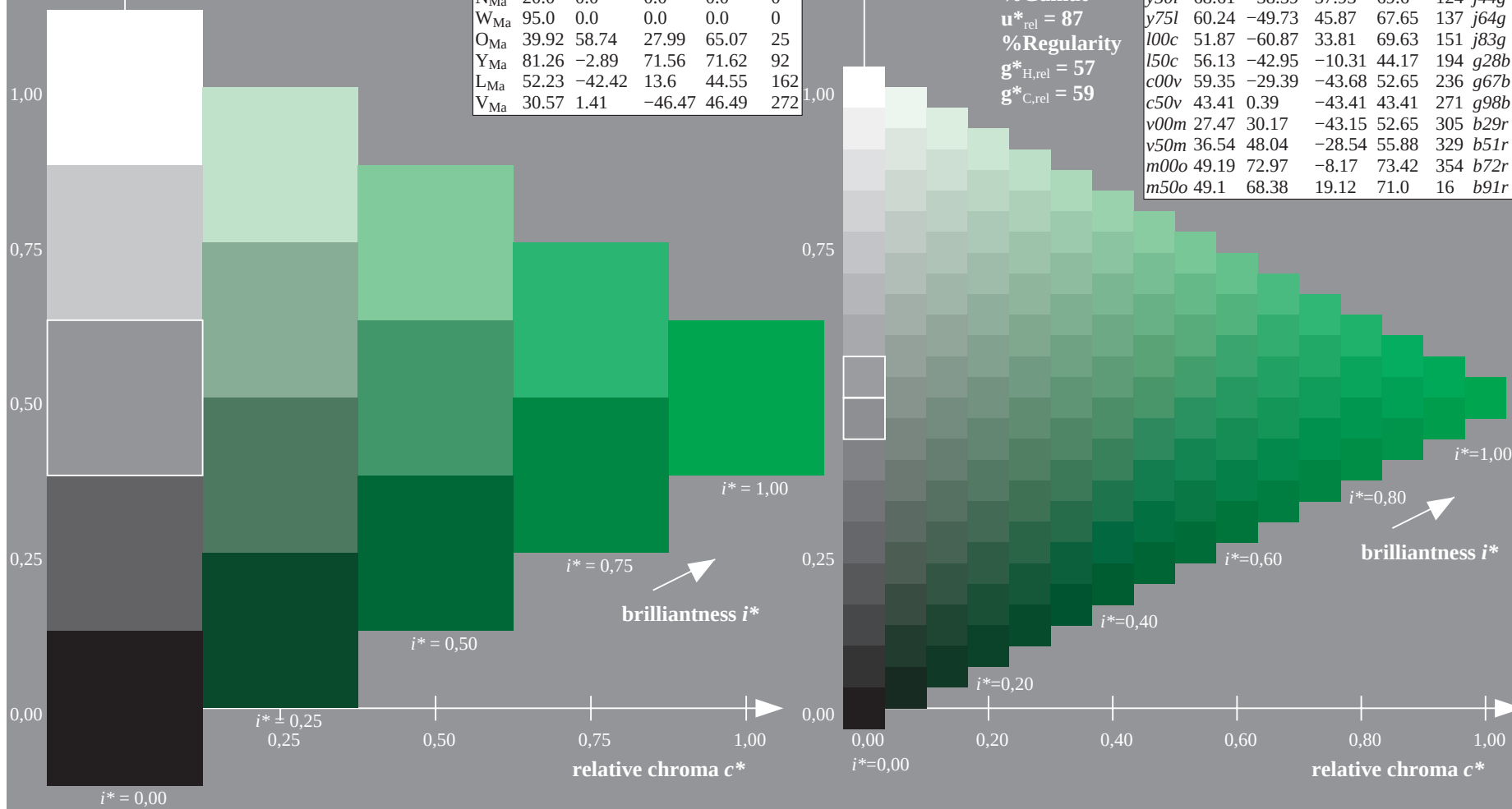
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$
data for any colour:

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

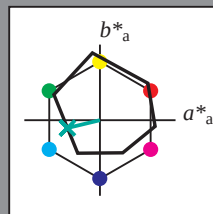
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

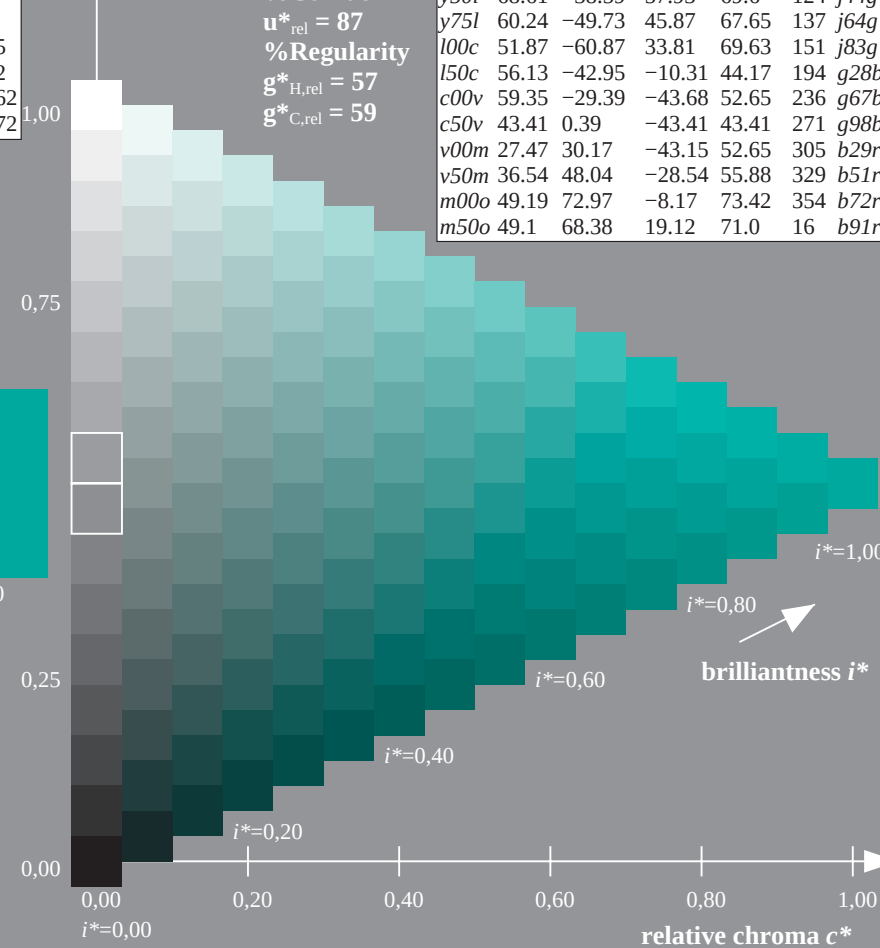
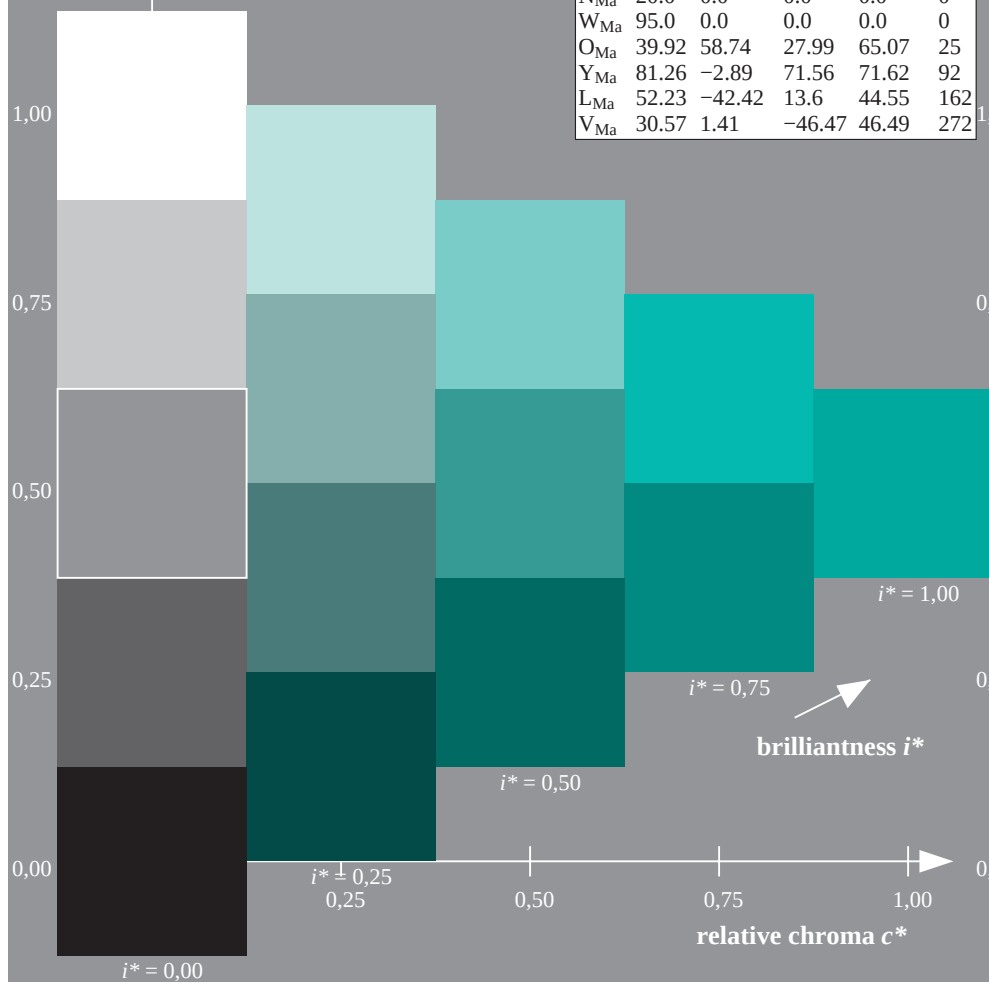
%Regularity

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

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

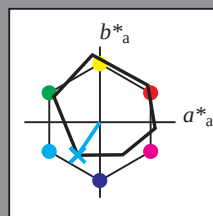
ORS18_95aM; adapted (a) CIELAB data

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 ORS18_95aM for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.656$
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^*



ORS18_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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 59 -29 -44

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

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

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

triangle lightness t^*

%Gamut

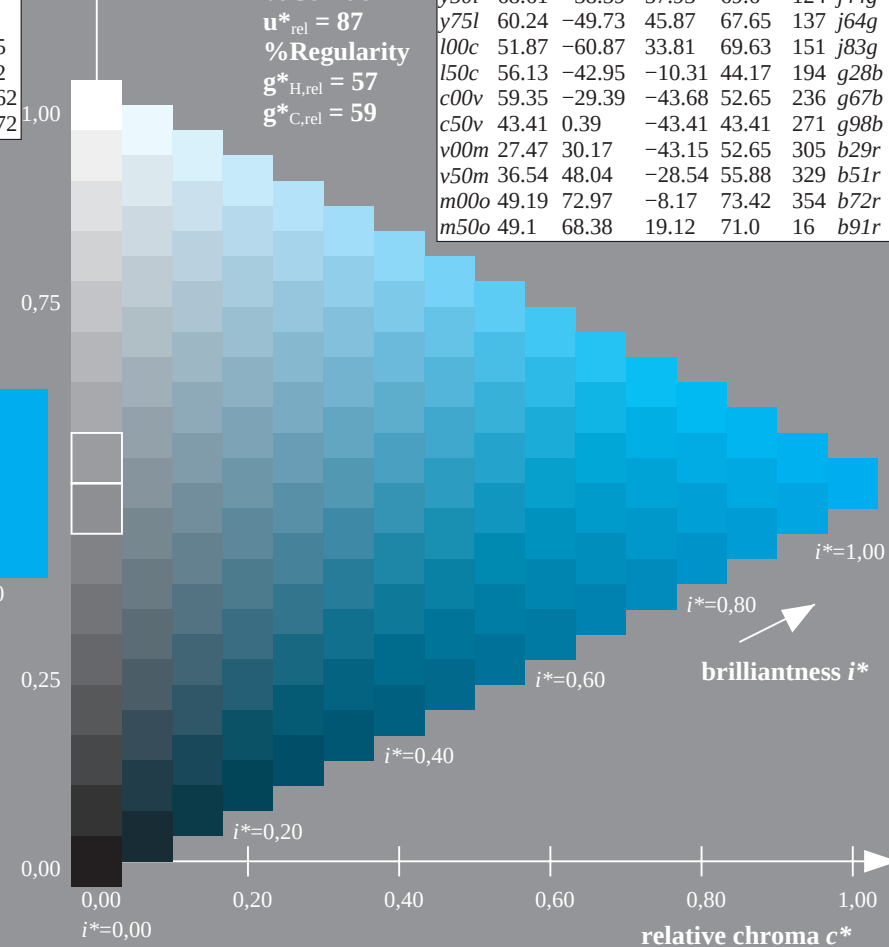
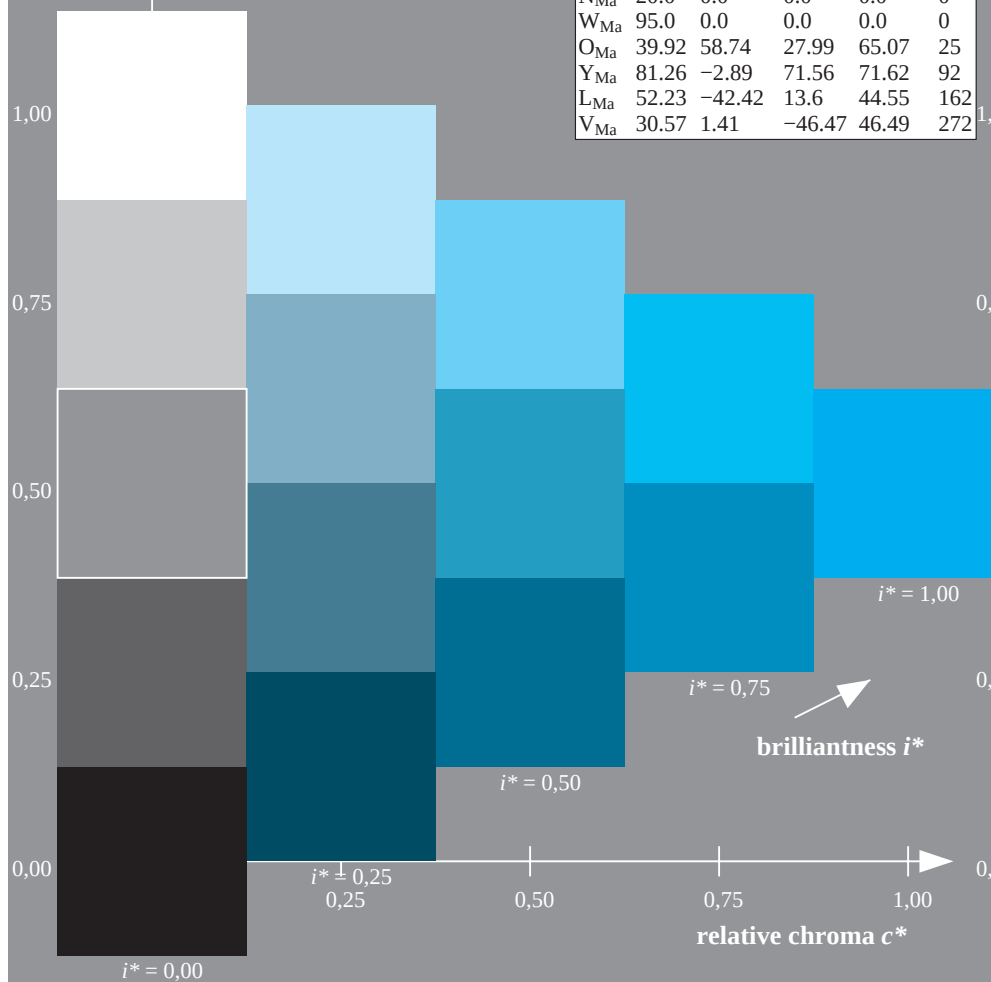
$u^*_{\text{rel}} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$
data for any colour:

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

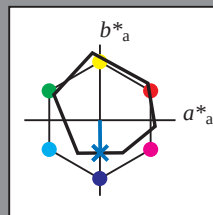
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

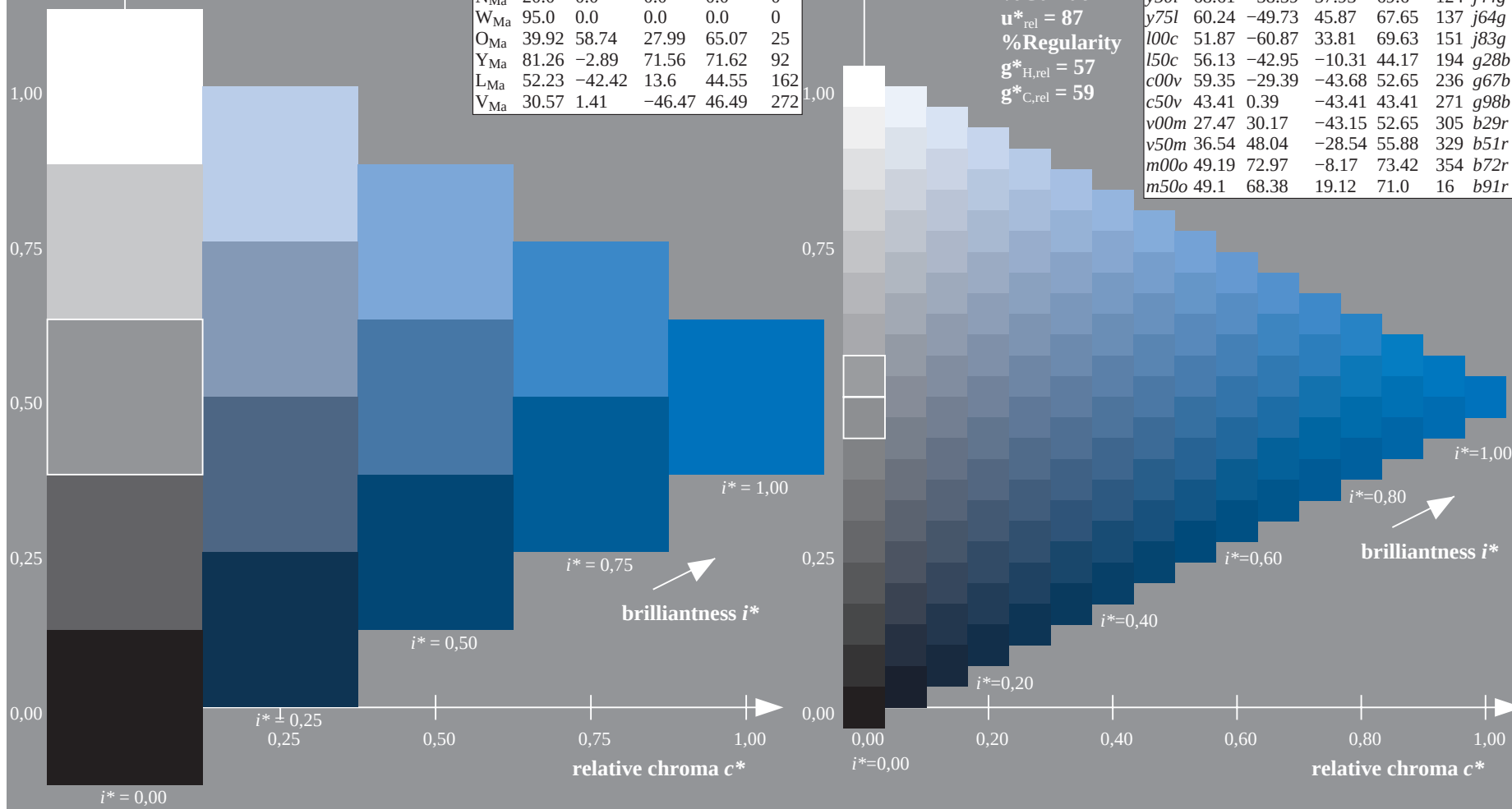
%Regularity

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

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

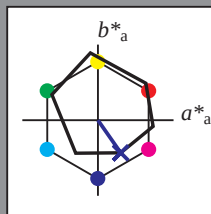
ORS18_95aM; adapted (a) CIELAB data

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 ORS18_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^*



ORS18_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

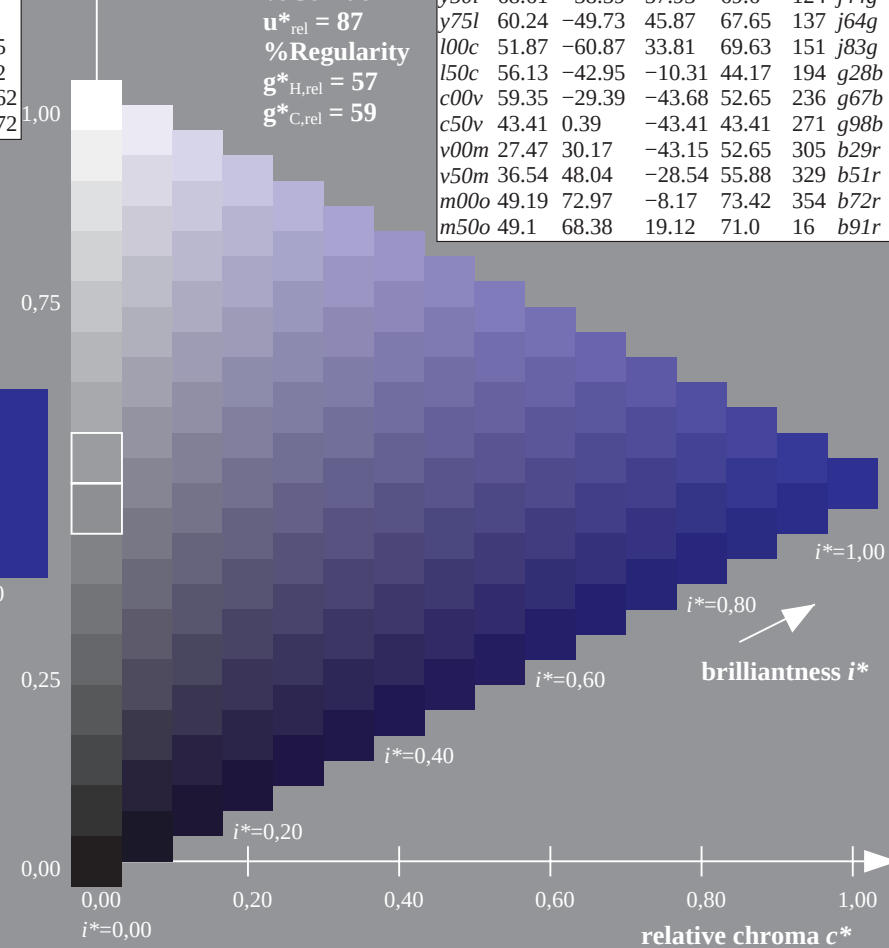
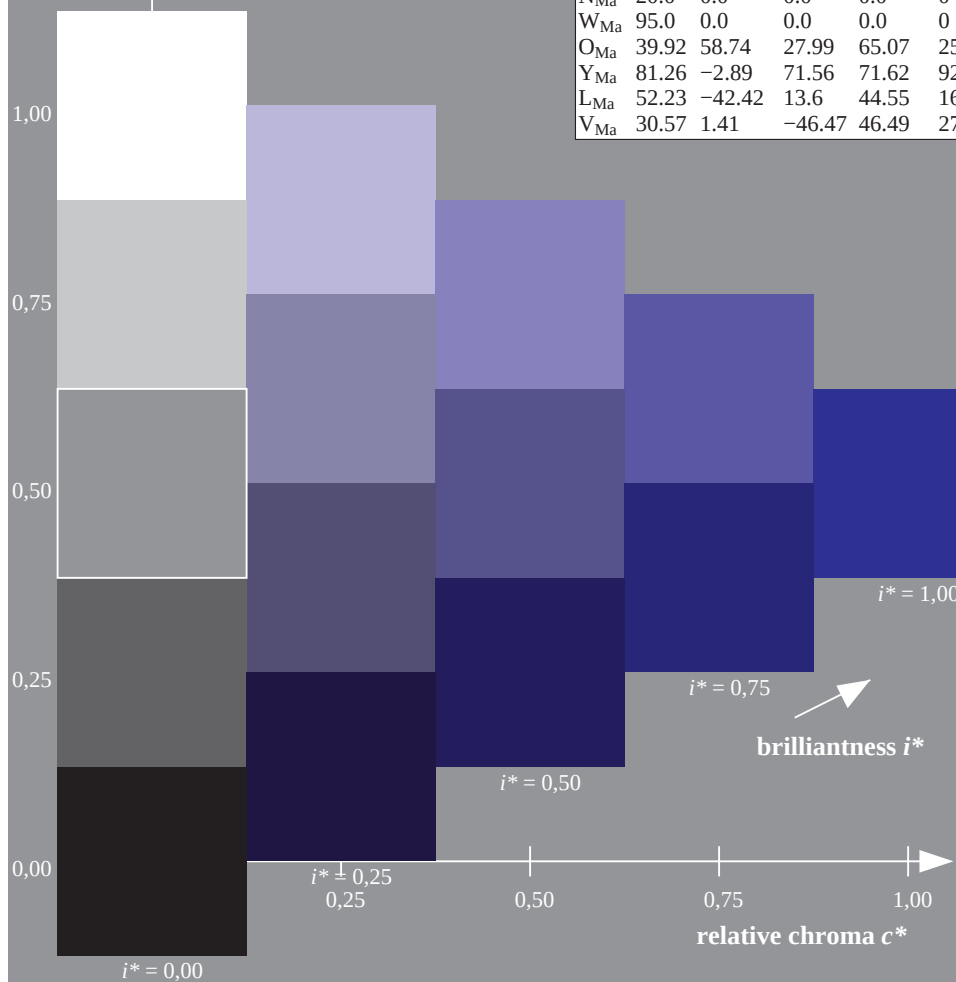
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$
data for any colour:

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

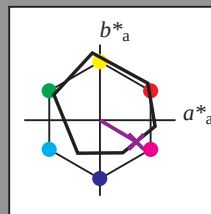
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

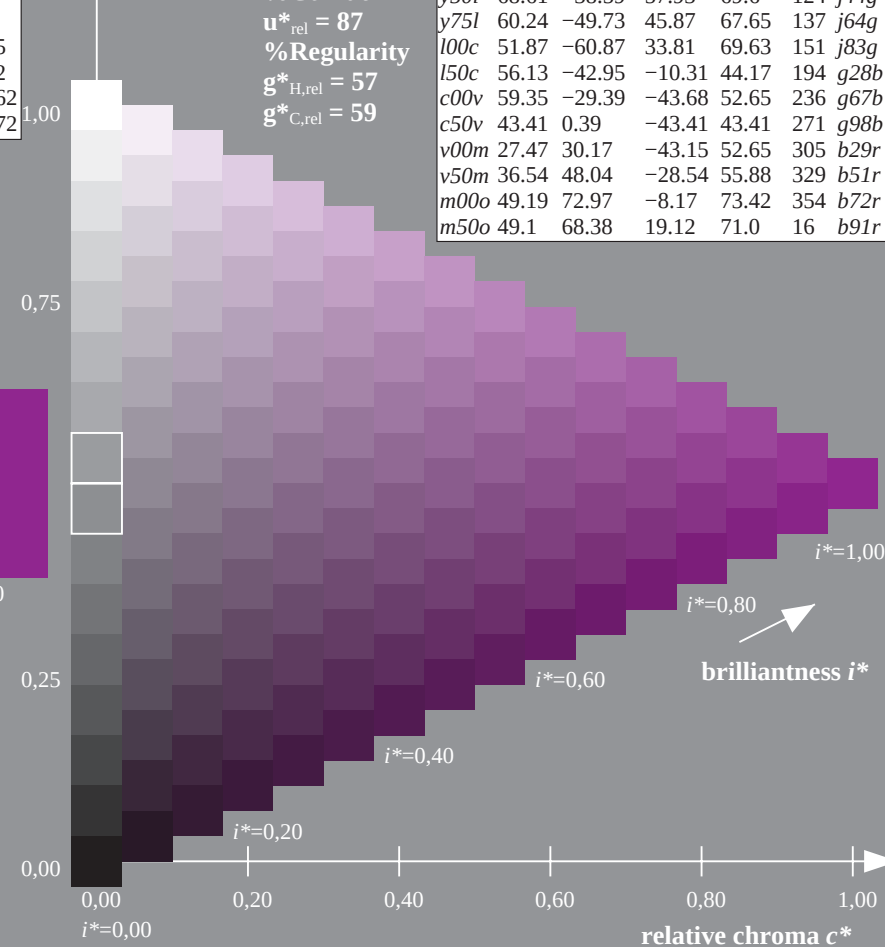
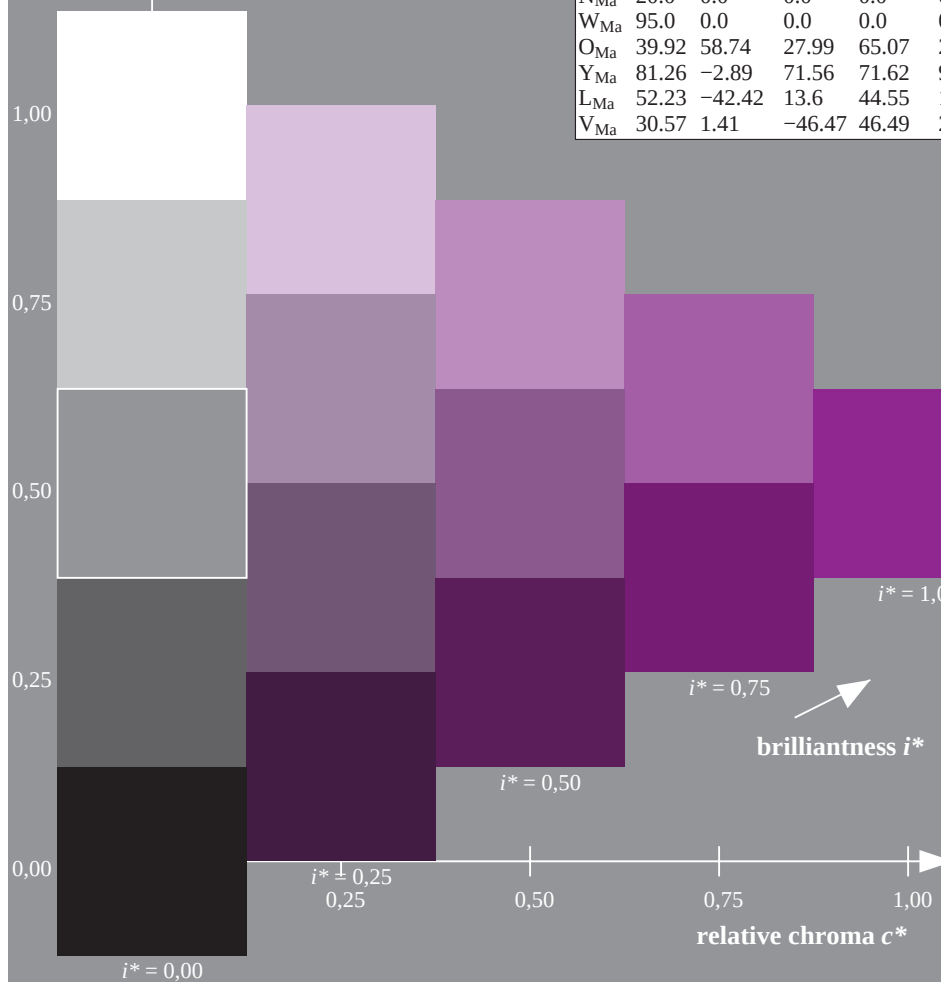
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.982$

data for any colour:

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

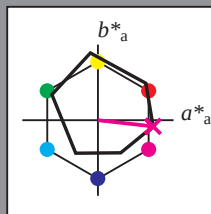
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 49 73 -8

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

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

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

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 87$

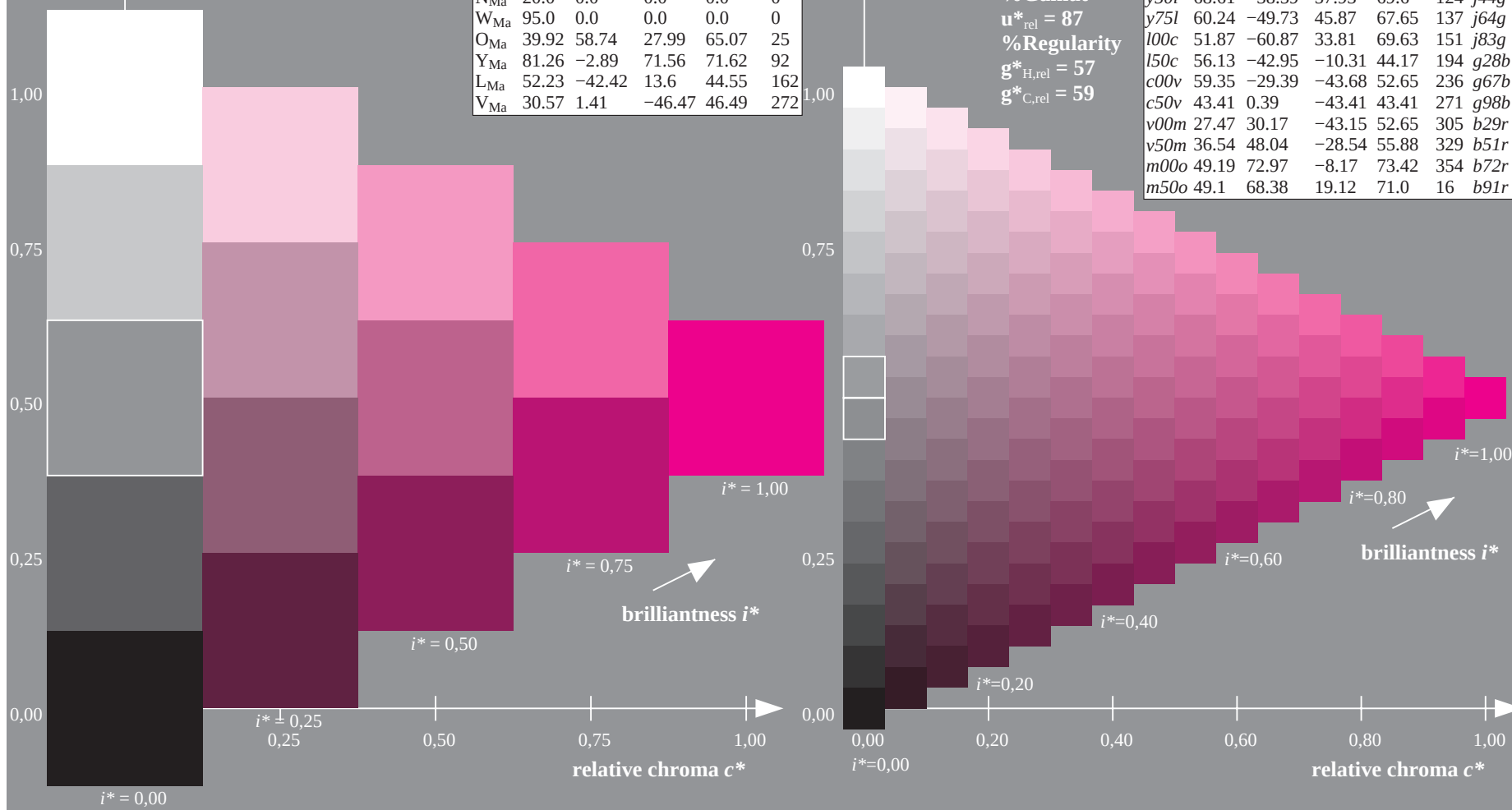
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

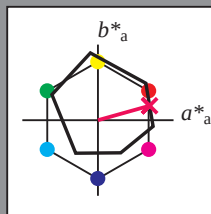
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

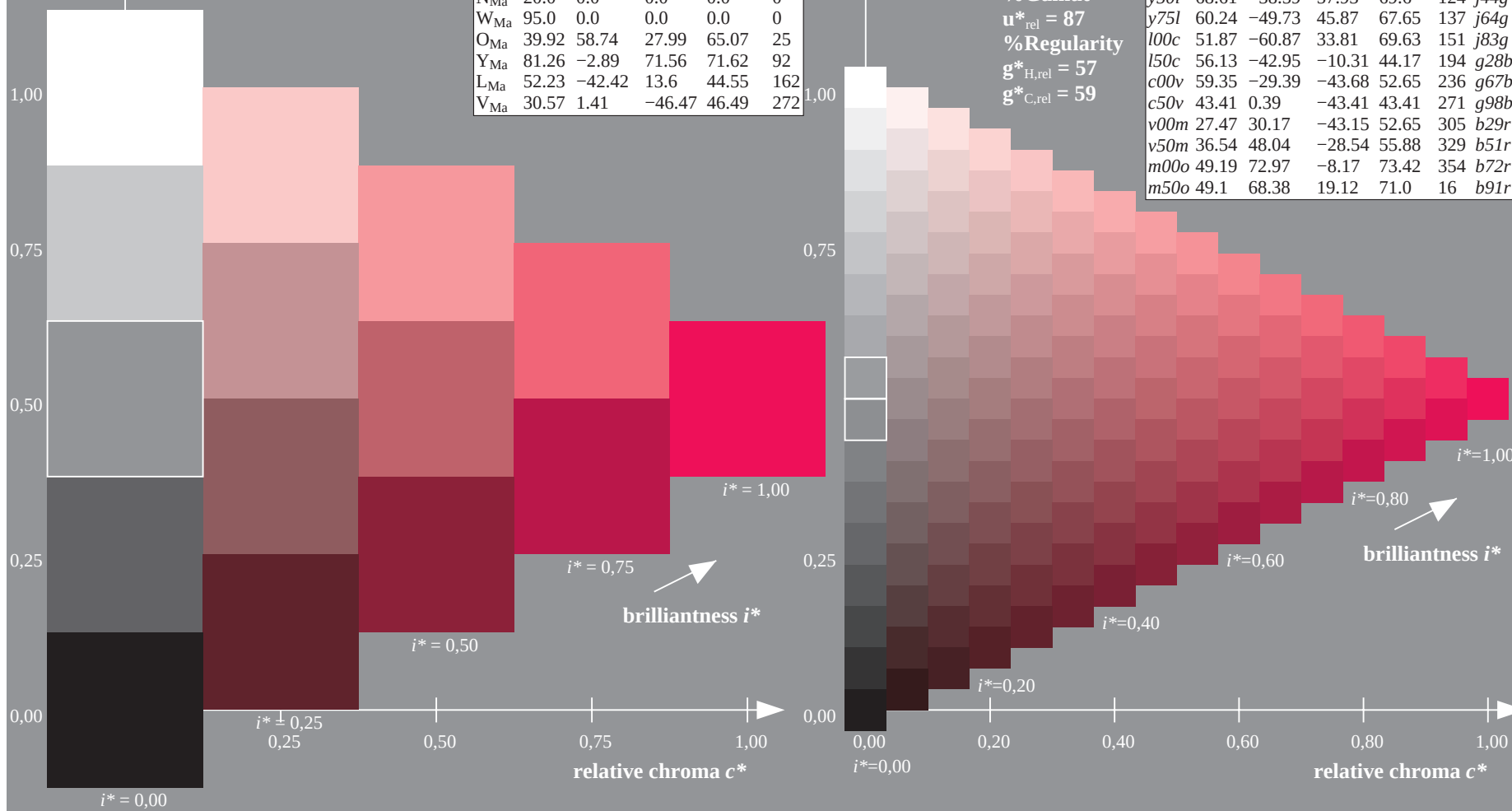
$g^*_{H,rel} = 57$

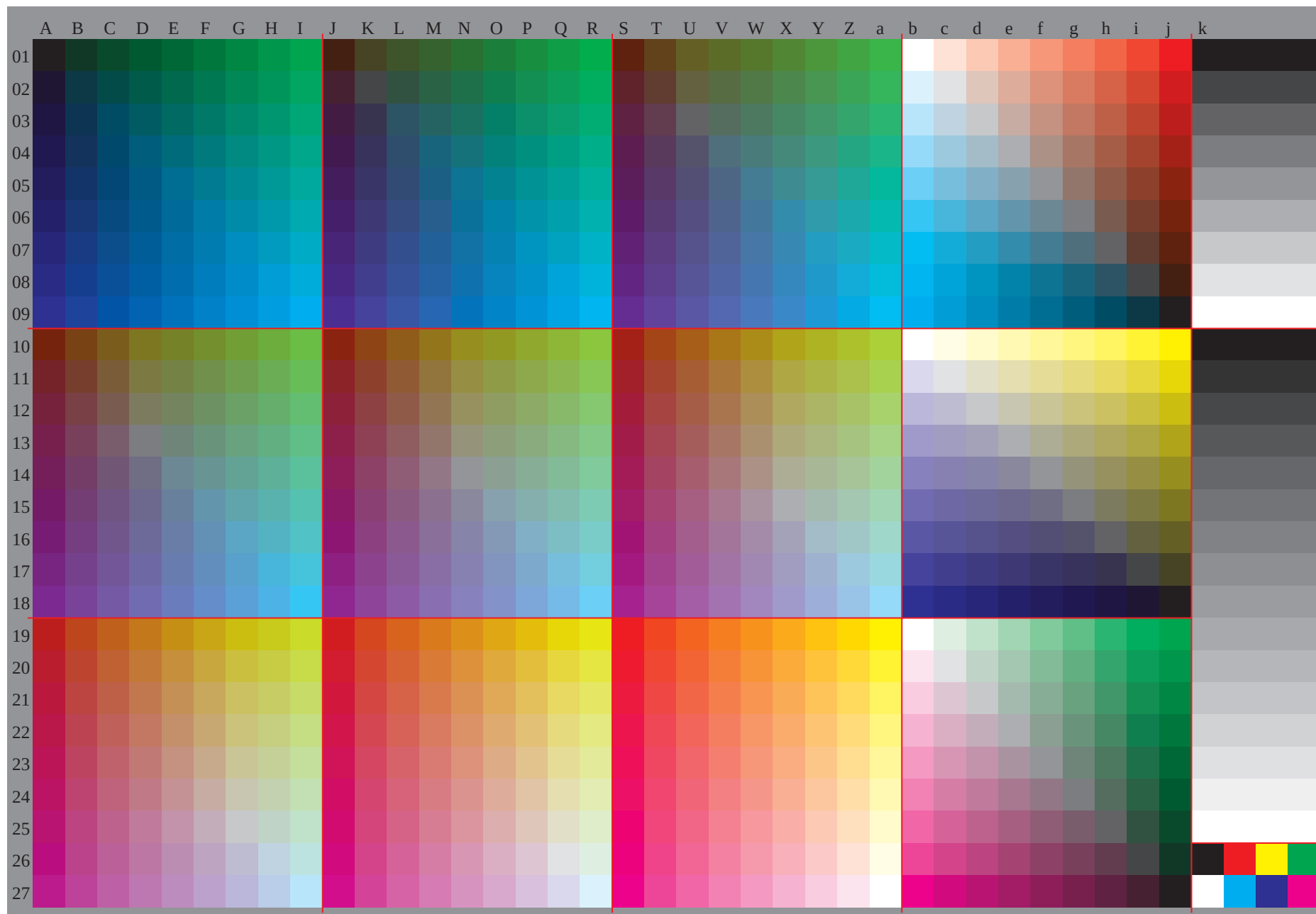
$g^*_{C,rel} = 59$

ORS18_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/Ee65/.TXT
Technical information: [http://www.ps.bam.de/Version 2.1, io=1,1, ColSpx=1](http://www.ps.bam.de/Version%202.1,%20io%3D1,%20ColSpx%3D1)

Input and output:

Colorimetric Printer Reflective System ORS18_95aM
data for any colour:

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

device hue text:

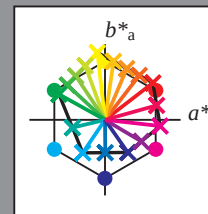
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.97$

ORS18_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

$u^*_{rel} = 87$

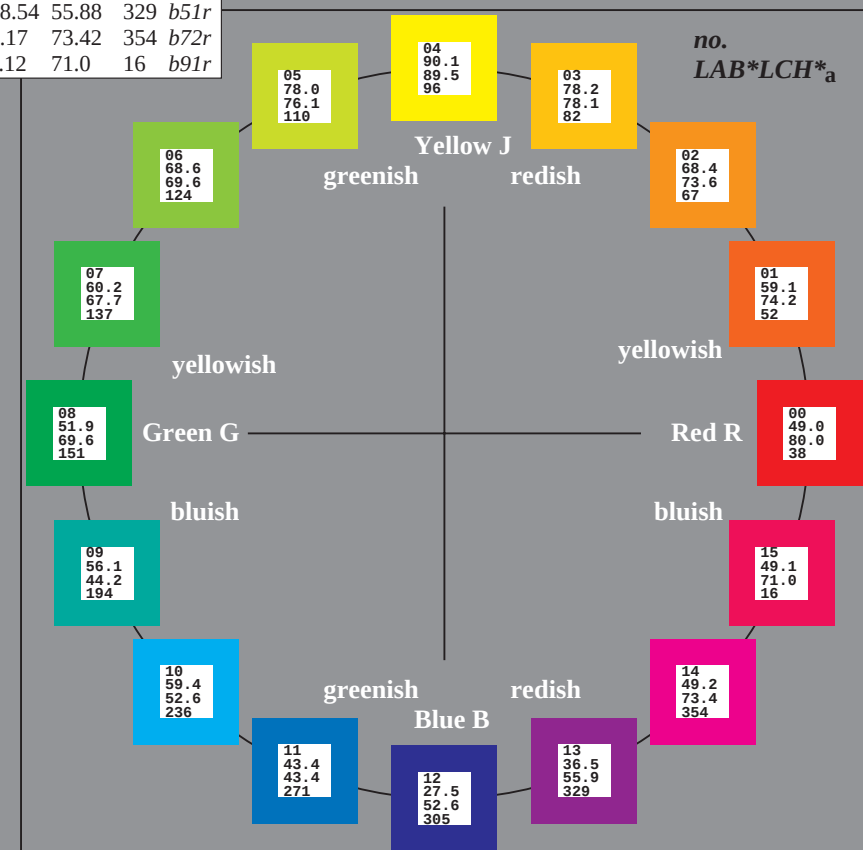
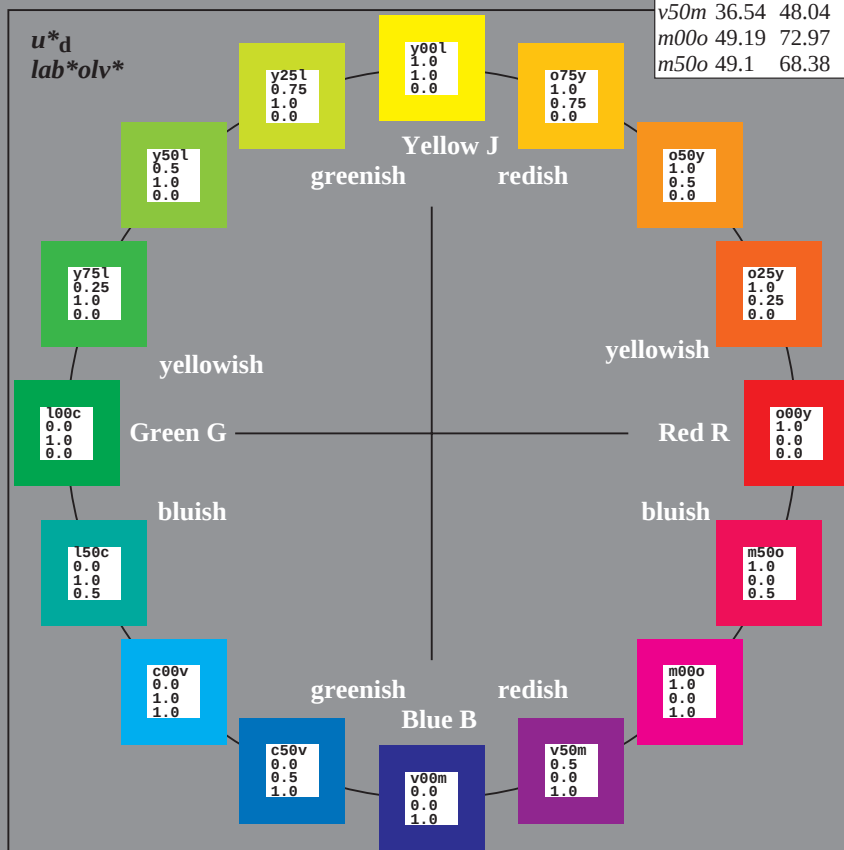
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

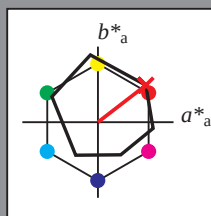
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

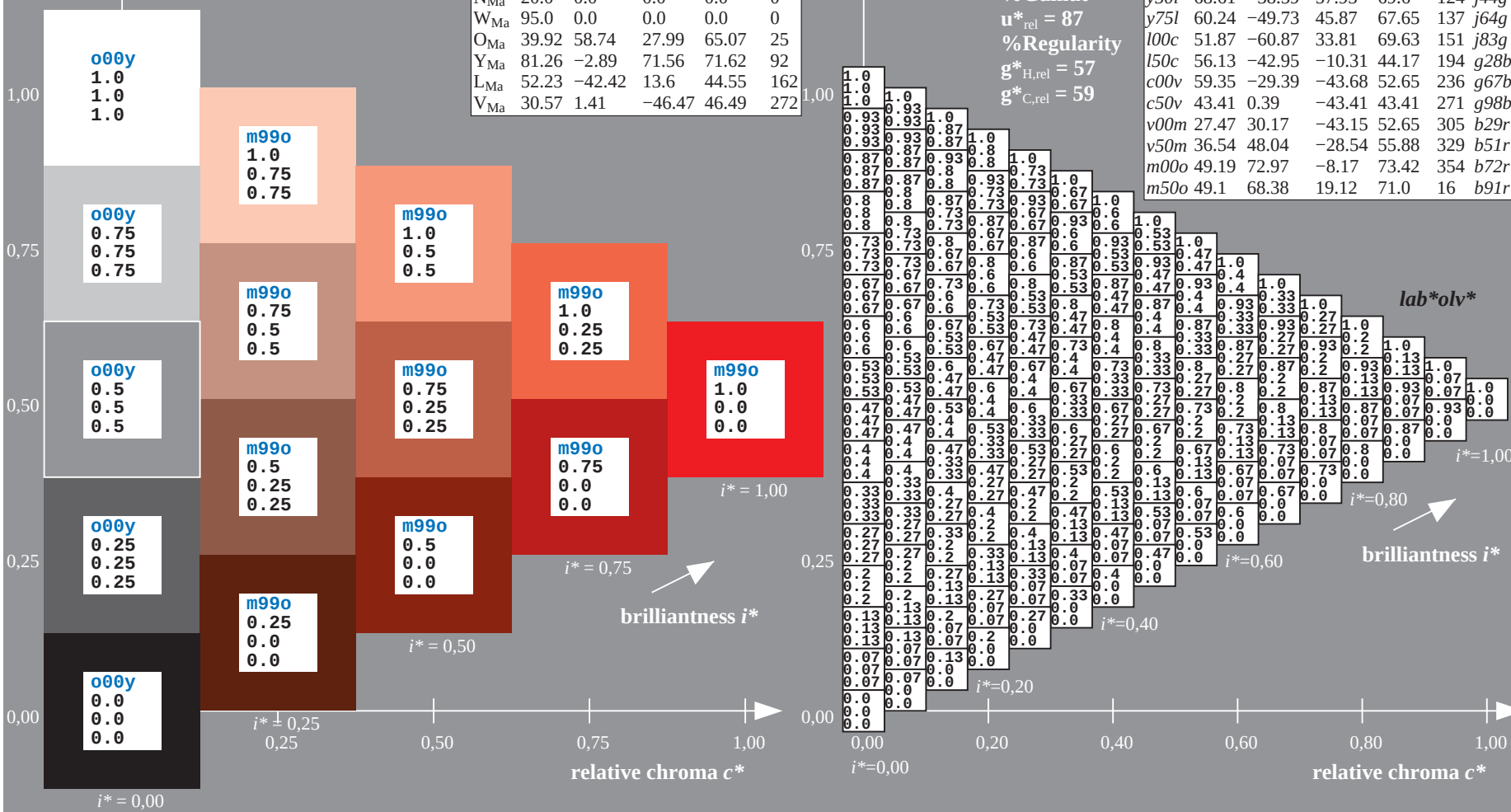
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$

data for any colour:

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

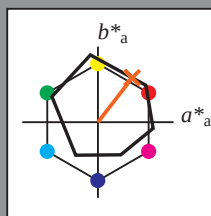
Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

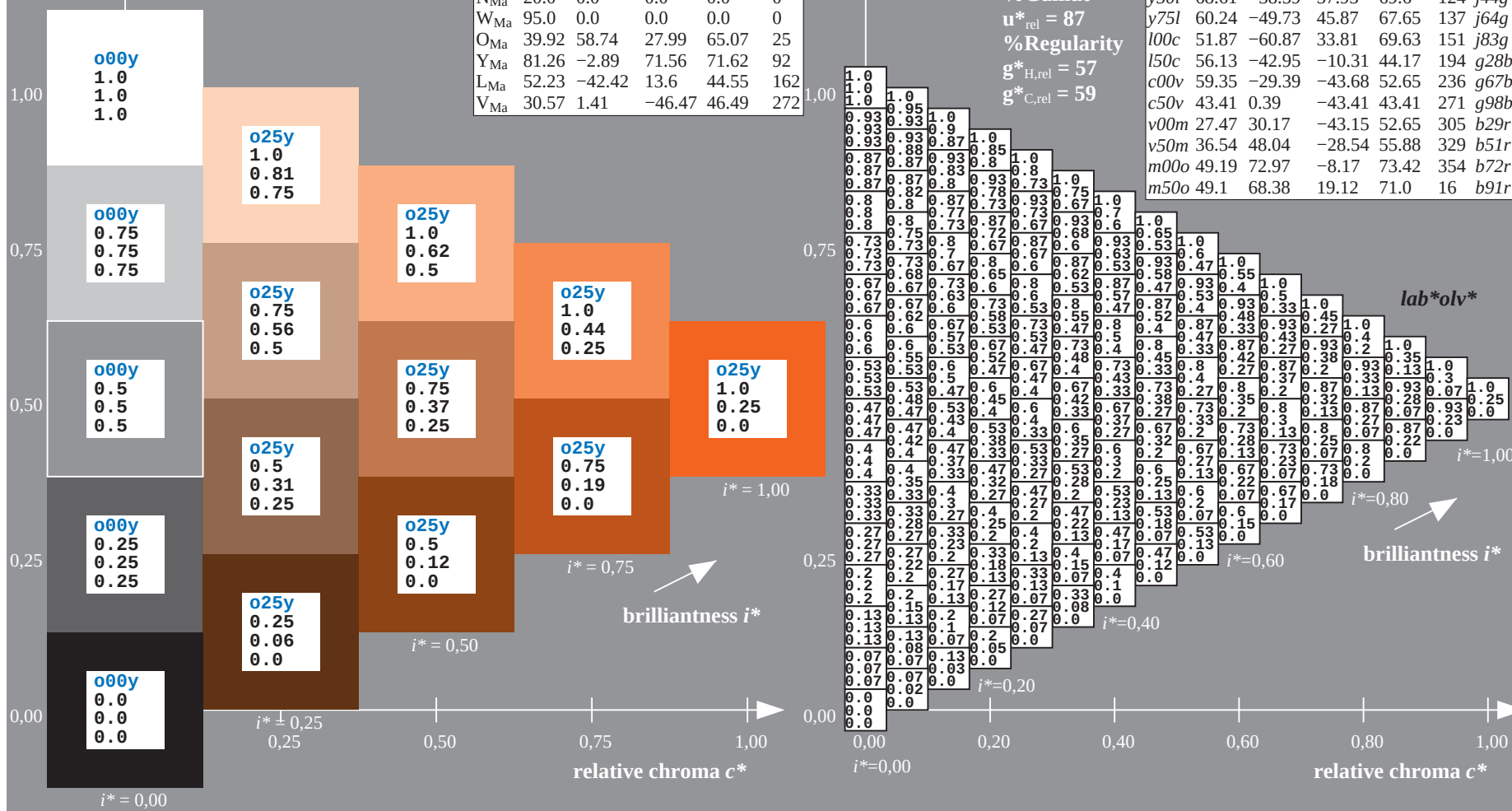
$g^*_{H,rel} = 57$

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

ORS18_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^*olv^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$

data for any colour:

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

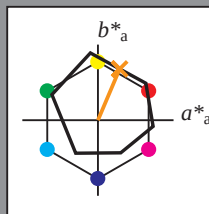
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

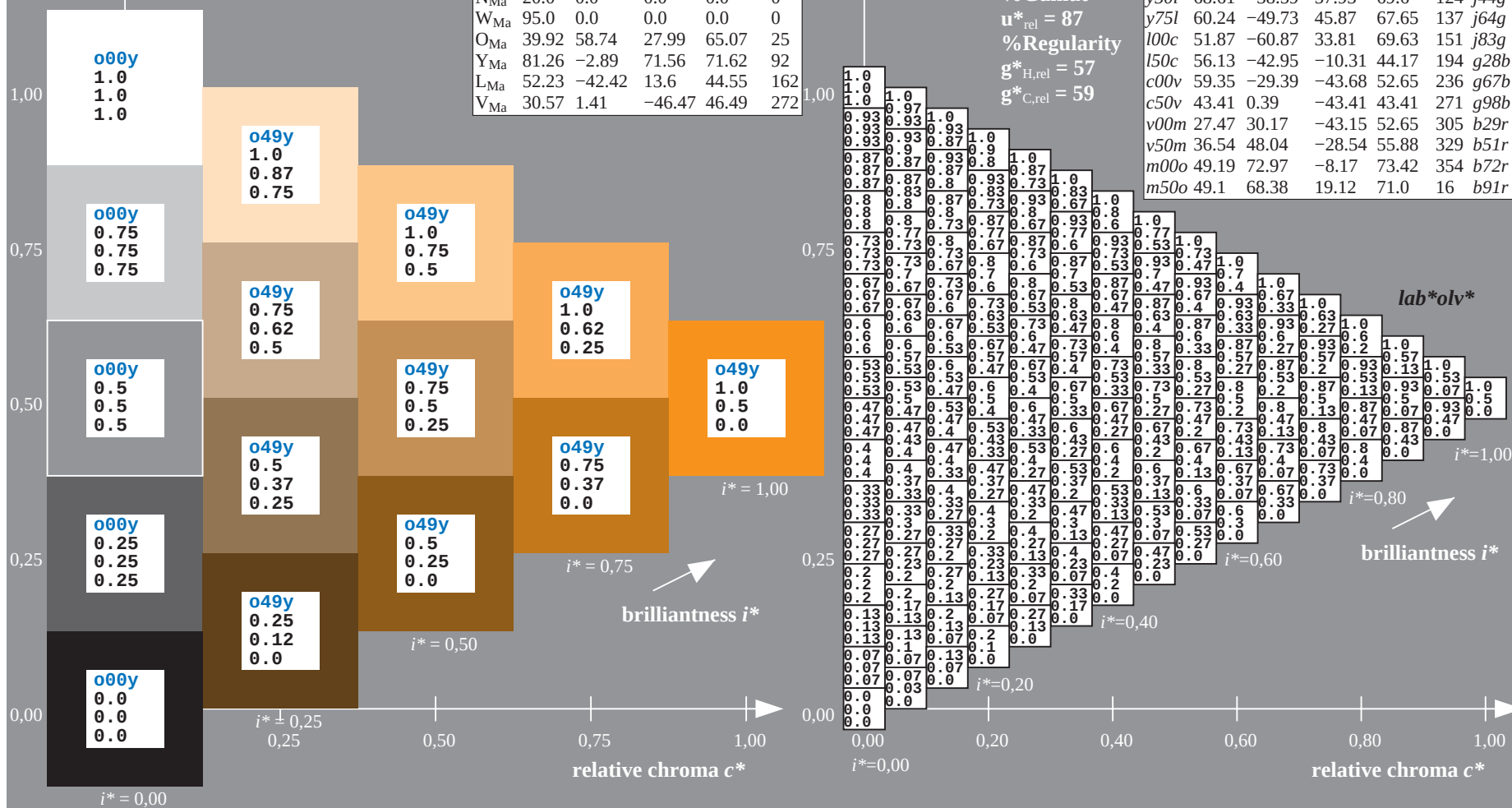
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

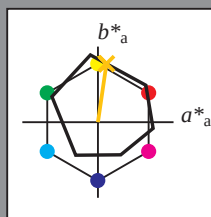
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	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^*olv^*



Input and output: Colorimetric Printer Reflective System ORS18_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^*



ORS18_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

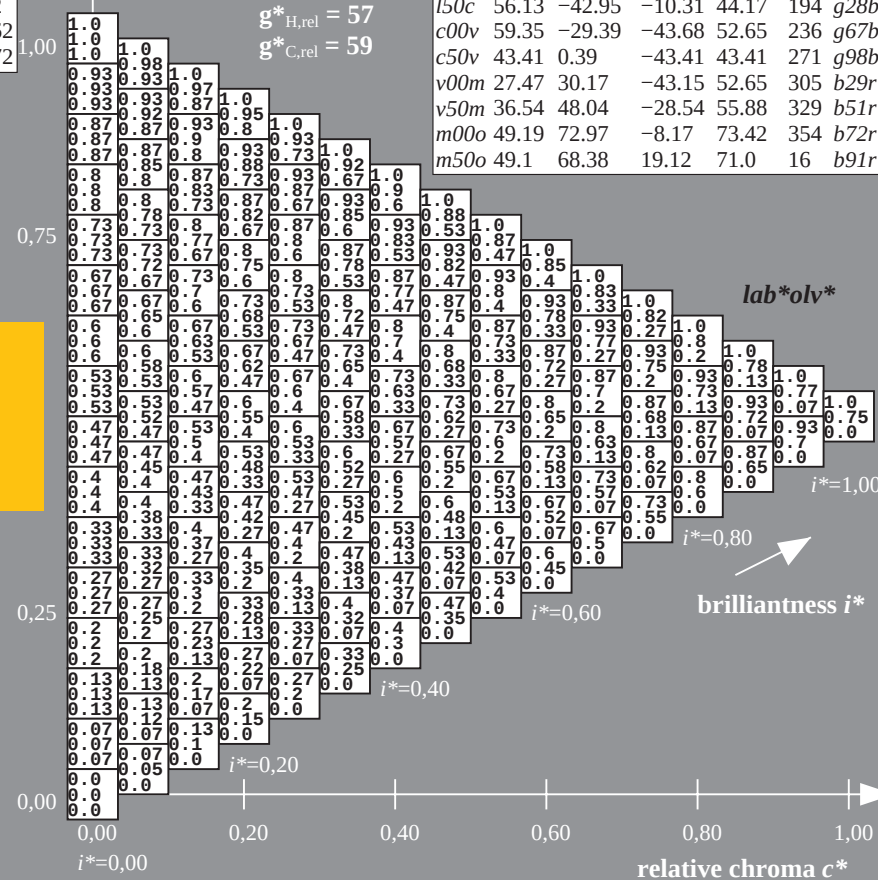
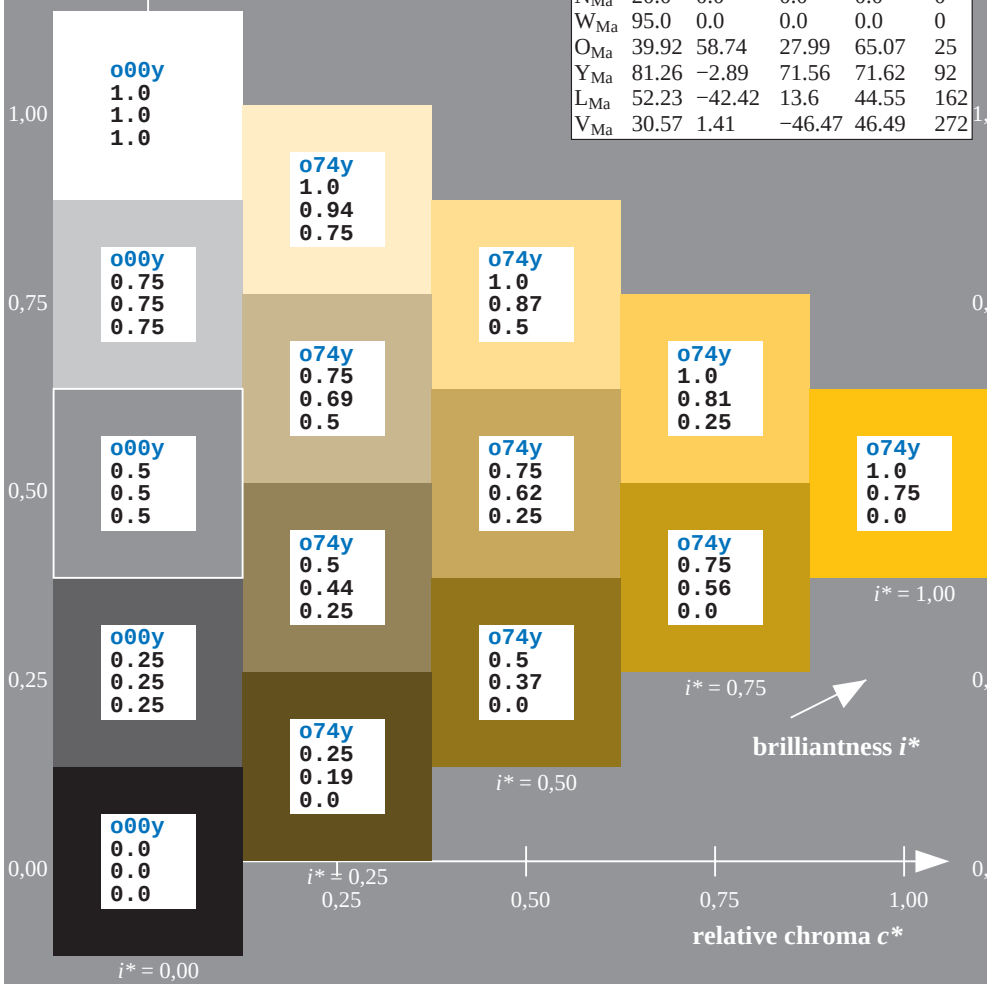
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

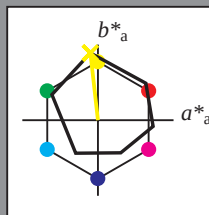
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

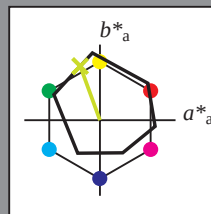
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

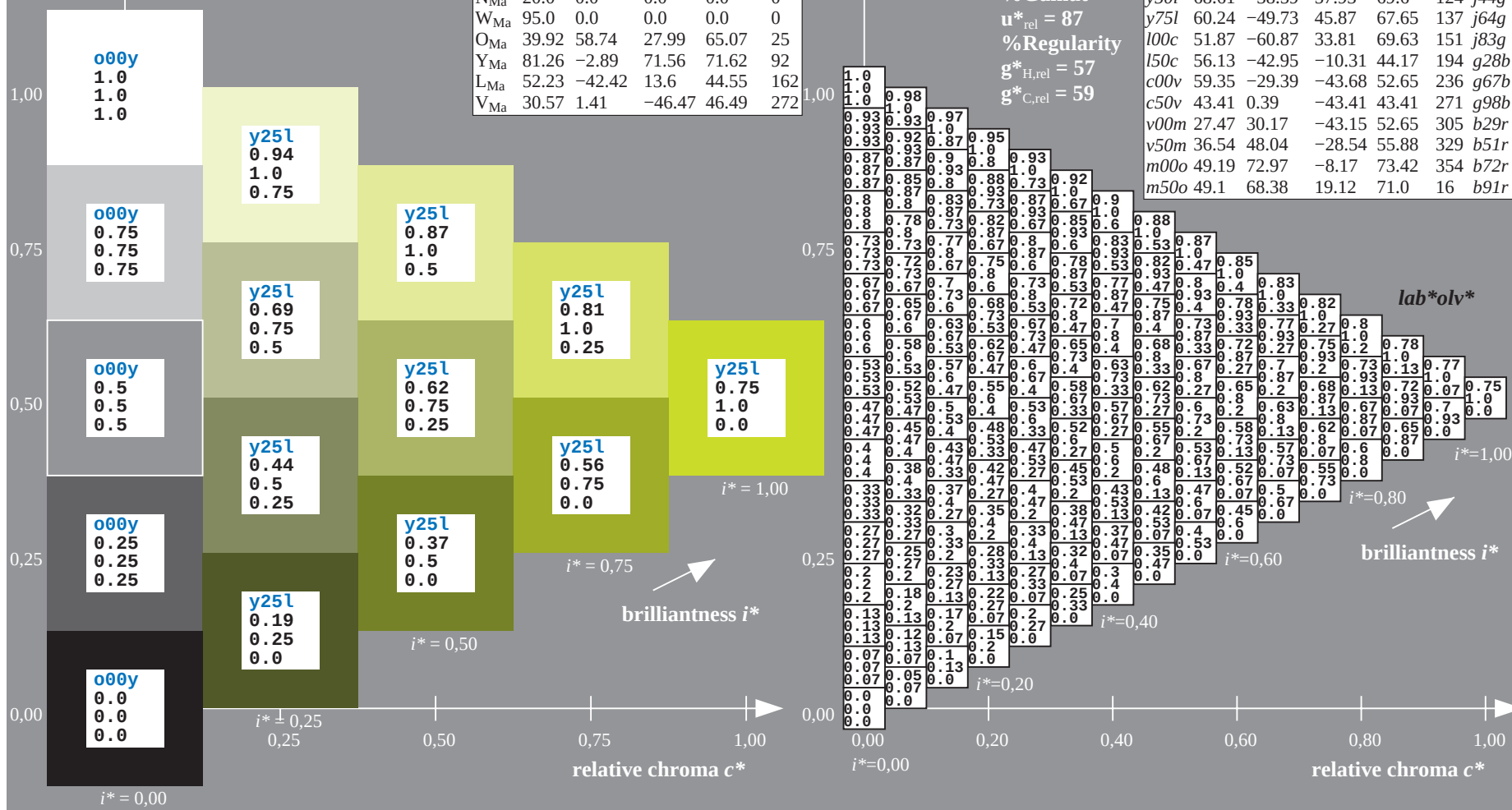
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

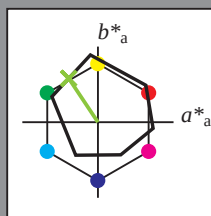
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

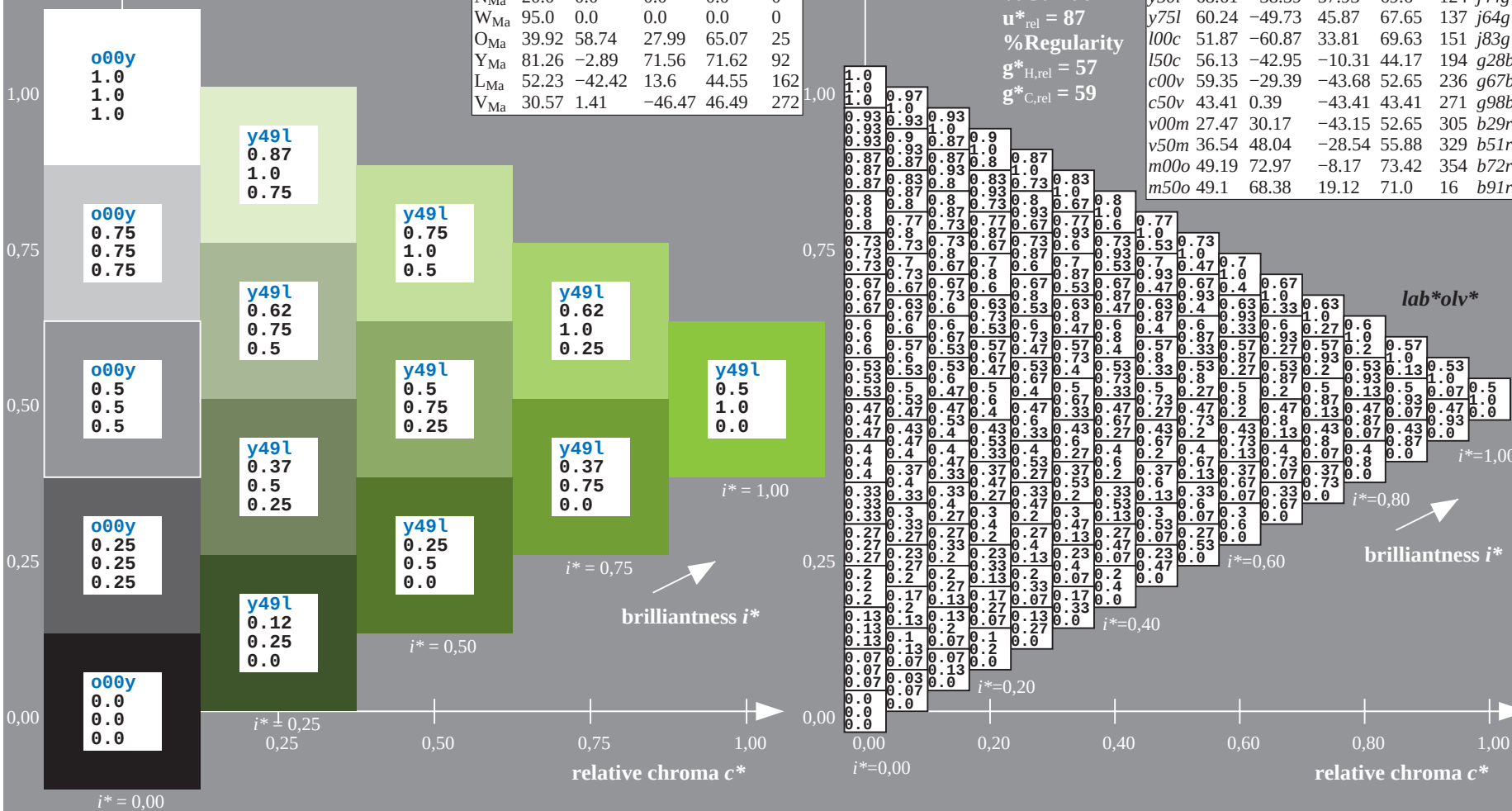
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:

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

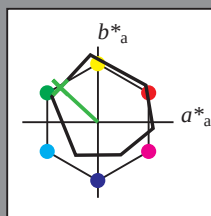
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

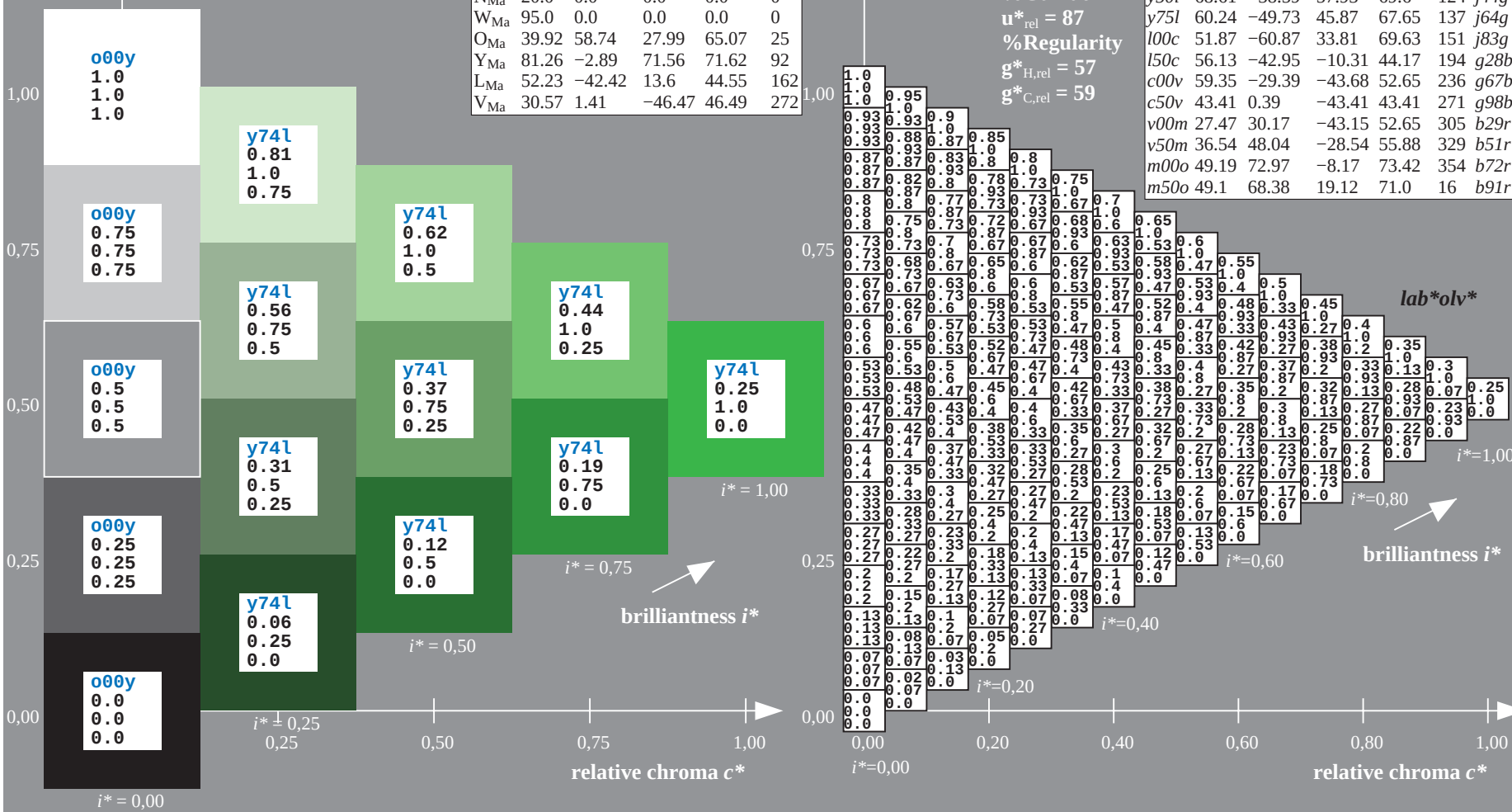
$g^*_{H,rel} = 57$

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

ORS18_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

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

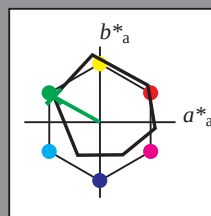
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

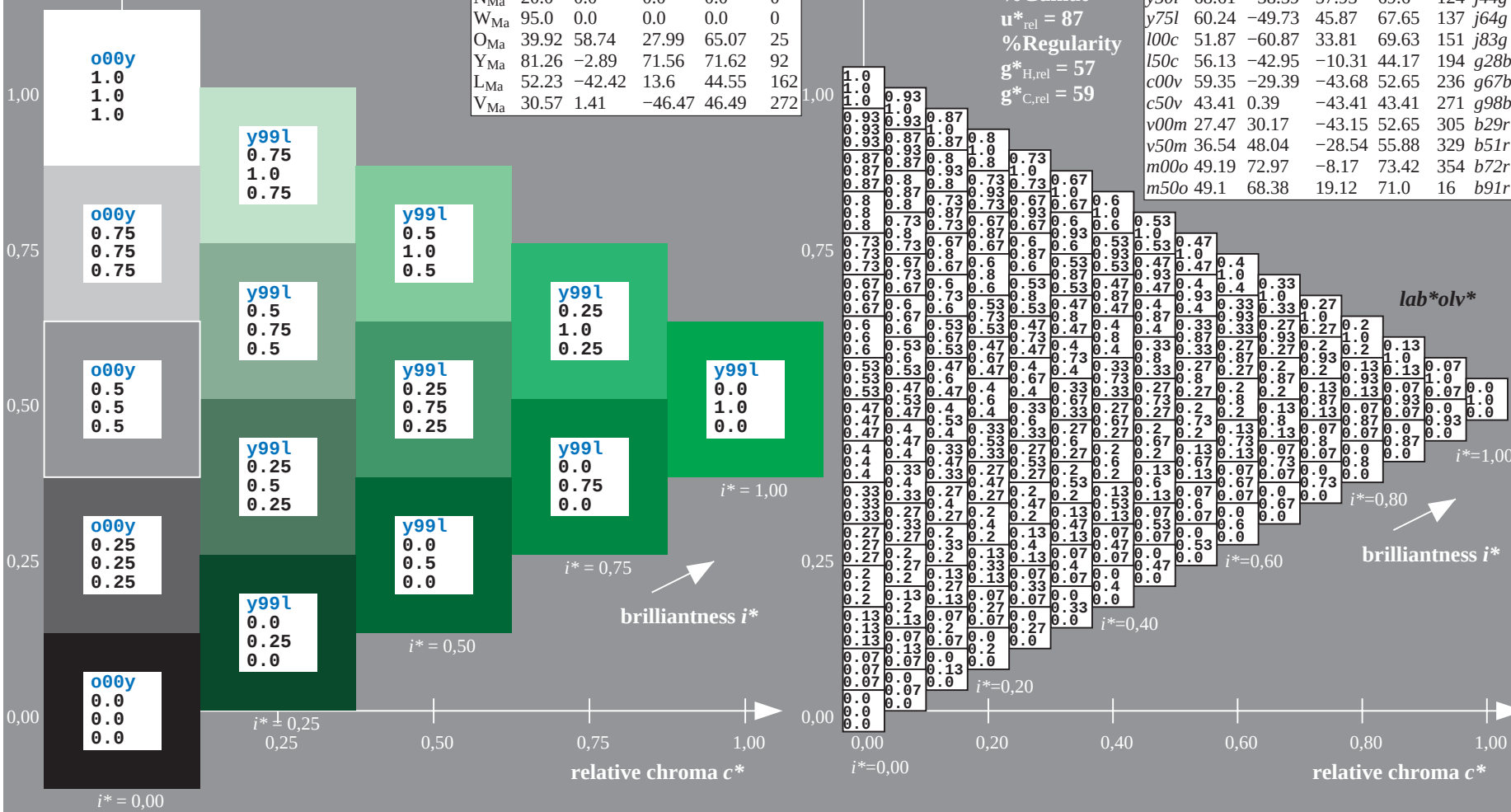
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$

data for any colour:

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

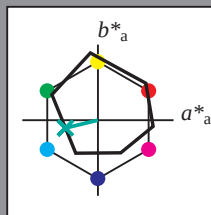
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

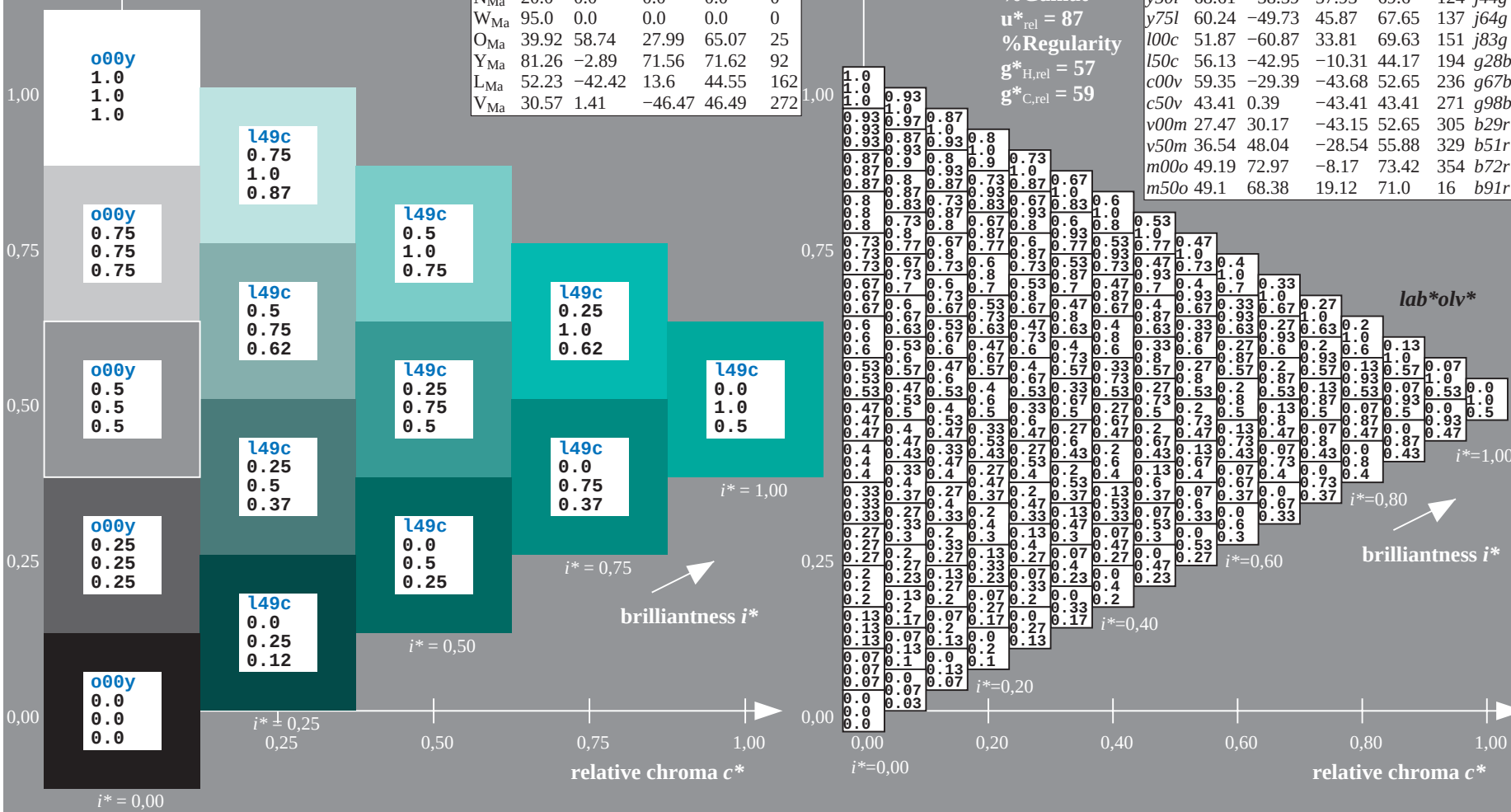
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

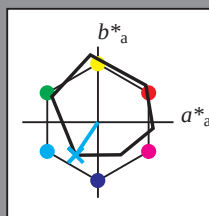
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

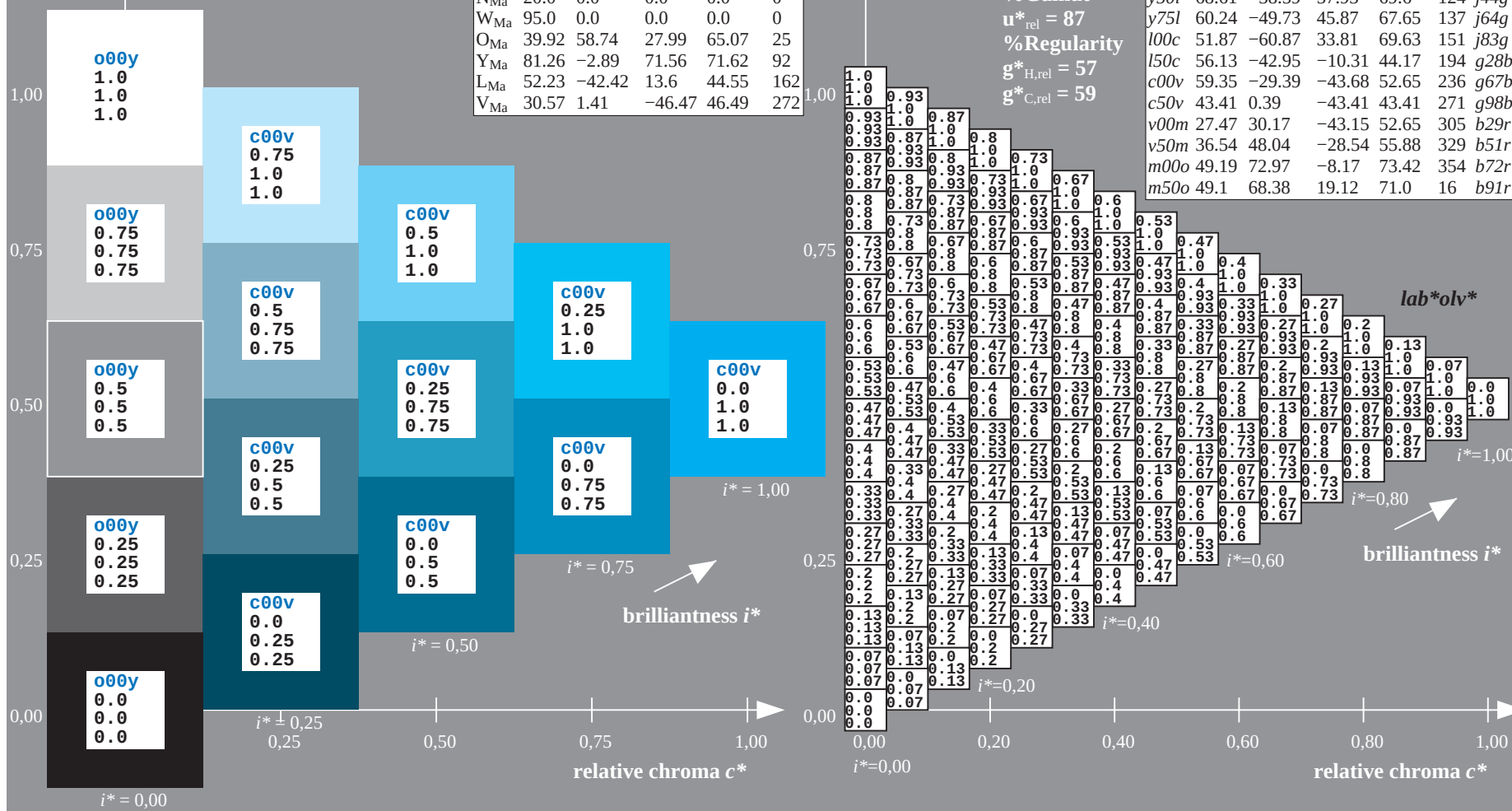
$g^*_{H,rel} = 57$

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

ORS18_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^*olv^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

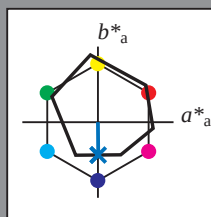
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$

data for any colour:

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

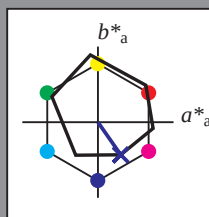
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

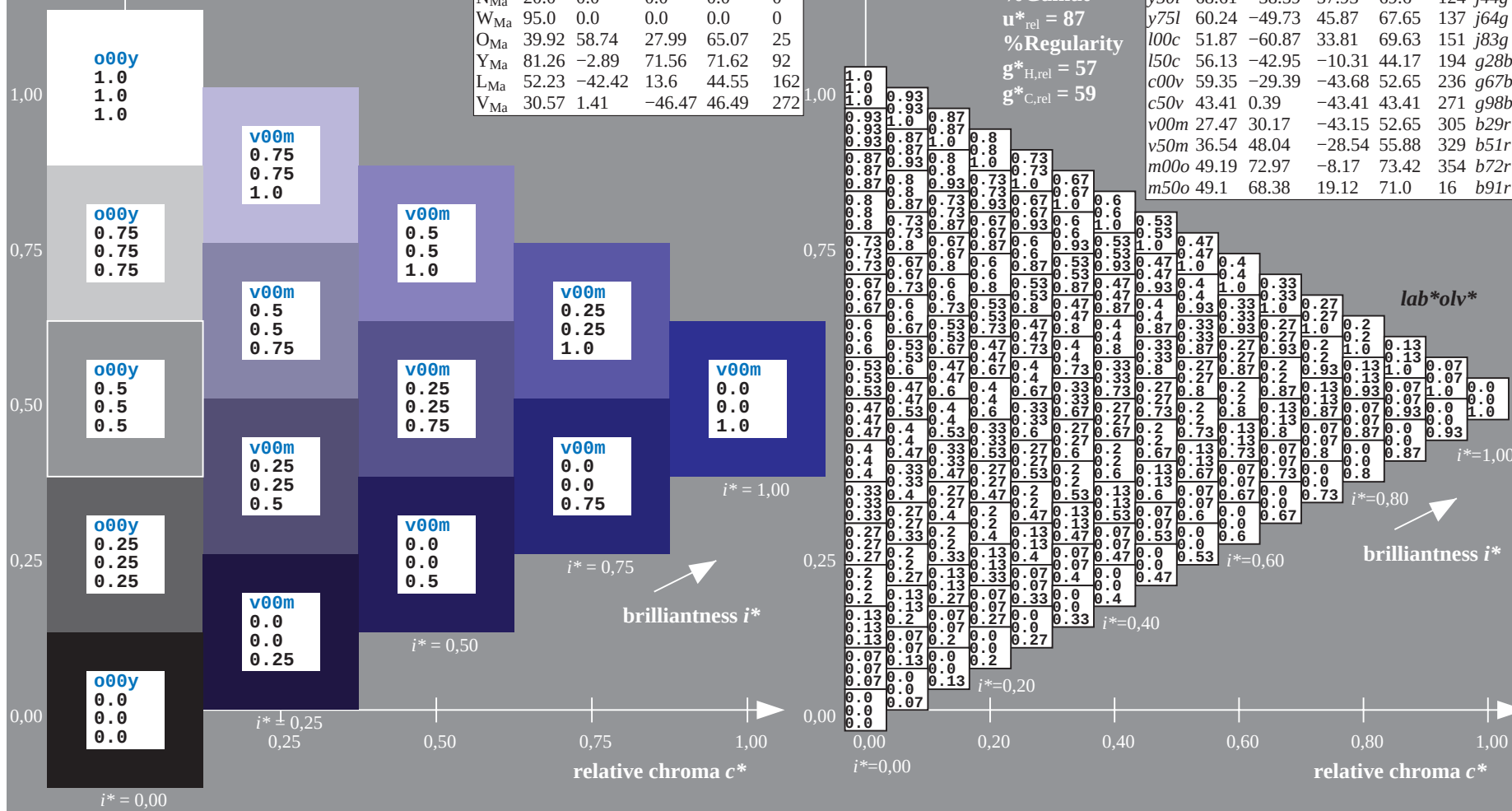
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$

data for any colour:

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

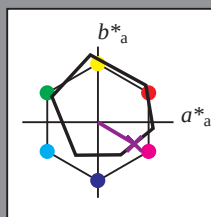
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$

data for any colour:

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

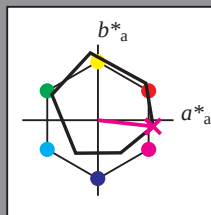
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

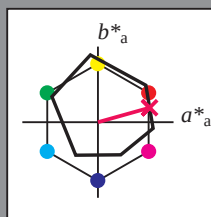
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

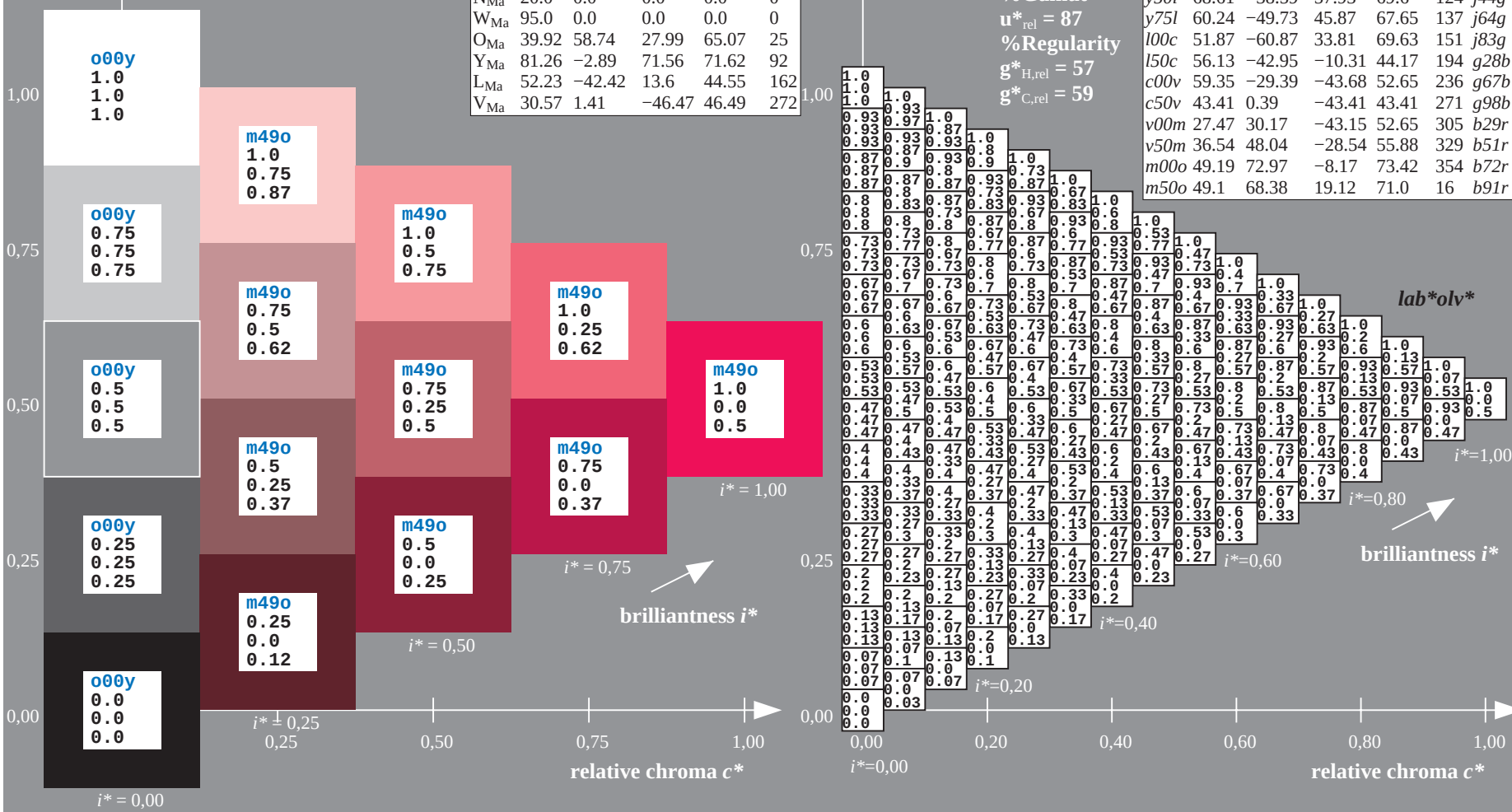
$g^*_{H,rel} = 57$

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

ORS18_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^*



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*oly*					
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	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	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	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	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13	0.13	0.13
	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	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	0.13	0.13	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25	0.25	0.25
03	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25	0.25	
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25	0.25	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38	0.38	0.38
04	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	0.38	0.38	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	0.38	0.37	0.37	0.37	0.37	0.37	0.37	1.0	0.98	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	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63	0.63	
	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	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	0.63	0.63	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63	0.63	
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	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	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	0.75	0.75	
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.88	0.88	0.88	0.88		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	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	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88	0.88	0.88	
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	1.0	1.0	1.0	1.0	1.0	1.0	
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0			
10	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0		
	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
11	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87			
	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	0.89	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.87	0.87	0.87			
	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	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	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13	0.13		
	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13	0.13	
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0								

Input and output:

Colorimetric Printer Reflective System ORS18_95aM
data for any colour:

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

device hue text:

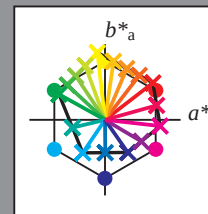
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS18_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

$u^*_{rel} = 87$

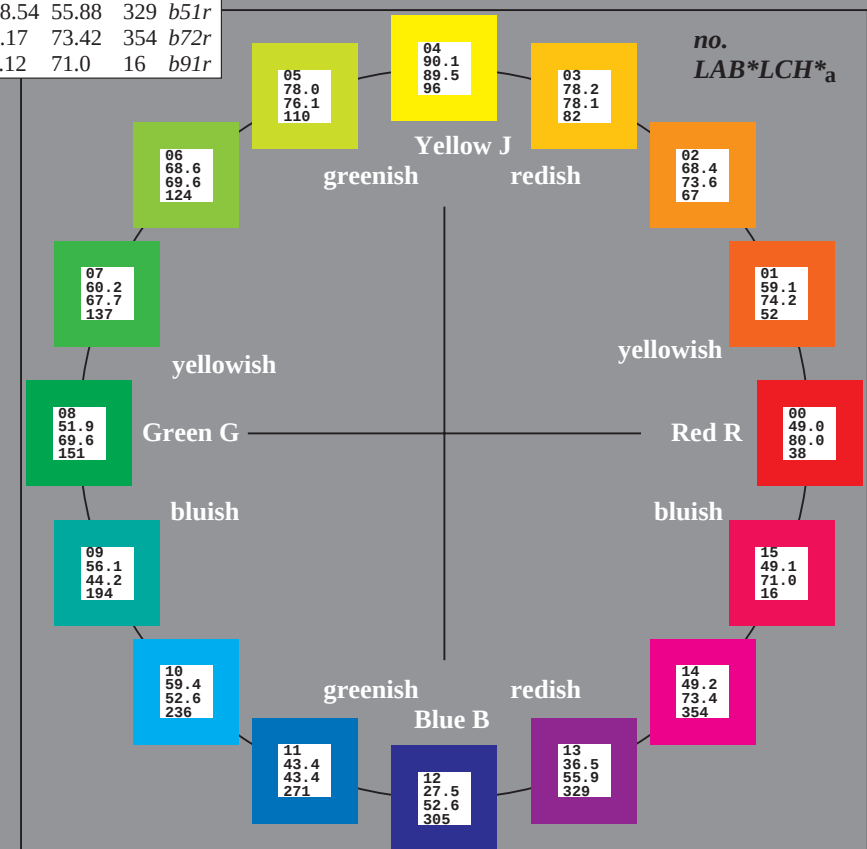
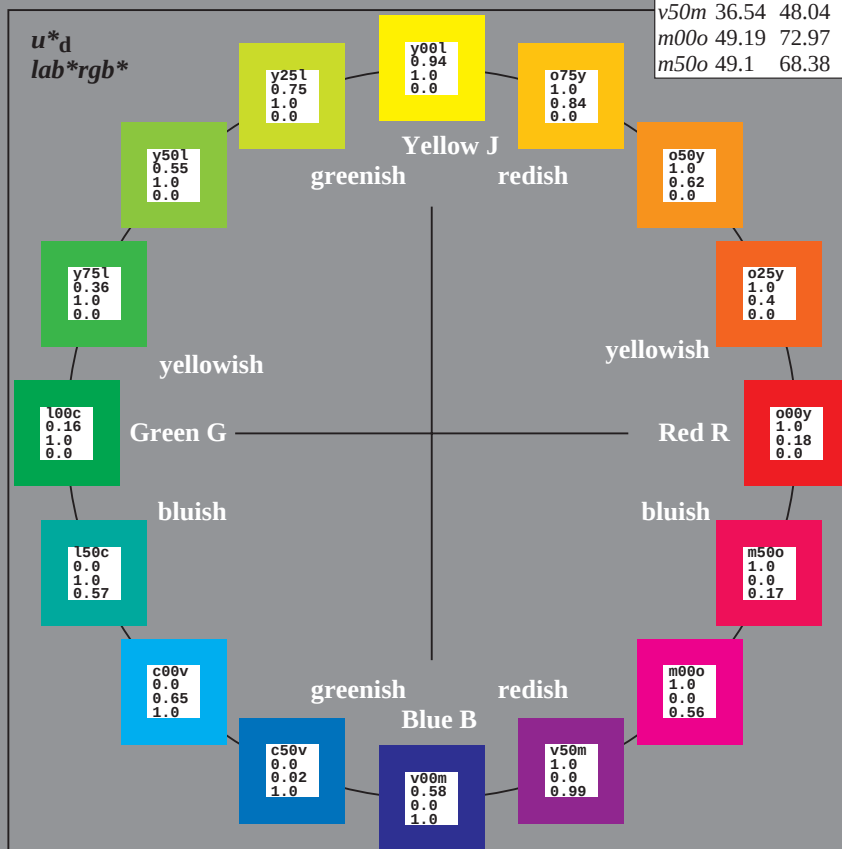
%Regularity

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

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

ORS18_95aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
<i>O_{Ma}</i>	49.0	63.38	48.88	80.04	38
<i>Y_{Ma}</i>	90.12	-9.95	88.92	89.48	96
<i>L_{Ma}</i>	51.87	-60.87	33.81	69.63	151
<i>C_{Ma}</i>	59.35	-29.39	-43.68	52.65	236
<i>V_{Ma}</i>	27.47	30.17	-43.15	52.65	305
<i>M_{Ma}</i>	49.19	72.97	-8.17	73.42	354
<i>N_{Ma}</i>	20.0	0.0	0.0	0.0	0
<i>W_{Ma}</i>	95.0	0.0	0.0	0.0	0
<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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

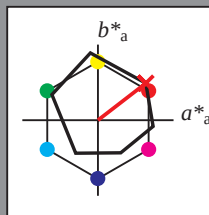
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

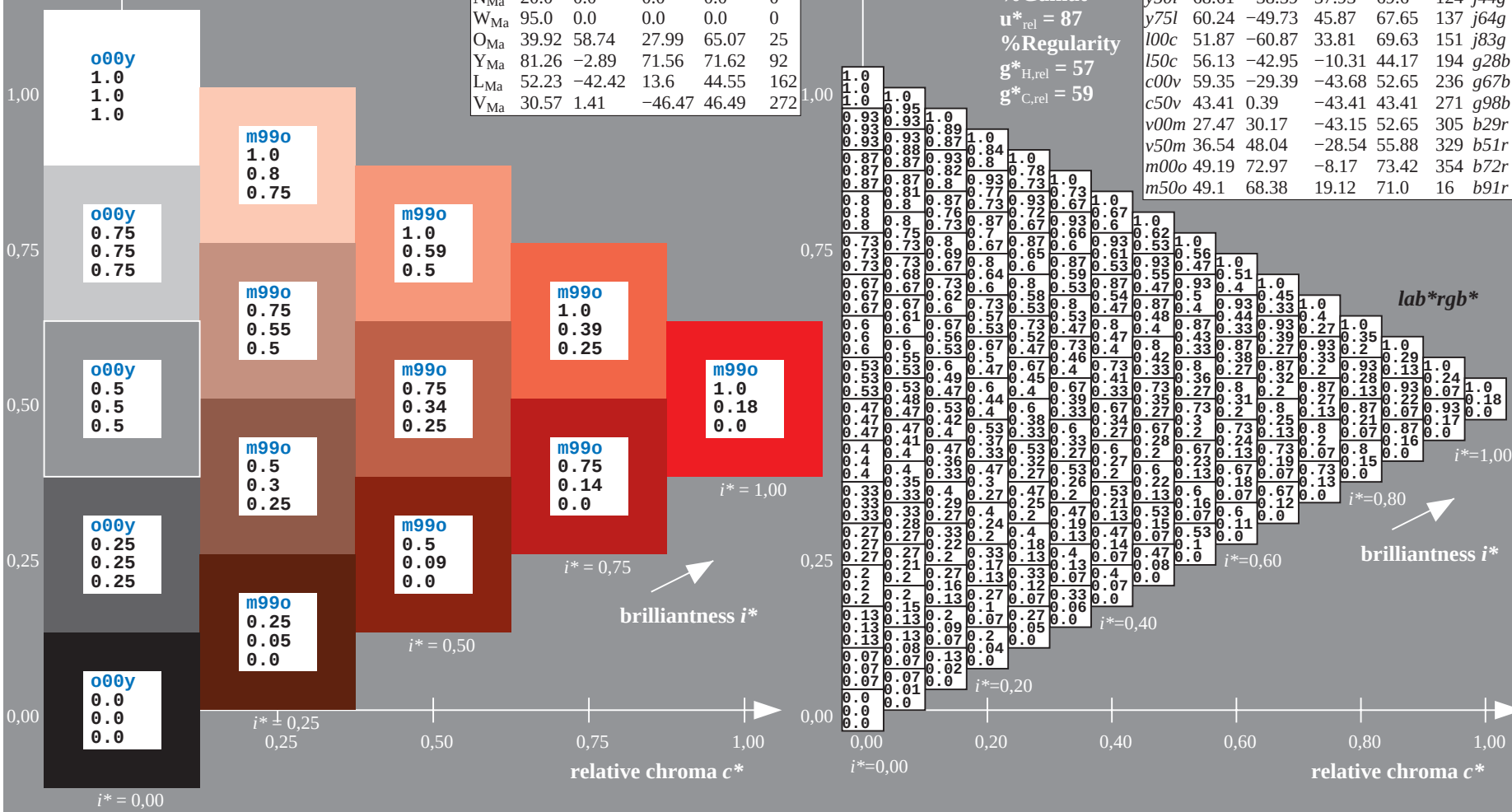
$g^*_{H,rel} = 57$

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

ORS18_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^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$

data for any colour:

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

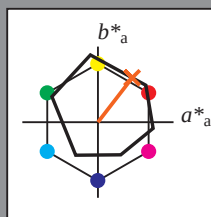
Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

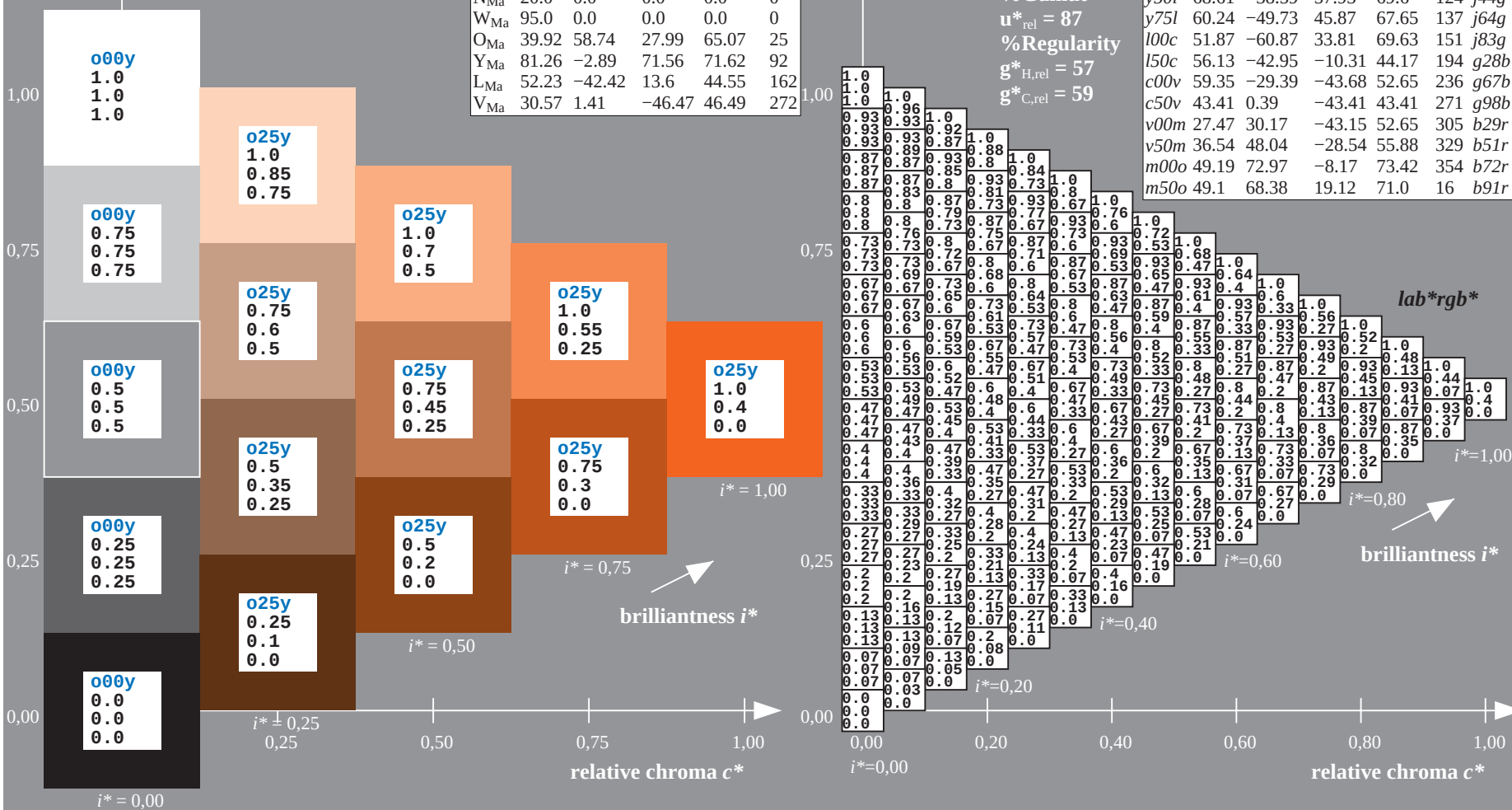
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

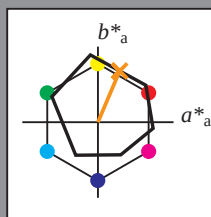
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	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^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS18_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^*



ORS18_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

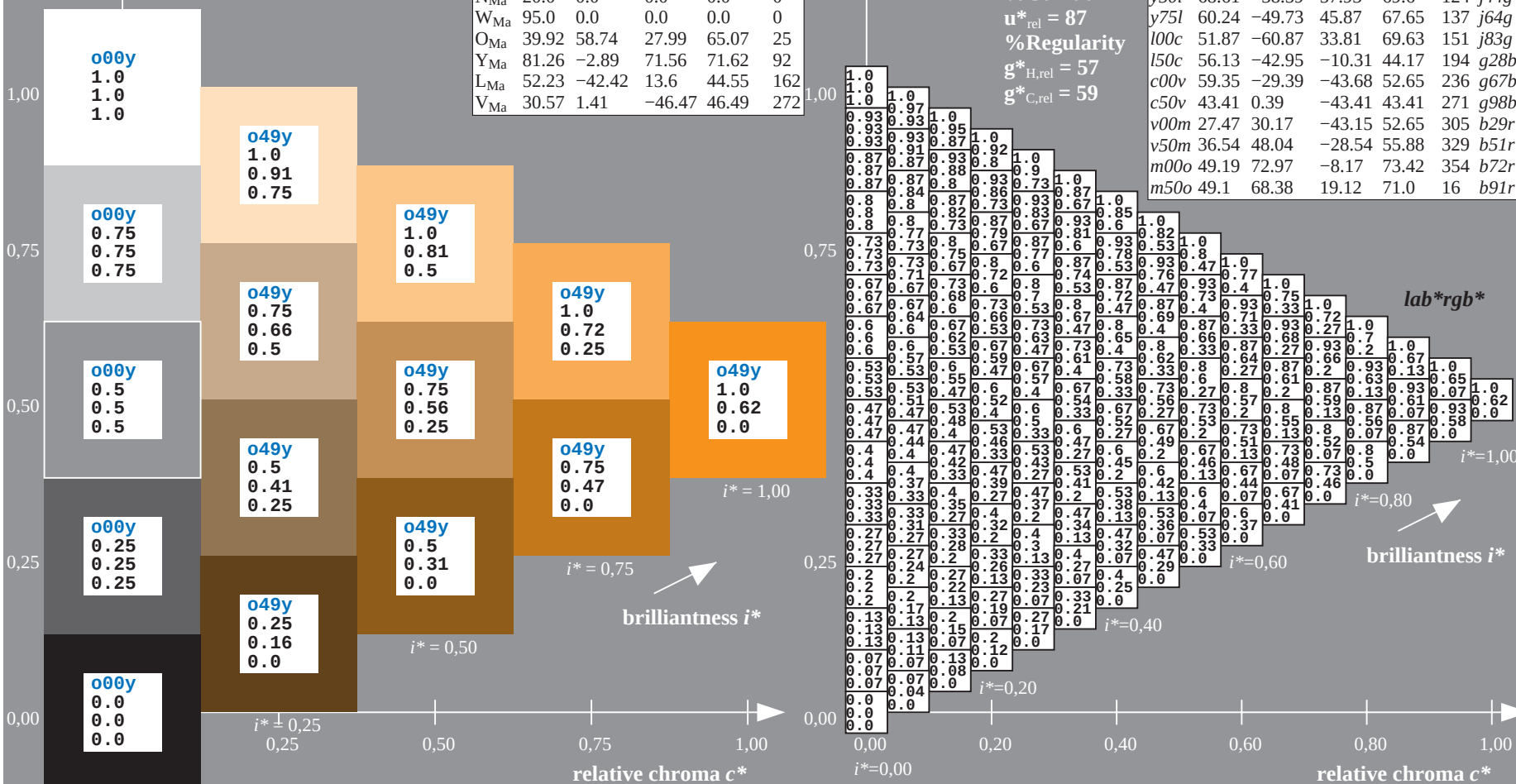
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

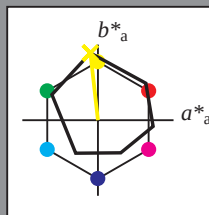
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

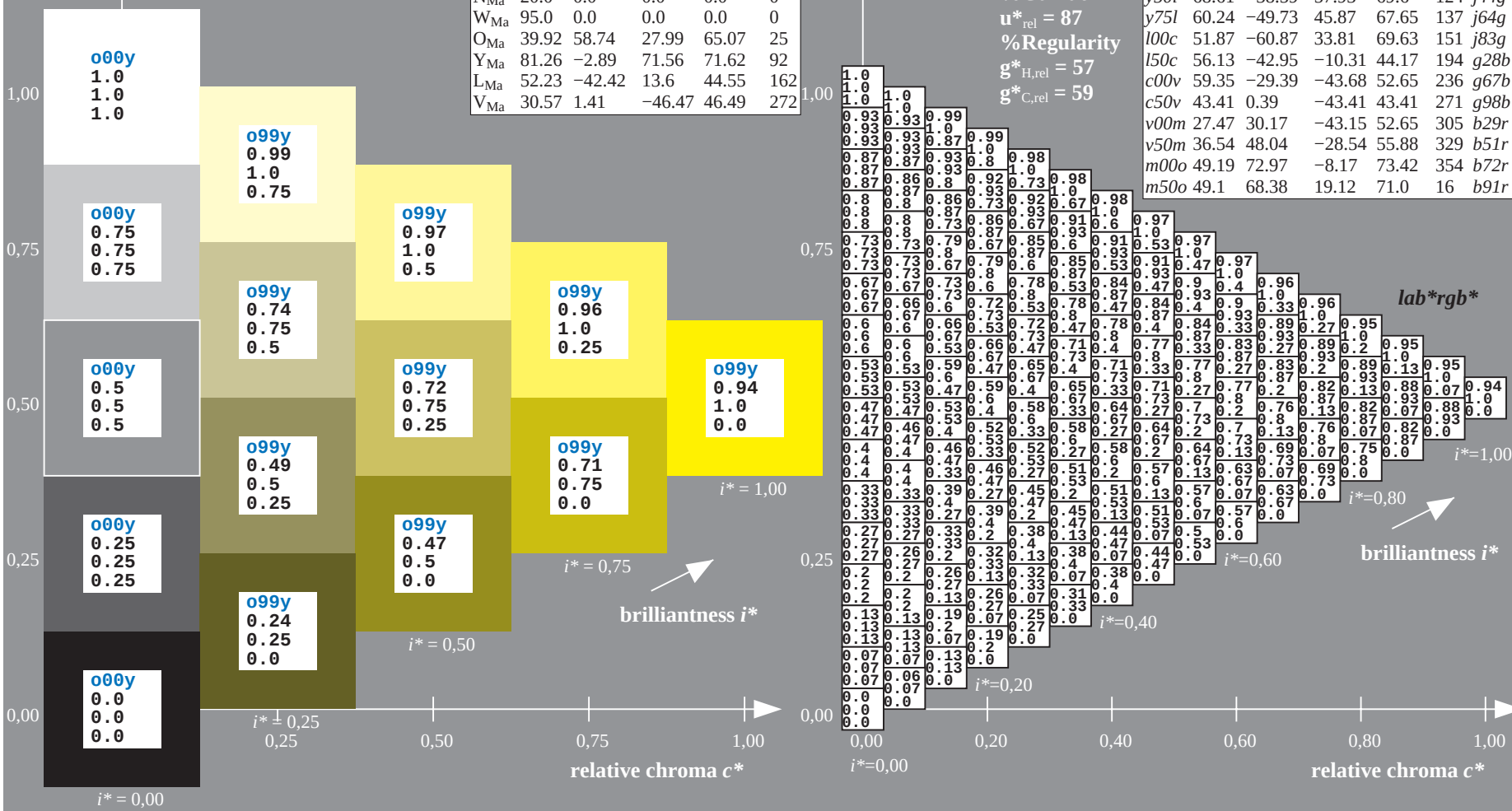
$g^*_{H,rel} = 57$

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

ORS18_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^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

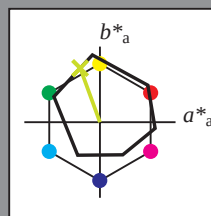
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

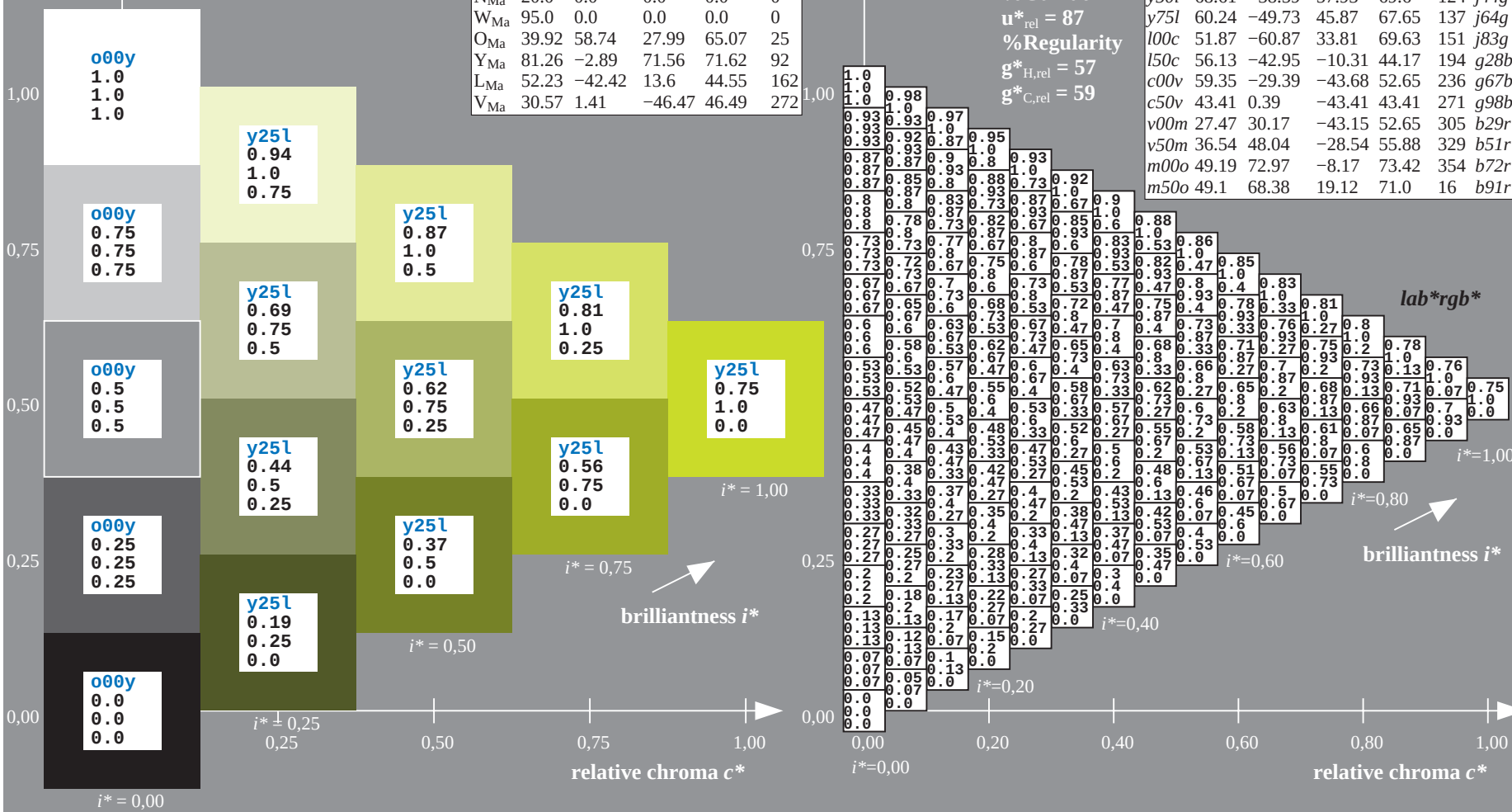
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

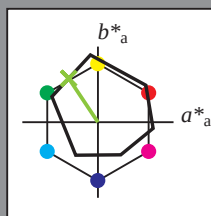
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

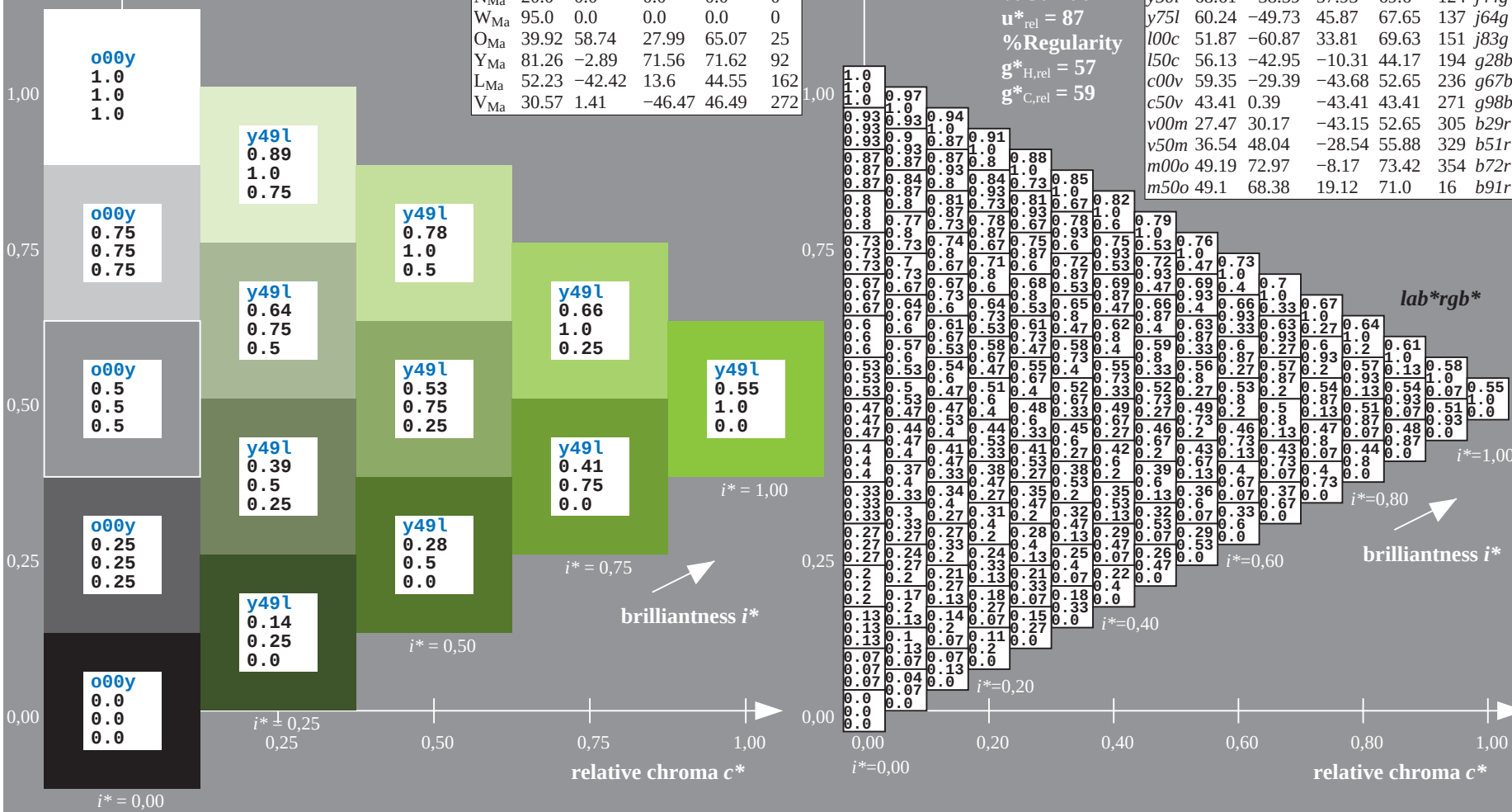
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:

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

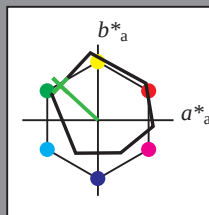
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

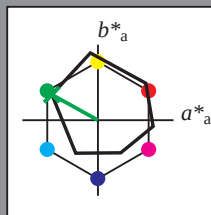
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

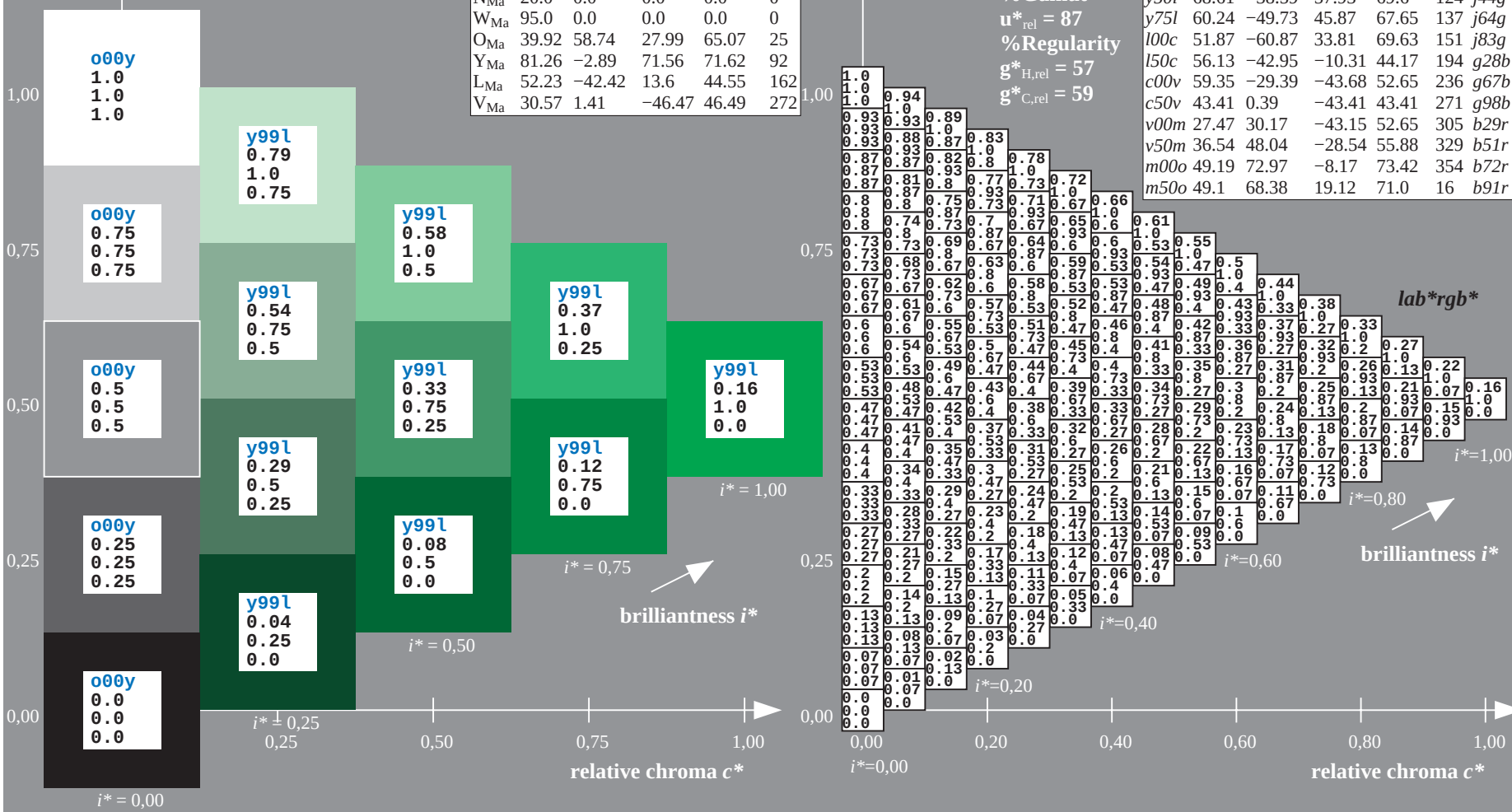
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$
data for any colour: Data for maximum colour (Ma):

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

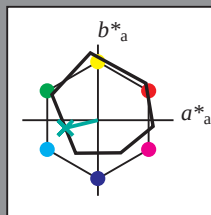
Hue texts:

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

contrast reduction factor:

$$c_B = 0.97$$
triangle lightness t^*

↑



ORS18_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*ME: 56 -43 -10

LAB LAB Ma. 50	45	1
LAB*LGH*	53	44 103

LAB*LCH*Ma: 56 44 1

*lab*olv**Ma: 0.0 1.0 0.5

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

triangle lightness t^*

triangle rightness:

%Gamut

$$u_{rel}^* = 87$$

%Regularity

$$g^*_{H,rel} = 57$$
$$g^*_{C,rel} = 59$$

ORS18_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>	

*lab*rqb**

$$j^* = 1.00$$
brilliantness i^*

BAM-test chart Ee65: Colorimetric systems. Page 65/198

D65: colour scales and 9 data tables for 16 hues $000v$ to $m750$

input: 000n / w / nnn0 / www set...

```
output: ->cmvn6* setcmvcolor
```

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

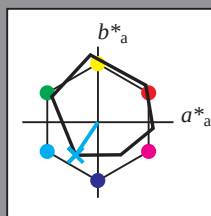
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

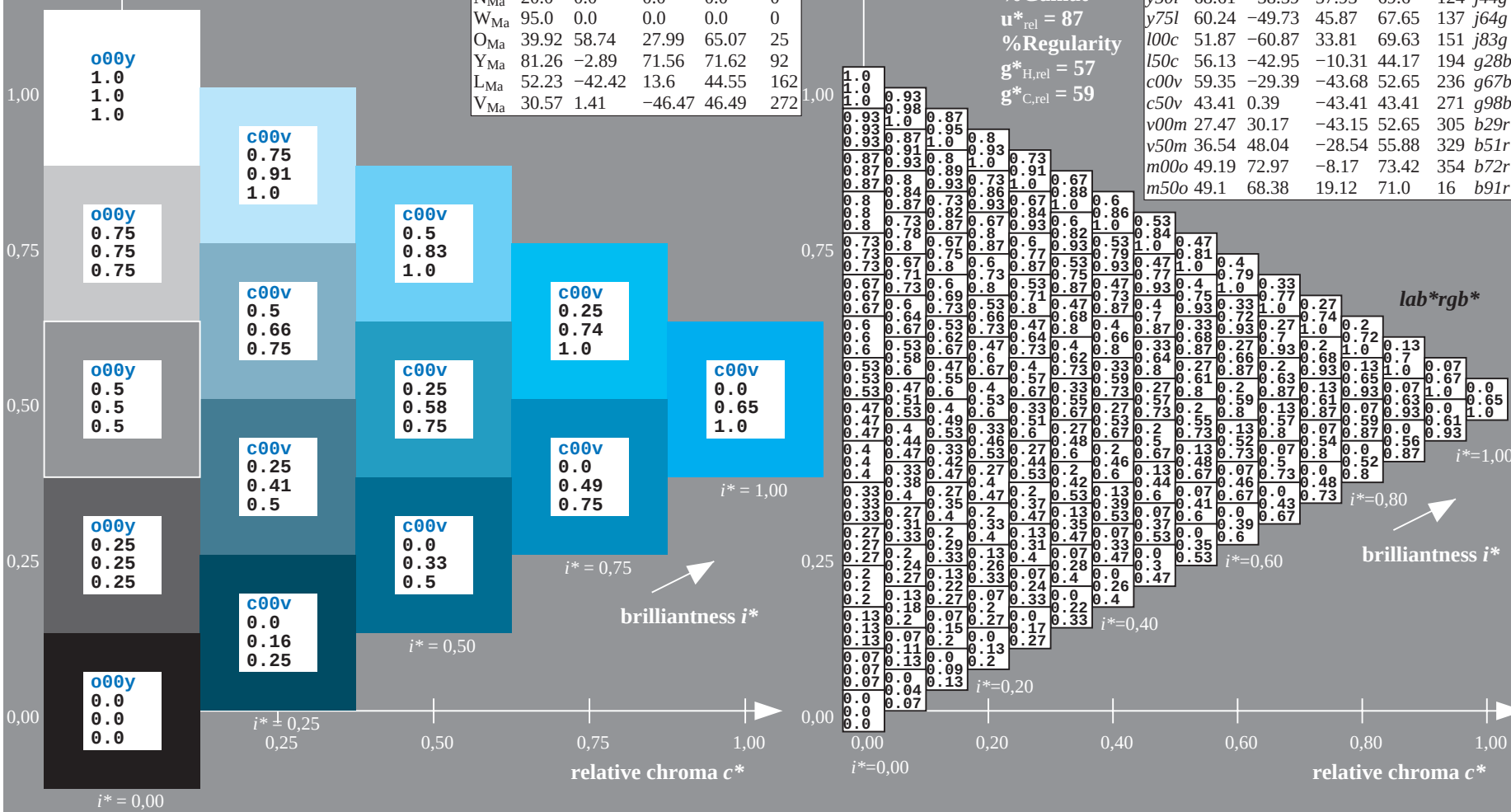
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

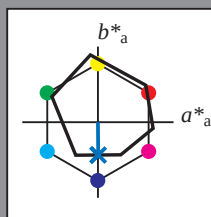
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

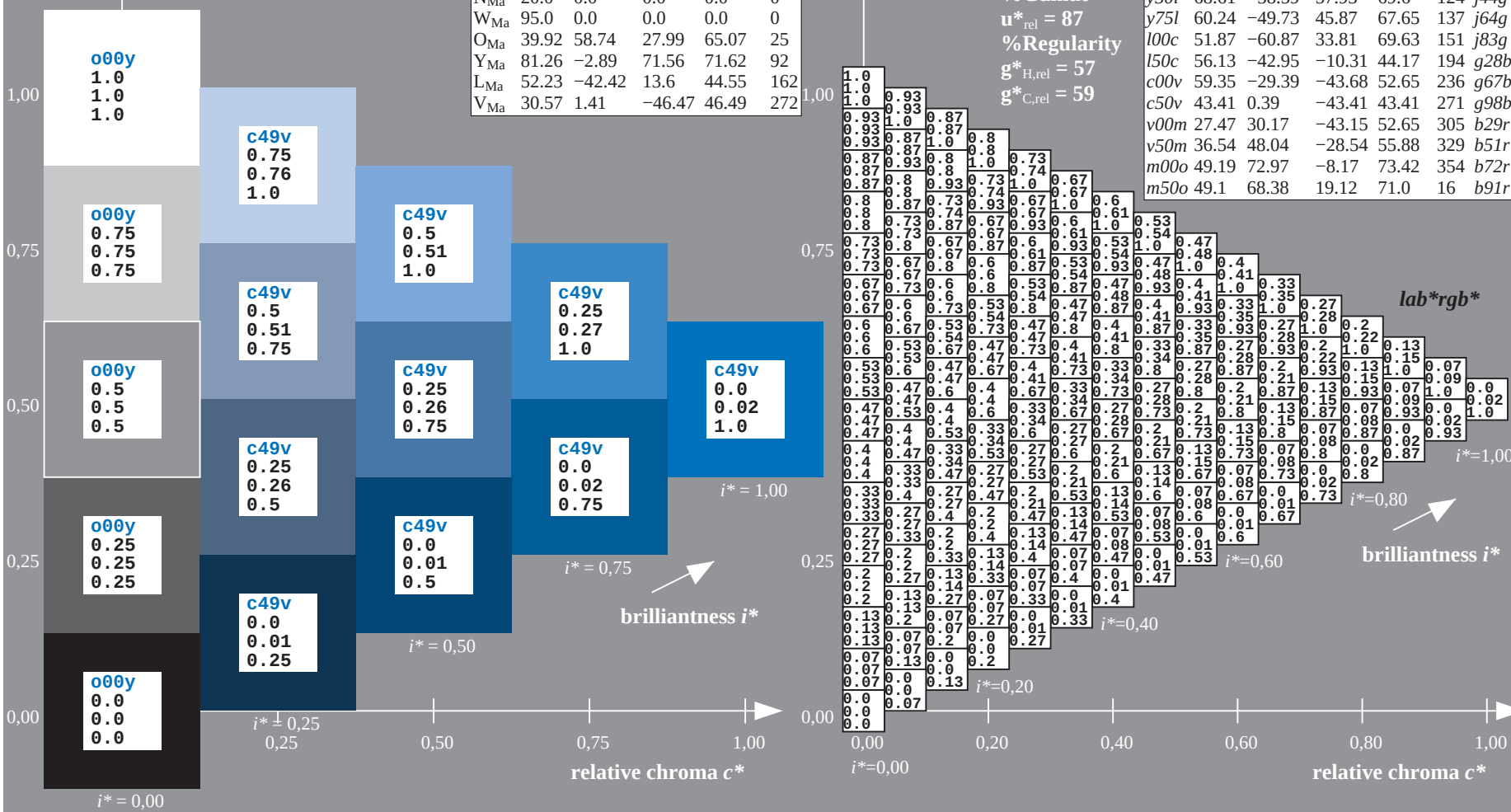
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$

data for any colour:

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

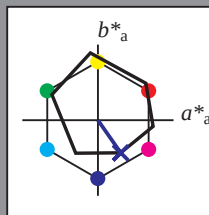
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

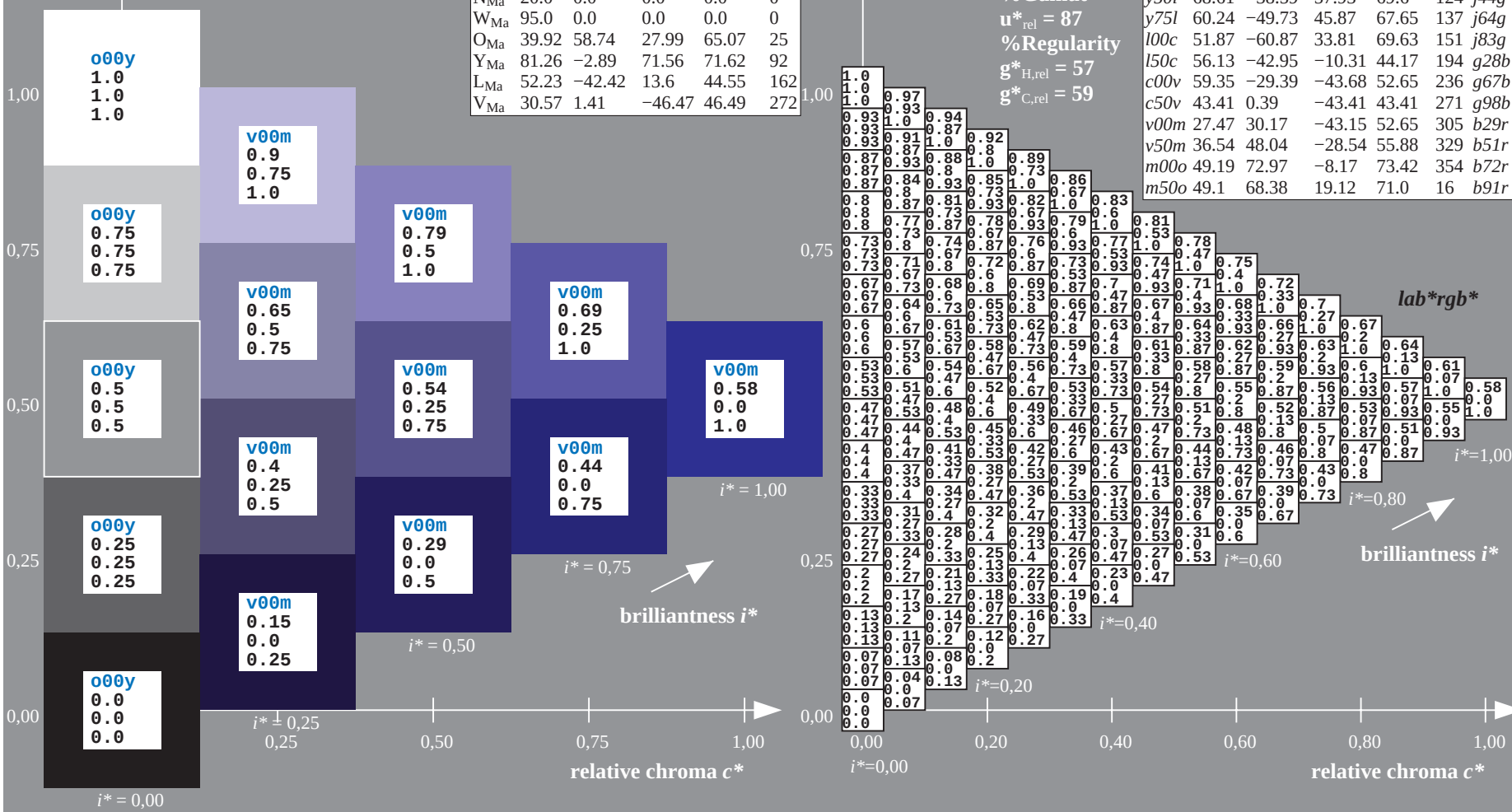
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$

data for any colour:

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

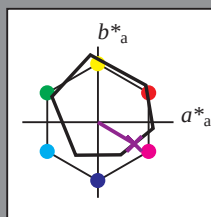
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*

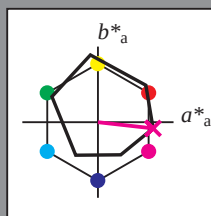
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$
data for any colour: Data for maximum colour (Ma):

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

Hue texts:

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

contrast reduction factor:

 $c_D = 0.97$ triangle lightness t^* 

ORS18_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*M₂: 49 73 353

*lab*oly**M₂: 1.0 0.0 1.0

*lab*rag**M₂: 1.0 0.0 0.56

triangle lightness t^*

triangle rightness:

%Gamut

$$\mathbf{u}_{\text{rel}}^* = 87$$

%Regular

$$g^*_{H,rel} = 57$$
$$g^*_{C,rel} = 59$$

ORS18_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>	

*lab*rgb**

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

BAM-test chart Ee65; Colorimetric systems, Page 70/198
D65: colour scales and 9 data tables for 16 hues 000y to m75o

```
input: 000n / w / nnn0 / www set...
output: ->cmy6* setcmykcolor
```

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

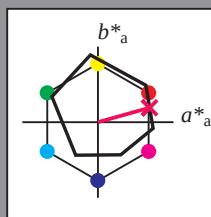
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

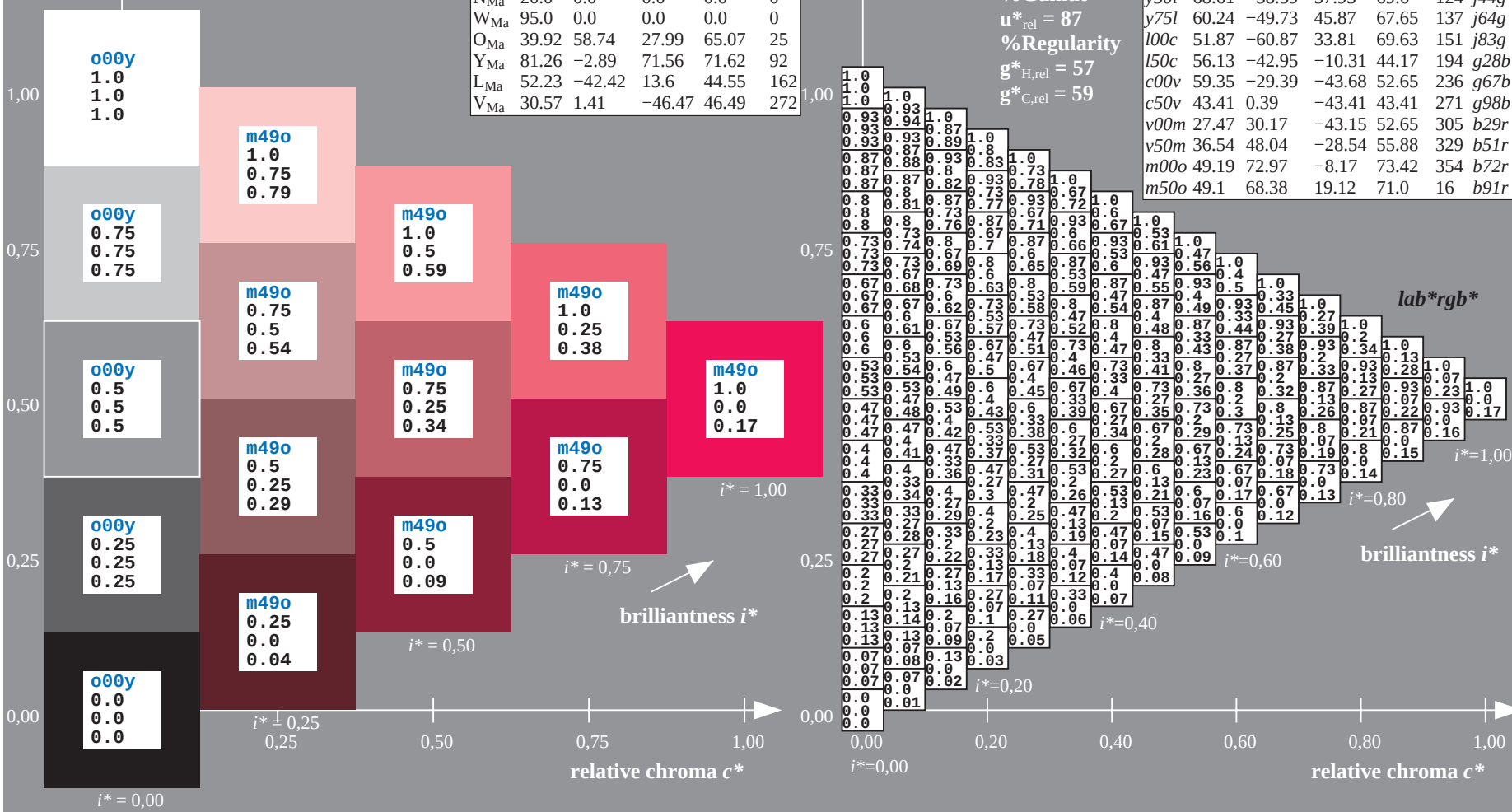
$g^*_{H,rel} = 57$

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

ORS18_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^*



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

BAM registration: 20081001-Ee65/10/L65E00NA.PS/.1X1 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*rgb*			
01	0.0	0.02	0.04	0.06	0.08	0.1	0.12	0.14	0.16	0.13	0.12	0.14	0.16	0.18	0.2	0.22	0.24	0.26	0.25	0.25	0.24	0.26	0.28	0.3	0.32	0.34	0.36	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	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.02	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.05	0.16	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.9	0.8	0.69	0.59	0.49	0.39	0.28	0.18	0.0	0.0	0.0	0.0		
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
02	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.25	0.25	0.24	0.26	0.28	0.3	0.32	0.34	0.36	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	0.08	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.15	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.96	0.88	0.77	0.67	0.57	0.47	0.36	0.26	0.16	0.13	0.13	0.13	0.13	
	0.13	0.13	0.14	0.12	0.09	0.07	0.04	0.01	0.0	0.07	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.04	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
03	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.25	0.2	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.27	0.29	0.31	0.33	0.35	0.37	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	0.01	0.16	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.21	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	0.91	0.83	0.75	0.65	0.55	0.44	0.34	0.24	0.14	0.25	0.25	0.25	0.25	
	0.25	0.25	0.25	0.31	0.29	0.26	0.23	0.21	0.18	0.25	0.25	0.25	0.27	0.24	0.22	0.19	0.16	0.14	0.14	0.2	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	
04	0.22	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.25	0.27	0.13	0.13	0.13	0.13	0.13	0.13	0.38	0.38	0.32	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
	0.0	0.0	0.09	0.24	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.13	0.29	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.33	0.5	0.63	0.75	0.88	1.0	0.87	0.79	0.71	0.63	0.52	0.42	0.32	0.22	0.11	0.38	0.38	0.38	0.38	
	0.38	0.38	0.38	0.38	0.48	0.45	0.43	0.4	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.41	0.38	0.36	0.33	0.32	0.37	0.38	0.38	0.39	0.37	0.34	0.32	0.29	0.1	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	0.29	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.34	0.38	0.43	0.46	0.49	0.51	0.53	0.55	0.5	0.5	0.45	0.44	0.45	0.46	0.47	0.48	0.49	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	0.1	0.17	0.33	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.13	0.27	0.37	0.47	0.57	0.67	0.77	0.87	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
	0.5	0.5	0.5	0.5	0.5	0.63	0.62	0.6	0.57	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.49	0.5	0.5	0.56	0.54	0.51	0.48	0.1	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	0.5		
06	0.37	0.21	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.47	0.42	0.27	0.13	0.13	0.13	0.13	0.13	0.13	0.58	0.52	0.47	0.32	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	0.38		
	0.0	0.0	0.0	0.09	0.25	0.41	0.68	0.88	1.0	0.0	0.13	0.14	0.29	0.45	0.73	0.88	1.0	0.0	0.13	0.25	0.25	0.34	0.49	0.75	0.88	1.0	0.78	0.7	0.62	0.54	0.46	0.38	0.27	0.17	0.07	0.63	0.63	0.63	0.63		
	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.79	0.77	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.75	0.72	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.73	0.7	0.68	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	
07	0.44	0.29	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.49	0.34	0.19	0.13	0.13	0.13	0.13	0.13	0.65	0.6	0.54	0.39	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
	0.0	0.0	0.02	0.17	0.33	0.49	0.76	1.0	0.0	0.13	0.13	0.13	0.22	0.37	0.53	0.81	1.0	0.0	0.13	0.25	0.25	0.26	0.42	0.58	0.85	1.0	0.74	0.66	0.58	0.49	0.41	0.33	0.25	0.15	0.05	0.75	0.75	0.75	0.75		
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.96	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.92	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.87	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75		
08	0.51	0.36	0.21	0.06	0.0	0.0	0.0	0.0	0.0	0.62	0.56	0.41	0.26	0.13	0.13	0.13	0.13	0.13	0.72	0.67	0.62	0.46	0.31	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	0.38		
	0.0	0.0	0.0	0.0	0.1	0.26	0.41	0.57	0.85	0.0	0.13	0.13	0.14	0.3	0.46	0.61	0.89	0.0	0.13	0.25	0.25	0.25	0.34	0.5	0.66	0.93	0.7	0.61	0.53	0.45	0.37	0.29	0.21	0.13	0.02	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	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	
09	0.58	0.43	0.28	0.13	0.0	0.0	0.0	0.0	0.0	0.69	0.64	0.48	0.33	0.18	0.13	0.13	0.13	0.13	0.8	0.74	0.69	0.54	0.39	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		
	0.0	0.0	0.0	0.0	0.02	0.18	0.34	0.49	0.65	0.0	0.13	0.13	0.13	0.13	0.22	0.38	0.54	0.7	0.0	0.13	0.25	0.25	0.25	0.27	0.42	0.58	0.74	0.65	0.57	0.49	0.41	0.33	0.24	0.16	0.08	0.0	1.0	1.0	1.0		
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
10	0.38	0.38	0.38	0.35	0.37	0.39	0.41	0.43	0.45	0.5	0.5	0.5	0.5	0.47	0.49	0.51	0.53	0.55	0.63	0.63	0.63	0.63	0.63	0.59	0.61	0.63	0.65	1.0	0.99	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.0	0.0	0.0	0.0	
	0.07	0.18	0.29	0.38	0.48	0.57	0.66	0.75	0.84	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.11	0.22	0.33	0.44	0.55	0.66	0.77	0.88	0.99	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.38	0.38	0.38	0.36	0.38	0.4	0.42	0.44	0.46	0.5	0.5	0.5	0.5	0.48	0.5	0.52	0.54	0.56	0.63	0.63	0.63	0.63	0.63	0.6	0.62	0.64	0.66	0.95	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.07	0.07	0.07	0.07	
	0.0	0.17	0.28	0.38	0.5	0.63	0.75	0.88	1.0	0.01	0.19	0.3	0.41	0.5	0.63	0.75	0.88	1.0	0.03	0.22	0.33	0.44	0.55	0.63	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88		
	0.02	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.0	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	0.39	0.41	0.43	0.45	0.47	0.5	0.5	0.5	0.5	0.49	0.51	0.53	0.55	0.57	0.63	0.63	0.63	0.63	0.63	0.6	0.62	0.64	0.66	0.9	0.82	0.75	0.74	0.74	0.73	0.72	0.71	0.71	0.13	0.13	0.13	0.13	
	0.0	0.13	0.27	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.3	0.41	0.5	0.63	0.75																									

Input and output:

Colorimetric Printer Reflective System ORS18_95aM
data for any colour:

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

device hue text:

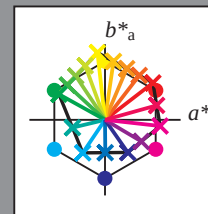
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.97$

ORS18_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

$u^*_{rel} = 87$

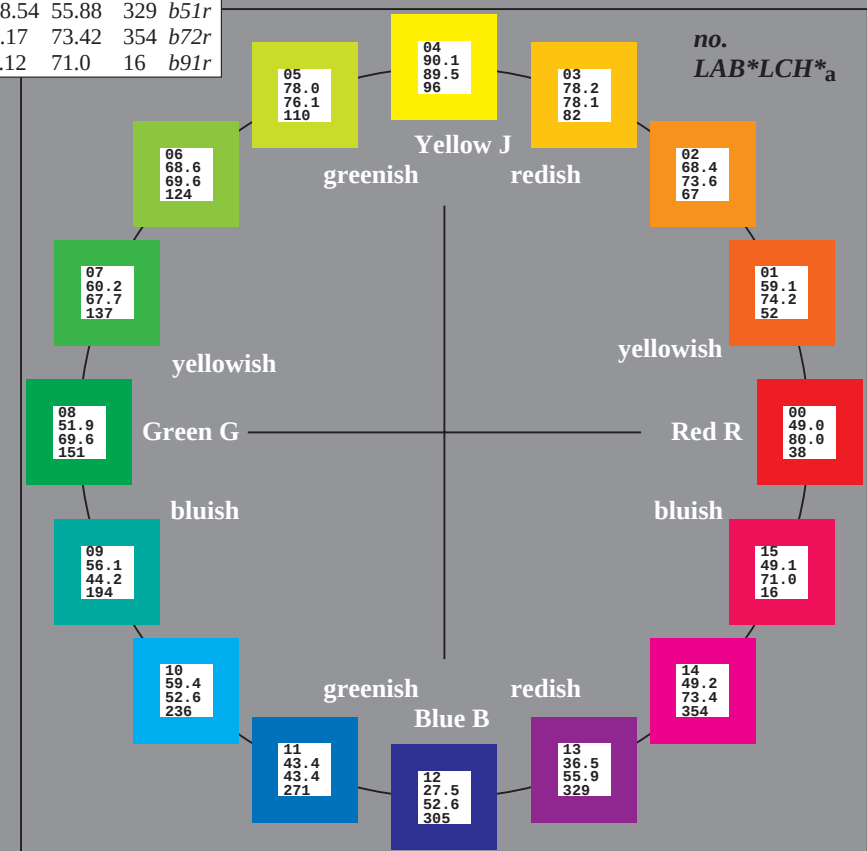
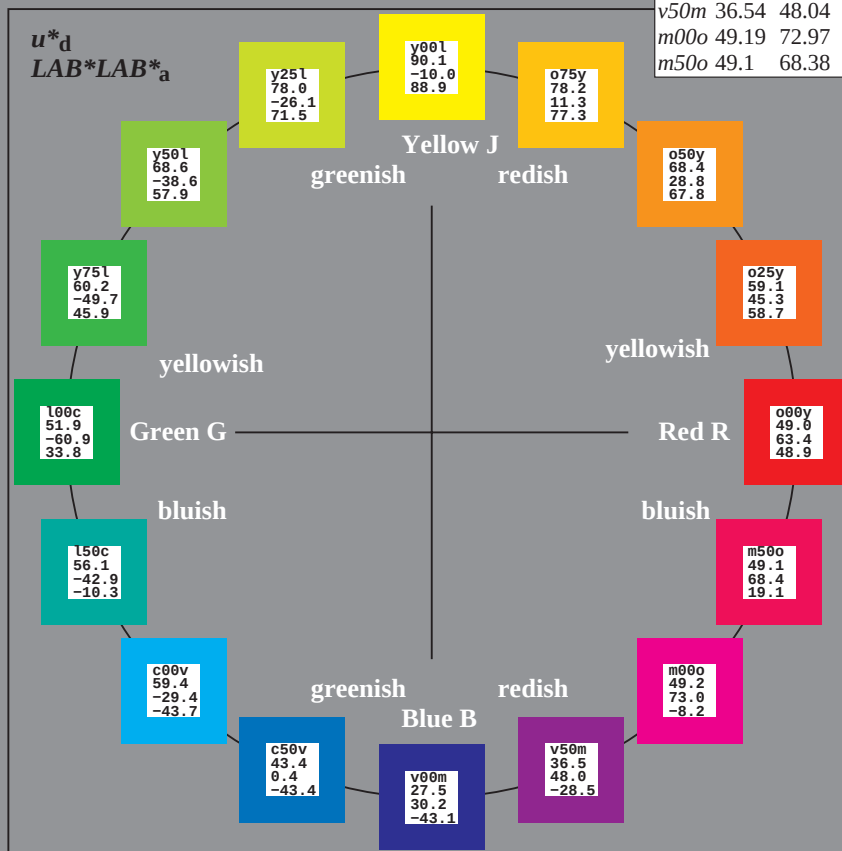
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

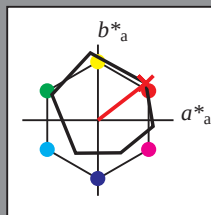
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

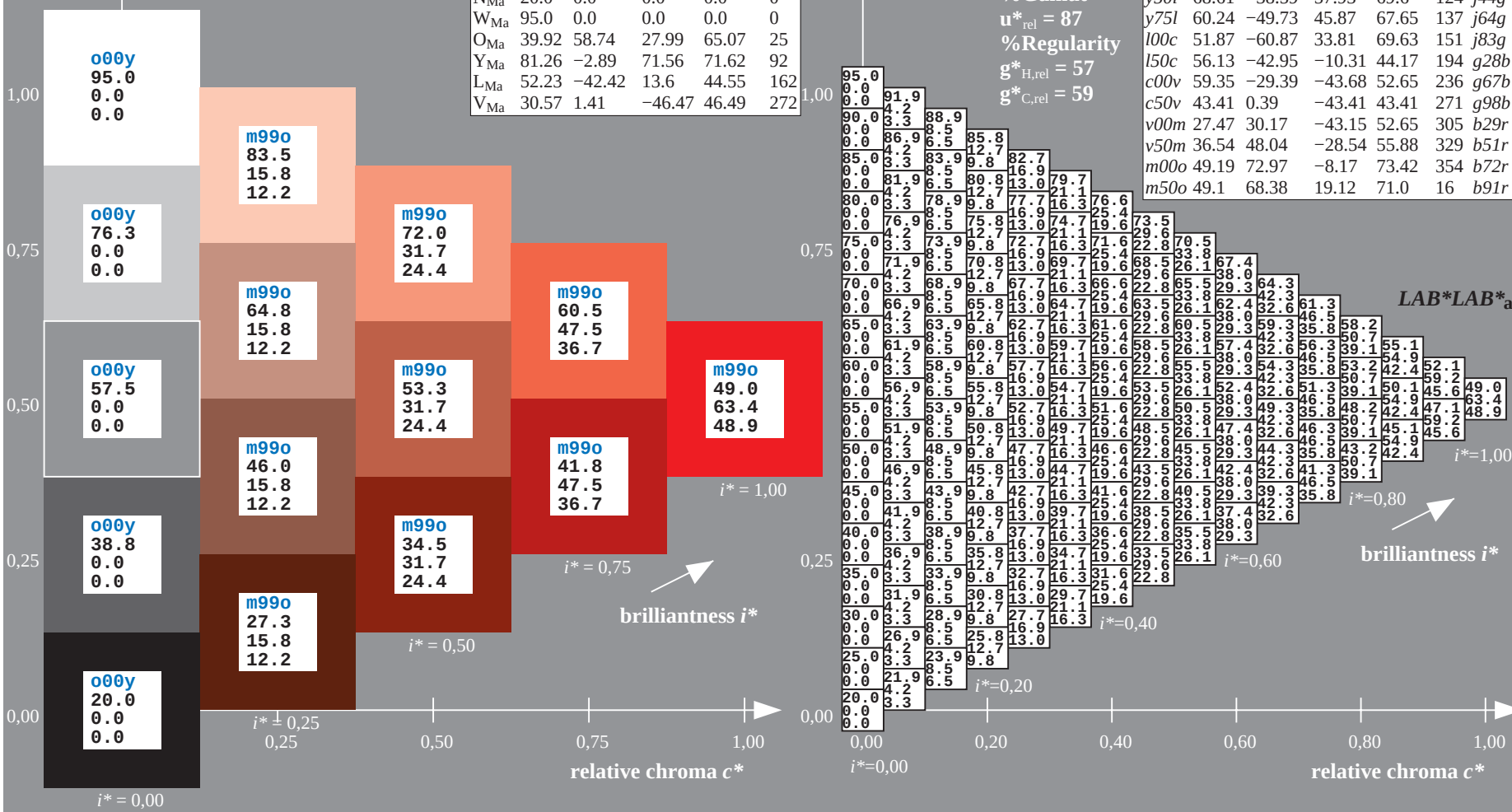
$g^*_{H,rel} = 57$

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

ORS18_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

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$

data for any colour:

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

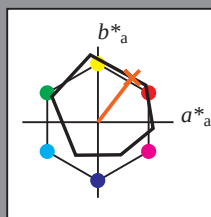
Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

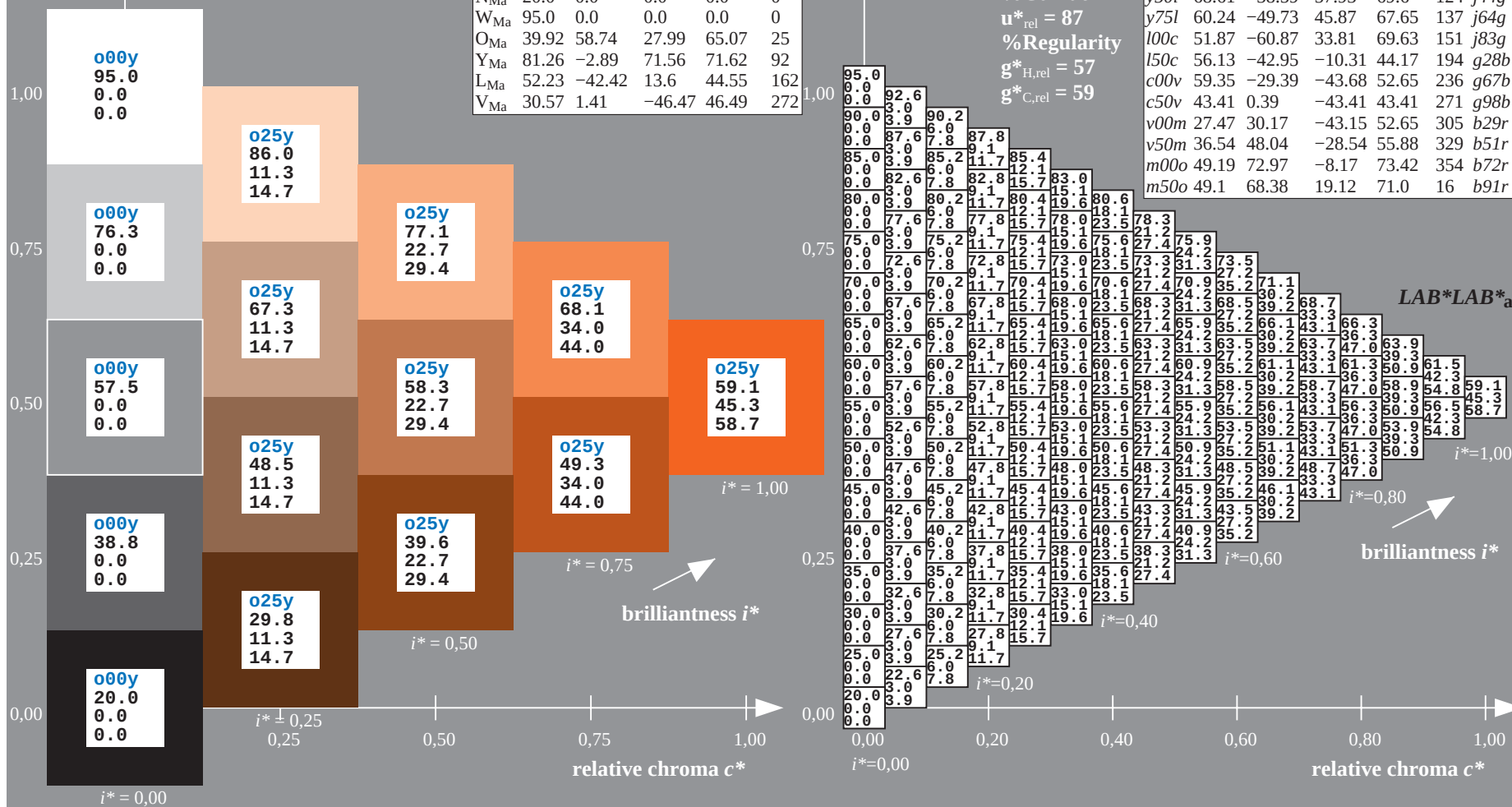
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}^*/360 = 0.186$

data for any colour:

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

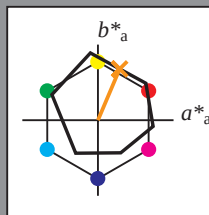
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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

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

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$

data for any colour:

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

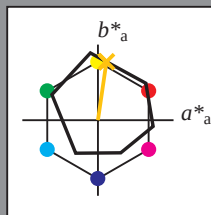
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

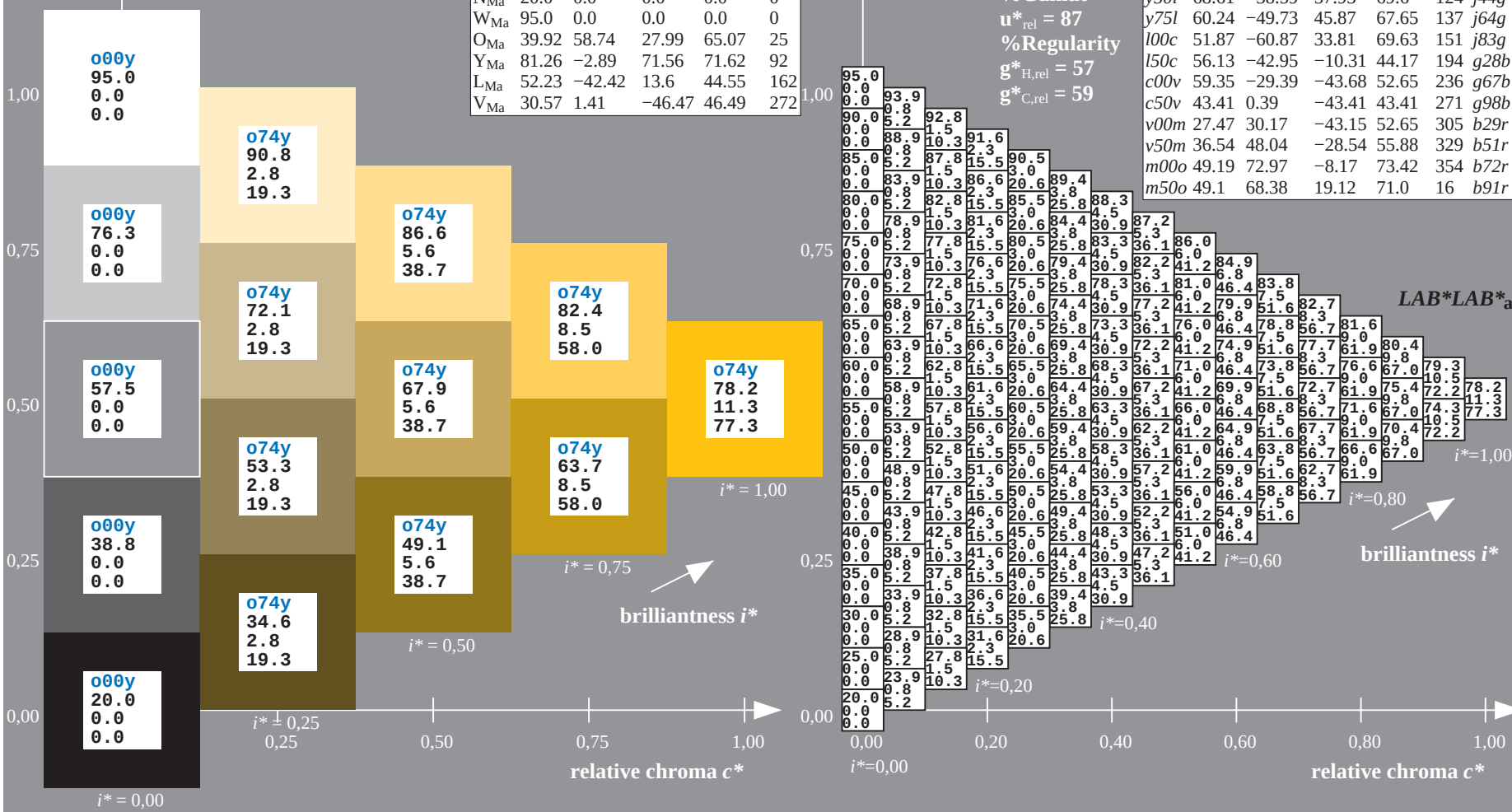
$g^*_{H,rel} = 57$

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

ORS18_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

$u^*_d = o75y$
 $LAB^*LAB^*_a$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

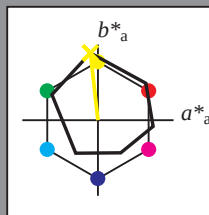
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

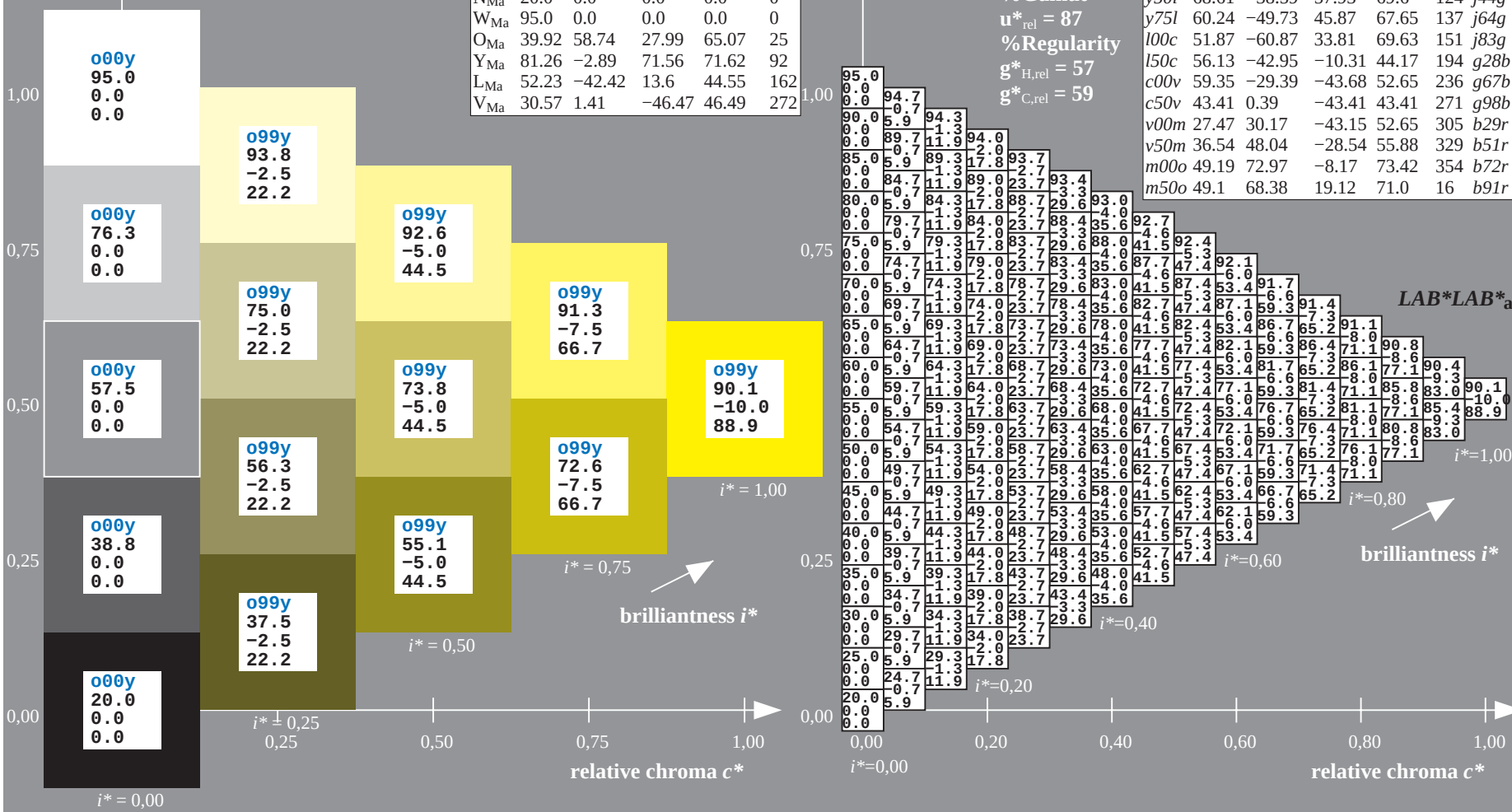
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

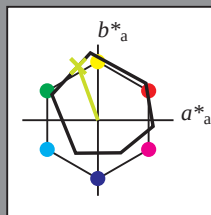
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

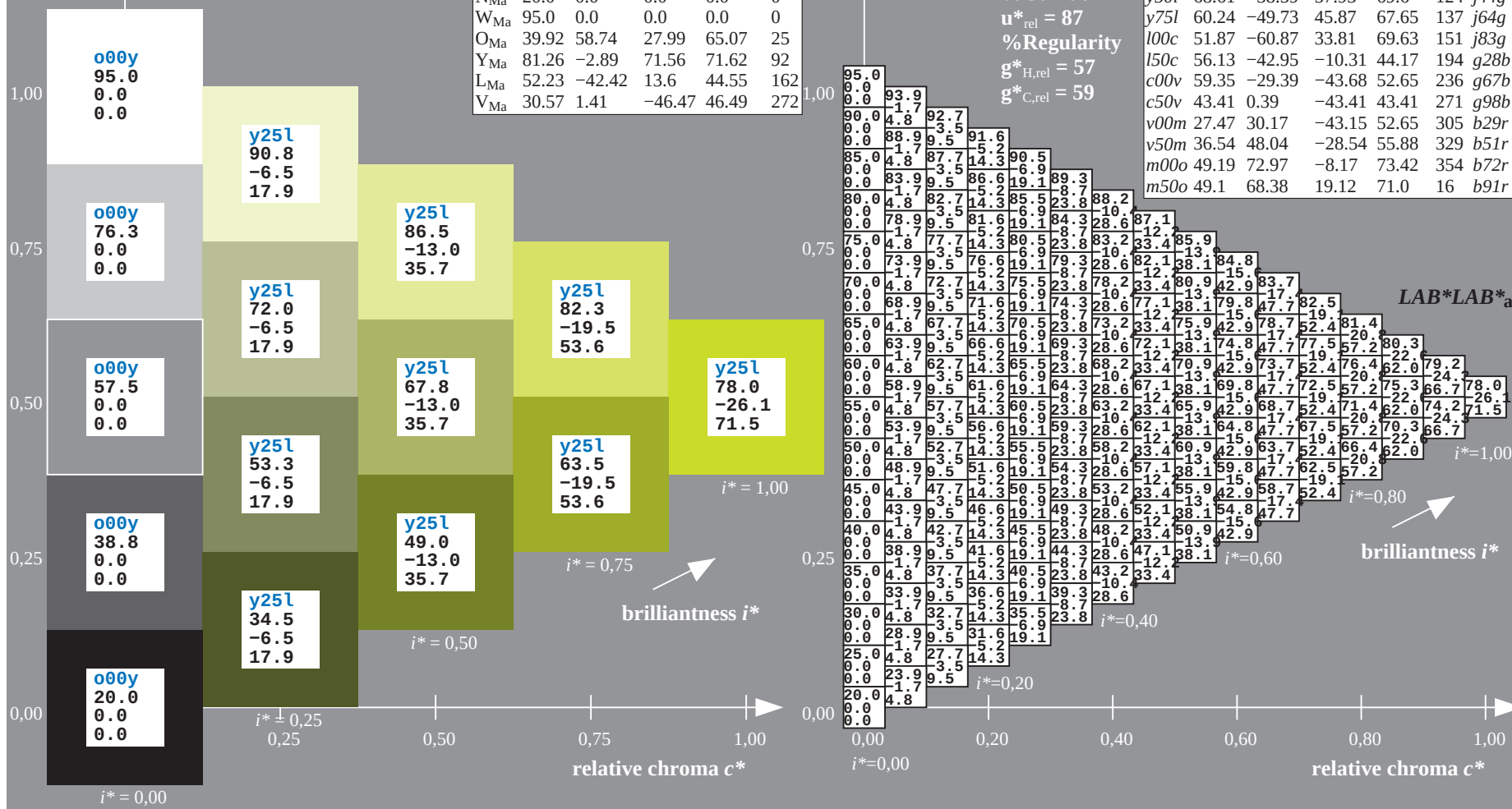
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

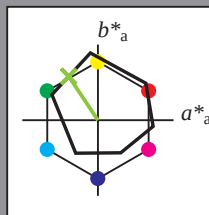
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

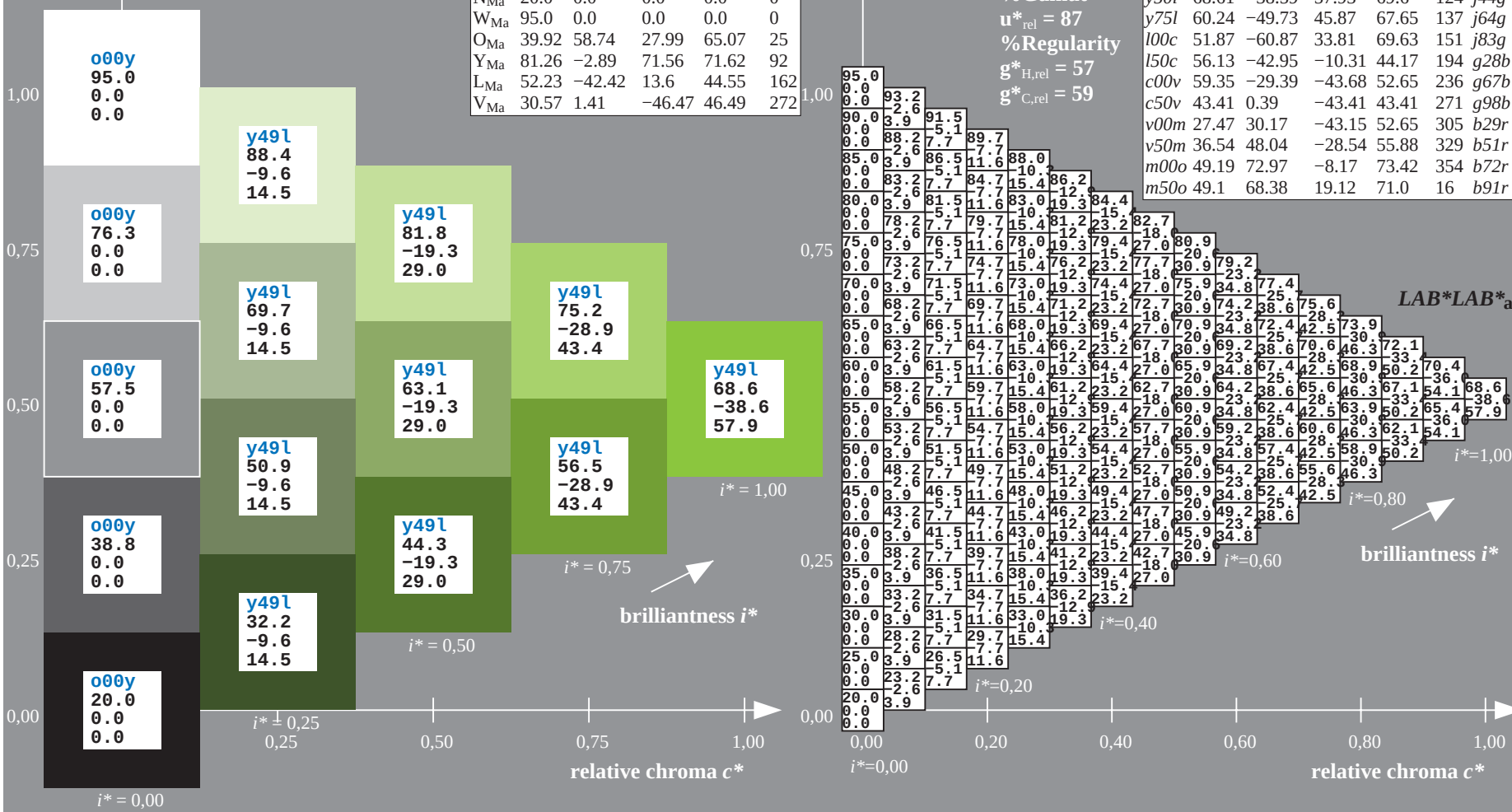
$u^*_{rel} = 87$

%Regularity

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

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

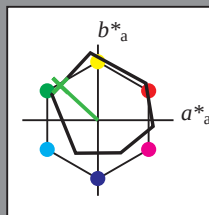
ORS18_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	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 ORS18_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^*



ORS18_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

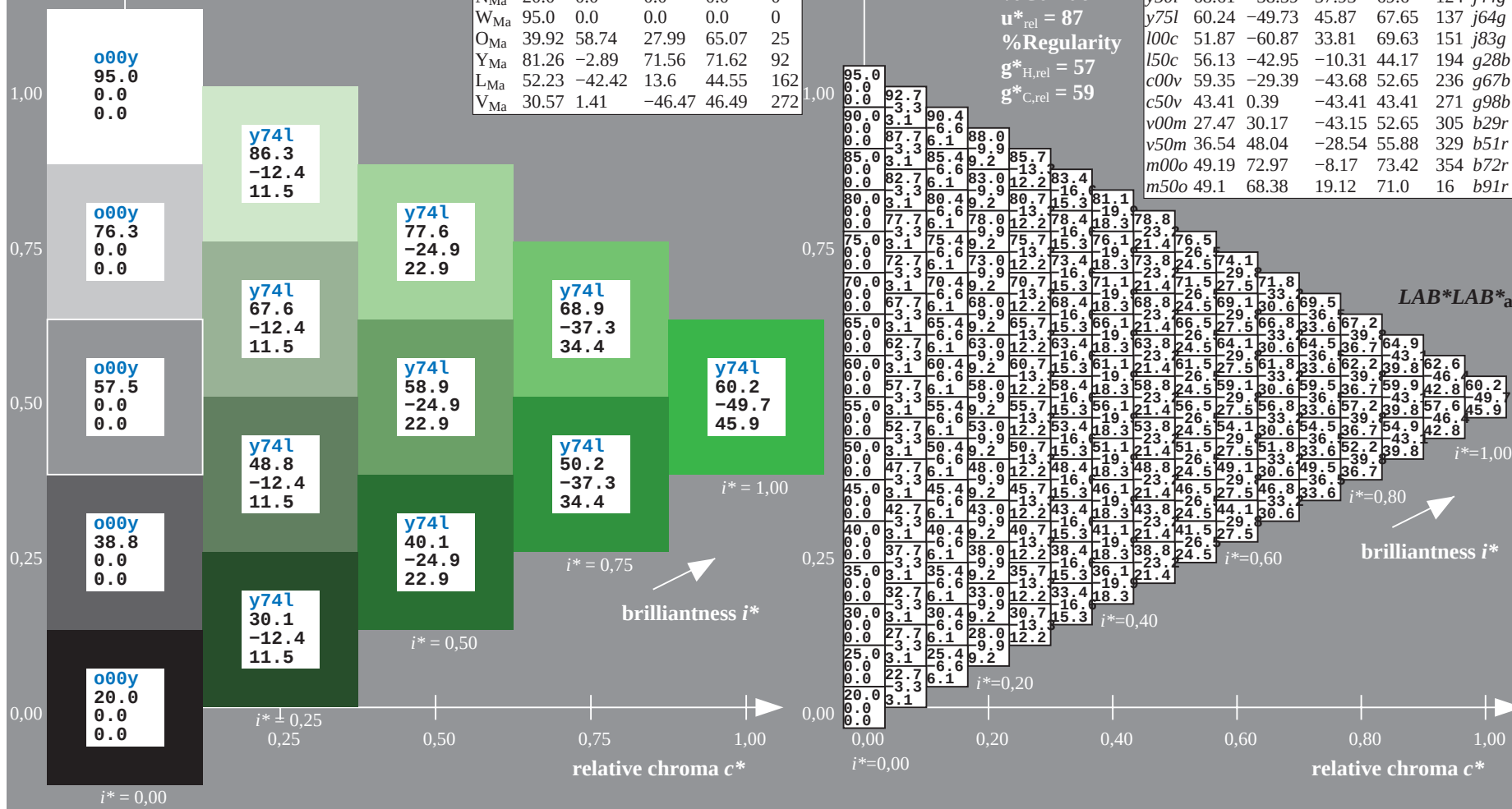
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

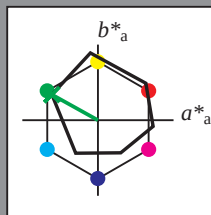
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

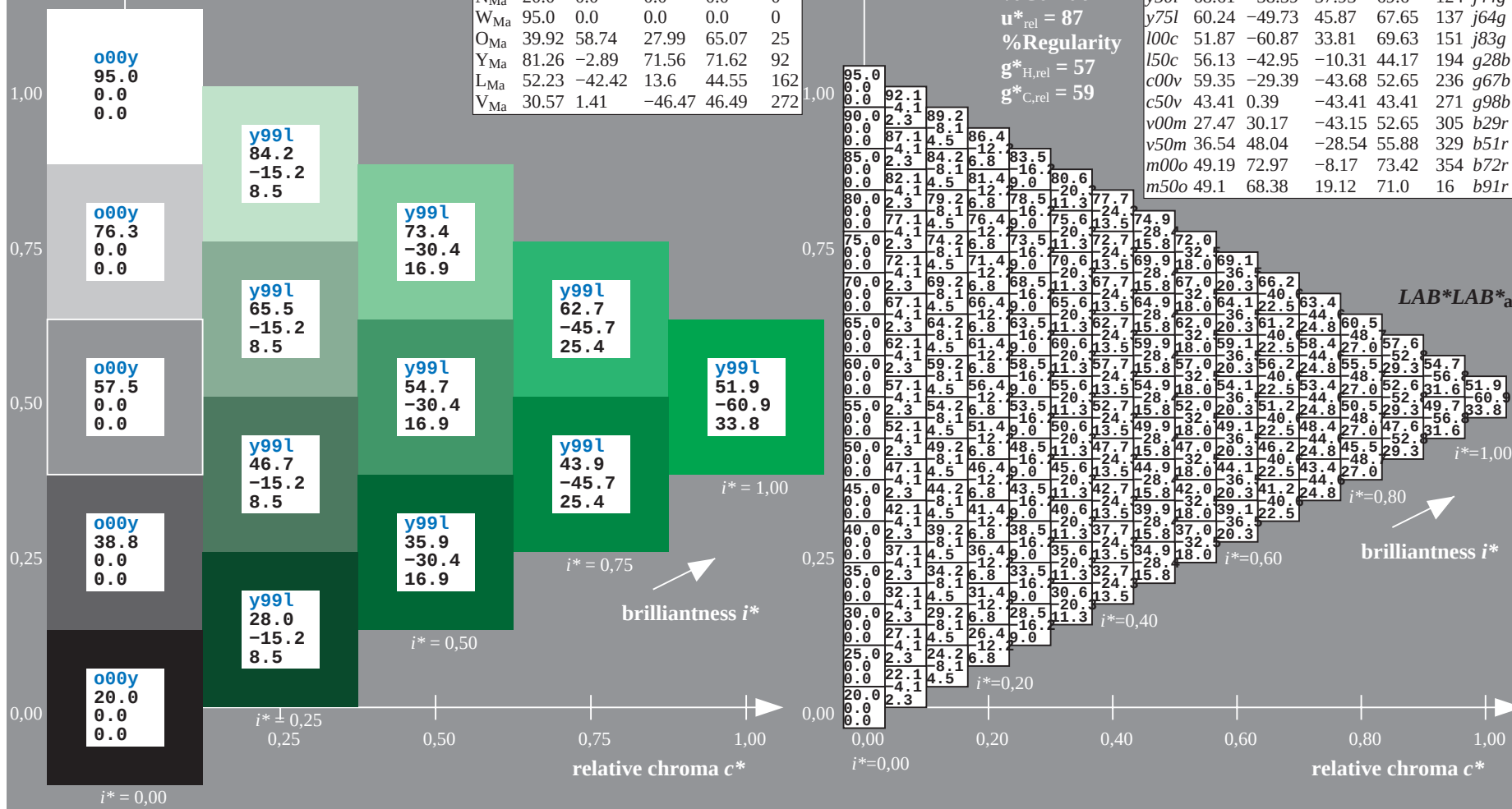
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

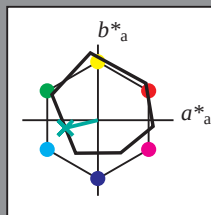
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	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

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



Input and output: Colorimetric Printer Reflective System ORS18_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^*



ORS18_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

$u^*_{rel} = 87$

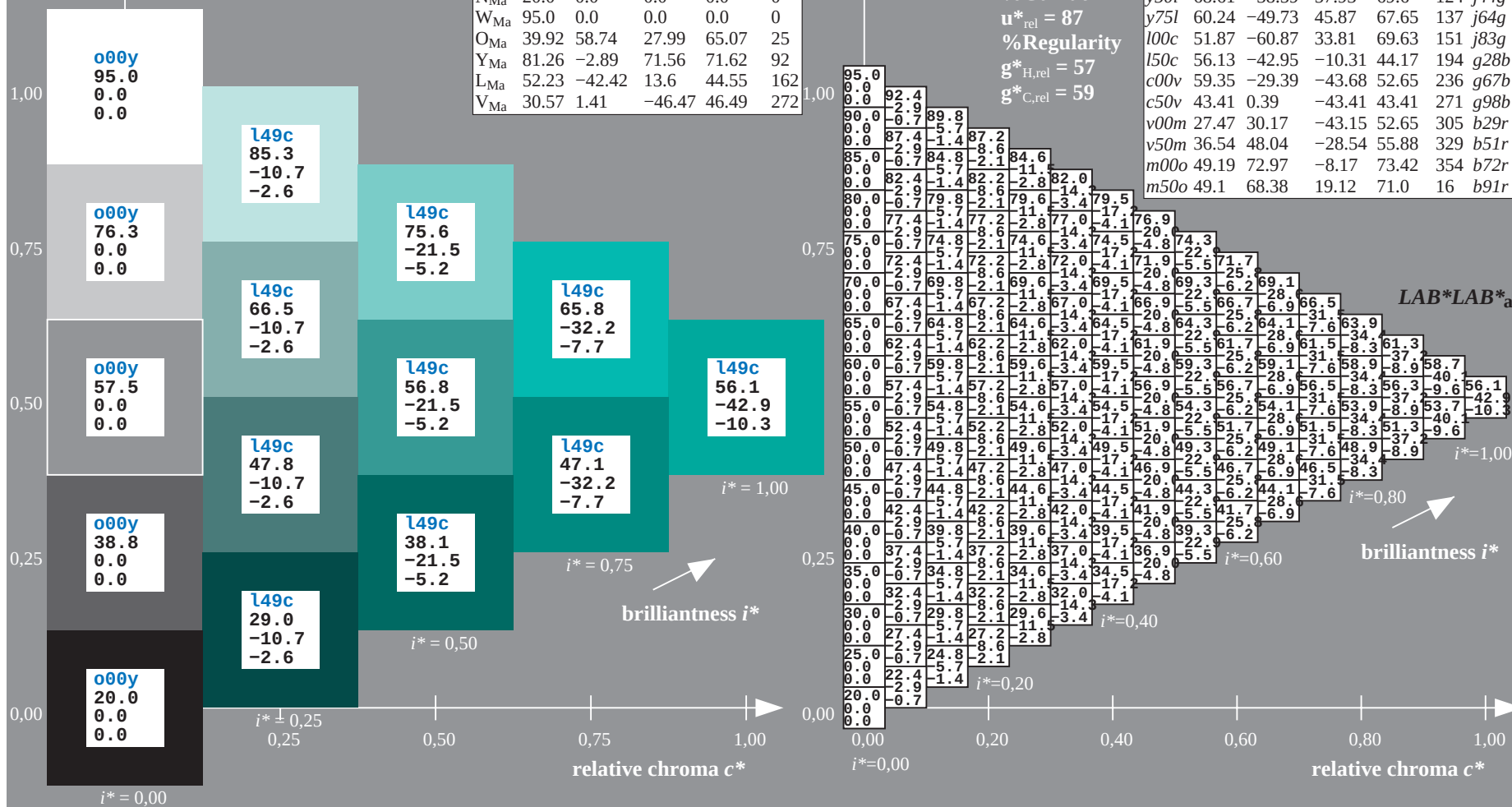
%Regularity

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

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

ORS18_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
o25y	59.11	45.34	58.73	74.2	52
o50y	68.41	28.75	67.79	73.63	67
o75y	78.21	11.28	77.33	78.15	82
y00l	90.12	-9.95	88.92	89.48	96
y25l	78.02	-26.06	71.49	76.09	110
y50l	68.61	-38.59	57.93	69.6	124
y75l	60.24	-49.73	45.87	67.65	137
l00c	51.87	-60.87	33.81	69.63	151
l50c	56.13	-42.95	-10.31	44.17	194
c00v	59.35	-29.39	-43.68	52.65	236
c50v	43.41	0.39	-43.41	43.41	271
v00m	27.47	30.17	-43.15	52.65	305
v50m	36.54	48.04	-28.54	55.88	329
m00o	49.19	72.97	-8.17	73.42	354
m50o	49.1	68.38	19.12	71.0	16

$u^*_d = 150c$
 $LAB^*LAB^*_a$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

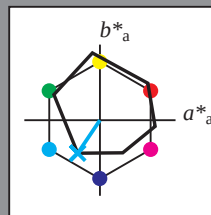
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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

$u^*_d = c00v$
 $LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

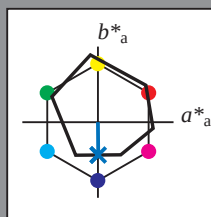
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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

$u^*_d = c50v$
 $LAB^*LAB^*_{Ma}$

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

brilliantness i^*

$i^* = 1.00$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$

data for any colour:

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

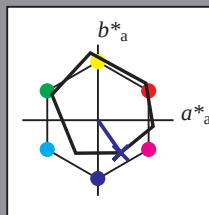
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

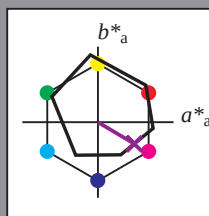
ORS18_95aM; adapted (a) CIELAB data

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

$u^*_d = v00m$
 $LAB^*LAB^*_a$

Input and output: Colorimetric Printer Reflective System ORS18_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^*



ORS18_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

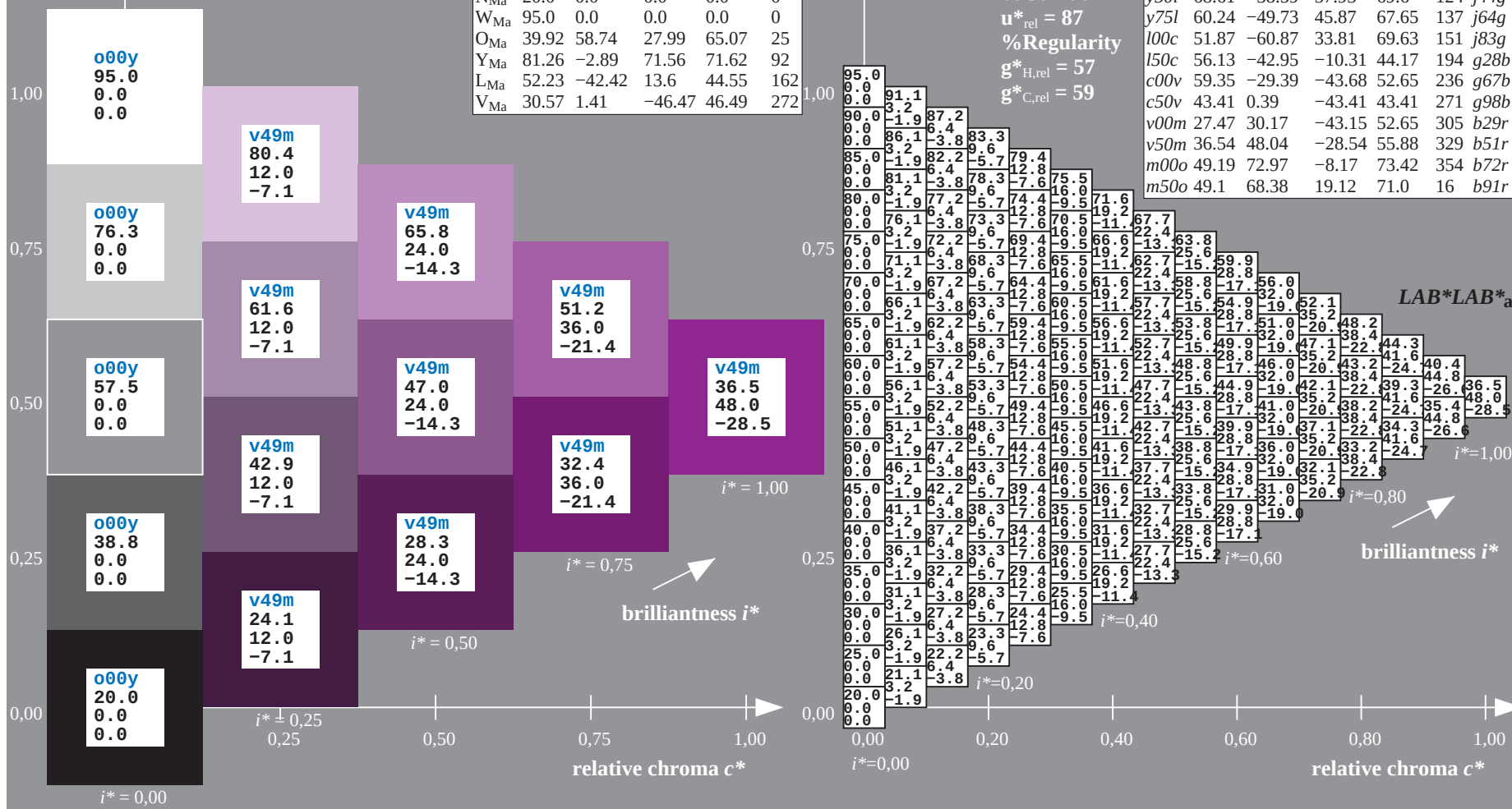
$u^*_{rel} = 87$

%Regularity

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

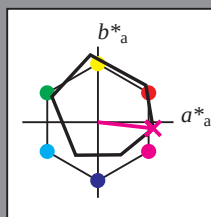
$g^*_{C,rel} = 59$

ORS18_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 ORS18_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^*



ORS18_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

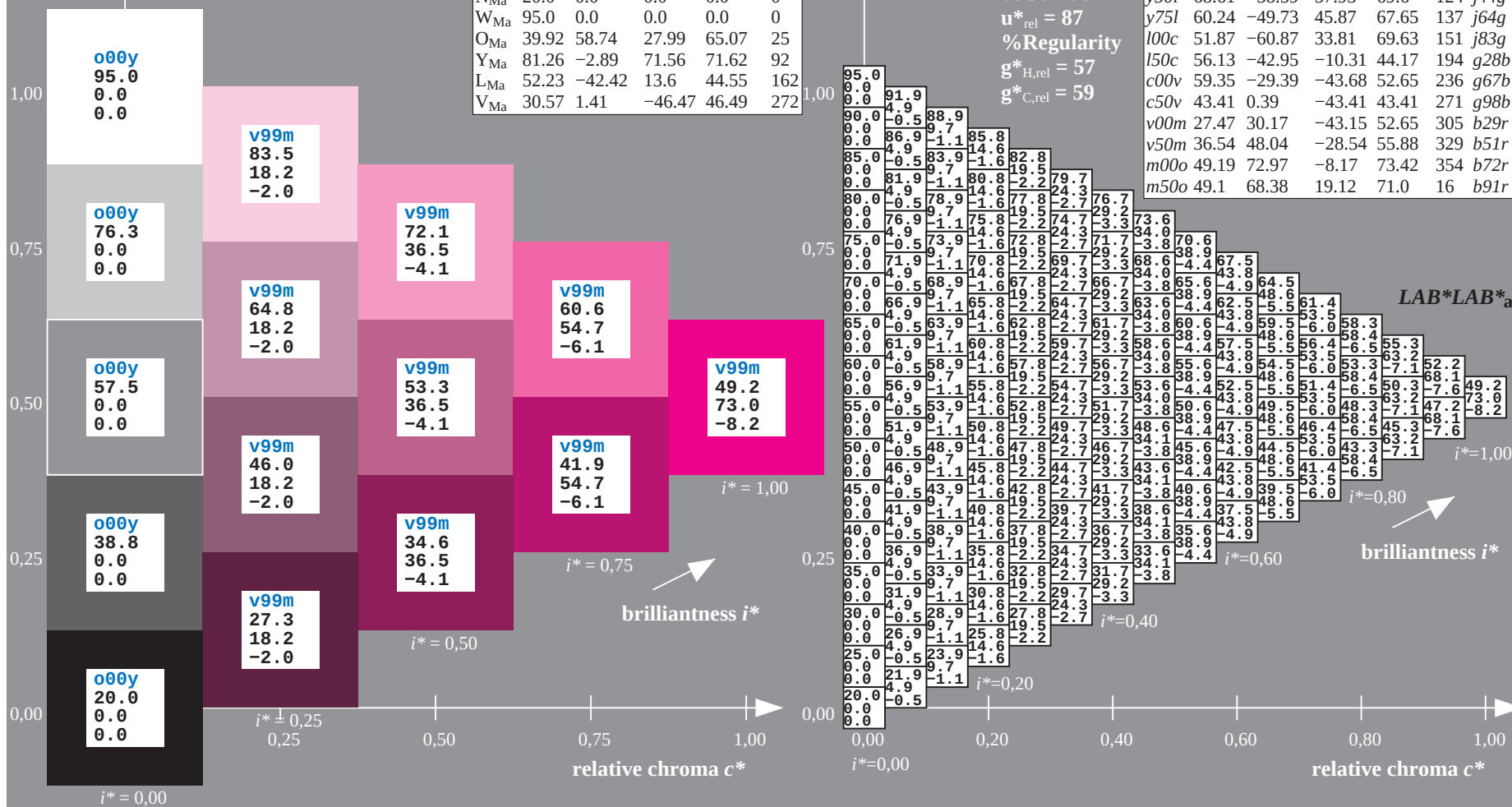
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

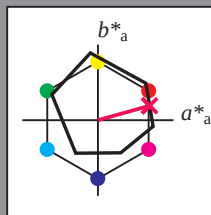
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

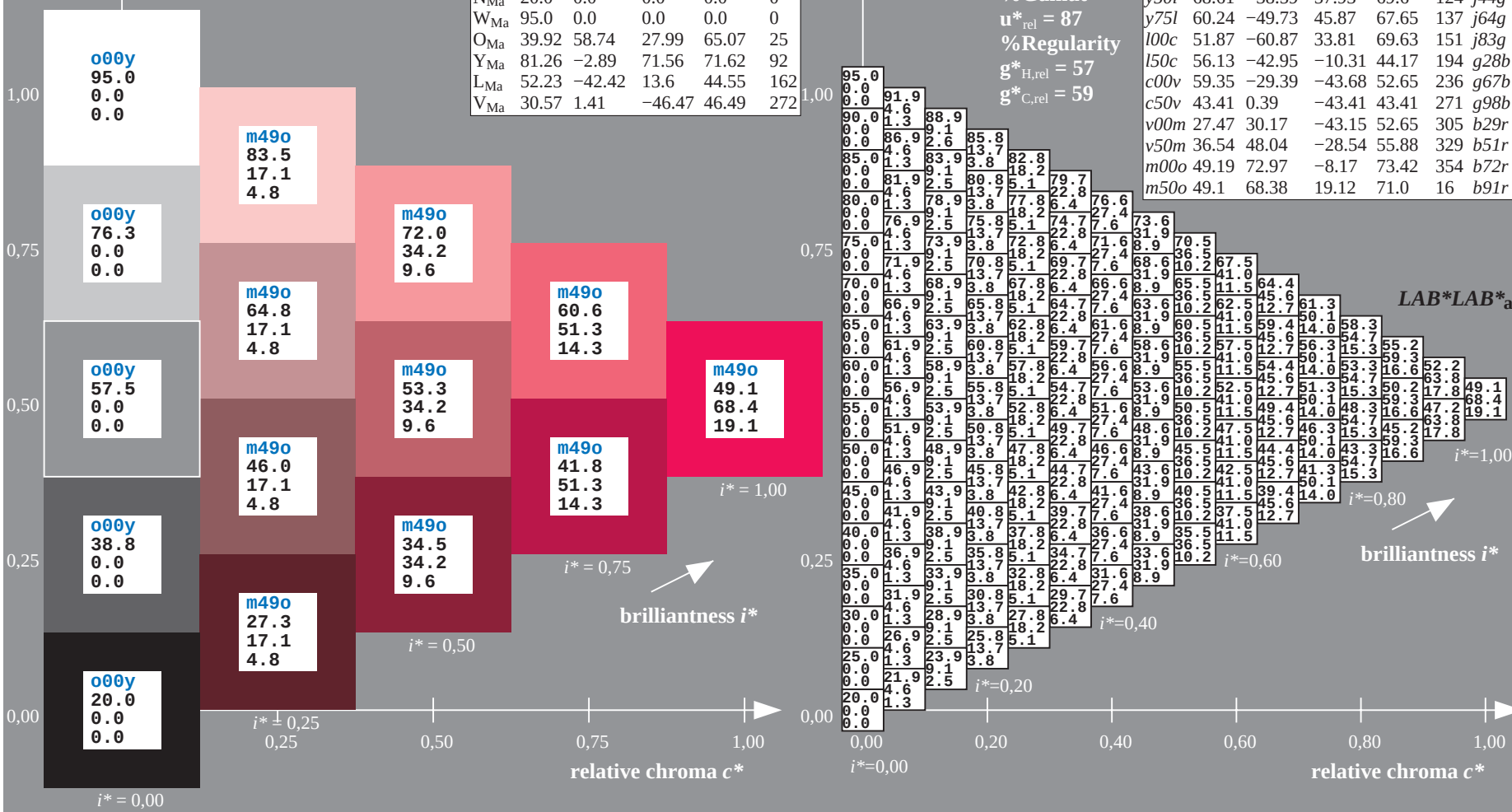
$g^*_{H,rel} = 57$

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

ORS18_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

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



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, ColSpX=1

BAM registration: 20081001-Ee65/10L/L65E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*	LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
01	28.0	24.0	28.0	32.0	35.9	39.9	43.9	47.9	51.9	55.9	59.9	63.9	67.9	71.9	75.9	79.9	83.9	87.9	91.9	95.9	99.9	103.9	107.9	111.9	115.9	119.9	123.9	127.9	131.9	135.9	139.9	143.9	147.9	151.9	155.9	159.9	163.9	167.9	171.9	175.9	179.9	183.9	187.9	191.9	195.9	199.9	203.9	207.9	211.9	215.9	219.9	223.9	227.9	231.9	235.9	239.9	243.9	247.9	251.9	255.9	259.9	263.9	267.9	271.9	275.9	279.9	283.9	287.9	291.9	295.9	299.9	303.9	307.9	311.9	315.9	319.9	323.9	327.9	331.9	335.9	339.9	343.9	347.9	351.9	355.9	359.9	363.9	367.9	371.9	375.9	379.9	383.9	387.9	391.9	395.9	399.9	403.9	407.9	411.9	415.9	419.9	423.9	427.9	431.9	435.9	439.9	443.9	447.9	451.9	455.9	459.9	463.9	467.9	471.9	475.9	479.9	483.9	487.9	491.9	495.9	499.9	503.9	507.9	511.9	515.9	519.9	523.9	527.9	531.9	535.9	539.9	543.9	547.9	551.9	555.9	559.9	563.9	567.9	571.9	575.9	579.9	583.9	587.9	591.9	595.9	599.9	603.9	607.9	611.9	615.9	619.9	623.9	627.9	631.9	635.9	639.9	643.9	647.9	651.9	655.9	659.9	663.9	667.9	671.9	675.9	679.9	683.9	687.9	691.9	695.9	699.9	703.9	707.9	711.9	715.9	719.9	723.9	727.9	731.9	735.9	739.9	743.9	747.9	751.9	755.9	759.9	763.9	767.9	771.9	775.9	779.9	783.9	787.9	791.9	795.9	799.9	803.9	807.9	811.9	815.9	819.9	823.9	827.9	831.9	835.9	839.9	843.9	847.9	851.9	855.9	859.9	863.9	867.9	871.9	875.9	879.9	883.9	887.9	891.9	895.9	899.9	903.9	907.9	911.9	915.9	919.9	923.9	927.9	931.9	935.9	939.9	943.9	947.9	951.9	955.9	959.9	963.9	967.9	971.9	975.9	979.9	983.9	987.9	991.9	995.9	999.9	1003.9	1007.9	1011.9	1015.9	1019.9	1023.9	1027.9	1031.9	1035.9	1039.9	1043.9	1047.9	1051.9	1055.9	1059.9	1063.9	1067.9	1071.9	1075.9	1079.9	1083.9	1087.9	1091.9	1095.9	1099.9	1103.9	1107.9	1111.9	1115.9	1119.9	1123.9	1127.9	1131.9	1135.9	1139.9	1143.9	1147.9	1151.9	1155.9	1159.9	1163.9	1167.9	1171.9	1175.9	1179.9	1183.9	1187.9	1191.9	1195.9	1199.9	1203.9	1207.9	1211.9	1215.9	1219.9	1223.9	1227.9	1231.9	1235.9	1239.9	1243.9	1247.9	1251.9	1255.9	1259.9	1263.9	1267.9	1271.9	1275.9	1279.9	1283.9	1287.9	1291.9	1295.9	1299.9	1303.9	1307.9	1311.9	1315.9	1319.9	1323.9	1327.9	1331.9	1335.9	1339.9	1343.9	1347.9	1351.9	1355.9	1359.9	1363.9	1367.9	1371.9	1375.9	1379.9	1383.9	1387.9	1391.9	1395.9	1399.9	1403.9	1407.9	1411.9	1415.9	1419.9	1423.9	1427.9	1431.9	1435.9	1439.9	1443.9	1447.9	1451.9	1455.9	1459.9	1463.9	1467.9	1471.9	1475.9	1479.9	1483.9	1487.9	1491.9	1495.9	1499.9	1503.9	1507.9	1511.9	1515.9	1519.9	1523.9	1527.9	1531.9	1535.9	1539.9	1543.9	1547.9	1551.9	1555.9	1559.9	1563.9	1567.9	1571.9	1575.9	1579.9	1583.9	1587.9	1591.9	1595.9	1599.9	1603.9	1607.9	1611.9	1615.9	1619.9	1623.9	1627.9	1631.9	1635.9	1639.9	1643.9	1647.9	1651.9	1655.9	1659.9	1663.9	1667.9	1671.9	1675.9	1679.9	1683.9	1687.9	1691.9	1695.9	1699.9	1703.9	1707.9	1711.9	1715.9	1719.9	1723.9	1727.9	1731.9	1735.9	1739.9	1743.9	1747.9	1751.9	1755.9	1759.9	1763.9	1767.9	1771.9	1775.9	1779.9	1783.9	1787.9	1791.9	1795.9	1799.9	1803.9	1807.9	1811.9	1815.9	1819.9	1823.9	1827.9	1831.9	1835.9	1839.9	1843.9	1847.9	1851.9	1855.9	1859.9	1863.9	1867.9	1871.9	1875.9	1879.9	1883.9	1887.9	1891.9	1895.9	1899.9	1903.9	1907.9	1911.9	1915.9	1919.9	1923.9	1927.9	1931.9	1935.9	1939.9	1943.9	1947.9	1951.9	1955.9	1959.9	1963.9	1967.9	1971.9	1975.9	1979.9	1983.9	1987.9	1991.9	1995.9	1999.9	2003.9	2007.9	2011.9	2015.9	2019.9	2023.9	2027.9	2031.9	2035.9	2039.9	2043.9	2047.9	2051.9	2055.9	2059.9	2063.9	2067.9	2071.9	2075.9	2079.9	2083.9	2087.9	2091.9	2095.9	2099.9	2103.9	2107.9	2111.9	2115.9	2119.9	2123.9	2127.9	2131.9	2135.9	2139.9	2143.9	2147.9	2151.9	2155.9	2159.9	2163.9	2167.9	2171.9	2175.9	2179.9	2183.9	2187.9	2191.9	2195.9	2199.9	2203.9	2207.9	2211.9	2215.9	2219.9	2223.9	2227.9	2231.9	2235.9	2239.9	2243.9	2247.9	2251.9	2255.9	2259.9	2263.9	2267.9	2271.9	2275.9	2279.9	2283.9	2287.9	2291.9	2295.9	2299.9	2303.9	2307.9	2311.9	2315.9	2319.9	2323.9	2327.9	2331.9	2335.9	2339.9	2343.9	2347.9	2351.9	2355.9	2359.9	2363.9	2367.9	2371.9	2375.9	2379.9	2383.9	2387.9	2391.9	2395.9	2399.9	2403.9	2407.9	2411.9	2415.9	2419.9	2423.9	2427.9	2431.9	2435.9	2439.9	2443.9	2447.9	2451.9	2455.9	2459.9	2463.9	2467.9	2471.9	2475.9	2479.9	2483.9	2487.9	2491.9	2495.9	2499.9	2503.9	2507.9	2511.9	2515.9	2519.9	2523.9	2527.9	2531.9	2535.9	2539.9	2543.9	2547.9	2551.9	2555.9	2559.9	2563.9	2567.9	2571.9	2575.9	2579.9	2583.9	2587.9	2591.9	2595.9	2599.9	2603.9	2607.9	2611.9	2615.9	2619.9	2623.9	2627.9	2631.9	2635.9	2639.9	2643.9	2647.9	2651.9	2655.9	2659.9	2663.9	2667.9	2671.9	2675.9	2679.9	2683.9	2687.9	2691.9	2695.9	2699.9	2703.9	2707.9	2711.9	2715.9	2719.9	2723.9	2727.9	2731.9	2735.9	2739.9	2743.9	2747.9	2751.9	2755.9	2759.9	2763.9	2767.9	2771.9	2775.9	2779.9	2783.9	2787.9	2791.9	2795.9	2799.9	2803.9	2807.9	2811.9	2815.9	2819.9	2823.9	2827.9	2831.9	2835.9	2839.9	2843.9	2847.9	2851.9	2855.9	2859.9	2863.9	2867.9	2871.9	2875.9	2879.9	2883.9	2887.9	2891.9	2895.9	2899.9	2903.9	2907.9	2911.9	2915.9	2919.9	2923.9	2927.9	2931.9	2935.9	2939.9	2943.9	2947.9	2951.9	2955.9	2959.9	2963.9	2967.9	2971.9	2975.9	2979.9	2983.9	2987.9	2991.9	2995.9	2999.9	3003.9	3007.9	3011.9	3015.9	3019.9	3023.9	3027.9	3031.9	3035.9	3039.9	3043.9	3047.9	3051.9	3055.9	3059.9	3063.9	3067.9	3071.9	3075.9	3079.9	3083.9	3087.9	3091.9	3095.9	3099.9	3103.9	3107.9	3111.9	3115.9	3119.9	3123.9	3127.9	3131.9	3135.9	3139.9	3143.9	3147.9	3151.9	3155.9	3159.9	3163.9	3167.9	3171.9	3175.9	3179.9	3183.9	3187.9	3191.9	3195.9	3199.9	3203.9	3207.9	3211.9	3215.9	3219.9	3223.9	3227.9	3231.9	3235.9	3239.9	3243.9	3247.9	3251.9	3255.9	3259.9	3263.9	3267.9	3271.9	3275.9	3279.9	3283.9	3287.9	3291.9	3295.9	3299.9	3303.9	3307.9	3311.9	3315.9	3319.9	3323.9	3327.9	3331.9	3335.9	3339.9	3343.9	3347.9	3351.9	3355.9	3359.9	3363.9	3367.9	3371.9	3375.9	3379.9	3383.9	3387.9	3391.9	3395.9	3399.9	3403.9	3407.9	3411.9	3415.9	3419.9	3423.9	3427.9	3431.9	3435.9	3439.9	3443.9	3447.9	3451.9	3455.9	3459.9	3463.9	3467.9	3471.9	3475.9	3479.9	3483.9	3487.9	3491.9	3495.9	3499.9	3503.9	3507.9	3511.9	3515.9	3519.9	3523.9	3527.9	3531.9	3535.9	3539.9	3543.9	3547.9	3551.9	3555.9	3559.9	3563.9	3567.9	3571.9	3575.9	3579.9	3583.9	3587.9	3591.9	3595.9	3599.9	3603.9	3607.9	3611.9	3615.9	3619.9	3623.9	3627.9	3631.9	3635.9	3639.9	3643.9	3647.9	3651.9	3655.9	3659.9	3663.9	3667.9	3671.9	3675.9	3679.9	3683.9	3687.9	3691.9	3695.9	3699.9	3703.9	3707.9	37

Input and output:

Colorimetric Printer Reflective System ORS18_95aM
data for any colour:

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

device hue text:

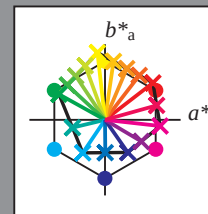
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.97$

ORS18_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

$u^*_{rel} = 87$

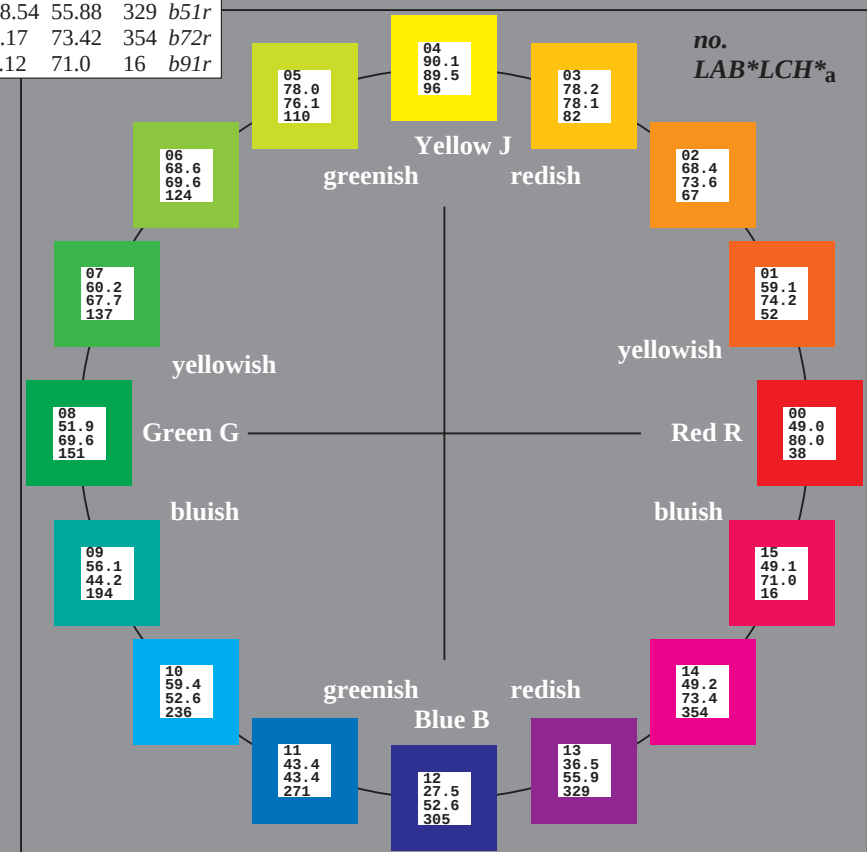
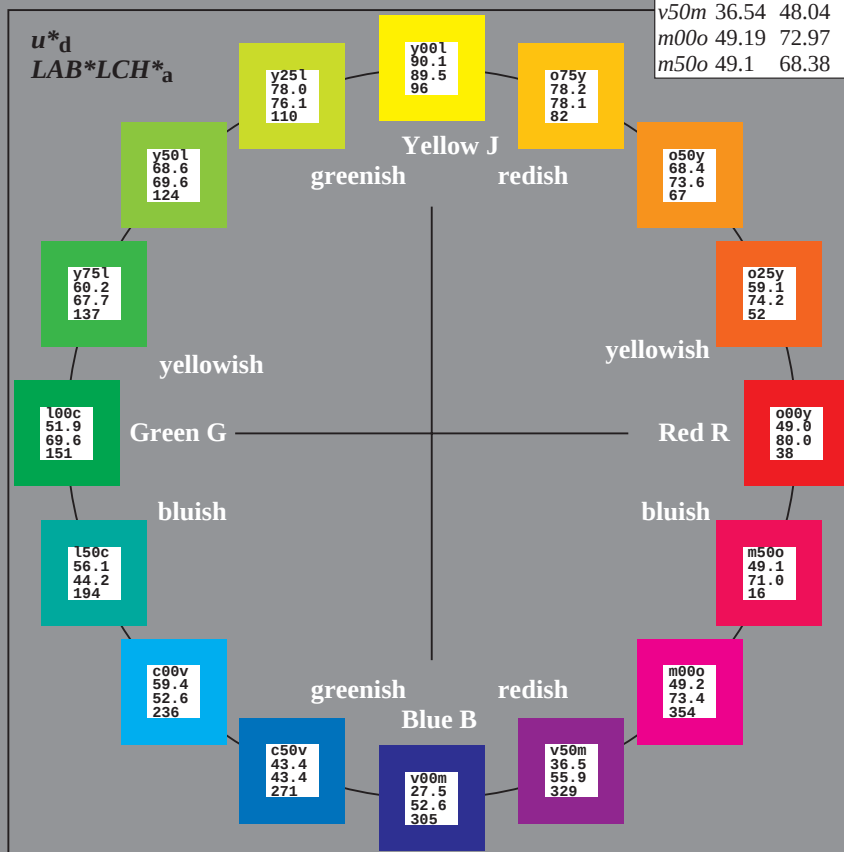
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

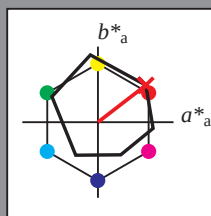
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

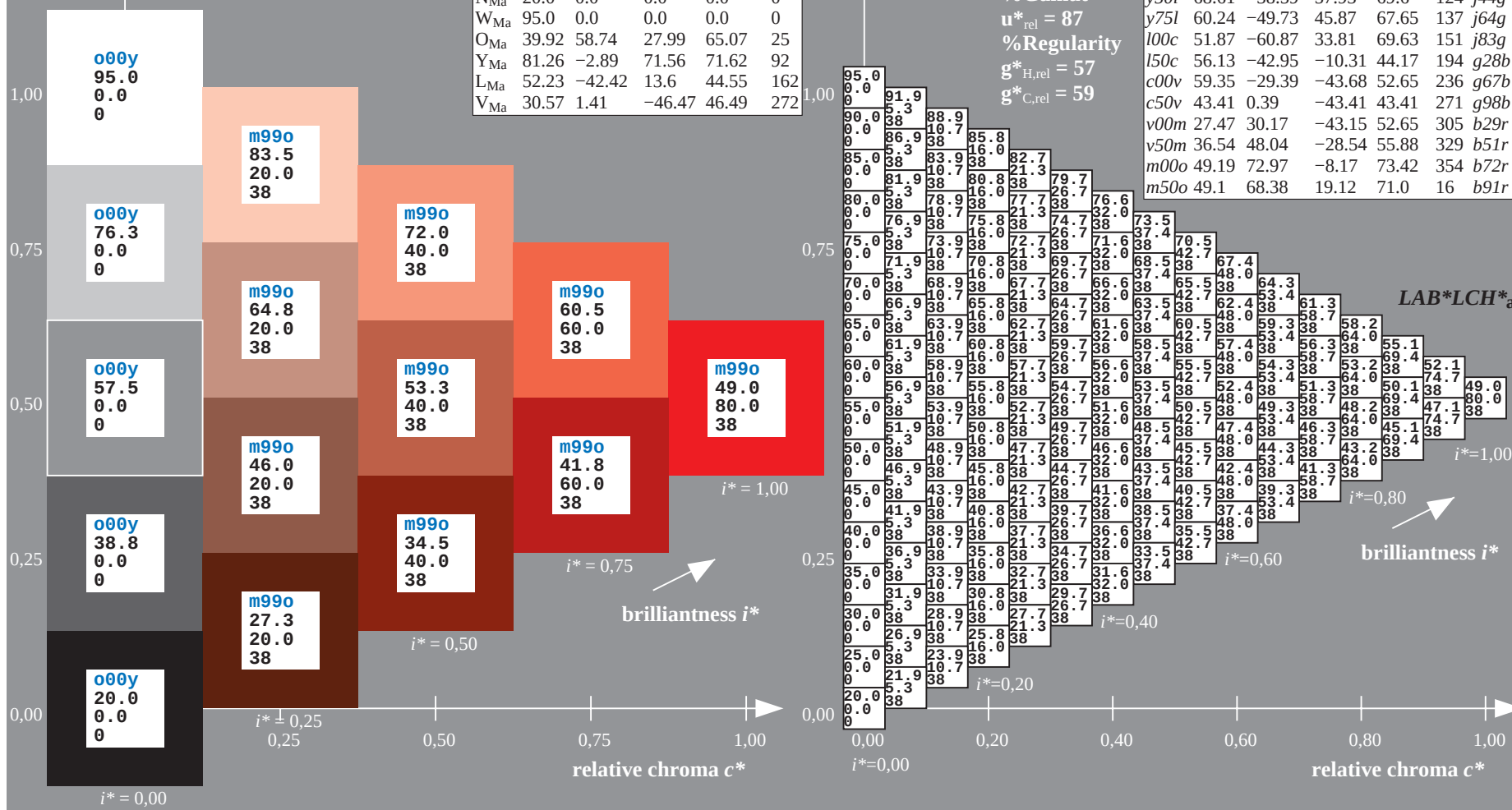
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$

data for any colour:

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

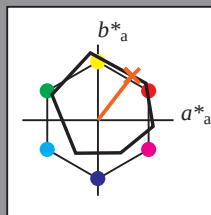
Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$

data for any colour:

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

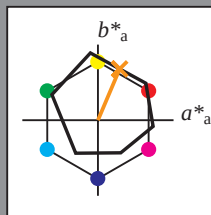
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

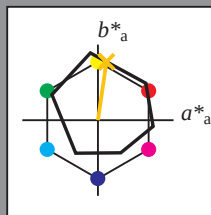
$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS18_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^*



ORS18_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

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

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

ORS18_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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

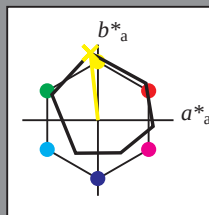
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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

$u^*_d = y00l$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

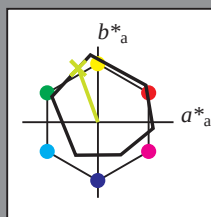
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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

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

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

relative chroma c^*

relative chroma c^*

data for any colour:

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

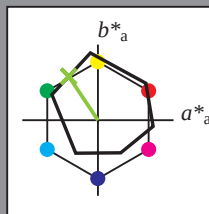
Hue texts:

$$u_d^* = y50l \quad u_e^* = j44g$$

contrast reduction factor:

 $c_D = 0.97$ triangle lightness t^*

triangle lightness t



ORS18_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_{∞} : 69 -39 58

LAB LAB Ma: 69	55	56
LAB* LGIII*	69	79 122

LAB*LCH*Ma: 69 70 1

*lab*olv**Ma: 0.5 1.0 0.0

*lab*rgb*_M_a*: 0.55 1.0 0.0

triangle lightness t^*

triangle rightness t

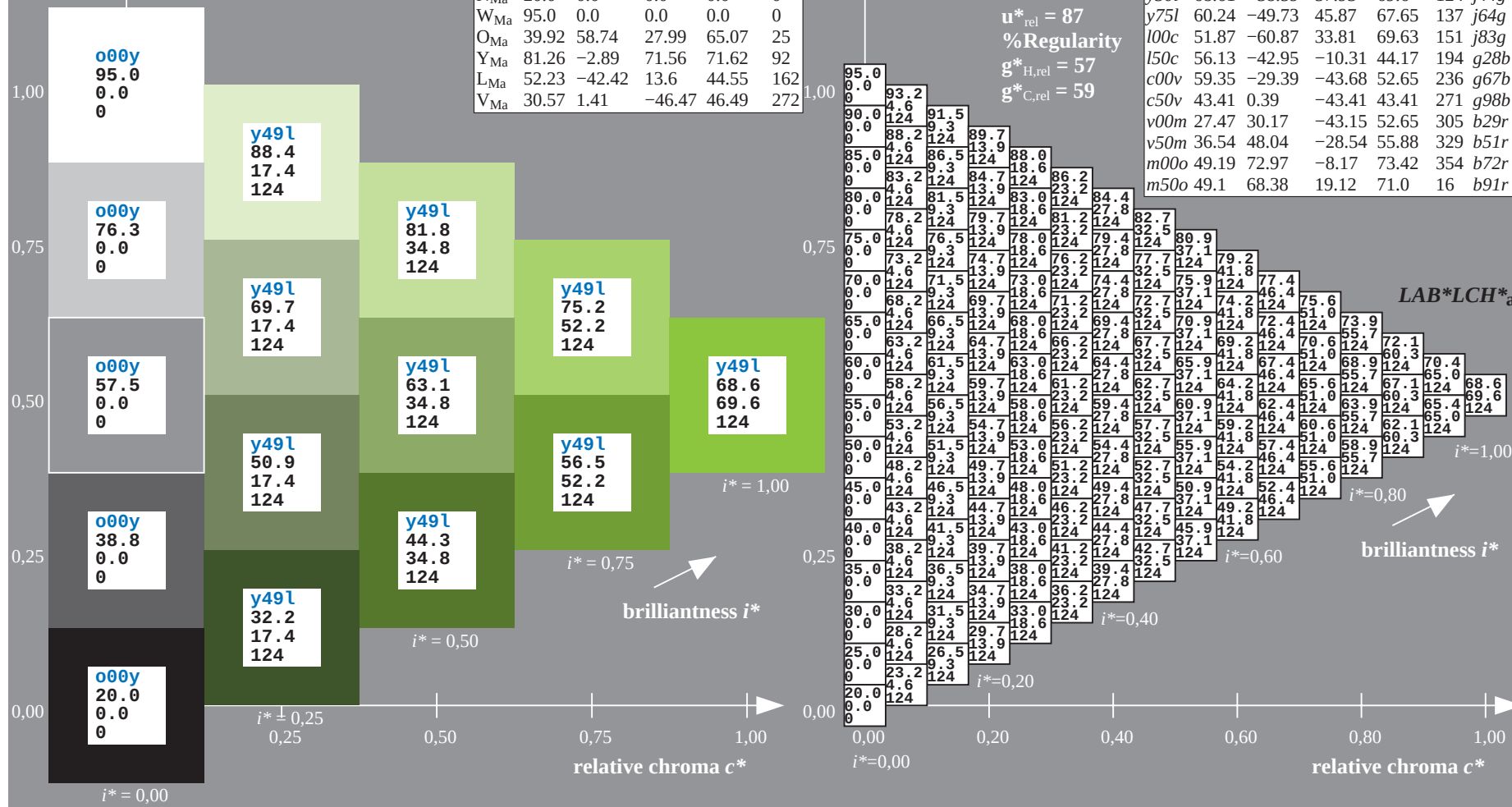
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 87$$

%Regularity

$$g_{\text{H,rel}}^* = 57$$
$$g^*_{C,rel} = 59$$

ORS18_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 98/198

D65: colour scales and 9 data tables for 16 hues 000° to $m750^\circ$

input: 000n / w / nnn0 / www set...

```
output: ->cmvn6* setcmvcolor
```


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

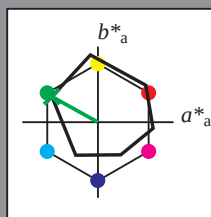
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

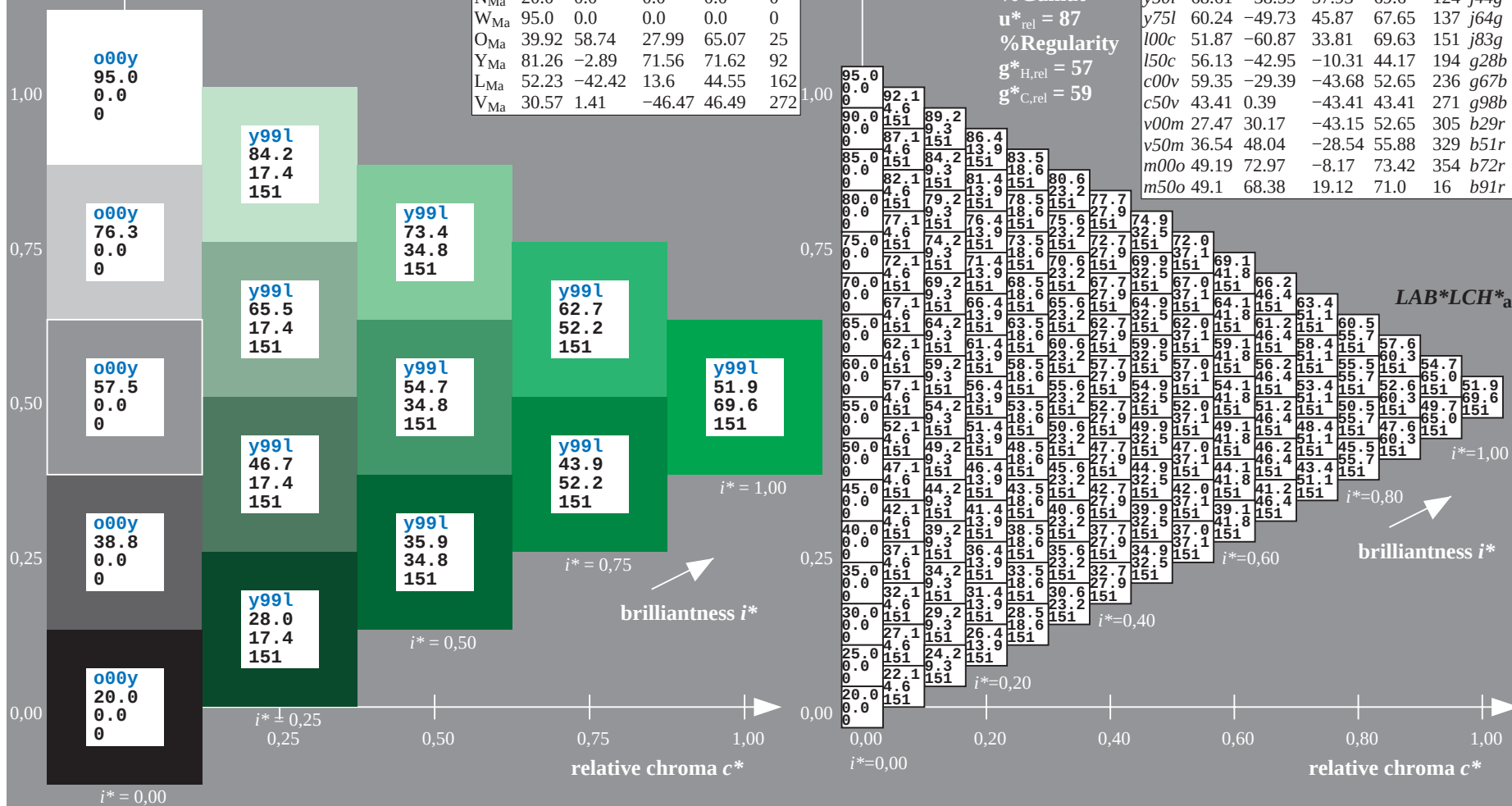
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$

data for any colour:

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

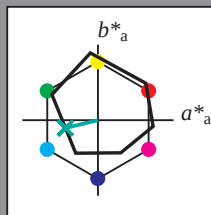
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

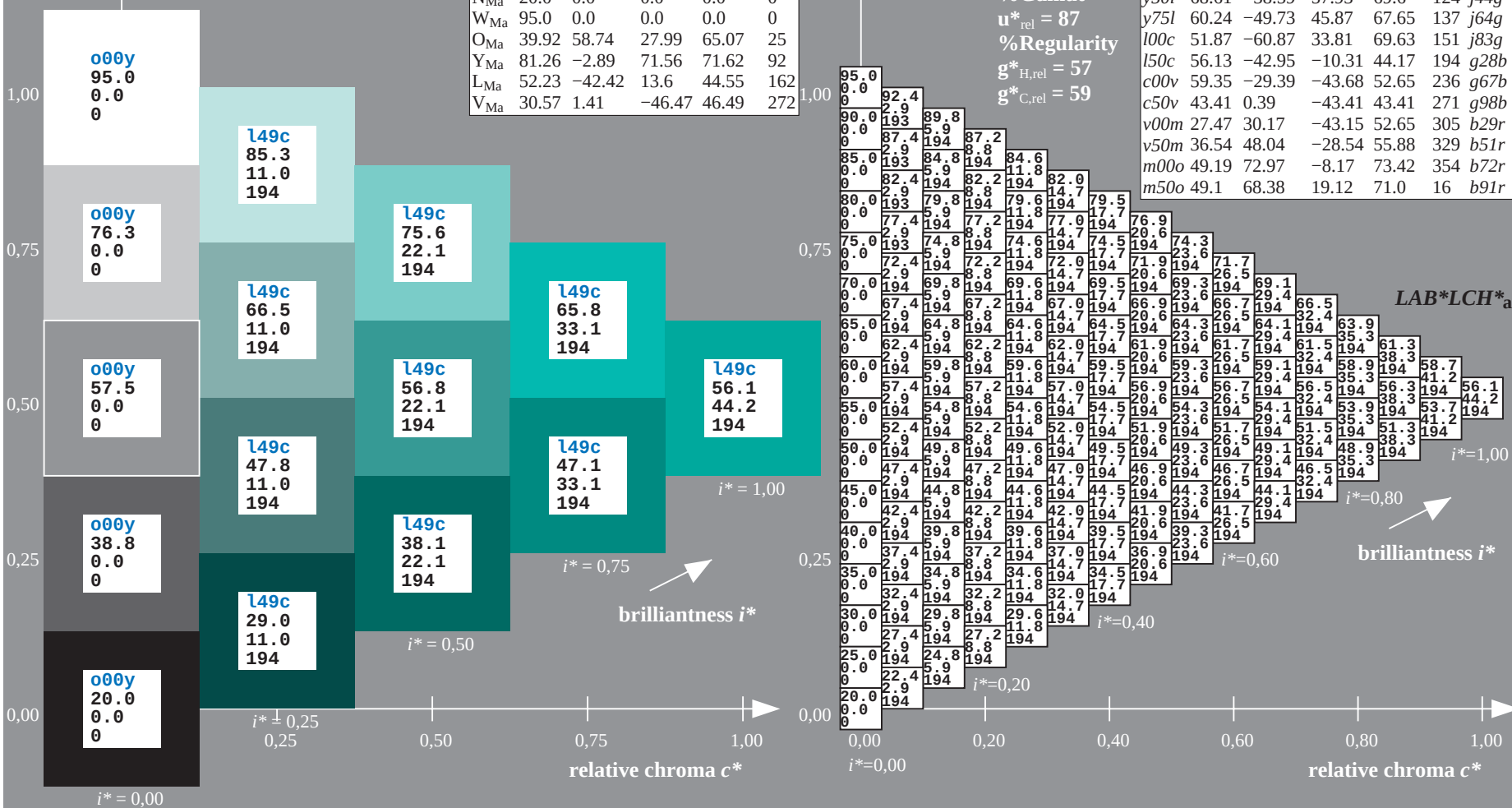
$g^*_{H,rel} = 57$

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

ORS18_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

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

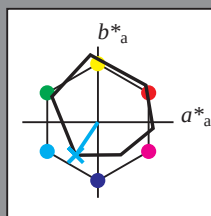
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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

$u^*_d = c00v$
 $LAB^*LCH^*_{Ma}$

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

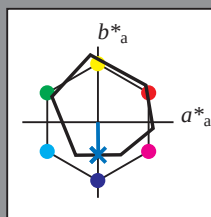
$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

Input and output: Colorimetric Printer Reflective System ORS18_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^*



ORS18_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

$u^*_{rel} = 87$

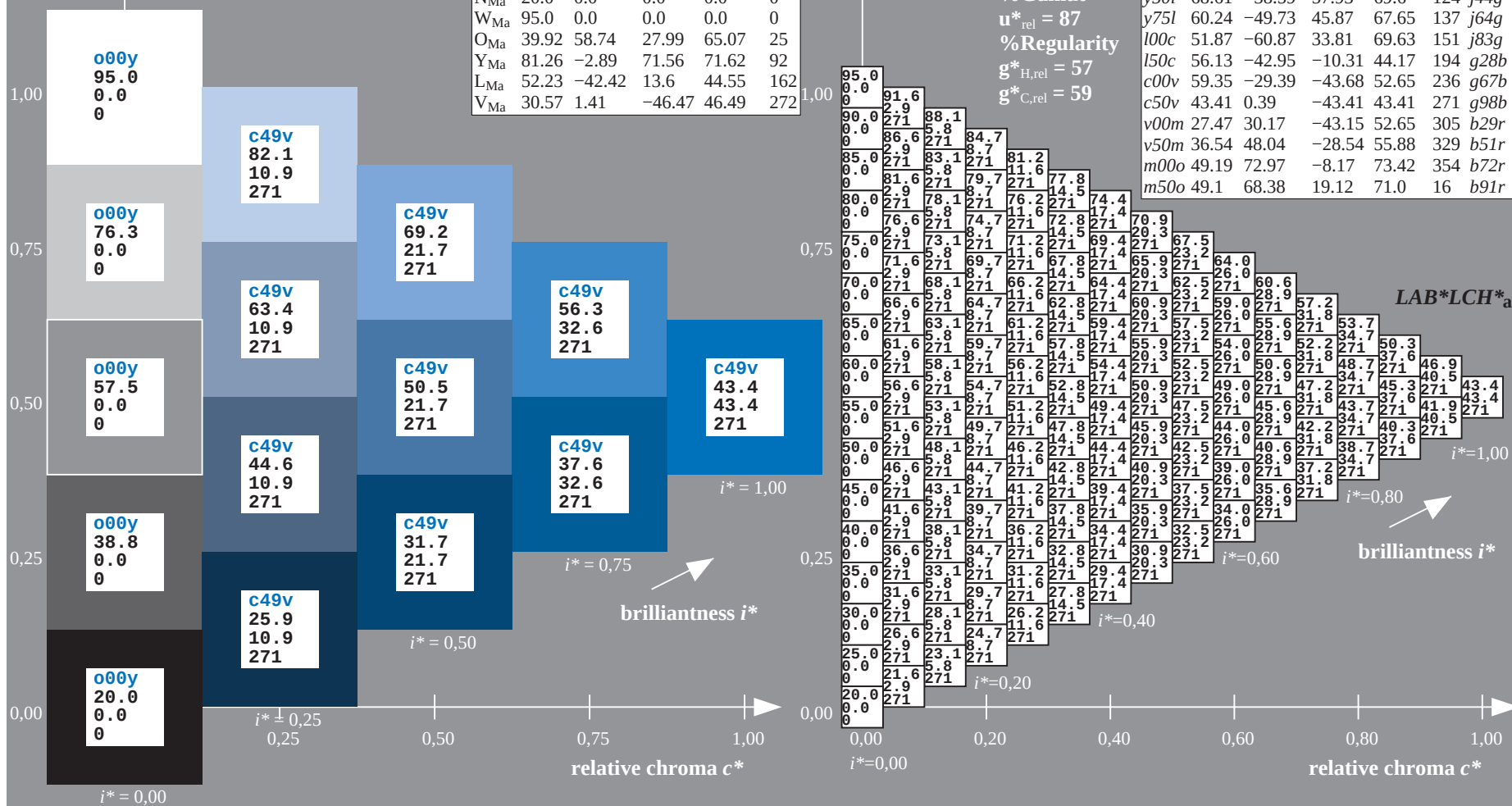
%Regularity

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

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

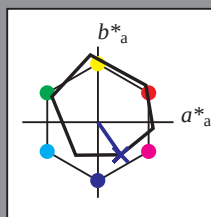
ORS18_95aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	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 ORS18_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^*



ORS18_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

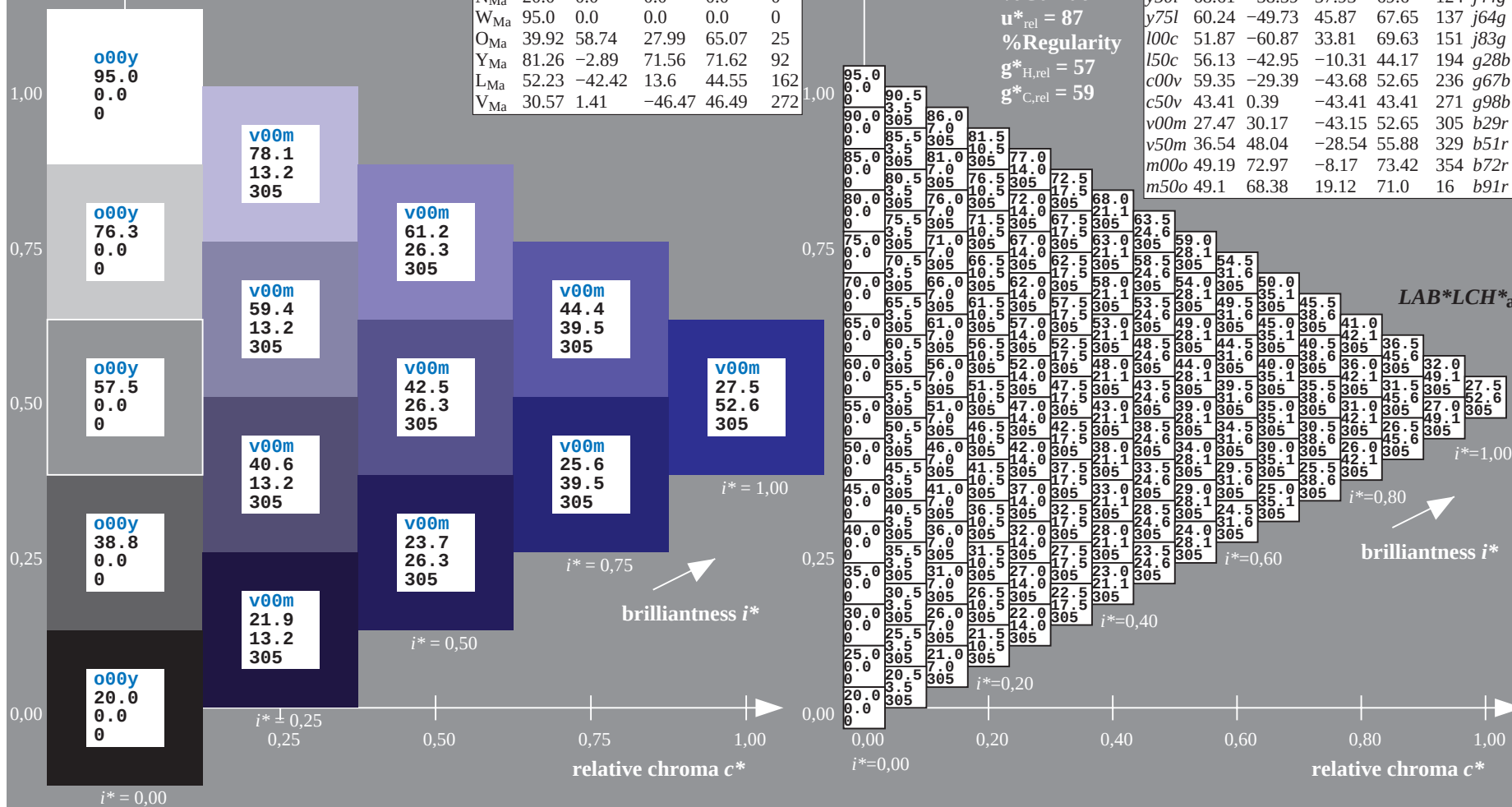
$u^*_{rel} = 87$

%Regularity

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

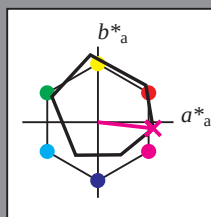
$g^*_{C,rel} = 59$

ORS18_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 ORS18_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^*



ORS18_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

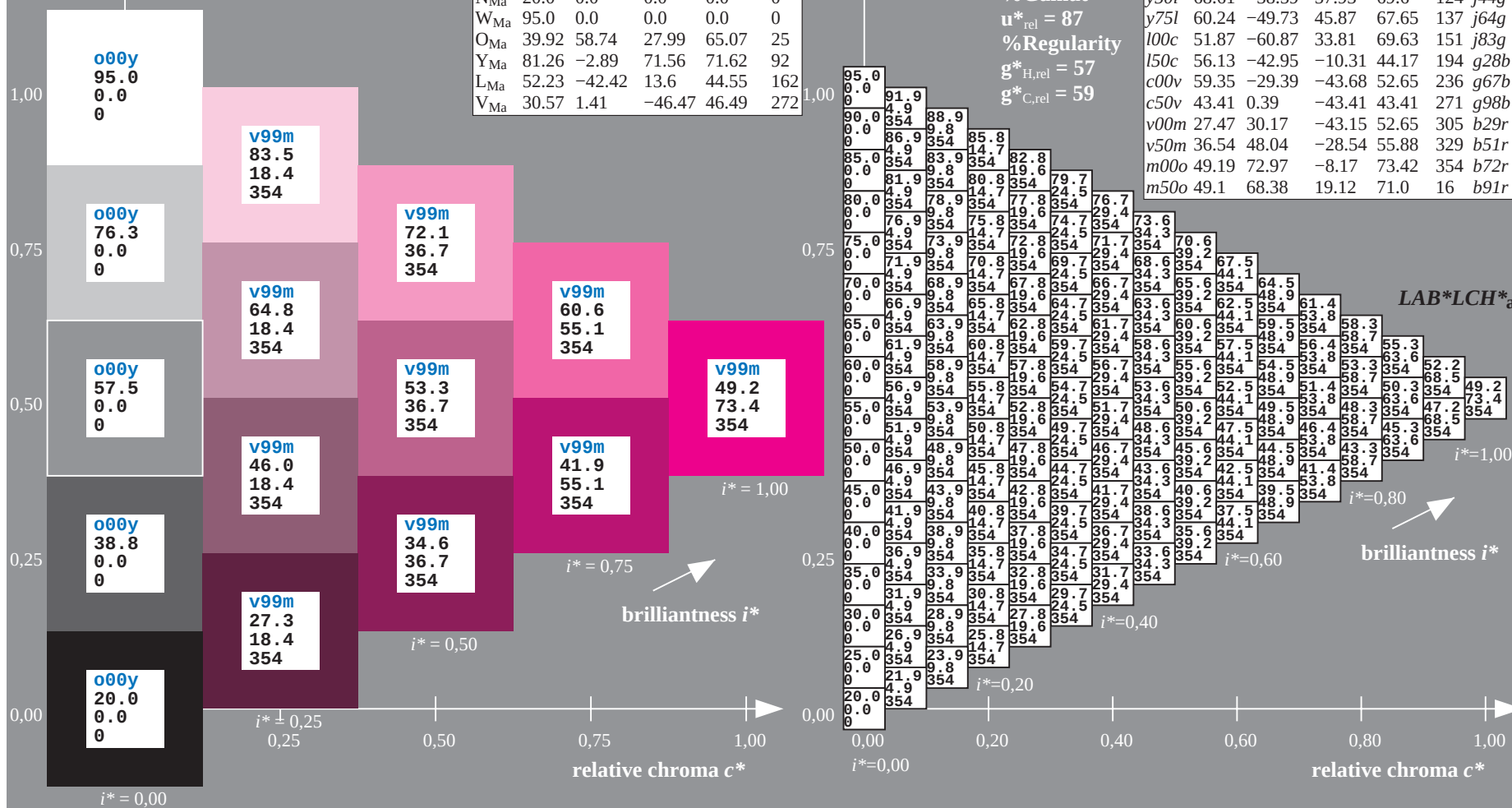
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

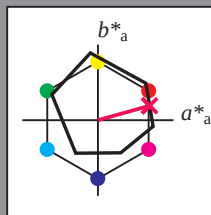
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

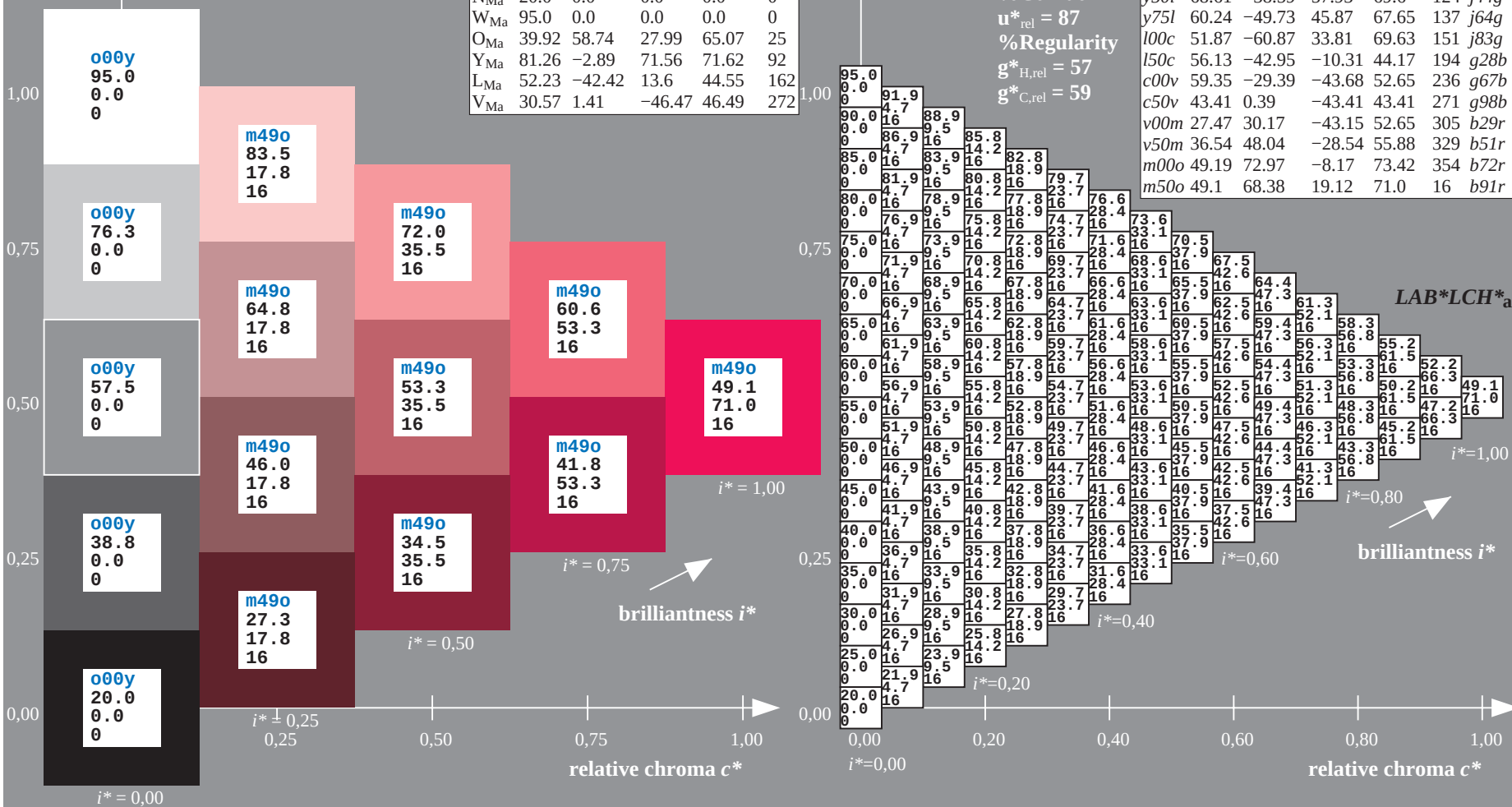
$g^*_{H,rel} = 57$

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

ORS18_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

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



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, ColSpx=1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LCH*a				
01	28.0	24.0	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	17.1	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	22.2	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	143	144	38	67	96	115	124	129	133	135	137	0	38	38	38	38	38	38	38	38	0	0	0	0		
02	20.9	24.9	29.0	33.2	37.2	41.3	45.3	49.4	53.4	23.3	29.4	33.7	37.3	41.3	45.3	49.3	53.2	57.3	27.3	33.0	38.1	41.5	45.5	49.5	53.5	57.5	61.5	96.0	95.6	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	41.0	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	34.8	42.3	50.9	59.5	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		
	395	236	194	179	172	168	165	163	162	354	0	151	151	151	151	151	151	151	16	38	96	124	133	137	140	142	143	236	0	38	38	38	38	38	38	38	38	0	0	0	0	
03	21.5	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	54.7	58.7	27.3	33.0	38.8	42.7	46.7	50.7	54.7	58.7	62.7	131.6	131.2	121.6	111.6	101.6	91.6	81.6	71.6	61.6	51.6	41.6	31.6	21.6		
	13.2	19.9	26.2	32.5	38.8	45.1	51.4	57.7	64.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	395	273	236	200	164	128	92	56	20	359	236	194	179	172	168	165	163	162	161	38	96	124	133	137	140	142	143	236	0	38	38	38	38	38	38	38	38	38	38	38	38	
04	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	51.5	55.6	59.7	28.5	34.5	39.7	43.7	47.8	51.9	56.0	60.0	64.0	131.2	130.7	120.7	110.7	100.7	90.7	80.7	70.7	60.7	50.7	40.7	30.7	20.7	10.7	0.7
	19.7	16.6	16.6	19.7	22.4	27.3	33.1	39.5	46.3	20.1	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	25.2	33.0	41.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	0.0	0.0	0.0	0.0	
	395	282	259	236	215	202	194	187	183	321	305	291	277	264	250	236	219	208	194	187	329	329	305	271	236	200	165	136	0	38	38	38	38	38	38	38	38	38	38	38	38	38
05	23.7	28.1	31.7	35.3	39.7	43.7	47.8	52.0	56.1	25.9	32.2	36.6	40.9	44.1	48.2	52.3	56.5	60.6	28.3	34.0	40.6	44.6	48.6	52.7	56.8	60.9	65.1	77.2	72.3	67.3	62.4	57.5	51.8	46.0	40.3	34.5	27.5	27.5	27.5	27.5		
	26.3	22.7	21.7	22.7	26.3	28.5	32.8	38.2	44.2	26.5	19.7	16.6	16.6	19.7	22.4	27.3	33.1	39.5	27.9	20.1	13.2	10.9	13.2	16.5	22.1	28.6	35.5	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	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	395	271	236	200	165	136	101	66	0	38	38	38	38	38	38	38	38	38	38	38	38	38
06	24.7	29.1	32.9	36.4	40.1	44.6	48.6	52.7	56.9	26.9	33.1	37.5	41.1	44.7	49.1	53.1	57.2	61.4	29.1	35.3	41.6	45.8	49.3	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	26.9	26.9	26.9	26.9		
	32.9	29.0	27.3	27.3	29.0	32.9	34.8	38.4	43.7	33.0	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	40.0	50.0	60.0	70.0	80.0	
	395	291	277	264	250	236	222	212	204	315	305	288	271	253	236	219	208	200	324	317	395	282	259	236	215	202	194	236	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	26.3	26.3	26.3			
	35.9	35.4	33.2	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	40.2	33.0	26.3	22.7	21.7	22.7	26.3	28.5	32.9	32.9	26.3	19.7	13.2	6.6	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	
	395	293	282	271	259	248	236	224	215	313	305	291	277	264	250	236	222	212	321	315	395	288	271	253	236	219	208	236	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	68.3	63.8	58.9	54.0	49.1	44.1	39.2	34.3	29.4	23.6	26.6	26.6	26.6		
	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	41.2	46.6	39.5	32.9	29.0	27.3	27.3	29.0	32.9	34.8	46.1	39.5	32.9	26.3	19.7	13.2	6.6	10.0	20.0	30.0	40.0	50.0	60.0	70.0	
	395	295	285	275	266	256	246	236	225	312	305	293	282	271	259	248	236	224	329	313	395	291	277	264	250	236	222	236	236	236	236	236	236	236	236	236	236	236	236	236	236	
09	27.5	32.2	36.2	39.9	43.4	46.9	50.6	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	63.3	67.3	59.2	54.4	49.5	44.6	39.7	34.8	29.8	24.9	20.0	95.0	95.0	95.0	95.0		
	52.6	48.2	45.5	43.9	43.4	43.9	45.8	48.2	52.6	52.6	46.1	41.8	39.3	38.1	38.1	39.3	41.8	46.1	51.9	46.0	39.5	35.4	33.2	32.6	33.2	35.4	39.5	52.6	46.1	39.5	32.9	26.3	19.7	13.2	6.6	0.0	0.0	0.0	0.0	0.0		
	395	296	288	279	271	262	253	245	236	311	305	295	285	276	266	256	246	236	317	312	395	293	282	277	269	258	248	236	236	236	236	236	236	236	236	236	236	236	236	236		
10	29.0	35.8	40.6	46.3	49.0	52.6	56.5	60.4	64.4	34.5	39.6	44.2	48.1	51.1	54.6	58.6	61.6	64.7	38.3	44.5	48.5	52.6	56.7	60.8	66.2	70.3	73.1	95.0	94.4	83.8	78.2	72.6	67.9	63.1	58.3	53.5	48.7	43.9	39.1	34.3		
	30.0	26.2	28.5	30.6	32.8	35.0	37.2	39.4	41.6	30.1	36.8	41.9	45.1	48.3	51.5	54.7	57.9	61.0	64.2	46.8	40.8	45.8	50.9	55.9	60.9	66.2	70.2	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	0.0	0.0	0.0	0.0	
	395	307	298	289	280	271	262	253	244	312	306	296	286	277	268	259	249	240	318	313	395	307	298	289	280	271	262	253	244	235	226	217	208	199	190	181	172	163	154	145	136	
11	30.9	36.6	41.5	46.9	49.9	53.7	57.6	61.6	65.6	34.5	40.8	45.2	49.1	51.7	55.8	62.0	65.8	69.8	38.2	43.9	48.9	53.8	58.5	64.4	67.0	70.4	74.1	96.0	95.6	85.6	80.4	75.3	70.2	65.1	60.0	54.9	49.8	44.7	39.6			
	27.2	20.8	18.4	22.4	27.5	34.8	42.9	50.9	59.2	36.9	30.0	27.6	28.5	33.6	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	10.0	22.4	33.6	44.7	55.9	67.1	78.3	90.0	0.0	0.0	0.0	0.0	
	395	308	297	288	279	270	261	252	243	310	304	294	284	275	266	257	248	239	317	312	395	308	297	288	279	270	261	252	243	234	225	216	207	198	189	180	171	162	153	144		
12	30.9	36.6	42.4	47.5	50.9	54.9	58.9	62.9	66.9	34.5	40.8	46.0	50.9	56.3	62.3	63.1	67.0	71.0	38.2	43.9	49.6	54.6	59.3	65.0	67.8	71.4	75.2	78.1	77.2	67.3	75.6	74.4	73.8	73.2	72.6	72.0	71.4	70.8	70.2			
	26.5	17.8	10.0	11.2	17.4	25.4	33.8	42.3</																																		

BAM registration: 20081001-Ee65/10L/L65E00NA.PS/.TXT BAM material: code=rha4ta
Application for evaluation and measurement of printer or monitor systems

Input and output:

Colorimetric Printer Reflective System ORS18_95aM
data for any colour:

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

device hue text:

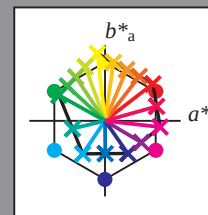
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS18_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

$u^*_{rel} = 87$

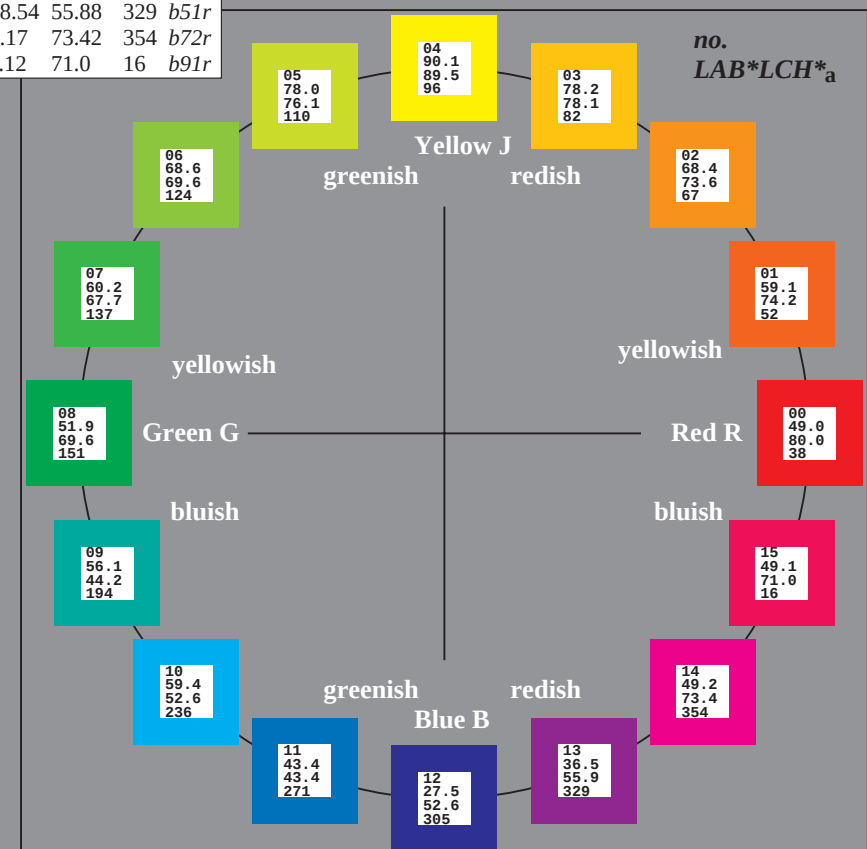
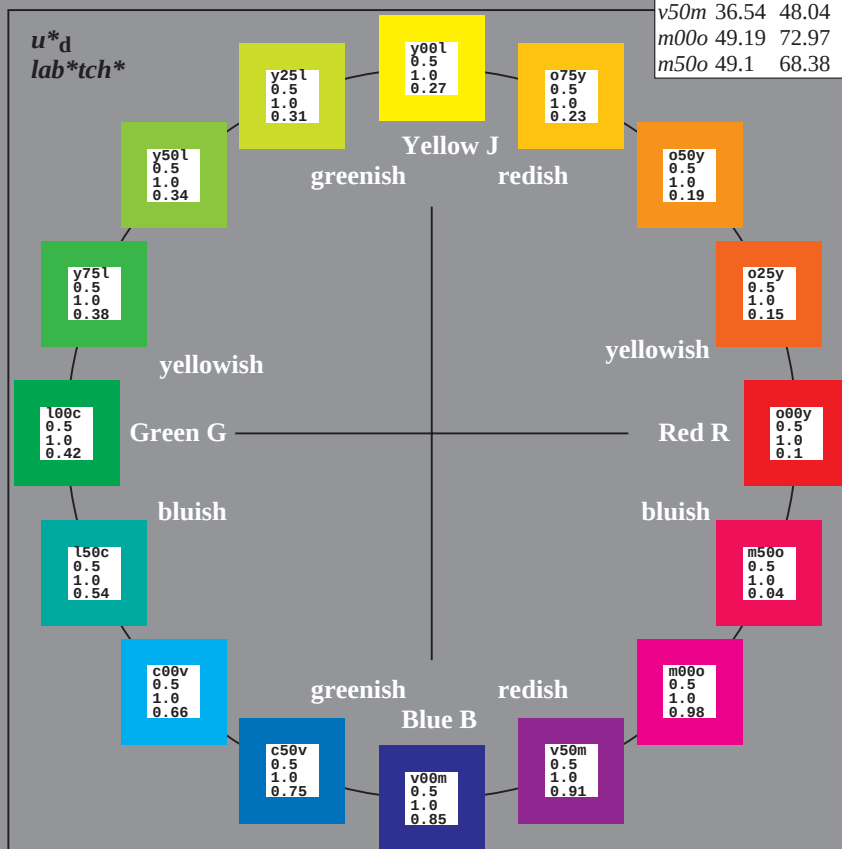
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

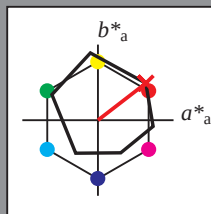
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$

data for any colour:

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

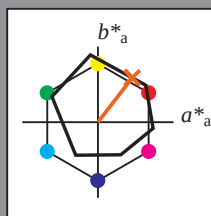
Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

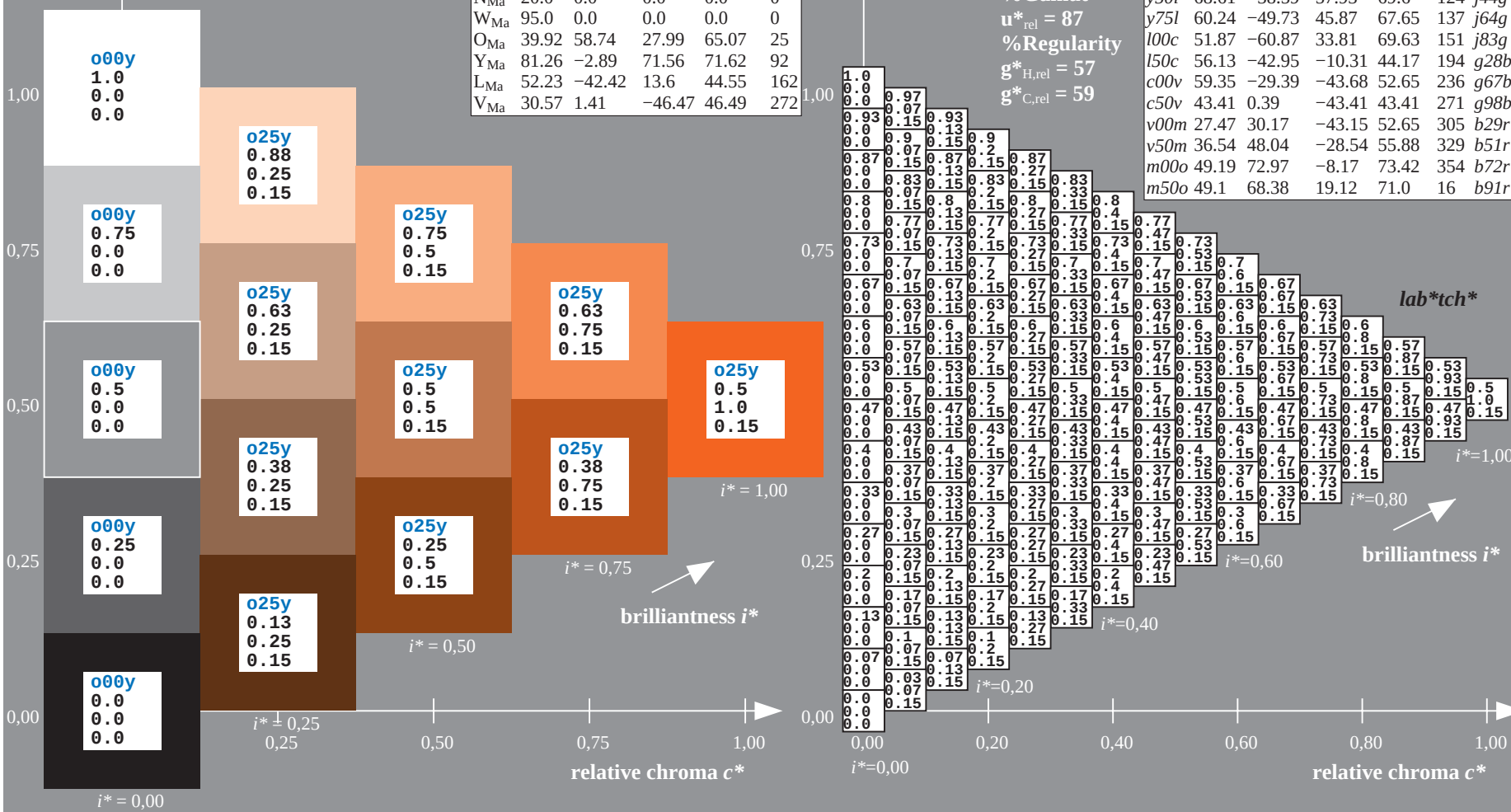
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$

data for any colour:

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

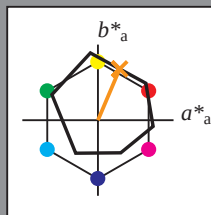
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$

data for any colour:

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

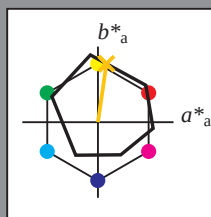
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

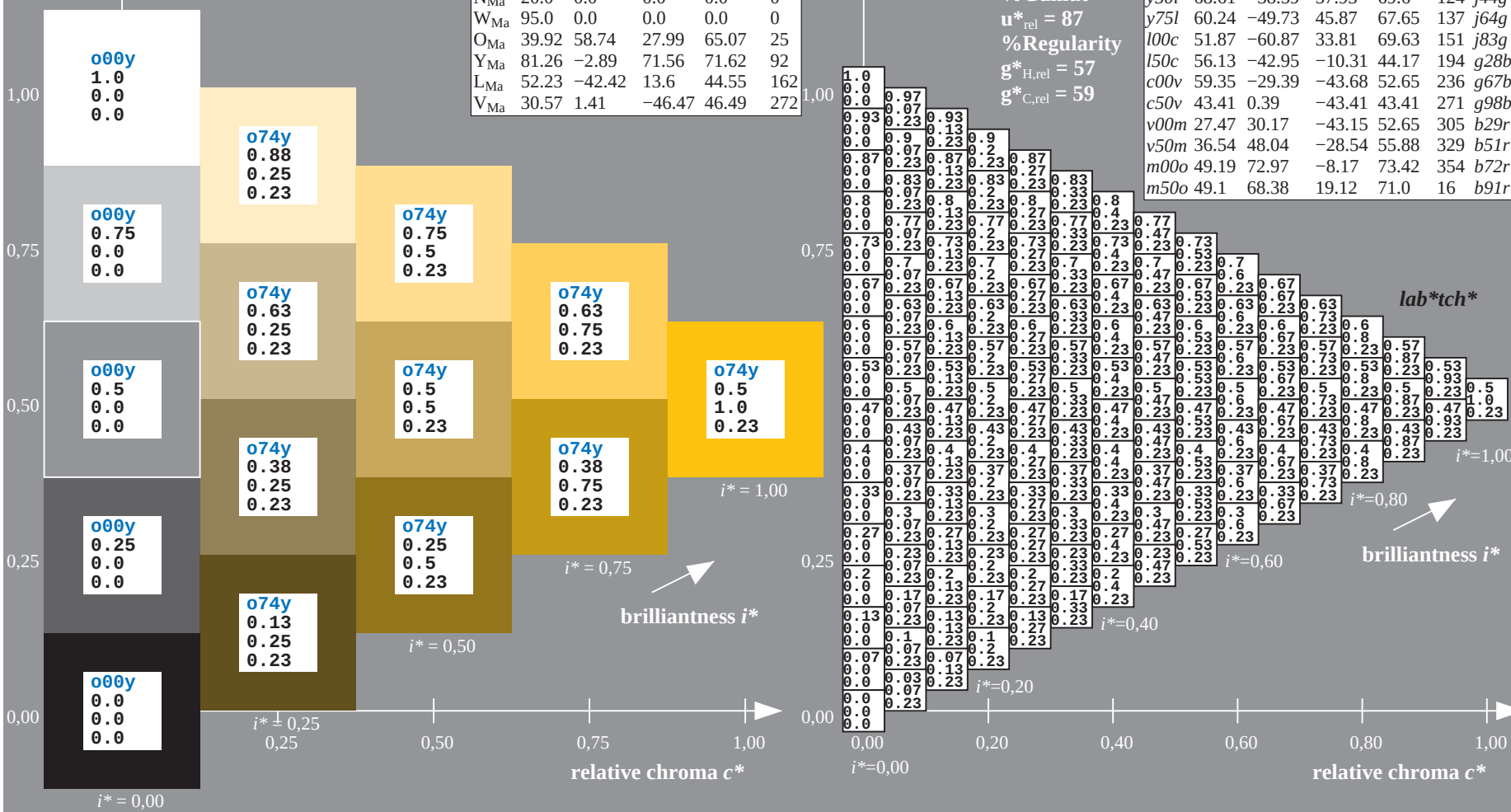
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

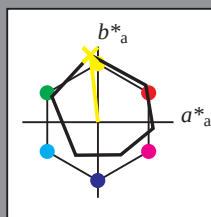
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

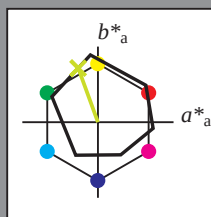
Hue texts:

$u_d^* = y25l$ $u_e^* = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$g_{H,rel}^* = 57$

$g_{C,rel}^* = 59$

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

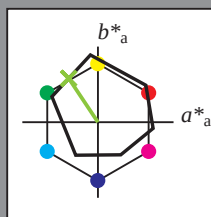
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:

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

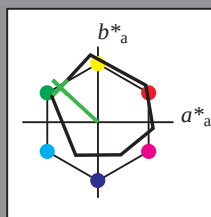
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

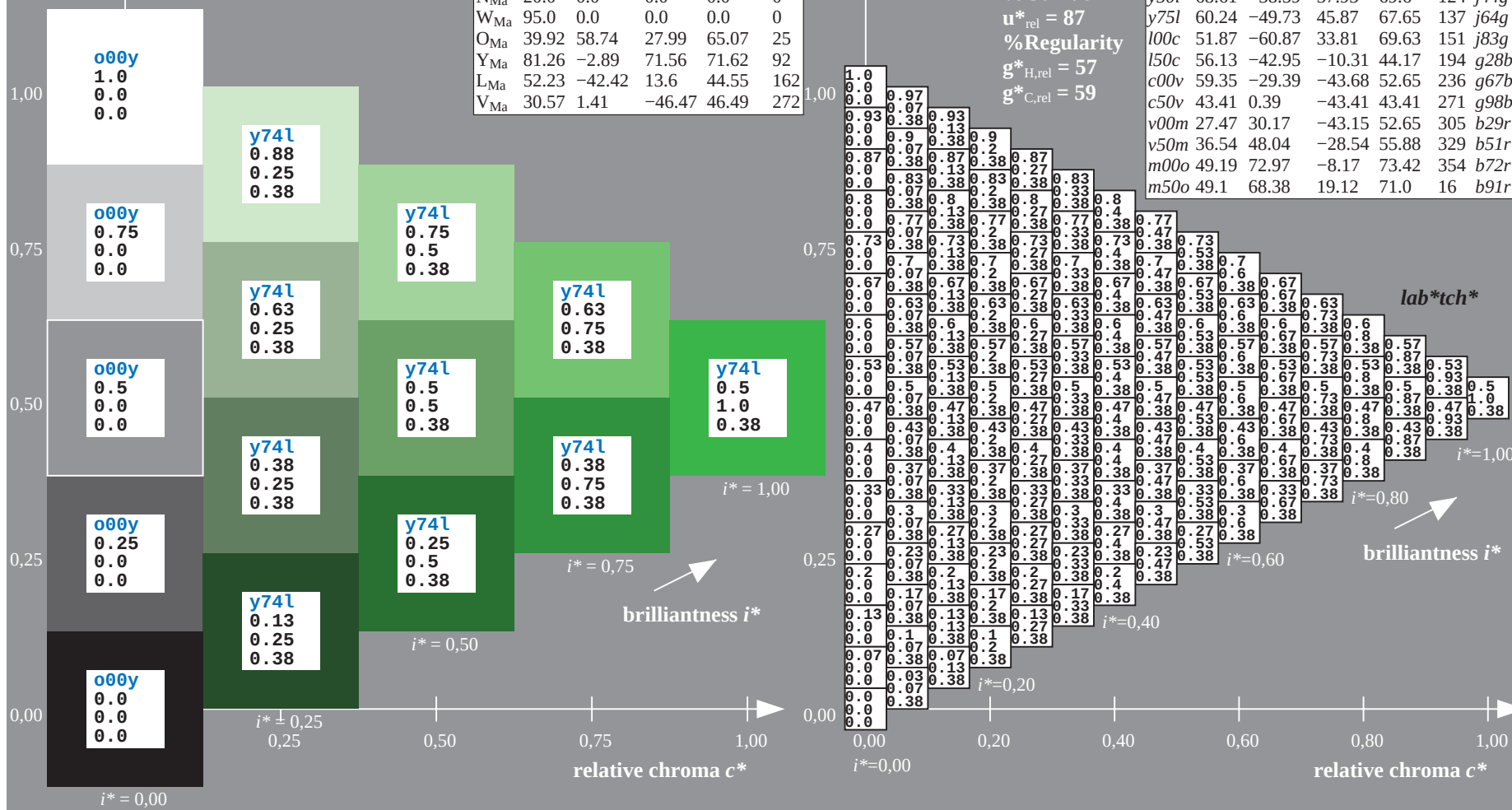
$g^*_{H,rel} = 57$

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

ORS18_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

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

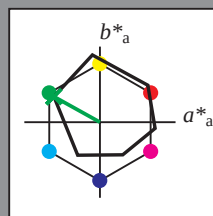
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$

data for any colour:

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

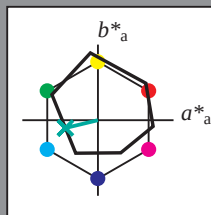
Hue texts:

$u_d^* = 150c$ $u_e^* = g28b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$g_{H,rel}^* = 57$

$g_{C,rel}^* = 59$

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

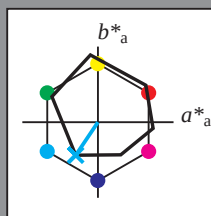
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*tch^*

lab^*tch^*

$i^* = 1.00$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

brilliantness i^*

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

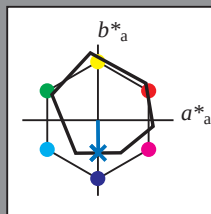
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$

data for any colour:

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

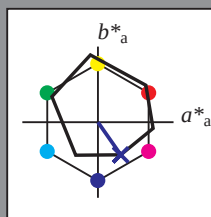
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

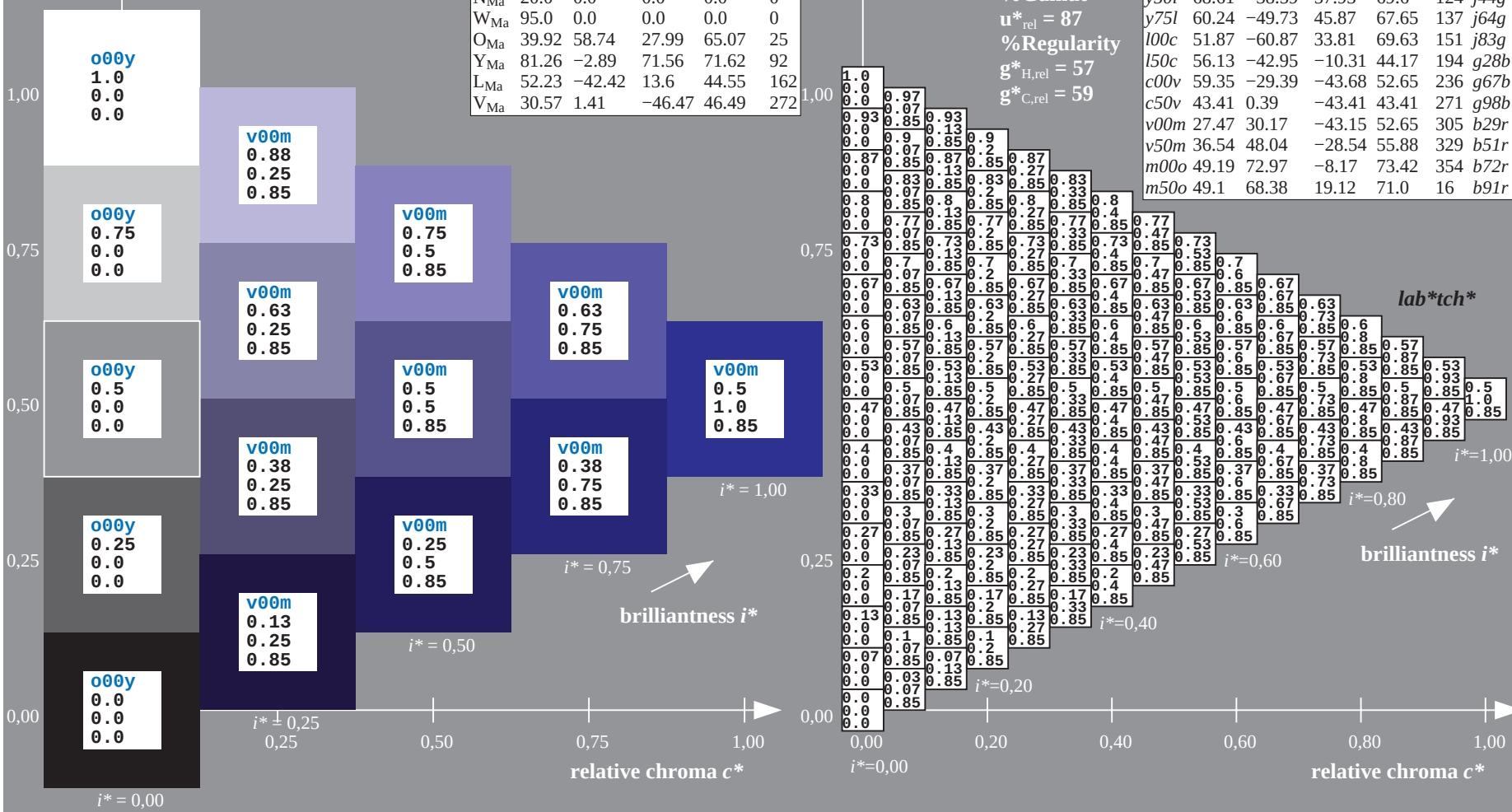
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$

data for any colour:

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

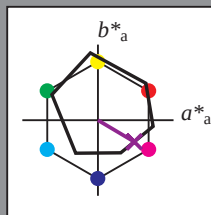
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

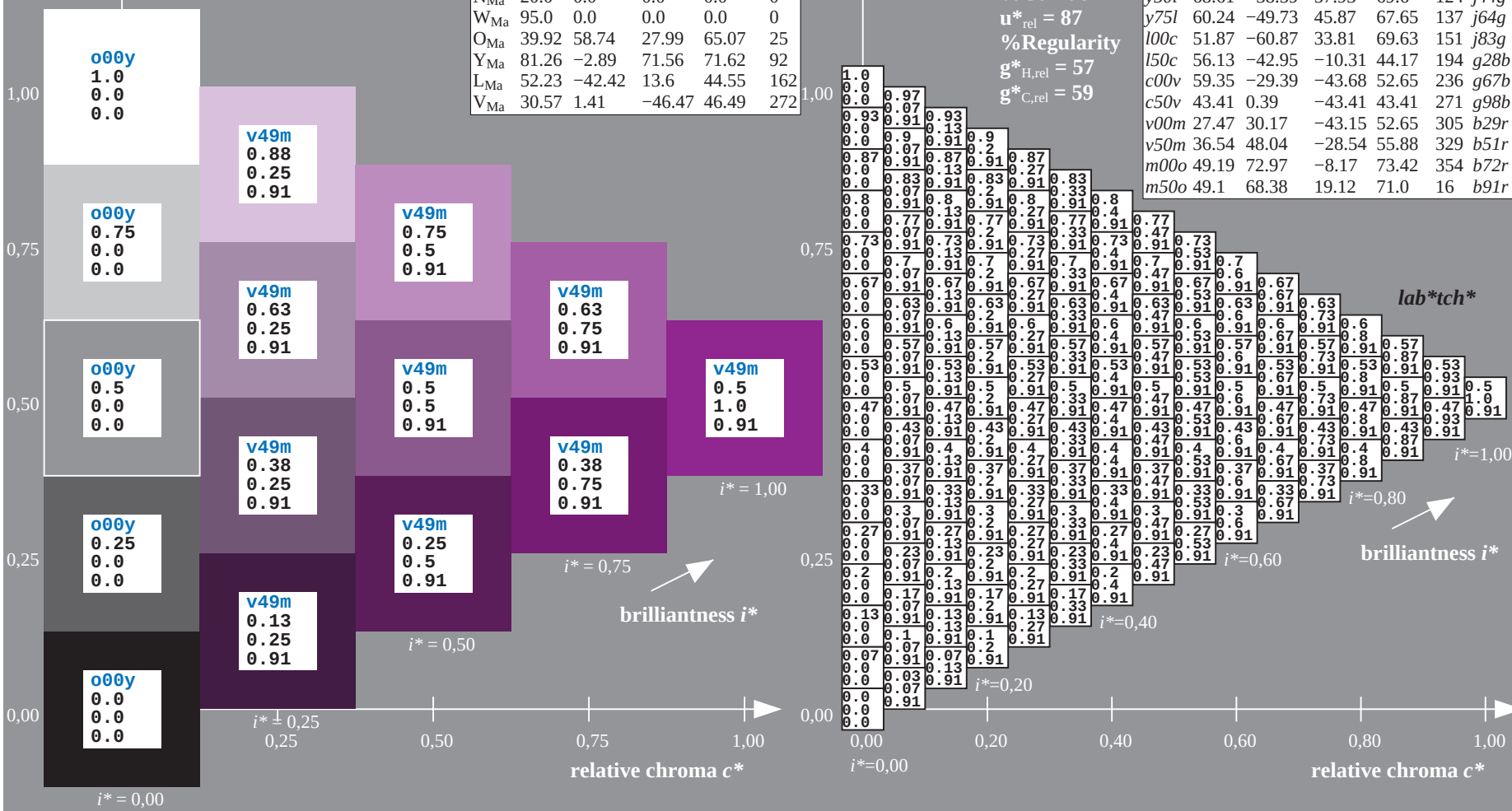
$g^*_{H,rel} = 57$

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

ORS18_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^*tch^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

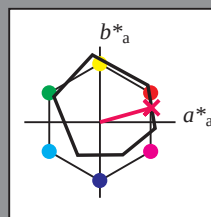
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*

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, 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*tch*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
01	0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94	1.0	1.06	1.13	1.19	1.25	1.31	1.38	1.44	1.5	1.56	1.63	1.69	1.75	1.81	1.88	1.94	2.0	2.06	2.13	2.19	2.25	2.31	2.38	2.44	2.5	2.56	2.63	2.69	2.75	2.81	2.88	2.94	3.0	3.06	3.13	3.19	3.25	3.31	3.38	3.44	3.5	3.56	3.63	3.69	3.75	3.81	3.88	3.94	4.0	4.06	4.13	4.19	4.25	4.31	4.38	4.44	4.5	4.56	4.63	4.69	4.75	4.81	4.88	4.94	5.0	5.06	5.13	5.19	5.25	5.31	5.38	5.44	5.5	5.56	5.63	5.69	5.75	5.81	5.88	5.94	6.0	6.06	6.13	6.19	6.25	6.31	6.38	6.44	6.5	6.56	6.63	6.69	6.75	6.81	6.88	6.94	7.0	7.06	7.13	7.19	7.25	7.31	7.38	7.44	7.5	7.56	7.63	7.69	7.75	7.81	7.88	7.94	8.0	8.06	8.13	8.19	8.25	8.31	8.38	8.44	8.5	8.56	8.63	8.69	8.75	8.81	8.88	8.94	9.0	9.06	9.13	9.19	9.25	9.31	9.38	9.44	9.5	9.56	9.63	9.69	9.75	9.81	9.88	9.94	10.0	10.06	10.13	10.19	10.25	10.31	10.38	10.44	10.5	10.56	10.63	10.69	10.75	10.81	10.88	10.94	11.0	11.06	11.13	11.19	11.25	11.31	11.38	11.44	11.5	11.56	11.63	11.69	11.75	11.81	11.88	11.94	12.0	12.06	12.13	12.19	12.25	12.31	12.38	12.44	12.5	12.56	12.63	12.69	12.75	12.81	12.88	12.94	13.0	13.06	13.13	13.19	13.25	13.31	13.38	13.44	13.5	13.56	13.63	13.69	13.75	13.81	13.88	13.94	14.0	14.06	14.13	14.19	14.25	14.31	14.38	14.44	14.5	14.56	14.63	14.69	14.75	14.81	14.88	14.94	15.0	15.06	15.13	15.19	15.25	15.31	15.38	15.44	15.5	15.56	15.63	15.69	15.75	15.81	15.88	15.94	16.0	16.06	16.13	16.19	16.25	16.31	16.38	16.44	16.5	16.56	16.63	16.69	16.75	16.81	16.88	16.94	17.0	17.06	17.13	17.19	17.25	17.31	17.38	17.44	17.5	17.56	17.63	17.69	17.75	17.81	17.88	17.94	18.0	18.06	18.13	18.19	18.25	18.31	18.38	18.44	18.5	18.56	18.63	18.69	18.75	18.81	18.88	18.94	19.0	19.06	19.13	19.19	19.25	19.31	19.38	19.44	19.5	19.56	19.63	19.69	19.75	19.81	19.88	19.94	20.0	20.06	20.13	20.19	20.25	20.31	20.38	20.44	20.5	20.56	20.63	20.69	20.75	20.81	20.88	20.94	21.0	21.06	21.13	21.19	21.25	21.31	21.38	21.44	21.5	21.56	21.63	21.69	21.75	21.81	21.88	21.94	22.0	22.06	22.13	22.19	22.25	22.31	22.38	22.44	22.5	22.56	22.63	22.69	22.75	22.81	22.88	22.94	23.0	23.06	23.13	23.19	23.25	23.31	23.38	23.44	23.5	23.56	23.63	23.69	23.75	23.81	23.88	23.94	24.0	24.06	24.13	24.19	24.25	24.31	24.38	24.44	24.5	24.56	24.63	24.69	24.75	24.81	24.88	24.94	25.0	25.06	25.13	25.19	25.25	25.31	25.38	25.44	25.5	25.56	25.63	25.69	25.75	25.81	25.88	25.94	26.0	26.06	26.13	26.19	26.25	26.31	26.38	26.44	26.5	26.56	26.63	26.69	26.75	26.81	26.88	26.94	27.0	27.06	27.13	27.19	27.25	27.31	27.38	27.44	27.5	27.56	27.63	27.69	27.75	27.81	27.88	27.94	28.0	28.06	28.13	28.19	28.25	28.31	28.38	28.44	28.5	28.56	28.63	28.69	28.75	28.81	28.88	28.94	29.0	29.06	29.13	29.19	29.25	29.31	29.38	29.44	29.5	29.56	29.63	29.69	29.75	29.81	29.88	29.94	30.0	30.06	30.13	30.19	30.25	30.31	30.38	30.44	30.5	30.56	30.63	30.69	30.75	30.81	30.88	30.94	31.0	31.06	31.13	31.19	31.25	31.31	31.38	31.44	31.5	31.56	31.63	31.69	31.75	31.81	31.88	31.94	32.0	32.06	32.13	32.19	32.25	32.31	32.38	32.44	32.5	32.56	32.63	32.69	32.75	32.81	32.88	32.94	33.0	33.06	33.13	33.19	33.25	33.31	33.38	33.44	33.5	33.56	33.63	33.69	33.75	33.81	33.88	33.94	34.0	34.06	34.13	34.19	34.25	34.31	34.38	34.44	34.5	34.56	34.63	34.69	34.75	34.81	34.88	34.94	35.0	35.06	35.13	35.19	35.25	35.31	35.38	35.44	35.5	35.56	35.63	35.69	35.75	35.81	35.88	35.94	36.0	36.06	36.13	36.19	36.25	36.31	36.38	36.44	36.5	36.56	36.63	36.69	36.75	36.81	36.88	36.94	37.0	37.06	37.13	37.19	37.25	37.31	37.38	37.44	37.5	37.56	37.63	37.69	37.75	37.81	37.88	37.94	38.0	38.06	38.13	38.19	38.25	38.31	38.38	38.44	38.5	38.56	38.63	38.69	38.75	38.81	38.88	38.94	39.0	39.06	39.13	39.19	39.25	39.31	39.38	39.44	39.5	39.56	39.63	39.69	39.75	39.81	39.88	39.94	40.0	40.06	40.13	40.19	40.25	40.31	40.38	40.44	40.5	40.56	40.63	40.69	40.75	40.81	40.88	40.94	41.0	41.06	41.13	41.19	41.25	41.31	41.38	41.44	41.5	41.56	41.63	41.69	41.75	41.81	41.88	41.94	42.0	42.06	42.13	42.19	42.25	42.31	42.38	42.44	42.5	42.56	42.63	42.69	42.75	42.81	42.88	42.94	43.0	43.06	43.13	43.19	43.25	43.31	43.38	43.44	43.5	43.56	43.63	43.69	43.75	43.81	43.88	43.94	44.0	44.06	44.13	44.19	44.25	44.31	44.38	44.44	44.5	44.56	44.63	44.69	44.75	44.81	44.88	44.94	45.0	45.06	45.13	45.19	45.25	45.31	45.38	45.44	45.5	45.56	45.63	45.69	45.75	45.81	45.88	45.94	46.0	46.06	46.13	46.19	46.25	46.31	46.38	46.44	46.5	46.56	46.63	46.69	46.75	46.81	46.88	46.94	47.0	47.06	47.13	47.19	47.25	47.31	47.38	47.44	47.5	47.56	47.63	47.69	47.75	47.81	47.88	47.94	48.0	48.06	48.13	48.19	48.25	48.31	48.38	48.44	48.5	48.56	48.63	48.69	48.75	48.81	48.88	48.94	49.0	49.06	49.13	49.19	49.25	49.31	49.38	49.44	49.5	49.56	49.63	49.69	49.75	49.81	49.88	49.94	50.0	50.06	50.13	50.19	50.25	50.31	50.38	50.44	50.5	50.56	50.63	50.69	50.75	50.81	50.88	50.94	51.0	51.06	51.13	51.19	51.25	51.31	51.38	51.44	51.5	51.56	51.63	51.69	51.75	51.81	51.88	51.94	52.0	52.06	52.13	52.19	52.25	52.31	52.38	52.44	52.5	52.56	52.63	52.69	52.75	52.81	52.88	52.94	53.0	53.06	53.13	53.19	53.25	53.31	53.38	53.44	53.5	53.56	53.63	53.69	53.75	53.81	53.88	53.94	54.0	54.06	54.13	54.19	54.25	54.31	54.38	54.44	54.5	54.56	54.63	54.69	54.75	54.81	54.88	54.94	55.0	55.06	55.13	55.19	55.25	55.31	55.38	55.44	55.5	55.56	55.63	55.69	55.75	55.81	55.88	55.94	56.0	56.06	56.13	56.19	56.25	56.31	56.38	56.44	56.5	56.56	56.63	56.69	56.75	56.81	56.88	56.94	57.0	57.06	57.13	57.19	57.25	57.31	57.38	57.44	57.5	57.56	57.63	57.69	57.75	57.81	57.88	57.94	58.0	58.06	58.13	58.19	58.25	58.31	58.38	58.44	58.5	58.56	58.63	58.69	58.75	58.81	58.88	58.94	59.0	59.06	59.13	59.19	59.25	59.31	59.38	59.44	59.5	59.56	59.63	59.69	59.75	59.81	59.88	59.94	60.0	60.06	60.13	60.19	60.25	60.31	60.38	60.44	60.5	60.56	60.63	60.69	60.75	60.81	60.88	60.94	61.0	61.06	61.13	61.19	61.25	61.31	61.38	61.44	61.5	61.56	61.63	61.69	61.75	61.81	61.88	61.94	62.0	62.06	62.13	62.19	62.25	62.31	62.38	62.44	62.5	62.56	62.63	62.69	62.75	62.81	62.88	62.94	63.0	63.06	63.13	63.19	63.25	63.31	63.38	63.44	63.5	63.56	63.63	63.69	63.75	63.81	63.88	63.94	64.0	64.06	64.13	64.19	64.25	64.31	64.38	64.44	64.5	64.56	64.63	64.69	64.75	64.81	64.88	64.94	65.0	65.06	65.13	65.19	65.25	65.31	65.38	65.44	65.5	65.56	65.63	65.69	65.75	65.81	65.88	65.94	66.0	66.06	66.13	66.19	66.25	66.31	66.38	66.44	66.5	66.56	66.63	66.69	66.75	66.81	66.88	66.94	67.0	67.06	67.13	67.19	67.25	67.31	67.38	67.44	67.5	67.56	67.63	67.69	67.75	67.81	67.88	67.94	68.0	68.06	68.13	68.19	68.25	68.31	68.38	68.44	68.5	68.56	68.63	68.69	68.75	68.81	68.88	68.94	69.0	69.06	69.13	69.19	69.25	69.31	69.38	69.44	69.5	69.56	69.63	69.69	69.75	69.81	69.88	69.94	70.0	70.06	70.13	70.19	70.25	70.31	70.38	70.44	70.5	70.56	70.63	70.69	70.75	70.81	70.88	70.94	71.0	71.06	71.13	71.19	71.25	71.31	71.38	71.44	71.5	71.56	71.63	71.69	71.75	71.81	71.88	71.94	72.0	72.06	72.13	72.19	72.25	72.31	72.38	72.44	72.5	72.56	72.63	72.69	72.75	72.81	72.88	72.94	73.0	73.06	73.13	73.19	73.25	73.31	73.38	73.44	73.5	73.56	73.63	73.69	73.75	73.81	73.88	73.94	74.0	74.06	74.13	74.19	74.25	74.31	74.38	74.44	74.5	74.56	74.63	74.69	74.75	74.81	74.88	74.94	75.0	75.06	75.13	75.19	75.25	75.31	75.38	75.44	75.5	75.56	75.63	75.69	75.75	75.81	75.88	75.94	76.0	76.06	76.13	76.19	76.25	76.31

Input and output:

Colorimetric Printer Reflective System ORS18_95aM
data for any colour:

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

device hue text:

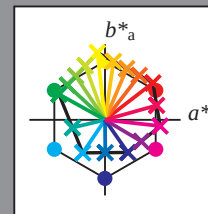
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.97$

ORS18_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

$u^*_{rel} = 87$

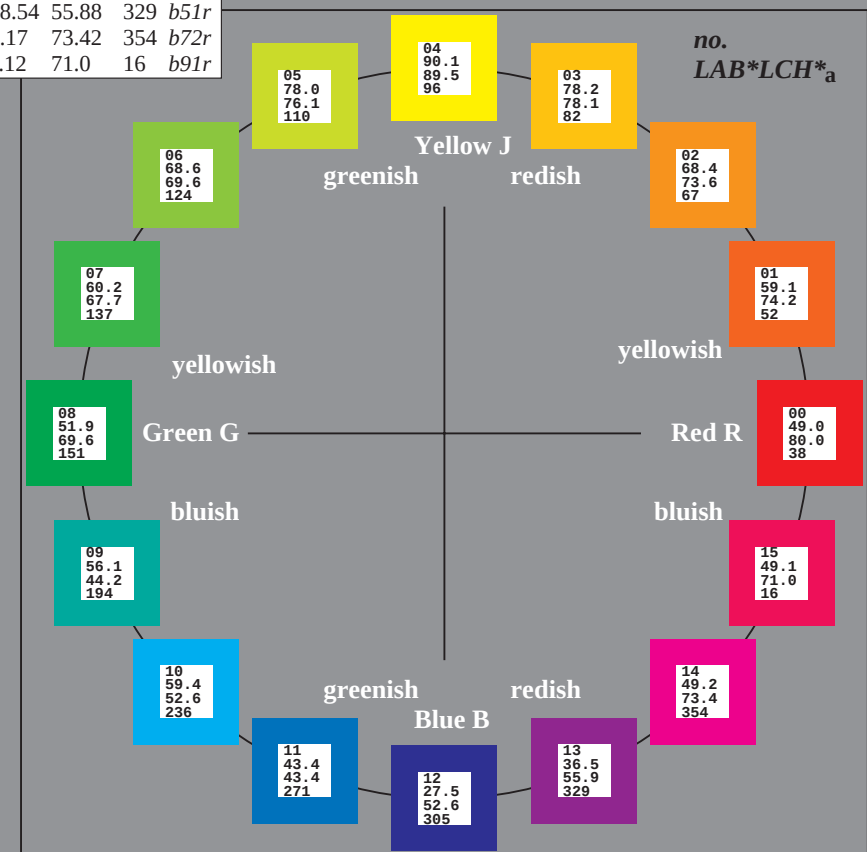
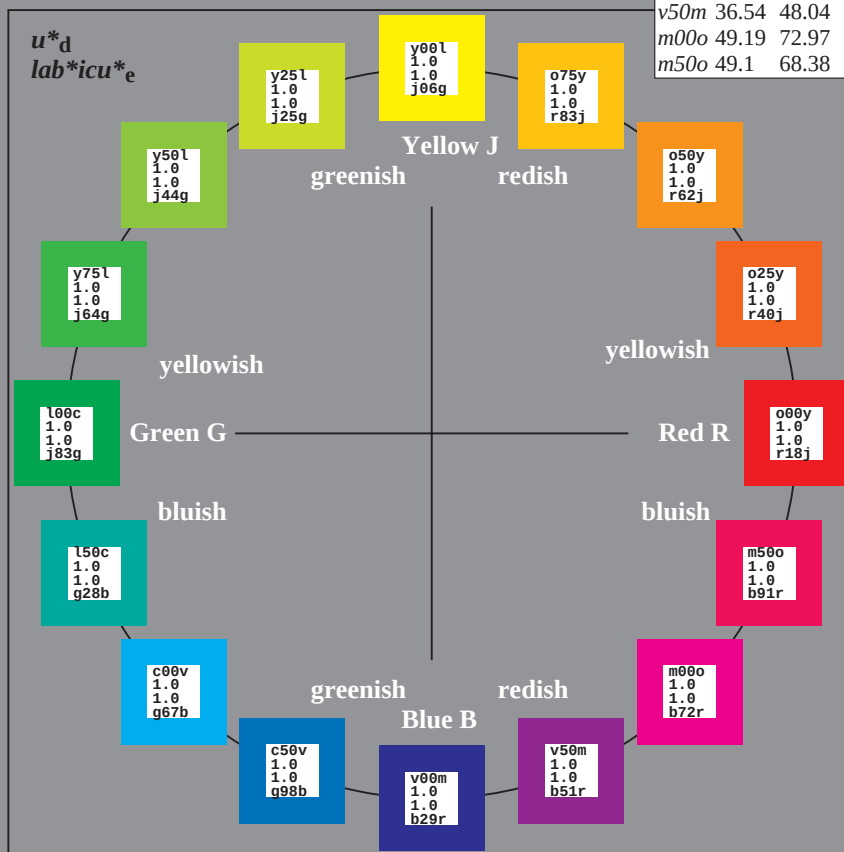
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

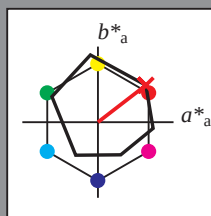
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$

data for any colour:

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

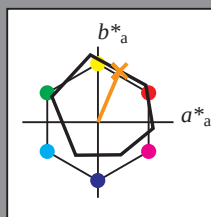
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

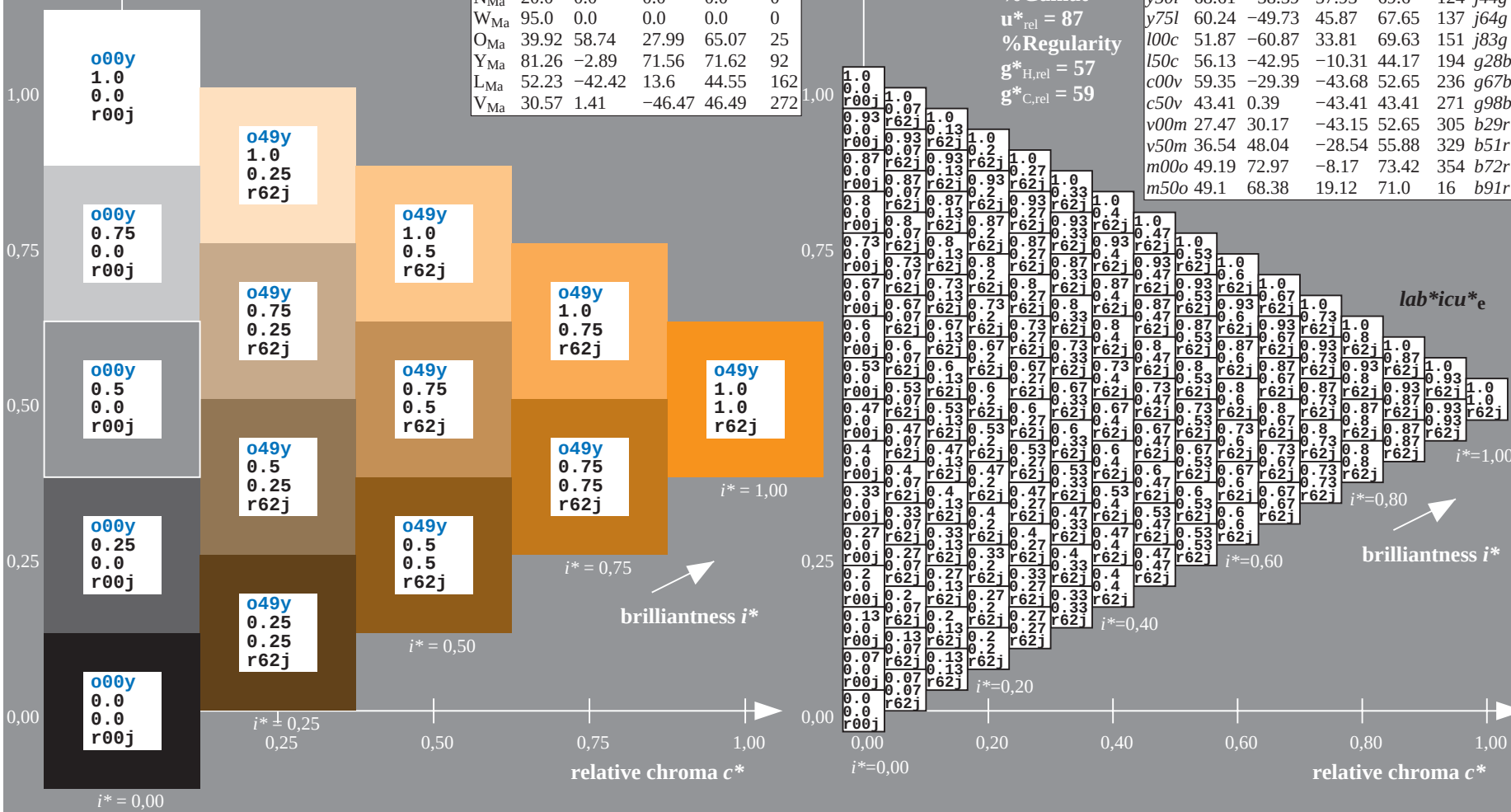
$g^*_{H,rel} = 57$

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

ORS18_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

$u^*_d = o50y$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$

data for any colour:

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

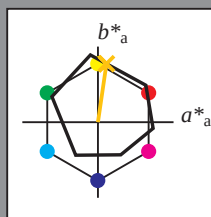
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

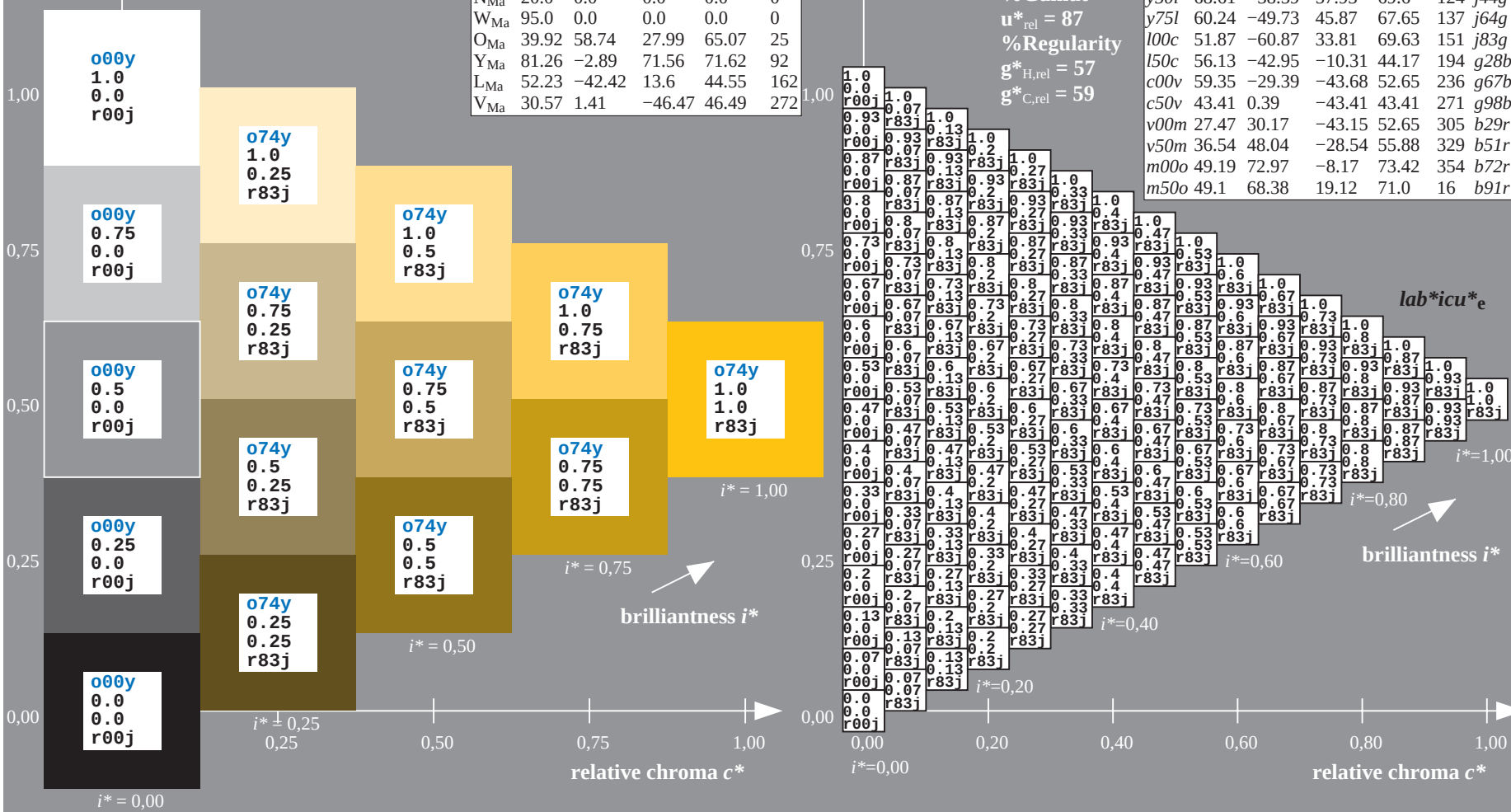
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

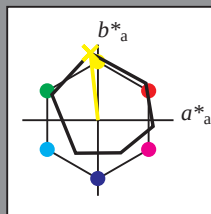
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

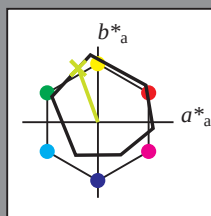
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

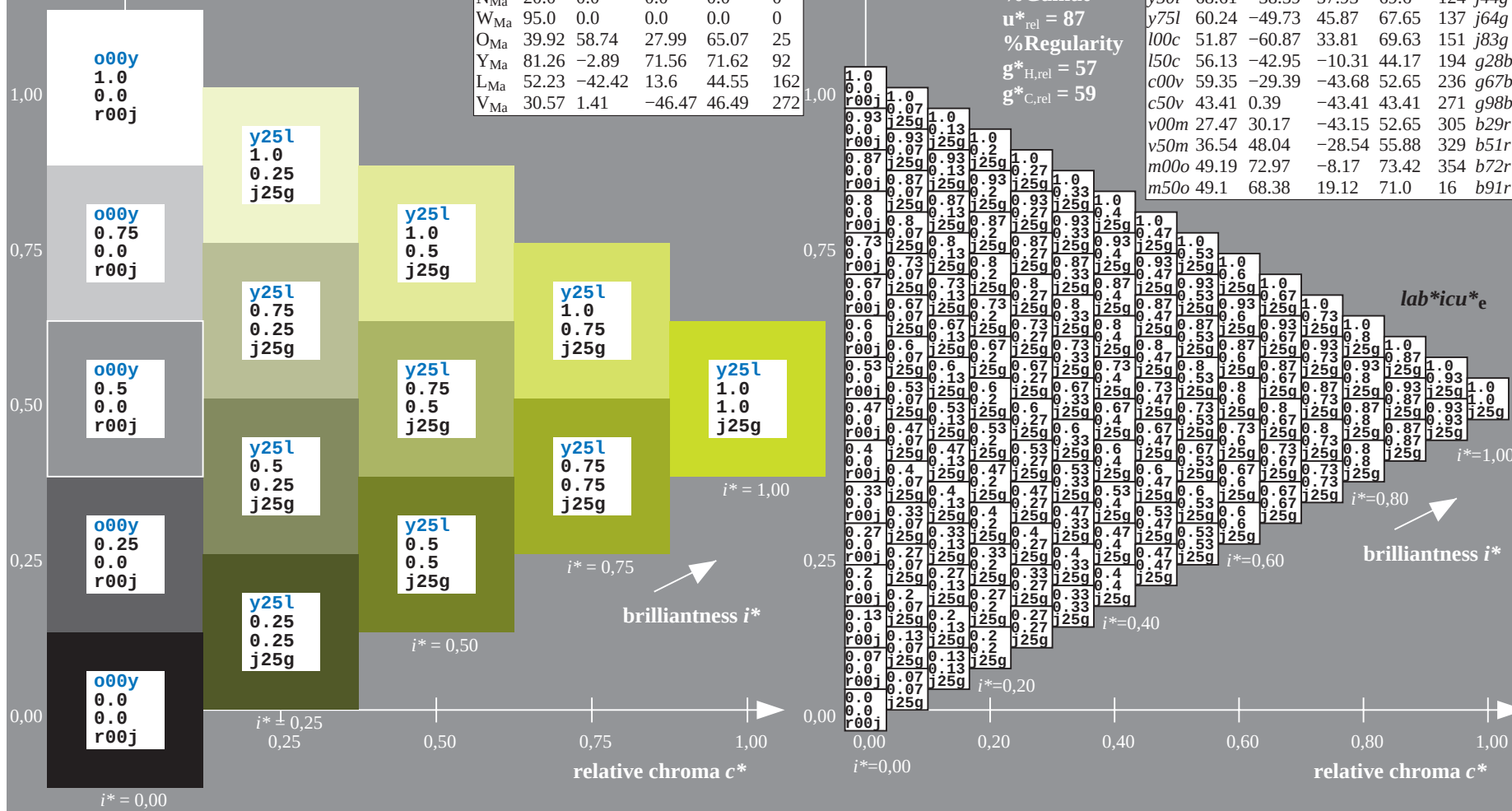
$g^*_{H,rel} = 57$

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

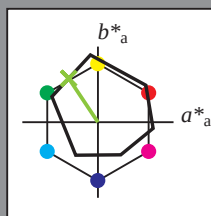
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

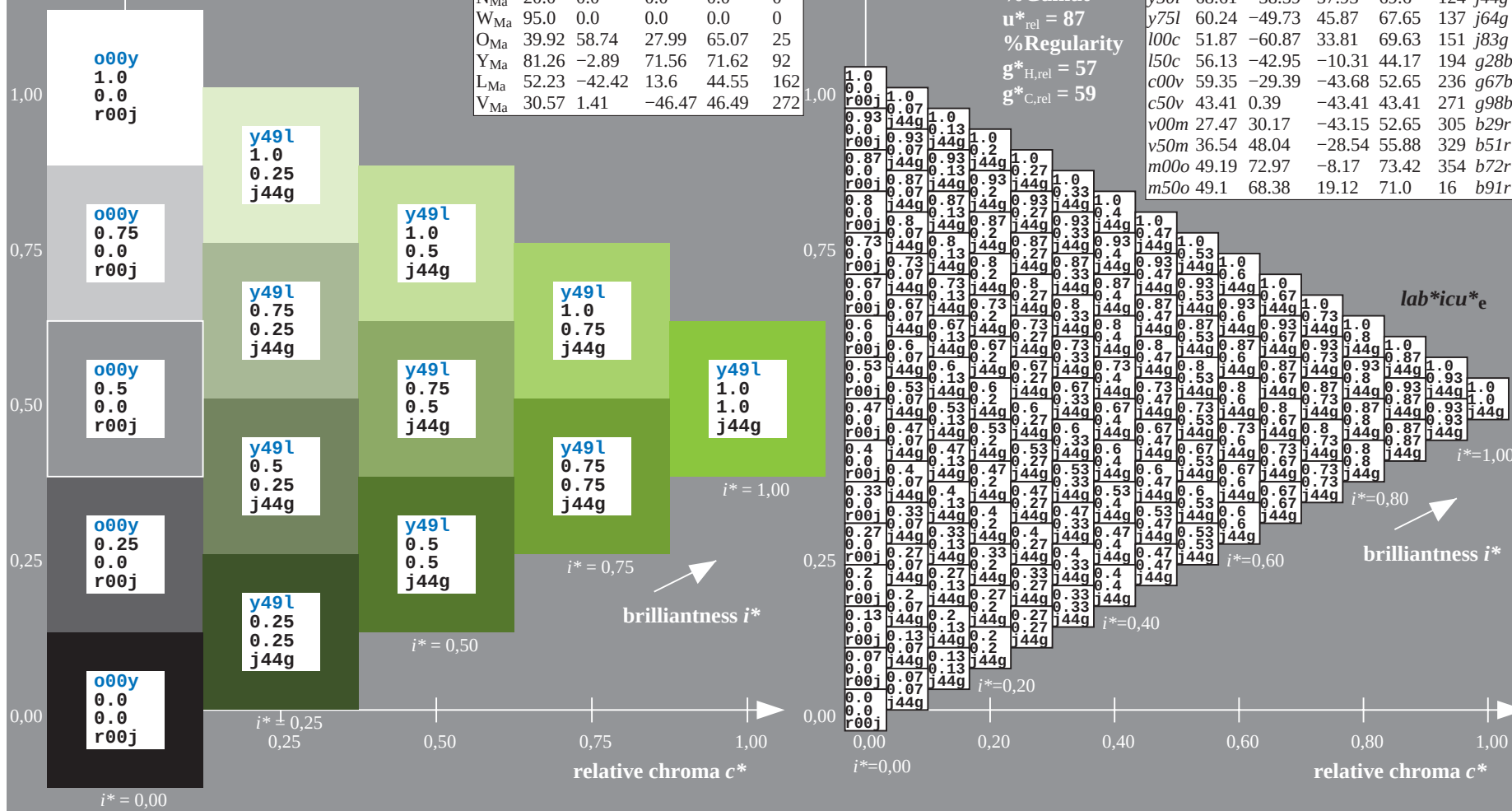
$g^*_{H,rel} = 57$

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

$u^*_d = y50l$
 $lab^*icu^*_e$

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:

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

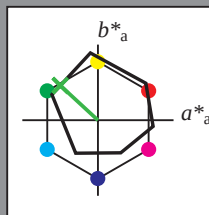
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

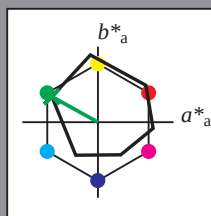
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

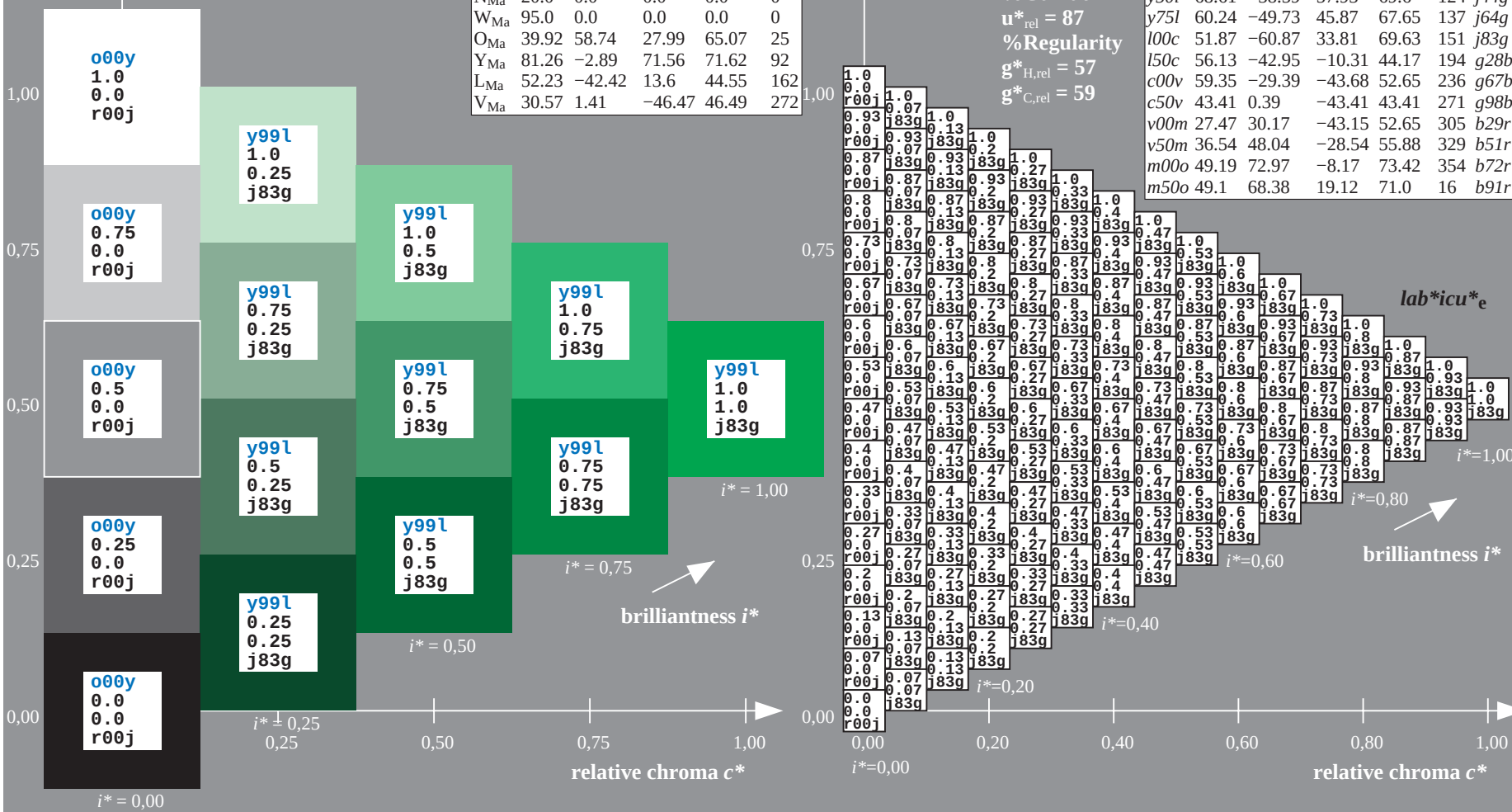
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

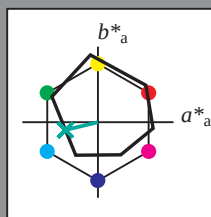
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	r18j
o25y	59.11	45.34	58.73	74.2	52	r40j
o50y	68.41	28.75	67.79	73.63	67	r62j
o75y	78.21	11.28	77.33	78.15	82	r83j
y00l	90.12	-9.95	88.92	89.48	96	j06g
y25l	78.02	-26.06	71.49	76.09	110	j25g
y50l	68.61	-38.59	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 ORS18_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^*



ORS18_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

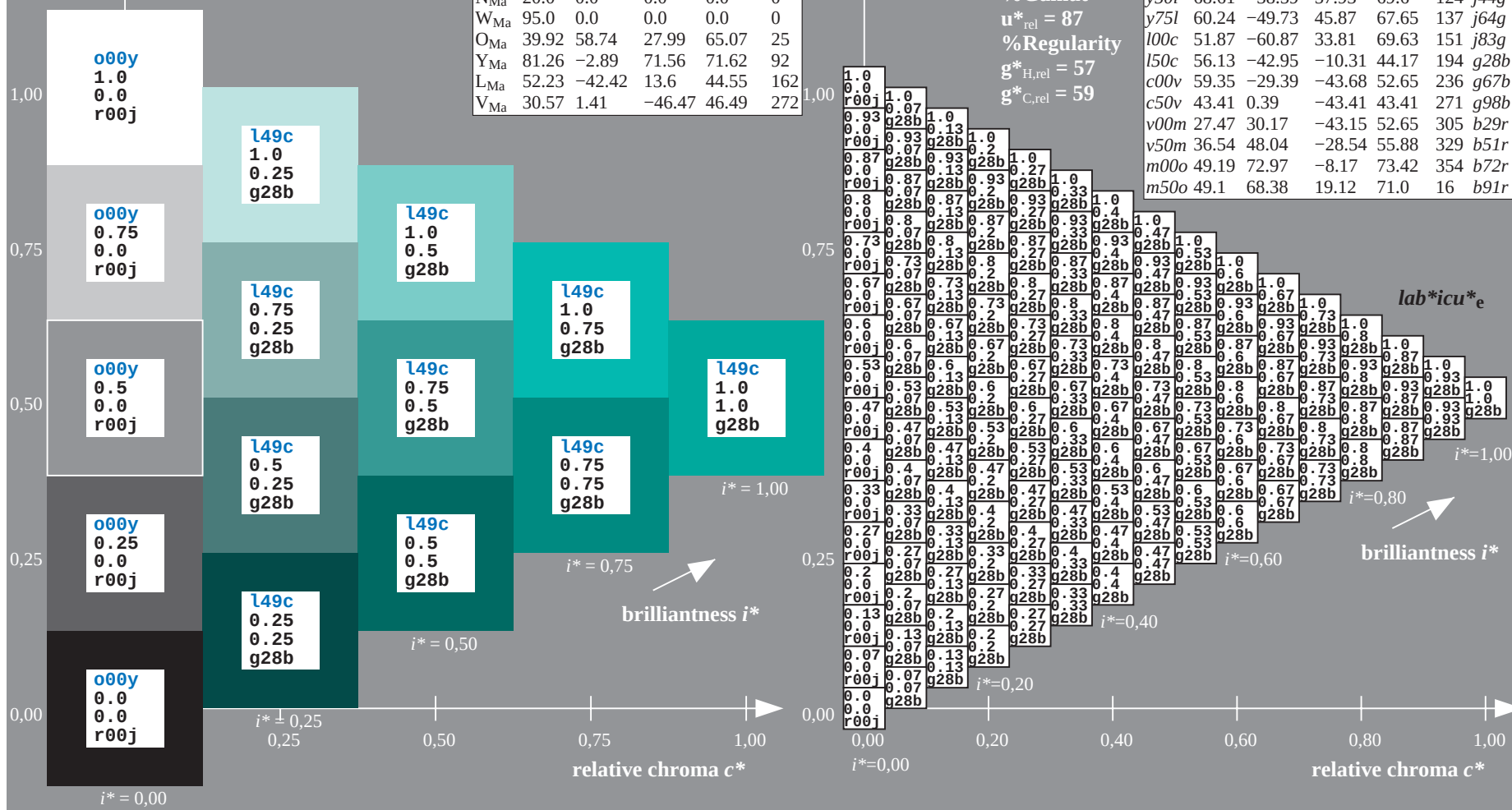
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

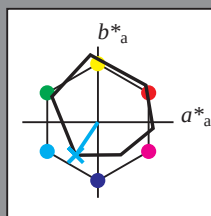
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

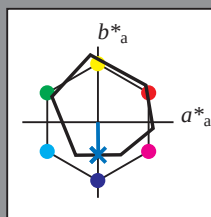
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS18_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^*



ORS18_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

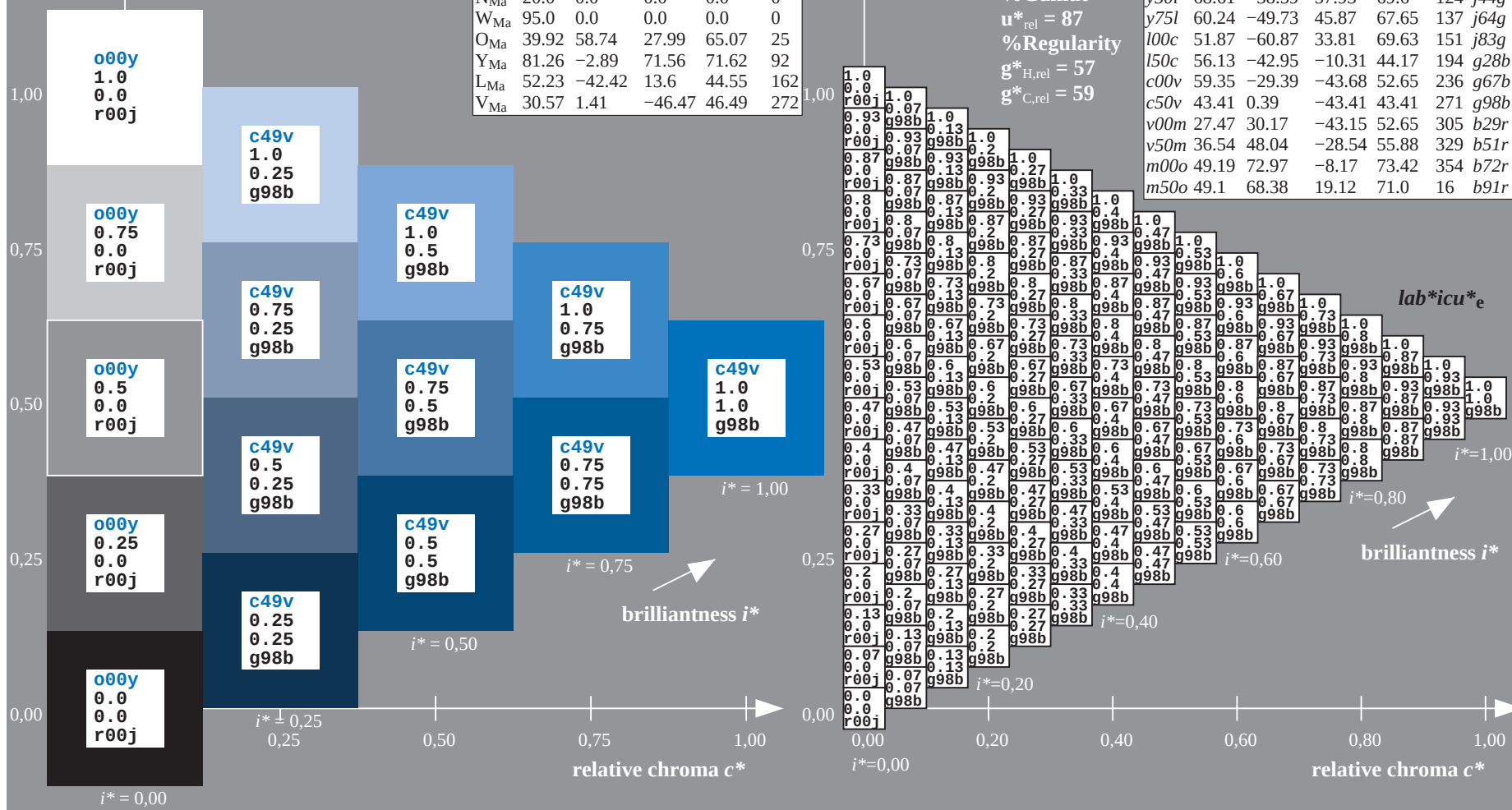
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$

data for any colour:

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

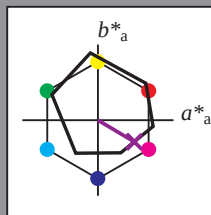
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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

$u^*_d = v50m$
 $lab^*icu^*_e$

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}^*/360 = 0.982$

data for any colour:

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

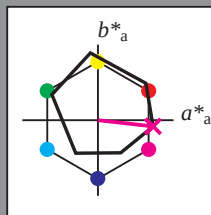
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

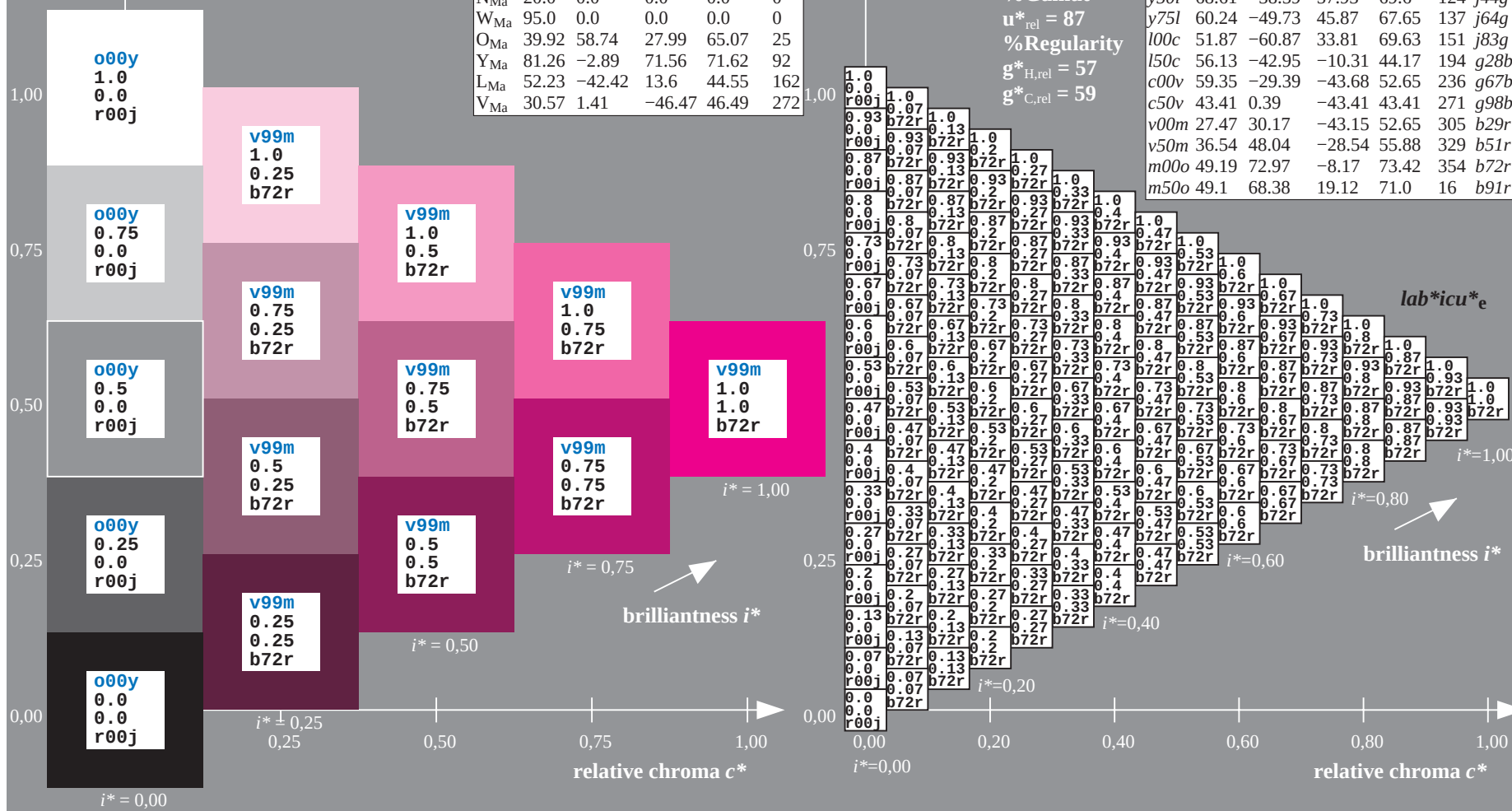
$g^*_{H,rel} = 57$

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

ORS18_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

$u^*_d = m00o$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

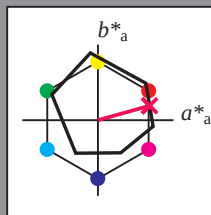
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

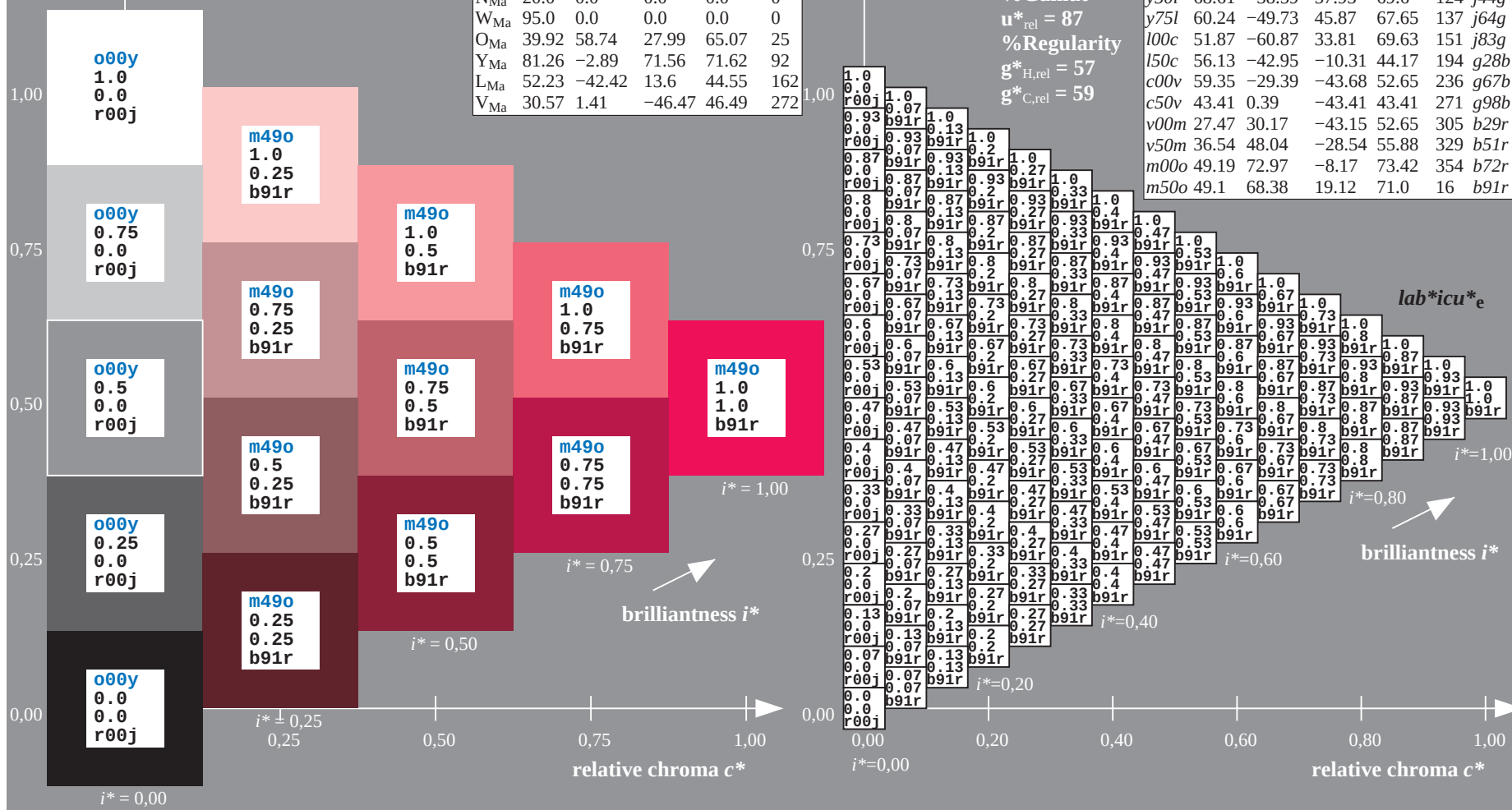
$g^*_{H,rel} = 57$

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

ORS18_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

$u^*_d = m50o$
 $lab^*icu^*_e$



See for similar files: <http://www.ps.bam.de/Ee65/>; www.ps.bam.de
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, 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	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.0	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	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.13	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	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.13	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	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.13	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	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.25	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	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.25	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	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.25	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	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.63	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	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.63	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	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.63	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	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.75	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	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.75	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	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.75	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	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.88	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	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.88	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	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.88	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	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.88	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	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9											

BAM registration: 20081001-Ee65/10L/L65E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

Input and output:

Colorimetric Printer Reflective System ORS18_95aM
data for any colour:

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

device hue text:

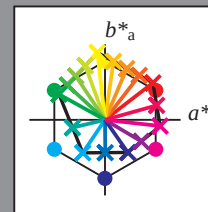
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 0.97$

ORS18_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

$u^*_{rel} = 87$

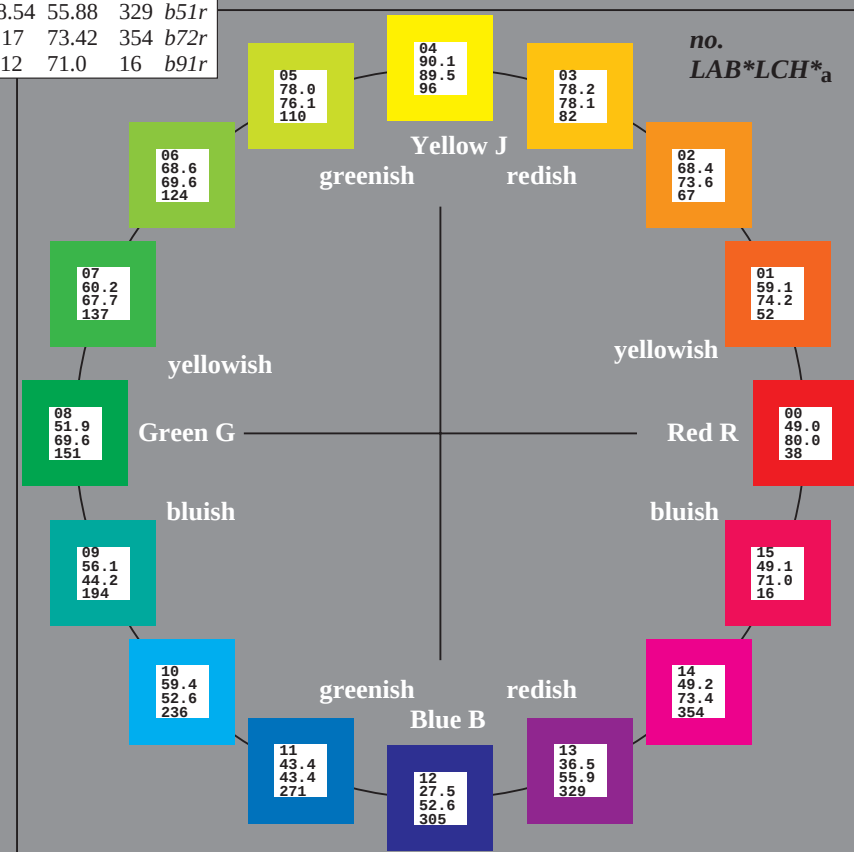
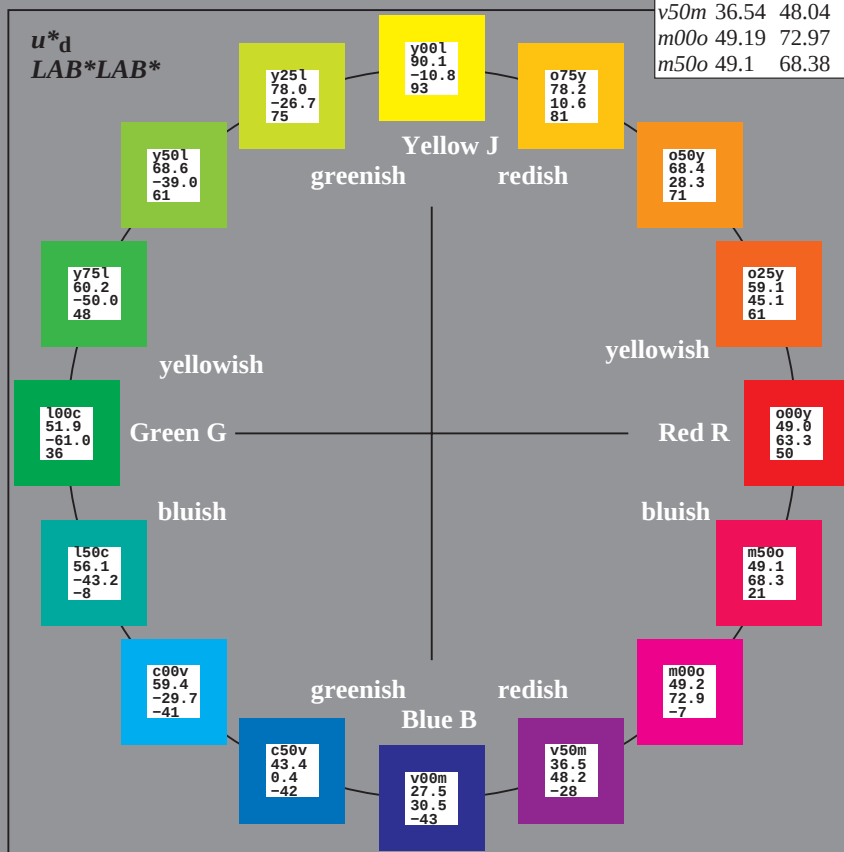
%Regularity

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

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

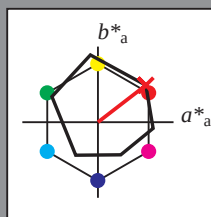
ORS18_95M; CIELAB data

Name	$L^*=L^*$	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_{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 ORS18_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^*



ORS18_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

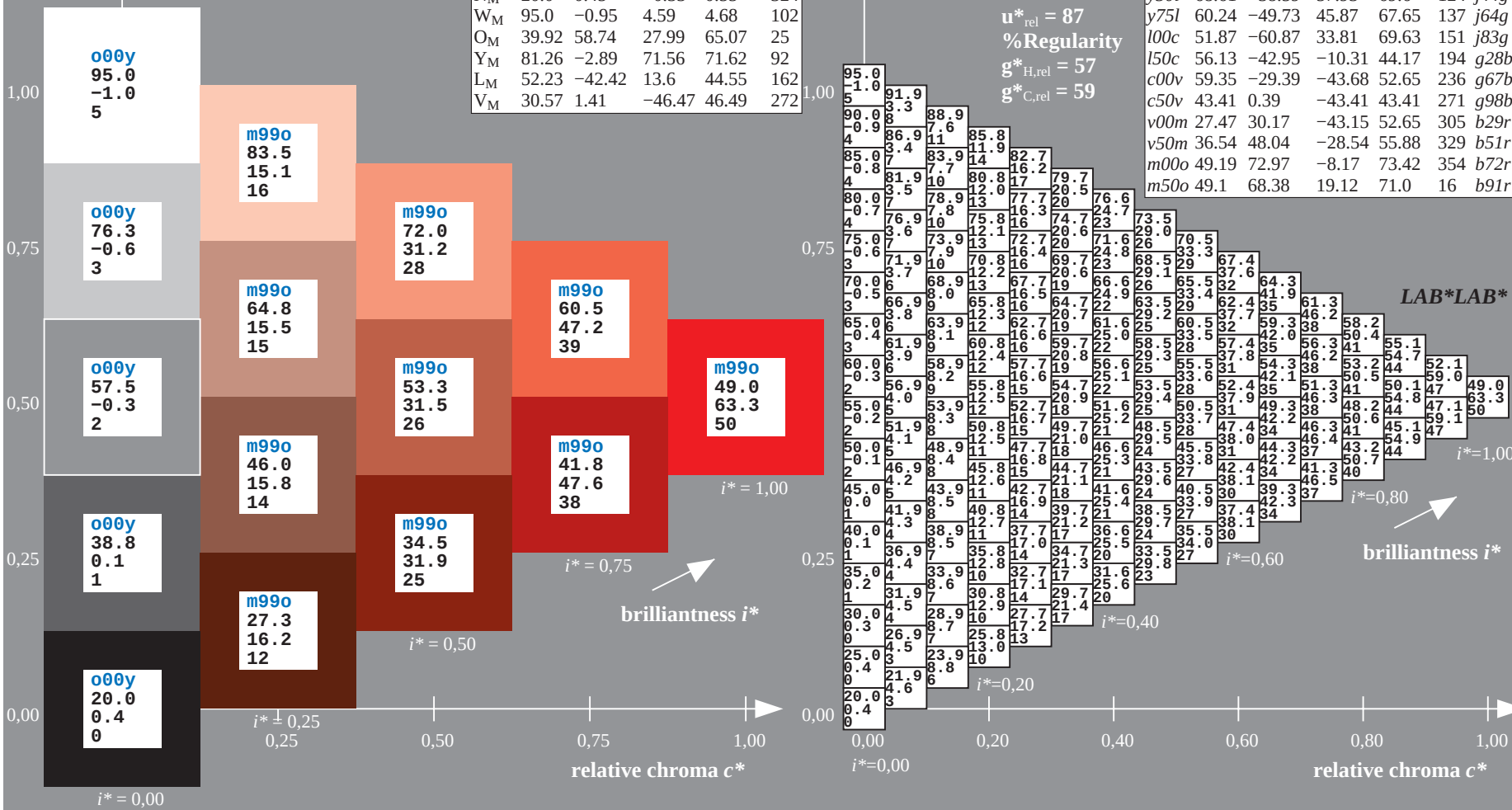
$u^*_{rel} = 87$

%Regularity

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

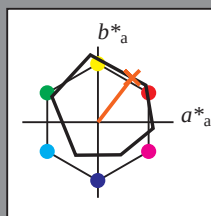
$g^*_{C,rel} = 59$

ORS18_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 ORS18_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^*



ORS18_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

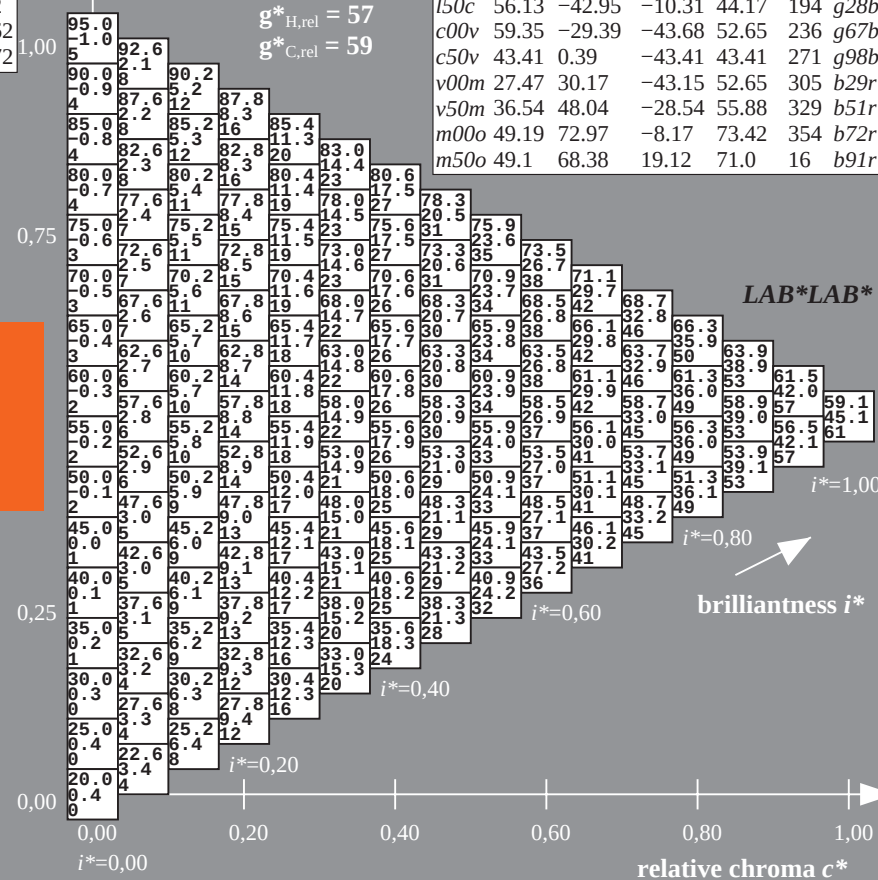
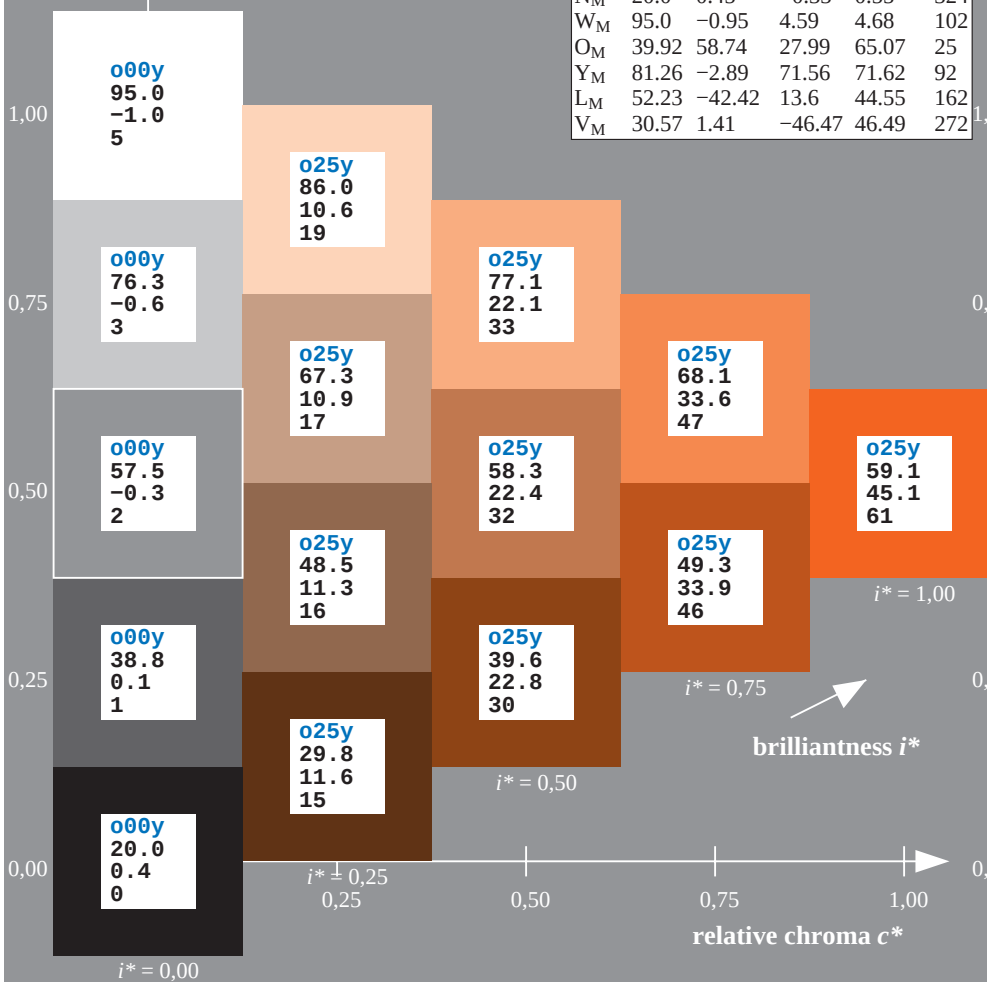
$u^*_{rel} = 87$

%Regularity

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

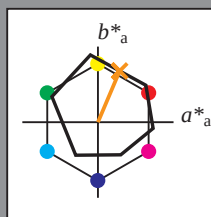
$g^*_{C,rel} = 59$

ORS18_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 ORS18_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^*



ORS18_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 : 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

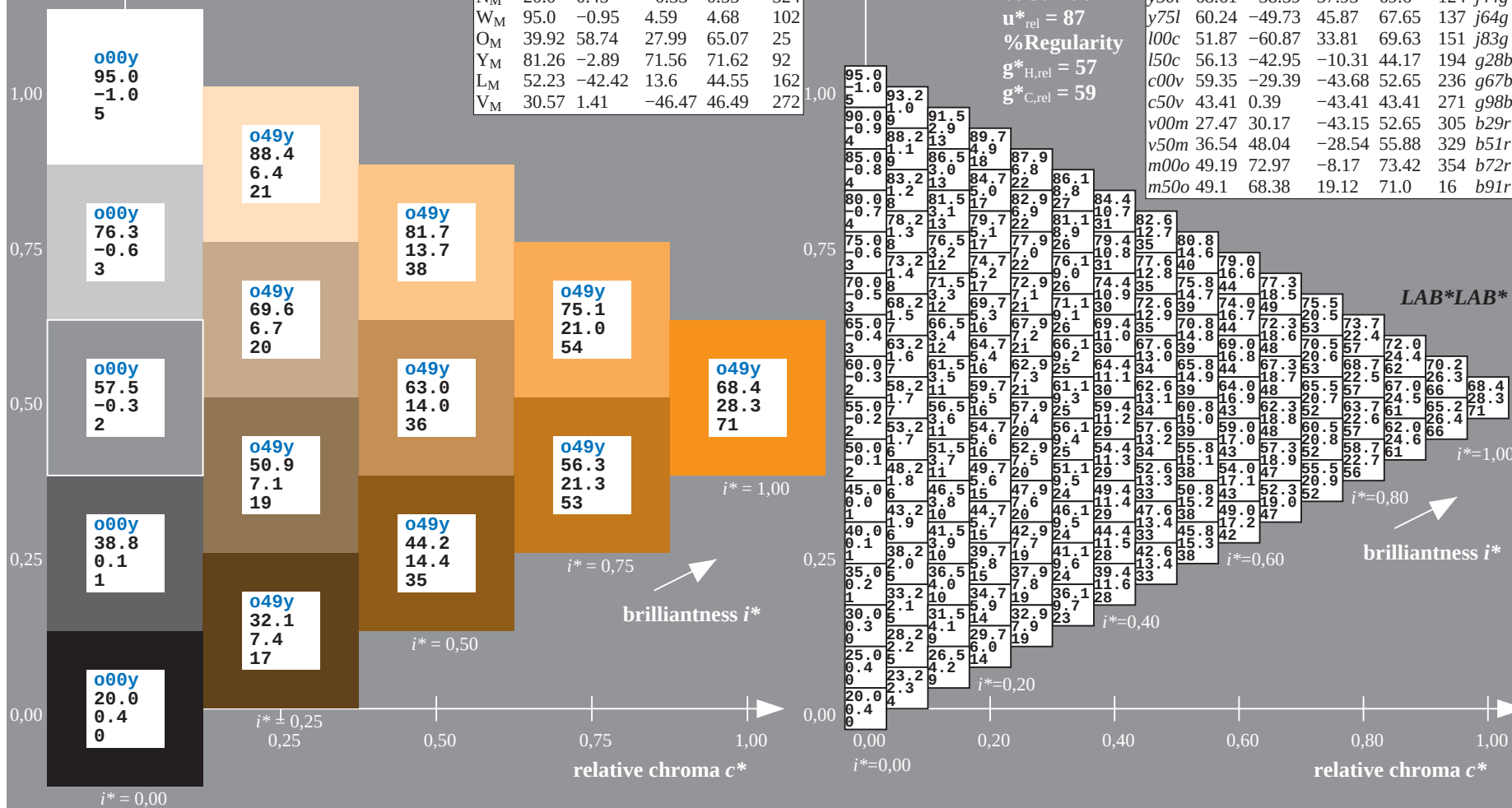
$u^*_{rel} = 87$

%Regularity

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

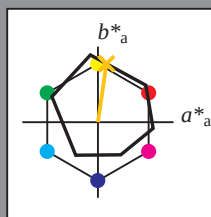
$g^*_{C,rel} = 59$

ORS18_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 ORS18_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^*



ORS18_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

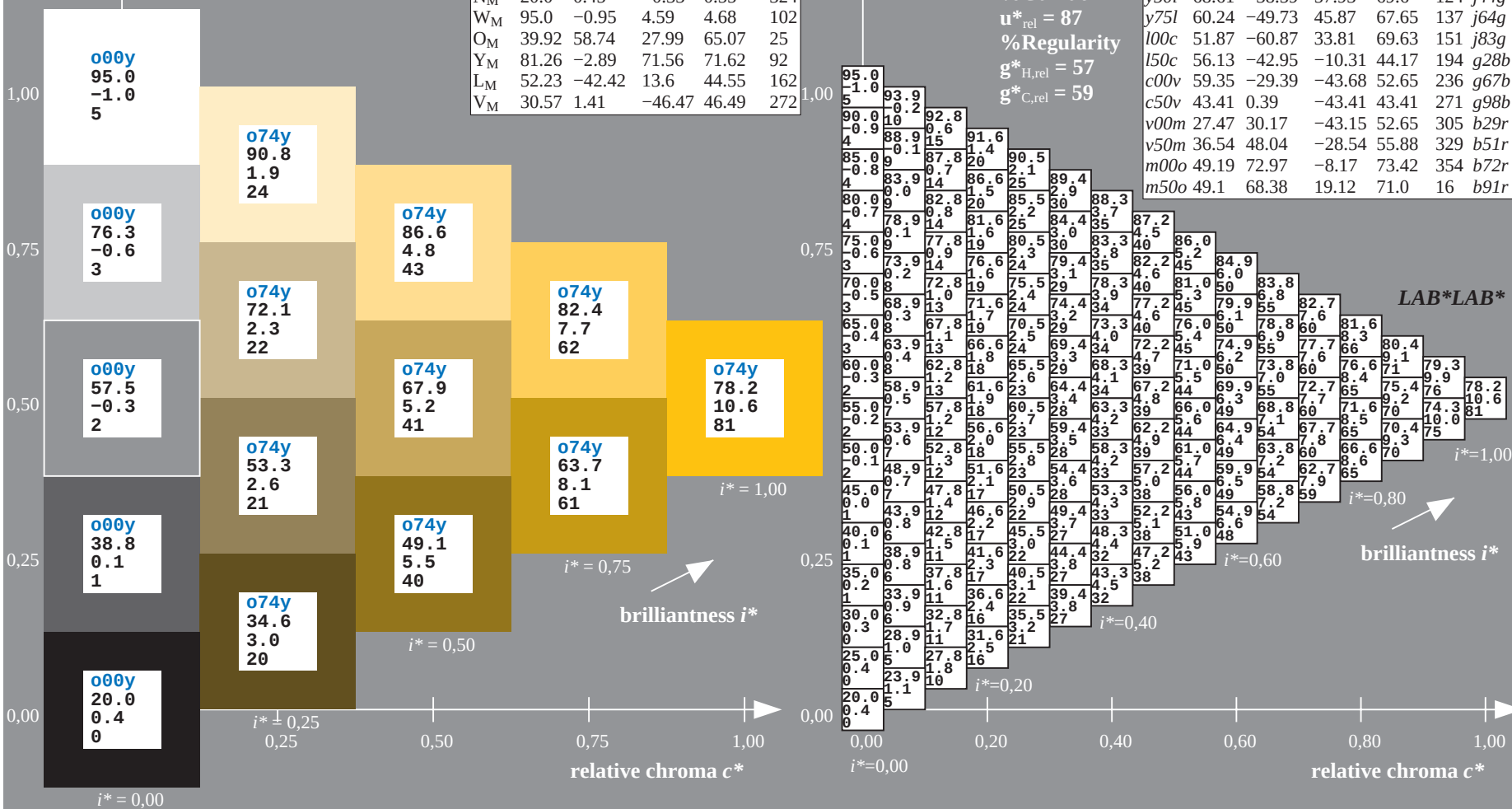
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

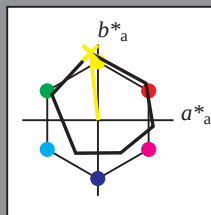
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

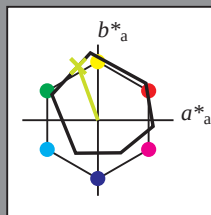
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

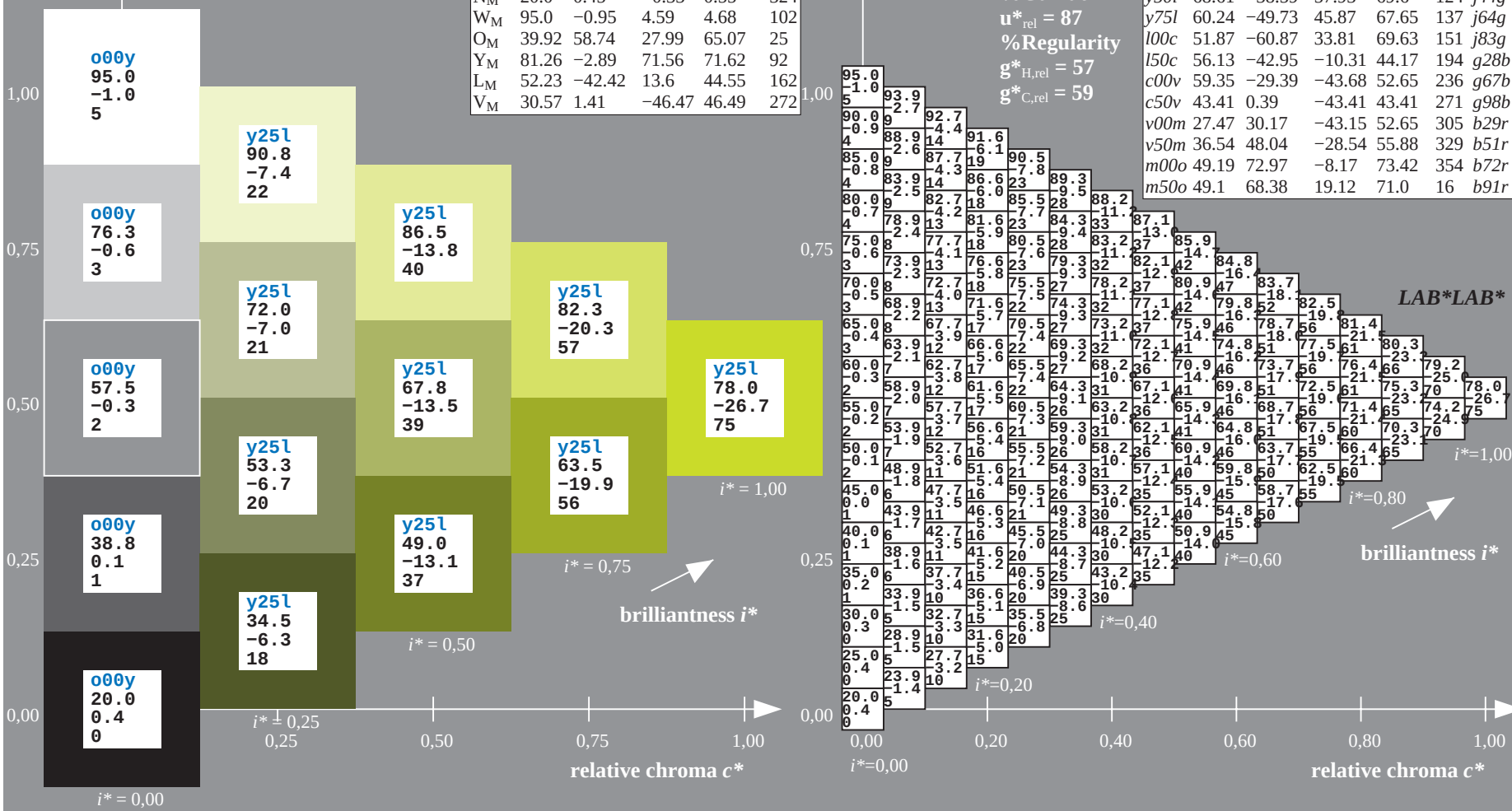
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

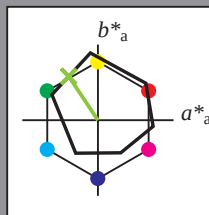
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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 : 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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:

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

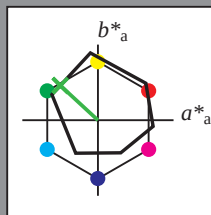
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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):

$LAB^*LAB^*_Ma$: 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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

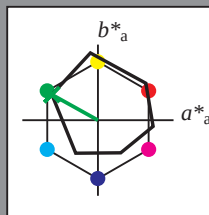
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$

data for any colour:

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

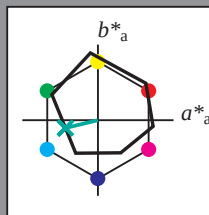
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

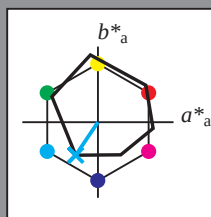
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

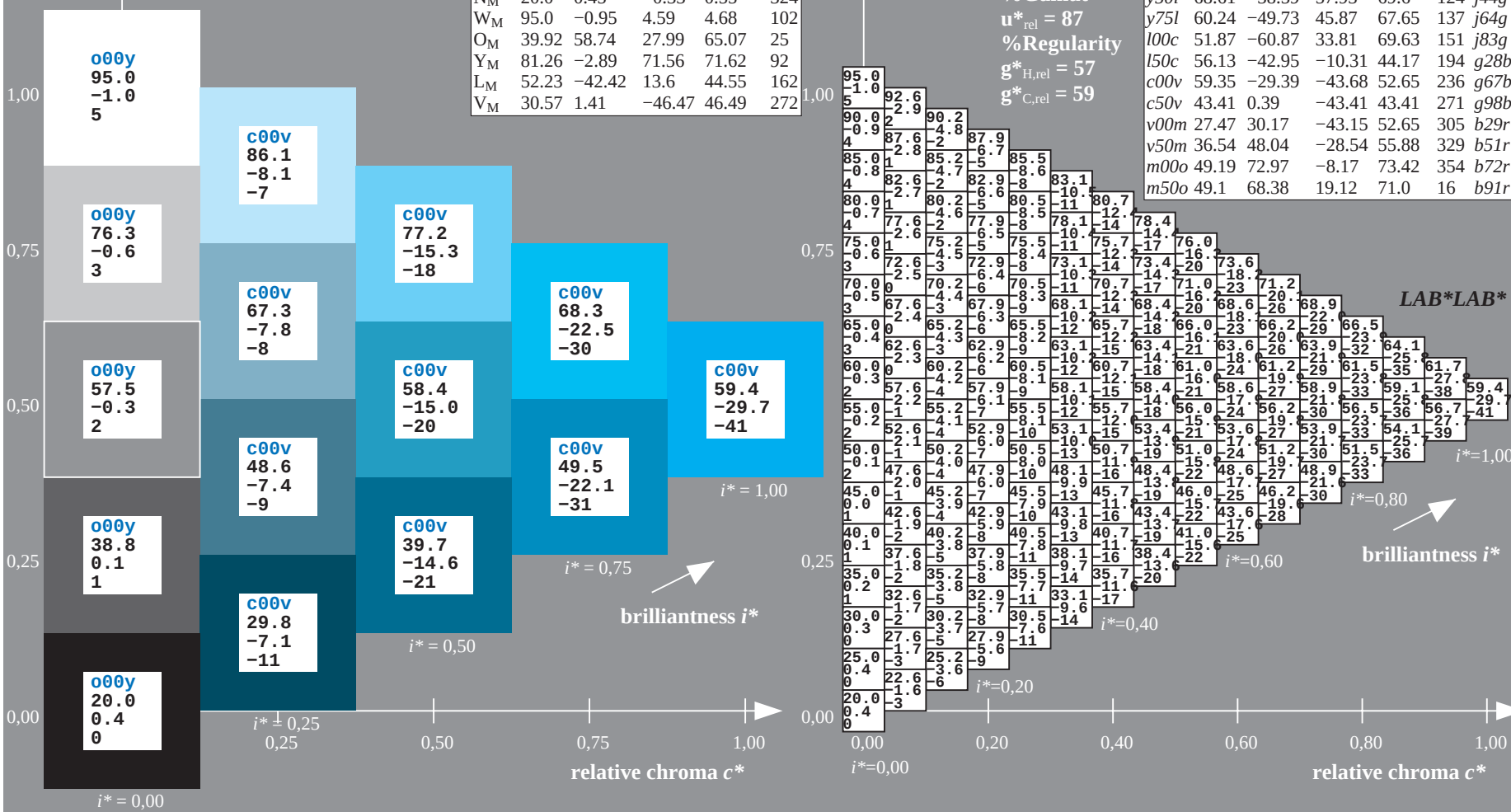
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

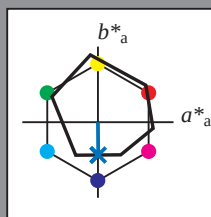
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$

data for any colour:

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

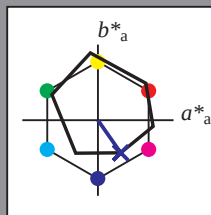
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

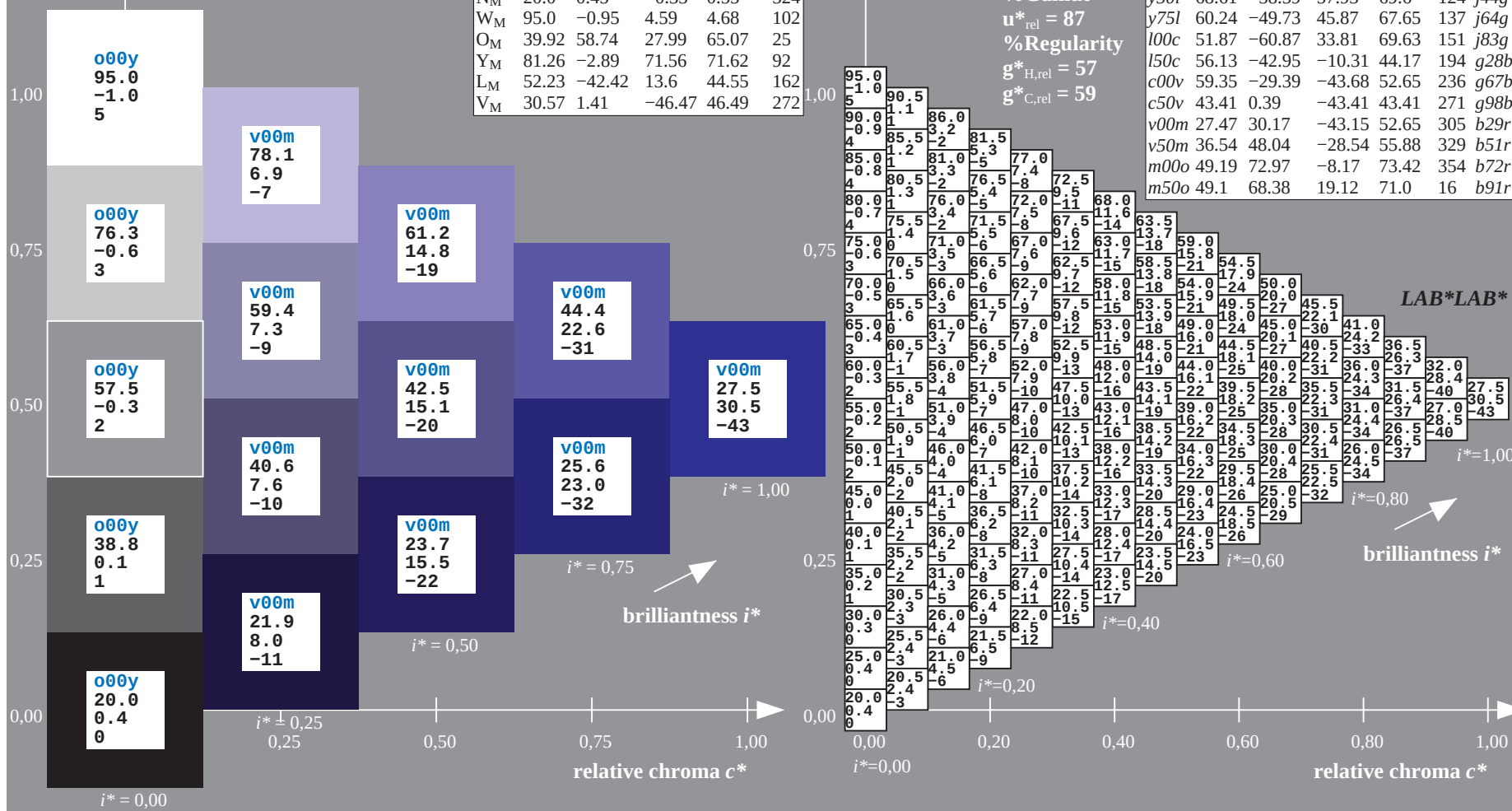
$g^*_{H,rel} = 57$

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

ORS18_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^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.915$

data for any colour:

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

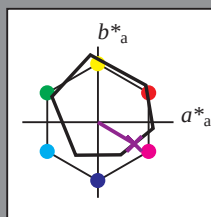
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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):

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

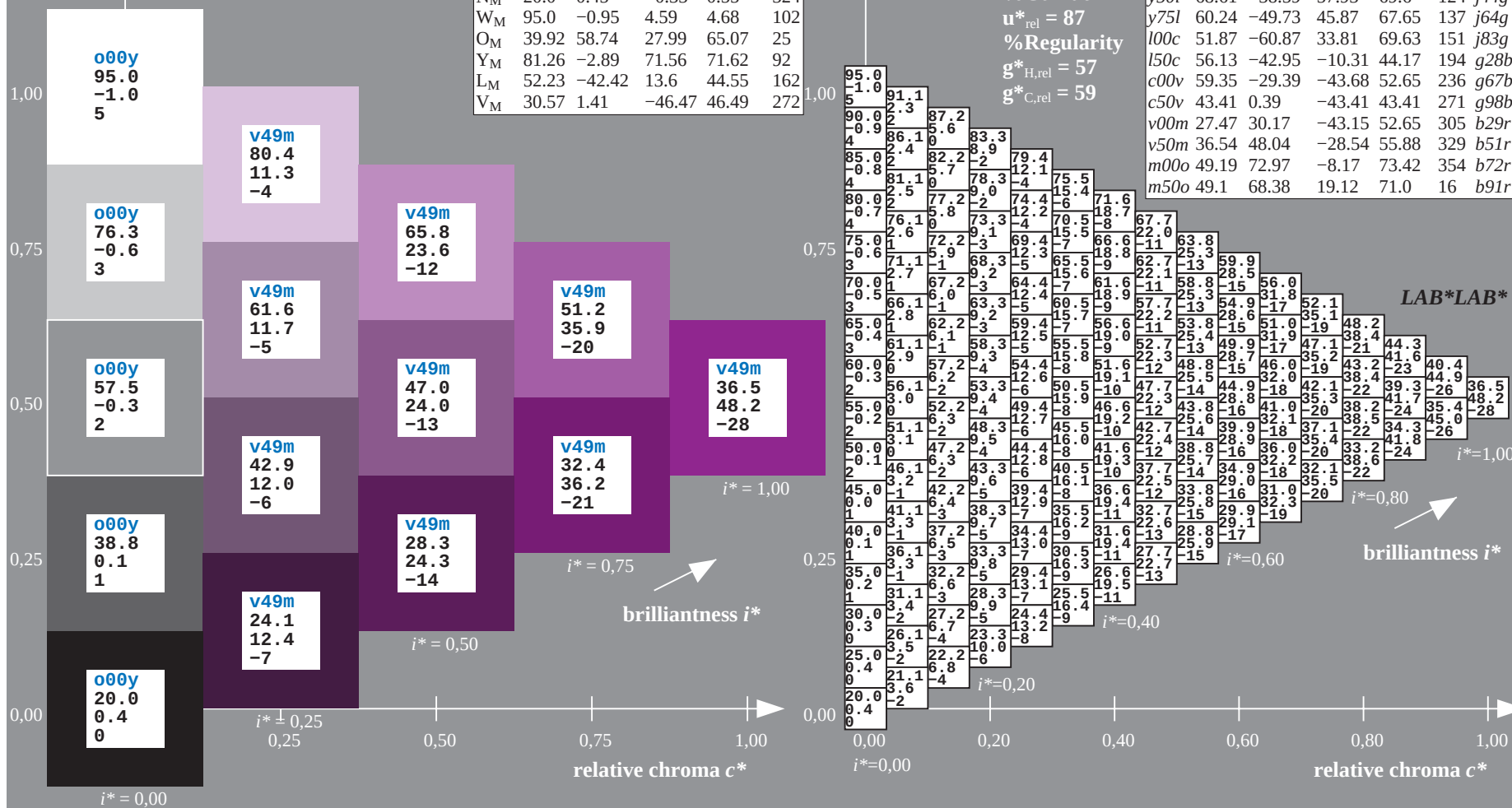
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$

data for any colour:

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

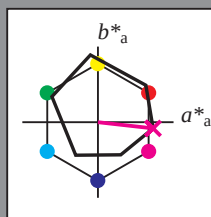
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

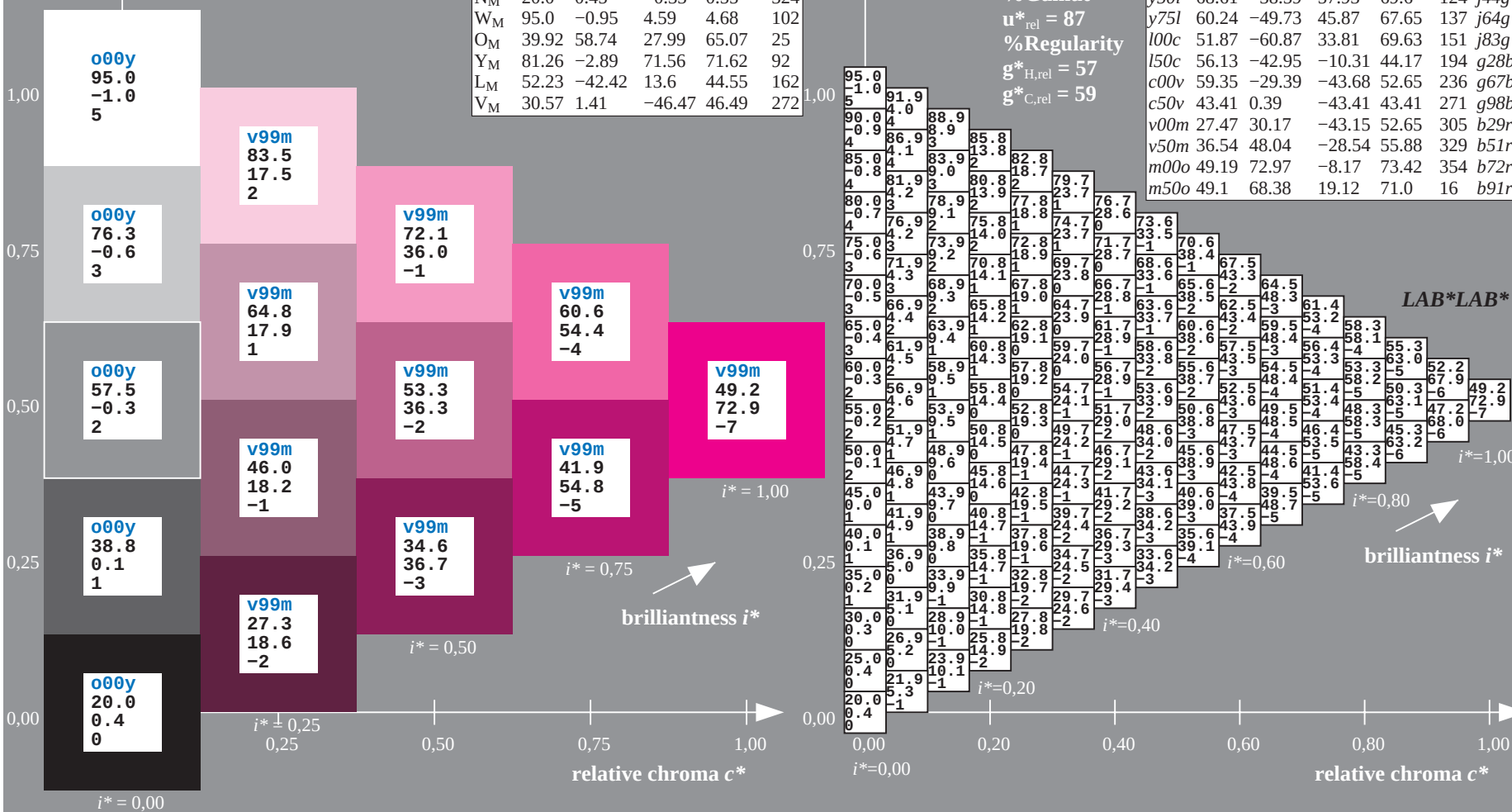
$u^*_{rel} = 87$

%Regularity

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

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

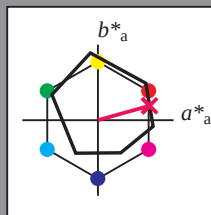
ORS18_95aM; adapted (a) CIELAB data									
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e			
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$			
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$			
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$			
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$			
$y00l$	90.12	-9.95	88.92	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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$ data for any colour:

$u^*_d = m50o$
 LAB^*LAB^*

Hue texts:
 $u^*_d = m50o$ $u^*_e = b91r$
 contrast reduction factor:
 $c_R = 0.97$
 triangle lightness t^*



ORS18_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 68 19

LAB*LCH*Ma: 49 71 15

*lgb*oly**Ma: 1.0 0.0 0.5

lab*rgb*_Ma: 1.0 0.0 0.17

triangle lightness t^*

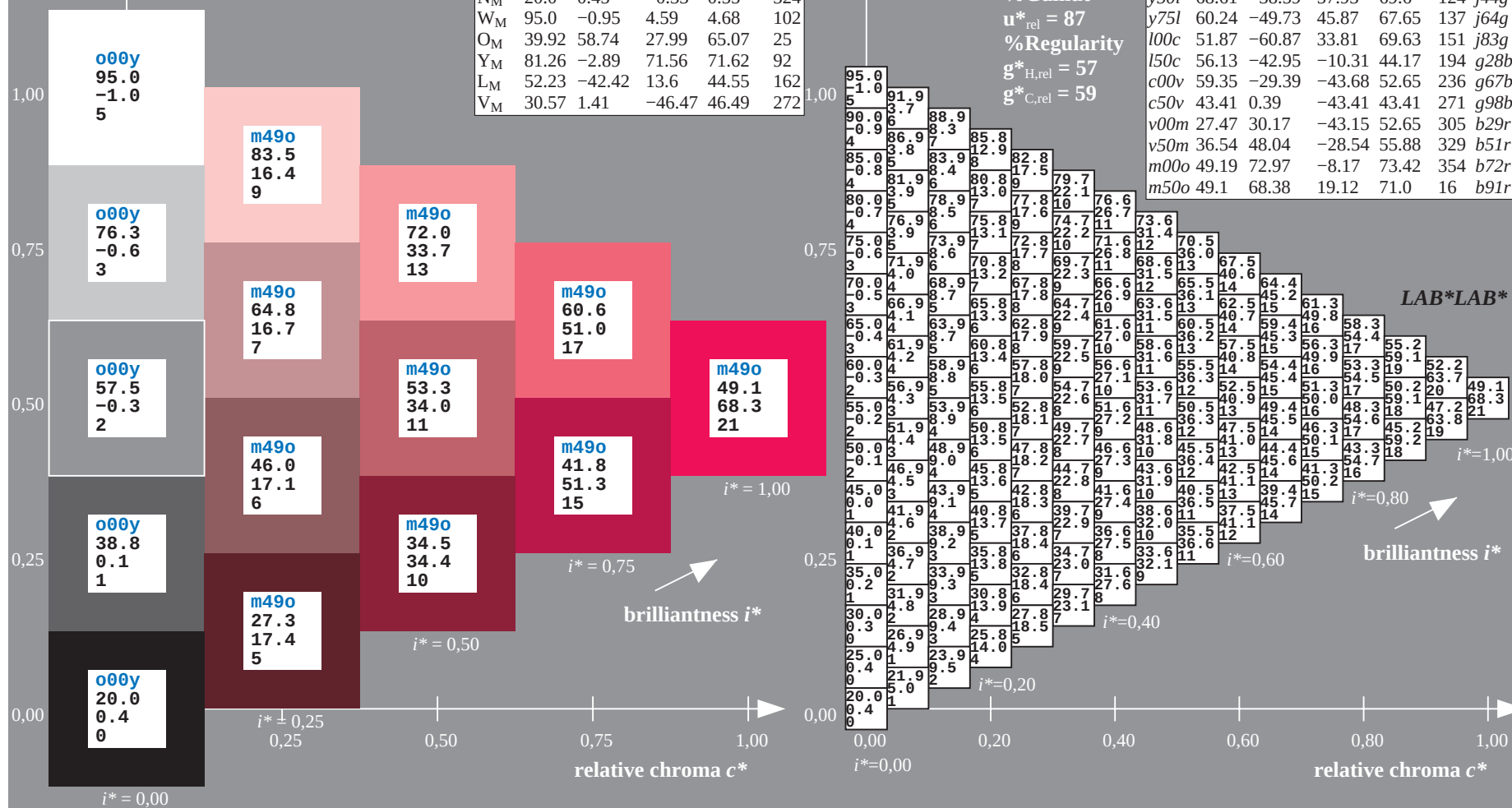
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 87$$

%Regular

$$g^*_{H,rel} = 57$$
g⁺C_{rel} = 55

ORS18_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 registration: 20081001-E665/10/L65E00NA.PS/.TXT BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

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, ColSpX=1

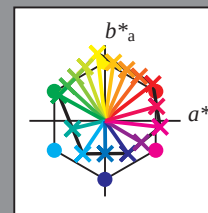
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
01	0.4	7.2	14.0	22.6	30.9	39.9	48.9	57.9	66.9	75.9	84.9	93.9	102.9	111.9	120.9	129.9	138.9	147.9	156.9	165.9	174.9	183.9	192.9	201.9	210.9	219.9	228.9	237.9	246.9	255.9	264.9	273.9	282.9	291.9	300.9	309.9	318.9	327.9	336.9	345.9	354.9	363.9	372.9	381.9	390.9	399.9	408.9	417.9	426.9	435.9	444.9	453.9	462.9	471.9	480.9	489.9	498.9	507.9	516.9	525.9	534.9	543.9	552.9	561.9	570.9	579.9	588.9	597.9	606.9	615.9	624.9	633.9	642.9	651.9	660.9	669.9	678.9	687.9	696.9	705.9	714.9	723.9	732.9	741.9	750.9	759.9	768.9	777.9	786.9	795.9	804.9	813.9	822.9	831.9	840.9	849.9	858.9	867.9	876.9	885.9	894.9	903.9	912.9	921.9	930.9	939.9	948.9	957.9	966.9	975.9	984.9	993.9	1002.9	1011.9	1020.9	1029.9	1038.9	1047.9	1056.9	1065.9	1074.9	1083.9	1092.9	1101.9	1110.9	1119.9	1128.9	1137.9	1146.9	1155.9	1164.9	1173.9	1182.9	1191.9	1200.9	1209.9	1218.9	1227.9	1236.9	1245.9	1254.9	1263.9	1272.9	1281.9	1290.9	1299.9	1308.9	1317.9	1326.9	1335.9	1344.9	1353.9	1362.9	1371.9	1380.9	1389.9	1398.9	1407.9	1416.9	1425.9	1434.9	1443.9	1452.9	1461.9	1470.9	1479.9	1488.9	1497.9	1506.9	1515.9	1524.9	1533.9	1542.9	1551.9	1560.9	1569.9	1578.9	1587.9	1596.9	1605.9	1614.9	1623.9	1632.9	1641.9	1650.9	1659.9	1668.9	1677.9	1686.9	1695.9	1704.9	1713.9	1722.9	1731.9	1740.9	1749.9	1758.9	1767.9	1776.9	1785.9	1794.9	1803.9	1812.9	1821.9	1830.9	1839.9	1848.9	1857.9	1866.9	1875.9	1884.9	1893.9	1902.9	1911.9	1920.9	1929.9	1938.9	1947.9	1956.9	1965.9	1974.9	1983.9	1992.9	2001.9	2010.9	2019.9	2028.9	2037.9	2046.9	2055.9	2064.9	2073.9	2082.9	2091.9	2100.9	2109.9	2118.9	2127.9	2136.9	2145.9	2154.9	2163.9	2172.9	2181.9	2190.9	2199.9	2208.9	2217.9	2226.9	2235.9	2244.9	2253.9	2262.9	2271.9	2280.9	2289.9	2298.9	2307.9	2316.9	2325.9	2334.9	2343.9	2352.9	2361.9	2370.9	2379.9	2388.9	2397.9	2406.9	2415.9	2424.9	2433.9	2442.9	2451.9	2460.9	2469.9	2478.9	2487.9	2496.9	2505.9	2514.9	2523.9	2532.9	2541.9	2550.9	2559.9	2568.9	2577.9	2586.9	2595.9	2604.9	2613.9	2622.9	2631.9	2640.9	2649.9	2658.9	2667.9	2676.9	2685.9	2694.9	2703.9	2712.9	2721.9	2730.9	2739.9	2748.9	2757.9	2766.9	2775.9	2784.9	2793.9	2802.9	2811.9	2820.9	2829.9	2838.9	2847.9	2856.9	2865.9	2874.9	2883.9	2892.9	2901.9	2910.9	2919.9	2928.9	2937.9	2946.9	2955.9	2964.9	2973.9	2982.9	2991.9	3000.9	3009.9	3018.9	3027.9	3036.9	3045.9	3054.9	3063.9	3072.9	3081.9	3090.9	3099.9	3108.9	3117.9	3126.9	3135.9	3144.9	3153.9	3162.9	3171.9	3180.9	3189.9	3198.9	3207.9	3216.9	3225.9	3234.9	3243.9	3252.9	3261.9	3270.9	3279.9	3288.9	3297.9	3306.9	3315.9	3324.9	3333.9	3342.9	3351.9	3360.9	3369.9	3378.9	3387.9	3396.9	3405.9	3414.9	3423.9	3432.9	3441.9	3450.9	3459.9	3468.9	3477.9	3486.9	3495.9	3504.9	3513.9	3522.9	3531.9	3540.9	3549.9	3558.9	3567.9	3576.9	3585.9	3594.9	3603.9	3612.9	3621.9	3630.9	3639.9	3648.9	3657.9	3666.9	3675.9	3684.9	3693.9	3702.9	3711.9	3720.9	3729.9	3738.9	3747.9	3756.9	3765.9	3774.9	3783.9	3792.9	3801.9	3810.9	3819.9	3828.9	3837.9	3846.9	3855.9	3864.9	3873.9	3882.9	3891.9	3900.9	3909.9	3918.9	3927.9	3936.9	3945.9	3954.9	3963.9	3972.9	3981.9	3990.9	3999.9	4008.9	4017.9	4026.9	4035.9	4044.9	4053.9	4062.9	4071.9	4080.9	4089.9	4098.9	4107.9	4116.9	4125.9	4134.9	4143.9	4152.9	4161.9	4170.9	4179.9	4188.9	4197.9	4206.9	4215.9	4224.9	4233.9	4242.9	4251.9	4260.9	4269.9	4278.9	4287.9	4296.9	4305.9	4314.9	4323.9	4332.9	4341.9	4350.9	4359.9	4368.9	4377.9	4386.9	4395.9	4404.9	4413.9	4422.9	4431.9	4440.9	4449.9	4458.9	4467.9	4476.9	4485.9	4494.9	4503.9	4512.9	4521.9	4530.9	4539.9	4548.9	4557.9	4566.9	4575.9	4584.9	4593.9	4602.9	4611.9	4620.9	4629.9	4638.9	4647.9	4656.9	4665.9	4674.9	4683.9	4692.9	4701.9	4710.9	4719.9	4728.9	4737.9	4746.9	4755.9	4764.9	4773.9	4782.9	4791.9	4800.9	4809.9	4818.9	4827.9	4836.9	4845.9	4854.9	4863.9	4872.9	4881.9	4890.9	4899.9	4908.9	4917.9	4926.9	4935.9	4944.9	4953.9	4962.9	4971.9	4980.9	4989.9	4998.9	5007.9	5016.9	5025.9	5034.9	5043.9	5052.9	5061.9	5070.9	5079.9	5088.9	5097.9	5106.9	5115.9	5124.9	5133.9	5142.9	5151.9	5160.9	5169.9	5178.9	5187.9	5196.9	5205.9	5214.9	5223.9	5232.9	5241.9	5250.9	5259.9	5268.9	5277.9	5286.9	5295.9	5304.9	5313.9	5322.9	5331.9	5340.9	5349.9	5358.9	5367.9	5376.9	5385.9	5394.9	5403.9	5412.9	5421.9	5430.9	5439.9	5448.9	5457.9	5466.9	5475.9	5484.9	5493.9	5502.9	5511.9	5520.9	5529.9	5538.9	5547.9	5556.9	5565.9	5574.9	5583.9	5592.9	5601.9	5610.9	5619.9	5628.9	5637.9	5646.9	5655.9	5664.9	5673.9	5682.9	5691.9	5700.9	5709.9	5718.9	5727.9	5736.9	5745.9	5754.9	5763.9	5772.9	5781.9	5790.9	5799.9	5808.9	5817.9	5826.9	5835.9	5844.9	5853.9	5862.9	5871.9	5880.9	5889.9	5898.9	5907.9	5916.9	5925.9	5934.9	5943.9	5952.9	5961.9	5970.9	5979.9	5988.9	5997.9	6006.9	6015.9	6024.9	6033.9	6042.9	6051.9	6060.9	6069.9	6078.9	6087.9	6096.9	6105.9	6114.9	6123.9	6132.9	6141.9	6150.9	6159.9	6168.9	6177.9	6186.9	6195.9	6204.9	6213.9	6222.9	6231.9	6240.9	6249.9	6258.9	6267.9	6276.9	6285.9	6294.9	6303.9	6312.9	6321.9	6330.9	6339.9	6348.9	6357.9	6366.9	6375.9	6384.9	6393.9	6402.9	6411.9	6420.9	6429.9	6438.9	6447.9	6456.9	6465.9	6474.9	6483.9	6492.9	6501.9	6510.9	6519.9	6528.9	6537.9	6546.9	6555.9	6564.9	6573.9	6582.9	6591.9	6600.9	6609.9	6618.9	6627.9	6636.9	6645.9	6654.9	6663.9	6672.9	6681.9	6690.9	6699.9	6708.9	6717.9	6726.9	6735.9	6744.9	6753.9	6762.9	6771.9	6780.9	6789.9	6798.9	6807.9	6816.9	6825.9	6834.9	6843.9	6852.9	6861.9	6870.9	6879.9	6888.9	6897.9	6906.9	6915.9	6924.9	6933.9	6942.9	6951.9	6960.9	6969.9	6978.9	6987.9	6996.9	7005.9	7014.9	7023.9	7032.9	7041.9	7050.9	7059.9	7068.9	7077.9	7086.9	7095.9	7104.9	7113.9	7122.9	7131.9	7140.9	7149.9	7158.9	7167.9	7176.9	7185.9	7194.9	7203.9	7212.9	7221.9	7230.9	7239.9	7248.9	7257.9	7266.9	7275.9	7284.9	7293.9	7302.9	7311.9	7320.9	7329.9	7338.9	7347.9	7356.9	7365.9	7374.9	7383.9	7392.9	7401.9	7410.9	7419.9	7428.9	7437.9	7446.9	7455.9	7464.9	7473.9	7482.9	7491.9	7500.9	7509.9	7518.9	7527.9	7536.9	7545.9	7554.9	7563.9	7572.9	7581.9	7590.9	7599.9	7608.9	7617.9	7626.9	7635.9	7644.9	7653.9	7662.9	7671.9	7680.9	7689.9	7698.9	7707.9	7716.9	7725.9	7734.9	7743.9	7752.9	7761.9	7770.9	7779.9	7788.9	7797.9	7806.9	7815.9	7824.9	7833.9	7842.9	7851.9	7860.9	7869.9	7878.9	7887.9	7896.9	7905.9	7914.9	7923.9	7932.9	7941.9	7950.9	7959.9	7968.9	7977.9	7986.9	7995.9	8004.9	8013.9	8022.9	8031.9	8040.9	8049.9	8058.9	8067.9	8076.9	8085.9	8094.9	8103.9	8112.9	8121.9	8130.9	8139.9	8148.9	8157.9	8166.9	8175.9	8184.9	8193.9	8202.9	8211.9	8220.9	8229.9	8238.9	8247.9	8256.9	8265.9	8274.9	8283.9	8292.9	8301.9	8310.9	8319.9	8328.9	8337.9	8346.9	8355.9	8364.9	8373.9	8382.9	8391.9	8400.9	8409.9	8418.9	8427.9	8436.9	8445.9	8454.9	8463.9	8472.9	8481.9	8490.9	8499.9	8508.9	8517.9	8526.9	8535.9	8544.9	8553.9	8562.9	8571.9	8580.9	8589.9	8598.9	8607.9	8616.9	8625.9	8634.9	8643.9	8652.9	8661.9	8670.9	8679.9	8688.9	8697.9	8706.9	8715.9	8724.9	8733.9	8742.9	8751.9	8760.9	8769.9	8778.9	8787.9	8796.9	8805.9	8814.9	8823.9	8832.9	8841.9	8850.9	8859.9	8868.9	8877.9	8886.9	8895.9	8904.9	8913.9	8922.9	8931.9	8940.9	8949.9	8958.9	8967.9	8976.9	8985.9	8994.9	9003.9	9012.9	9021.9	9030.9	9039.9	9048.9	9057.9	9066.9	9075.9	9084.9	9093.9	9102.9	9111.9	9120.9	9129.9	9138.9	9147.9	9156.9	9165.9	9174.9	9183.9	9192.9	9201.9	9210.9	9219.9	9228.9	9237.9	9246.9	9255.9	9264.9	9273.9	9282.9	9291.9	9300.9	9309.9	9318.9	9327.9	9336.9	9345.9	9354.9	9363.9	9372.9	9381.9	9390.9	9399.9	9408.9	9417.9	9426.9	9435.9	9444.9	9453.9	9462.9	9471.9	9480.9	9489.9	9498.9	9507.9	9516.9	9525.9	9534.9	9543.9	9552.9	9561.9	9570.9	9579.9	9588.9	9597.9	9606.9	9615.9	9624.9	9633.9	9642.9	9651.9	9660.9	9669.9	9678.9	9687.9	9696.9	9705.9	9714.9	9723.9	9732.9	9741.9	9750.9	9759.9	9768.9	9777.9	9786.9	9795.9	9804.9	9813.9	9822.9	9831.9

Input and output:
Colorimetric Printer Reflective System ORS18_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:
 $c_R = 0.97$

ORS18_95aM; adapted (a) CIELAB data

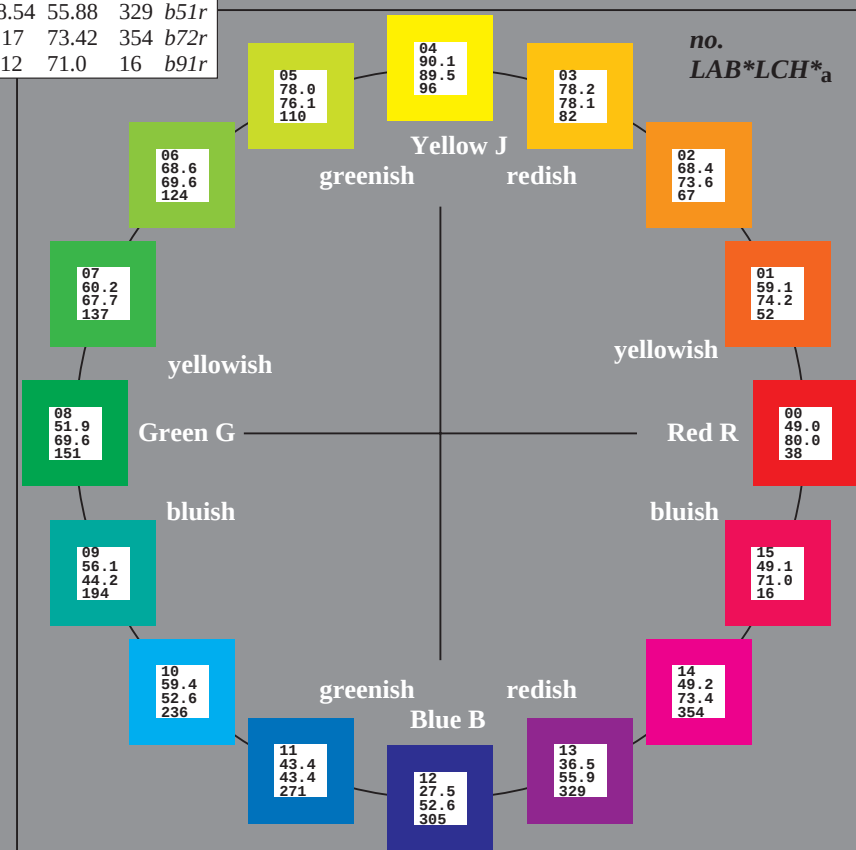
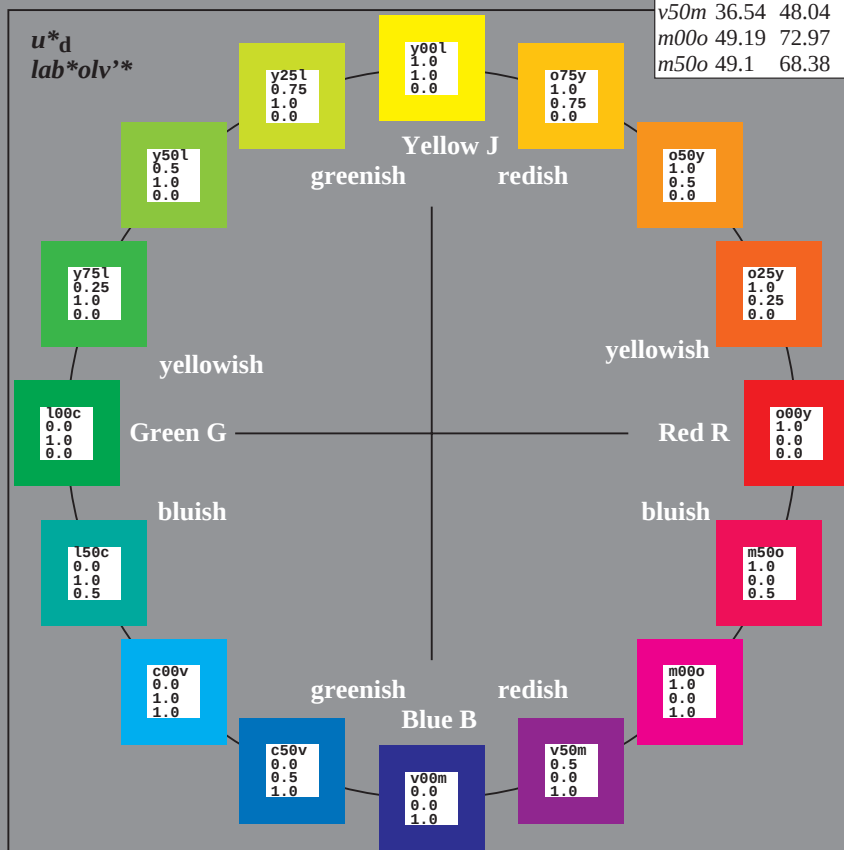
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	49.0	63.38	48.88	80.04	38	$r18j$
$o25y$	59.11	45.34	58.73	74.2	52	$r40j$
$o50y$	68.41	28.75	67.79	73.63	67	$r62j$
$o75y$	78.21	11.28	77.33	78.15	82	$r83j$
$y00l$	90.12	-9.95	88.92	89.48	96	$j06g$
$y25l$	78.02	-26.06	71.49	76.09	110	$j25g$
$y50l$	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
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS18_95aM; CIELAB data

Name	$L^*=L^*$	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_{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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

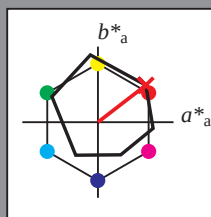
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

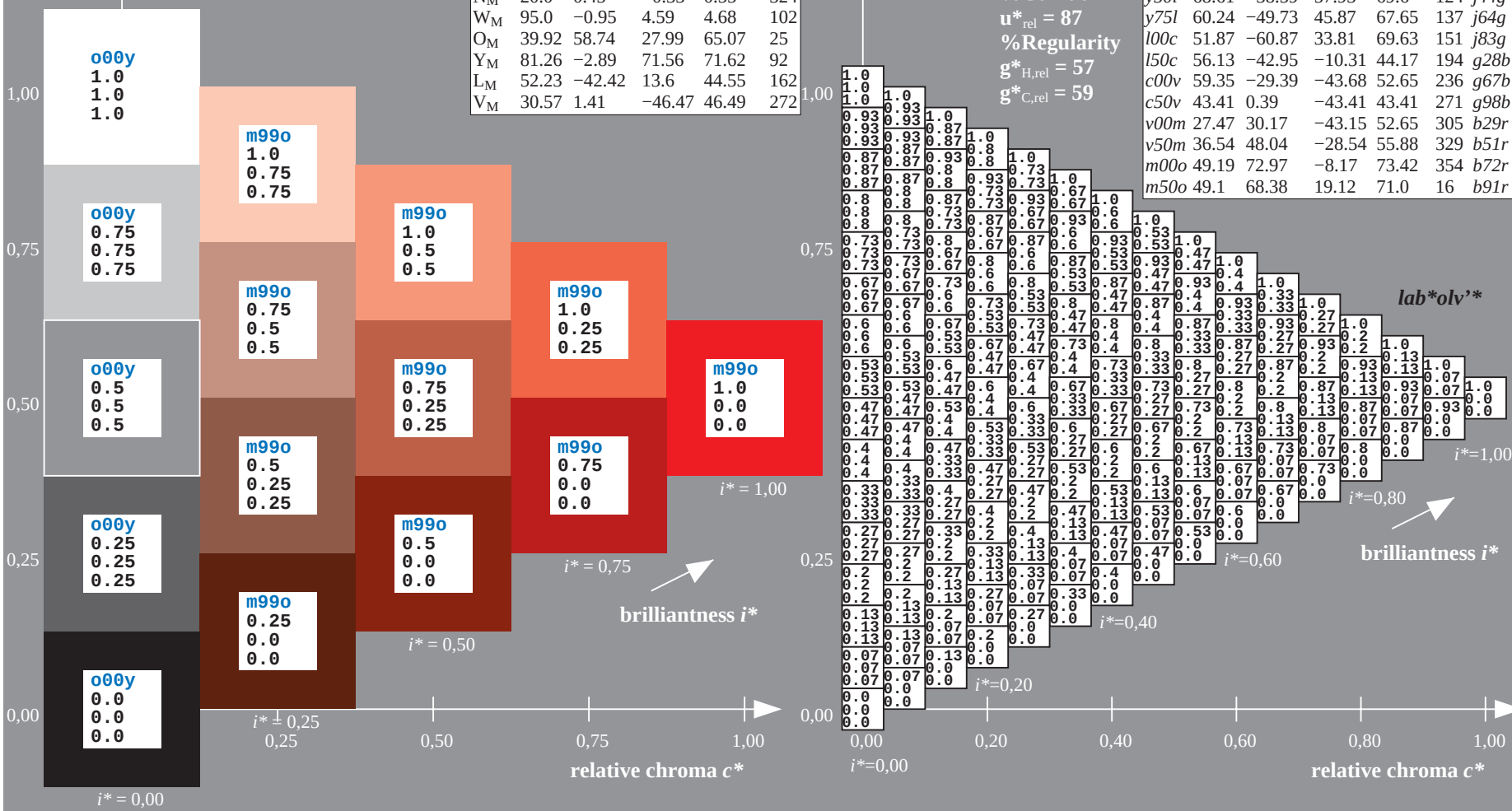
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.145$

data for any colour:

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

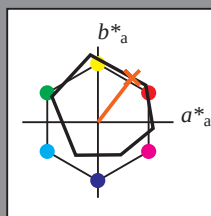
Hue texts:

$u^*_d = o25y$ $u^*_e = r40j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

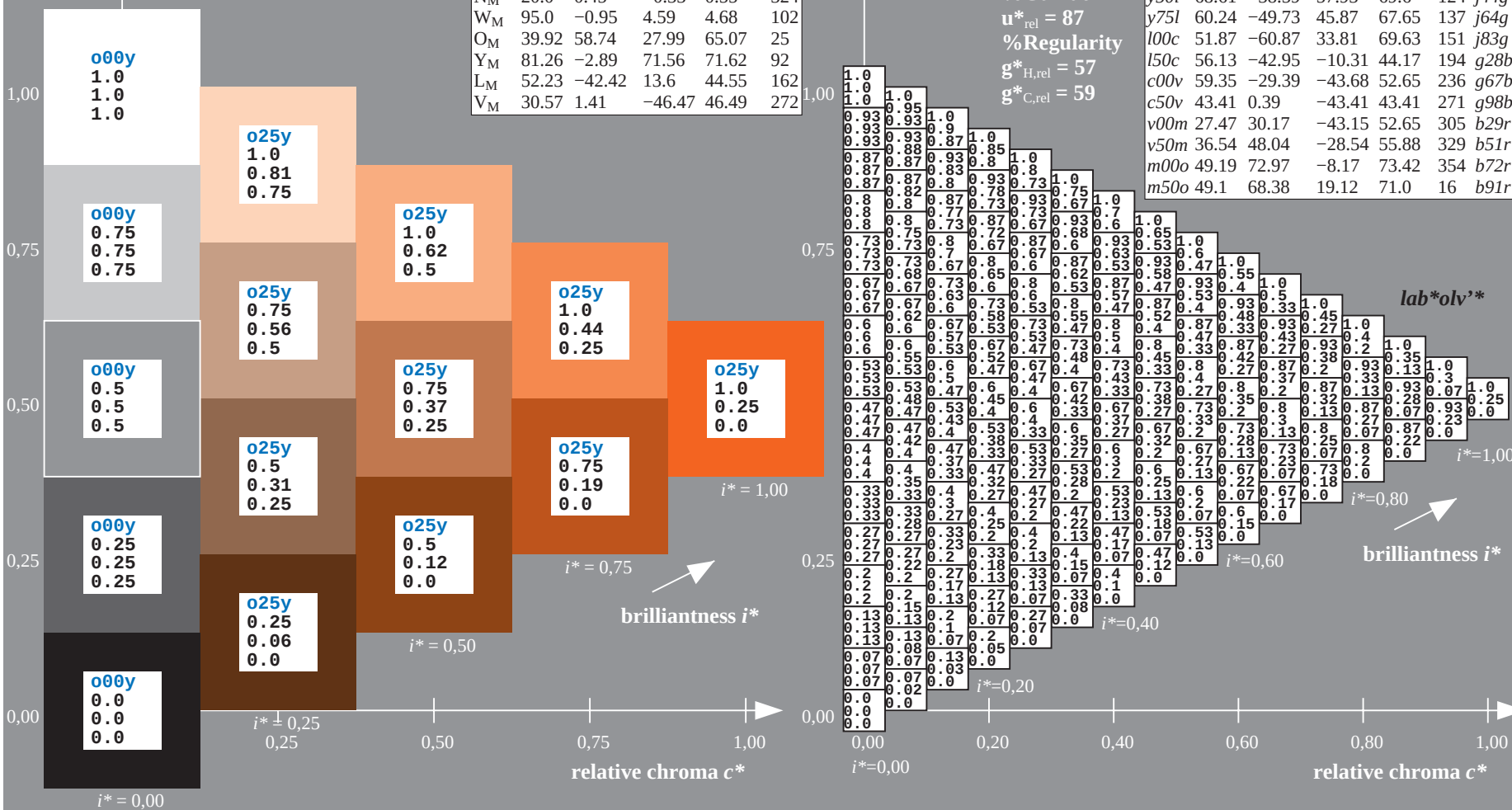
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$

data for any colour:

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

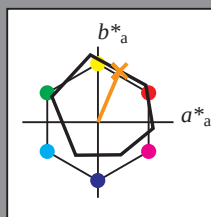
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

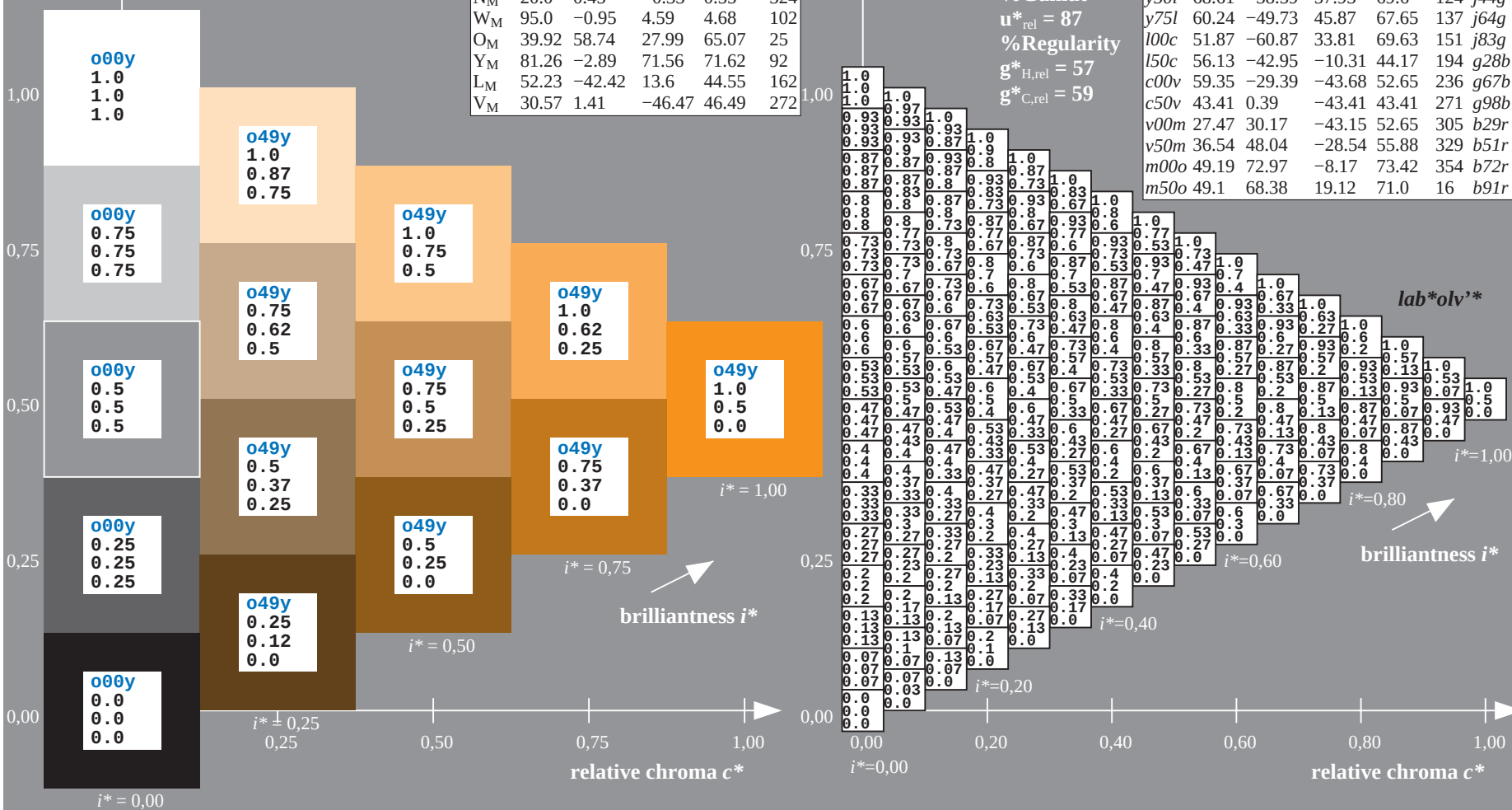
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.227$

data for any colour:

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

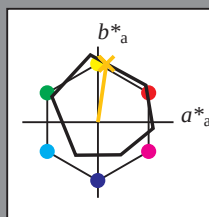
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

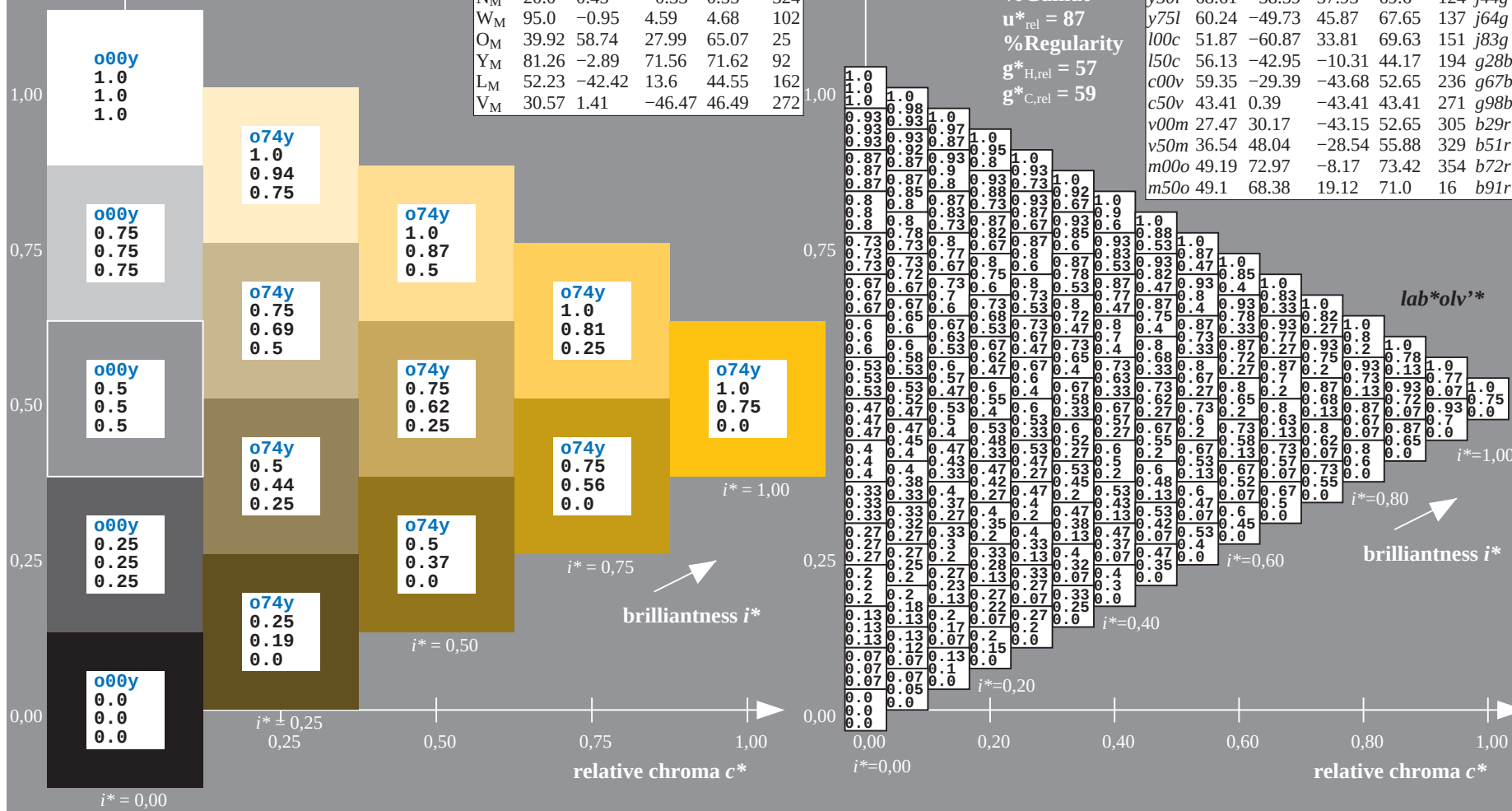
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

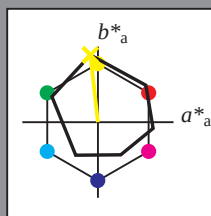
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

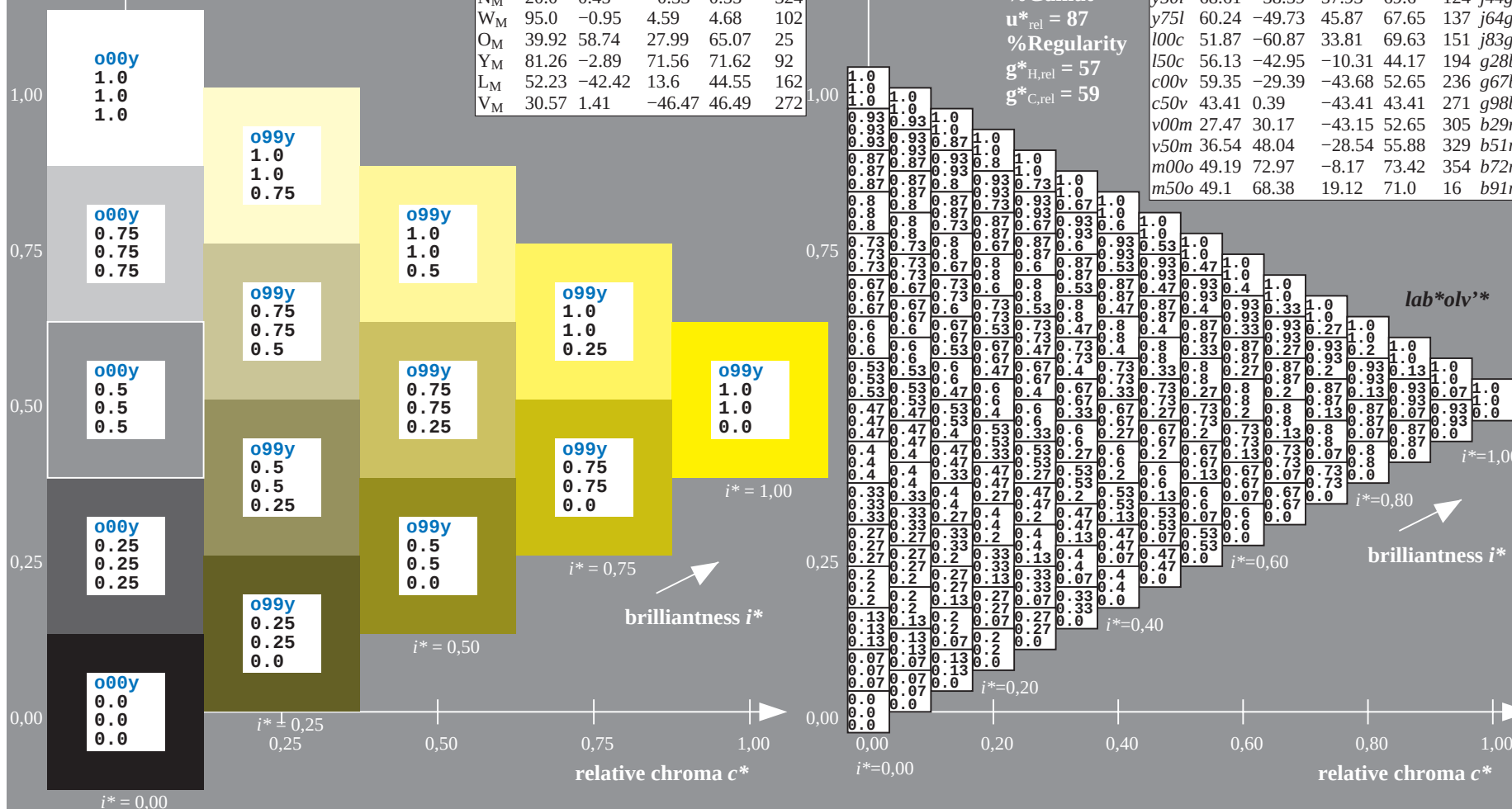
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

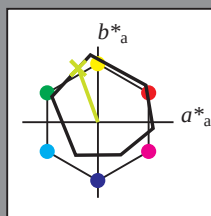
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

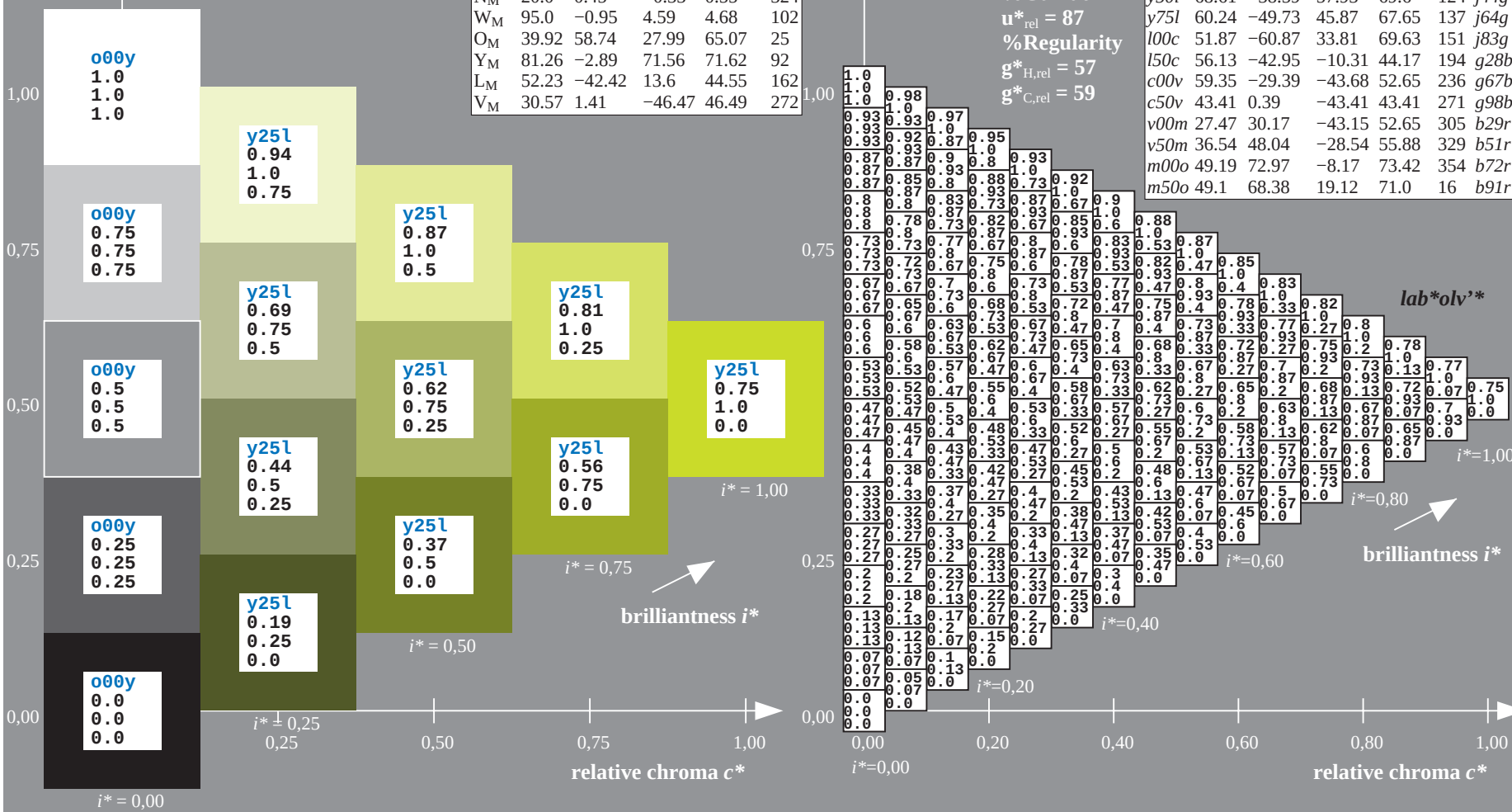
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

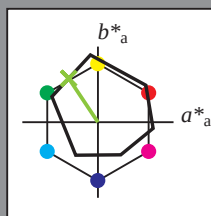
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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):

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

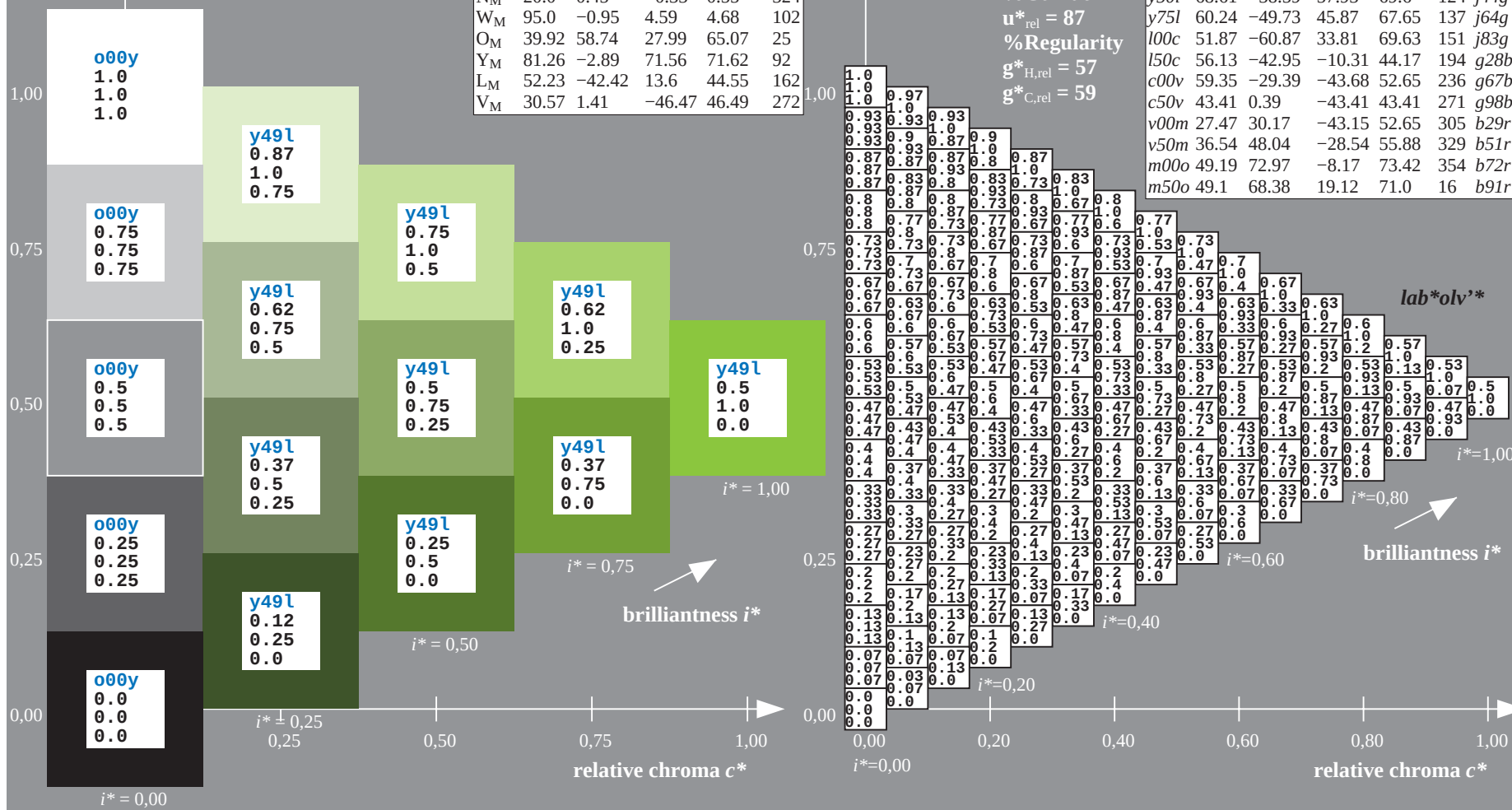
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:

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

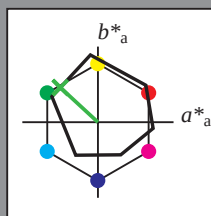
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

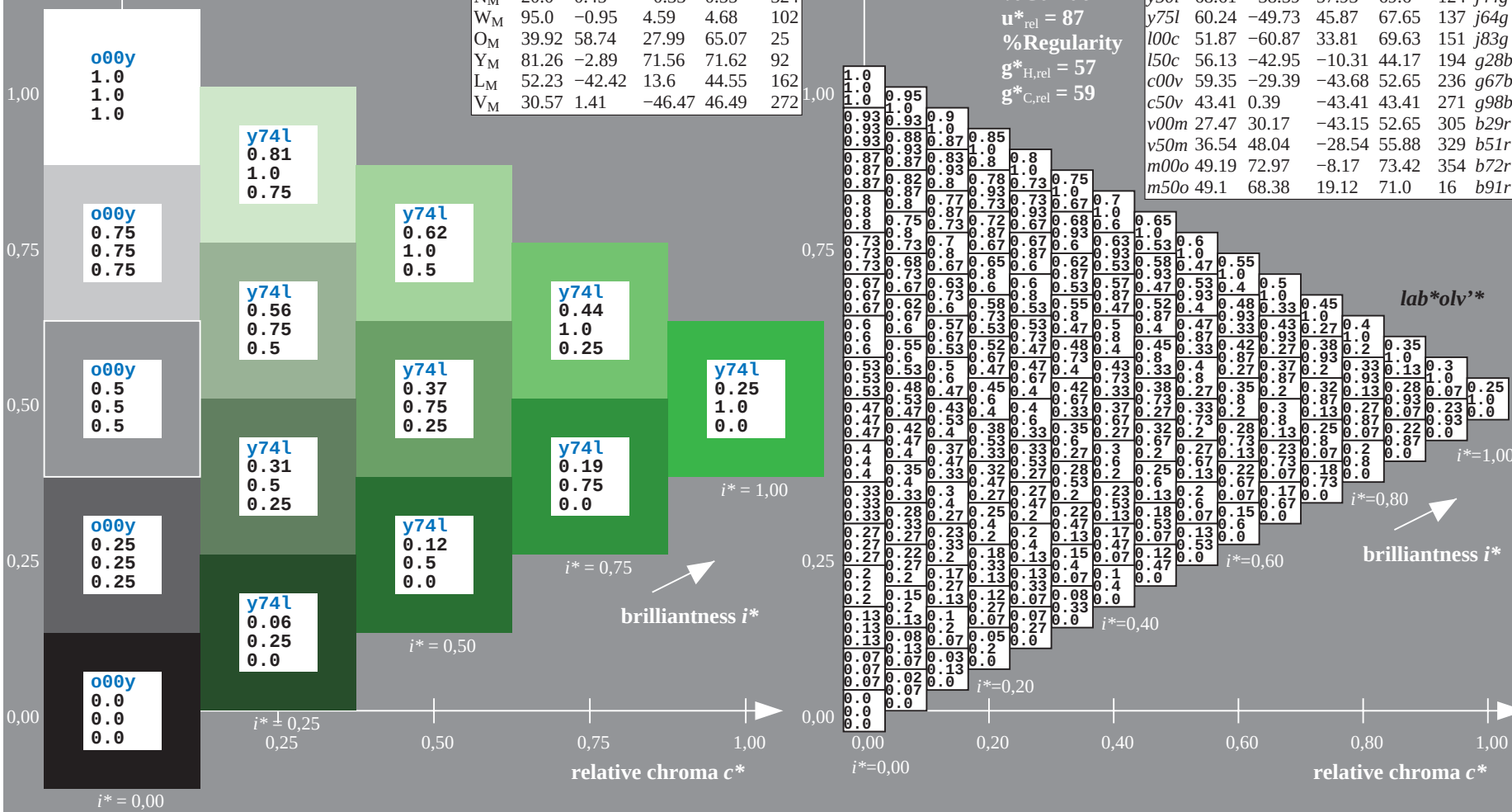
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

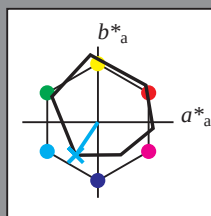
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

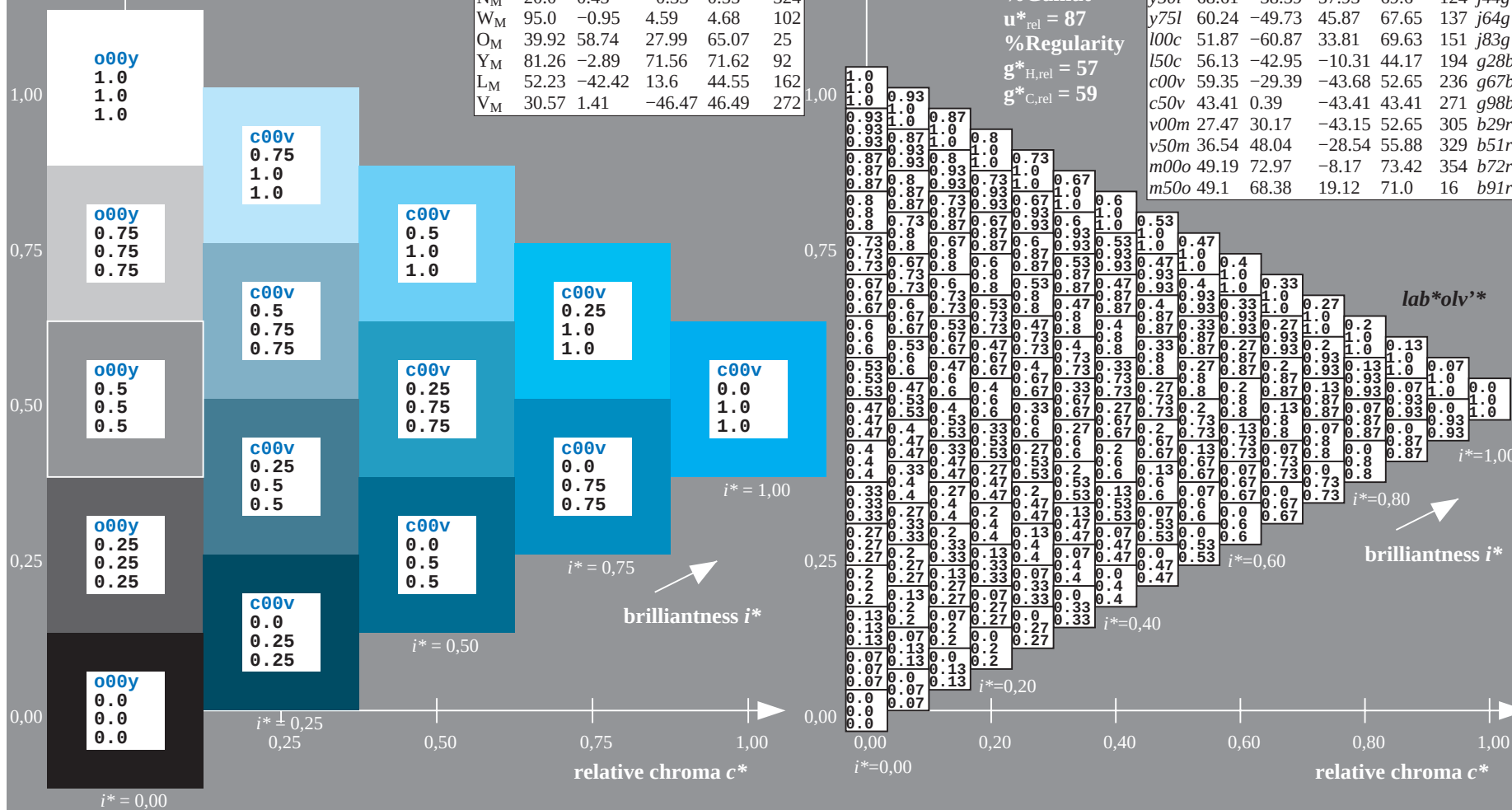
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

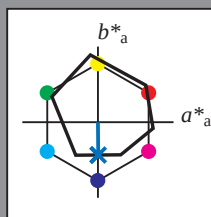
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

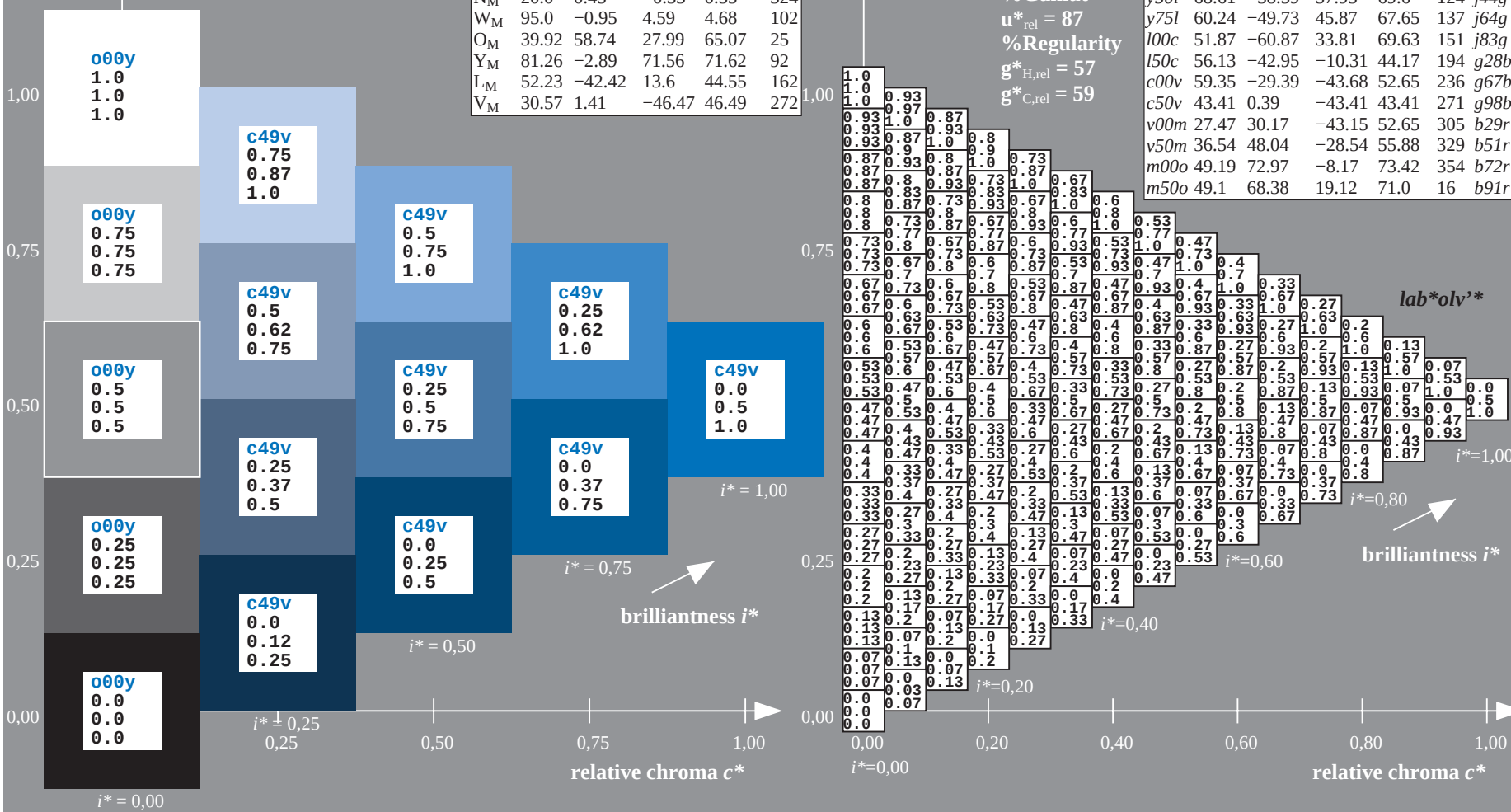
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$

data for any colour:

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

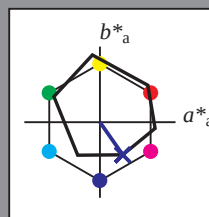
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

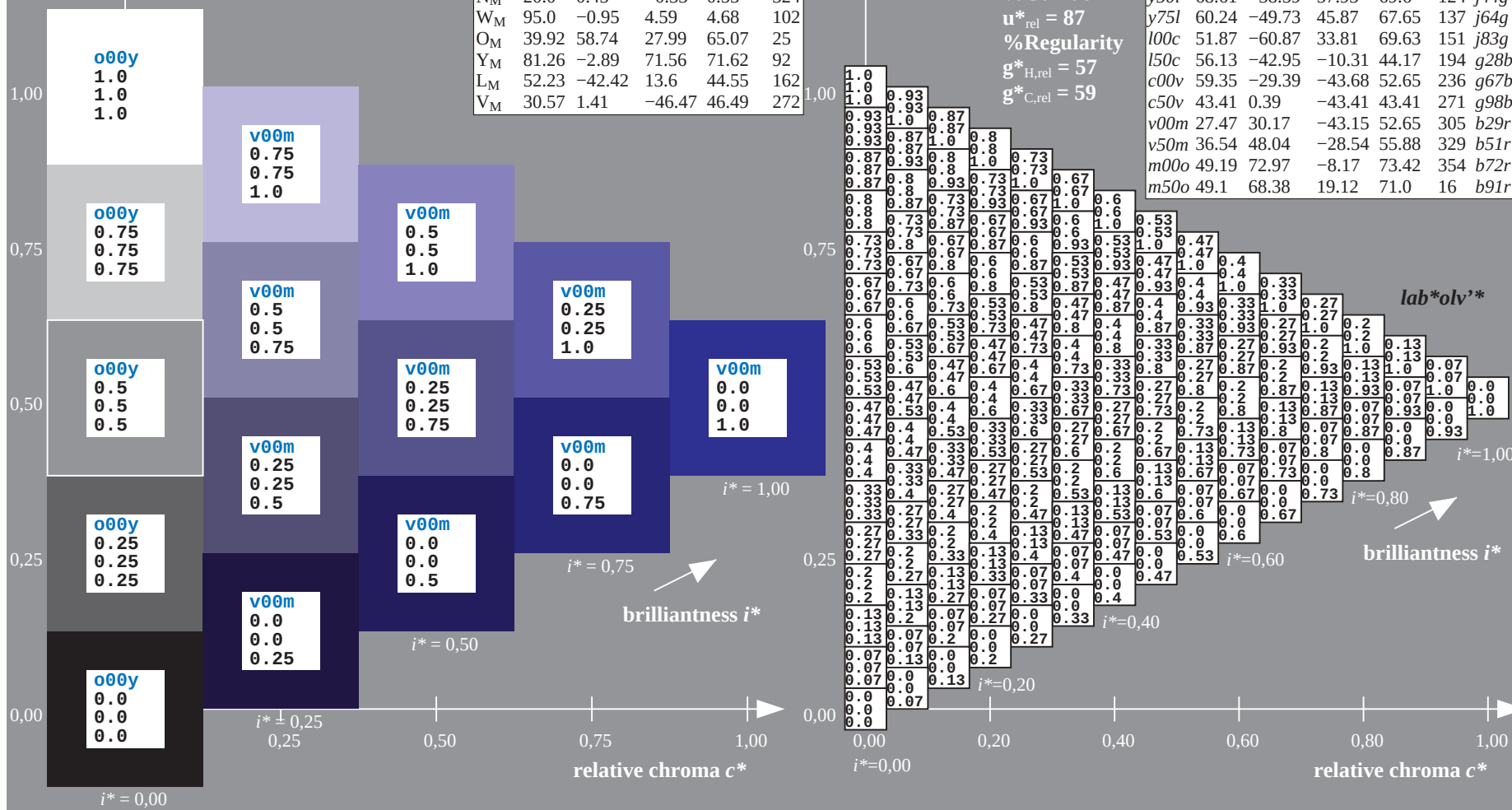
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.915$

data for any colour:

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

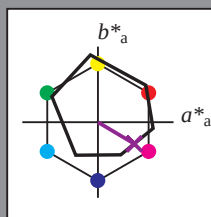
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 37 48 -29

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

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

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

triangle lightness t^*

% Gamut

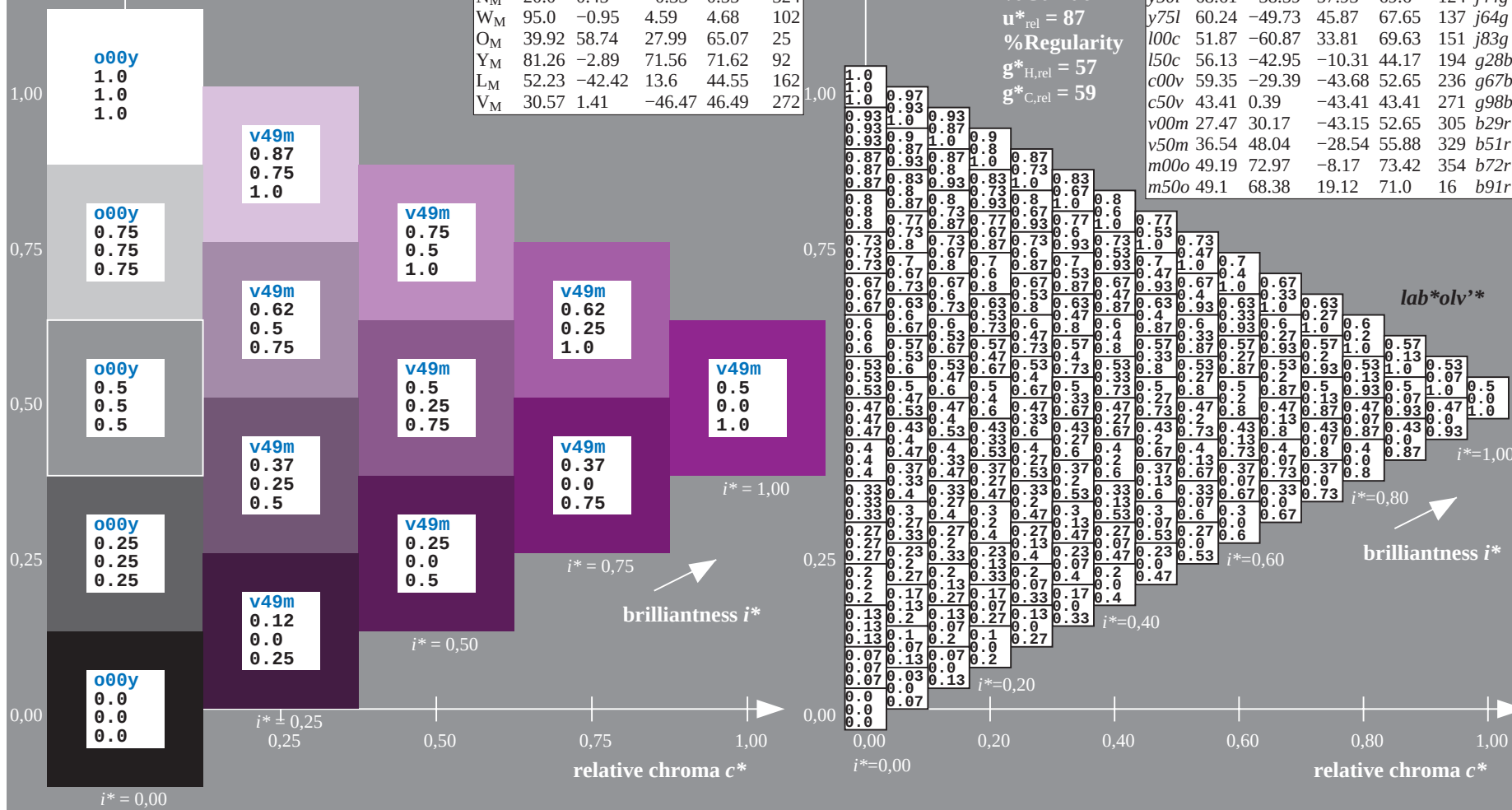
$u^*_{rel} = 87$

% Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$

data for any colour:

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

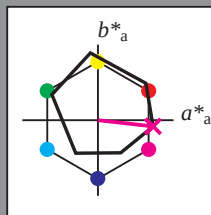
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

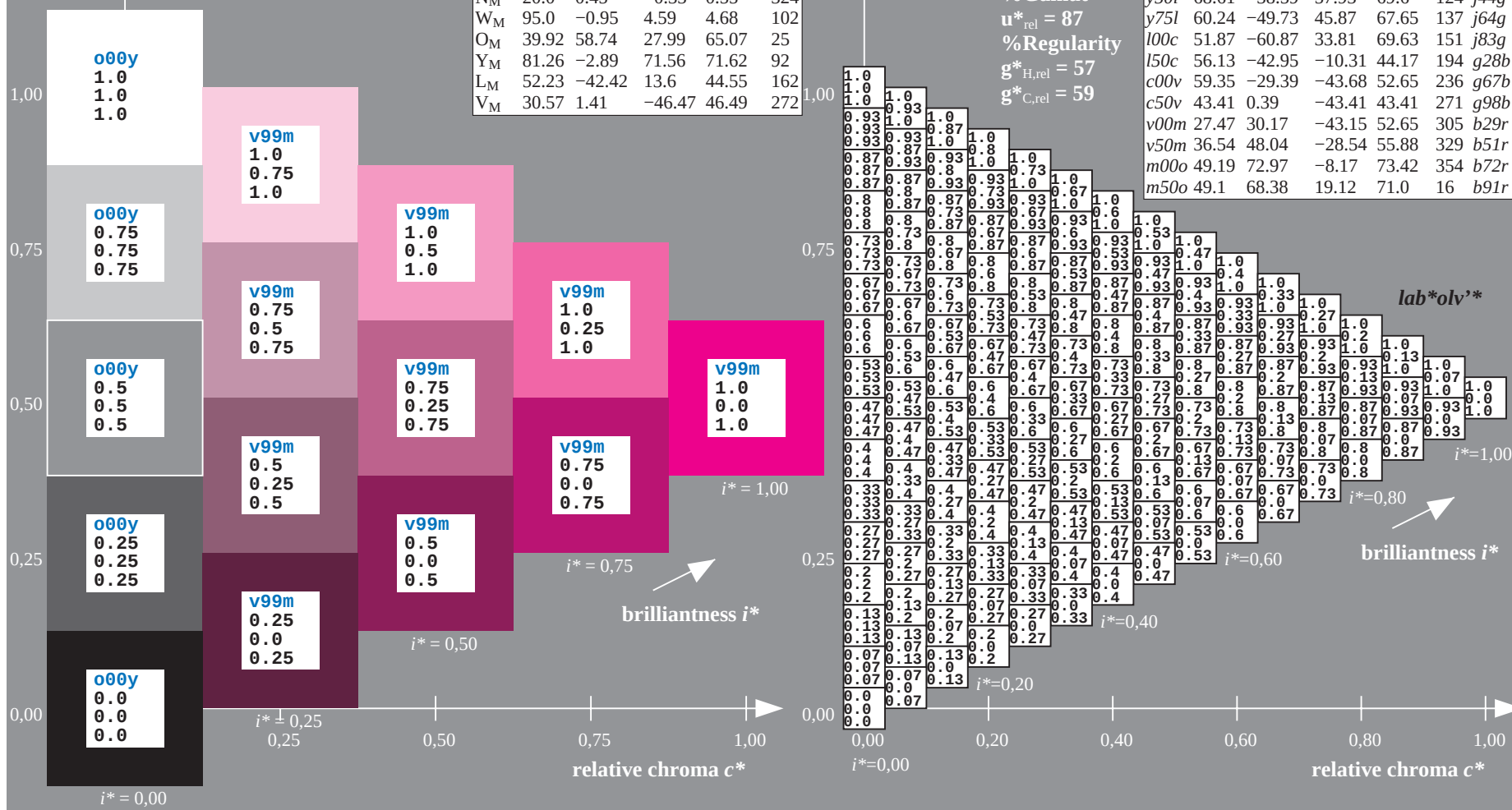
$g^*_{H,rel} = 57$

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

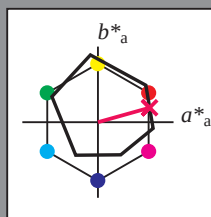
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

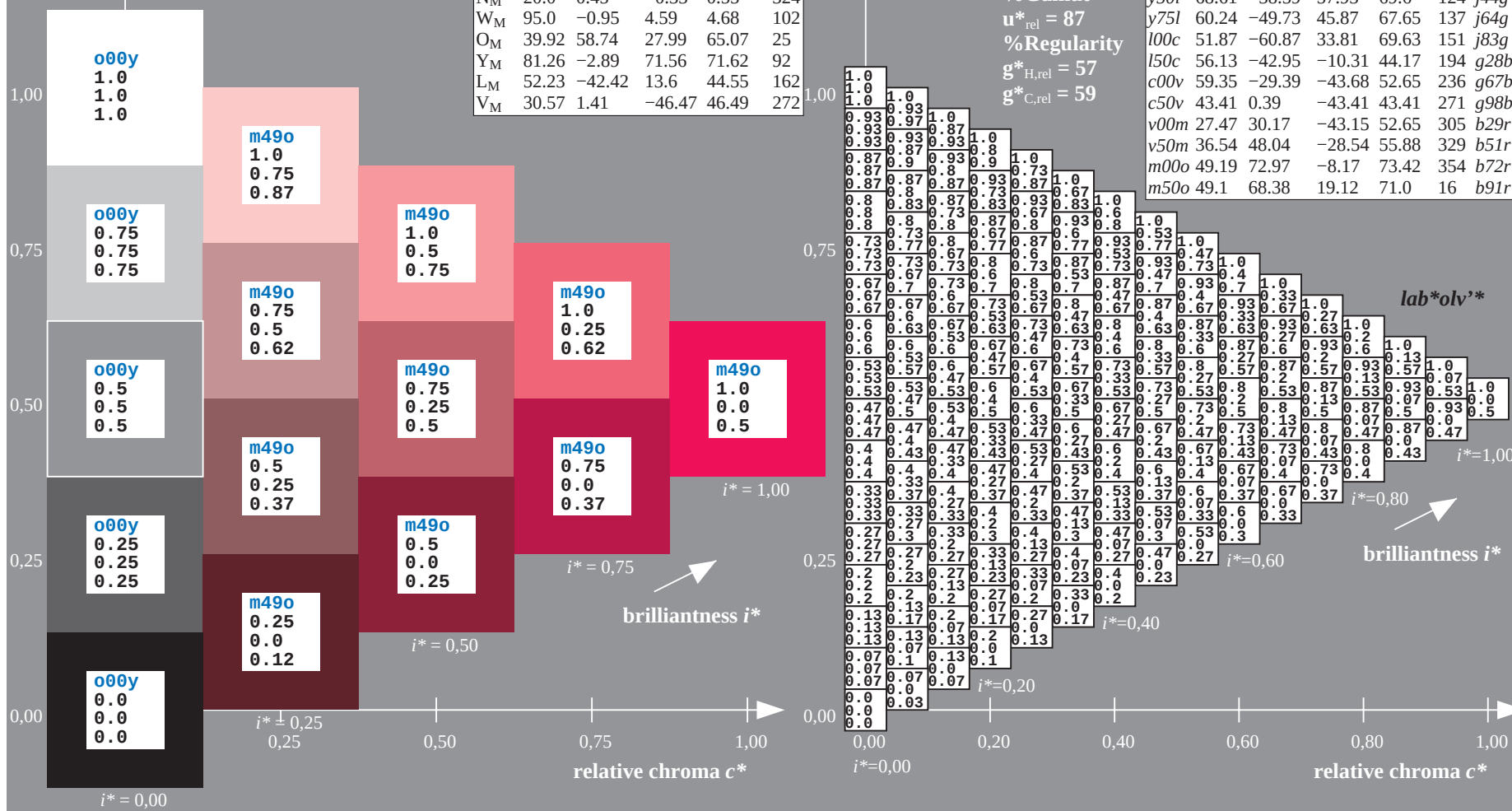
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM
data for any colour:

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

device hue text:

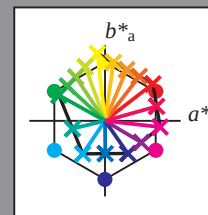
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 0.97$

ORS18_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

$u^*_{rel} = 87$

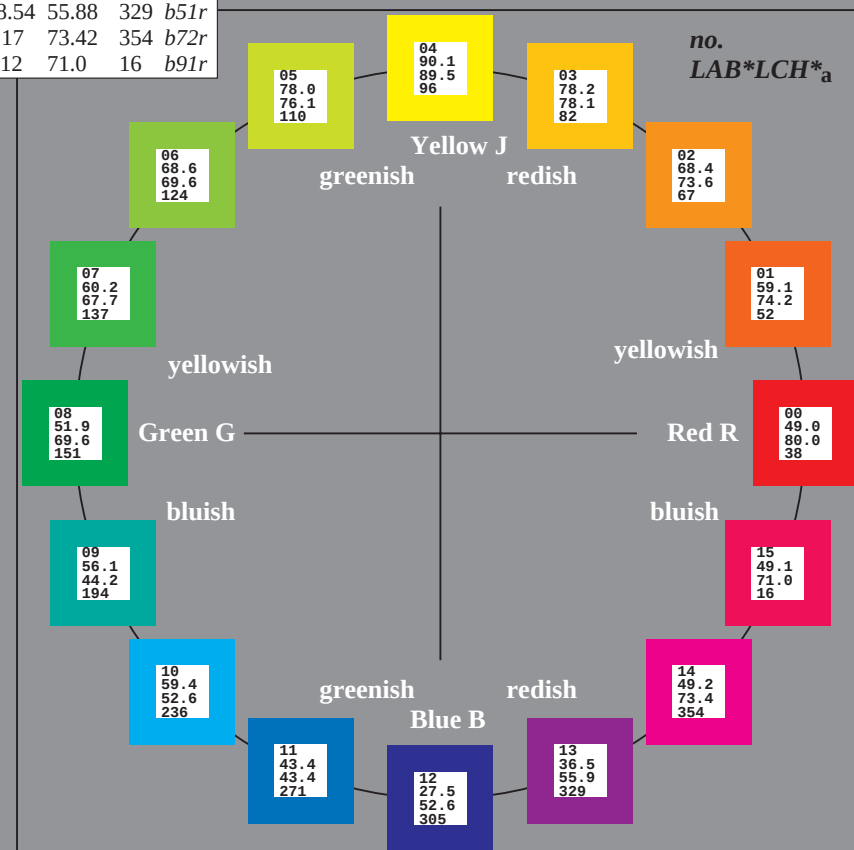
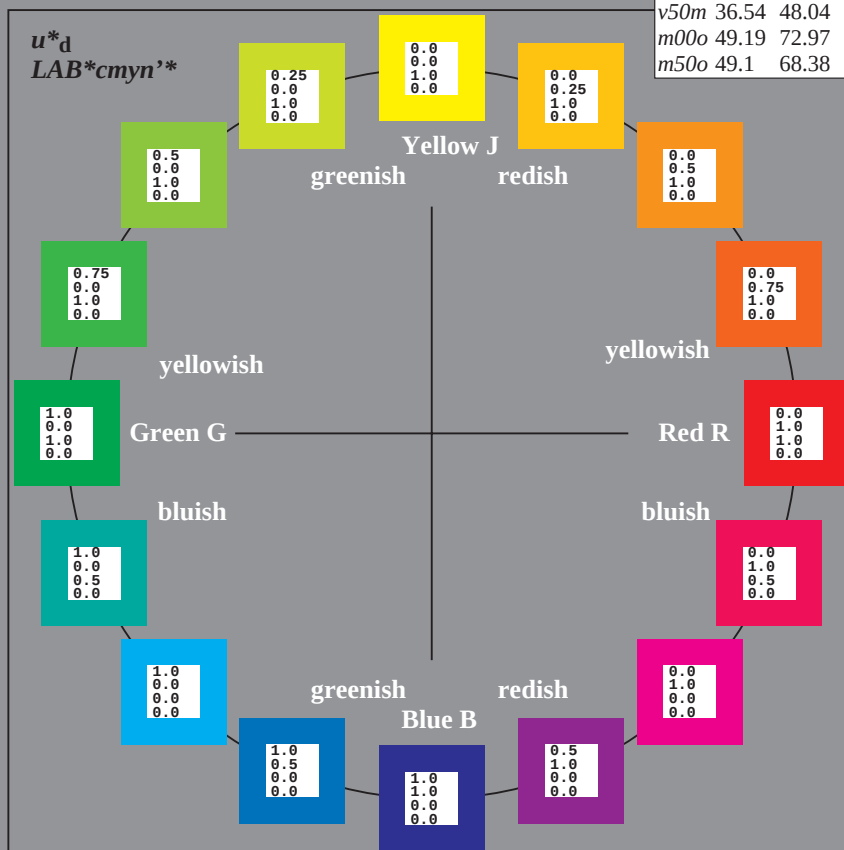
%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:

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

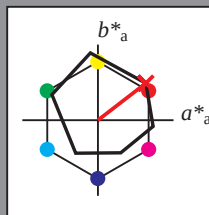
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.186$

data for any colour:

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

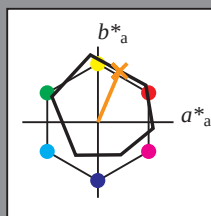
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

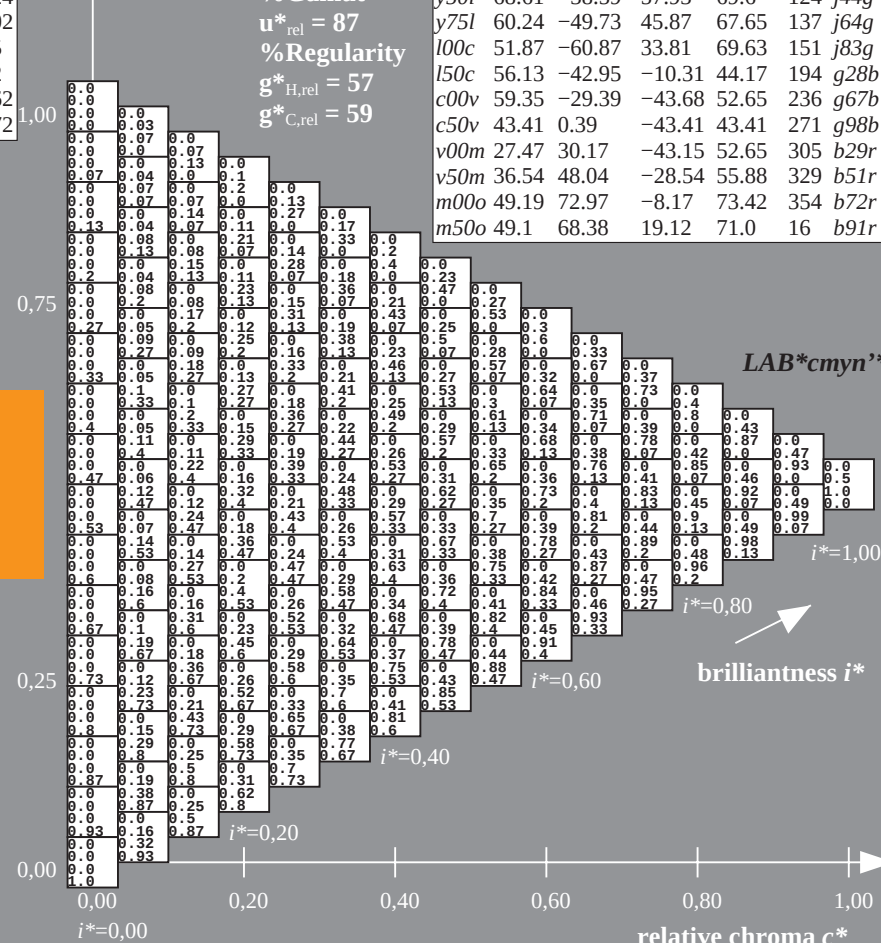
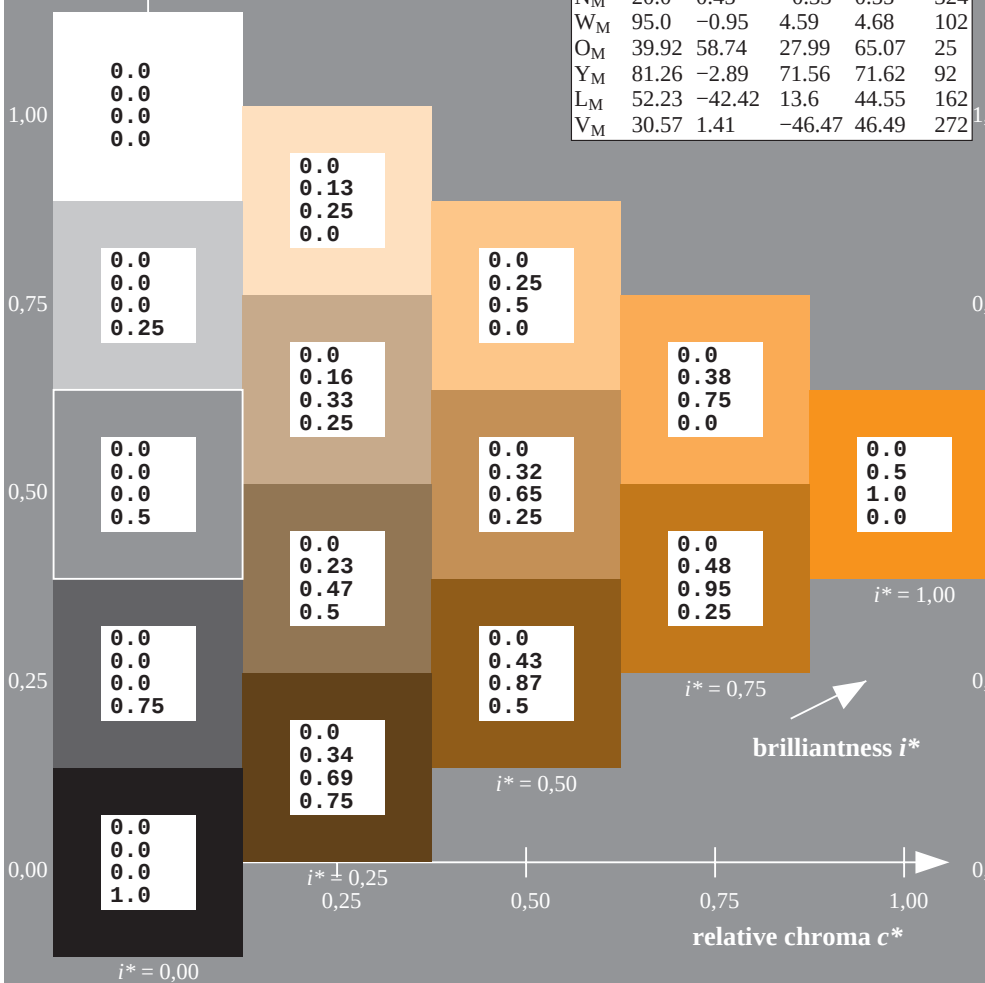
$u^*_{rel} = 87$

%Regularity

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

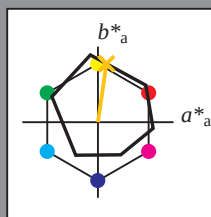
$g^*_{C,rel} = 59$

ORS18_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 ORS18_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^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.268$

data for any colour:

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

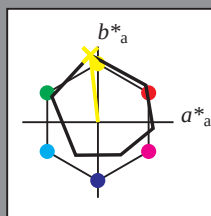
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

$u^*_{rel} = 87$

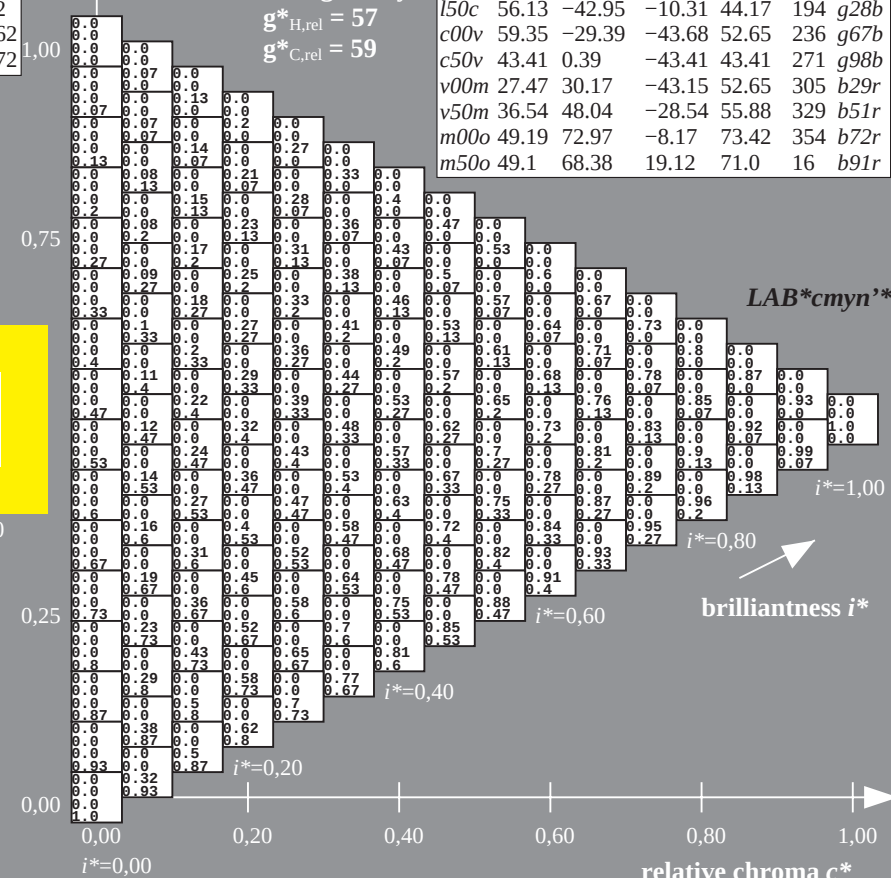
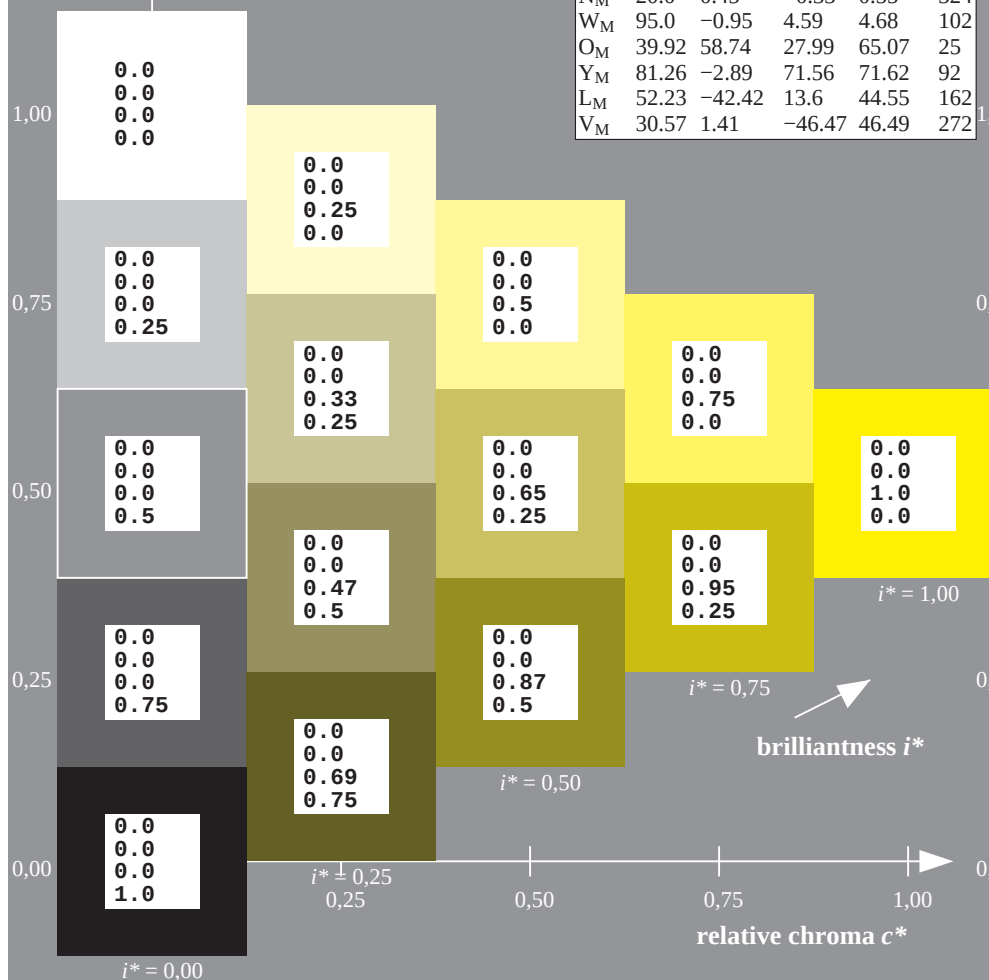
%Regularity

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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:

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

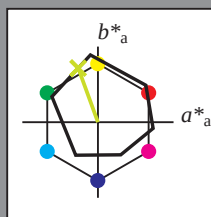
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:

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

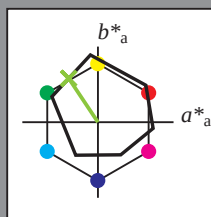
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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	$b91r$			

$LAB^*cmy^n^*$

brilliantness i^*

$i^*=1.00$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:

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

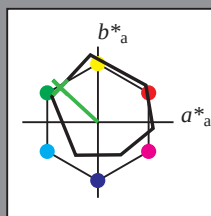
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.419$

data for any colour:

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

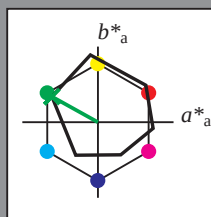
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$

data for any colour:

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

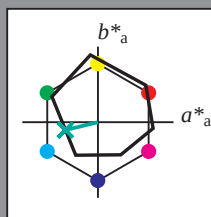
Hue texts:

$u^*_d = l50c$ $u^*_e = g28b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.656$

data for any colour:

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

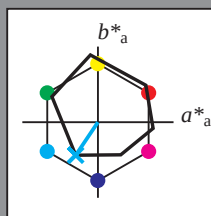
Hue texts:

$u_d^* = c00v$ $u_e^* = g67b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.751$

data for any colour:

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

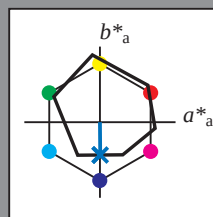
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

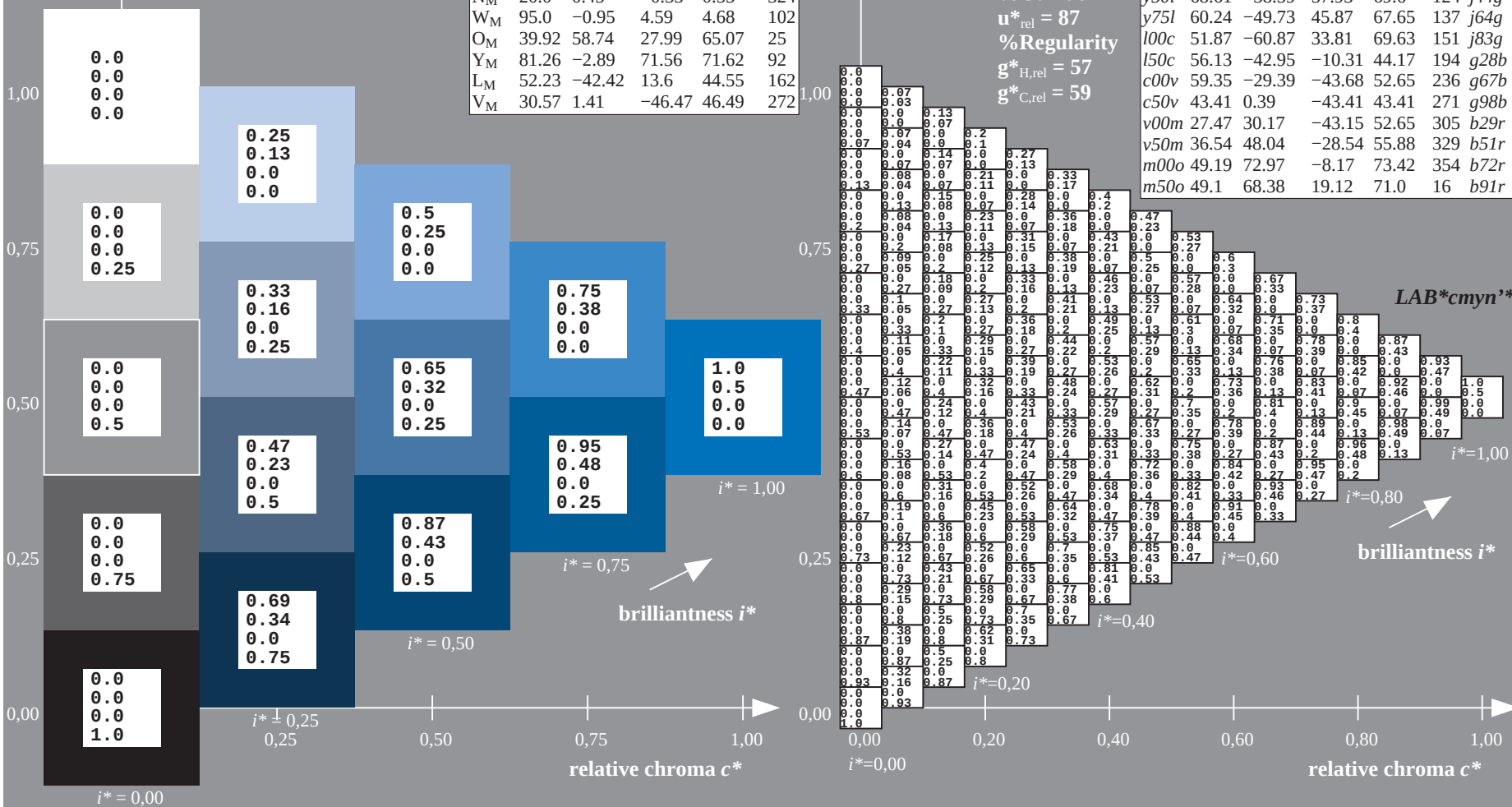
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.847$

data for any colour:

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

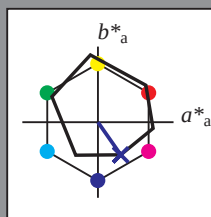
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.915$

data for any colour:

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

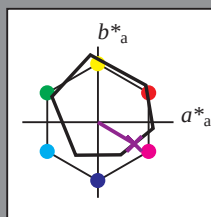
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 37 48 -29

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

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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			

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

$i^* = 1.00$

brilliantness i^*

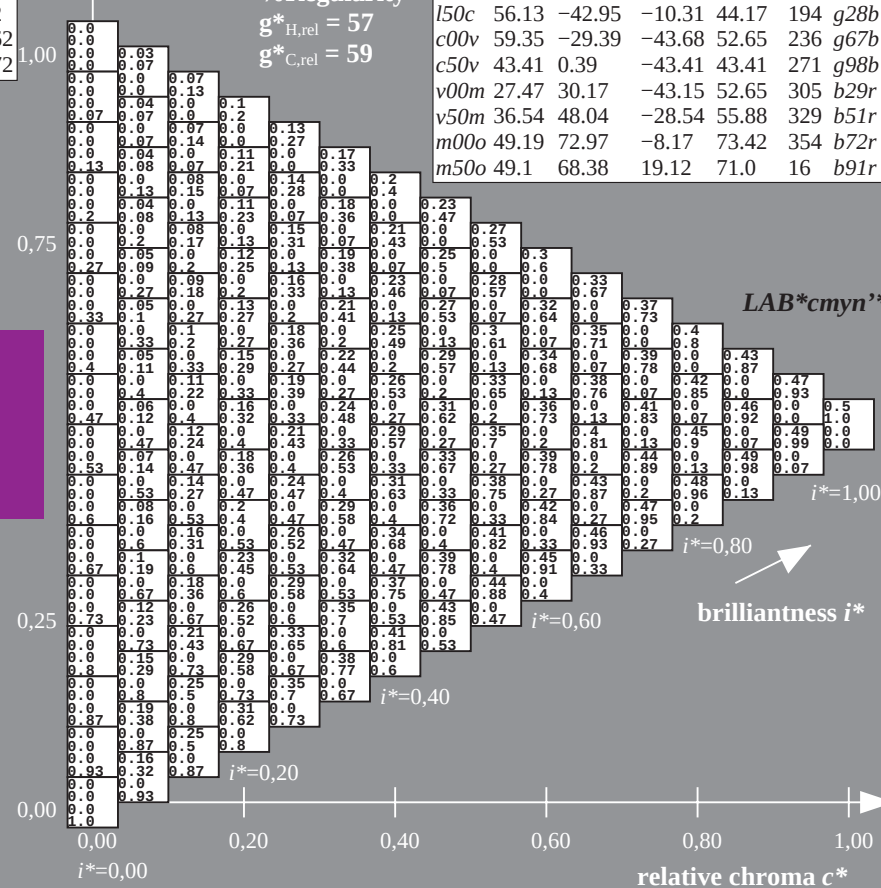
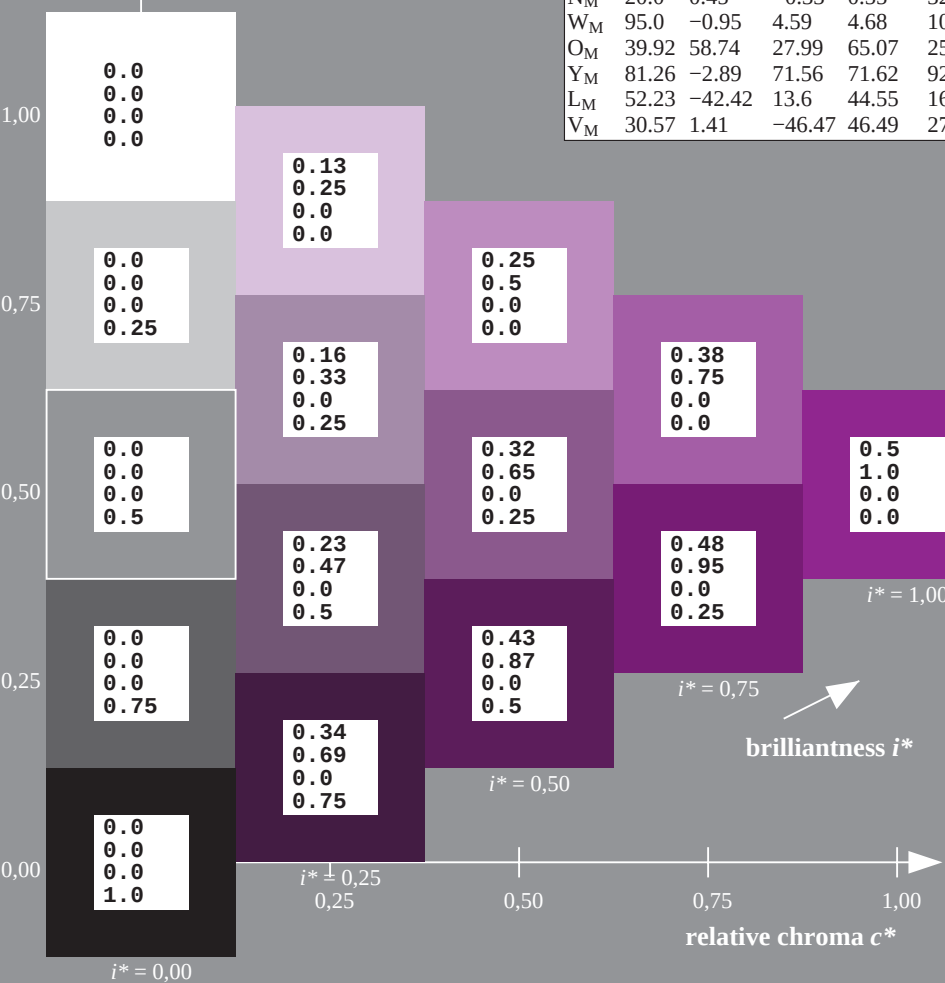
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.982$

data for any colour:

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

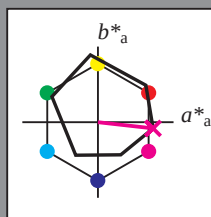
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

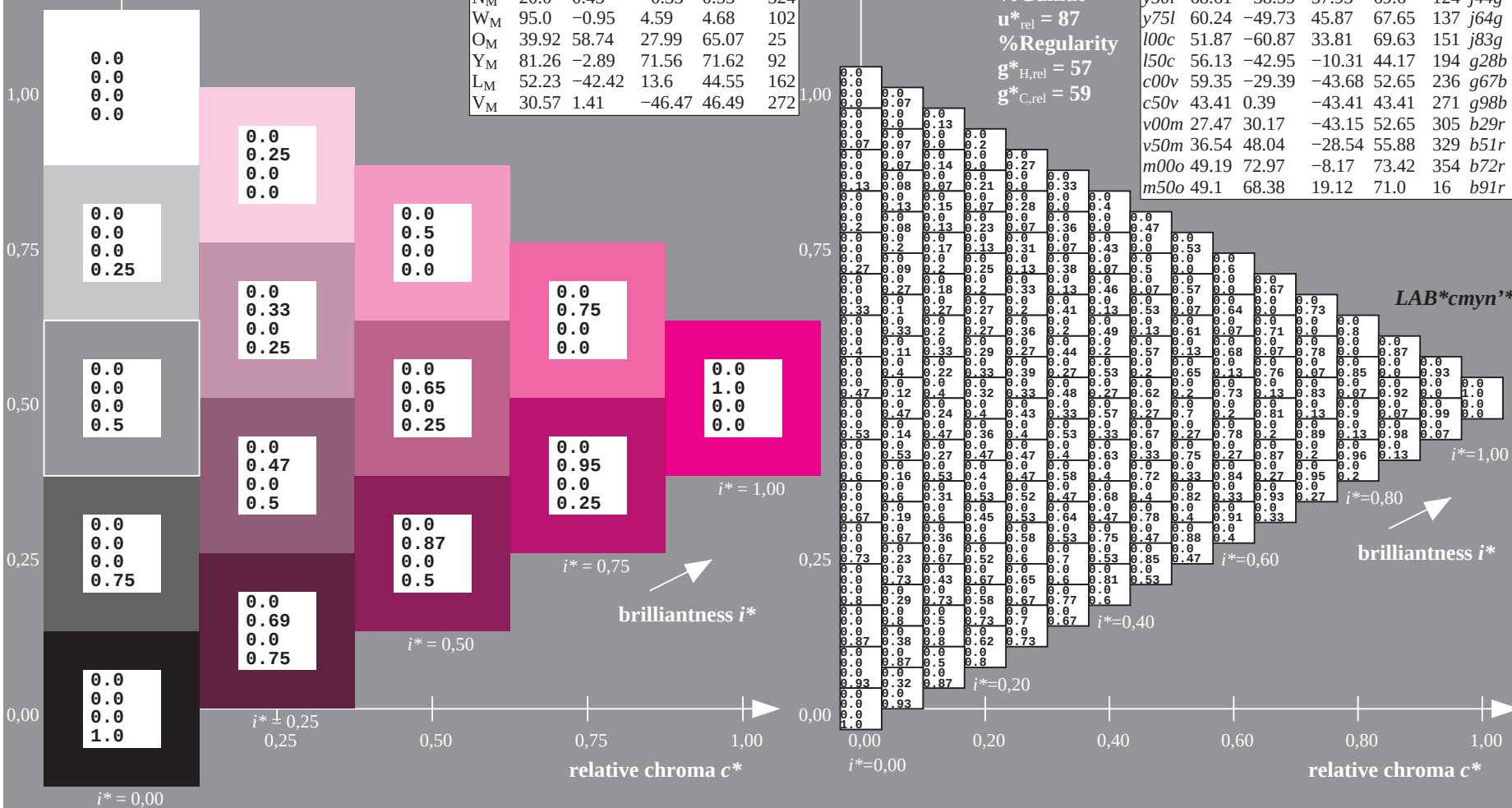
$u^*_{rel} = 87$

%Regularity

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

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

ORS18_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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.043$

data for any colour:

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

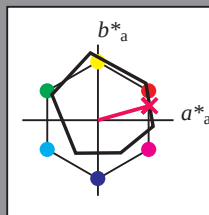
Hue texts:

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

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS18_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

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

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

ORS18_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^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

[illegible]