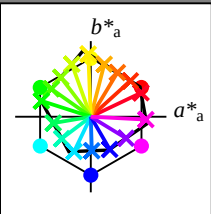


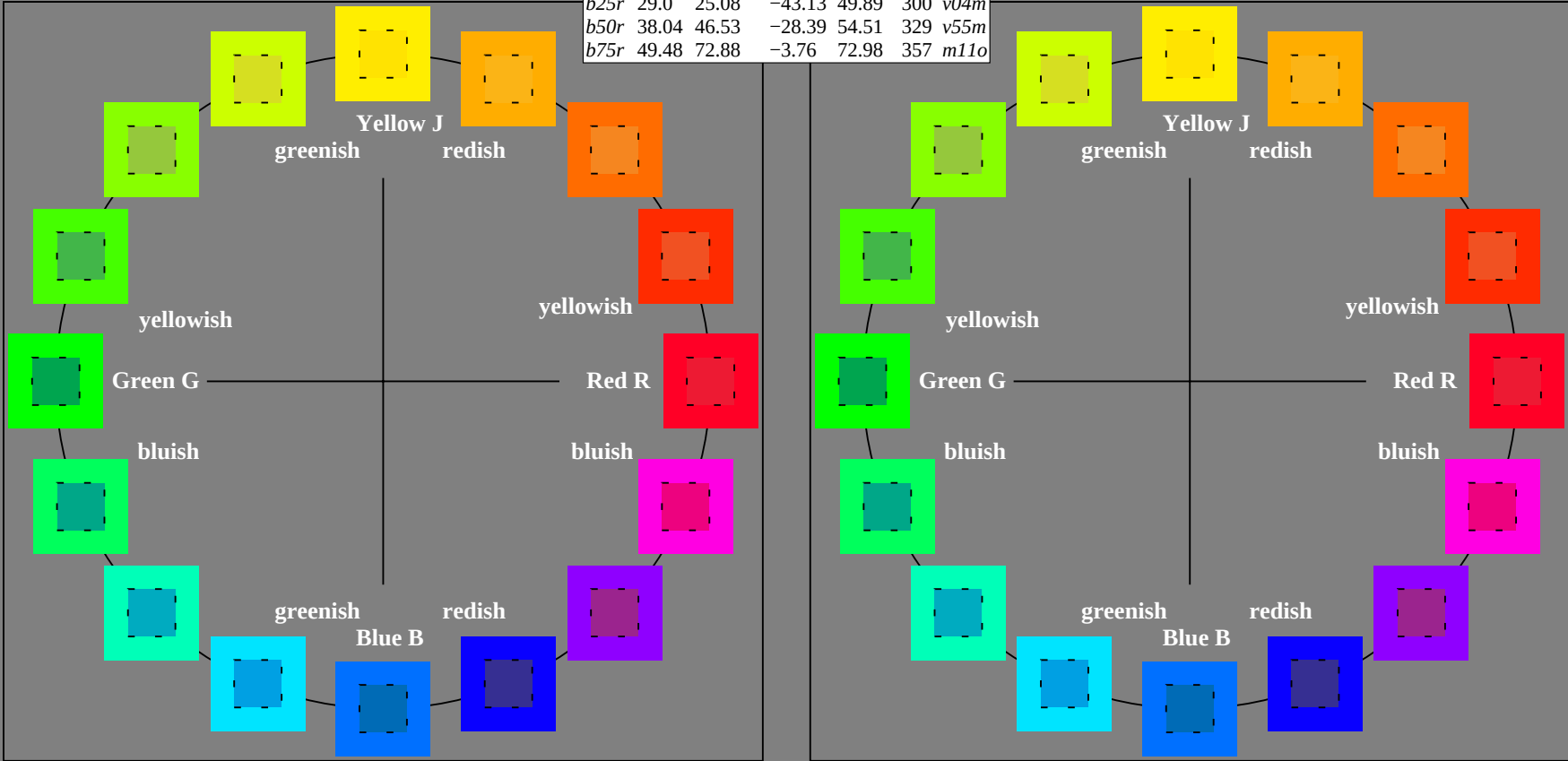
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u_e^* and number $no.$ = 00 .. 15
elementary hue text:
 $u_e^* = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$



%Gamut
 $u_{rel}^* = 89$
%Regularity
 $g_{H,rel}^* = 72$
 $g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data					
Name	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$
data for any colour:

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

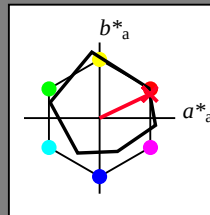
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

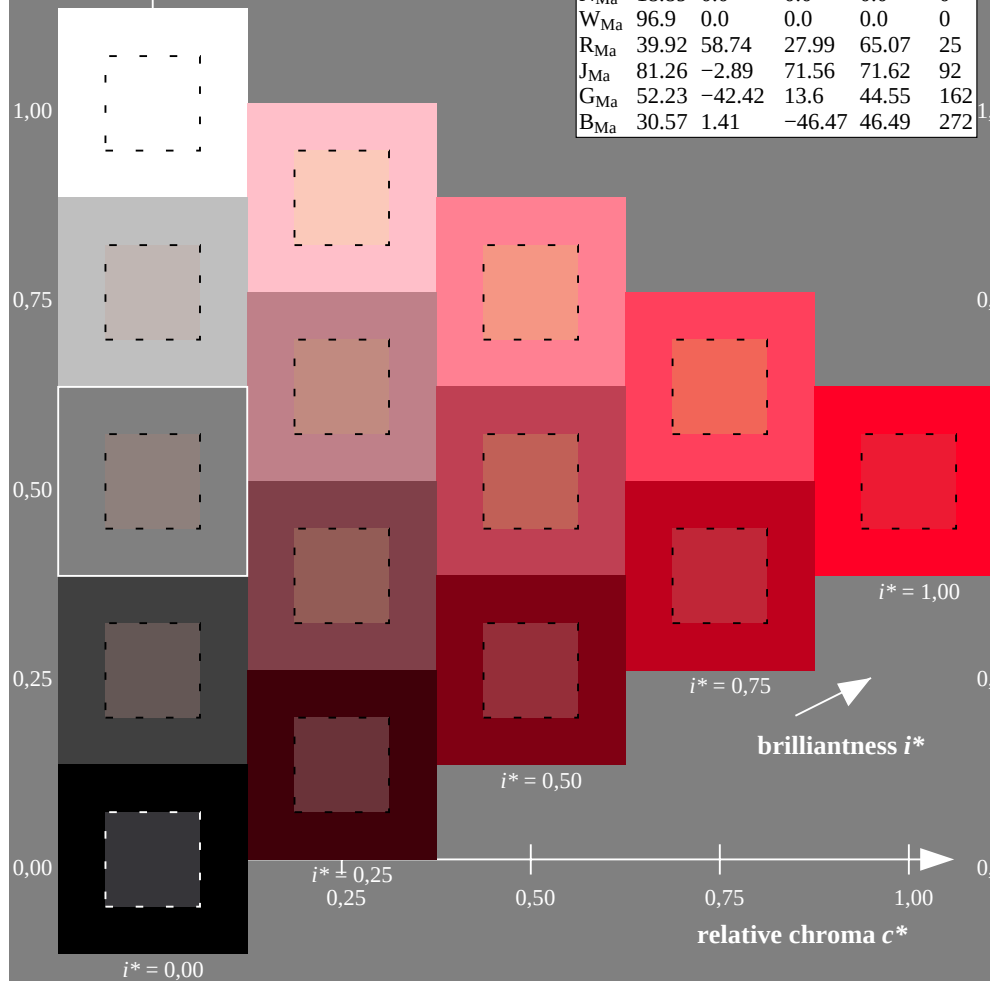
contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 66 32

$LAB^*LCH^*_{Ma}$: 49 74 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.15

triangle lightness t^*

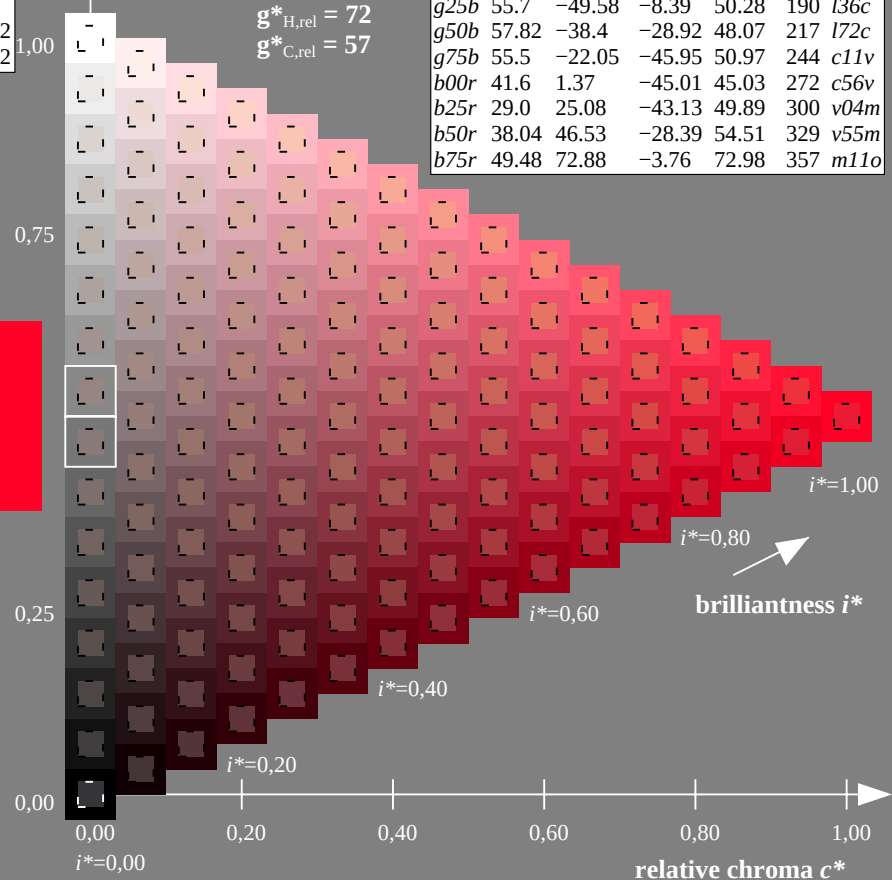
%Gamut

$u^*_{rel} = 89$

%Regularity

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

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



ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
 data for any colour:

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

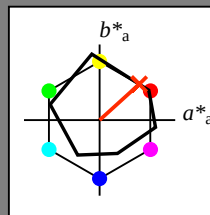
Hue texts:

$u^*_e = r25j$ $u^*_d = o17y$

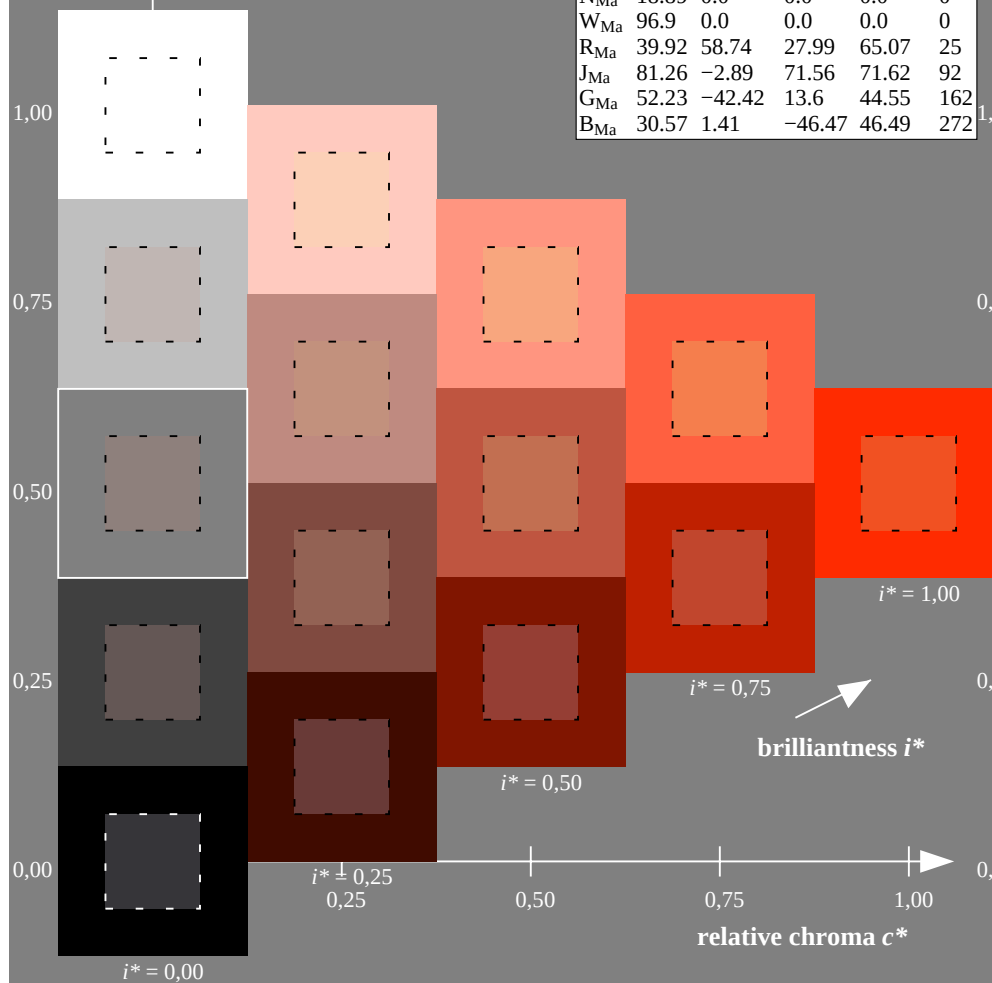
contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

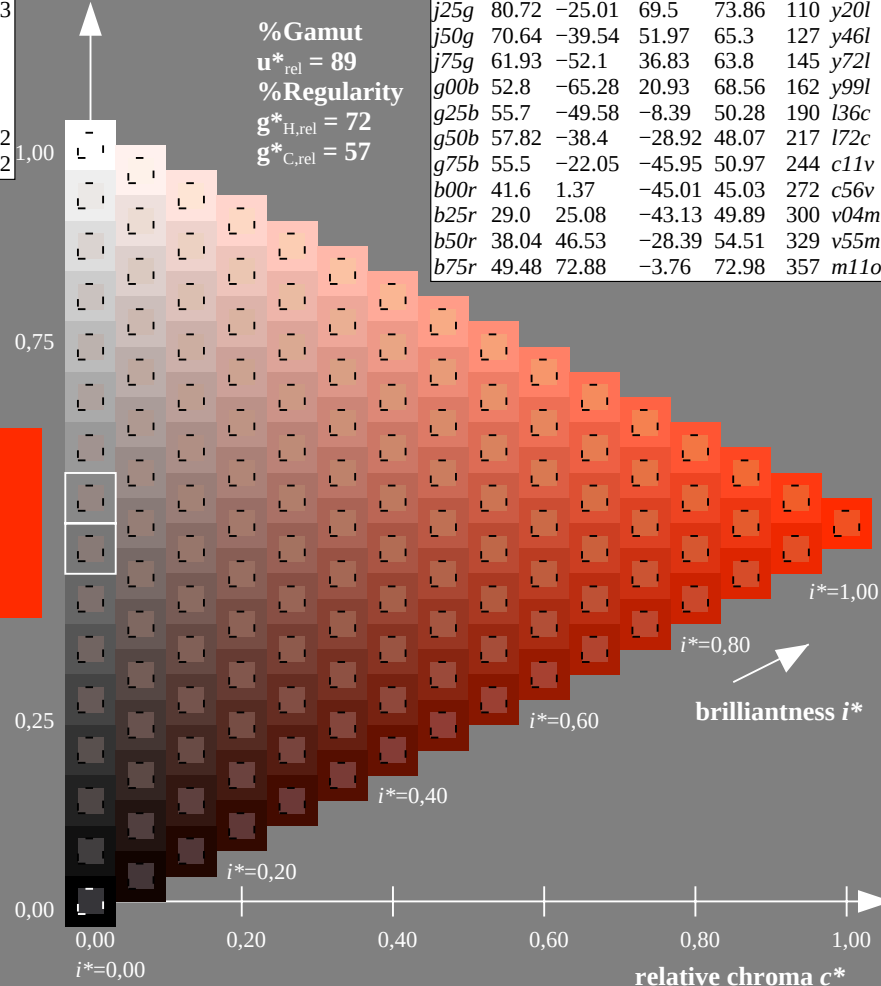
$LAB^*LAB^*_{Ma}$: 56 52 47

$LAB^*LCH^*_{Ma}$: 56 71 42

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

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

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$
data for any colour:

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

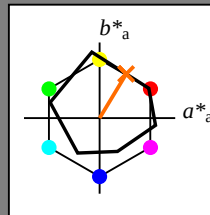
Hue texts:

$u^*_e = r50j$ $u^*_d = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 35 58

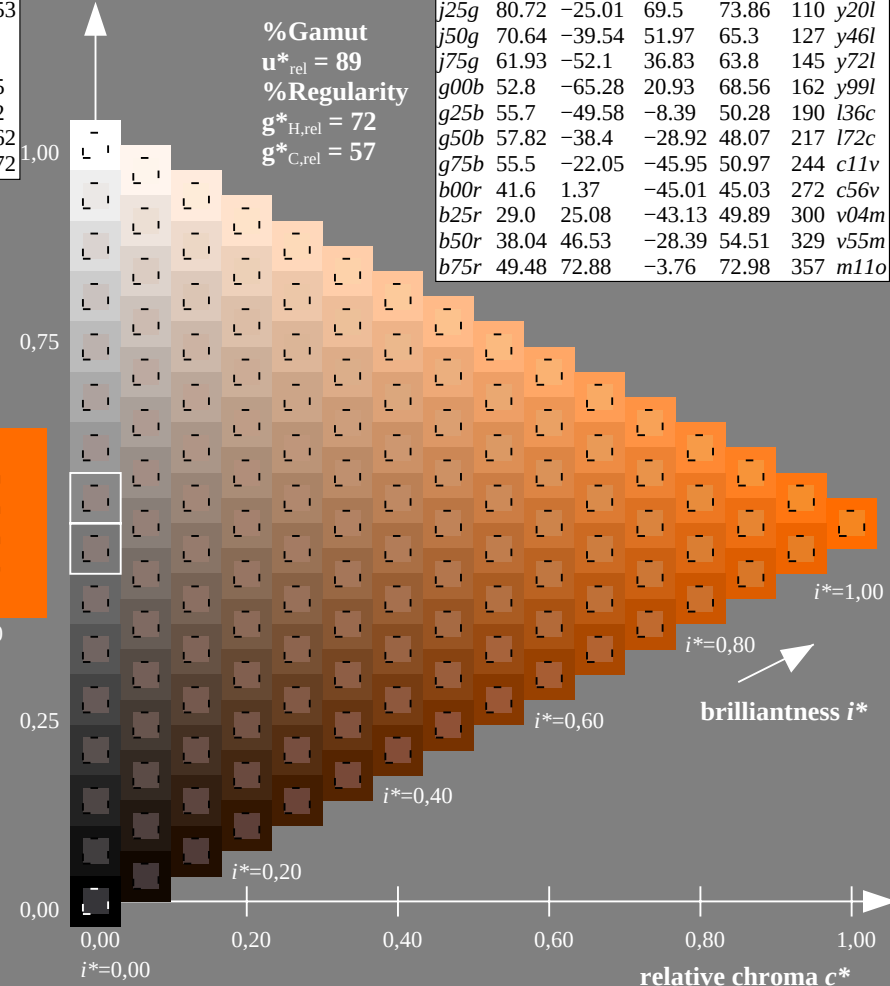
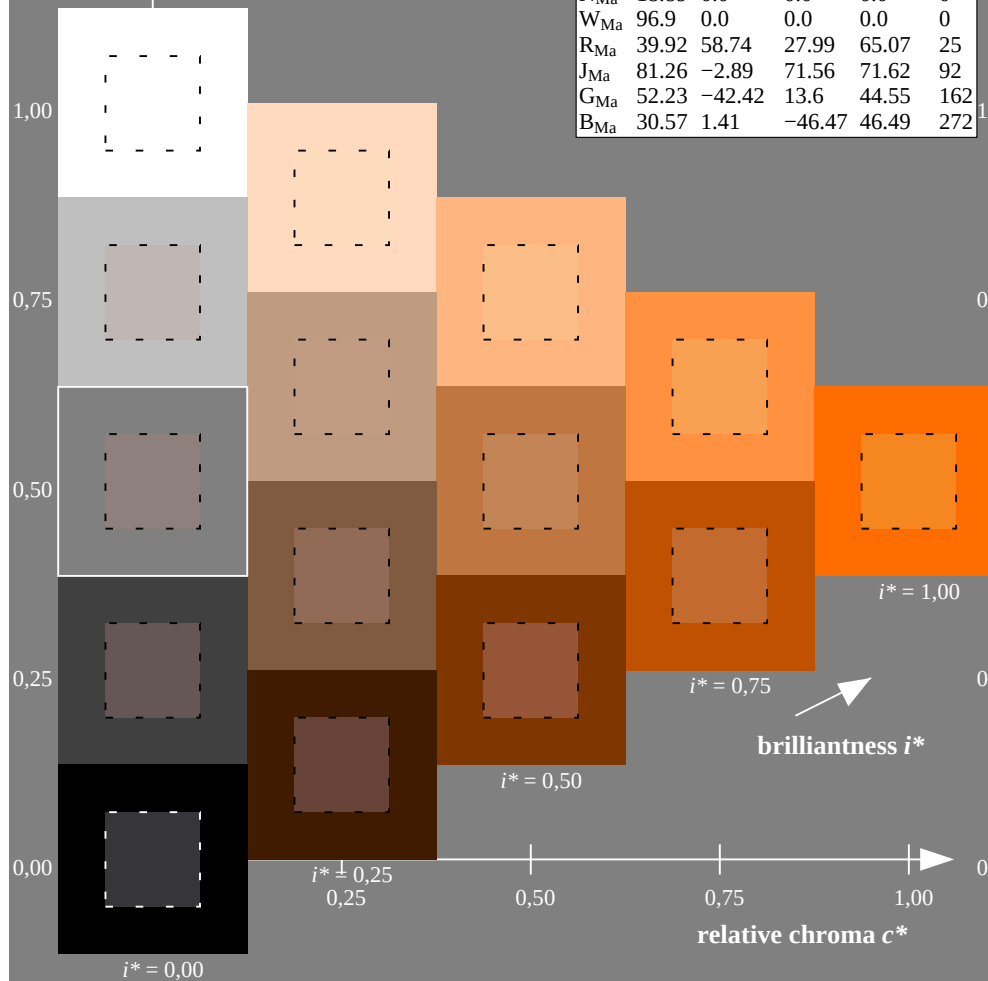
$LAB^*LCH^*_{Ma}$: 65 68 58

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

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

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
data for any colour:

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

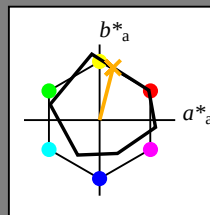
Hue texts:

$u^*_e = r75j$ $u^*_d = o67y$

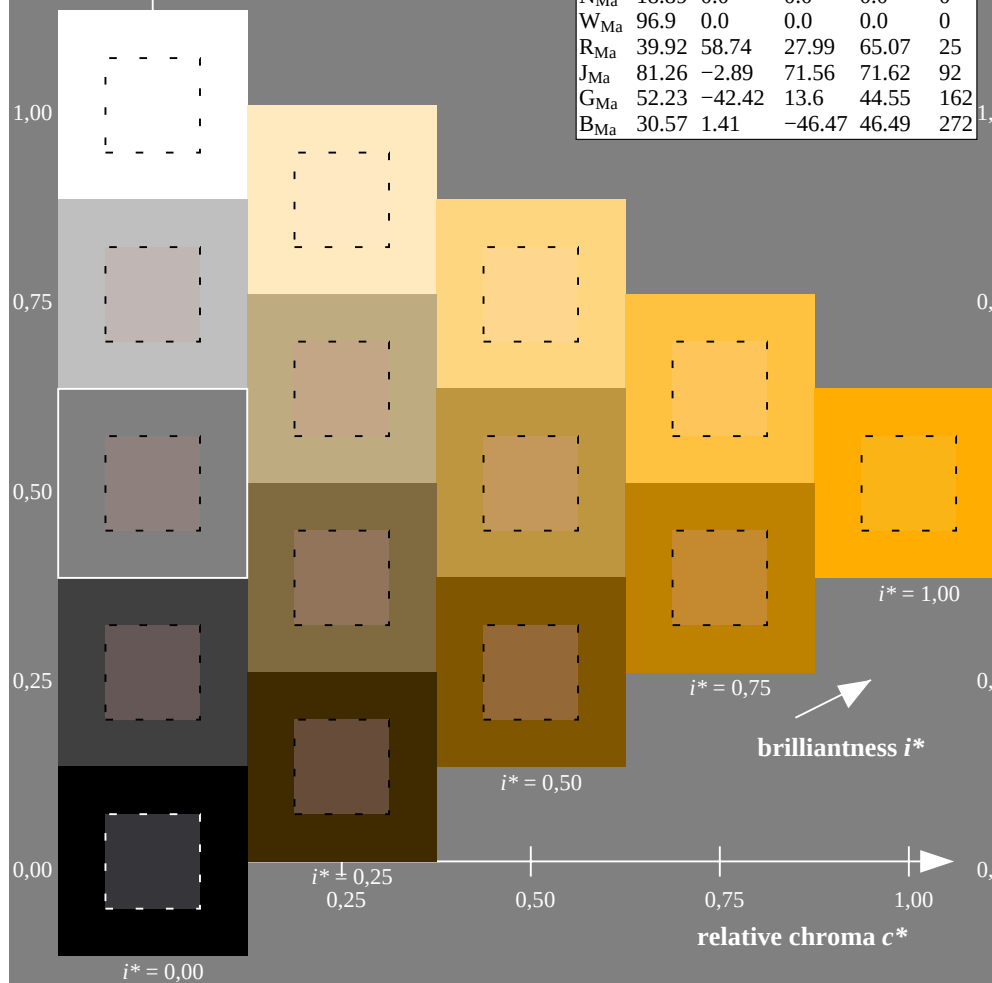
contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

$LAB^*LCH^*_{Ma}$: 75 72 75

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

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

triangle lightness t^*

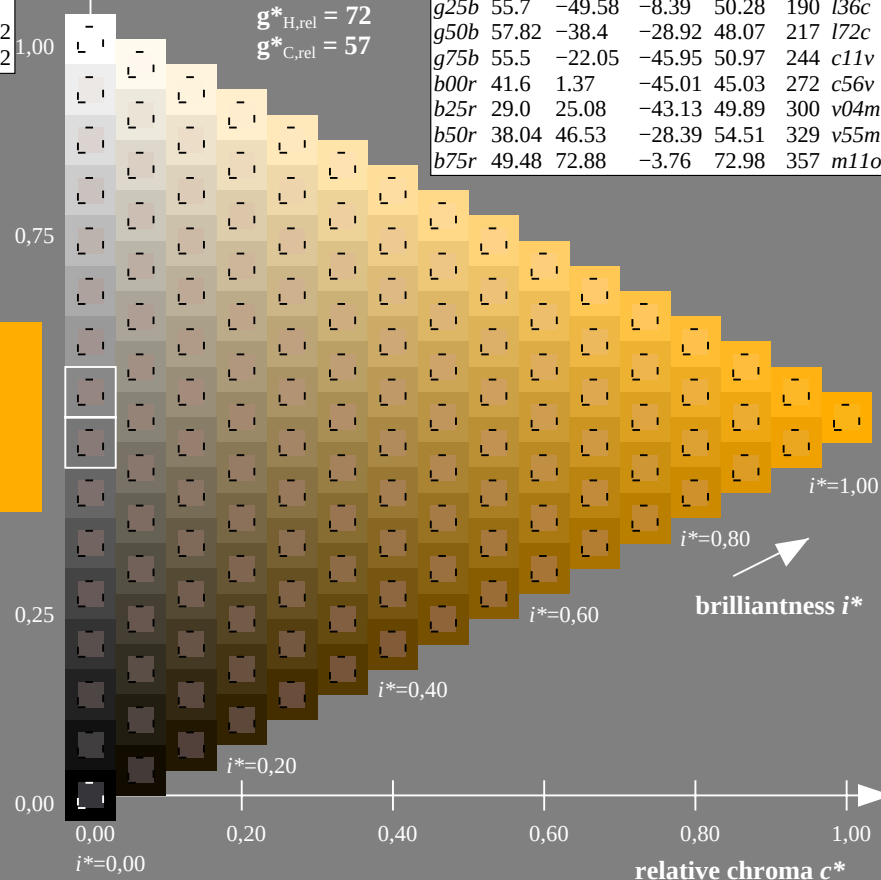
%Gamut

$u^*_{rel} = 89$

%Regularity

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

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



ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$
data for any colour:

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

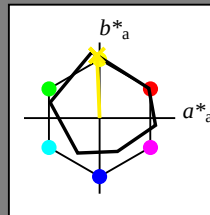
Hue texts:

$u^*_e = j00g$ $u^*_d = o92y$

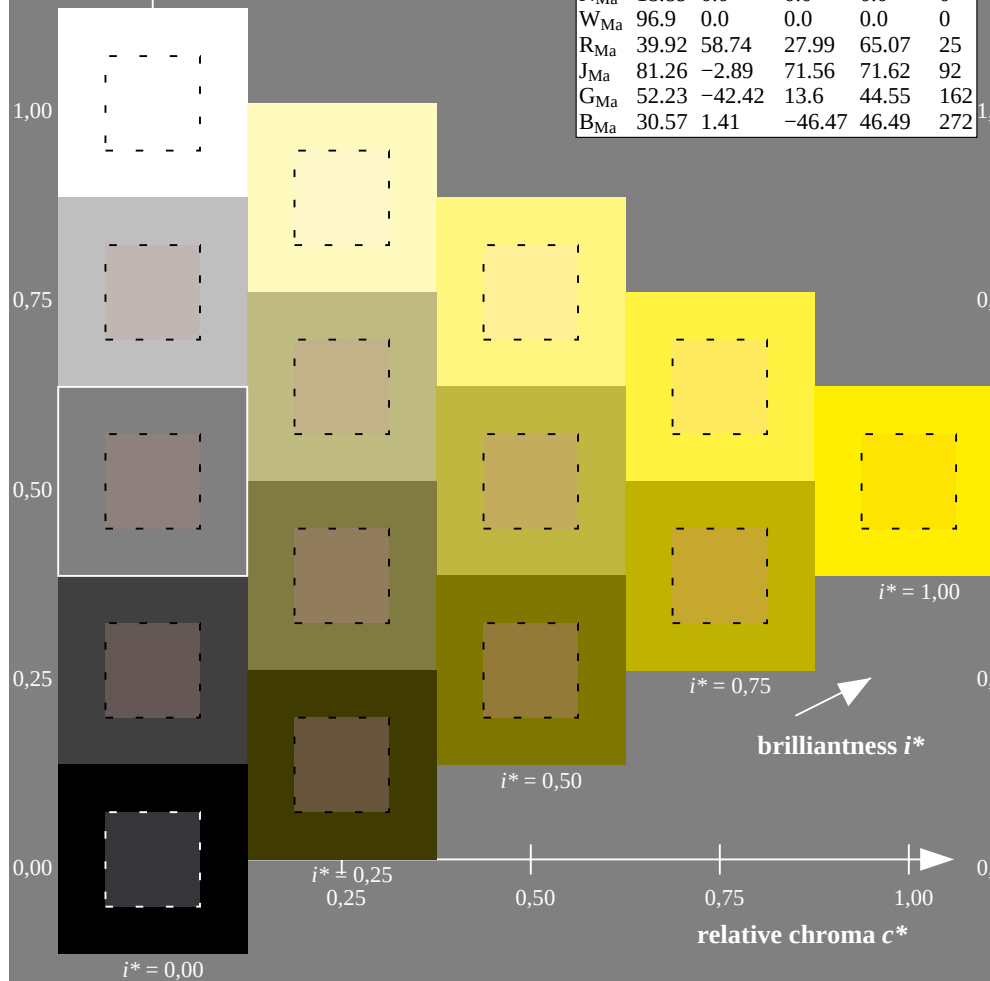
contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -3 83

$LAB^*LCH^*_{Ma}$: 87 83 92

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

$lab^*olv^*_{Ma}$: 1.0 0.93 0.0

triangle lightness t^*

% Gamut

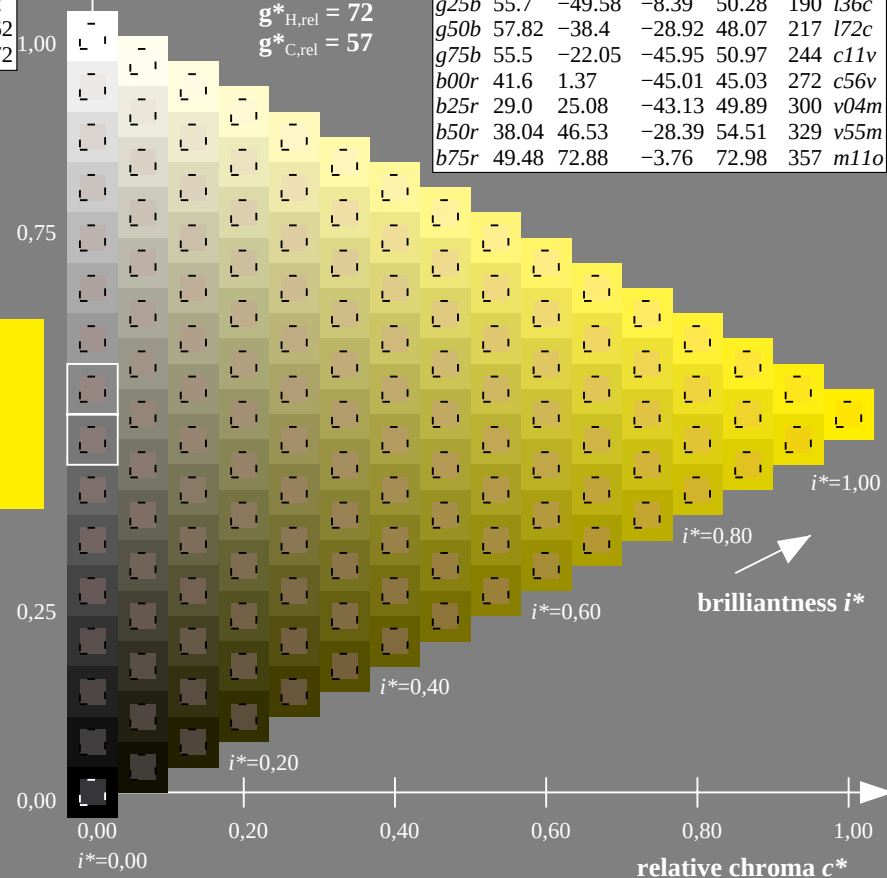
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

$u^*_e = j25g$

data for any colour:

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

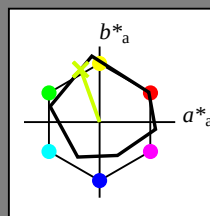
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

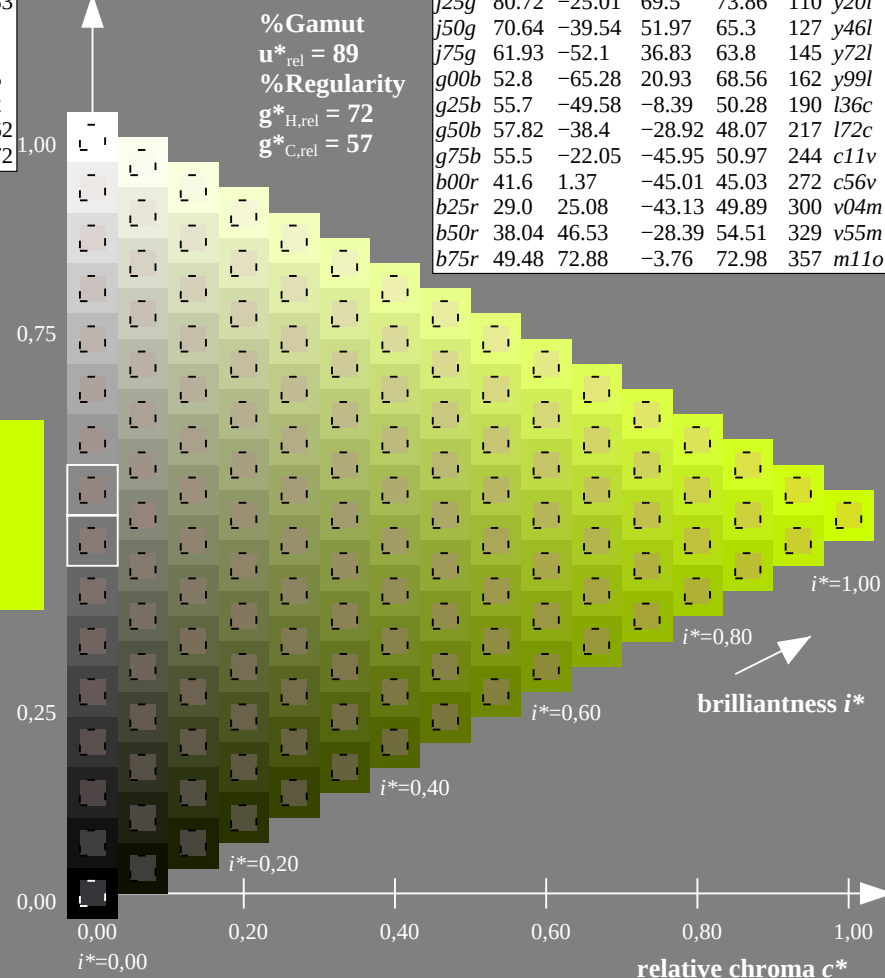
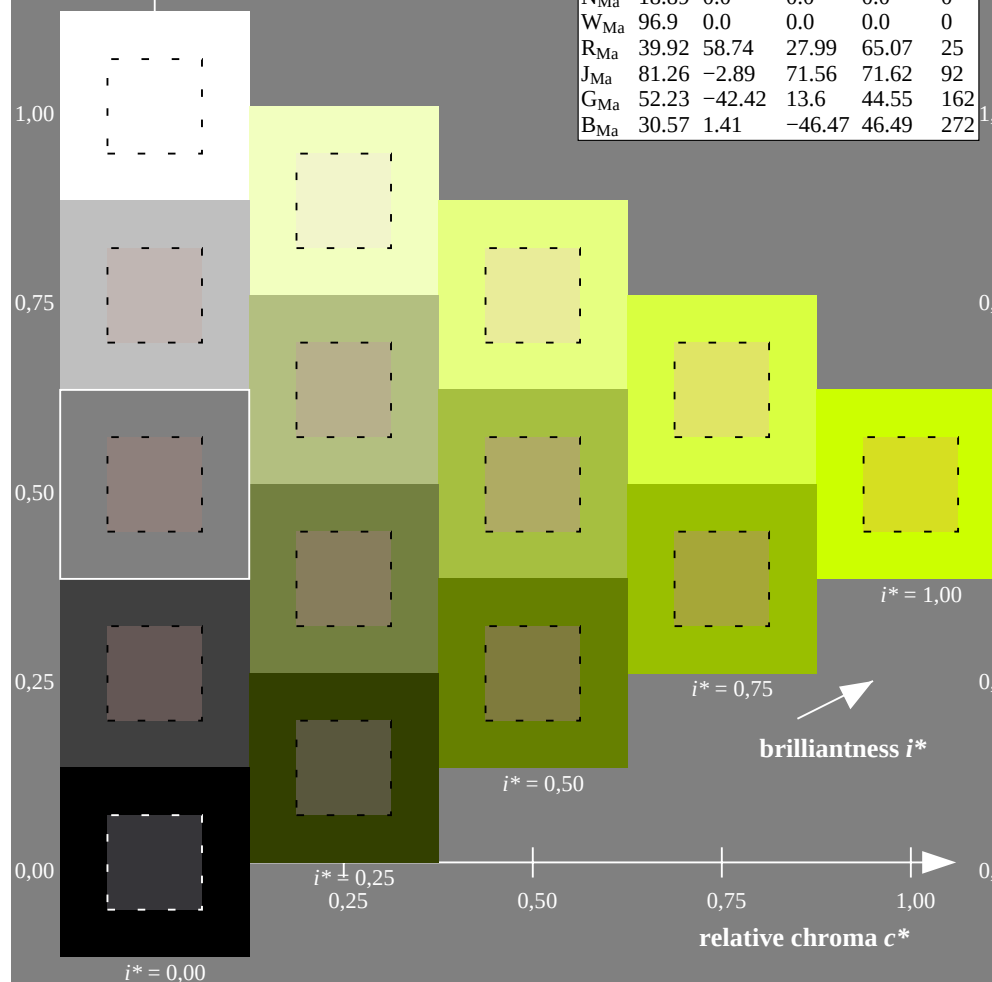
$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$
data for any colour:

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

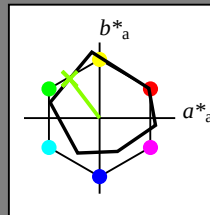
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -40 52

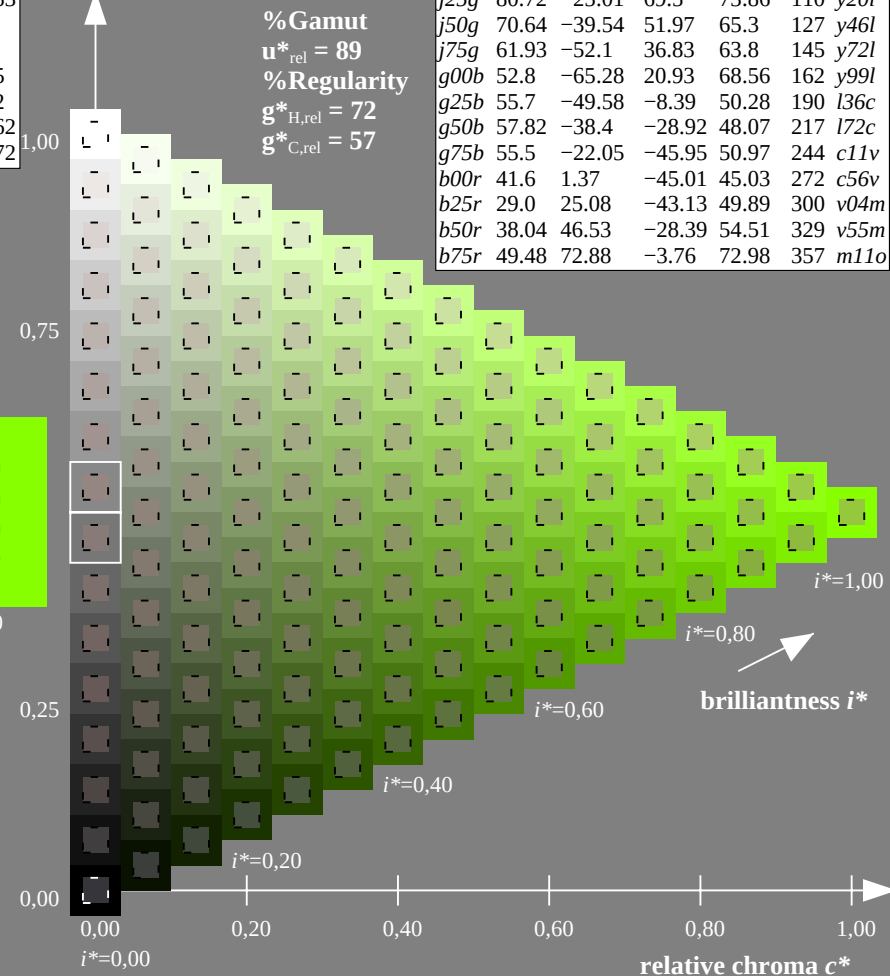
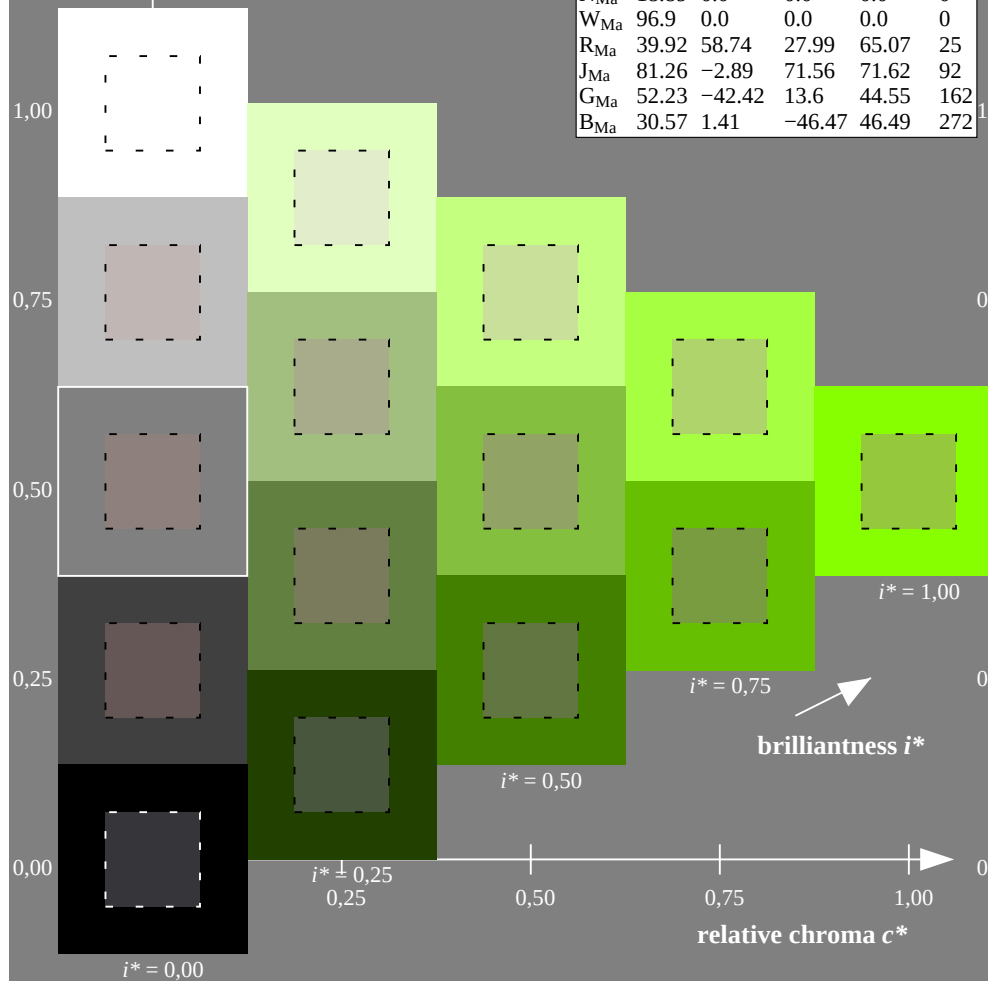
$LAB^*LCH^*_{Ma}$: 71 65 127

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

$lab^*olv^*_{Ma}$: 0.54 1.0 0.0

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

$u^*_e = j75g$

data for any colour:

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

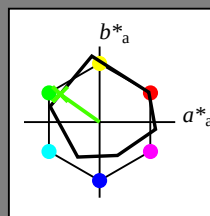
Hue texts:

$u^*_e = j75g$ $u^*_d = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -52 37

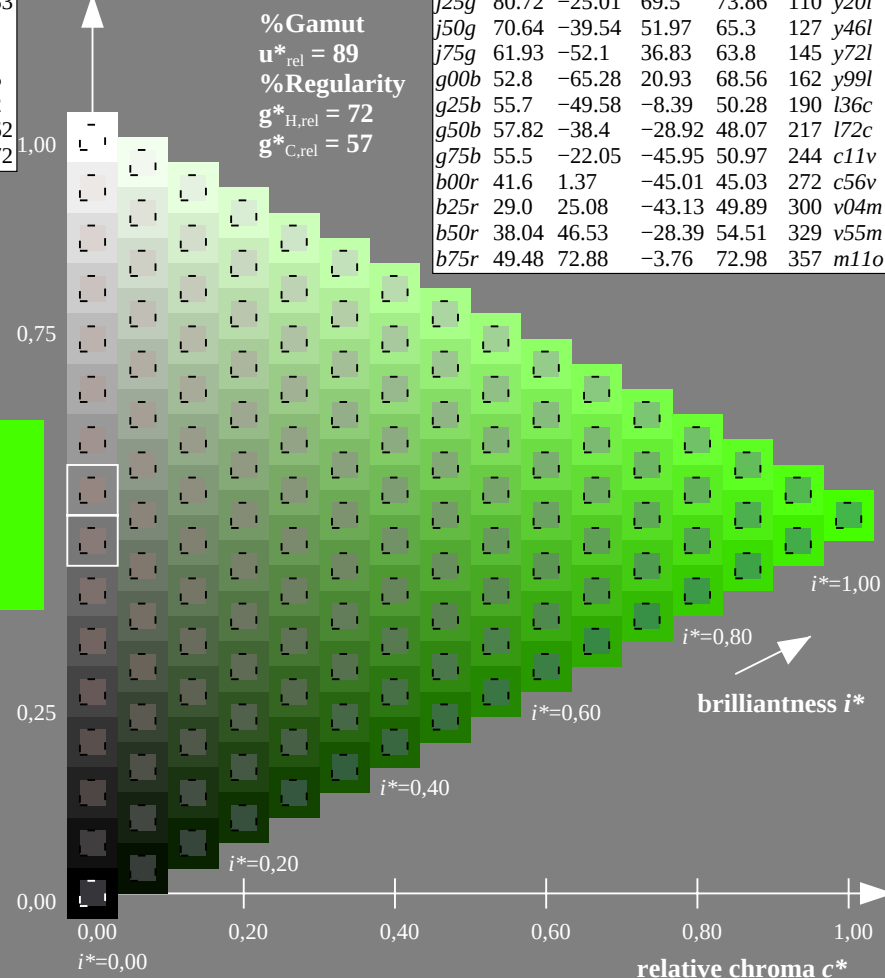
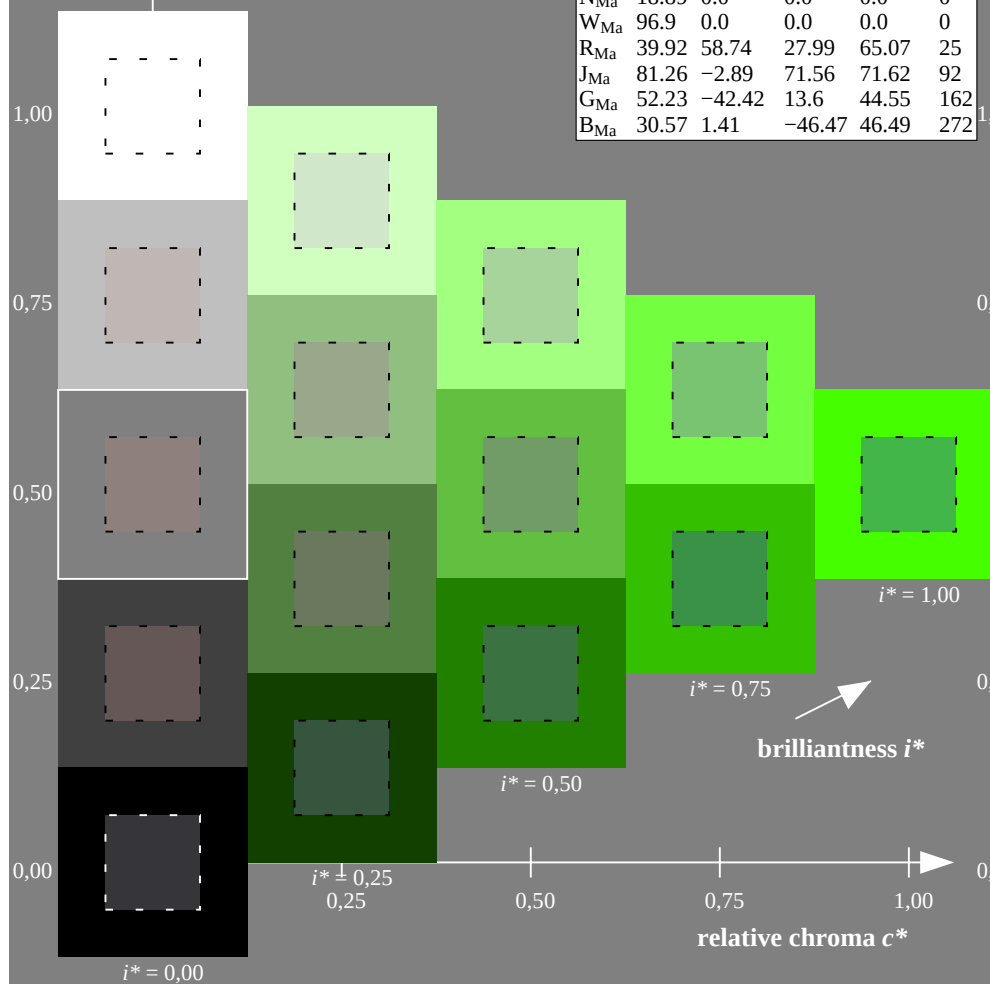
$LAB^*LCH^*_{Ma}$: 62 64 144

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

$lab^*olv^*_{Ma}$: 0.27 1.0 0.0

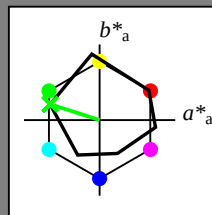
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

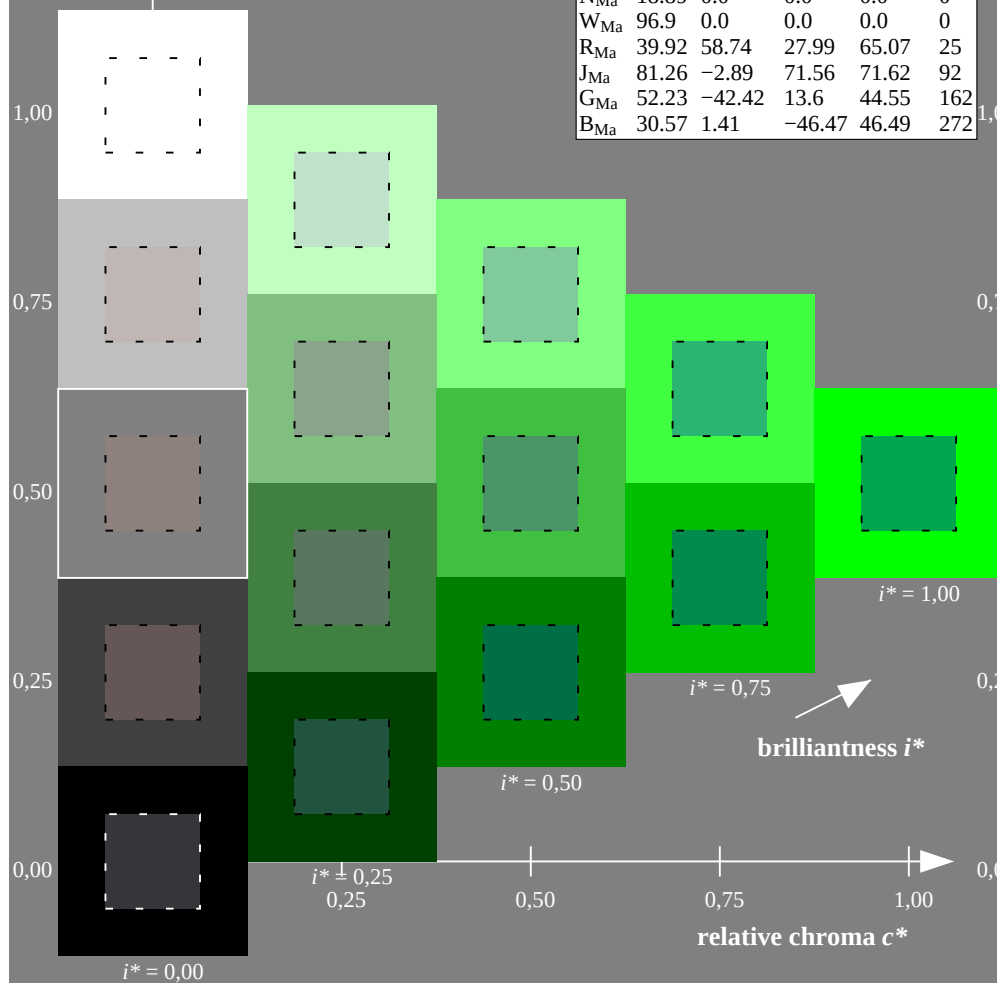


Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
 data for any colour:

lab^*tch^* and lab^*icu^*
 Hue texts:
 $u^*_e = g00b$ $u^*_d = y99l$
 contrast reduction factor:
 $c_R = 1.0$
 triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

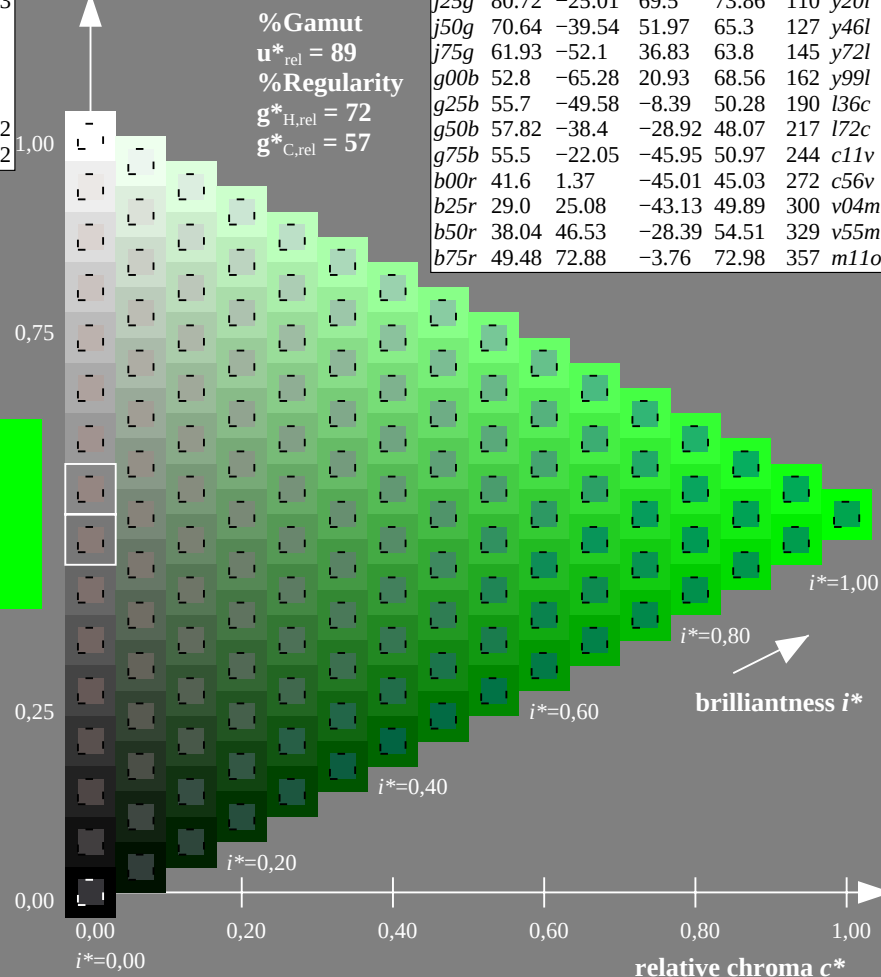
$LAB^*LAB^*_{Ma}$: 53 -65 21

$LAB^*LCH^*_{Ma}$: 53 69 162

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

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

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

$u^*_e = g25b$

data for any colour:

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

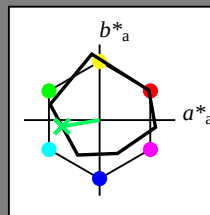
Hue texts:

$u^*_e = g25b$ $u^*_d = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -50 -8

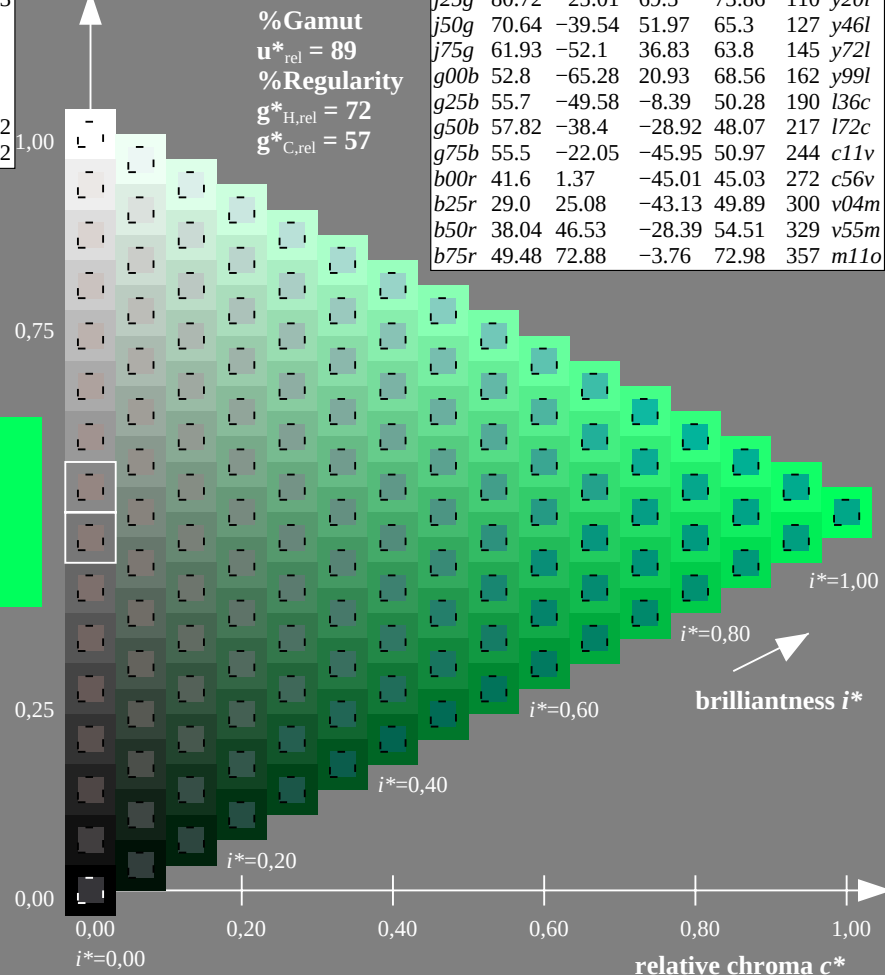
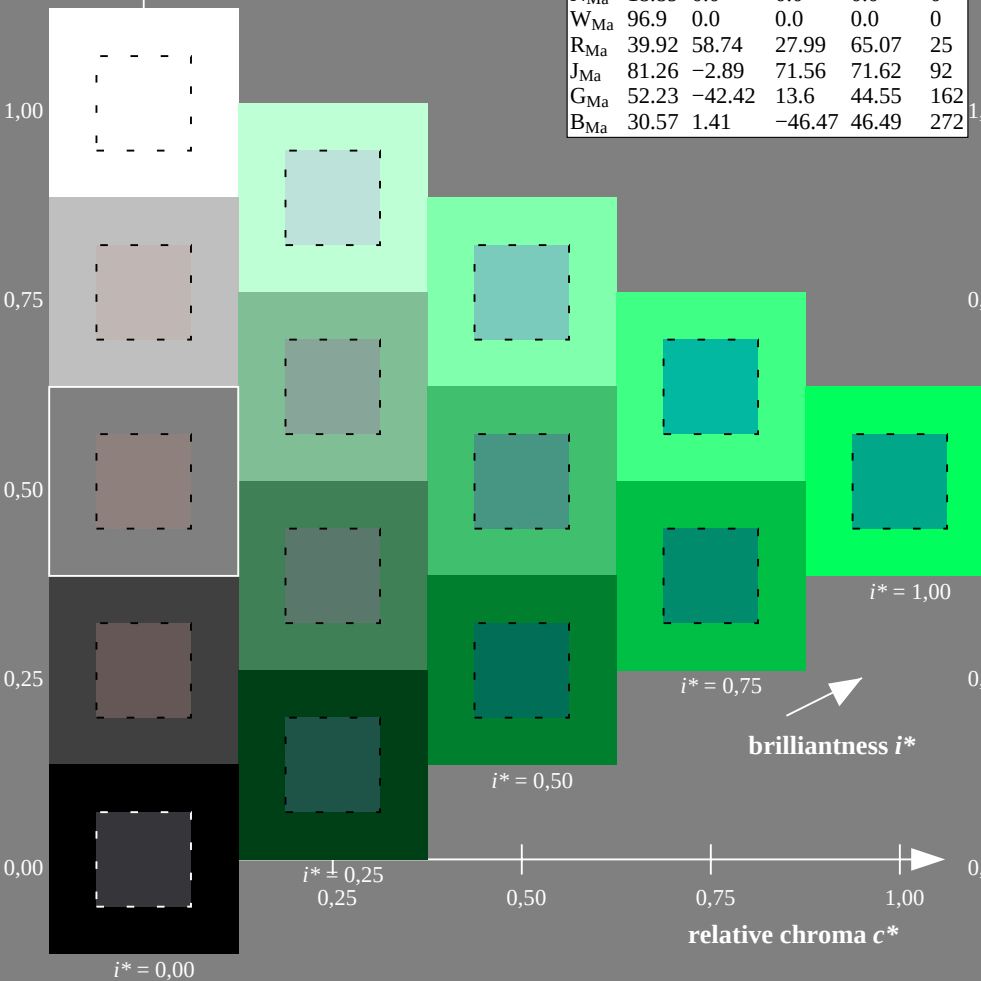
$LAB^*LCH^*_{Ma}$: 56 50 189

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

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

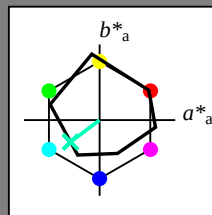
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

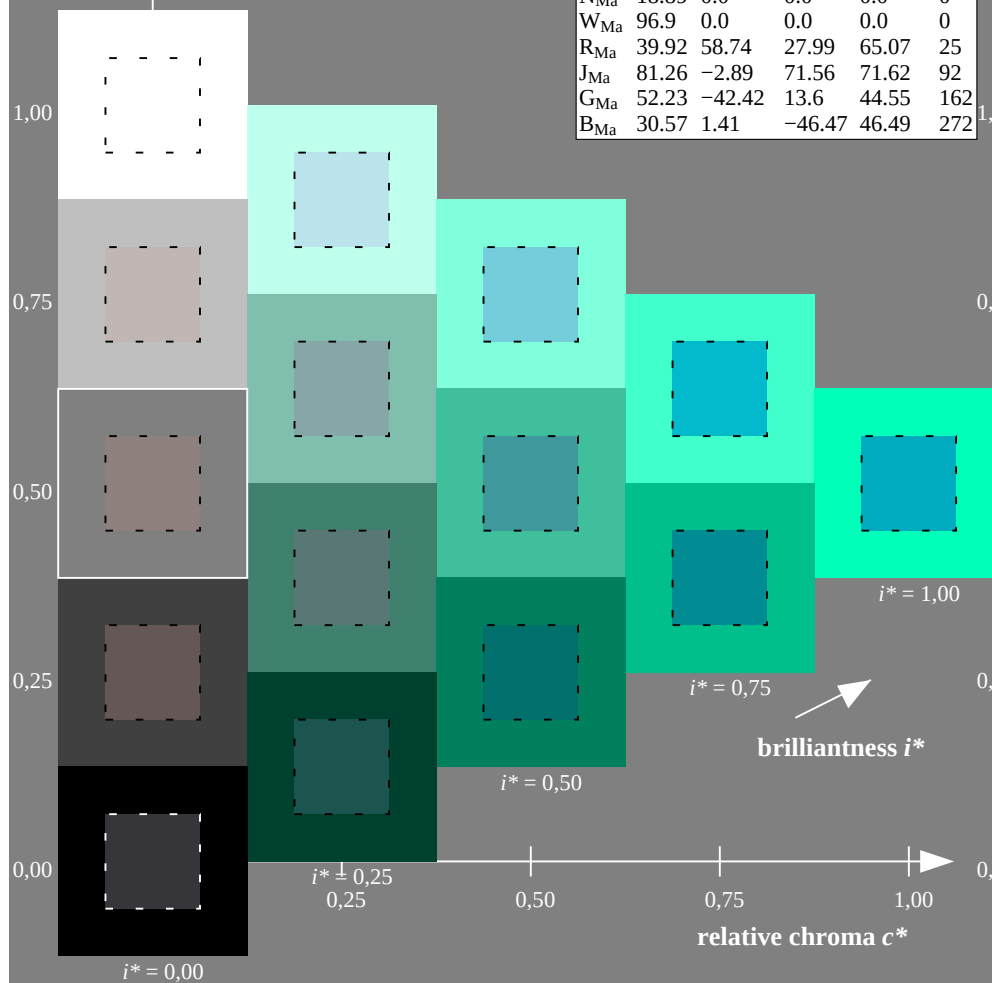


Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$
 data for any colour:

lab^*tch^* and lab^*icu^*
 Hue texts:
 $u^*_e = g50b$ $u^*_d = l72c$
 contrast reduction factor:
 $c_R = 1.0$
 triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -38 -29

$LAB^*LCH^*_{Ma}$: 58 48 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

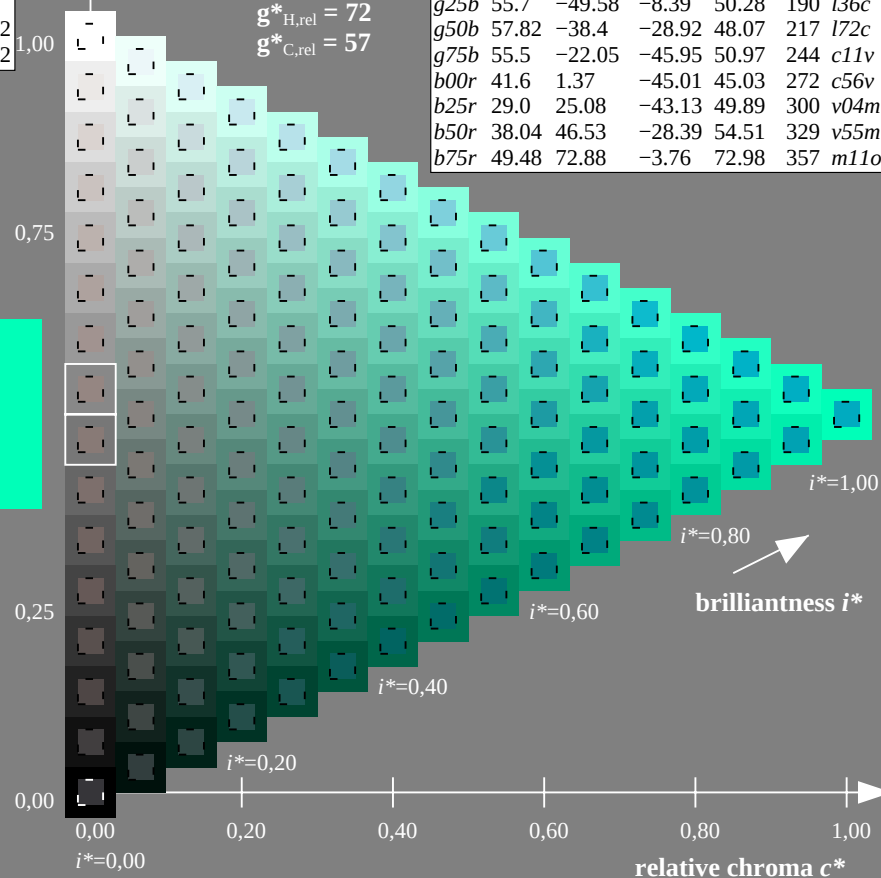
%Gamut

$u^*_{rel} = 89$

%Regularity

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

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



ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

$u^*_e = g75b$

data for any colour:

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

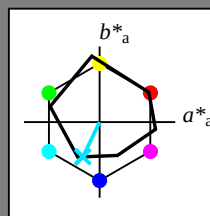
Hue texts:

$u^*_e = g75b$ $u^*_d = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -22 -46

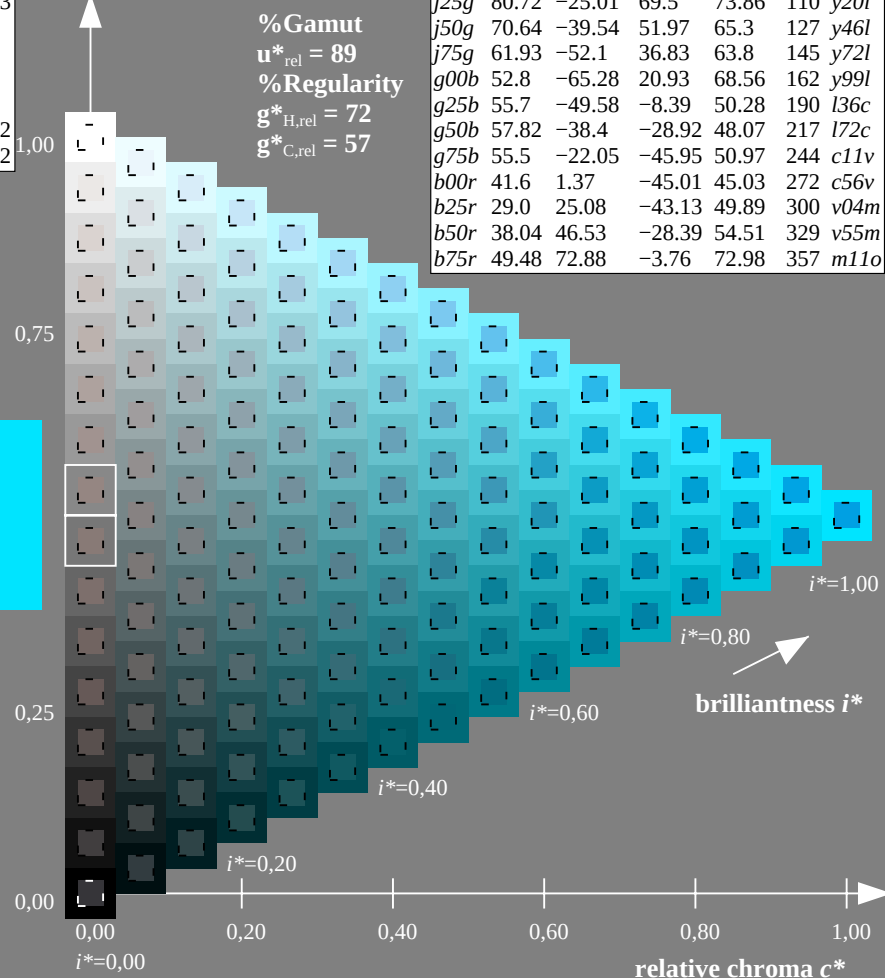
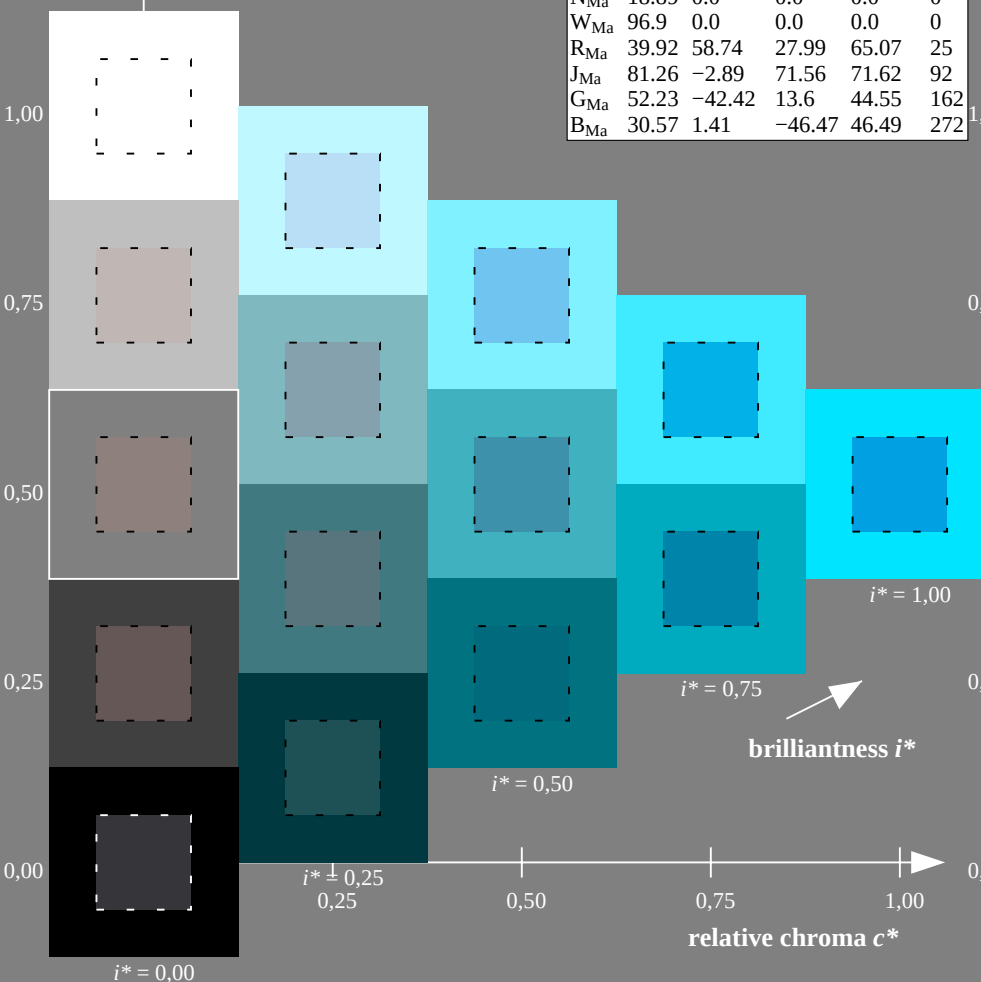
$LAB^*LCH^*_{Ma}$: 55 51 244

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

$lab^*olv^*_{Ma}$: 0.0 0.89 1.0

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$u^*_e = b00r$

data for any colour:

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

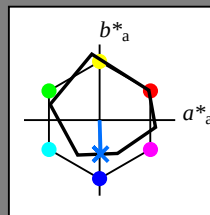
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

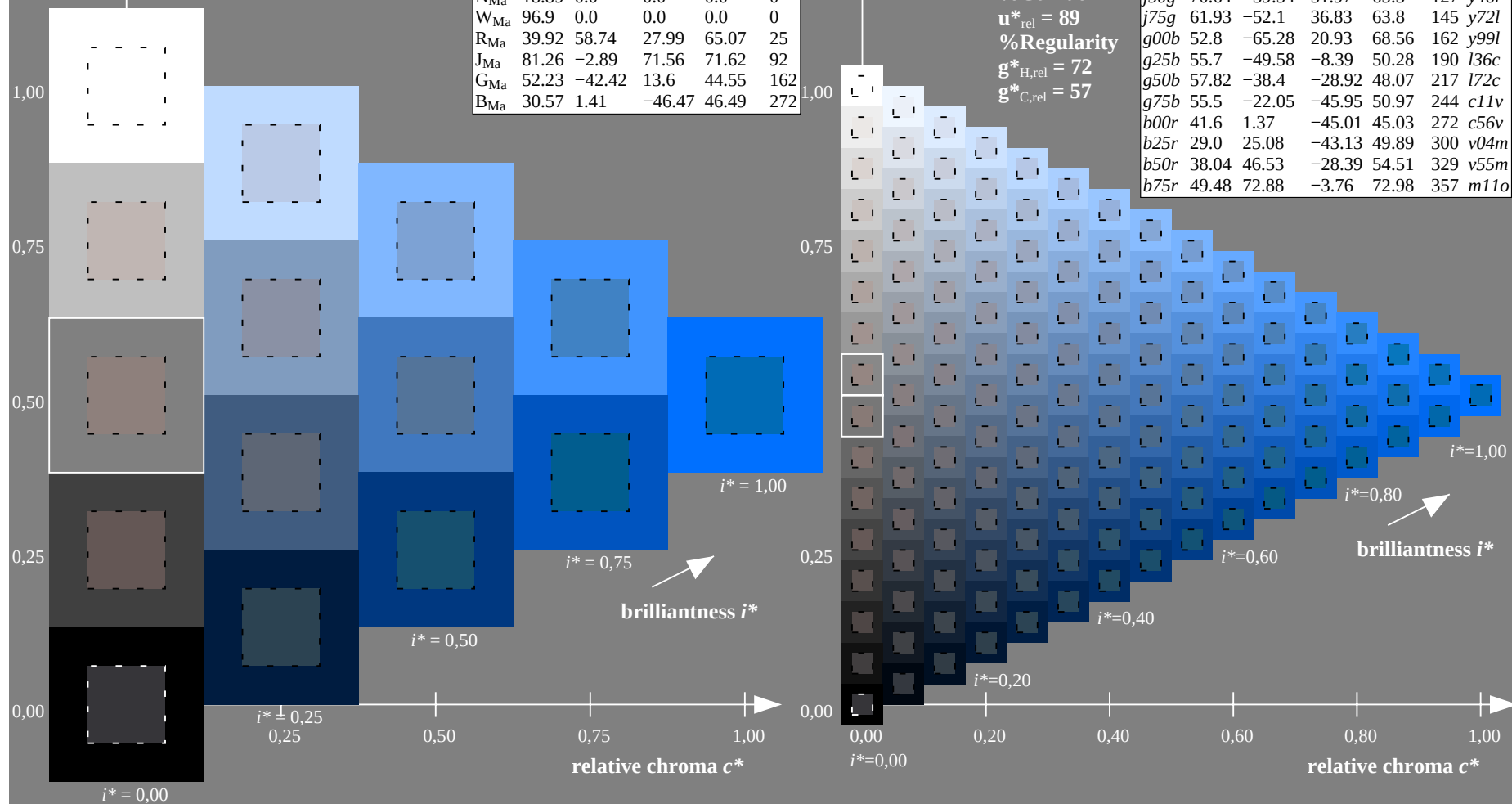
$LAB^*LCH^*_{Ma}$: 42 45 271

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

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$
data for any colour:

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

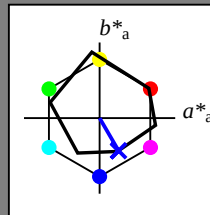
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 25 -43

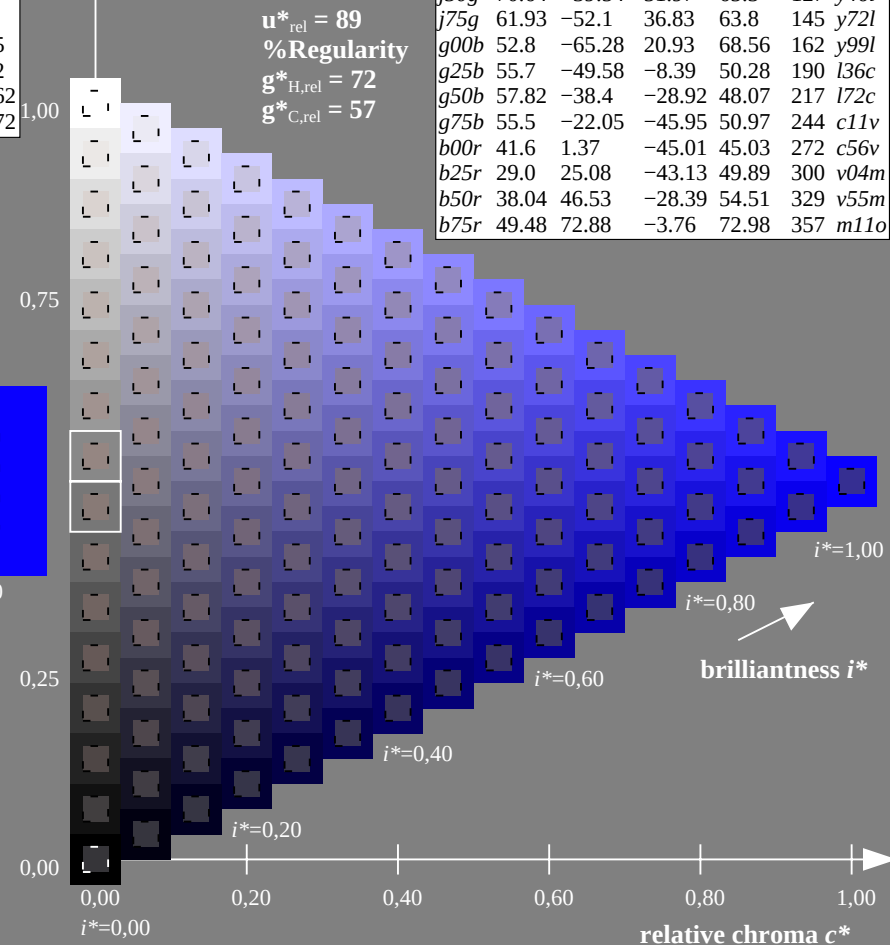
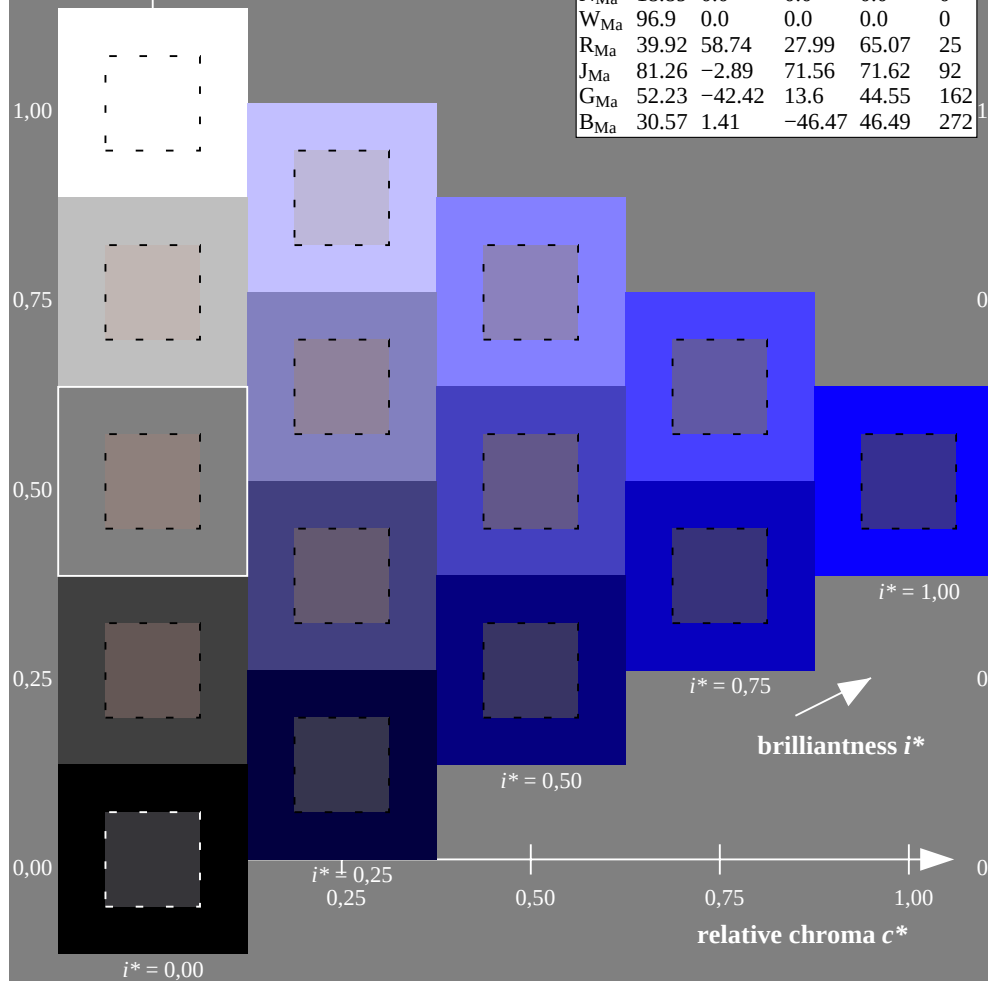
$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.04 0.0 1.0

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

$u^*_e = b50r$

data for any colour:

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

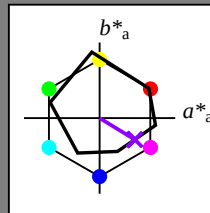
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

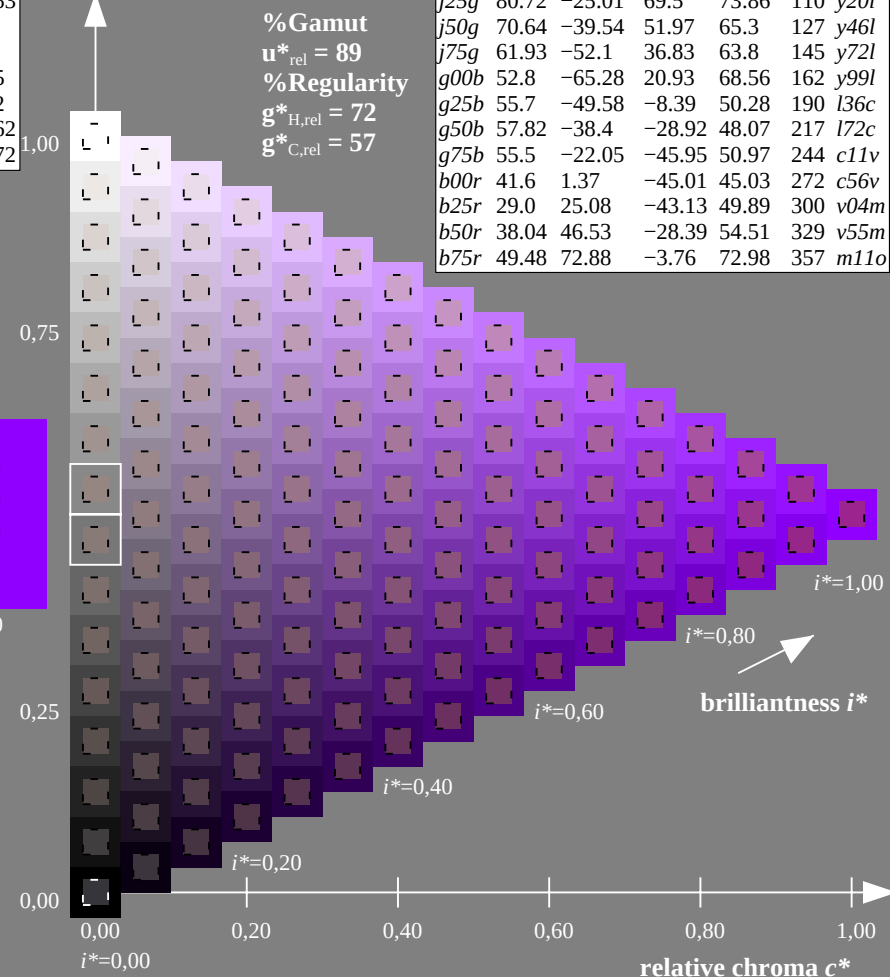
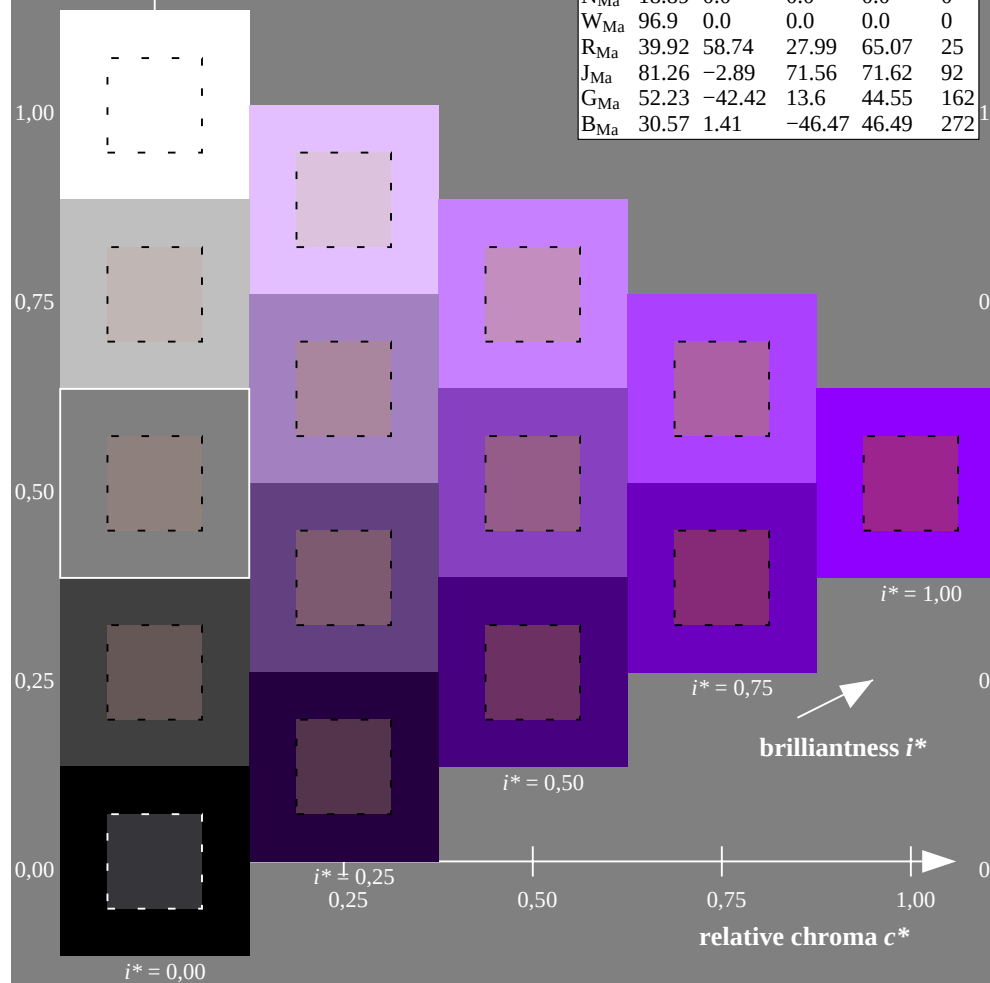
$LAB^*LCH^*_{Ma}$: 38 55 328

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

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

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$
data for any colour:

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

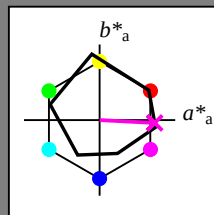
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

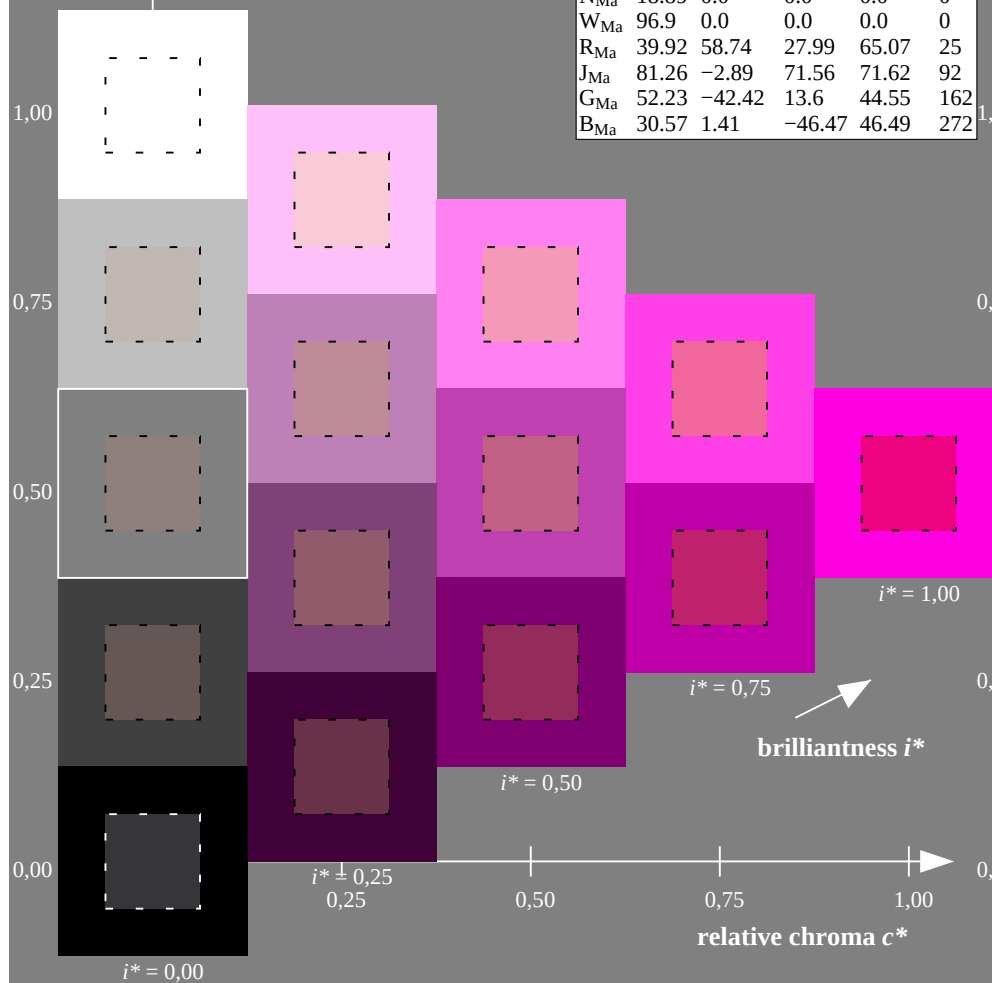
contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 73 -4

$LAB^*LCH^*_{Ma}$: 49 73 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.89

triangle lightness t^*

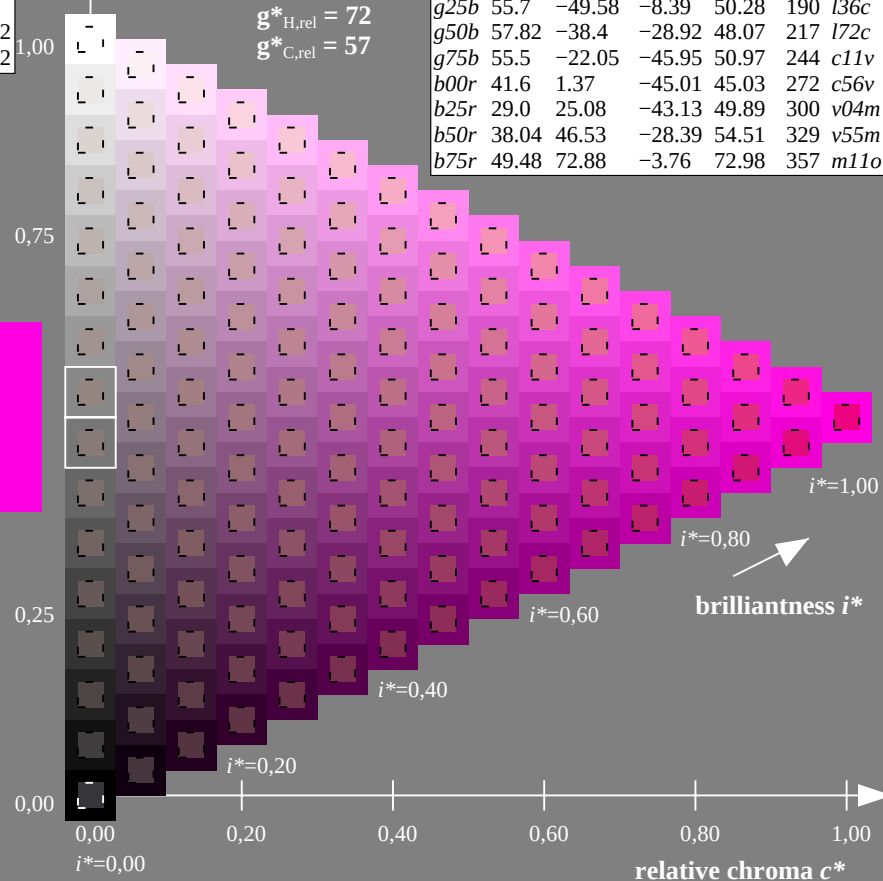
%Gamut

$u^*_{rel} = 89$

%Regularity

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

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

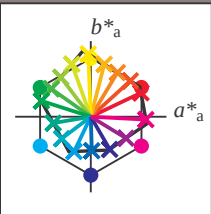


ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	
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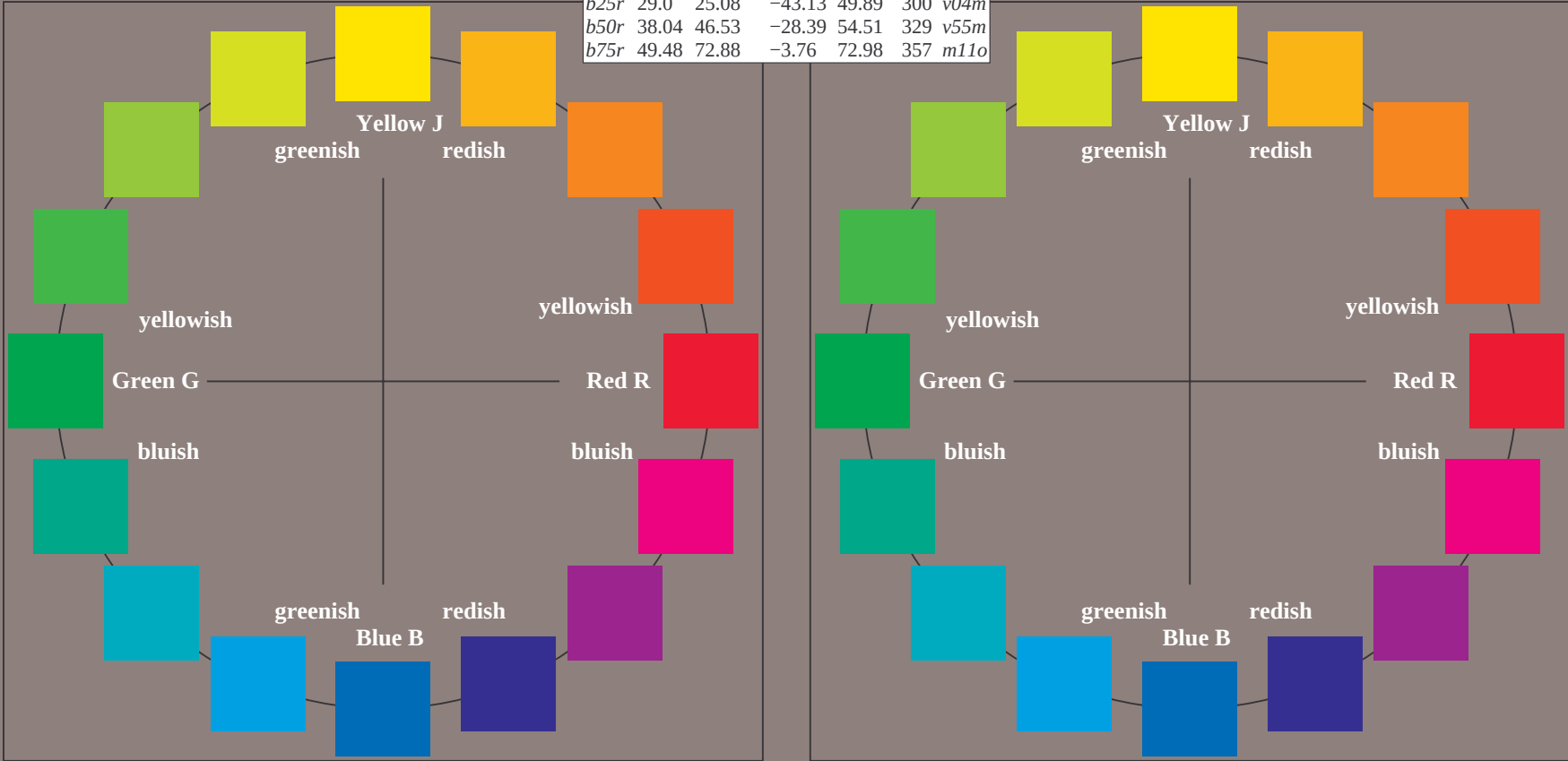
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u_e^* and number $no.$ = 00 .. 15
elementary hue text:
 $u_e^* = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$



%Gamut
 $u_{rel}^* = 89$
%Regularity
 $g_{H,rel}^* = 72$
 $g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data					
Name	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

$u^*_e = r00j$

data for any colour:

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

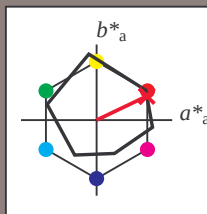
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 66 32

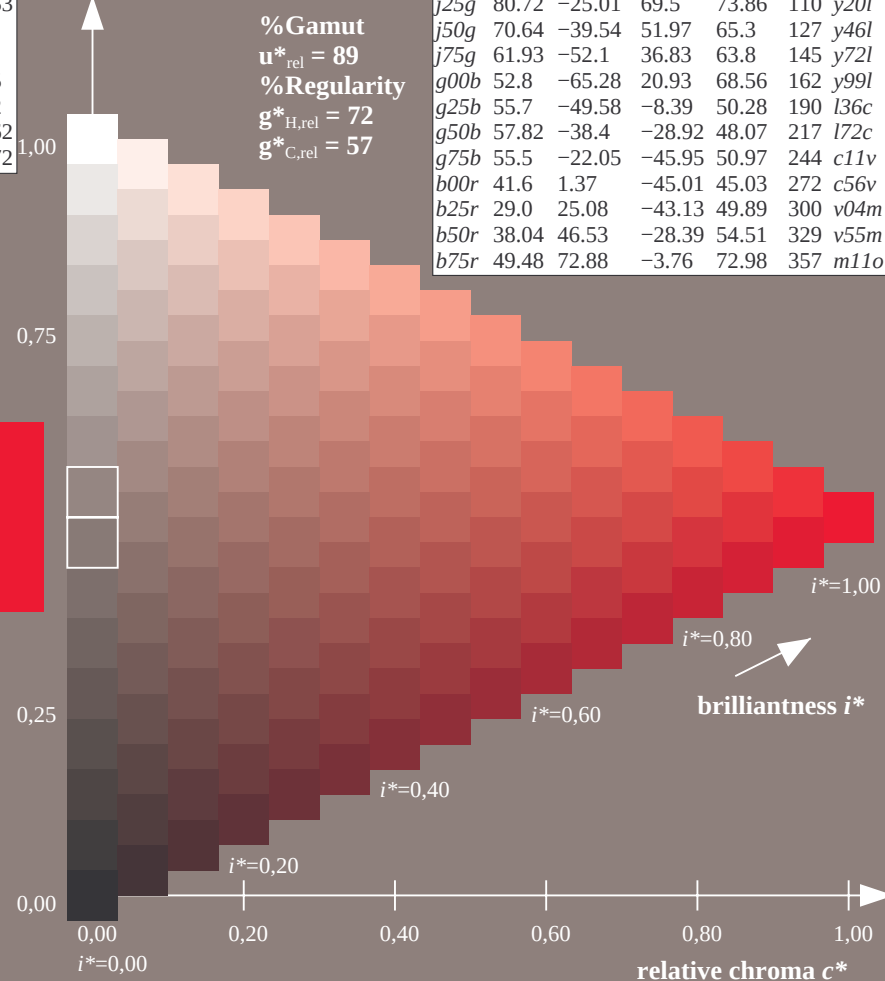
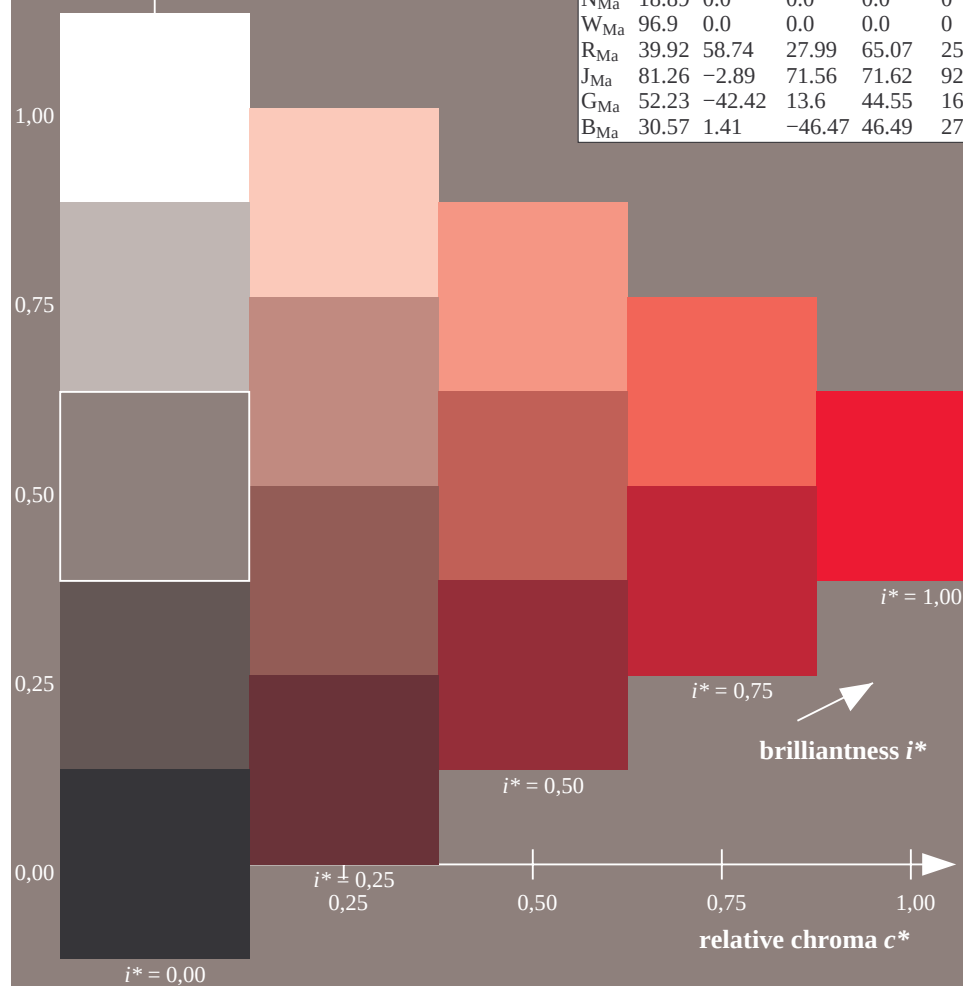
$LAB^*LCH^*_{Ma}$: 49 74 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.15

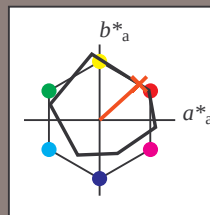
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

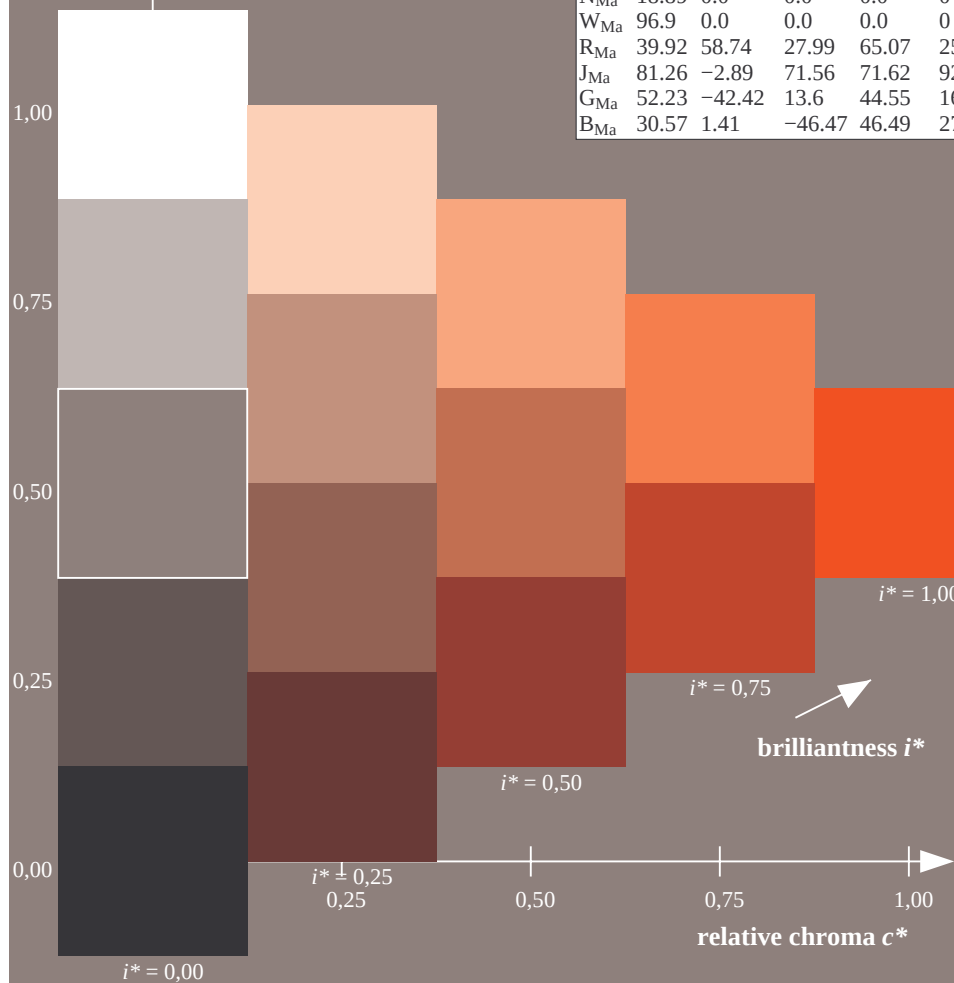


Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
 data for any colour:

lab^*tch^* and lab^*icu^*
 Hue texts:
 $u^*_e = r25j$ $u^*_d = o17y$
 contrast reduction factor:
 $c_R = 1.0$
 triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 52 47

$LAB^*LCH^*_{Ma}$: 56 71 42

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

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

triangle lightness t^*

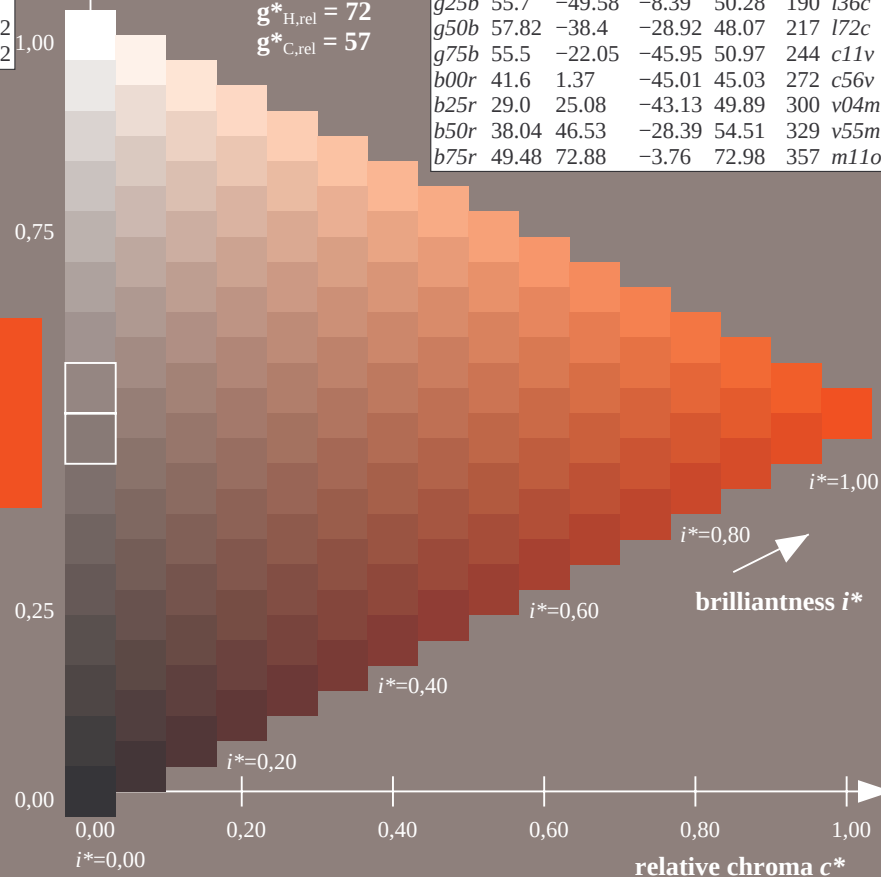
%Gamut

$u^*_{rel} = 89$

%Regularity

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

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



ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$

$u^*_e = r50j$

data for any colour:

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

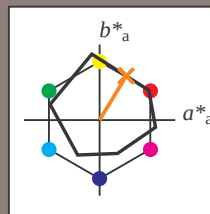
Hue texts:

$u^*_e = r50j$ $u^*_d = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 35 58

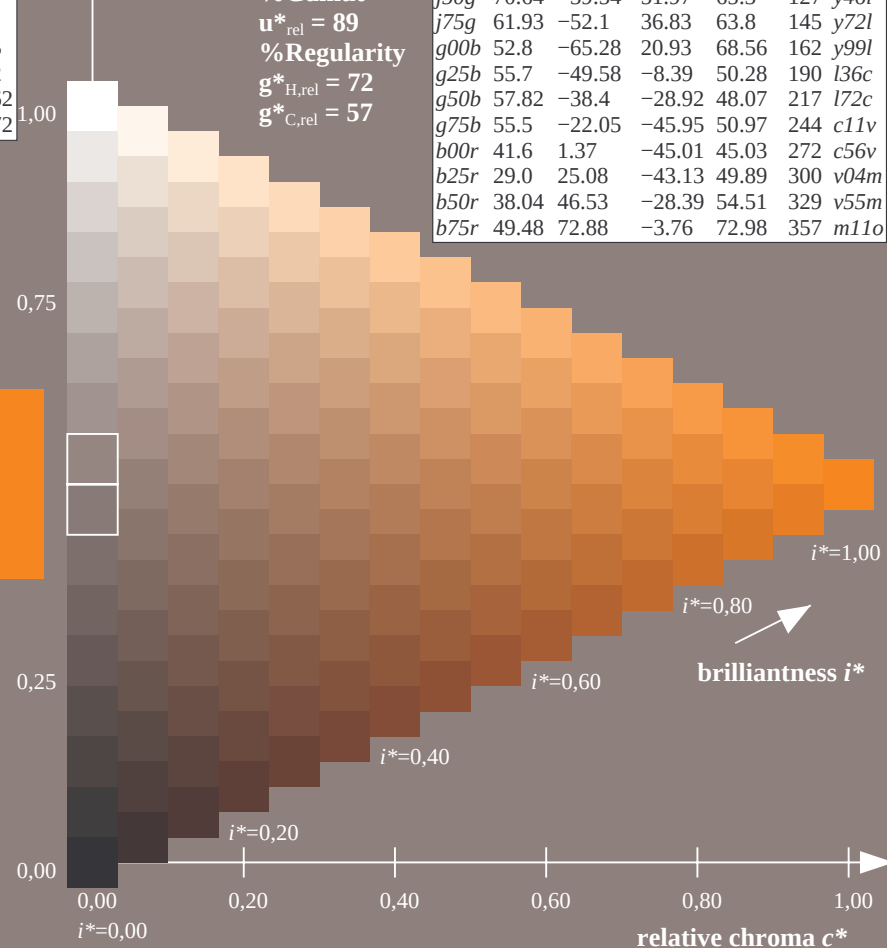
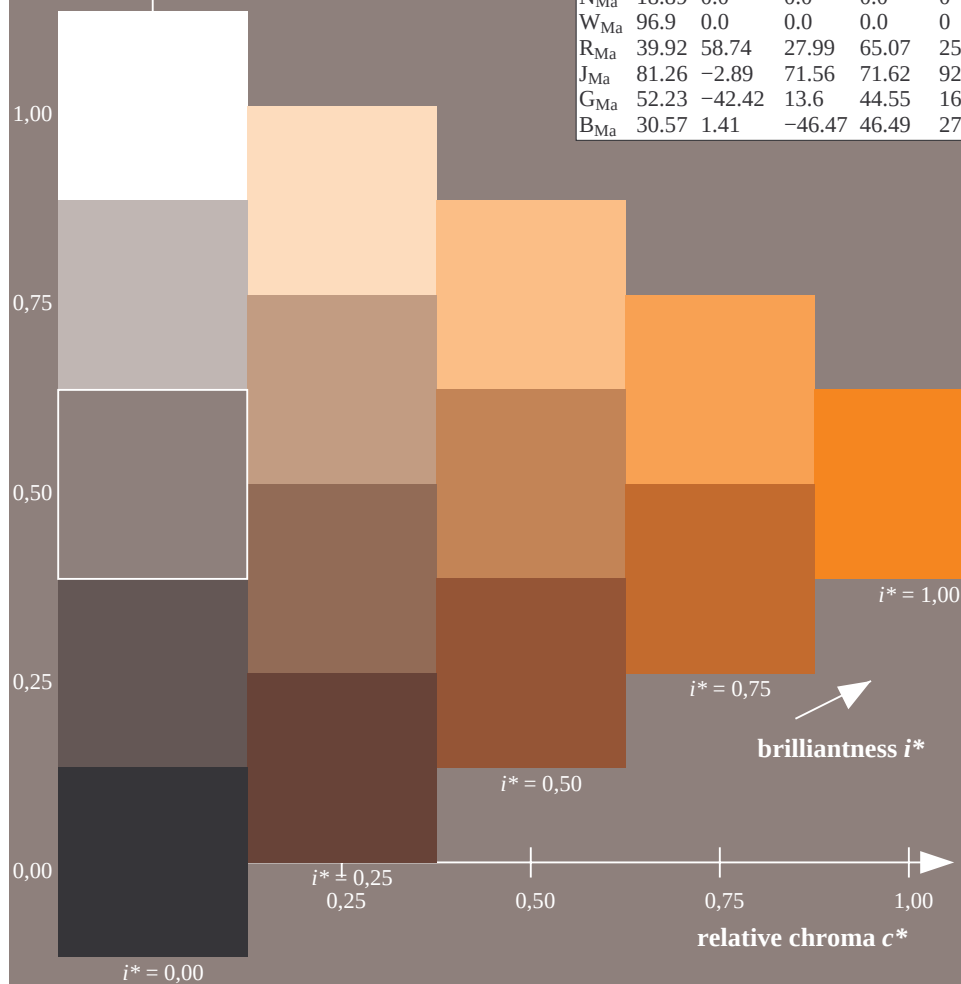
$LAB^*LCH^*_{Ma}$: 65 68 58

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

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

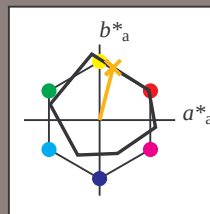
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

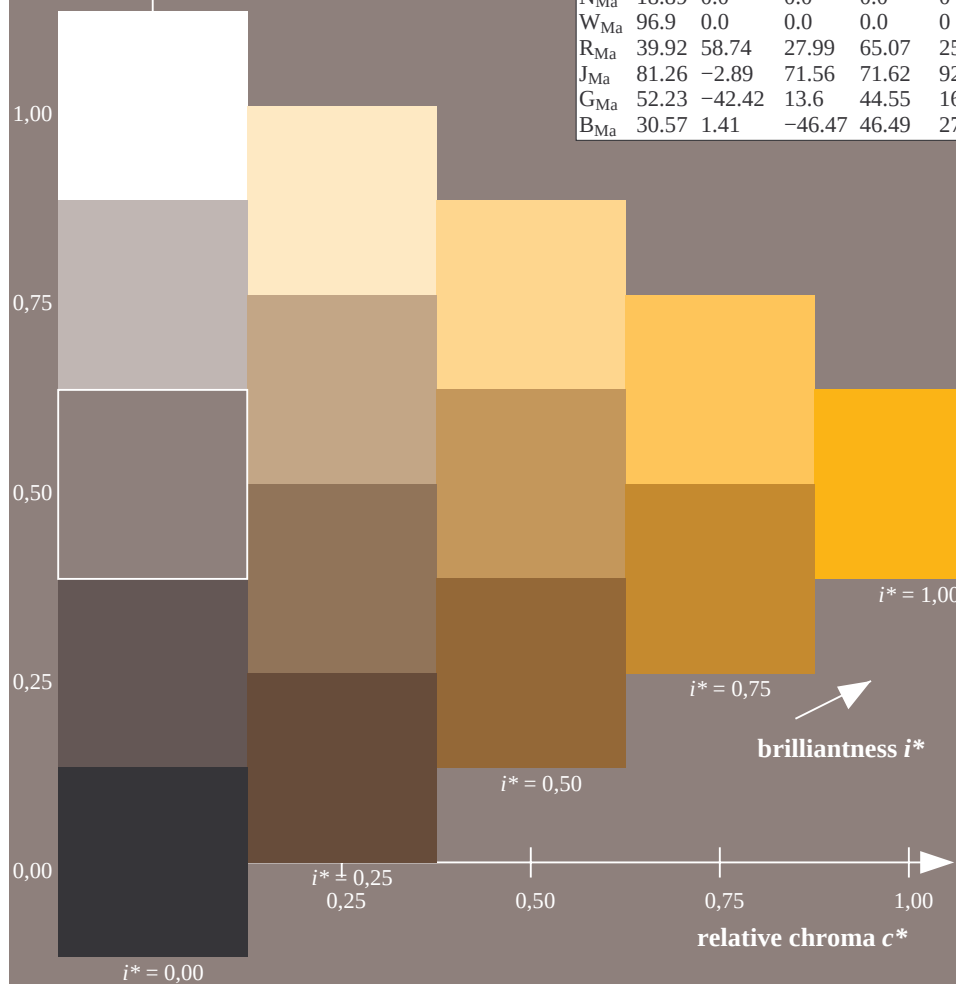


Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
 data for any colour:

lab^*tch^* and lab^*icu^*
 Hue texts:
 $u^*_e = r75j$ $u^*_d = o67y$
 contrast reduction factor:
 $c_R = 1.0$
 triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

$LAB^*LCH^*_{Ma}$: 75 72 75

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

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

triangle lightness t^*

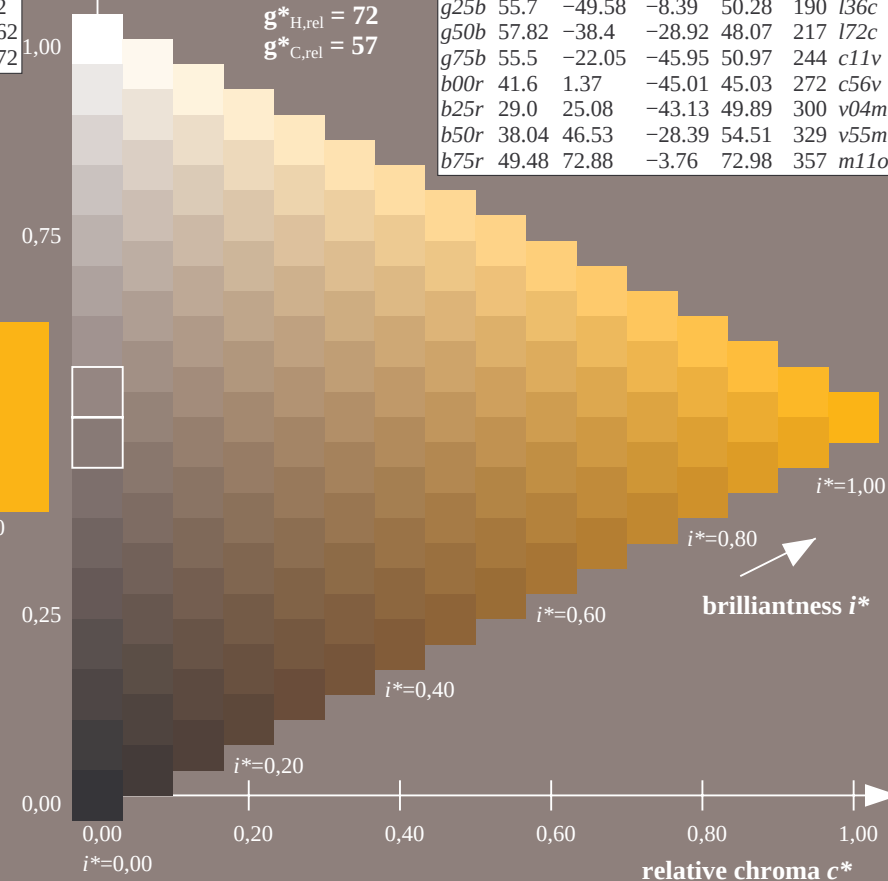
%Gamut

$u^*_{rel} = 89$

%Regularity

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

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



ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$
data for any colour:

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

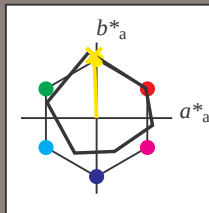
Hue texts:

$u^*_e = j00g$ $u^*_d = o92y$

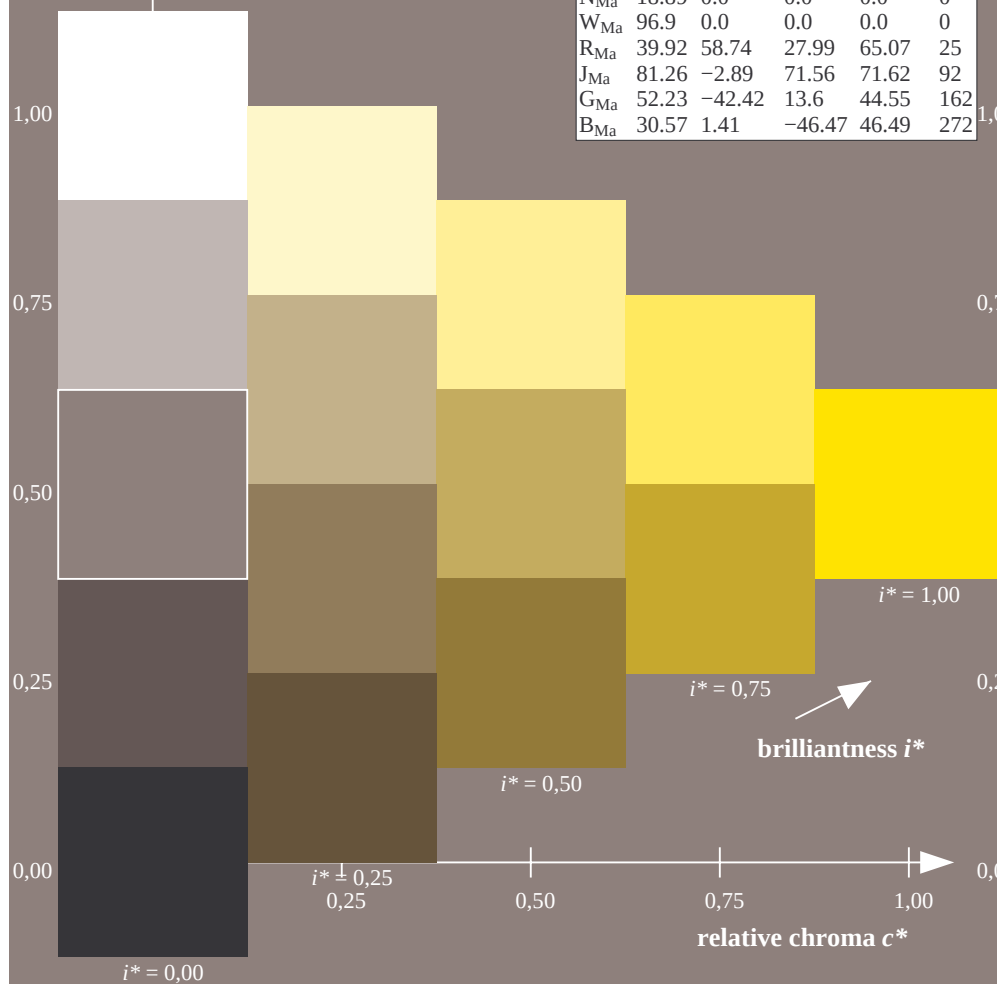
contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -3 83

$LAB^*LCH^*_{Ma}$: 87 83 92

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

$lab^*olv^*_{Ma}$: 1.0 0.93 0.0

triangle lightness t^*

%Gamut

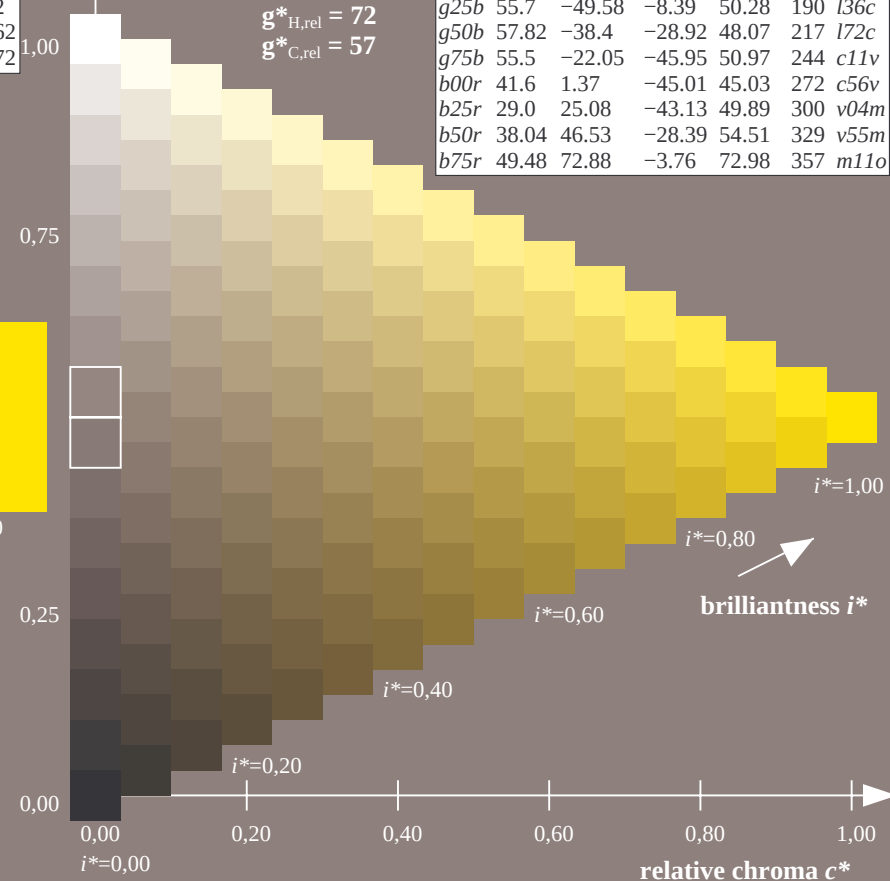
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

$u^*_e = j25g$

data for any colour:

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

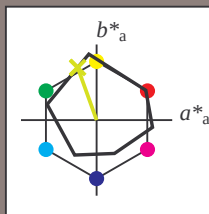
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

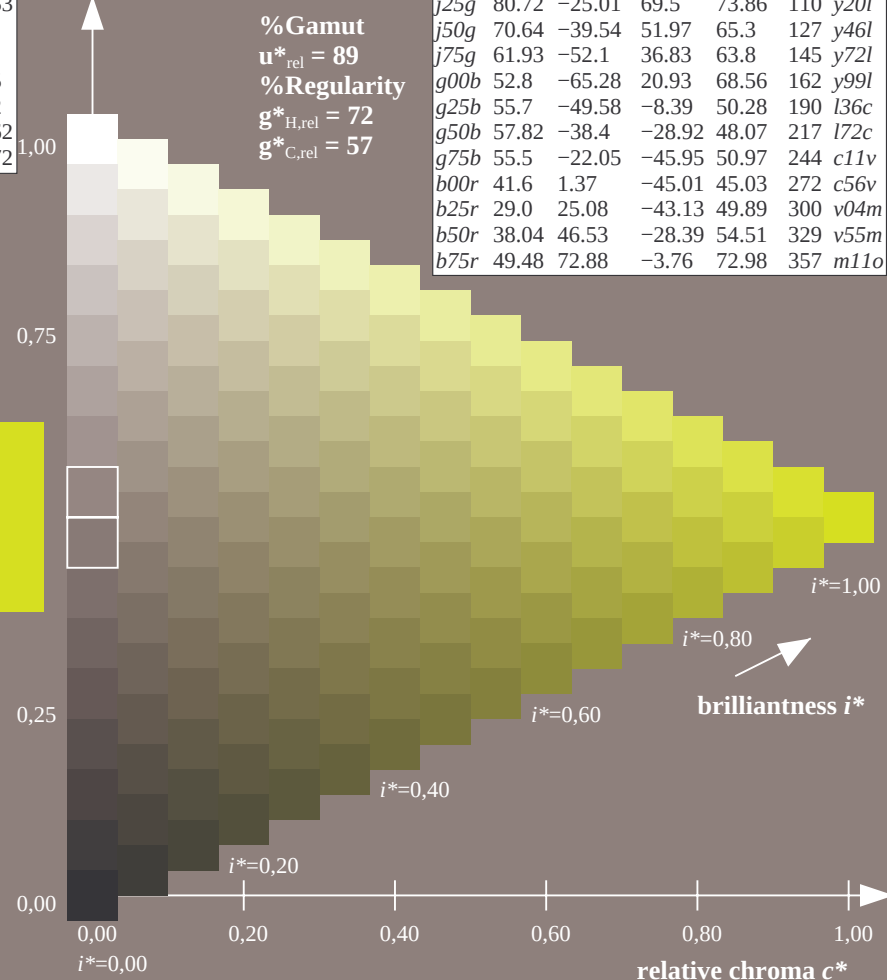
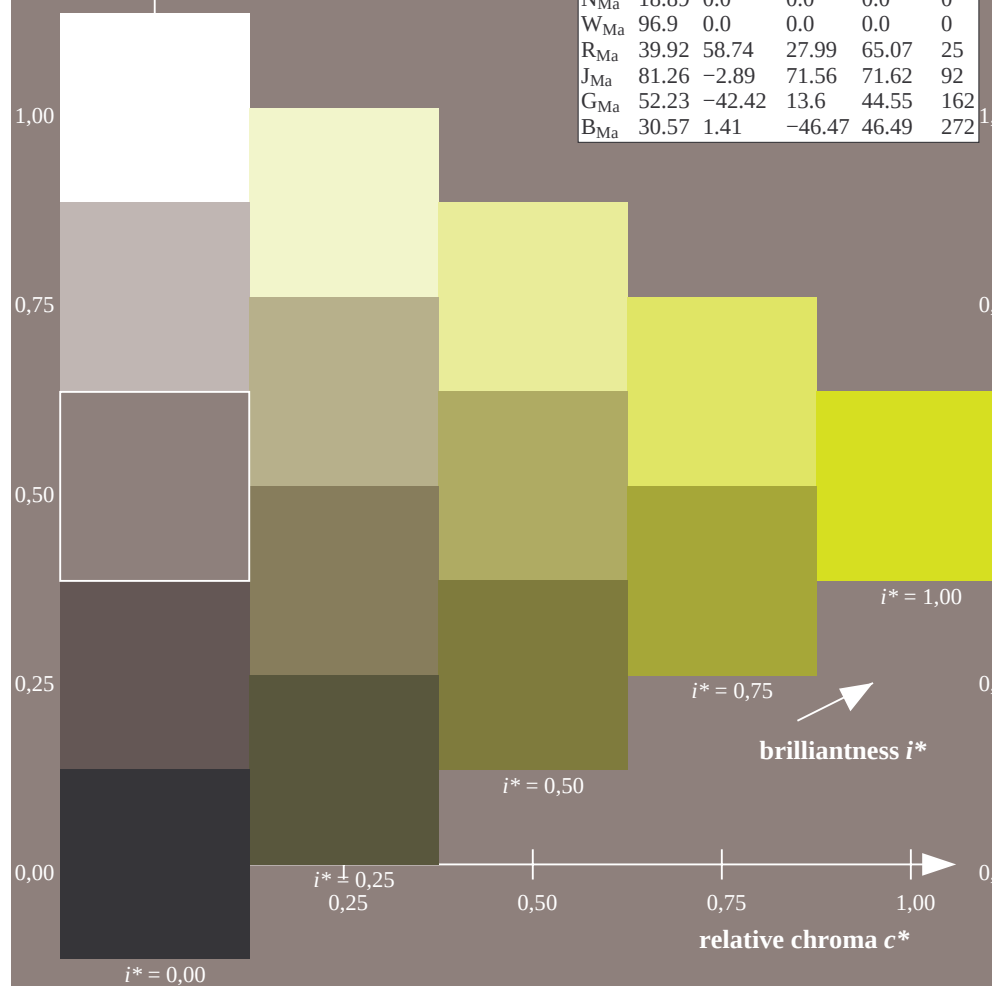
$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

$u^*_e = j50g$

data for any colour:

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

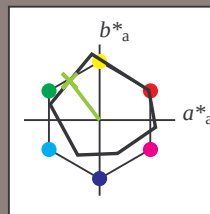
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -40 52

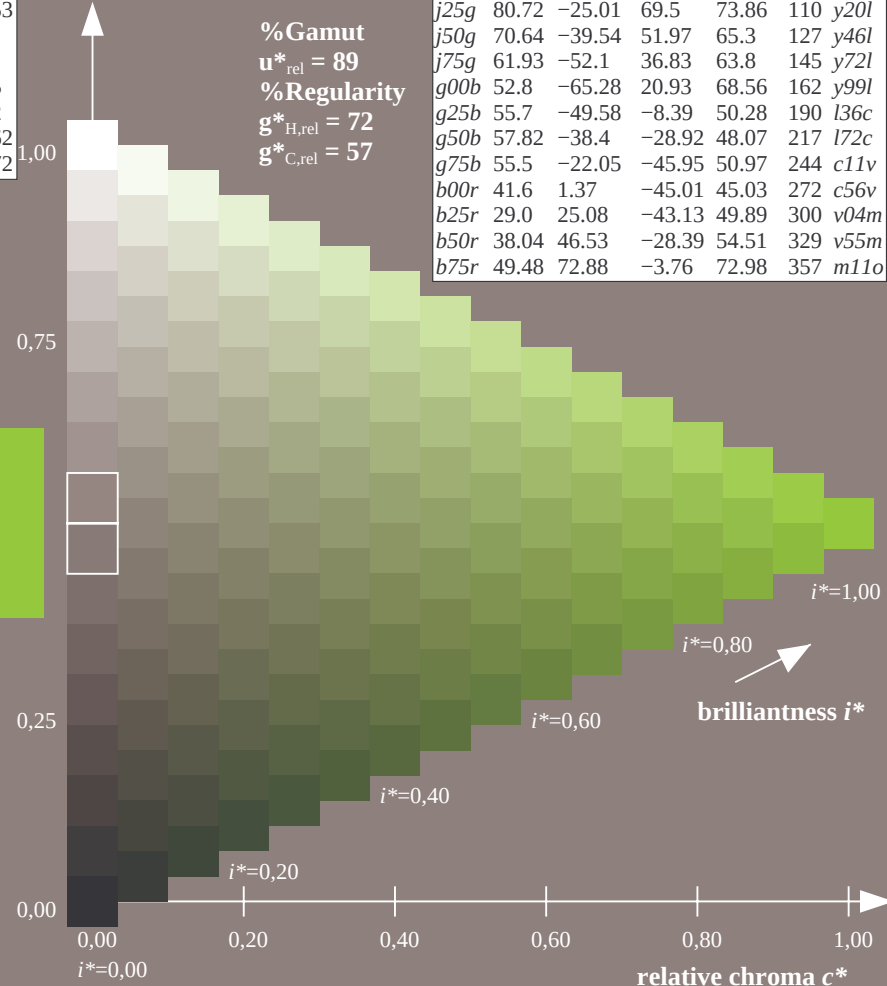
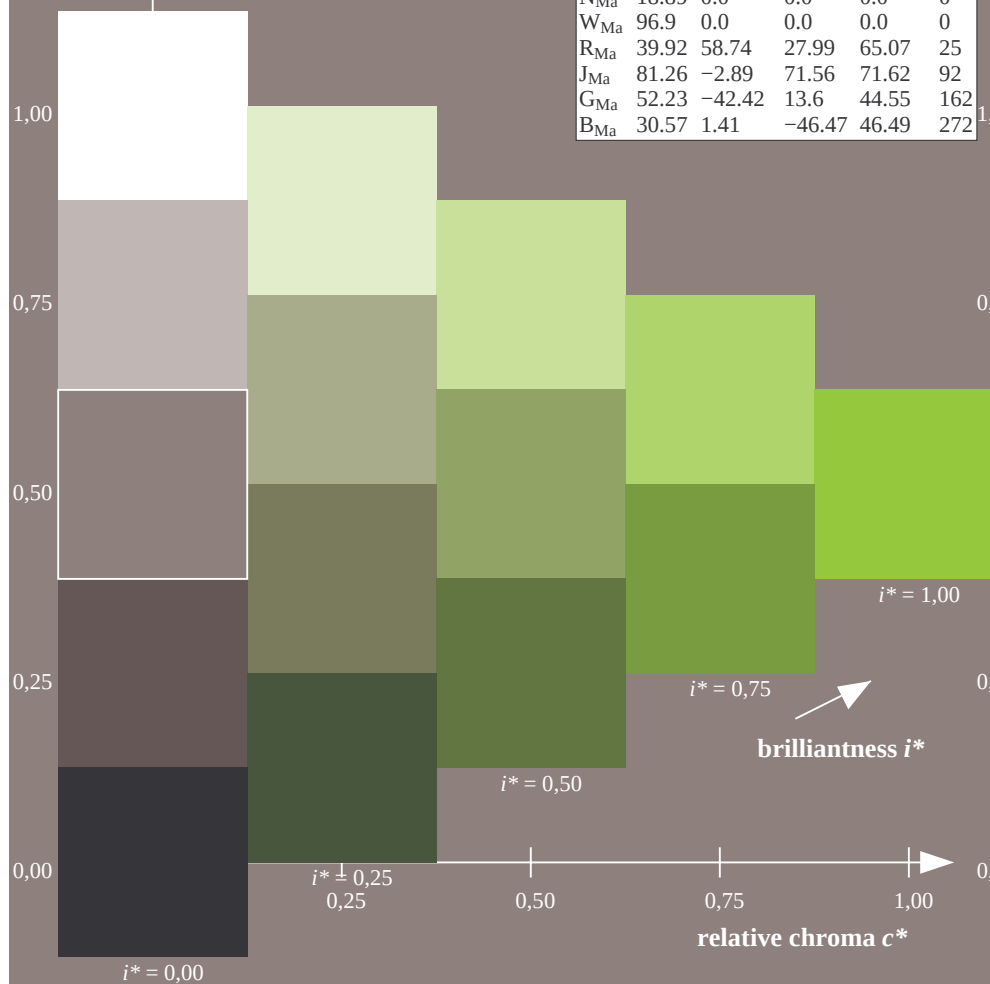
$LAB^*LCH^*_{Ma}$: 71 65 127

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

$lab^*olv^*_{Ma}$: 0.54 1.0 0.0

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

$u^*_e = j75g$

data for any colour:

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

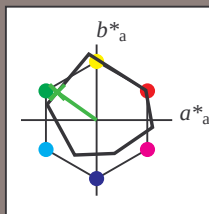
Hue texts:

$u^*_e = j75g$ $u^*_d = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -52 37

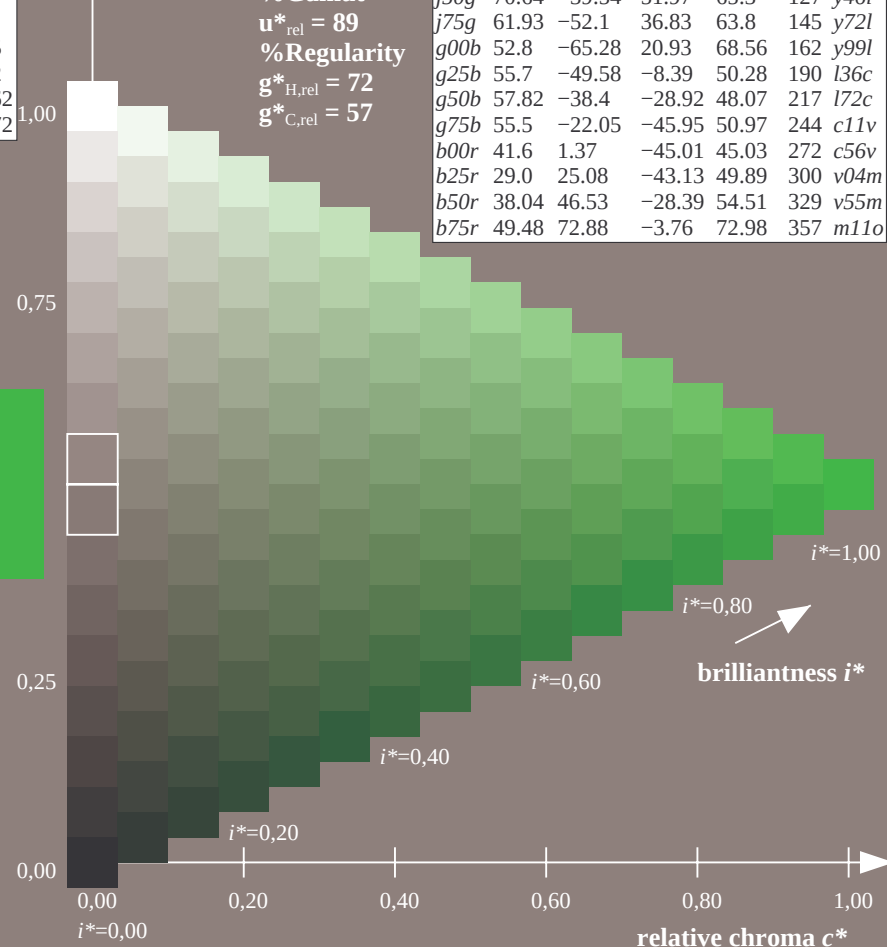
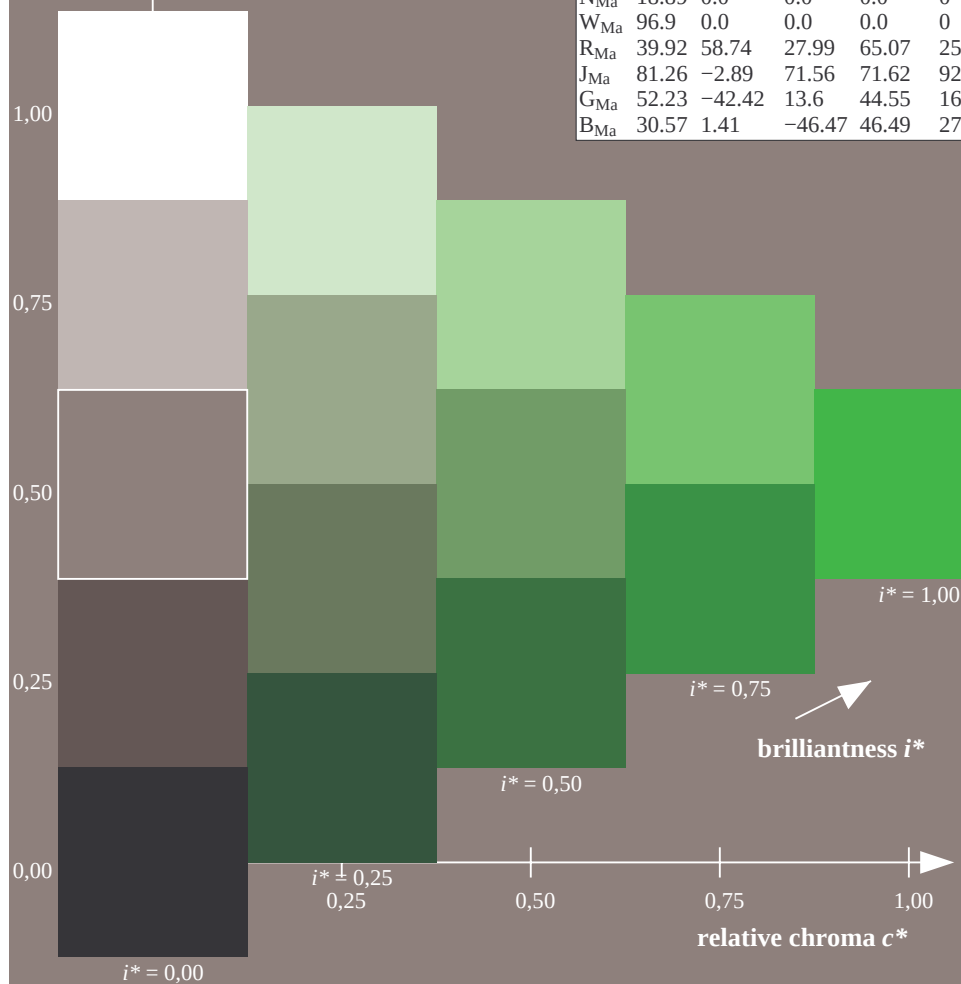
$LAB^*LCH^*_{Ma}$: 62 64 144

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

$lab^*olv^*_{Ma}$: 0.27 1.0 0.0

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

$u^*_e = g00b$

data for any colour:

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

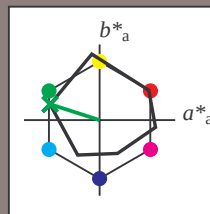
Hue texts:

$u^*_e = g00b$ $u^*_d = y99l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 53 -65 21$

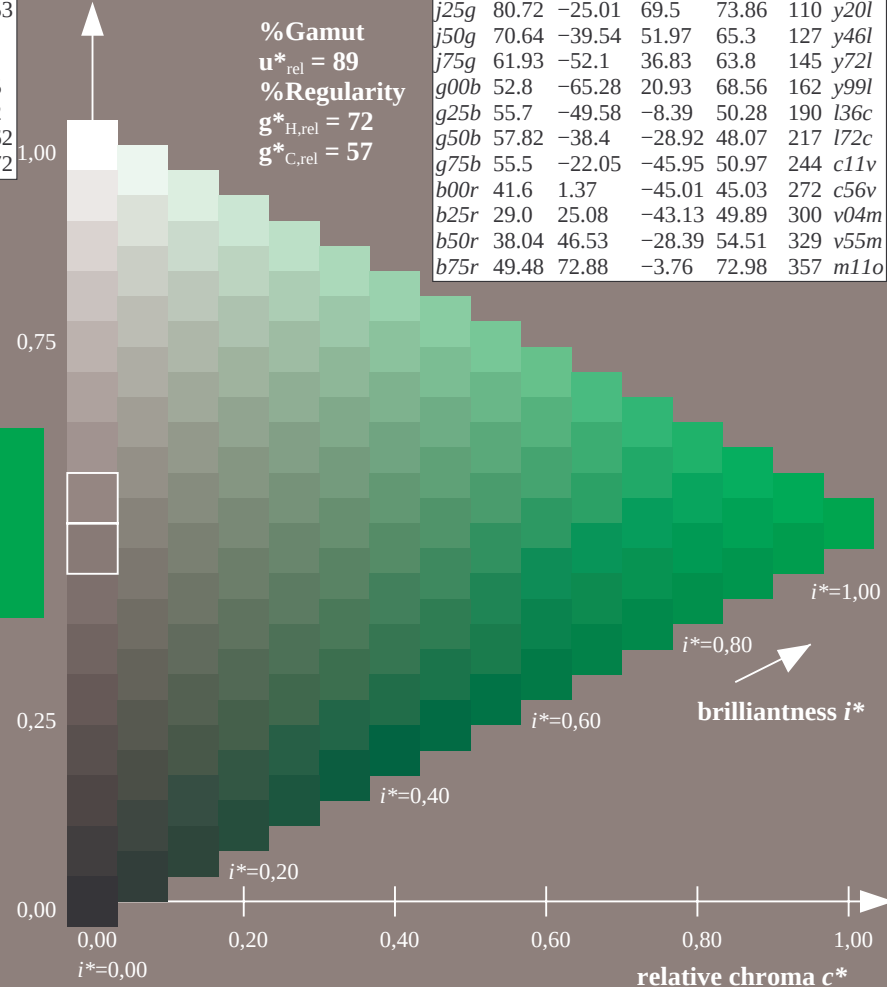
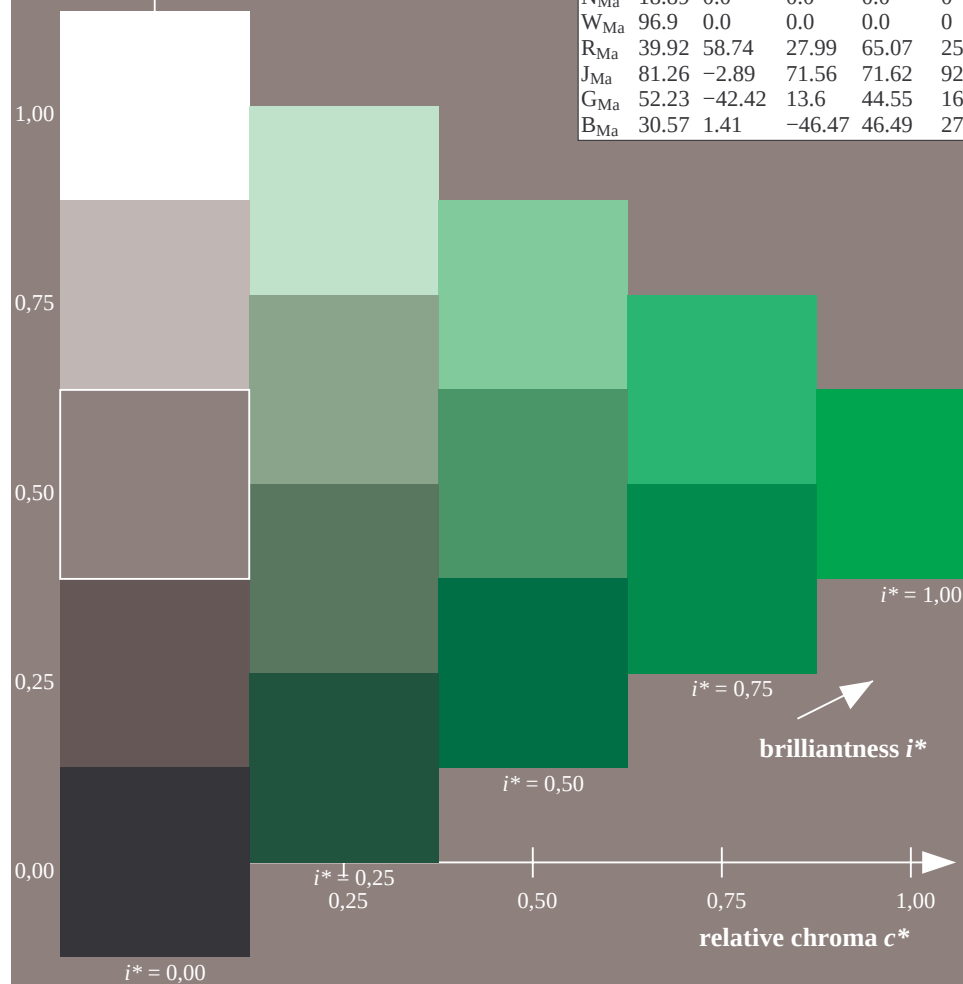
$LAB^*LCH^*_{Ma}: 53 69 162$

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

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

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

$u^*_e = g25b$

data for any colour:

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

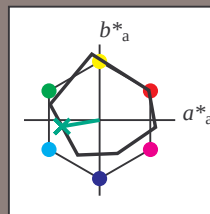
Hue texts:

$u^*_e = g25b$ $u^*_d = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 56 \ -50 \ -8$

$LAB^*LCH^*_{Ma}: 56 \ 50 \ 189$

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

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

triangle lightness t^*

%Gamut

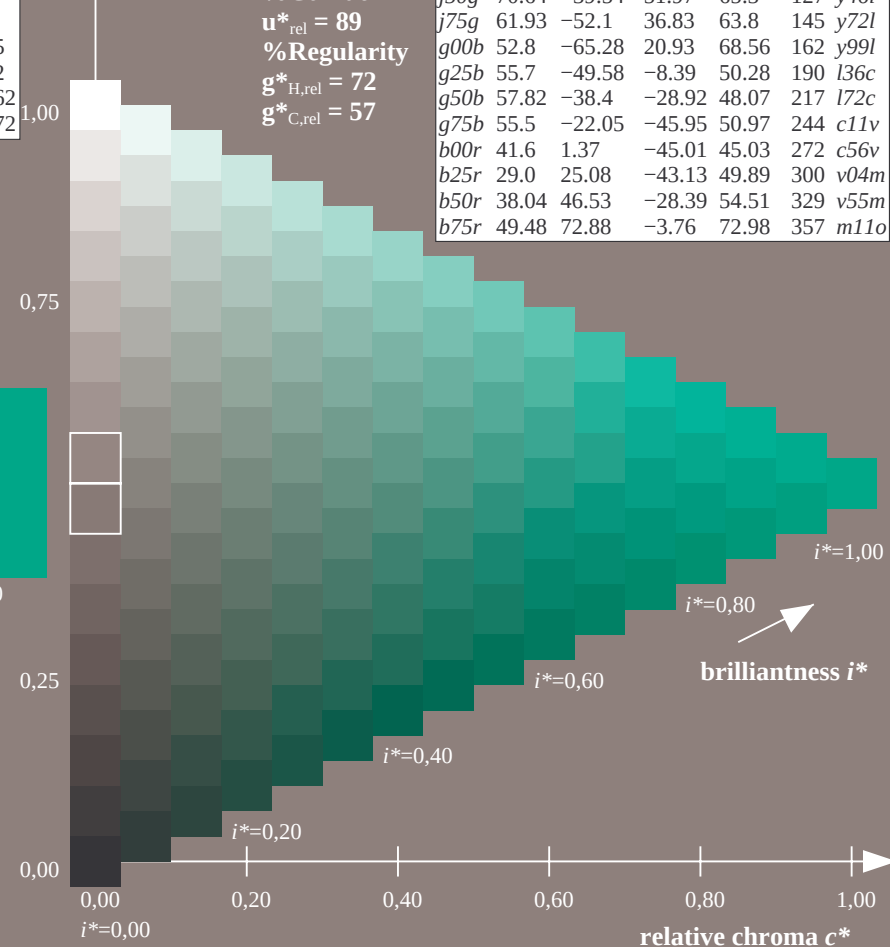
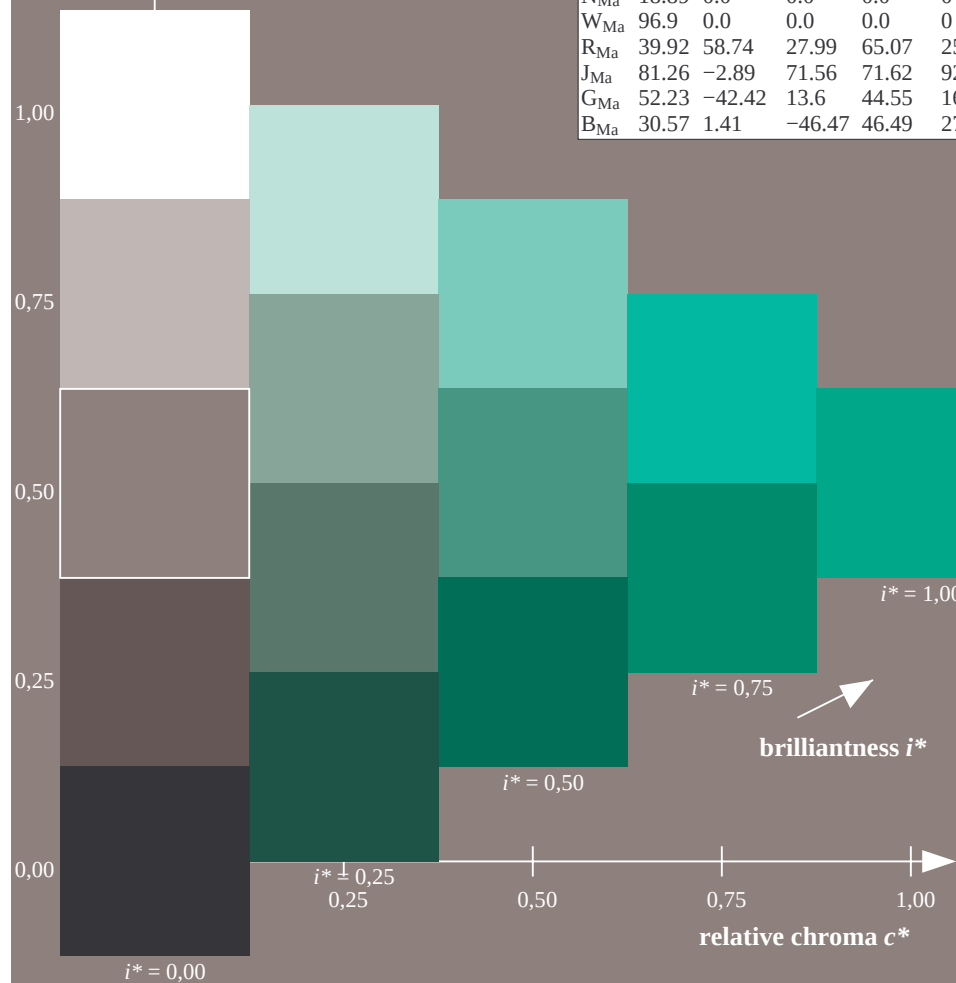
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

$u^*_e = g50b$

data for any colour:

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

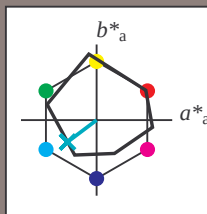
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -38 -29

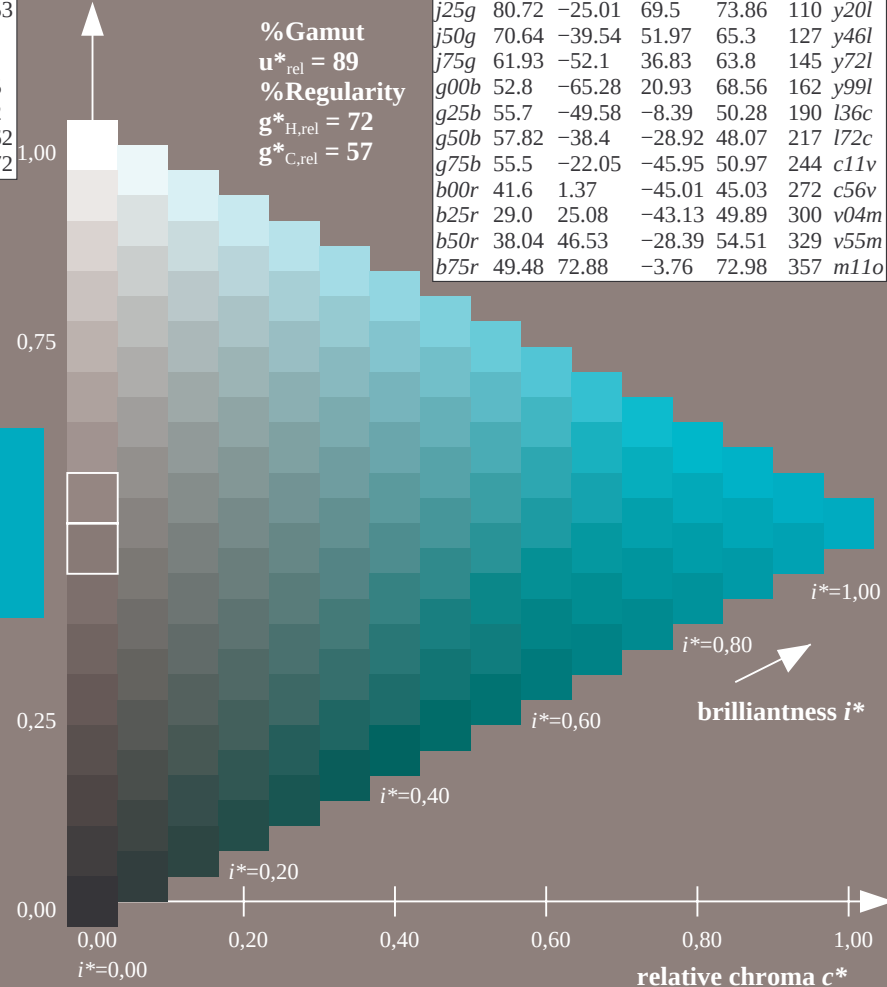
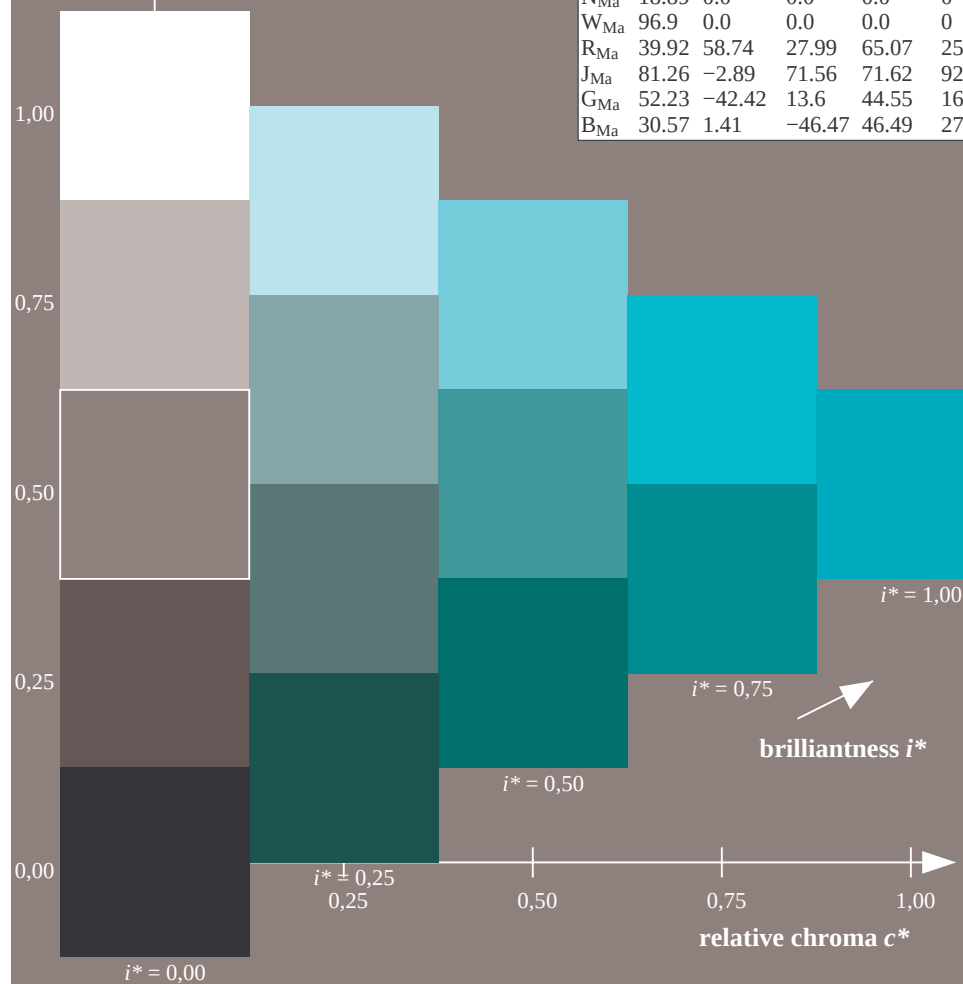
$LAB^*LCH^*_{Ma}$: 58 48 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

$u^*_e = g75b$

data for any colour:

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

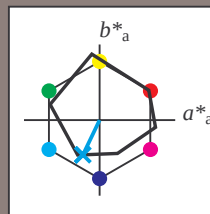
Hue texts:

$u^*_e = g75b$ $u^*_d = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -22 -46

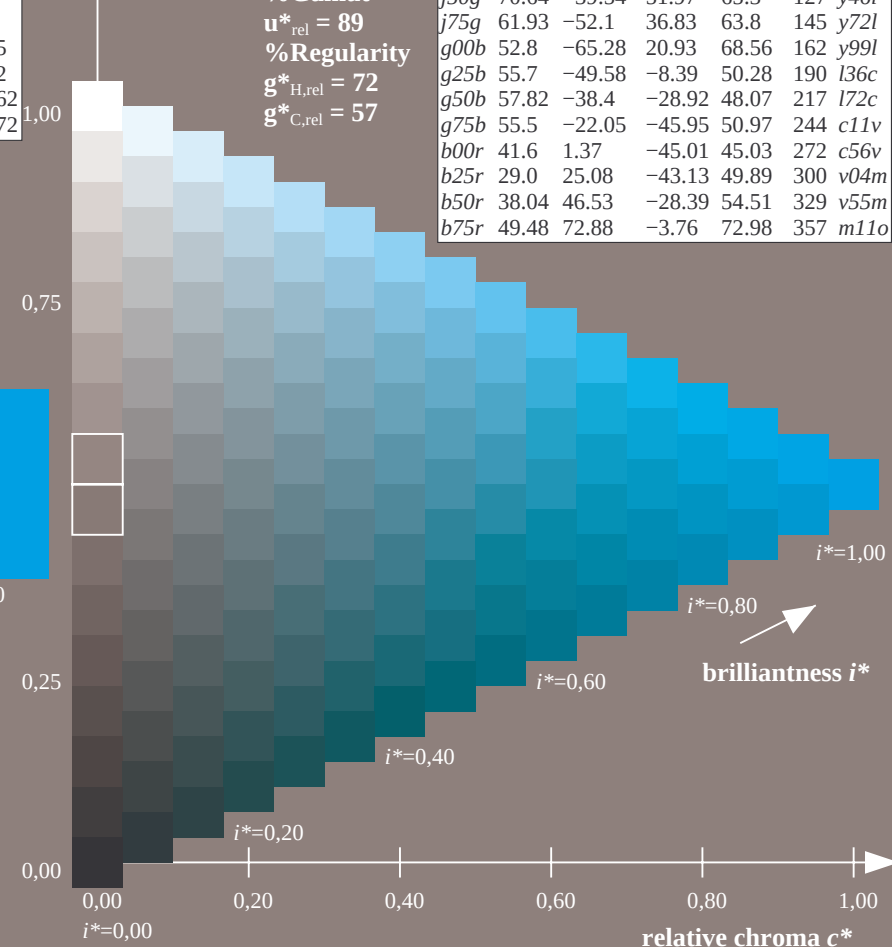
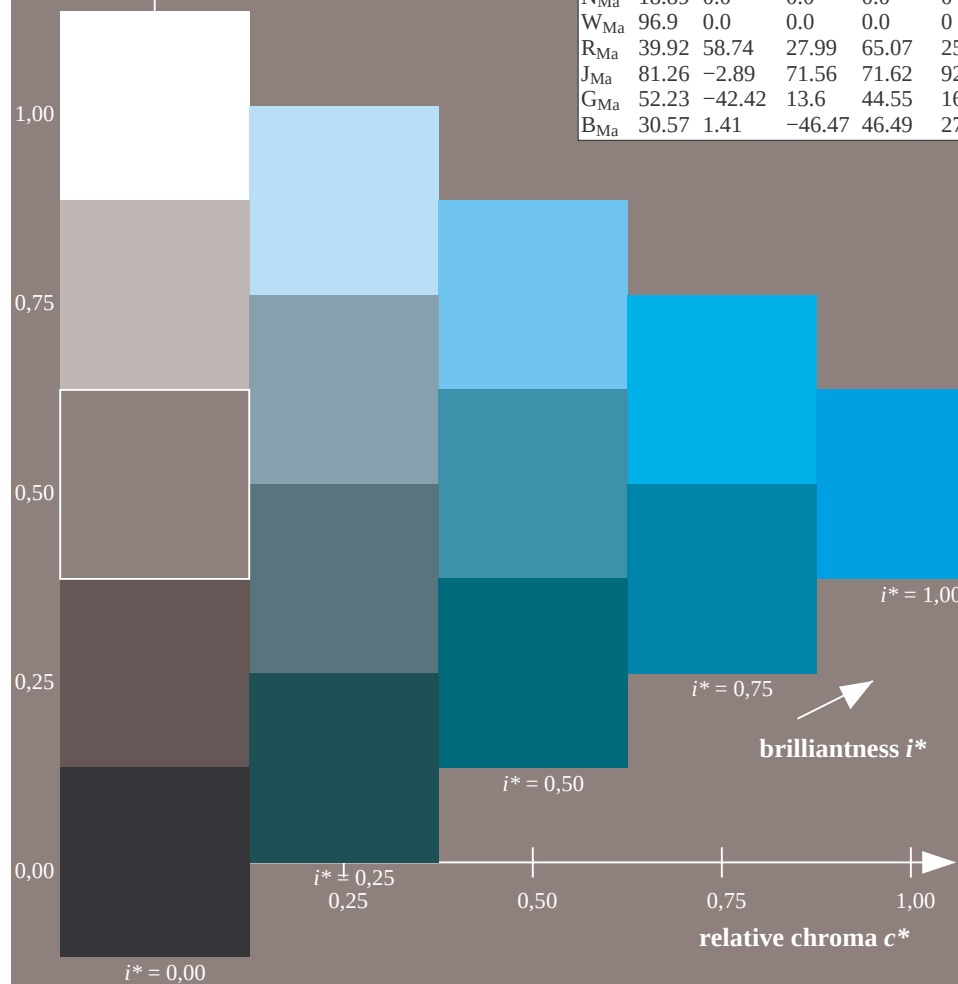
$LAB^*LCH^*_{Ma}$: 55 51 244

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

$lab^*olv^*_{Ma}$: 0.0 0.89 1.0

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$u^*_e = b00r$

data for any colour:

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

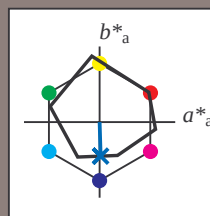
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

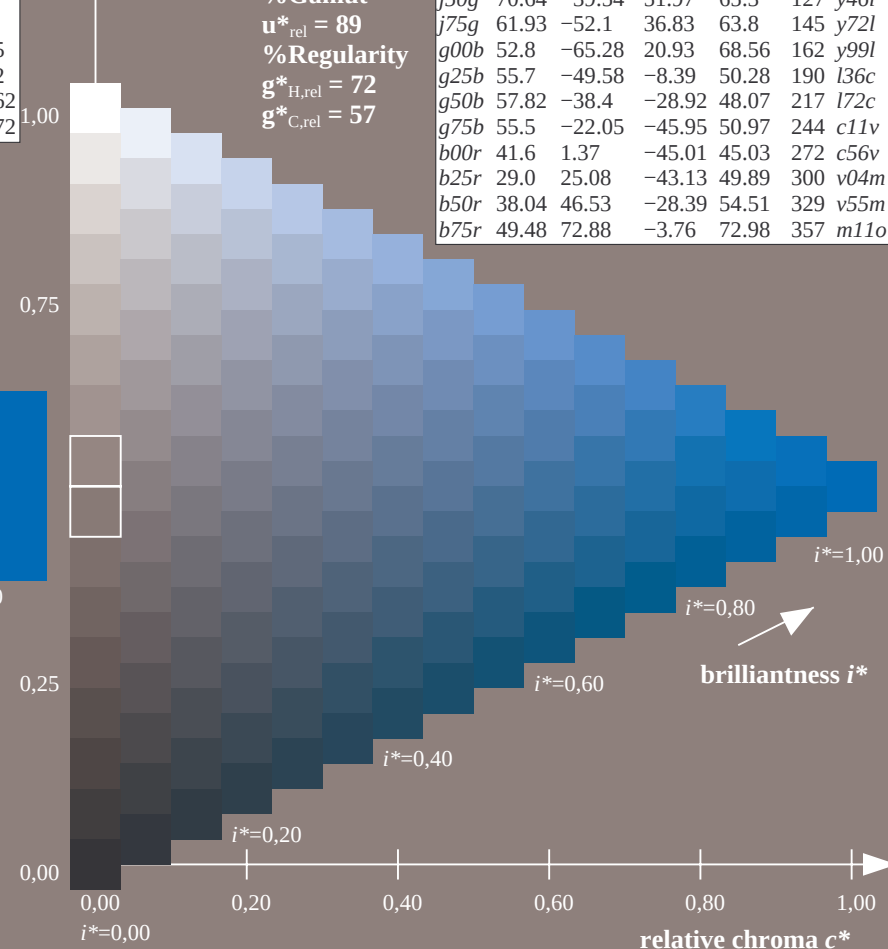
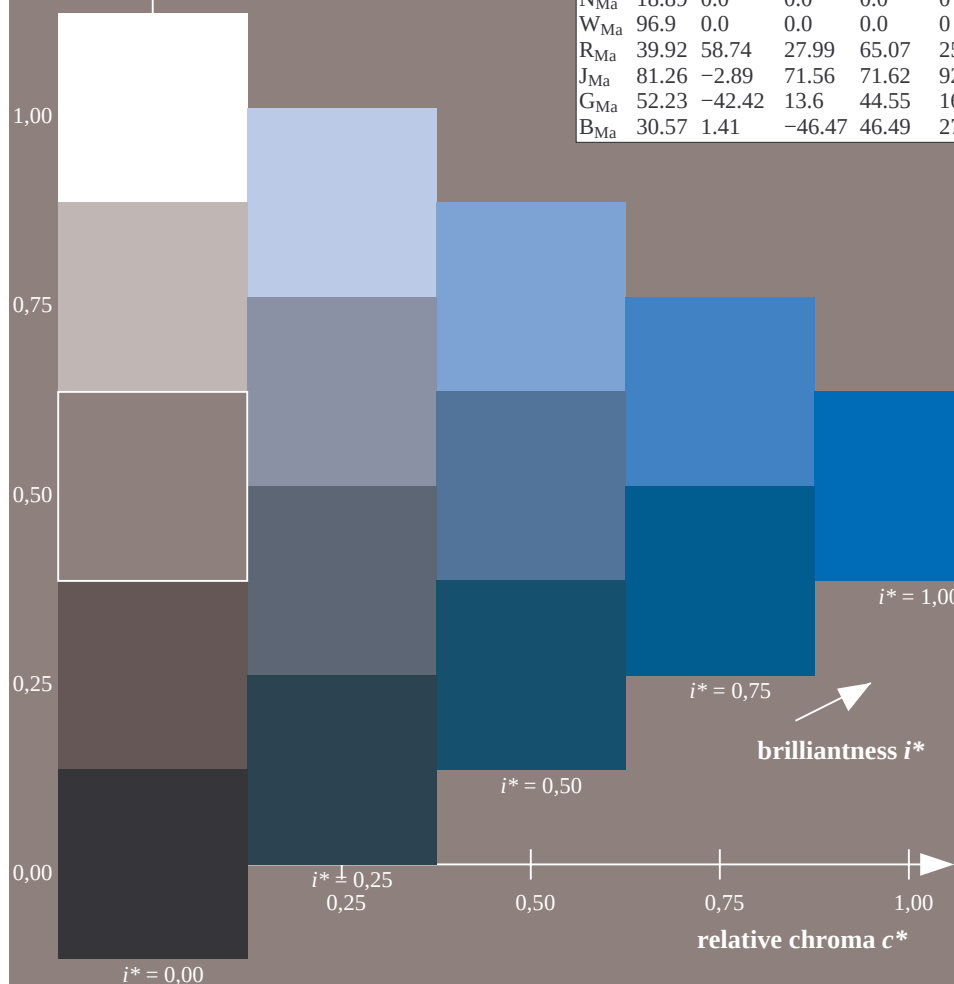
$LAB^*LCH^*_{Ma}$: 42 45 271

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

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

$u^*_e = b25r$

data for any colour:

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

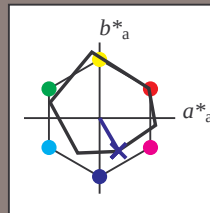
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 25 -43

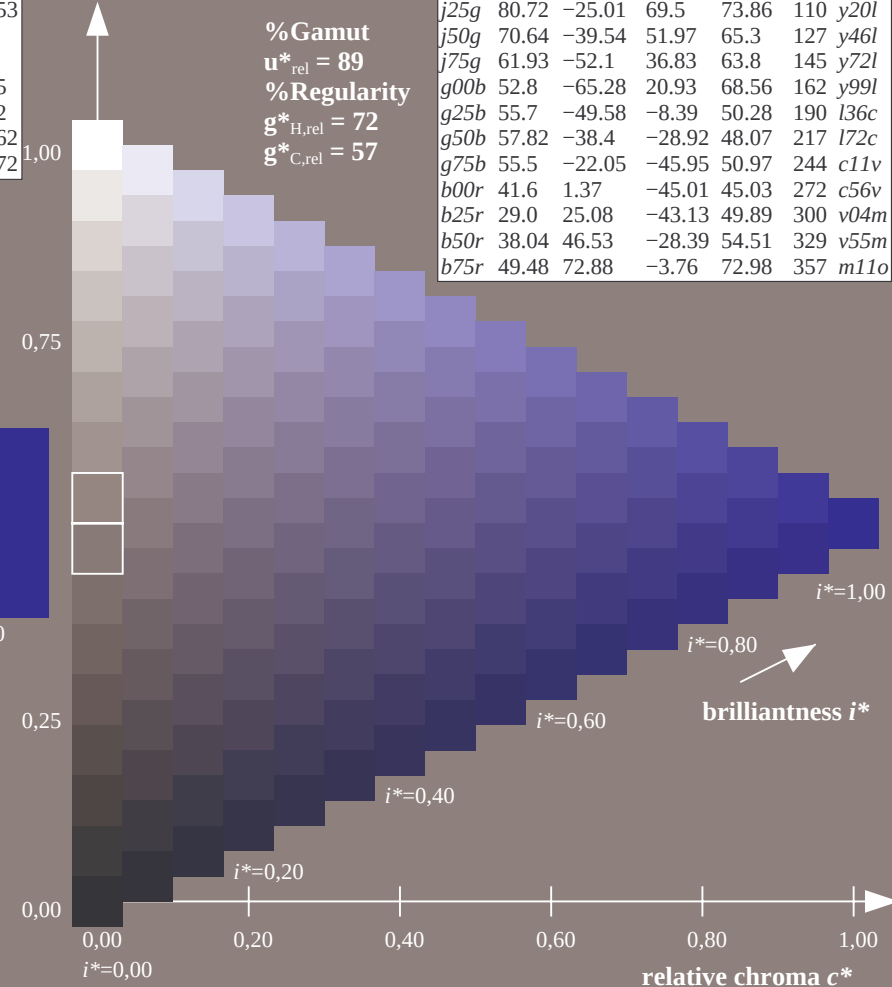
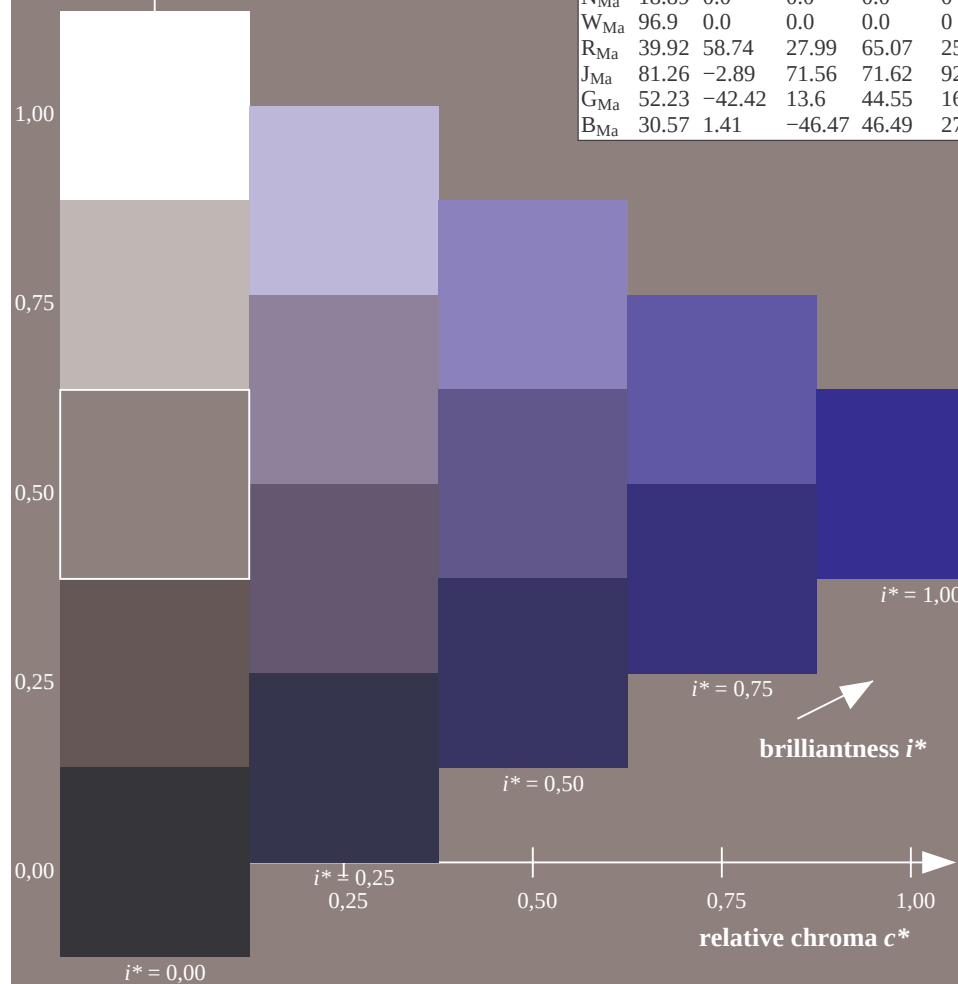
$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.04 0.0 1.0

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

$u^*_e = b50r$

data for any colour:

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

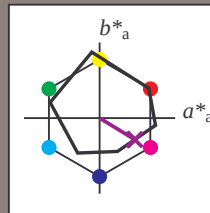
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

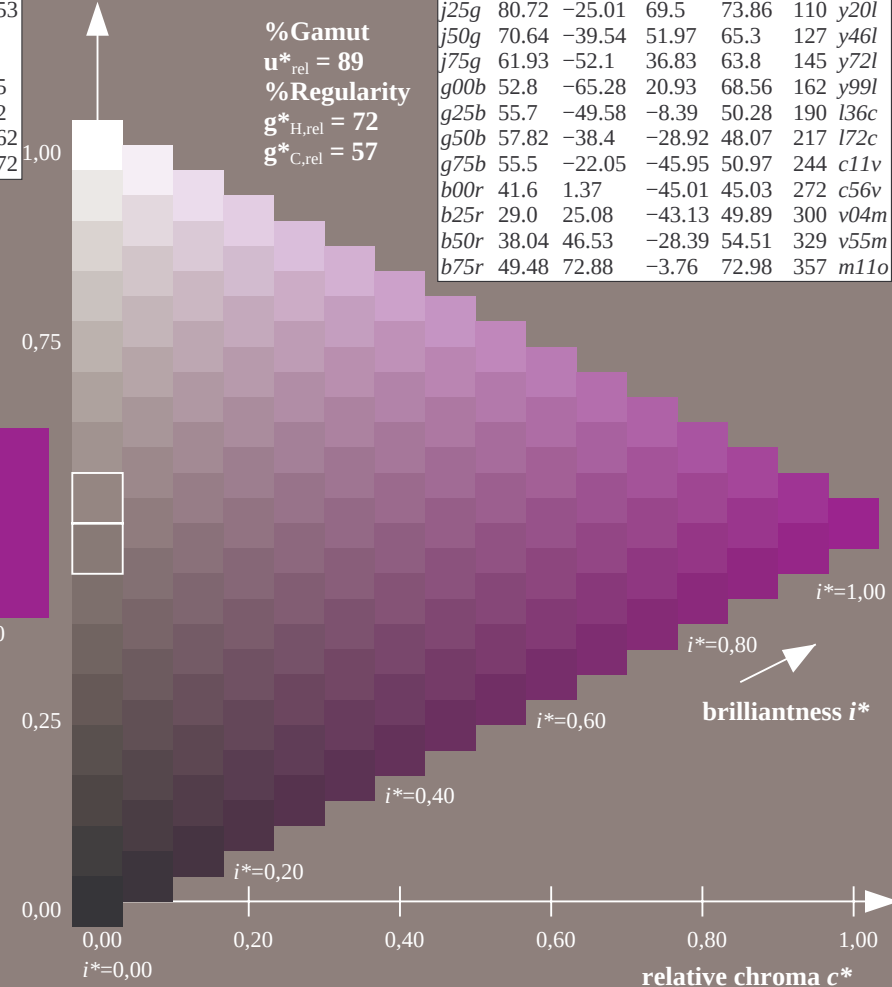
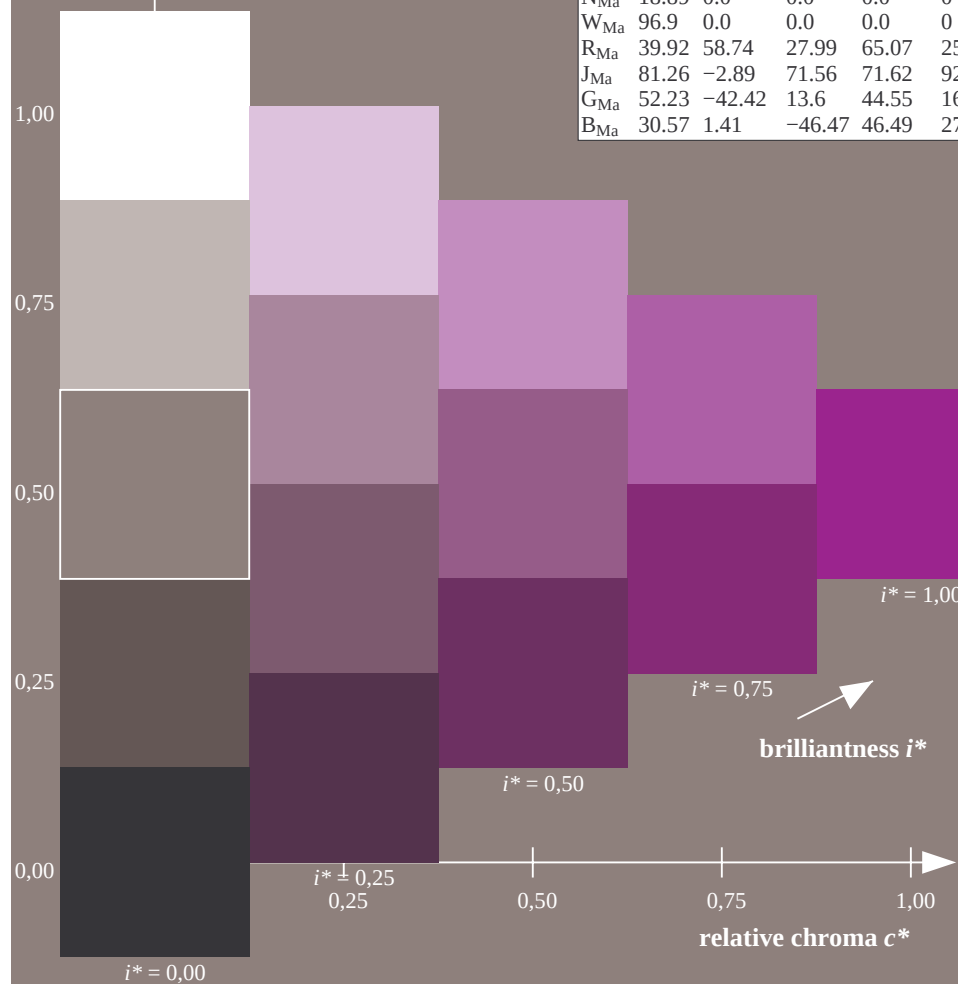
$LAB^*LCH^*_{Ma}$: 38 55 328

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

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

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

$u^*_e = b75r$

data for any colour:

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

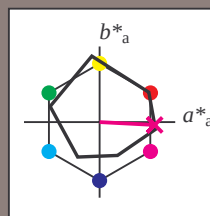
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 73 -4

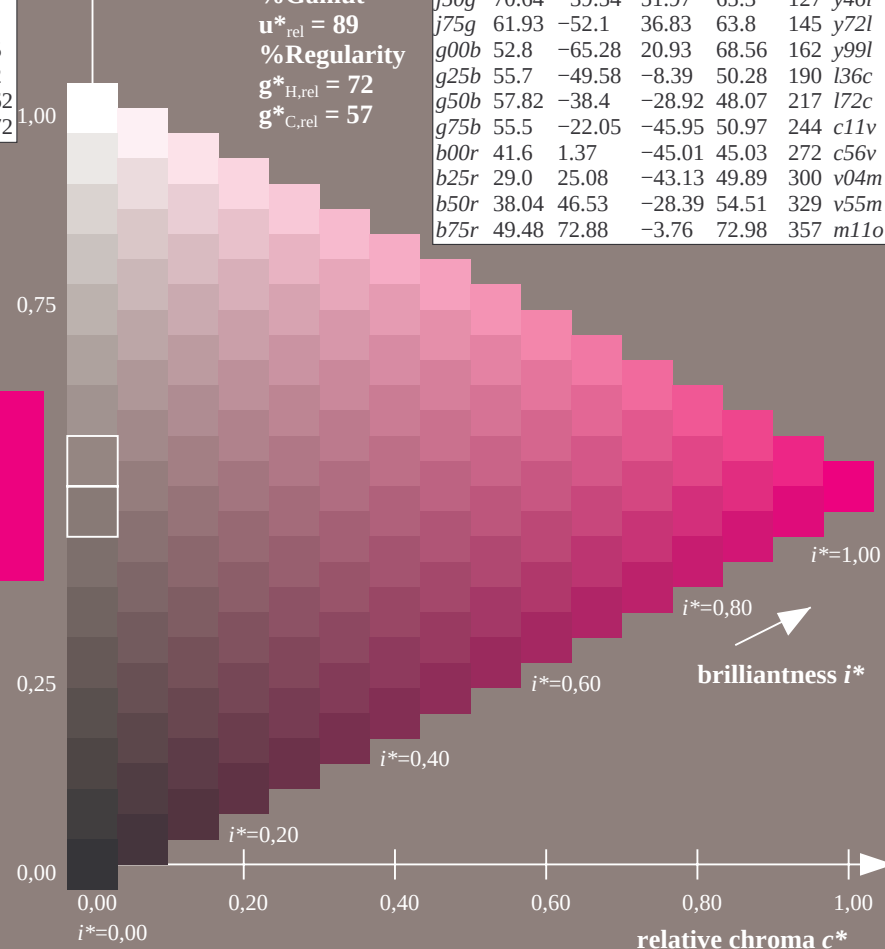
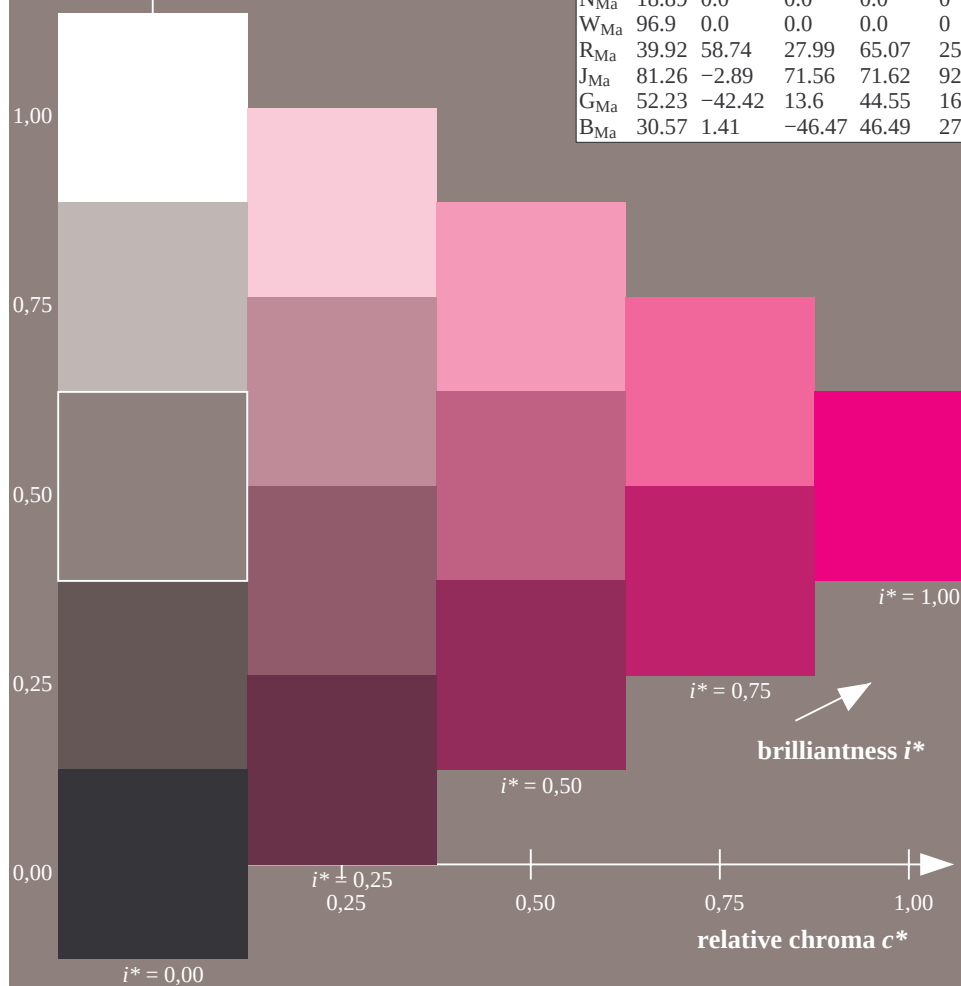
$LAB^*LCH^*_{Ma}$: 49 73 357

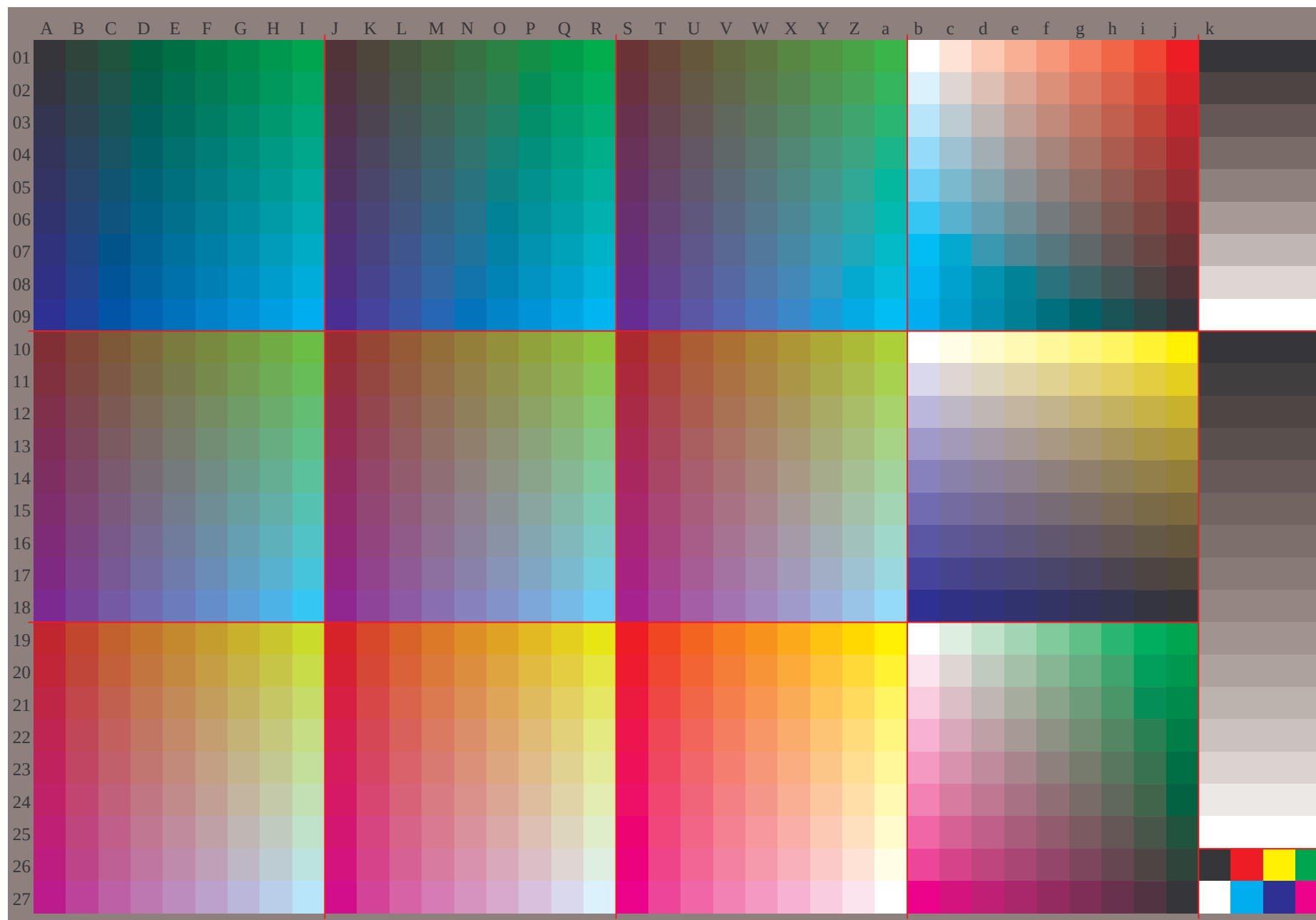
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5

$lab^*olv^*_{Ma}$: 1.0 0.0 0.89

triangle lightness t^*

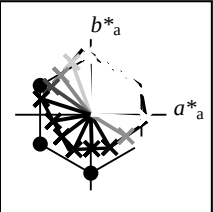
ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	





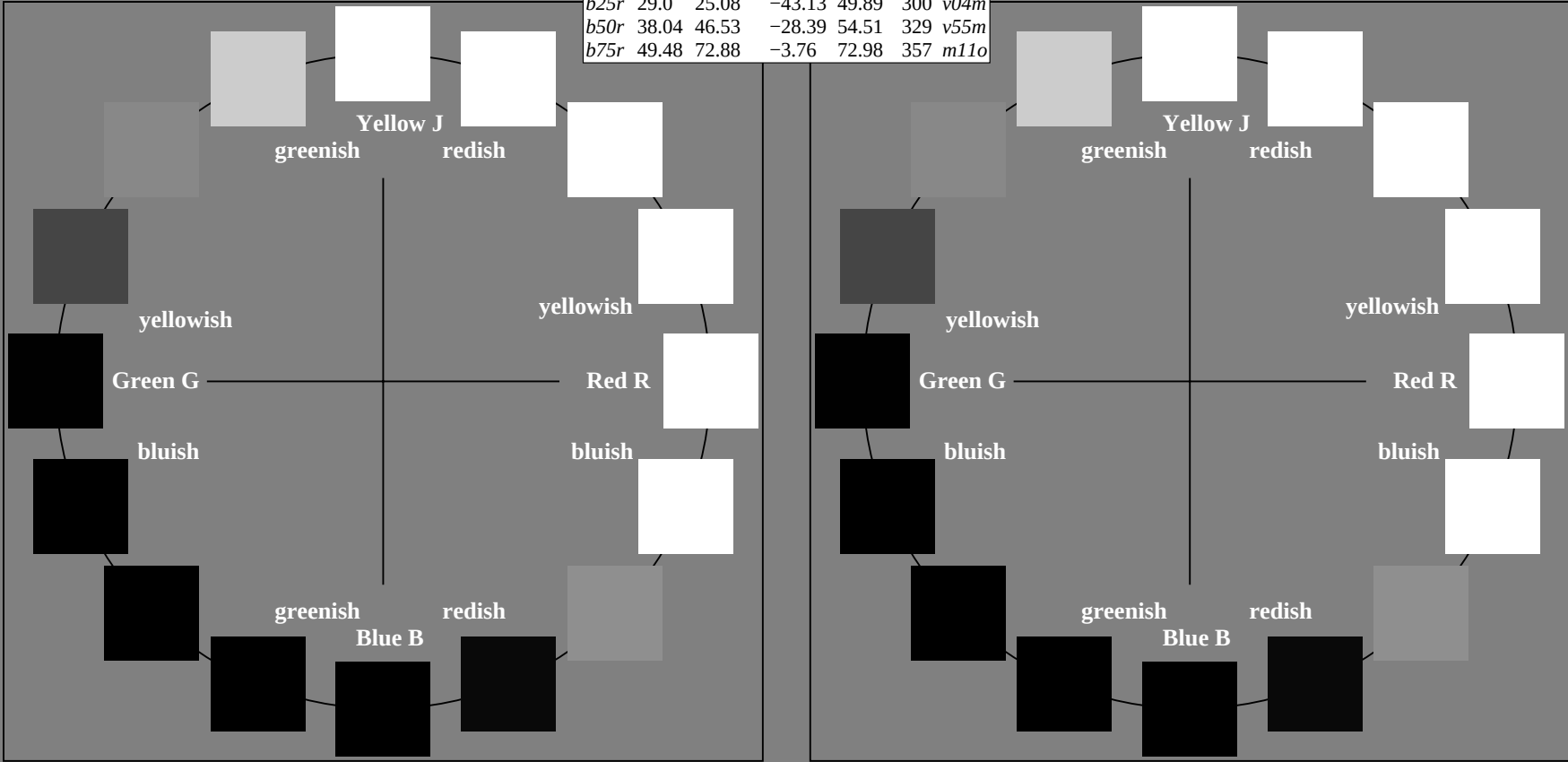
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u_e^* and number *no.* = 00 .. 15
elementary hue text:
 $u_e^* = 16$ hues *r00j, r25j, ..., b75r*
contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



%Gamut
 $u_{rel}^* = 89$
%Regularity
 $g_{H,rel}^* = 72$
 $g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data					
Name	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

$u^*_e = r00j$

data for any colour:

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

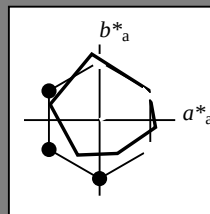
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 66 32

$LAB^*LCH^*_{Ma}$: 49 74 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.15

triangle lightness t^*

%Gamut

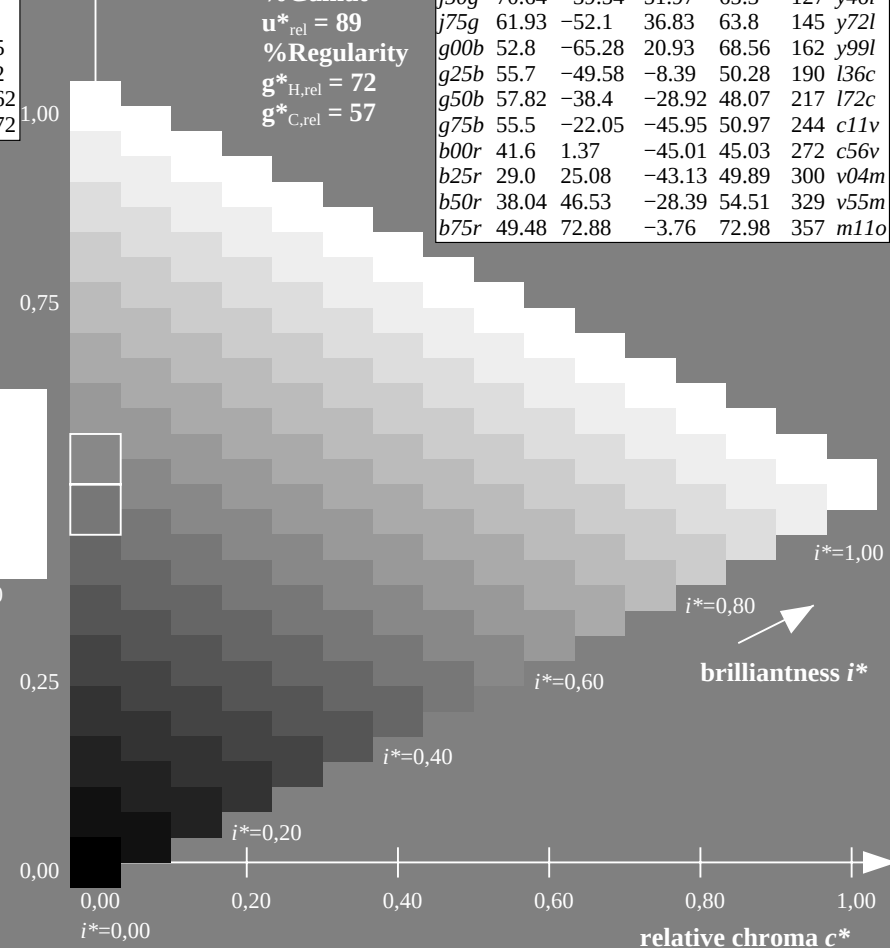
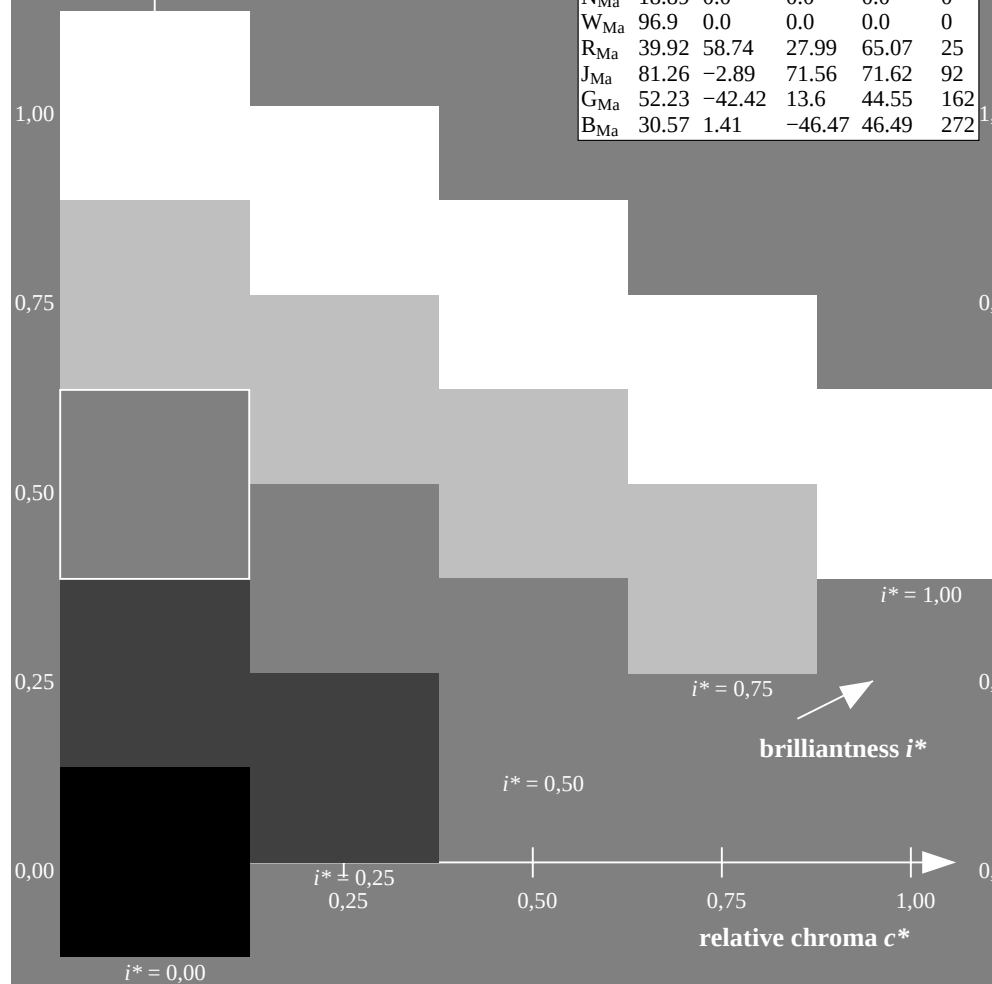
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$

$u^*_e = r25j$

data for any colour:

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

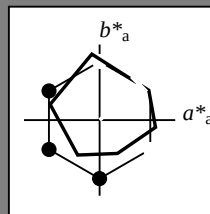
Hue texts:

$u^*_e = r25j$ $u^*_d = o17y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 52 47

$LAB^*LCH^*_{Ma}$: 56 71 42

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

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

triangle lightness t^*

%Gamut

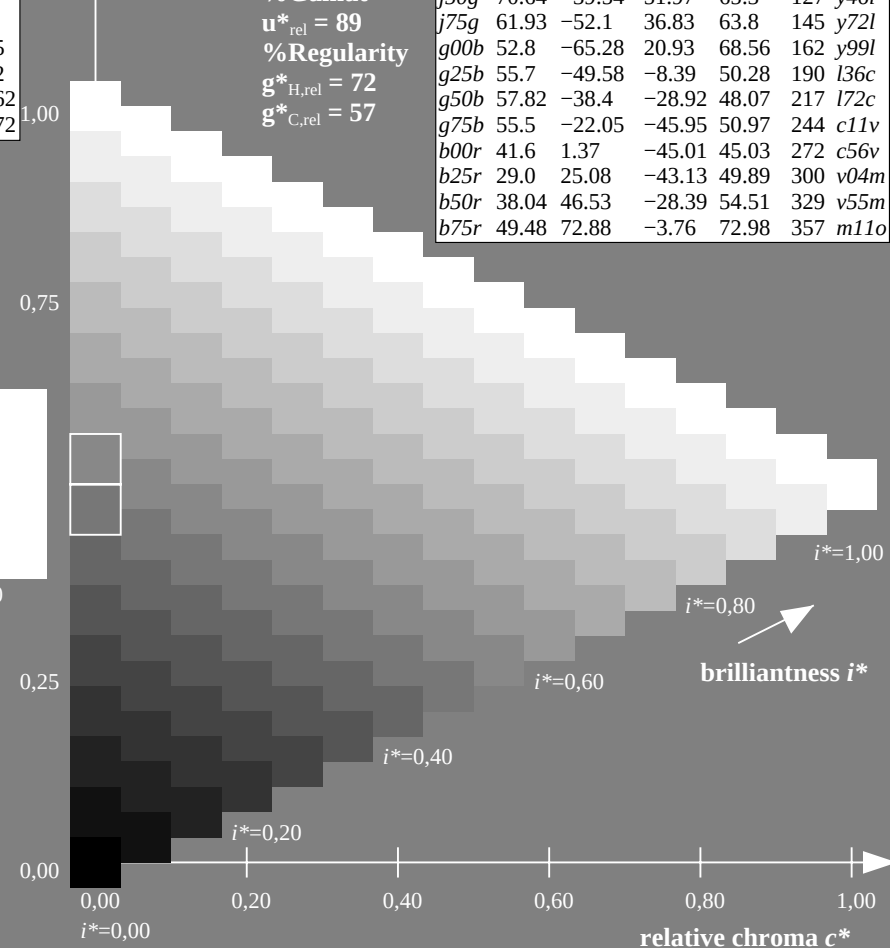
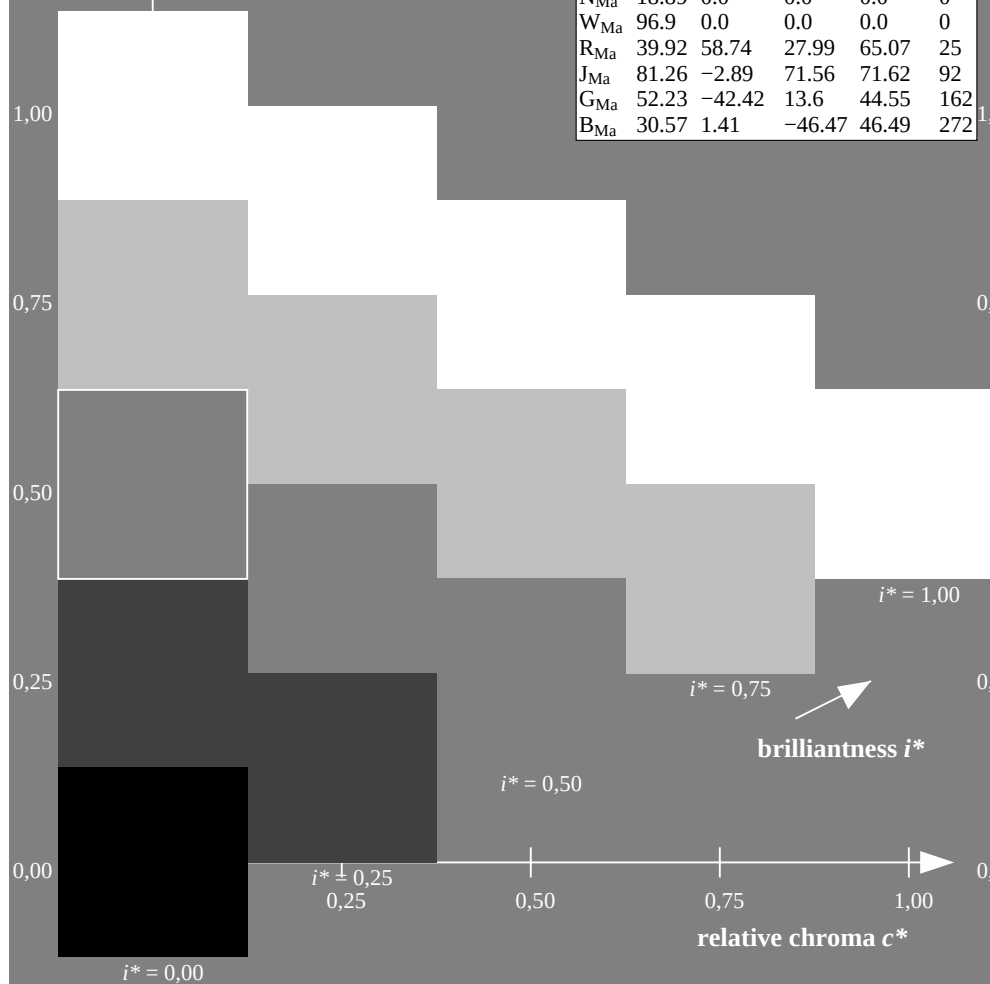
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$

$u^*_e = r50j$

data for any colour:

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

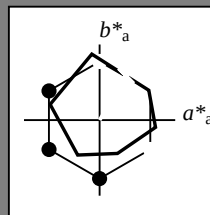
Hue texts:

$u^*_e = r50j$ $u^*_d = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 35 58

$LAB^*LCH^*_{Ma}$: 65 68 58

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

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

triangle lightness t^*

%Gamut

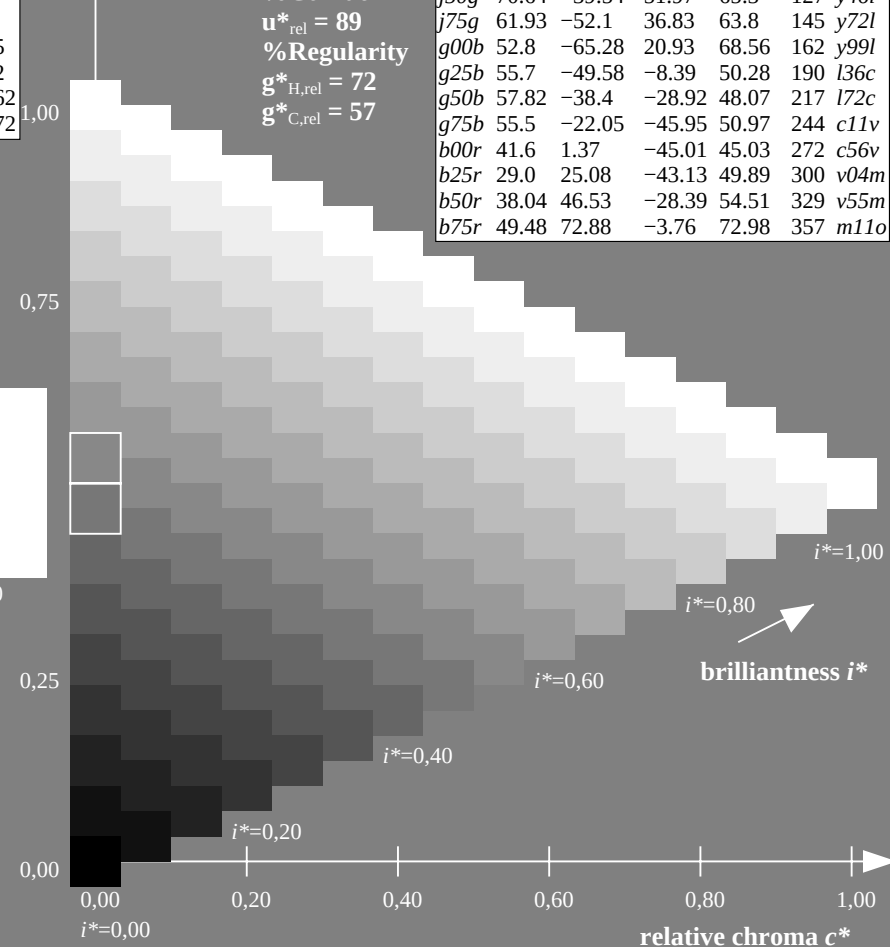
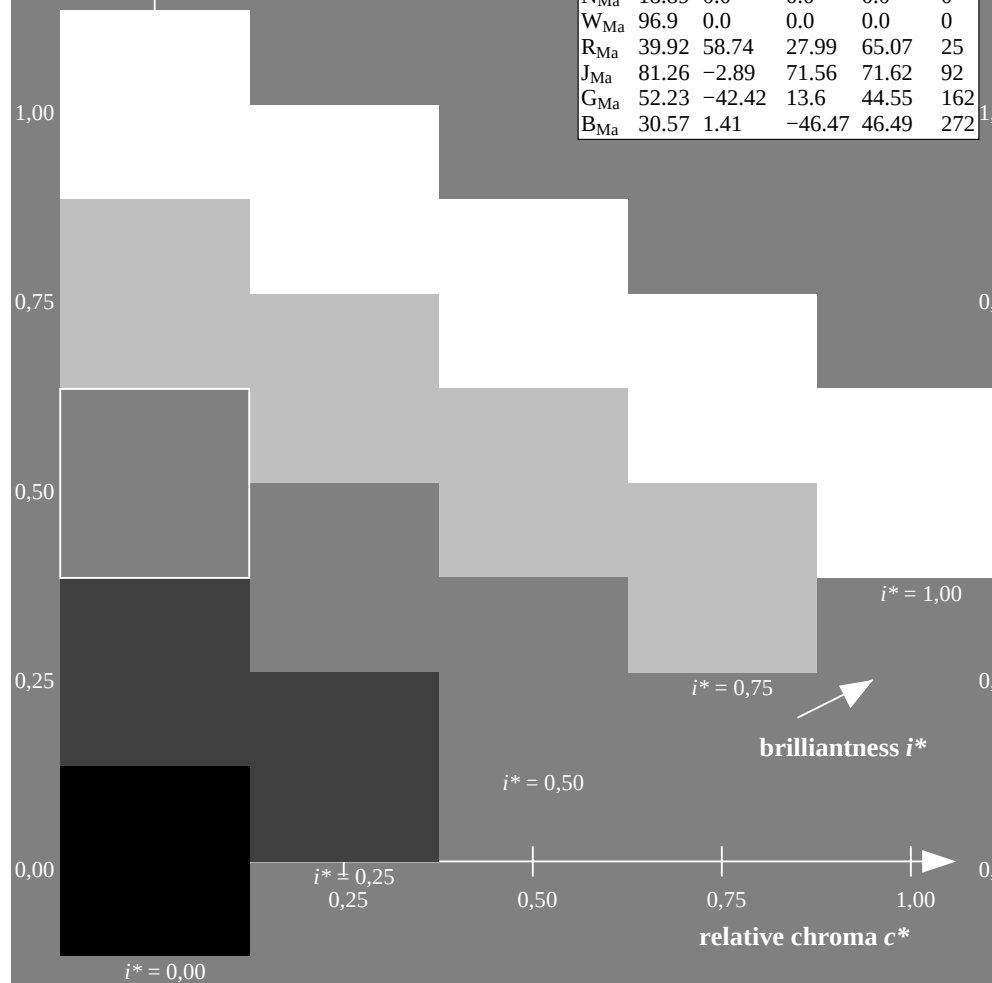
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

$u^*_e = r75j$

data for any colour:

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

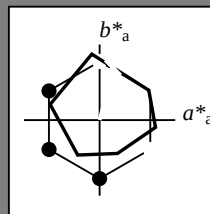
Hue texts:

$u^*_e = r75j$ $u^*_d = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

$LAB^*LCH^*_{Ma}$: 75 72 75

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

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

triangle lightness t^*

%Gamut

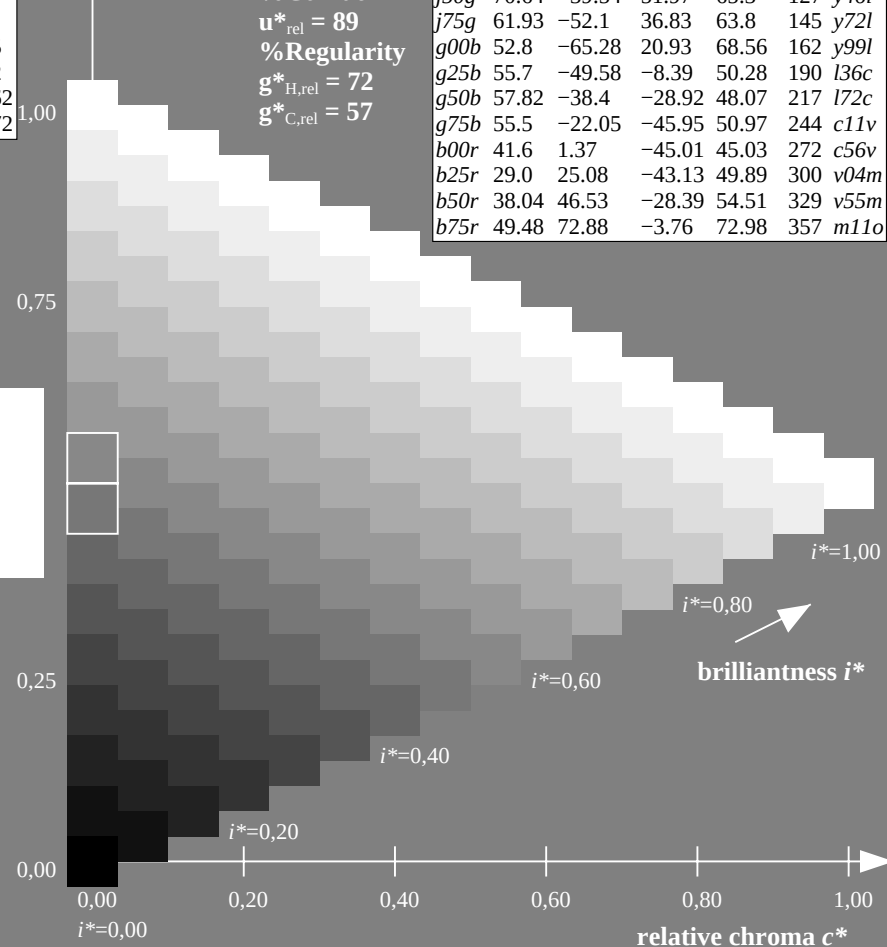
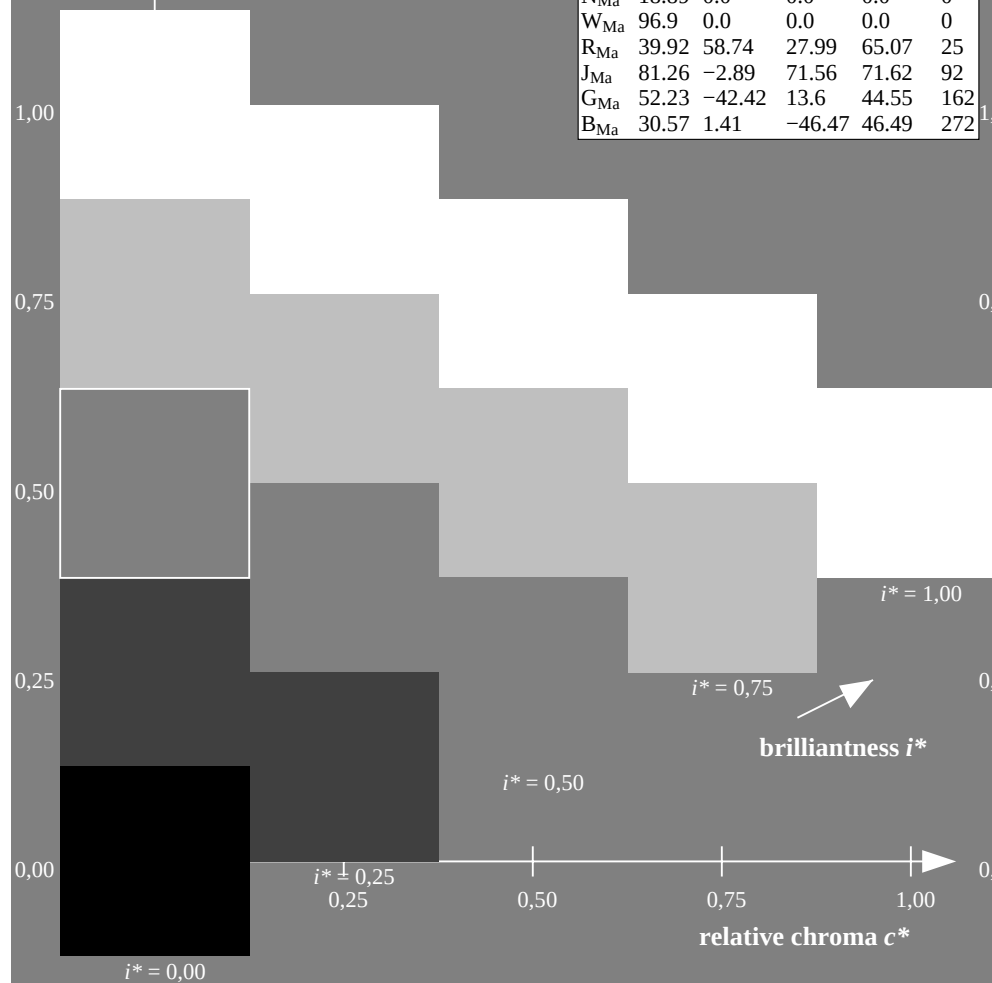
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$
data for any colour:

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

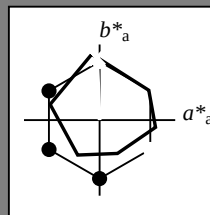
Hue texts:

$u^*_e = j00g$ $u^*_d = o92y$

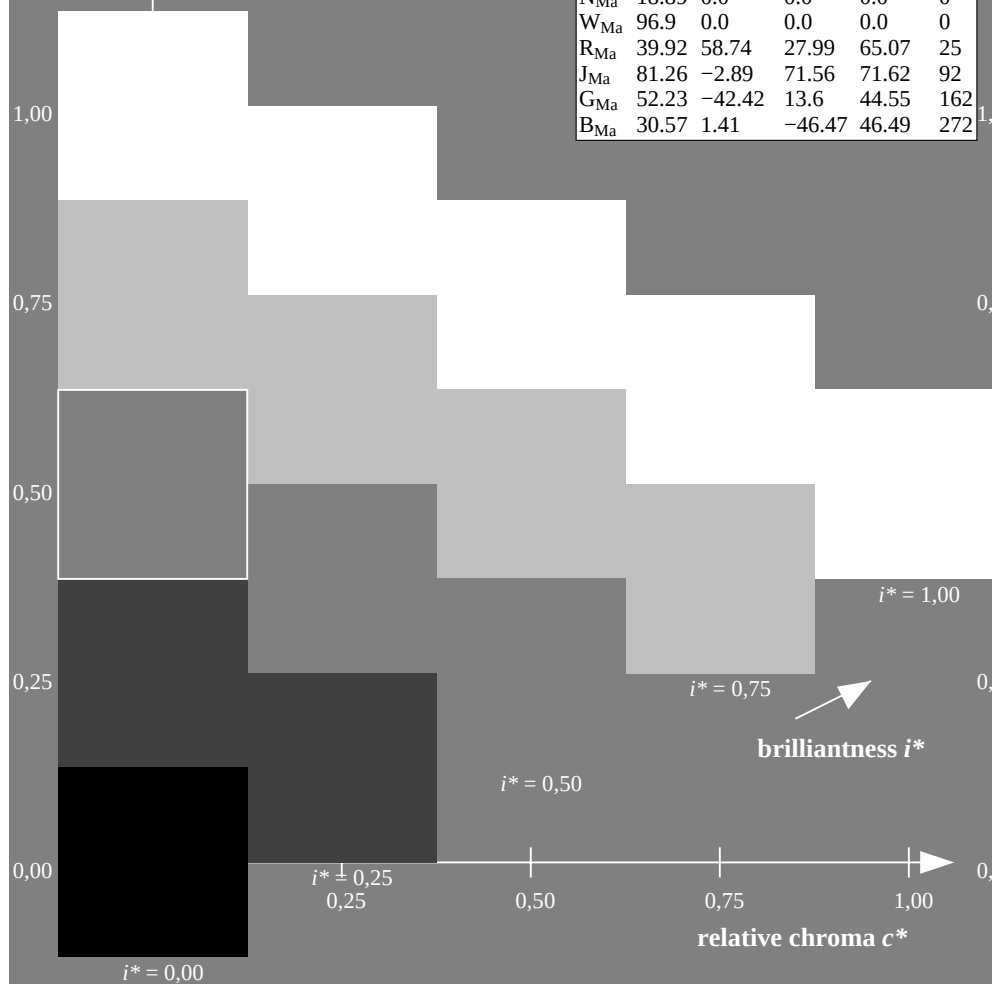
contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -3 83

$LAB^*LCH^*_{Ma}$: 87 83 92

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

$lab^*olv^*_{Ma}$: 1.0 0.93 0.0

triangle lightness t^*

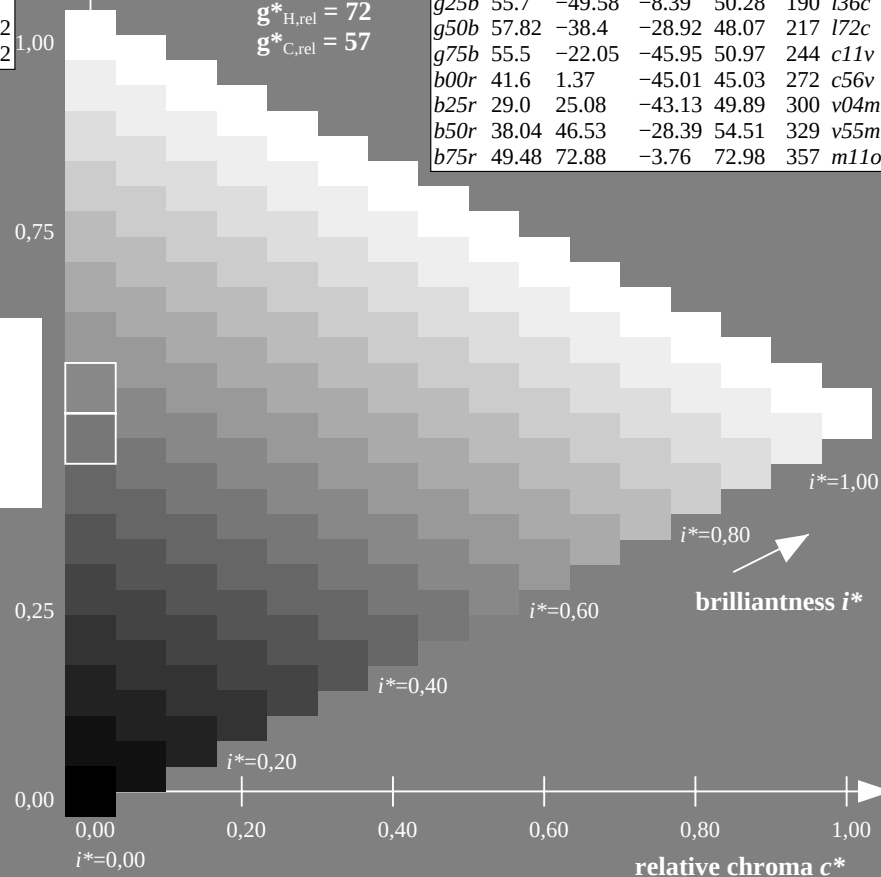
%Gamut

$u^*_{rel} = 89$

%Regularity

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

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



ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

$u^*_e = j25g$

data for any colour:

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

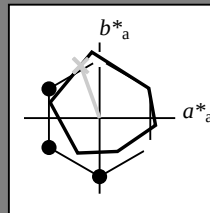
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

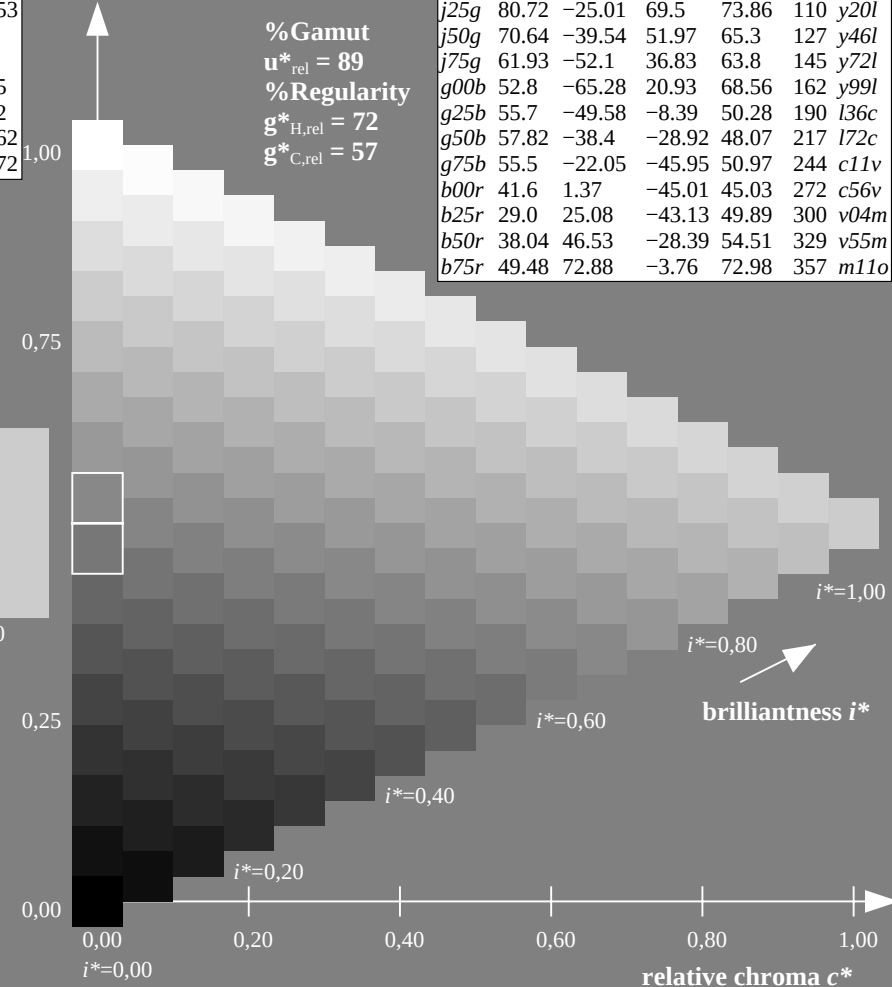
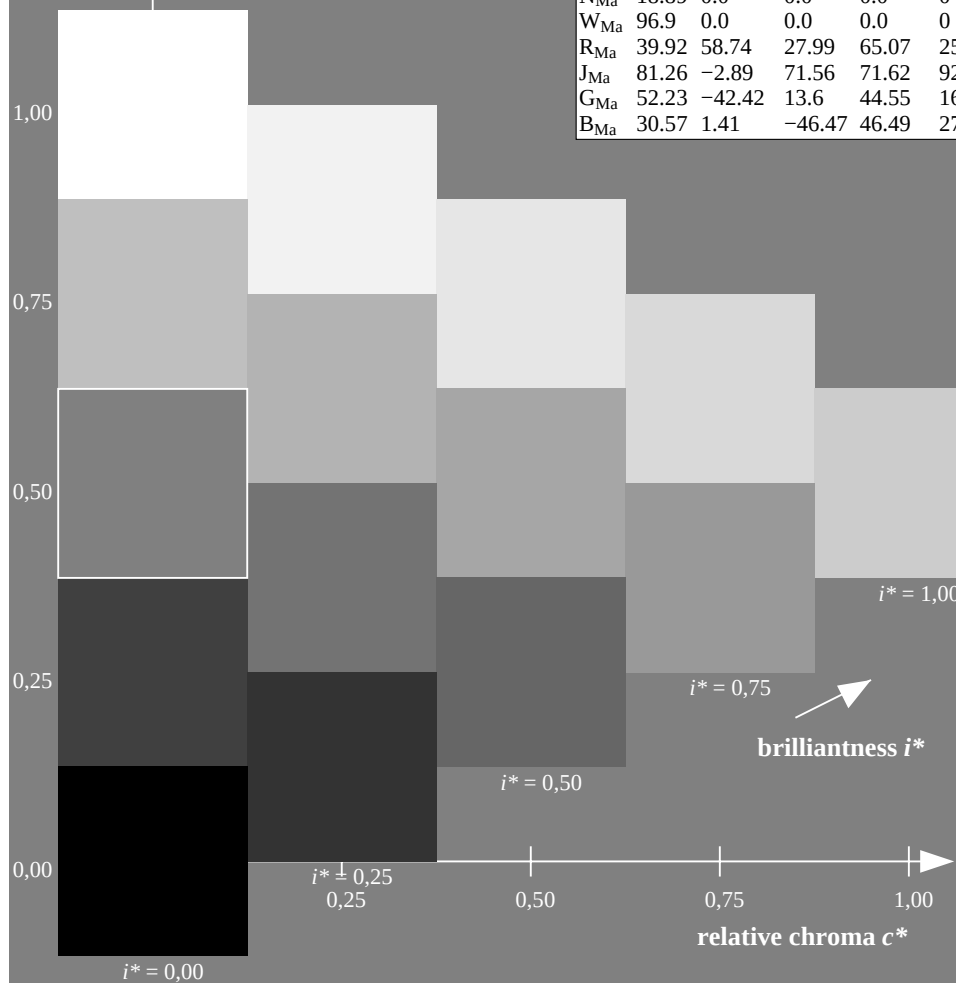
$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

$u^*_e = j50g$

data for any colour:

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

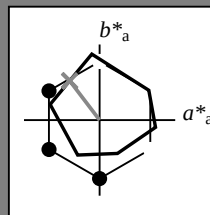
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -40 52

$LAB^*LCH^*_{Ma}$: 71 65 127

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

$lab^*olv^*_{Ma}$: 0.54 1.0 0.0

triangle lightness t^*

%Gamut

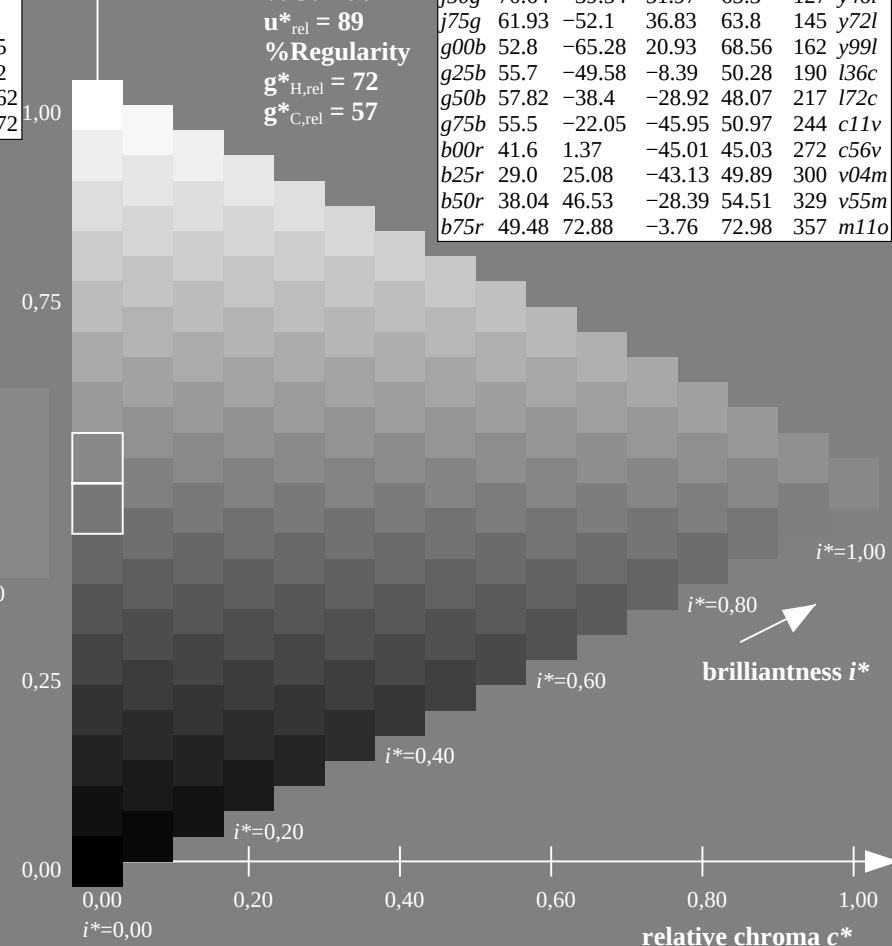
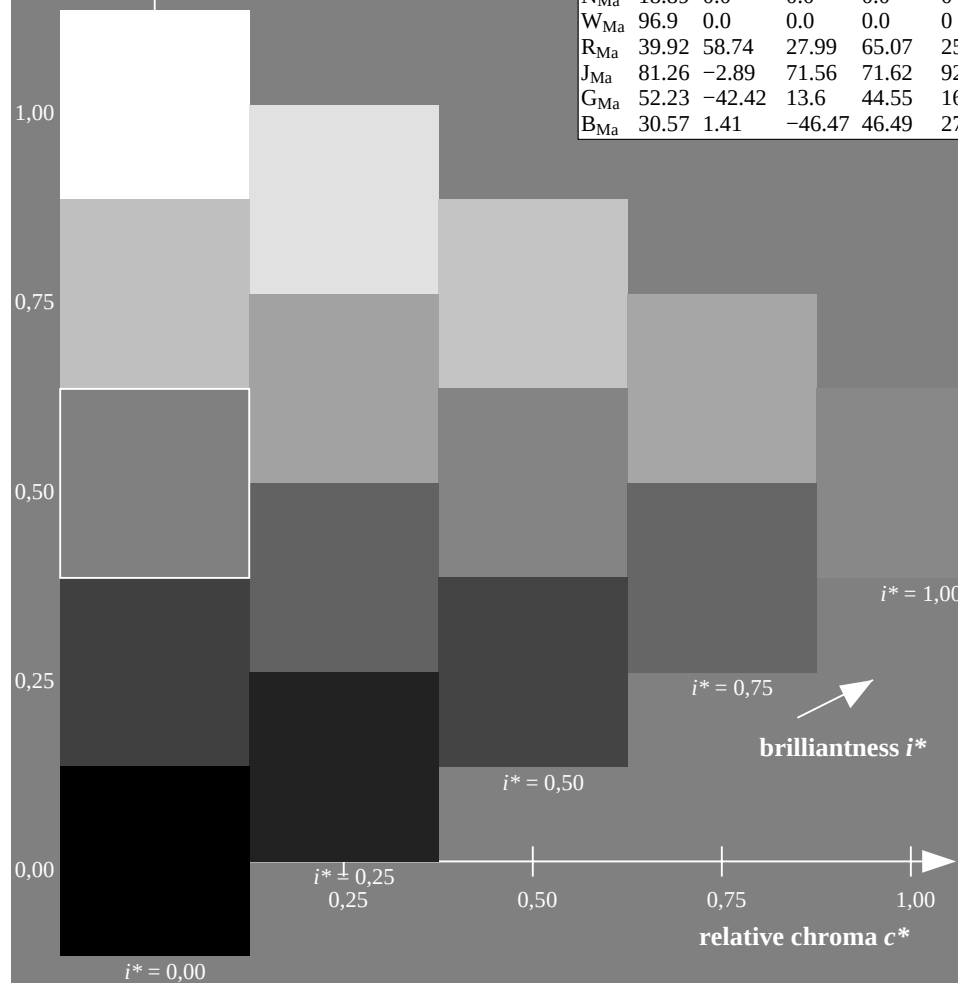
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

$u^*_e = j75g$

data for any colour:

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

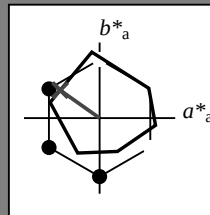
Hue texts:

$u^*_e = j75g$ $u^*_d = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -52 37

$LAB^*LCH^*_{Ma}$: 62 64 144

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

$lab^*olv^*_{Ma}$: 0.27 1.0 0.0

triangle lightness t^*

%Gamut

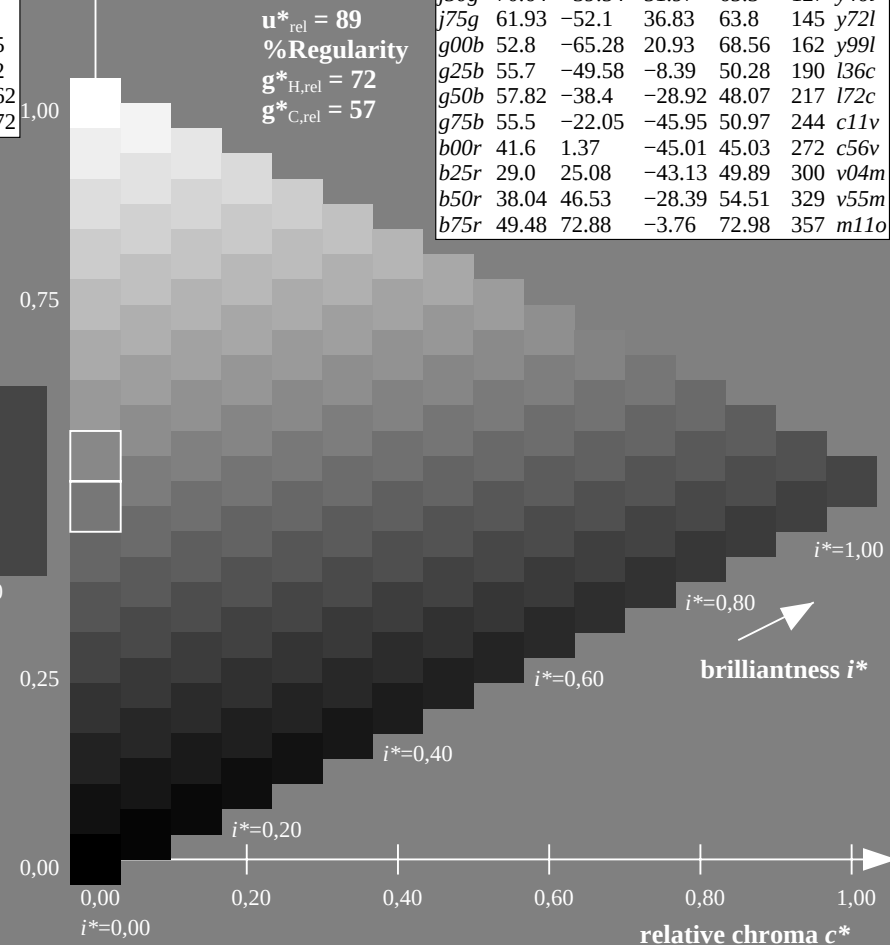
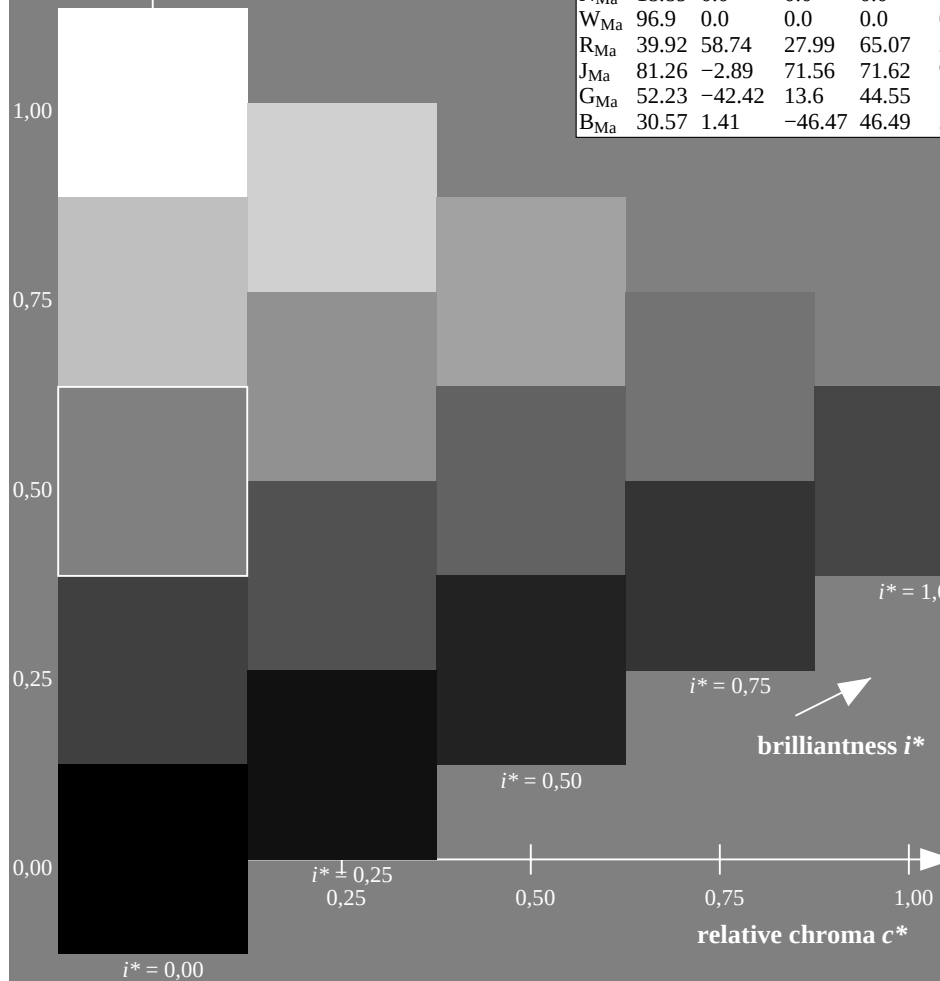
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

$u^*_e = g00b$

data for any colour:

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

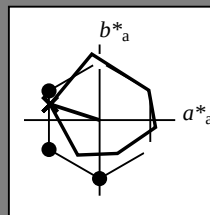
Hue texts:

$u^*_e = g00b$ $u^*_d = y99l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 53 -65 21$

$LAB^*LCH^*_{Ma}: 53 69 162$

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

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

triangle lightness t^*

%Gamut

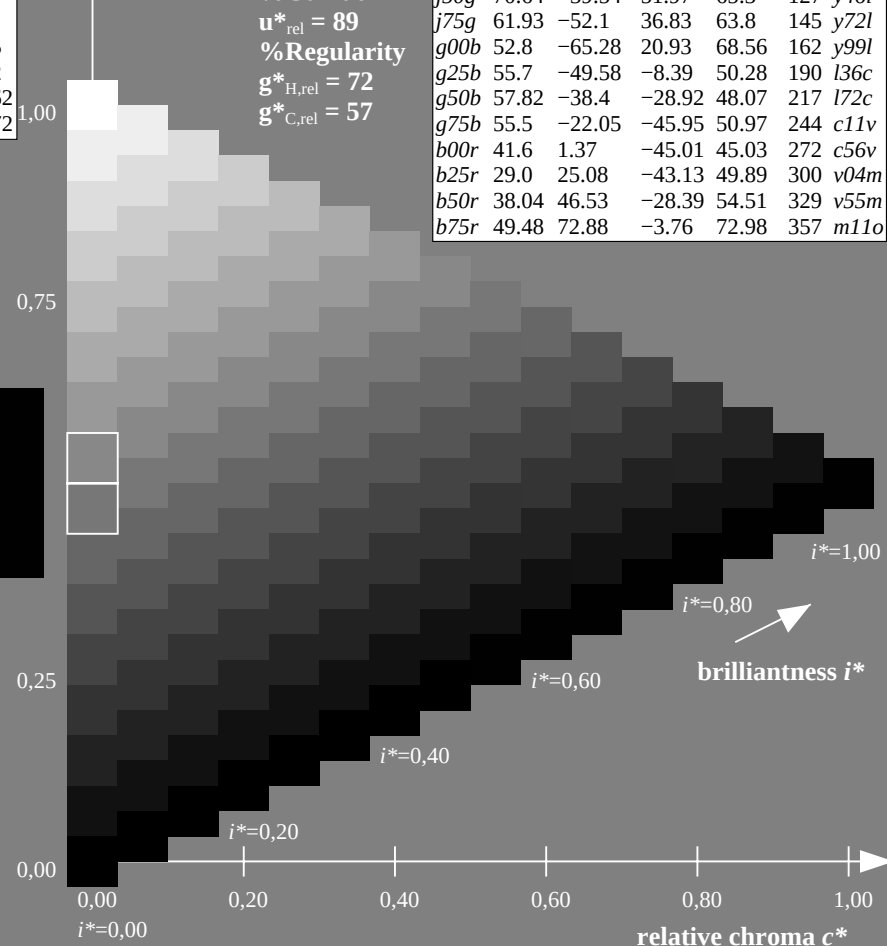
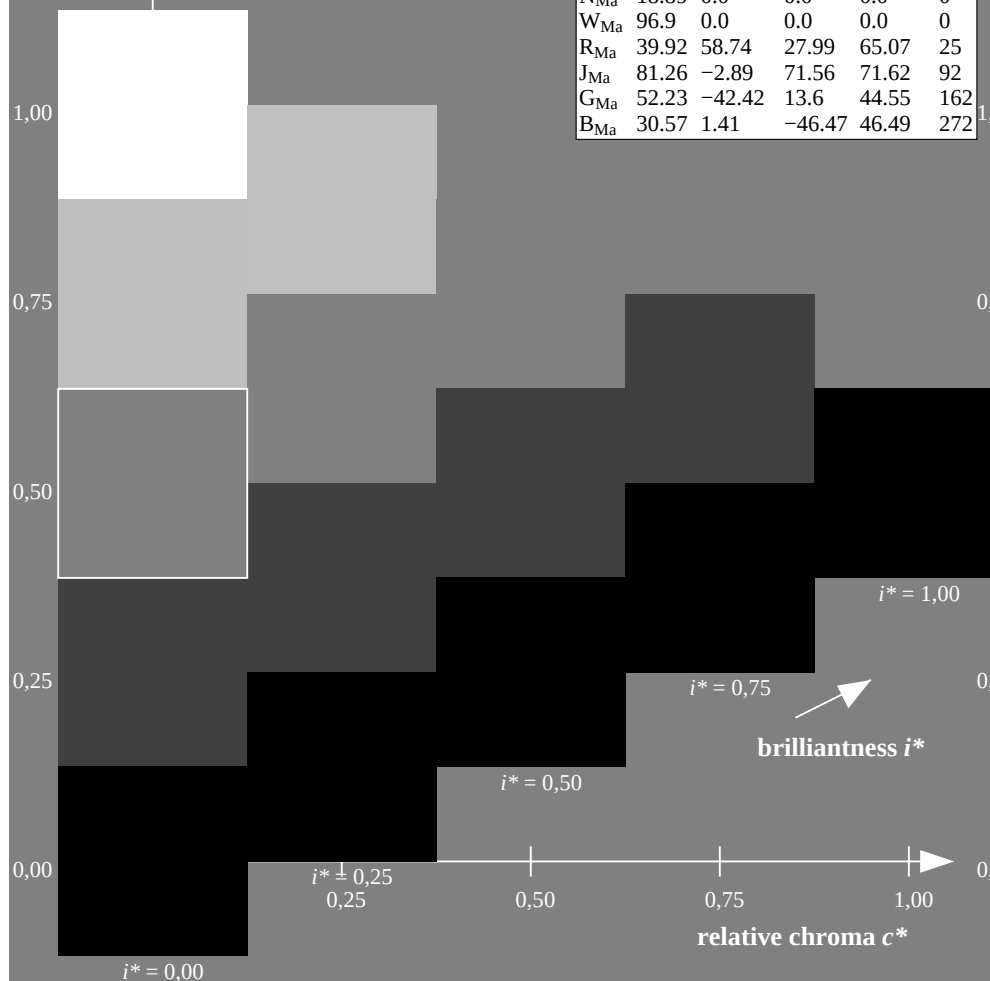
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

$u^*_e = g25b$

data for any colour:

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

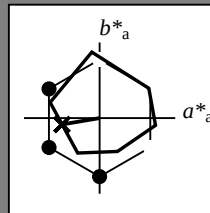
Hue texts:

$u^*_e = g25b$ $u^*_d = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 56 -50 -8$

$LAB^*LCH^*_{Ma}: 56 50 189$

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

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

triangle lightness t^*

%Gamut

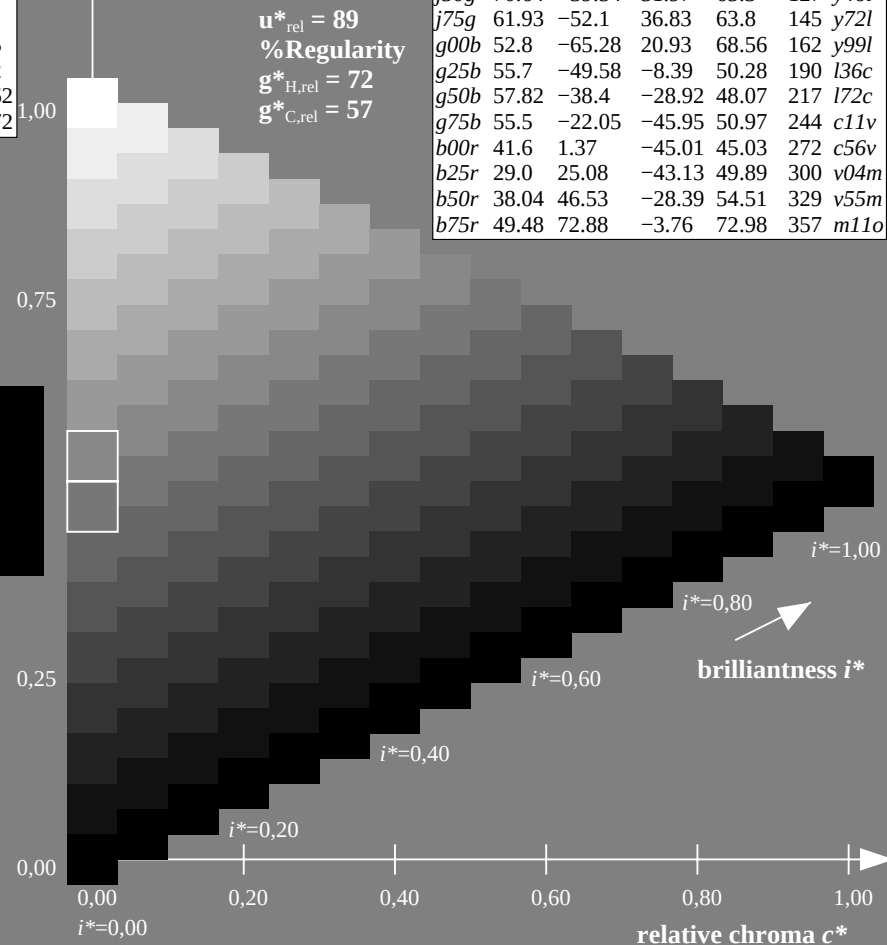
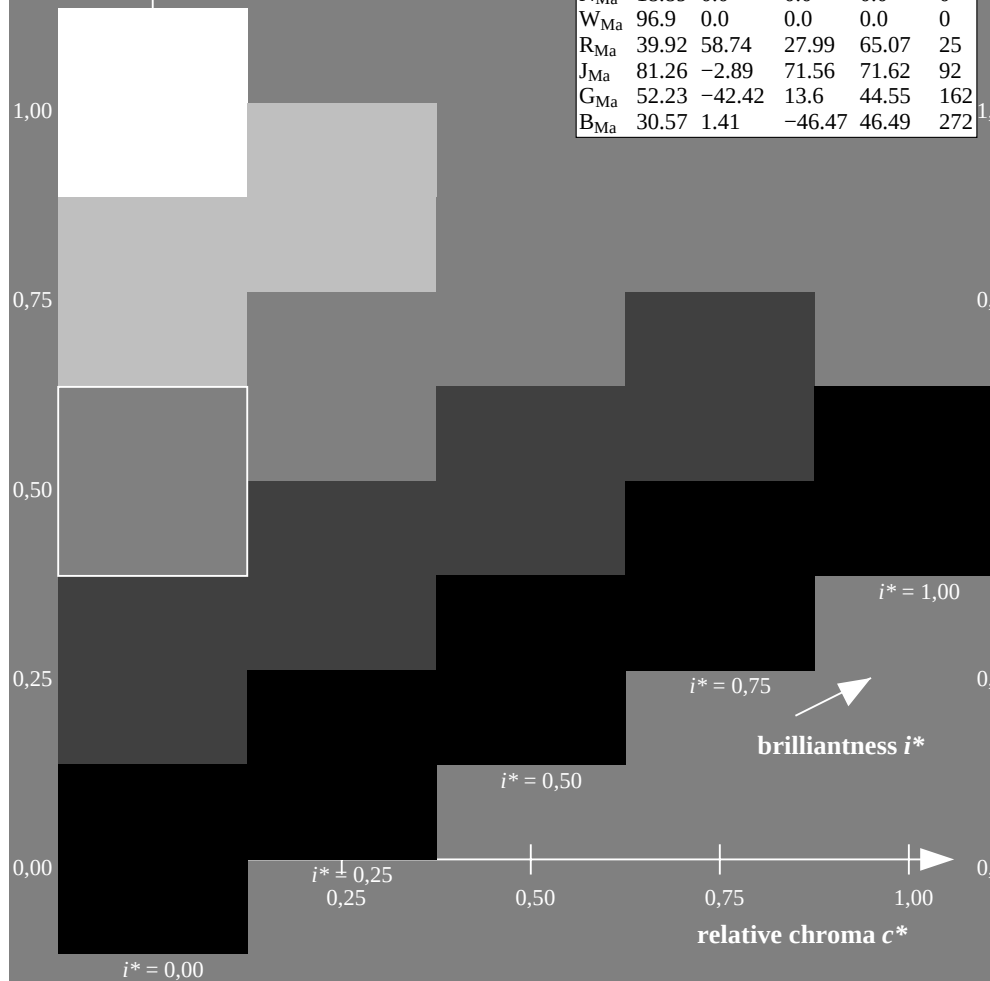
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

$u^*_e = g50b$

data for any colour:

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

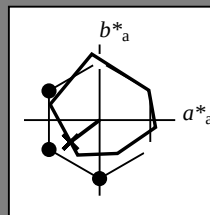
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 58 -38 -29$

$LAB^*LCH^*_{Ma}: 58 48 216$

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

$lab^*olv^*_{Ma}: 0.0 1.0 0.72$

triangle lightness t^*

%Gamut

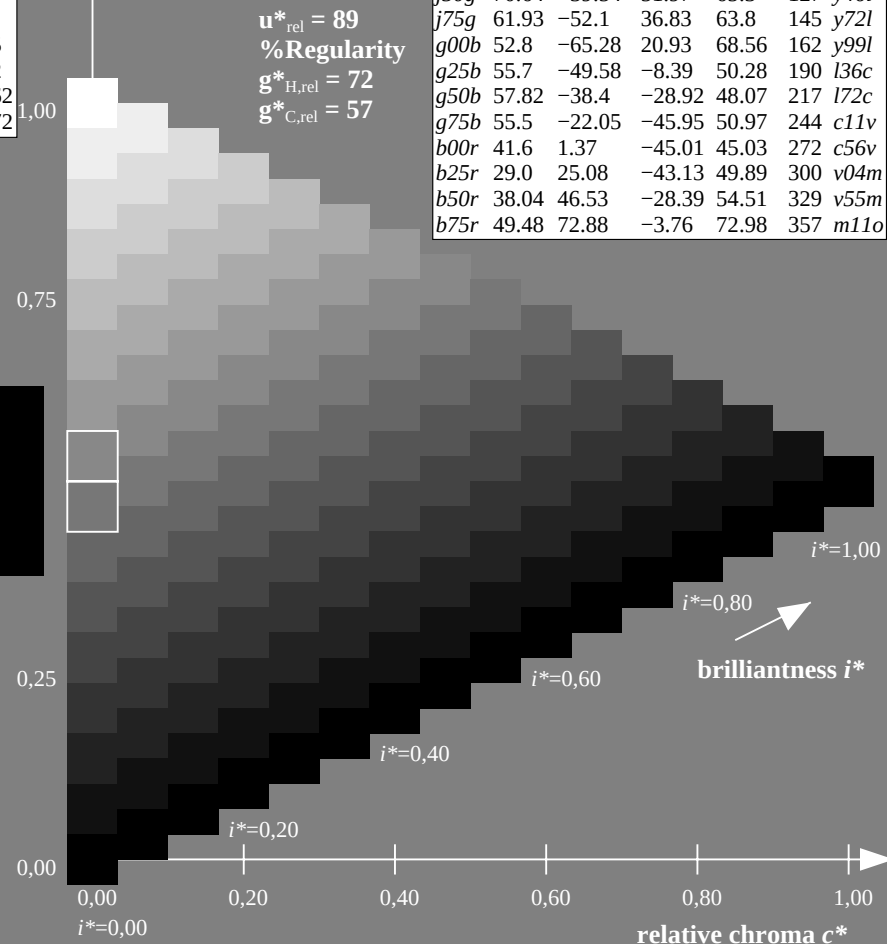
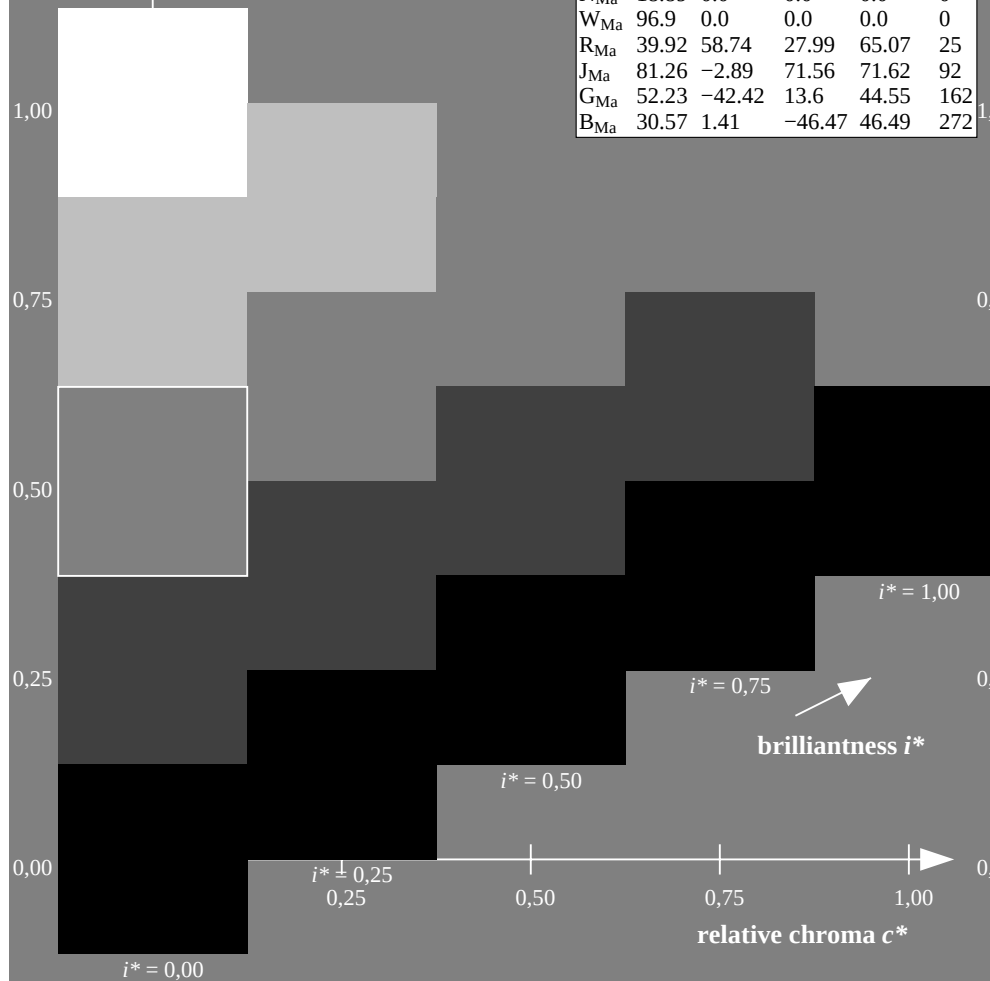
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

$u^*_e = g75b$

data for any colour:

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

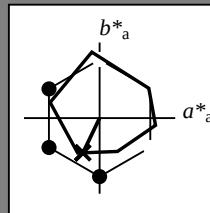
Hue texts:

$u^*_e = g75b$ $u^*_d = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -22 -46

$LAB^*LCH^*_{Ma}$: 55 51 244

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

$lab^*olv^*_{Ma}$: 0.0 0.89 1.0

triangle lightness t^*

%Gamut

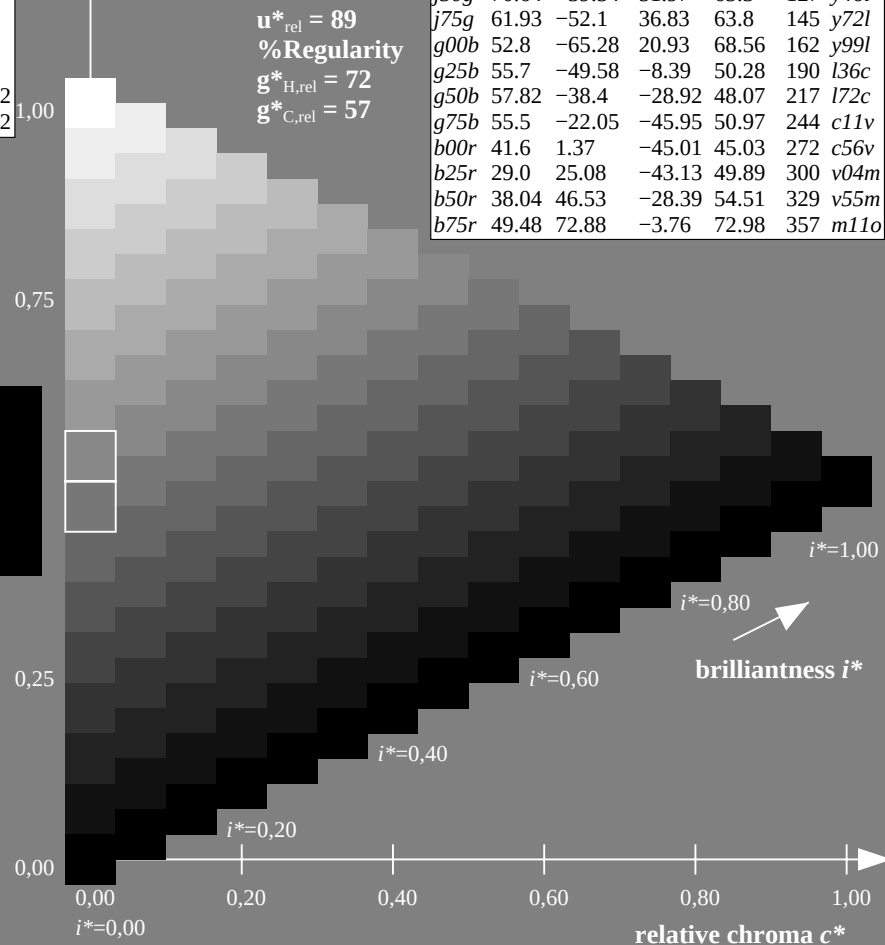
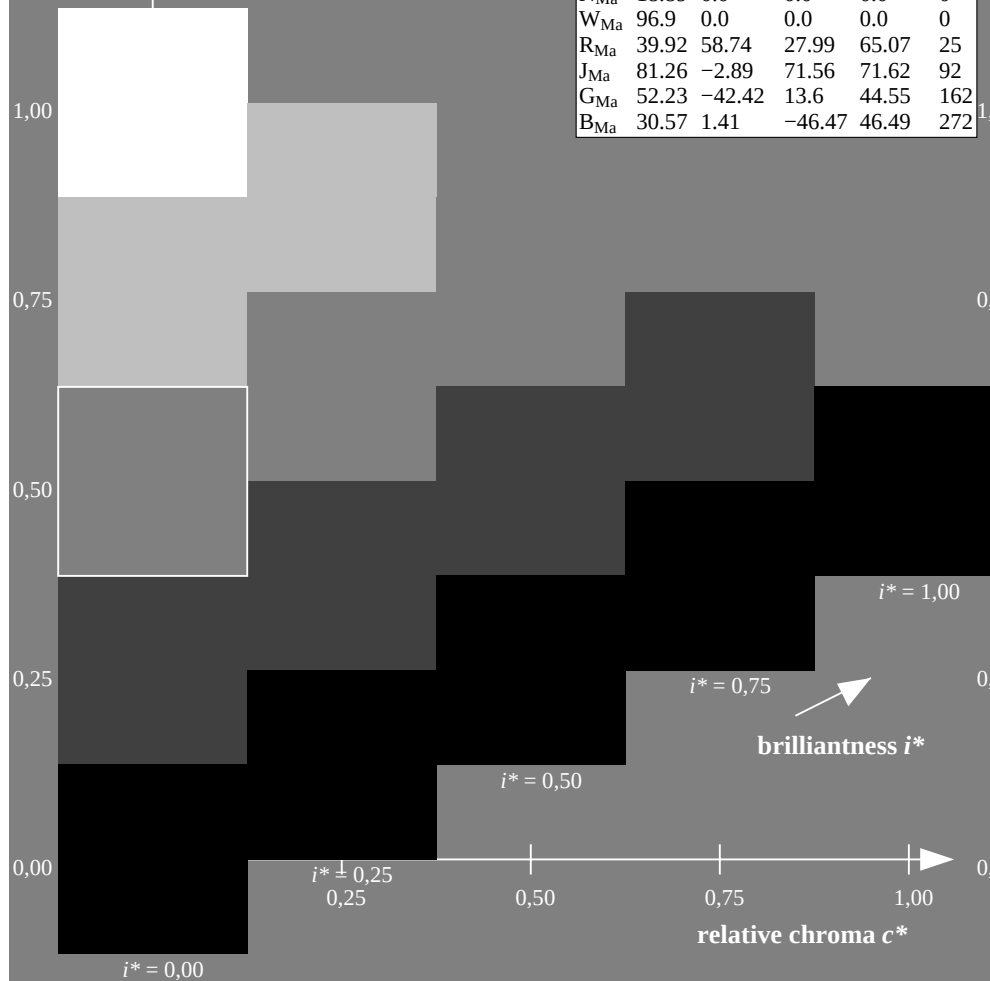
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$u^*_e = b00r$

data for any colour:

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

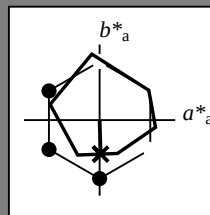
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

$LAB^*LCH^*_{Ma}$: 42 45 271

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

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

%Gamut

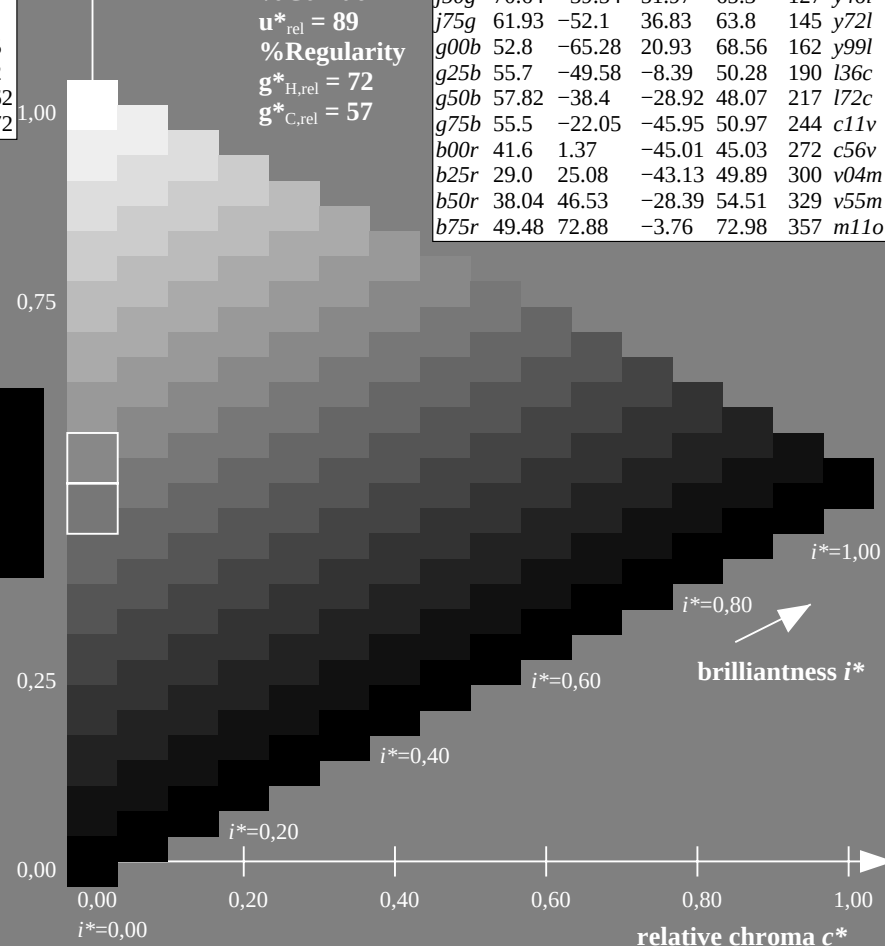
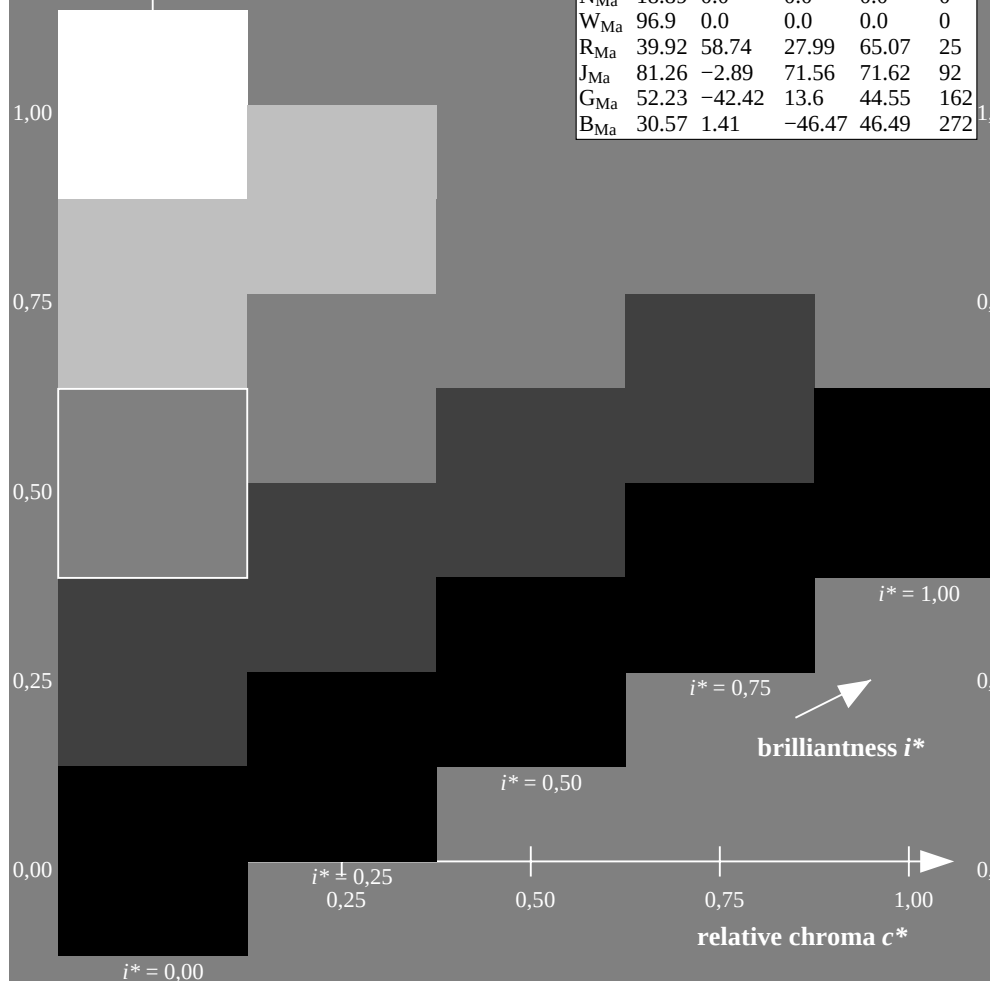
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

$u^*_e = b25r$

data for any colour:

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

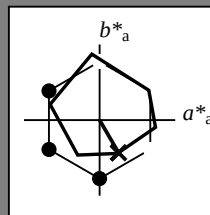
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 25 -43

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.04 0.0 1.0

triangle lightness t^*

%Gamut

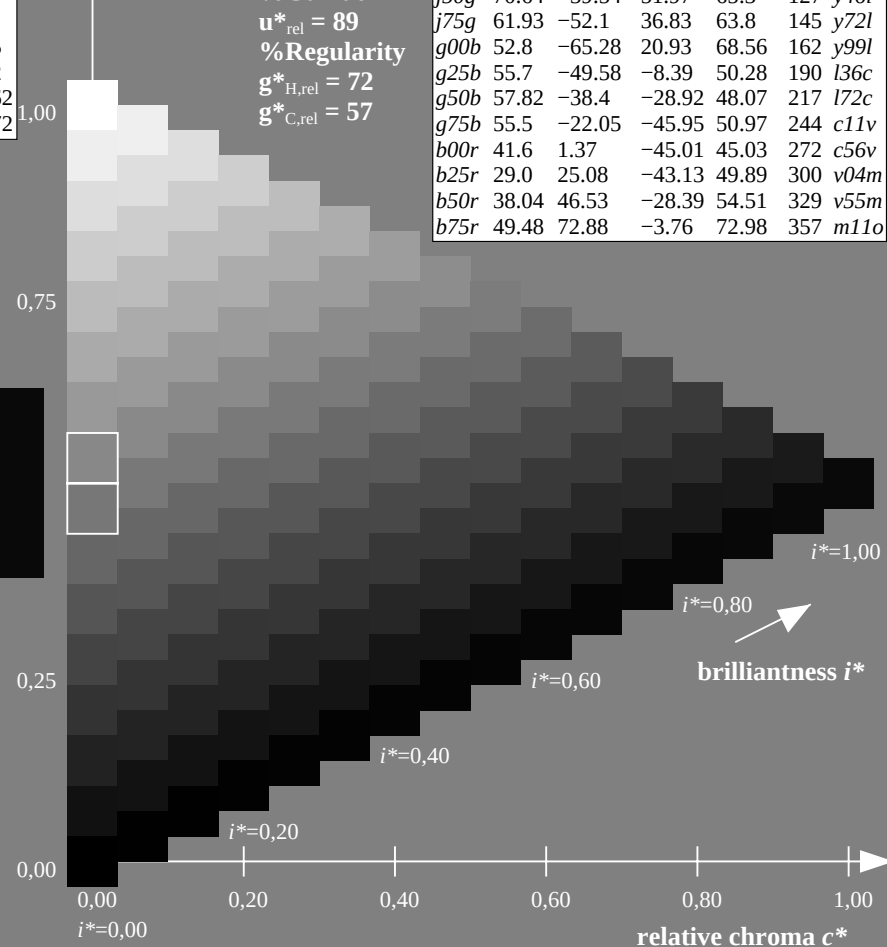
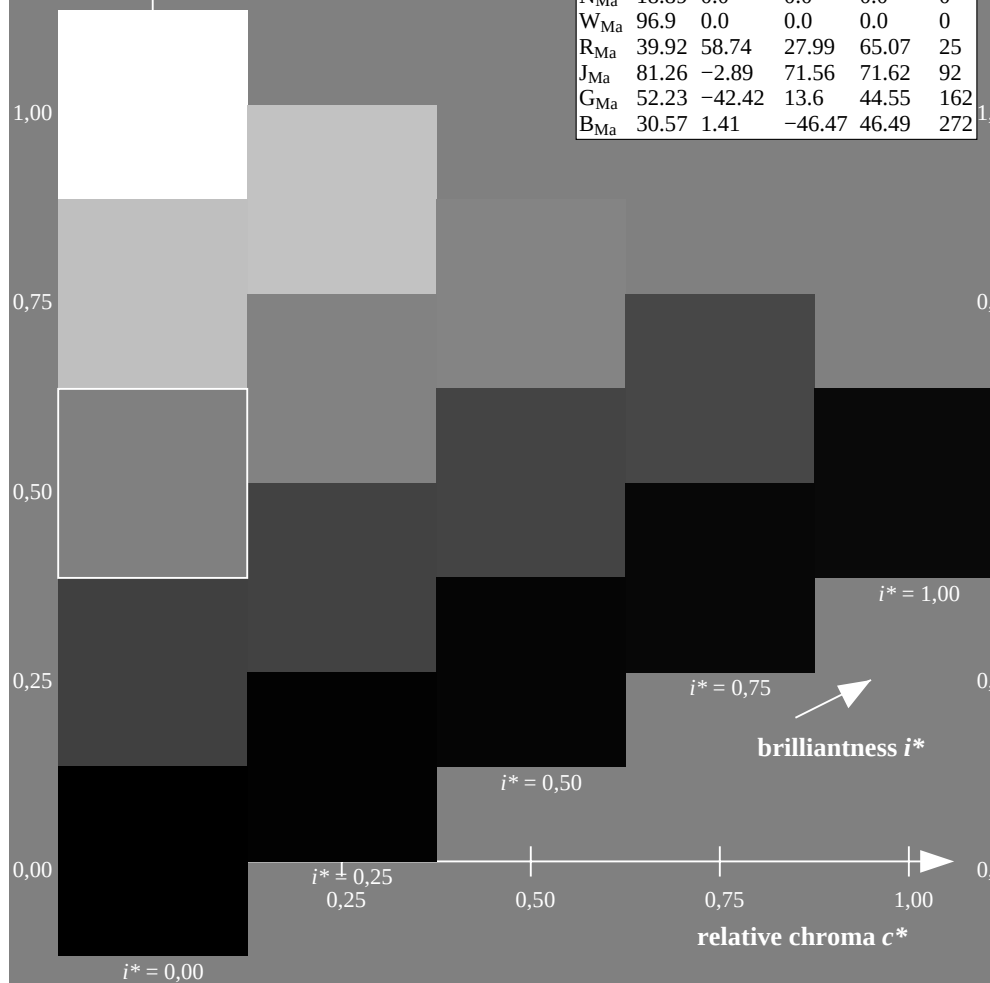
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

$u^*_e = b50r$

data for any colour:

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

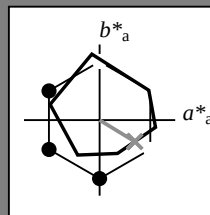
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

$LAB^*LCH^*_{Ma}$: 38 55 328

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

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

triangle lightness t^*

%Gamut

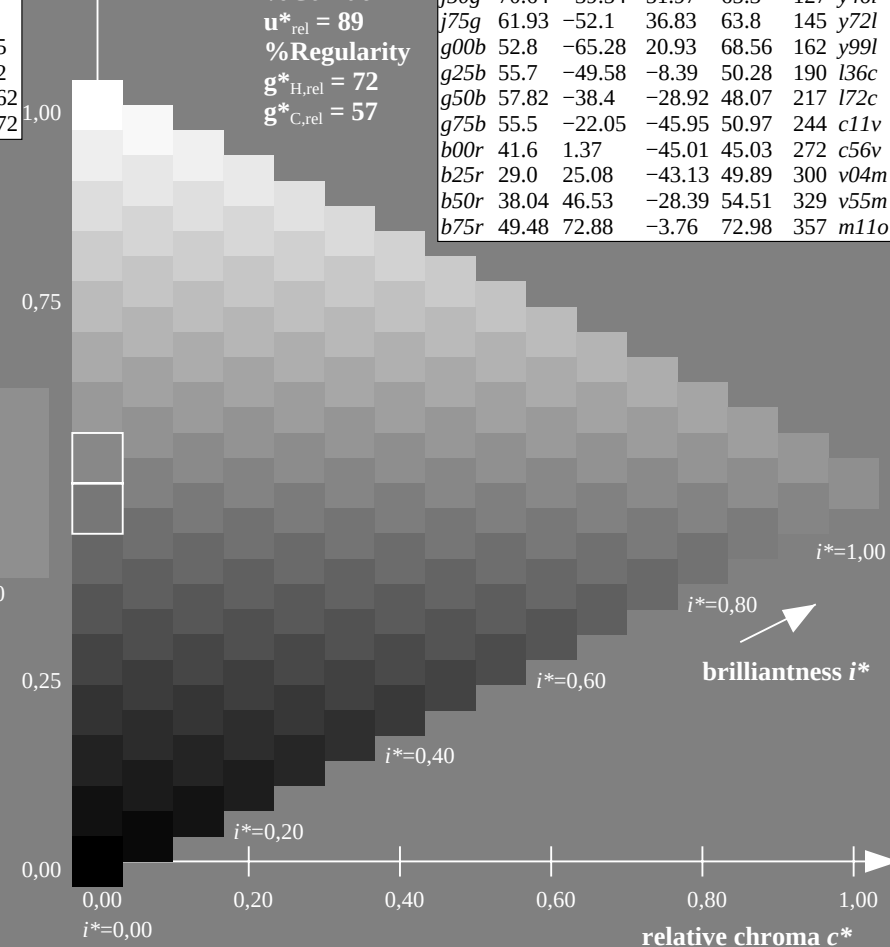
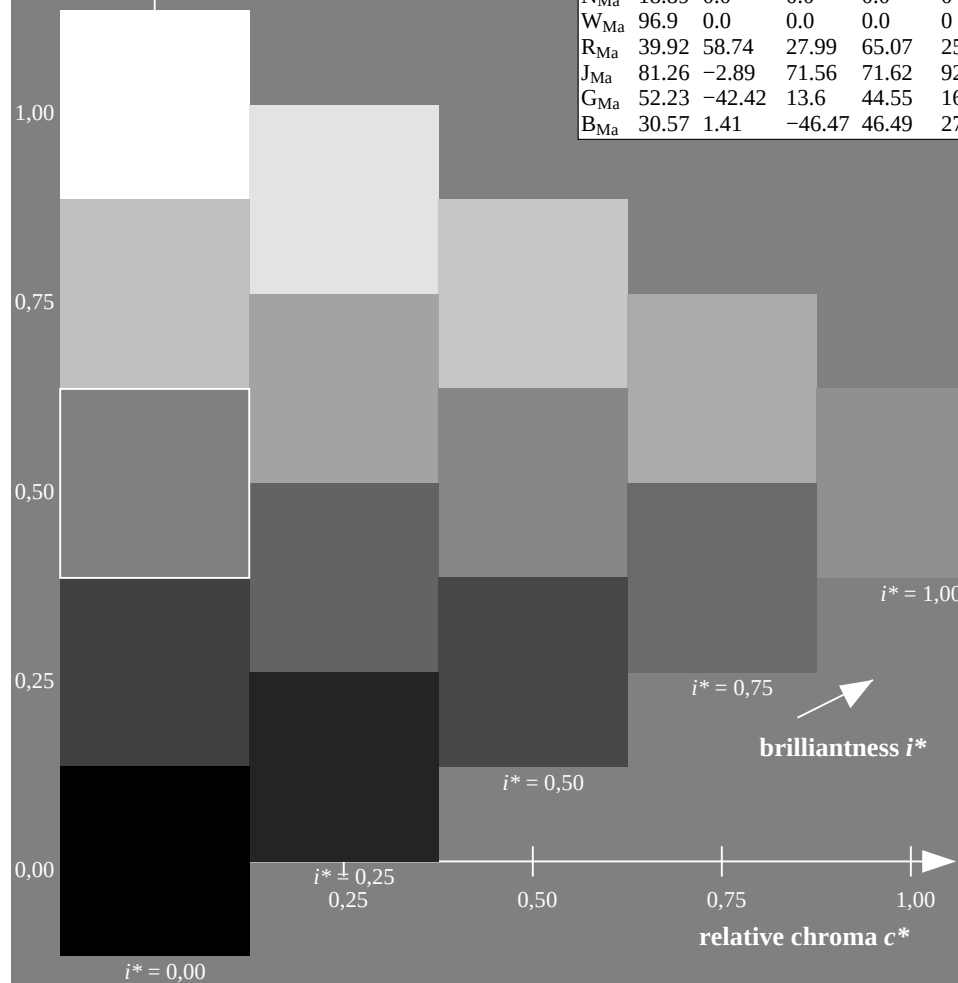
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

$u^*_e = b75r$

data for any colour:

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

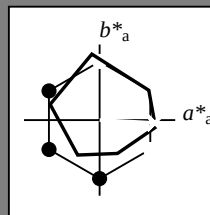
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 73 -4

$LAB^*LCH^*_{Ma}$: 49 73 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.89

triangle lightness t^*

%Gamut

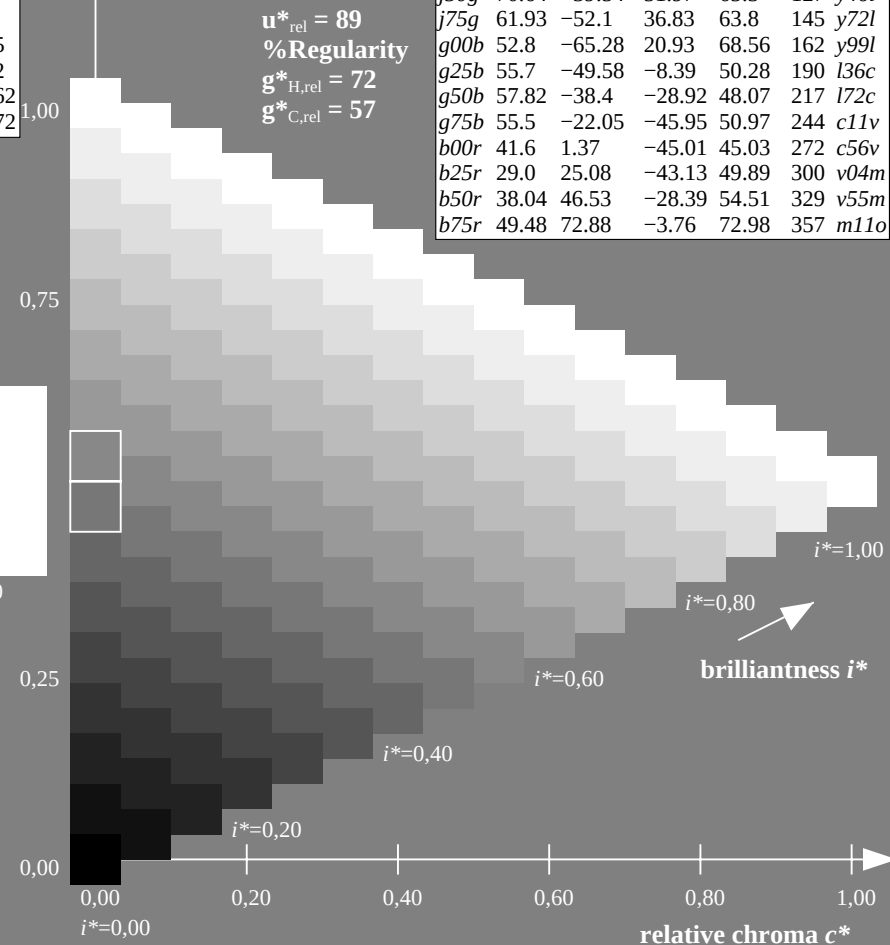
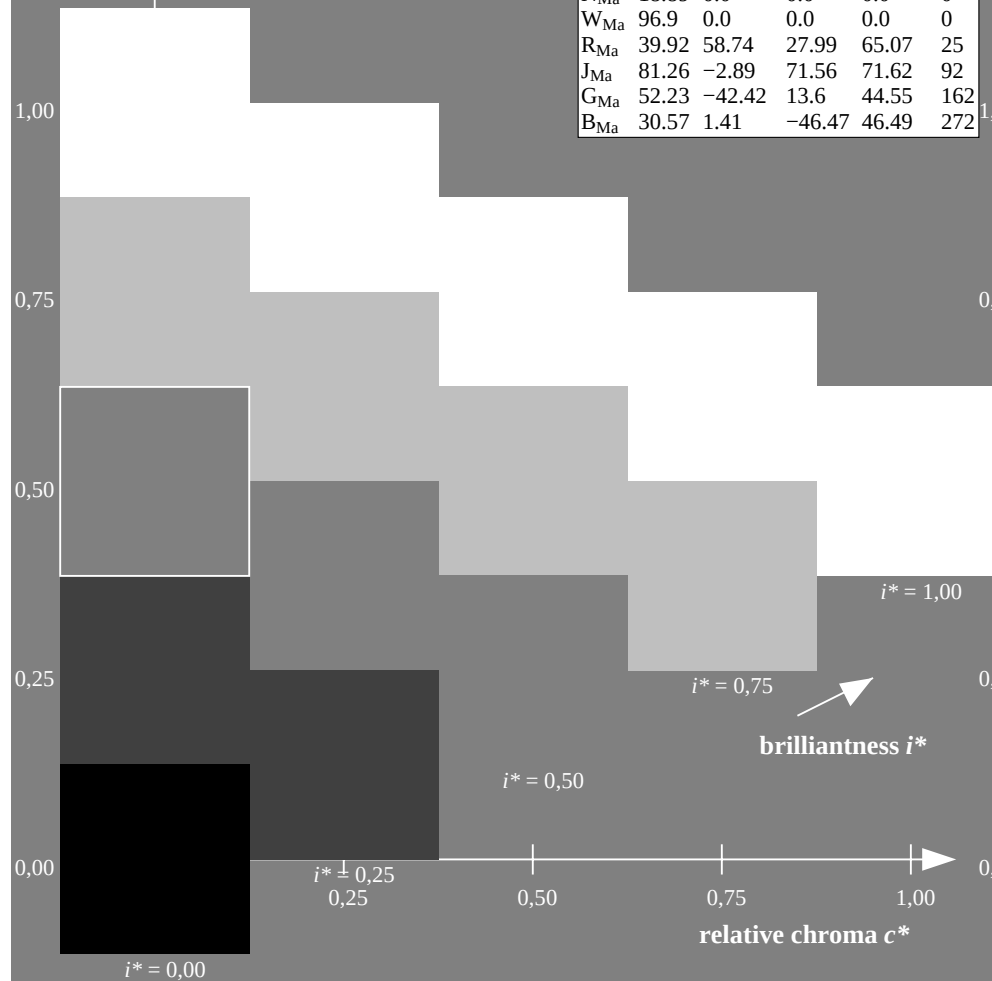
$u^*_{rel} = 89$

%Regularity

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

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

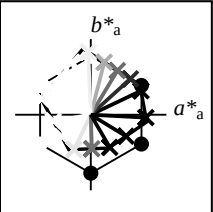
ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



[illegible]

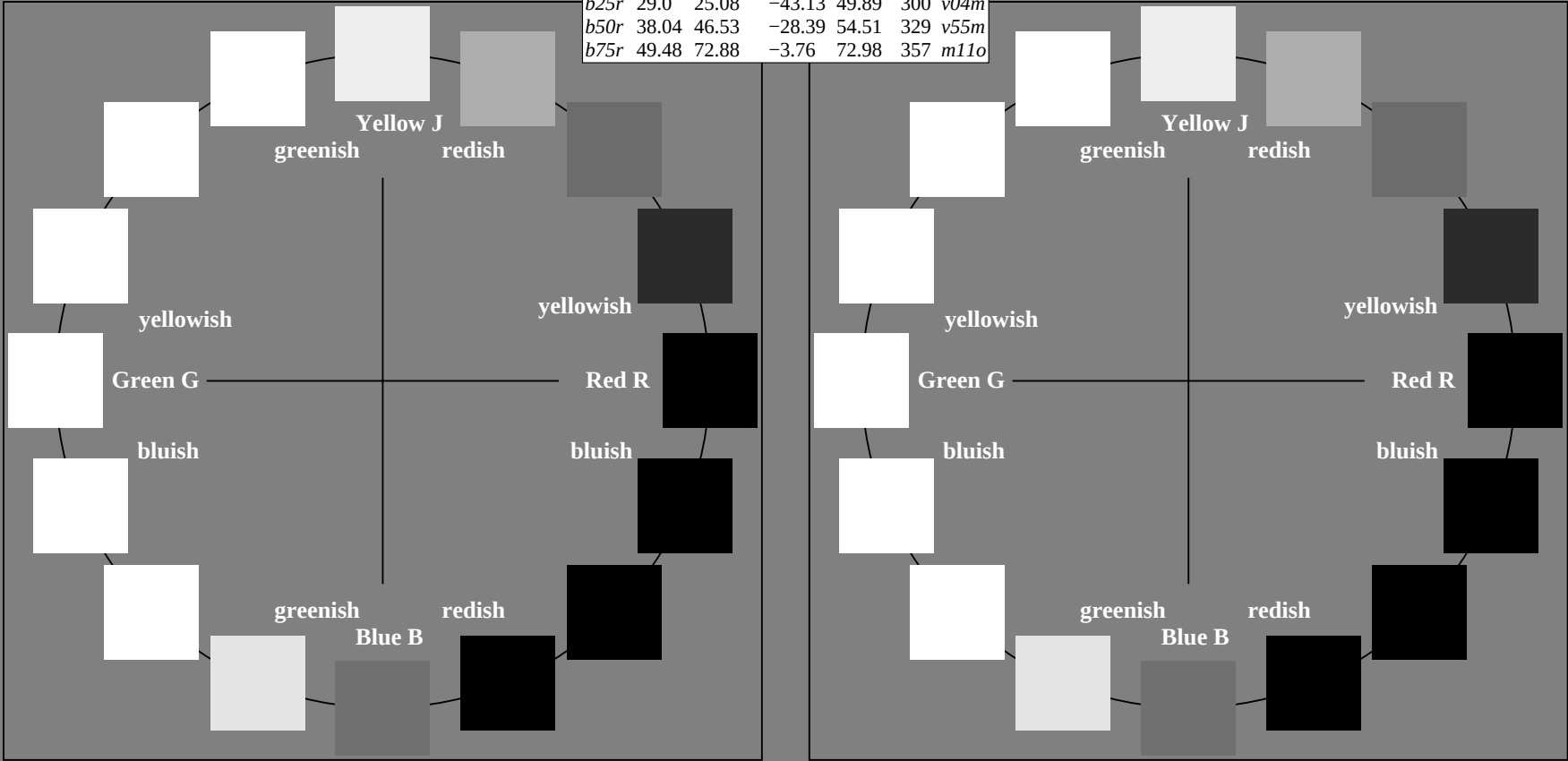
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u_e^* and number *no.* = 00 .. 15
elementary hue text:
 $u_e^* = 16$ hues *r00j, r25j, ..., b75r*
contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



%Gamut
 $u_{rel}^* = 89$
%Regularity
 $g_{H,rel}^* = 72$
 $g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data					
Name	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

$u^*_e = r00j$

data for any colour:

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

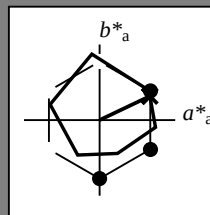
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 66 32

$LAB^*LCH^*_{Ma}$: 49 74 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.15

triangle lightness t^*

%Gamut

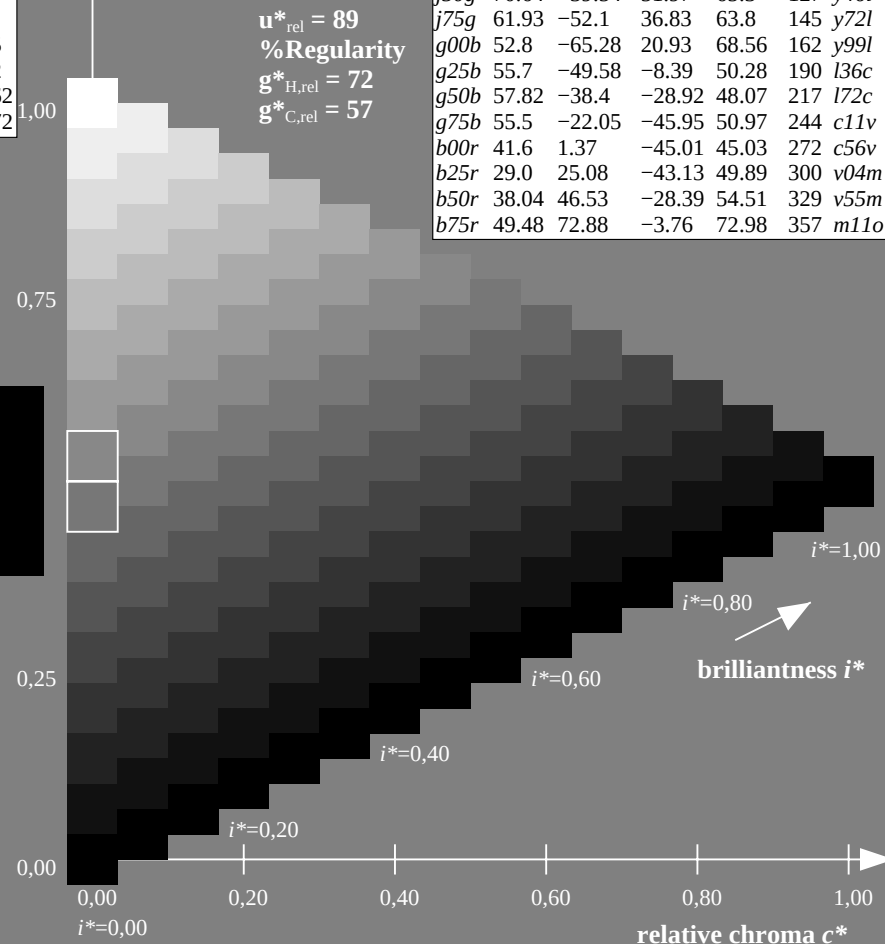
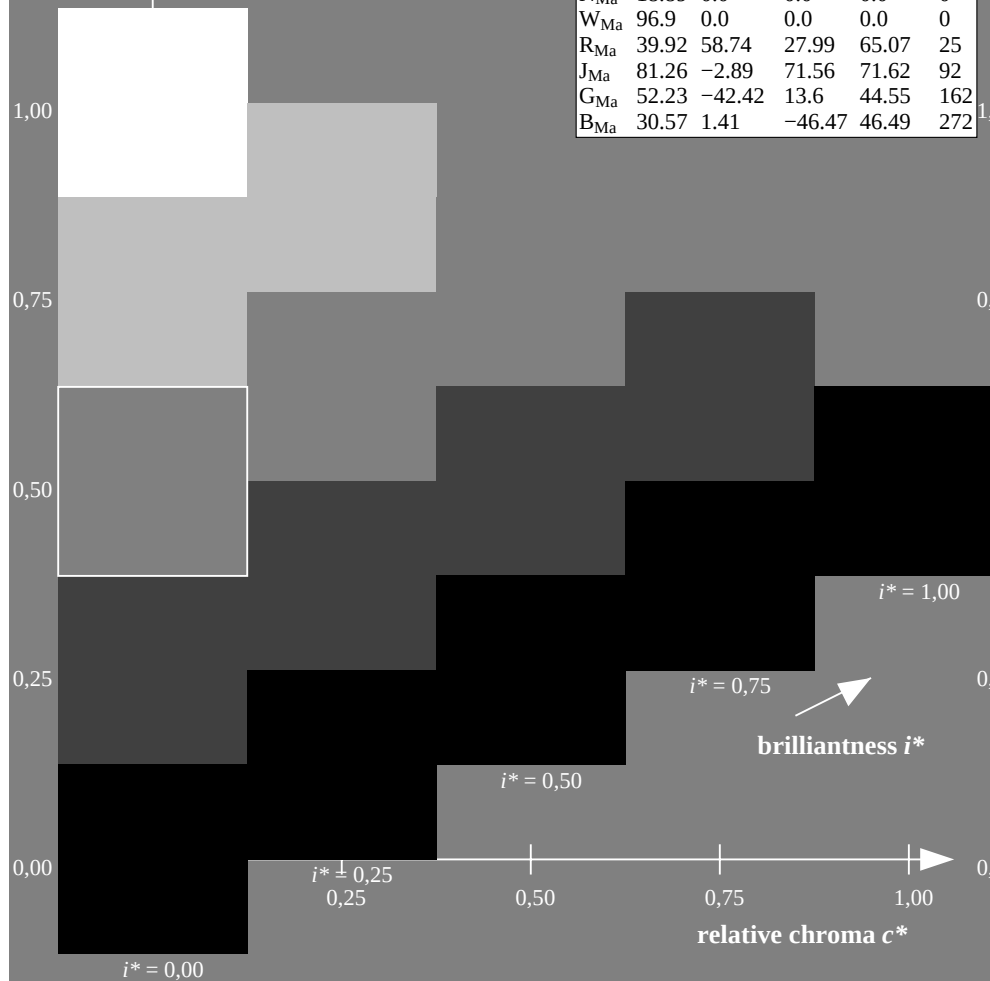
$u^*_{rel} = 89$

%Regularity

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

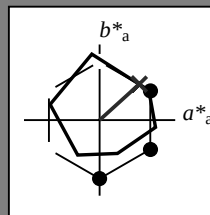
$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

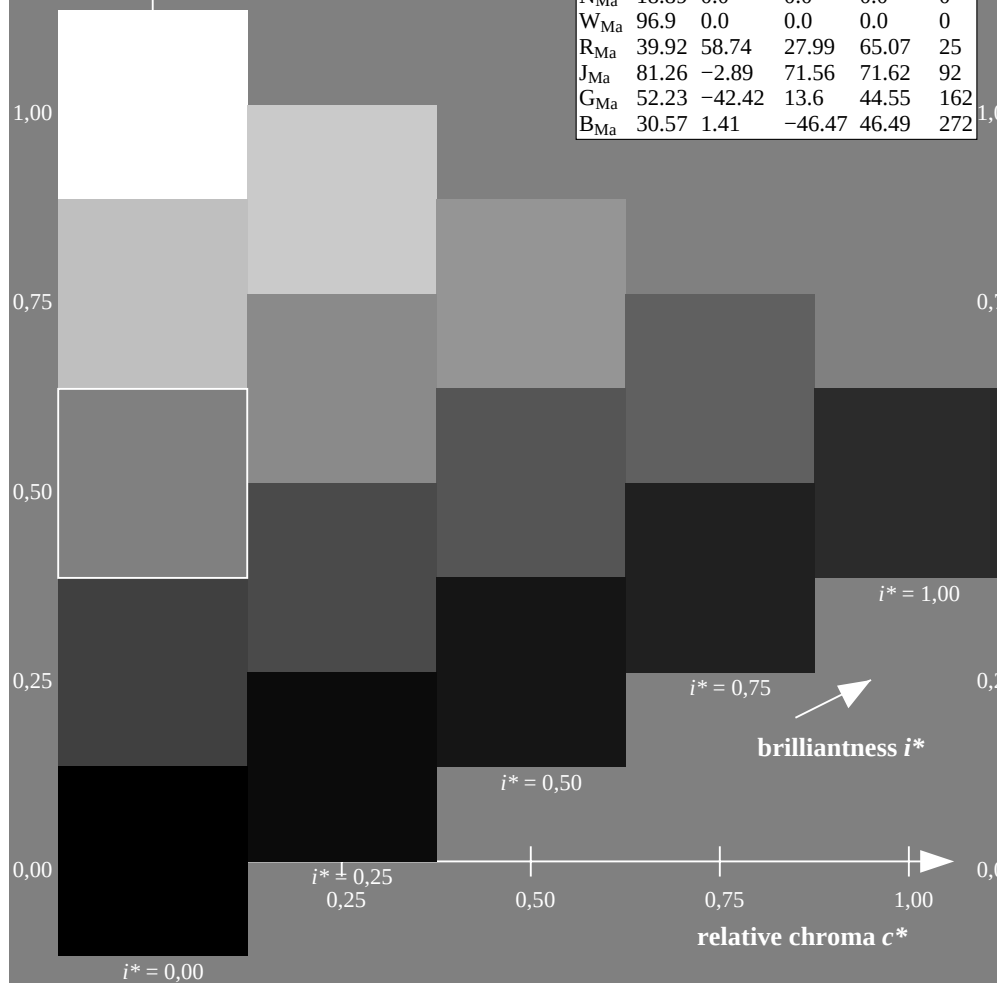


Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
 data for any colour:

lab^*tch^* and lab^*icu^*
 Hue texts:
 $u^*_e = r25j$ $u^*_d = o17y$
 contrast reduction factor:
 $c_R = 1.0$
 triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 52 47

$LAB^*LCH^*_{Ma}$: 56 71 42

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

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

triangle lightness t^*

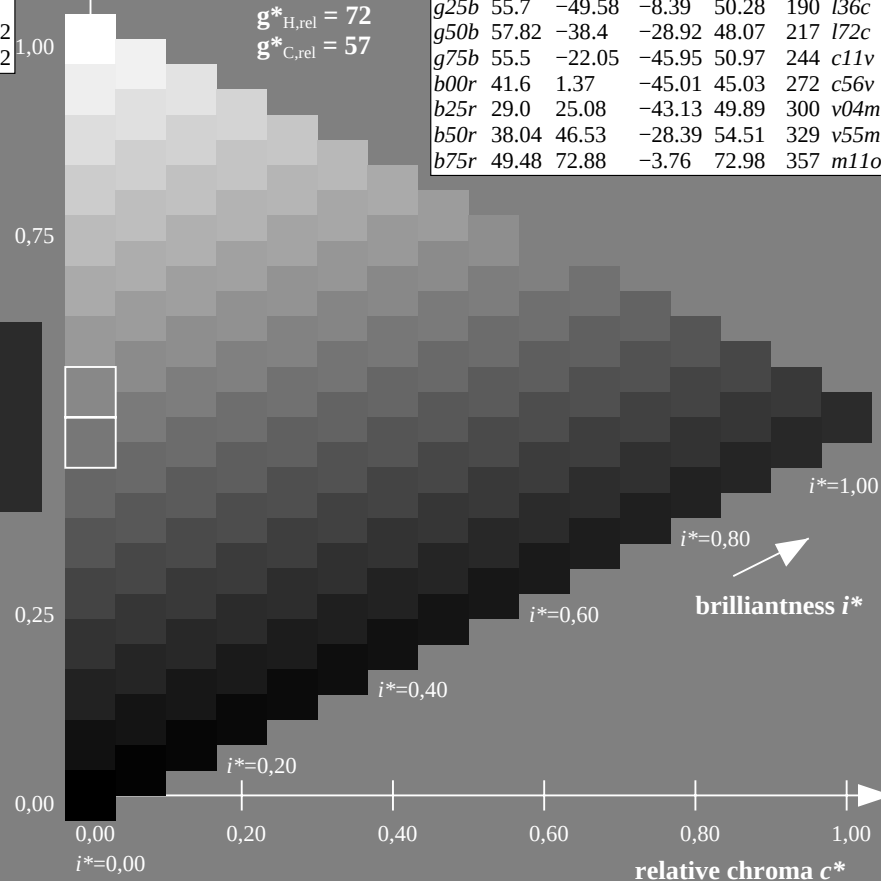
%Gamut

$u^*_{rel} = 89$

%Regularity

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

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



ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$

$u^*_e = r50j$

data for any colour:

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

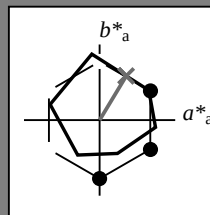
Hue texts:

$u^*_e = r50j$ $u^*_d = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 35 58

$LAB^*LCH^*_{Ma}$: 65 68 58

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

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

triangle lightness t^*

%Gamut

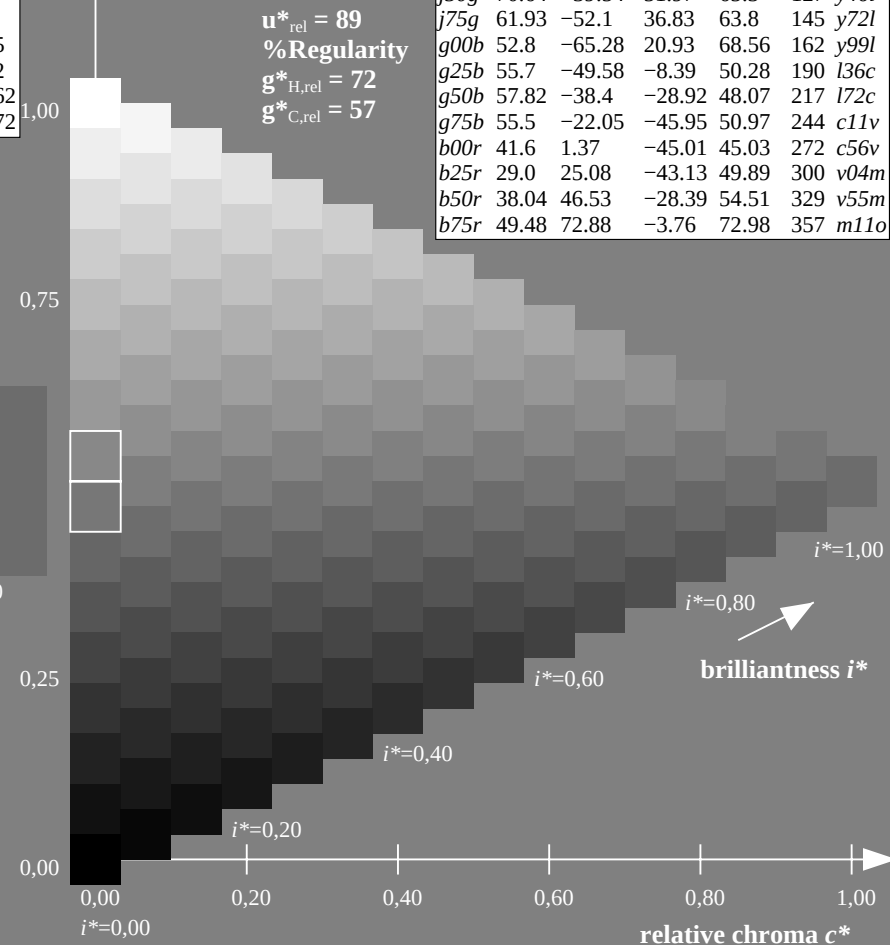
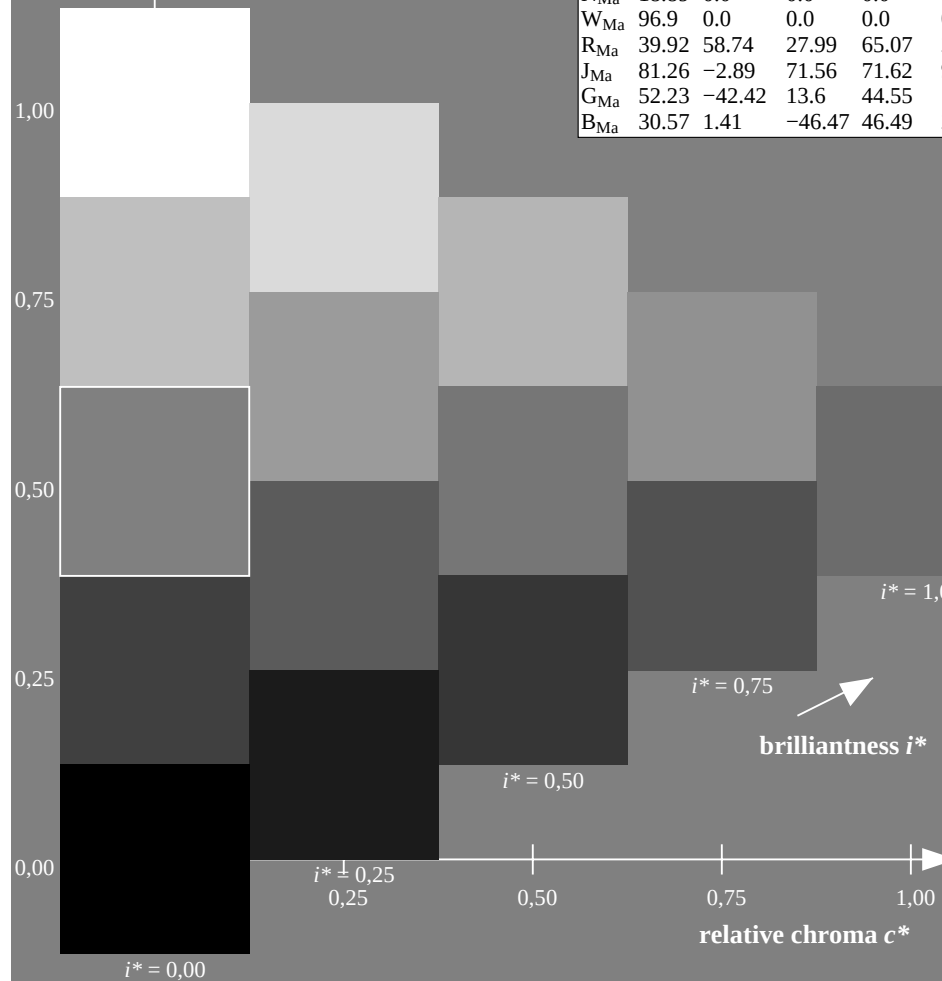
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

$u^*_e = r75j$

data for any colour:

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

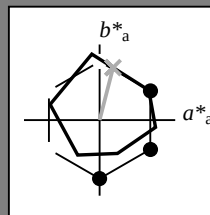
Hue texts:

$u^*_e = r75j$ $u^*_d = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

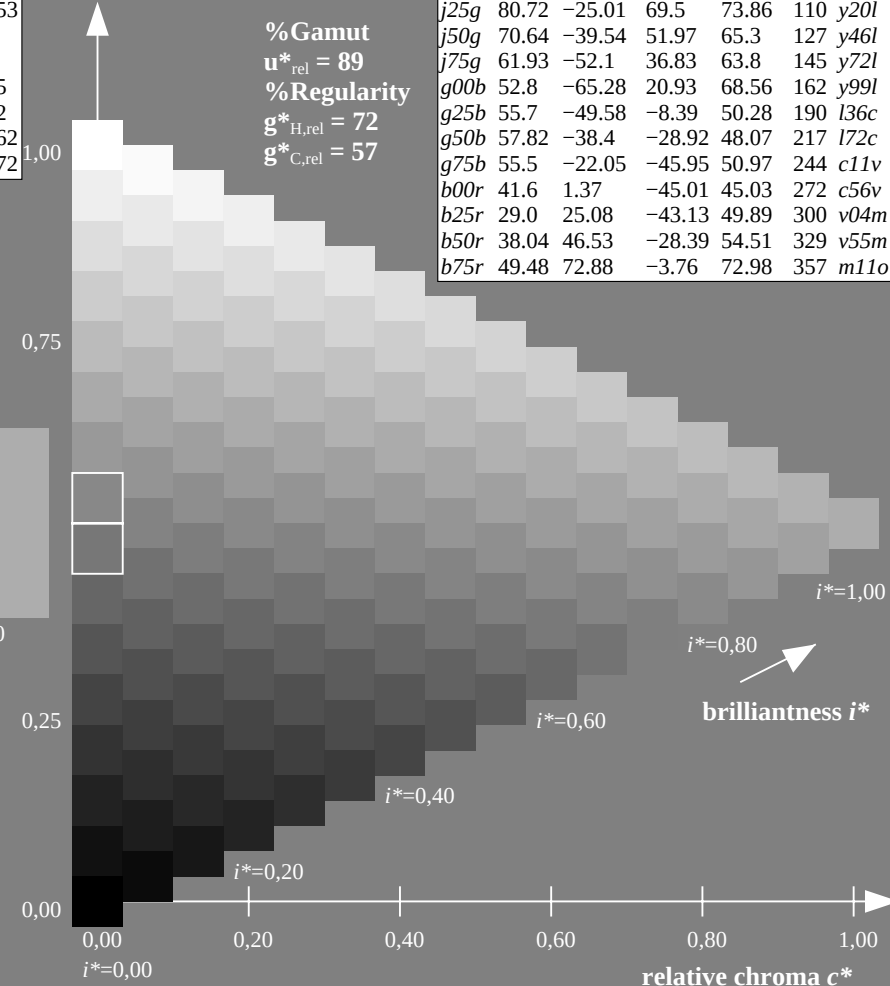
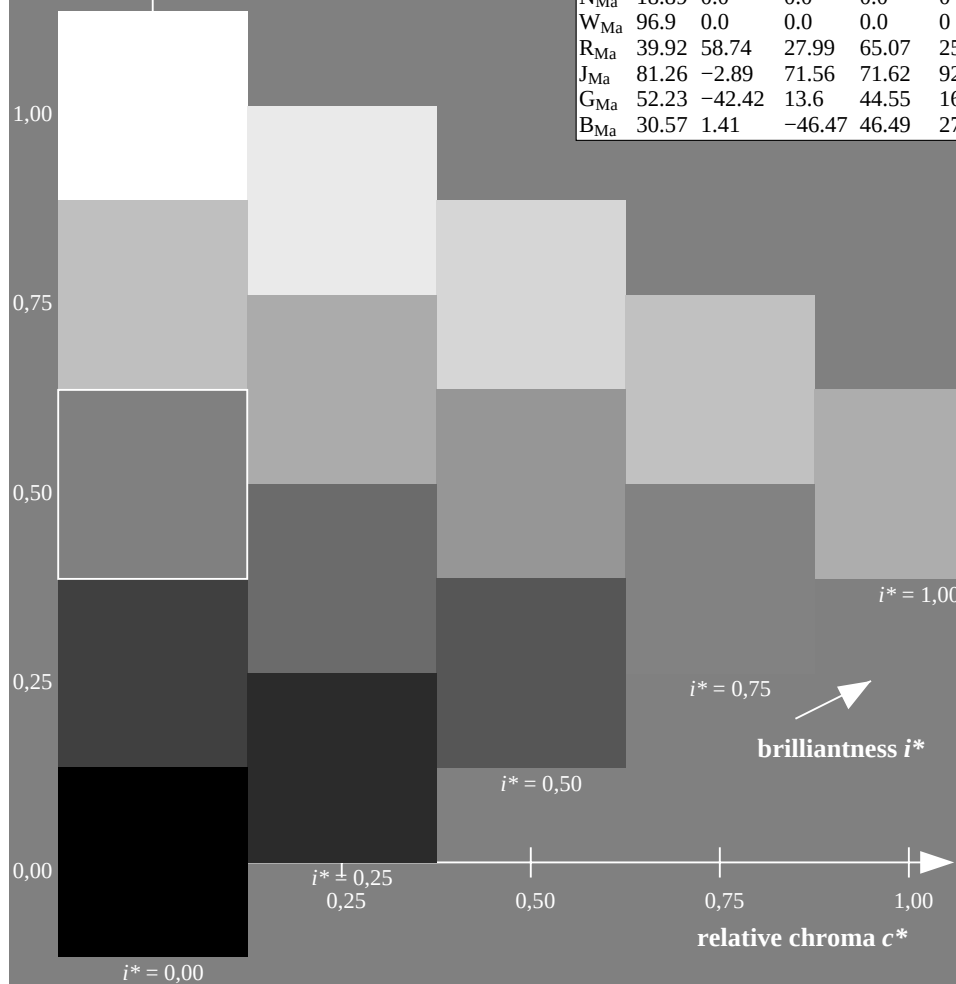
$LAB^*LCH^*_{Ma}$: 75 72 75

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

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

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$
data for any colour:

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

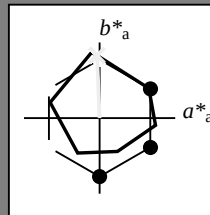
Hue texts:

$u^*_e = j00g$ $u^*_d = o92y$

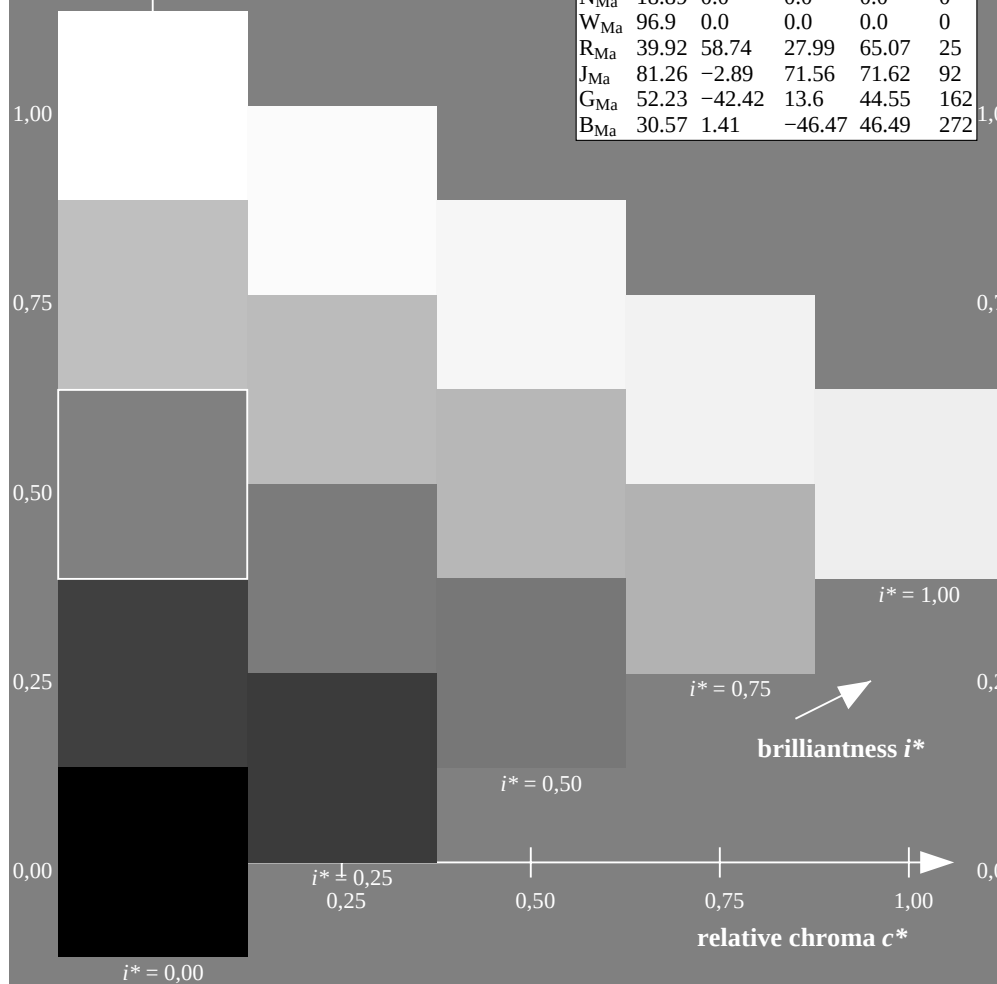
contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -3 83

$LAB^*LCH^*_{Ma}$: 87 83 92

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

$lab^*olv^*_{Ma}$: 1.0 0.93 0.0

triangle lightness t^*

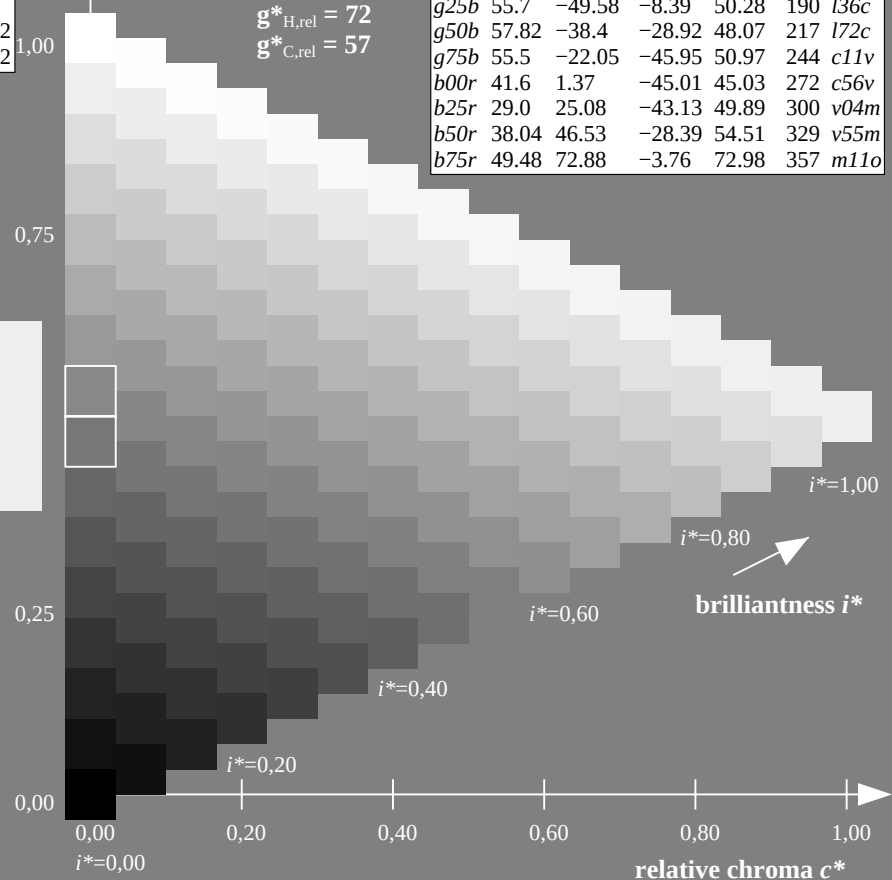
%Gamut

$u^*_{rel} = 89$

%Regularity

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

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



ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

$u^*_e = j25g$

data for any colour:

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

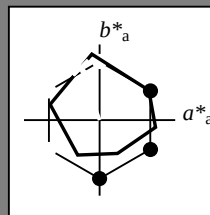
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

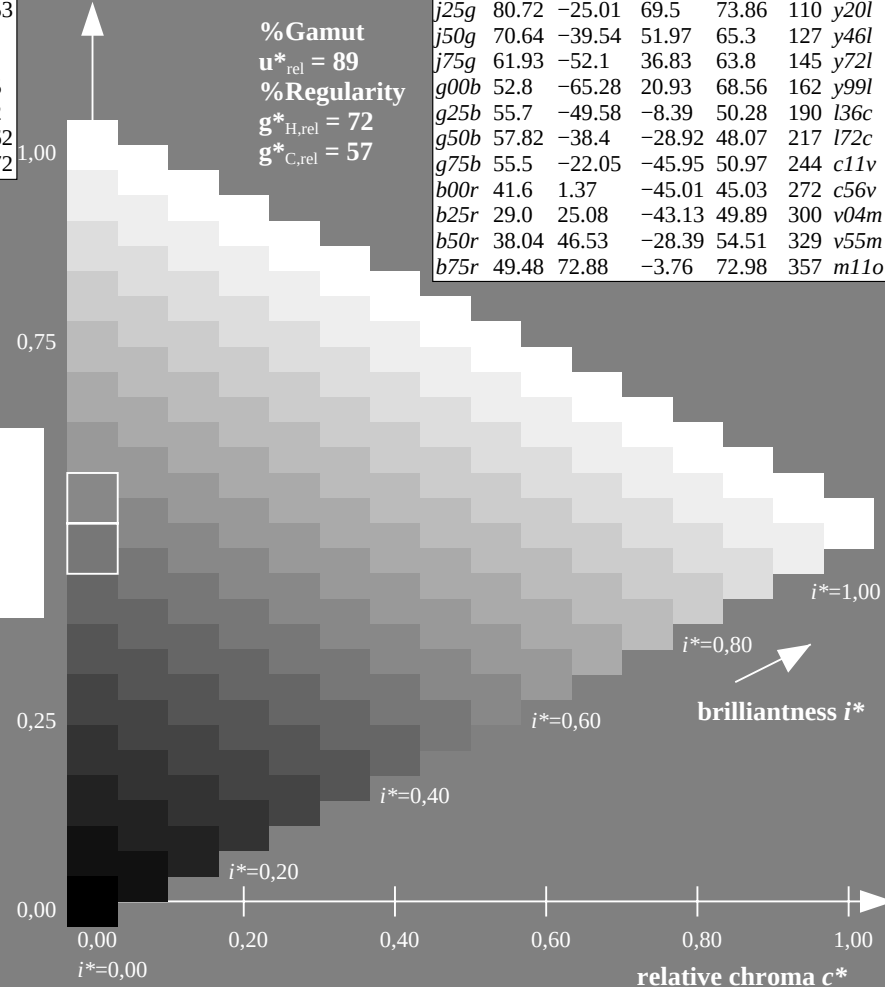
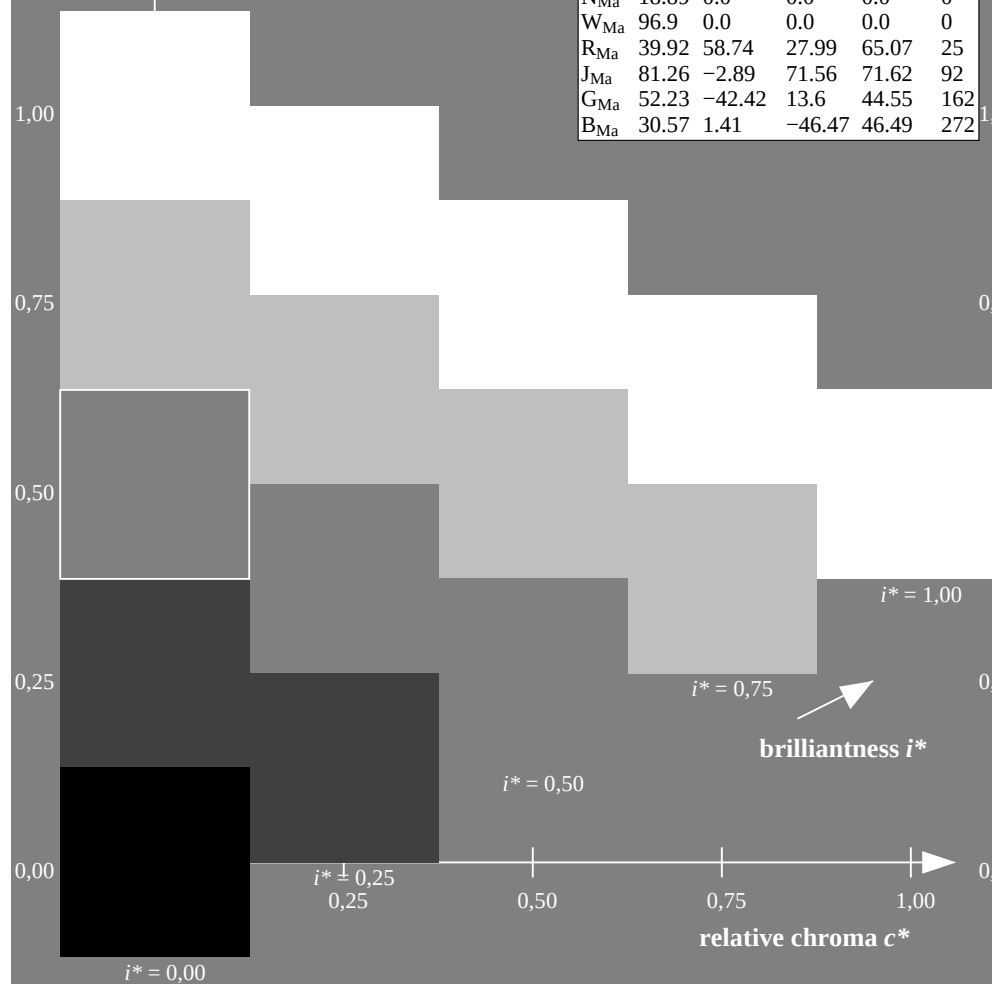
$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

$u^*_e = j50g$

data for any colour:

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

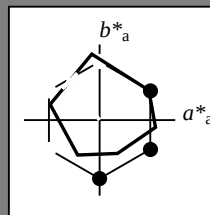
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 71 -40 52$

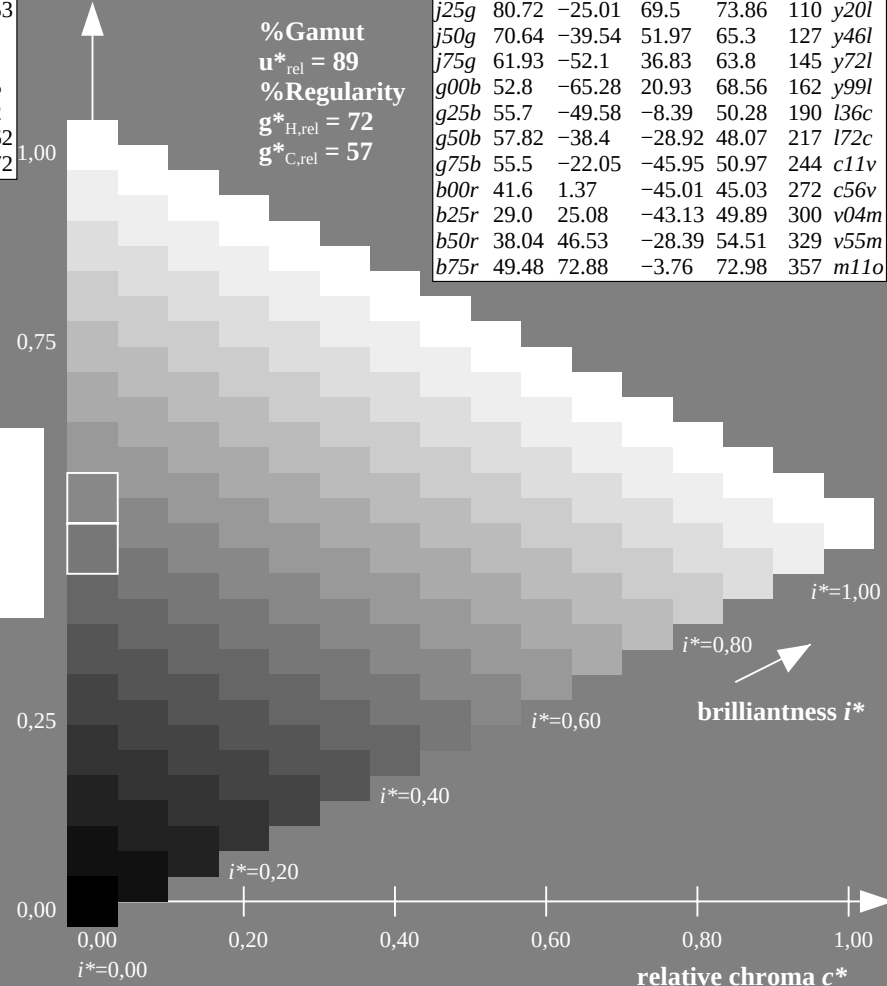
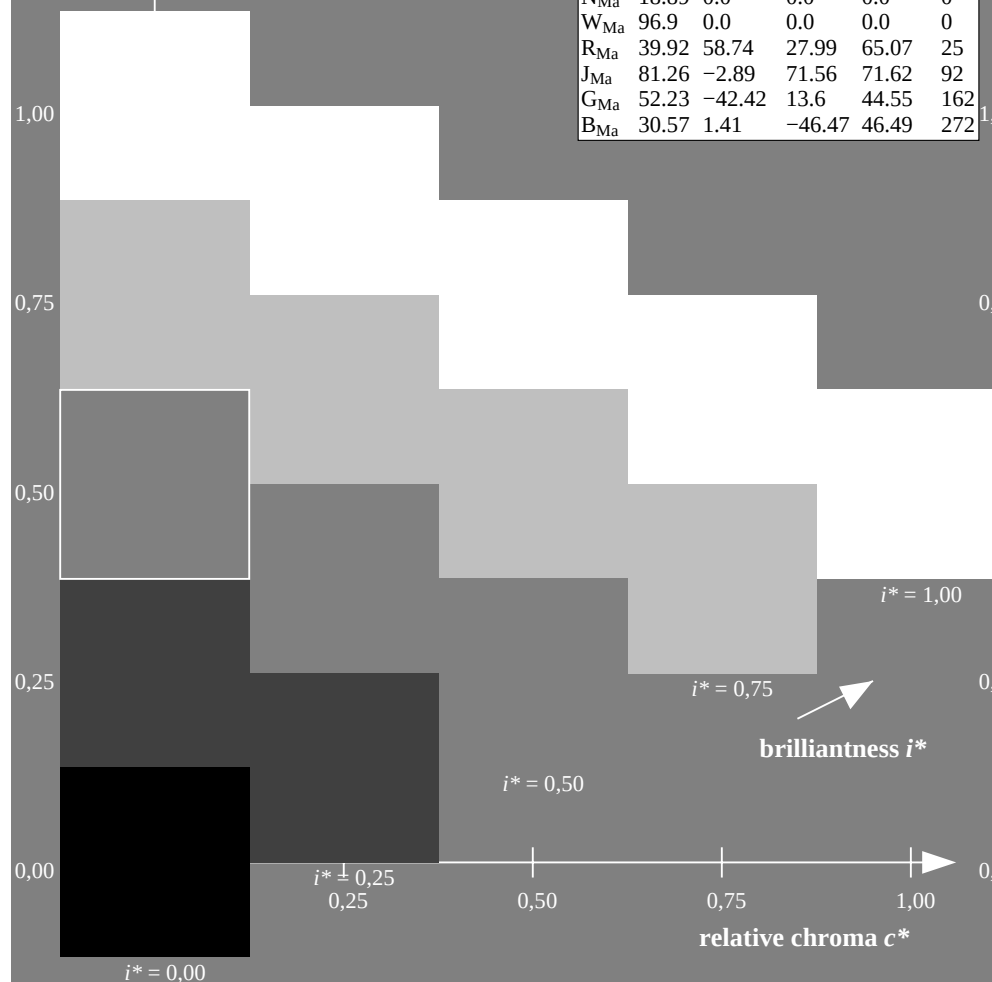
$LAB^*LCH^*_{Ma}: 71 65 127$

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

$lab^*olv^*_{Ma}: 0.54 1.0 0.0$

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

$u^*_e = j75g$

data for any colour:

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

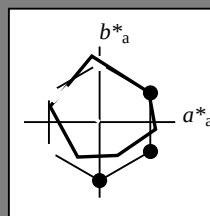
Hue texts:

$u^*_e = j75g$ $u^*_d = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -52 37

$LAB^*LCH^*_{Ma}$: 62 64 144

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

$lab^*olv^*_{Ma}$: 0.27 1.0 0.0

triangle lightness t^*

%Gamut

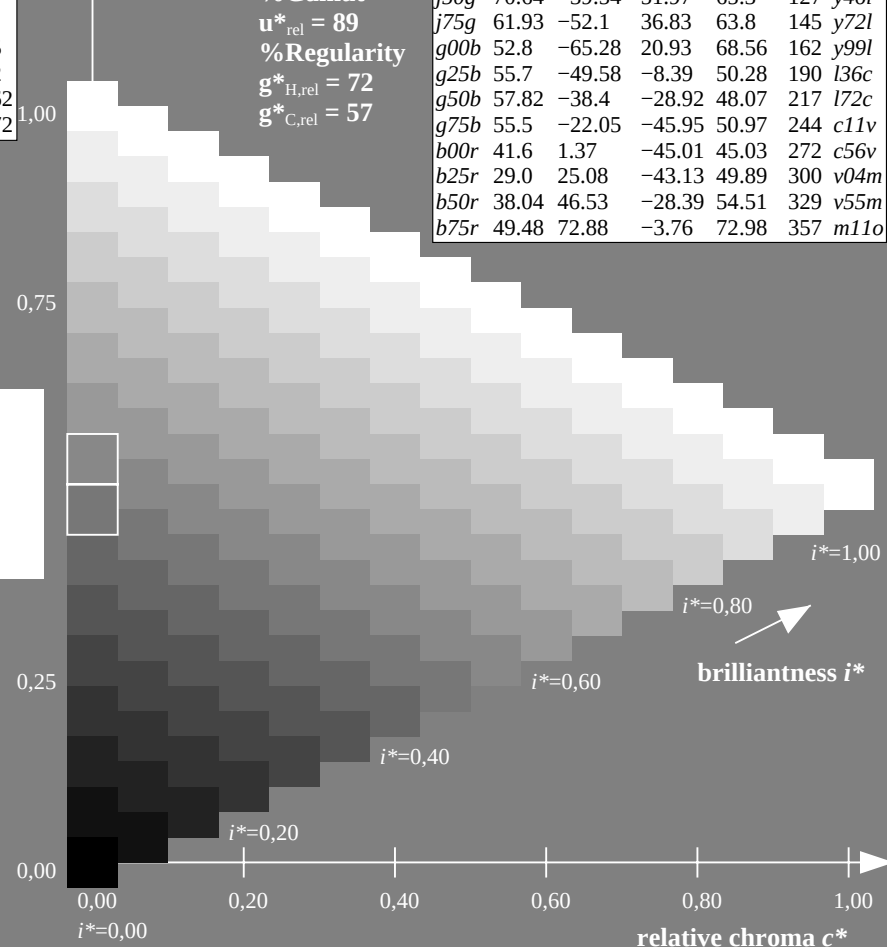
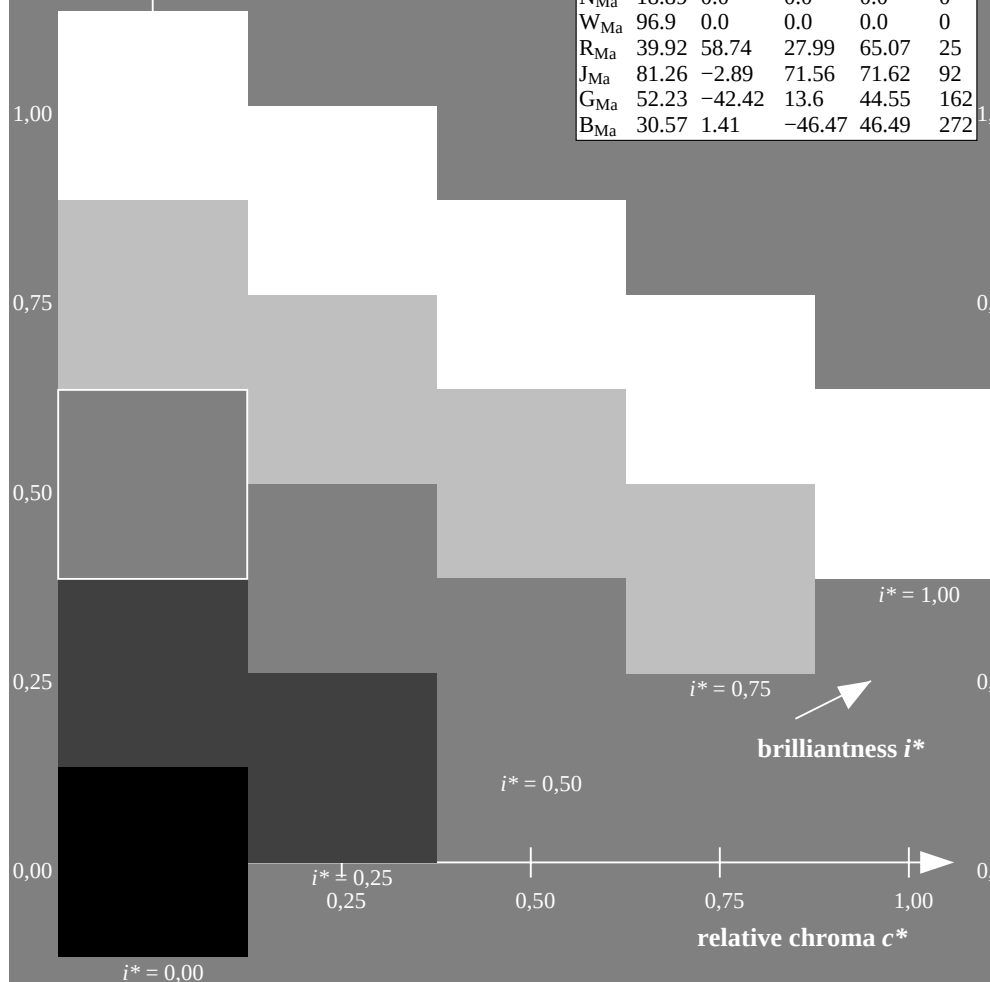
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

$u^*_e = g00b$

data for any colour:

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

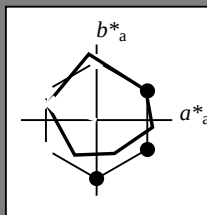
Hue texts:

$u^*_e = g00b$ $u^*_d = y99l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 53 -65 21

$LAB^*LCH^*_{Ma}$: 53 69 162

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

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

triangle lightness t^*

%Gamut

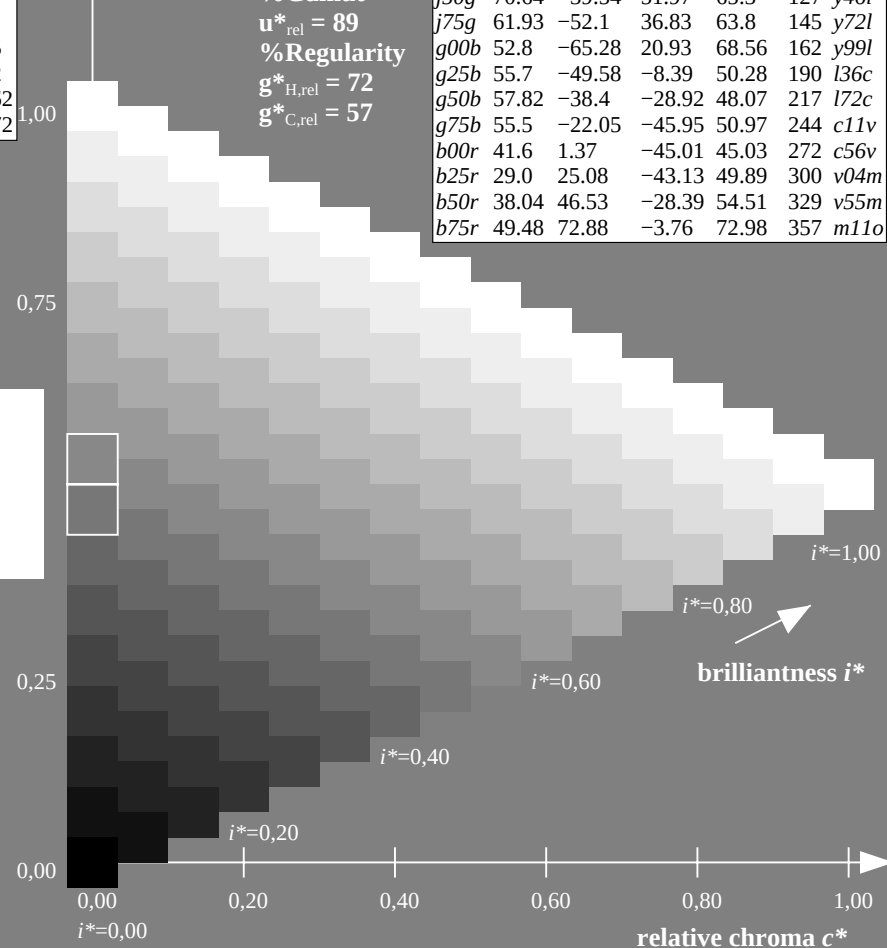
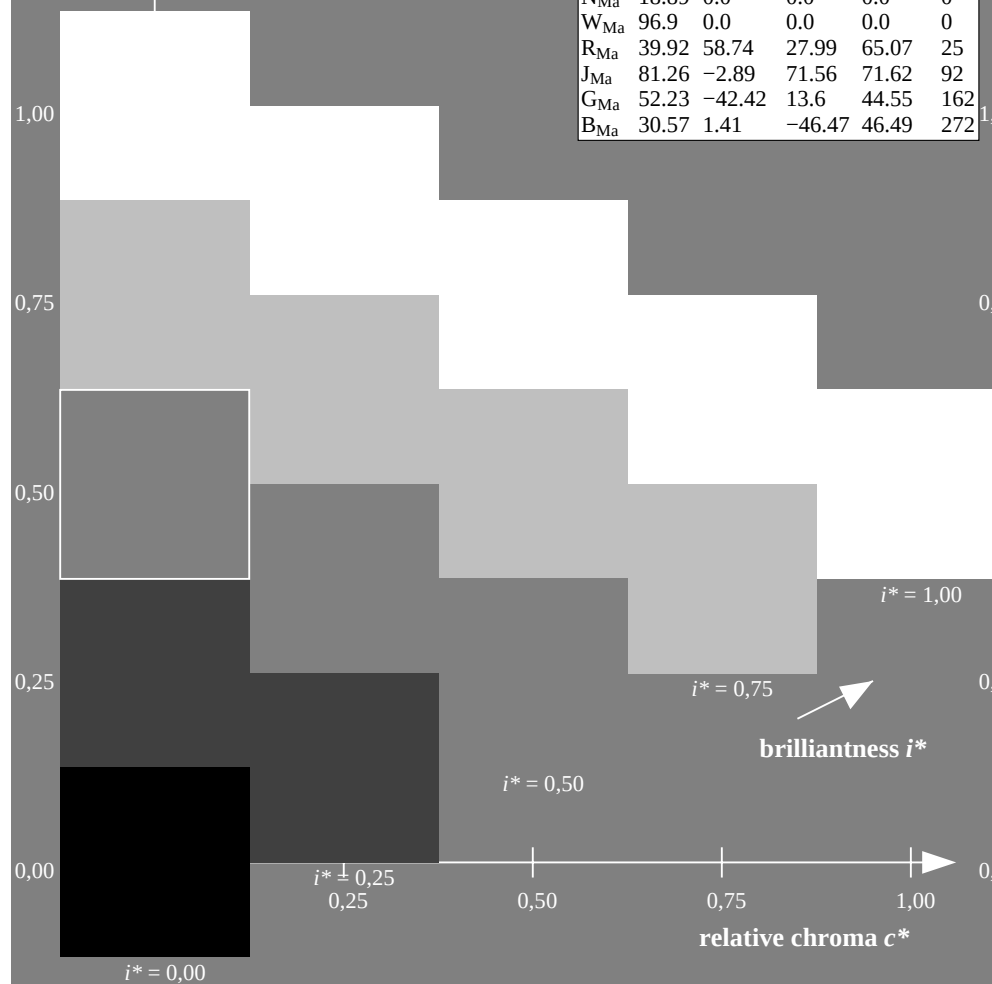
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

$u^*_e = g25b$

data for any colour:

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

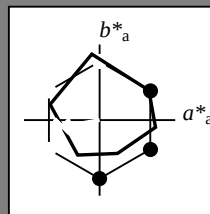
Hue texts:

$u^*_e = g25b$ $u^*_d = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -50 -8

$LAB^*LCH^*_{Ma}$: 56 50 189

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

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

triangle lightness t^*

%Gamut

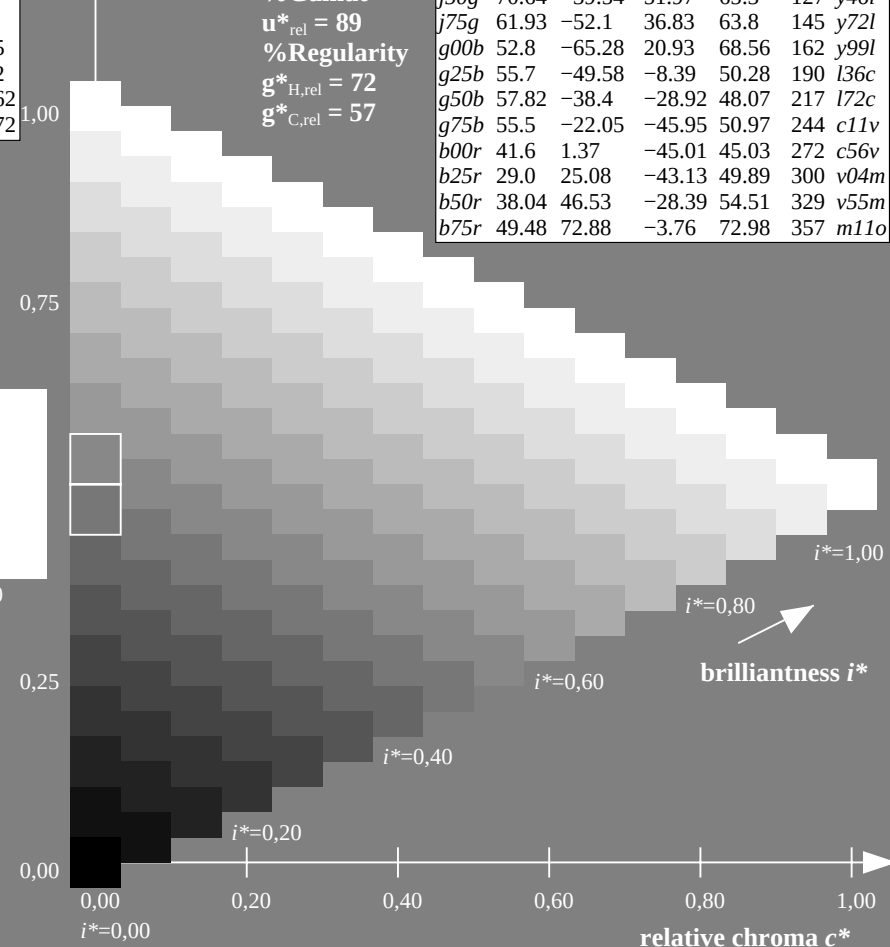
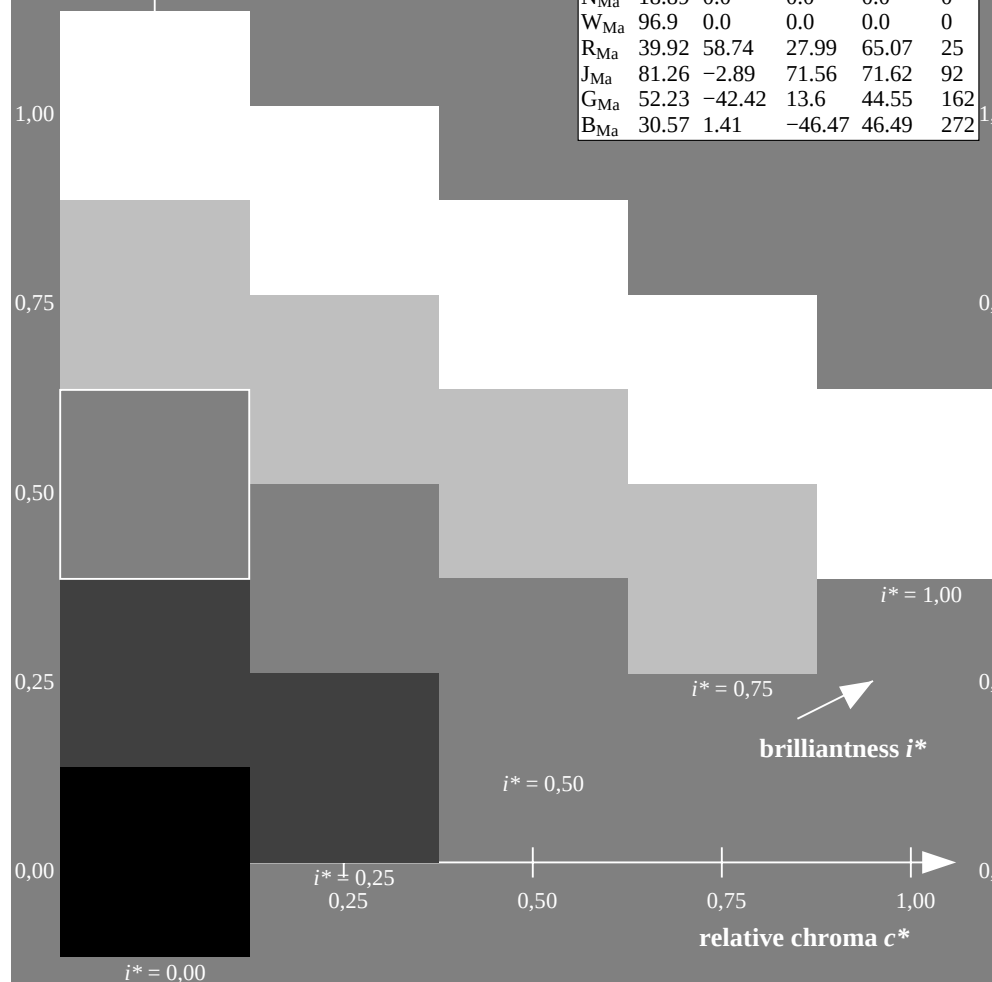
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

$u^*_e = g50b$

data for any colour:

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

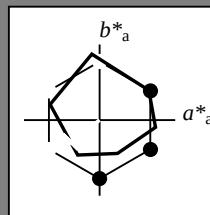
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -38 -29

$LAB^*LCH^*_{Ma}$: 58 48 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

%Gamut

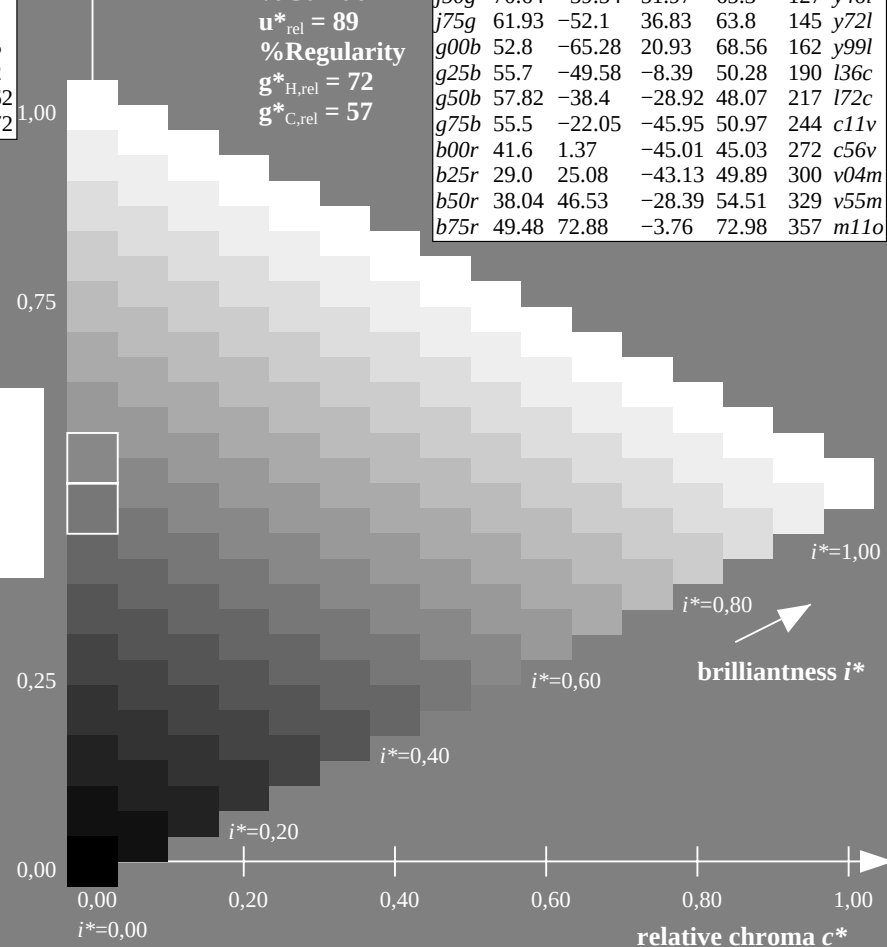
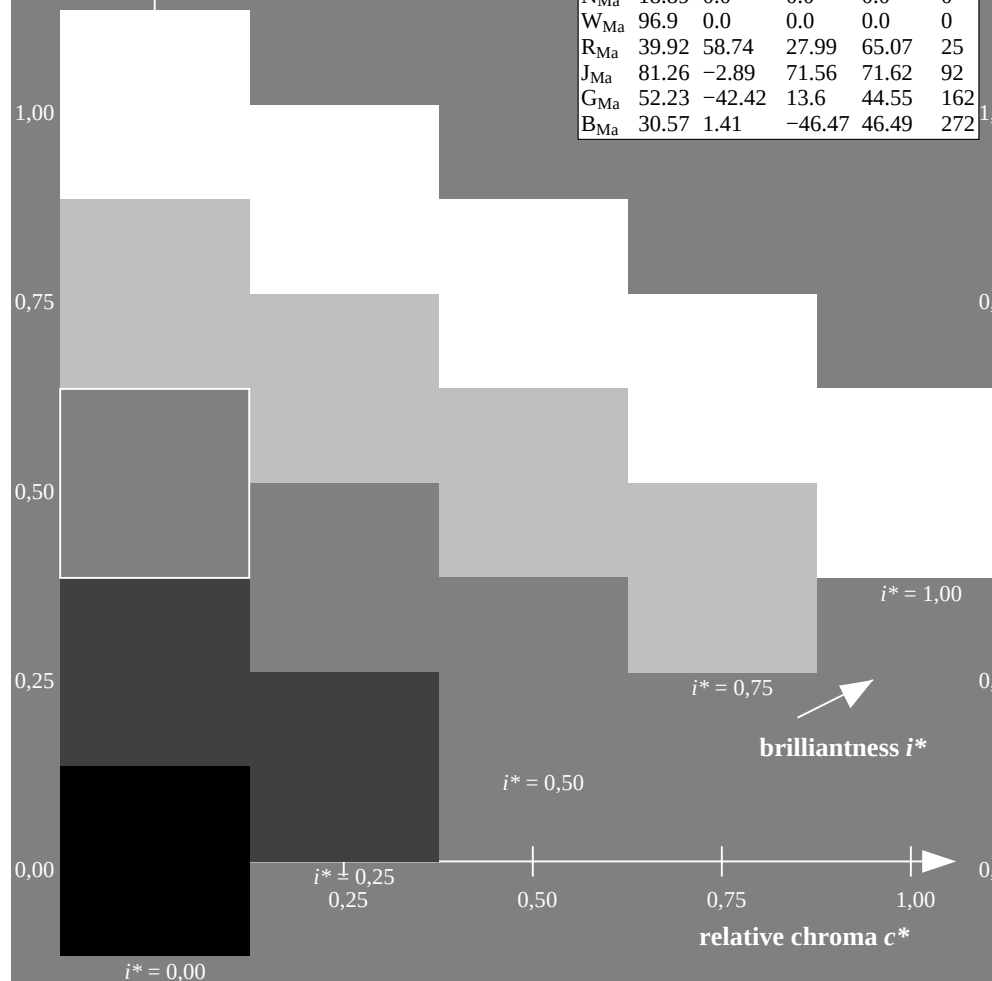
$u^*_{rel} = 89$

%Regularity

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

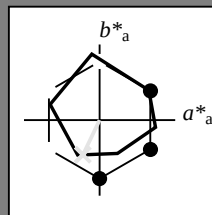
$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

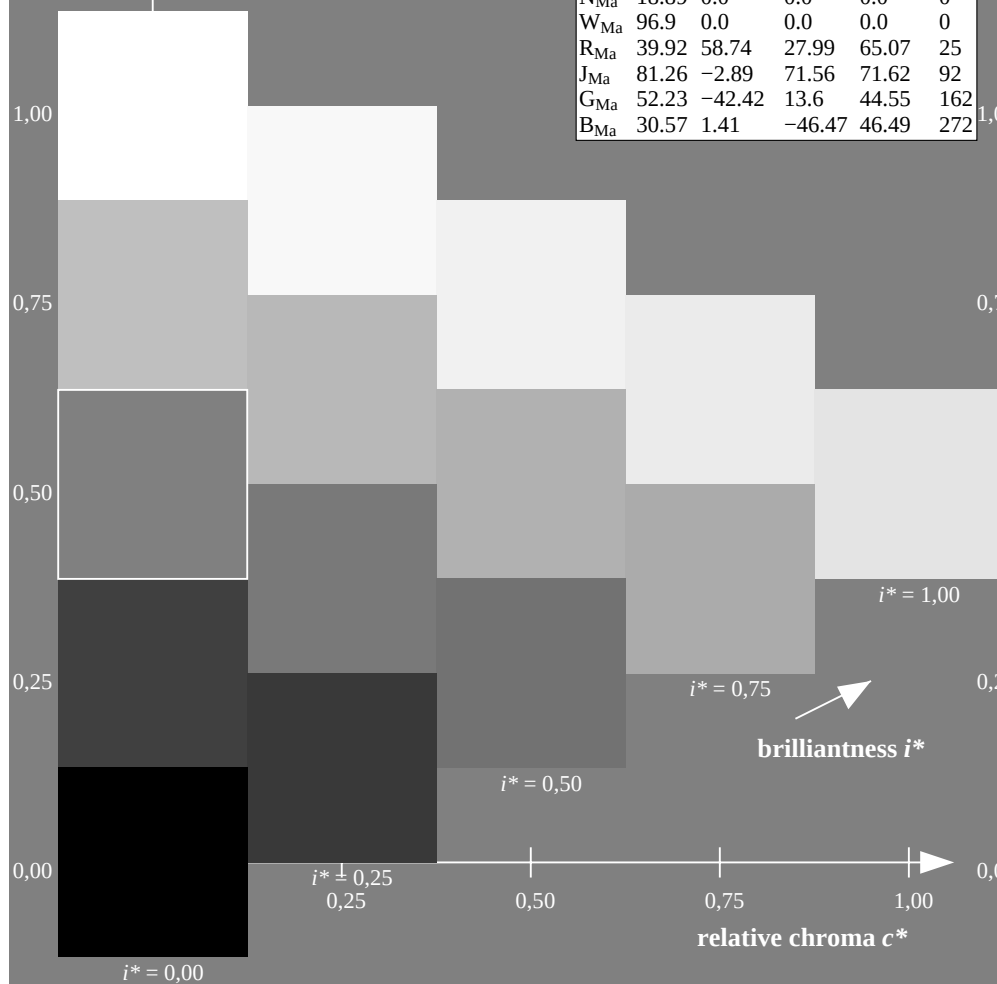


$$u^*_e = g75b$$

triangle lightness t^*

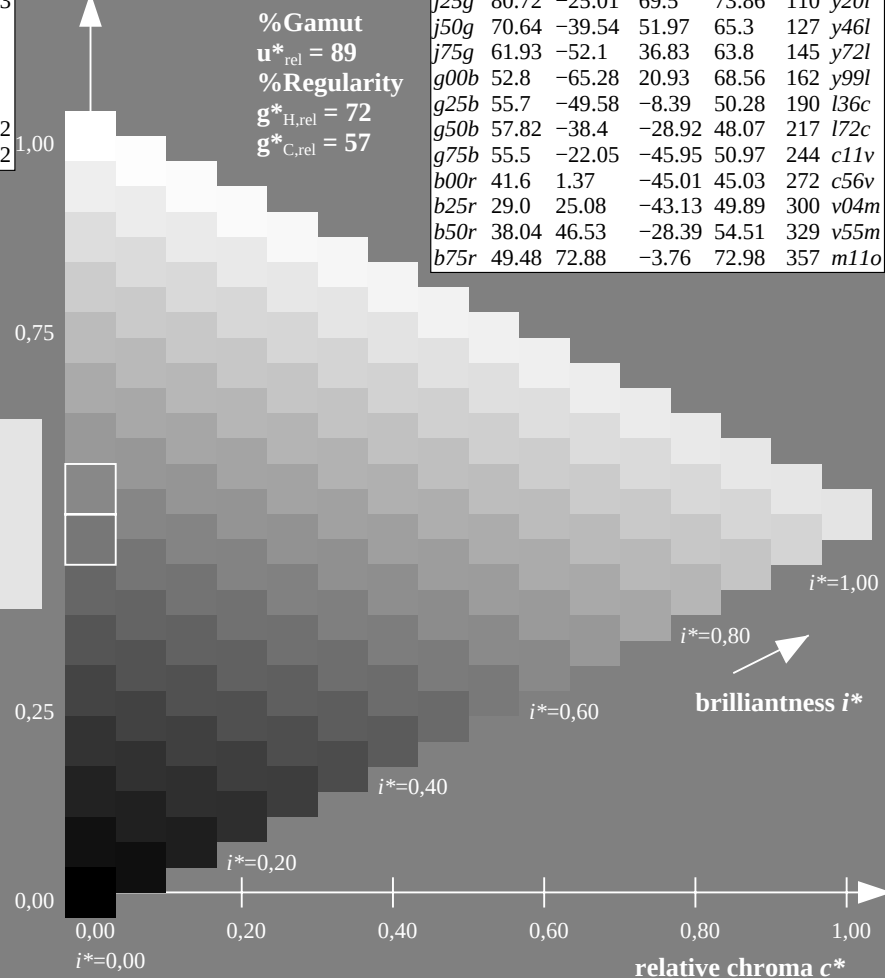


ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08		31
Y _{Ma}	90.92	-10.29	87.24	87.85		97
L _{Ma}	52.69	-65.44	20.75	68.65		162
C _{Ma}	59.61	-28.98	-46.22	54.56		238
V _{Ma}	28.39	23.63	-44.13	50.06		298
M _{Ma}	49.58	73.93	-9.56	74.55		353
N _{Ma}	18.89	0.0	0.0	0.0		0
W _{Ma}	96.9	0.0	0.0	0.0		0
R _{Ma}	39.92	58.74	27.99	65.07		25
J _{Ma}	81.26	-2.89	71.56	71.62		92
G _{Ma}	52.23	-42.42	13.6	44.55		162
B _{Ma}	30.57	1.41	-46.47	46.49		272



0

ORS19_96a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*	
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>	
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>	
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>	
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>	
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>	
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>	
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>	
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>	
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>	
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>	
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>	
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>	
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>	
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>	
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>	
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$u^*_e = b00r$

data for any colour:

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

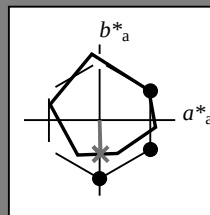
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

$LAB^*LCH^*_{Ma}$: 42 45 271

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

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

%Gamut

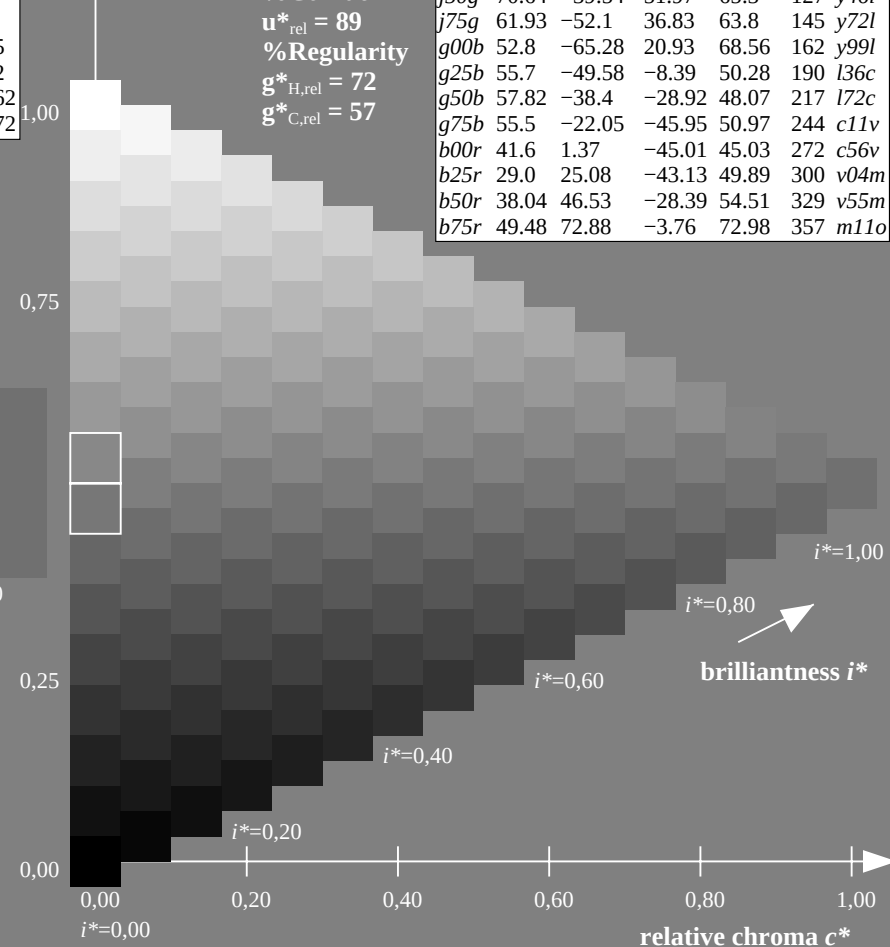
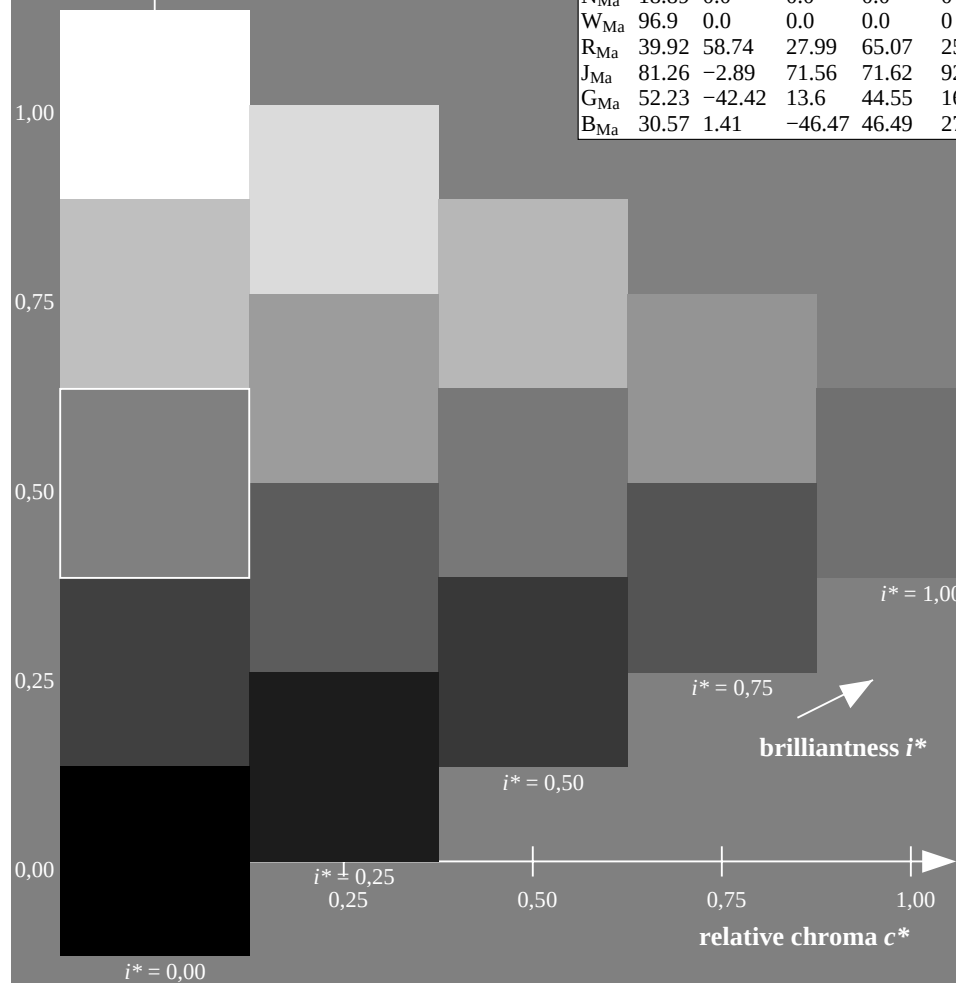
$u^*_{rel} = 89$

%Regularity

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

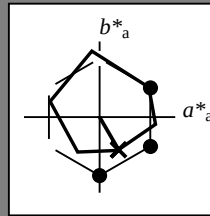
$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

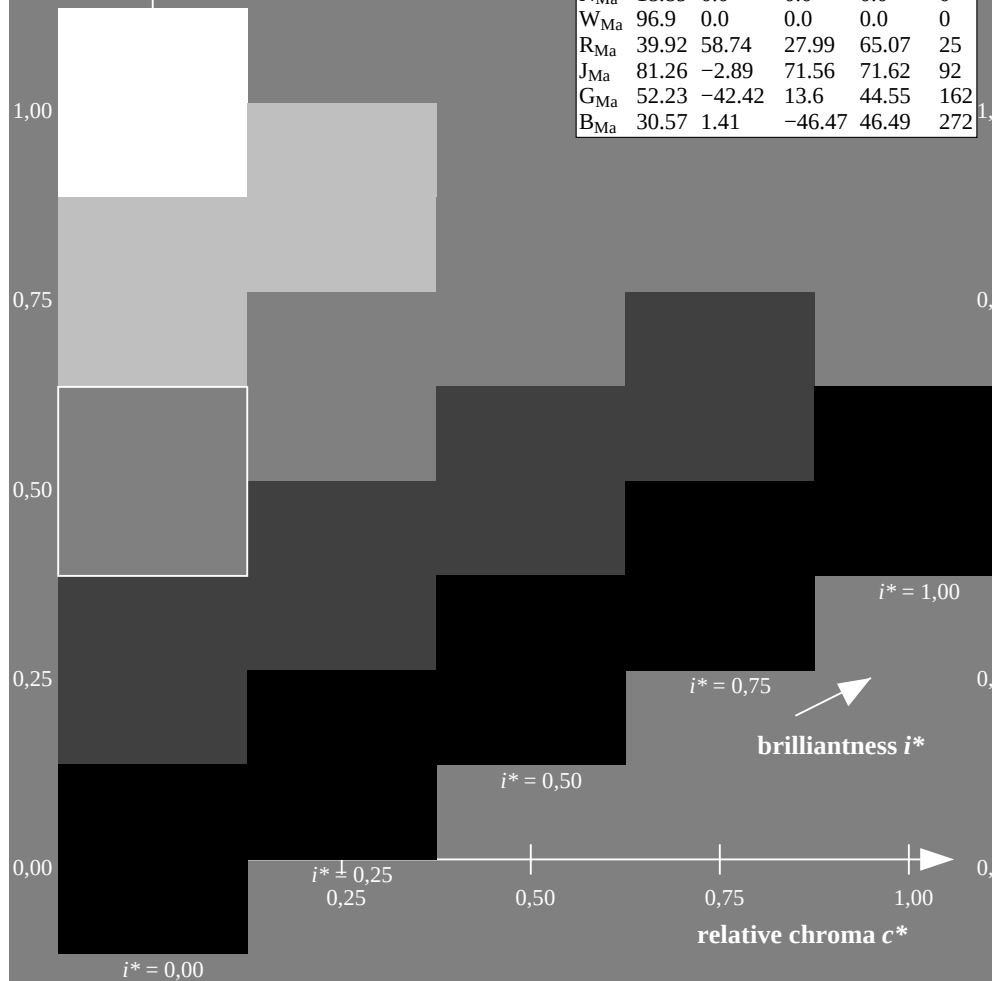
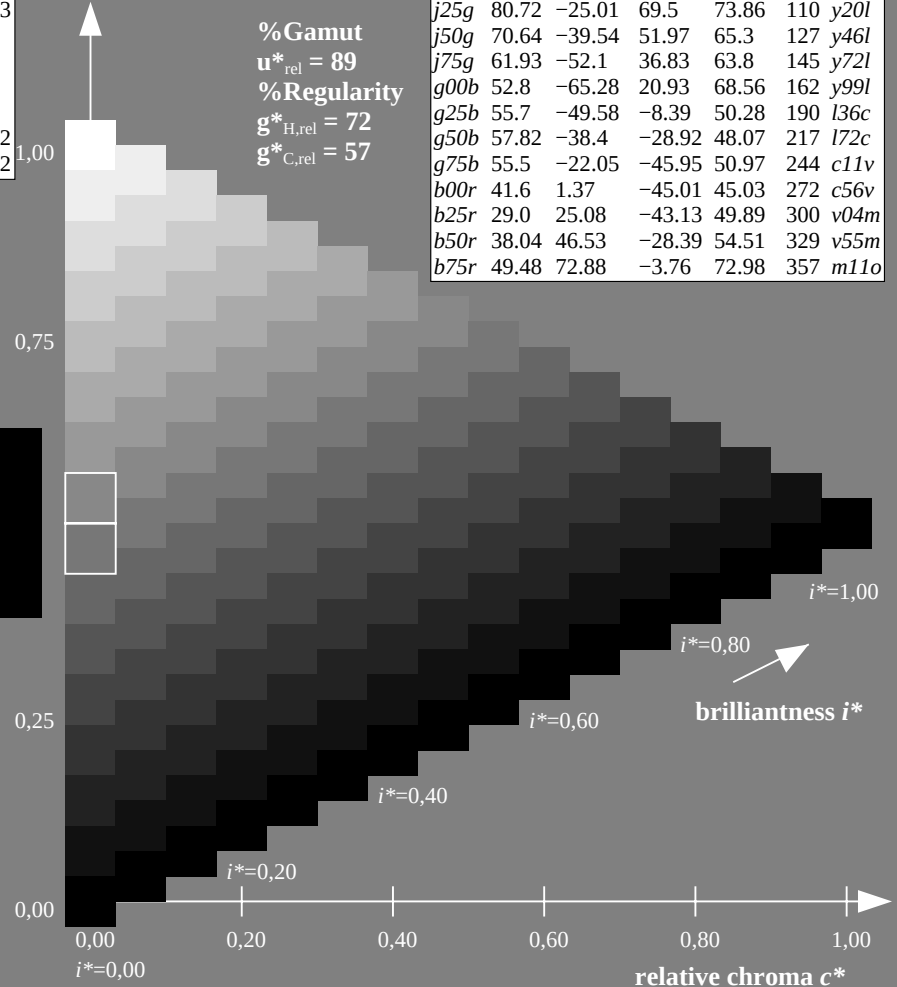


$$u^*_e = b25r$$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

triangle lightness t^* 

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

$u^*_e = b50r$

data for any colour:

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

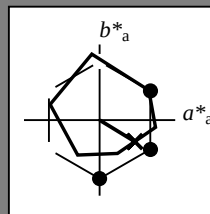
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

$LAB^*LCH^*_{Ma}$: 38 55 328

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

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

triangle lightness t^*

%Gamut

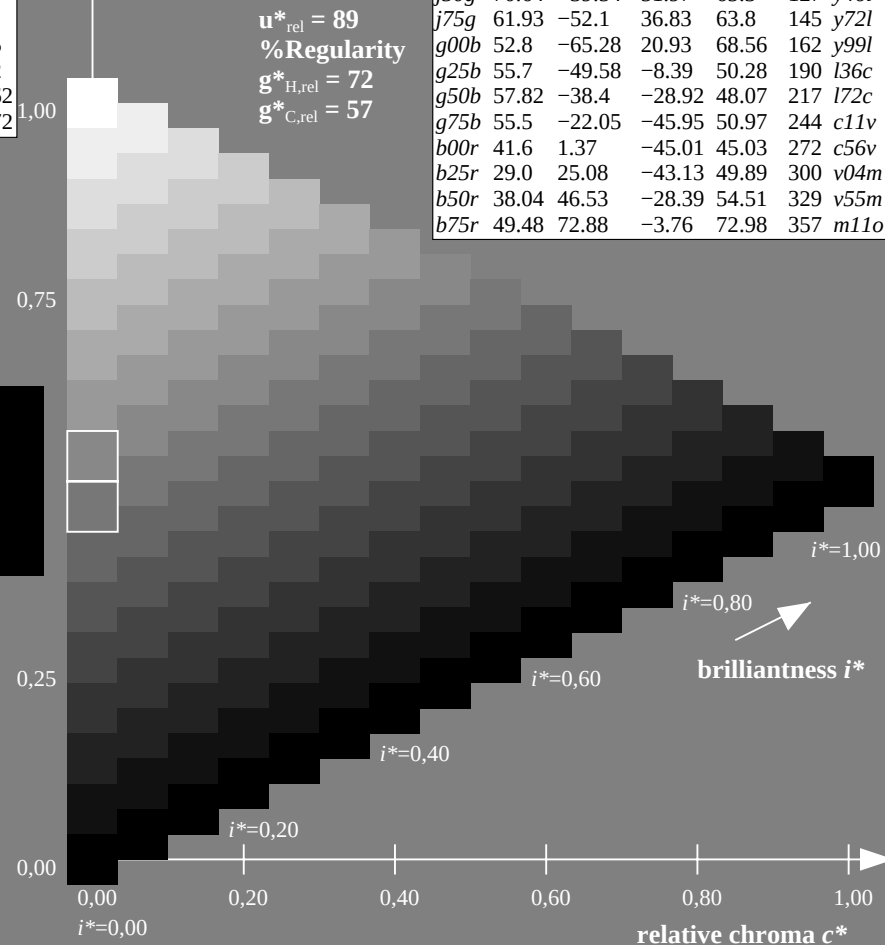
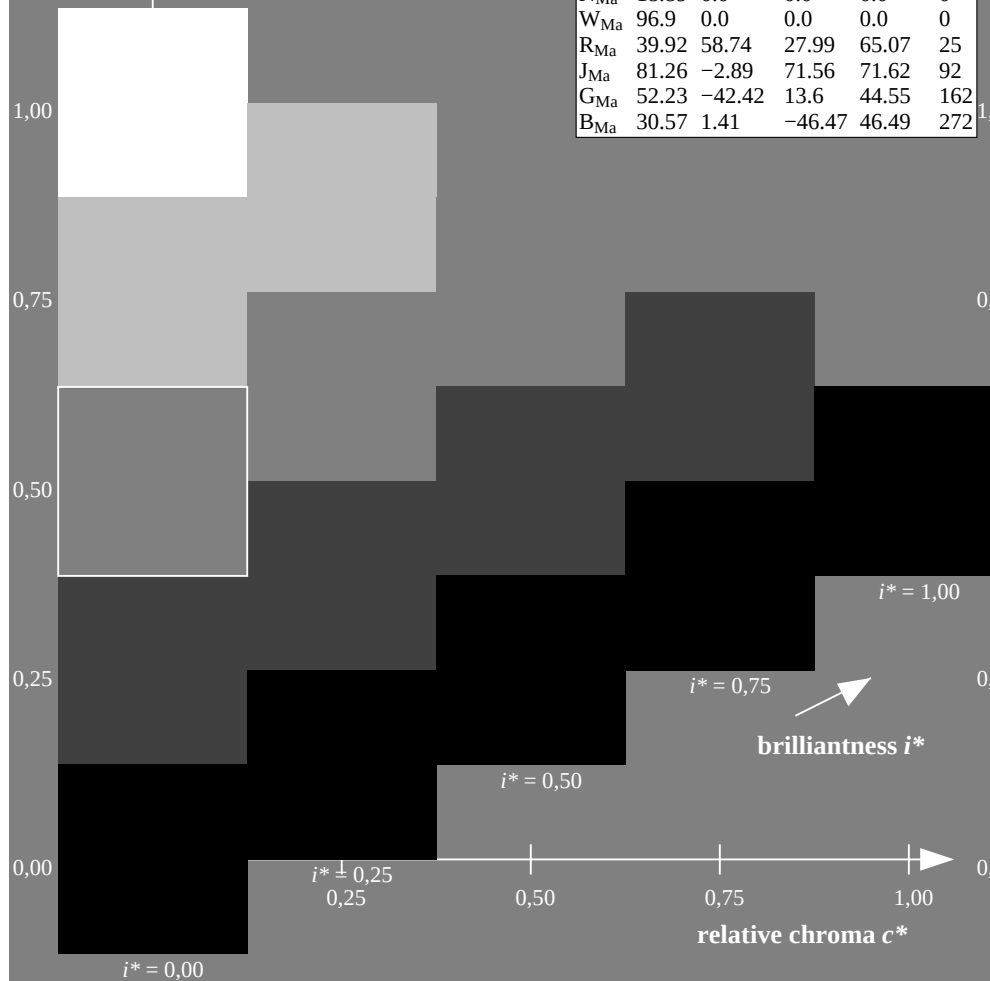
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

$u^*_e = b75r$

data for any colour:

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

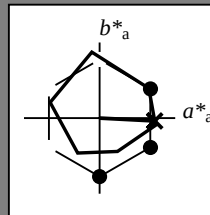
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 49\ 73\ -4$

$LAB^*LCH^*_{Ma}: 49\ 73\ 357$

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

$lab^*olv^*_{Ma}: 1.0\ 0.0\ 0.89$

triangle lightness t^*

%Gamut

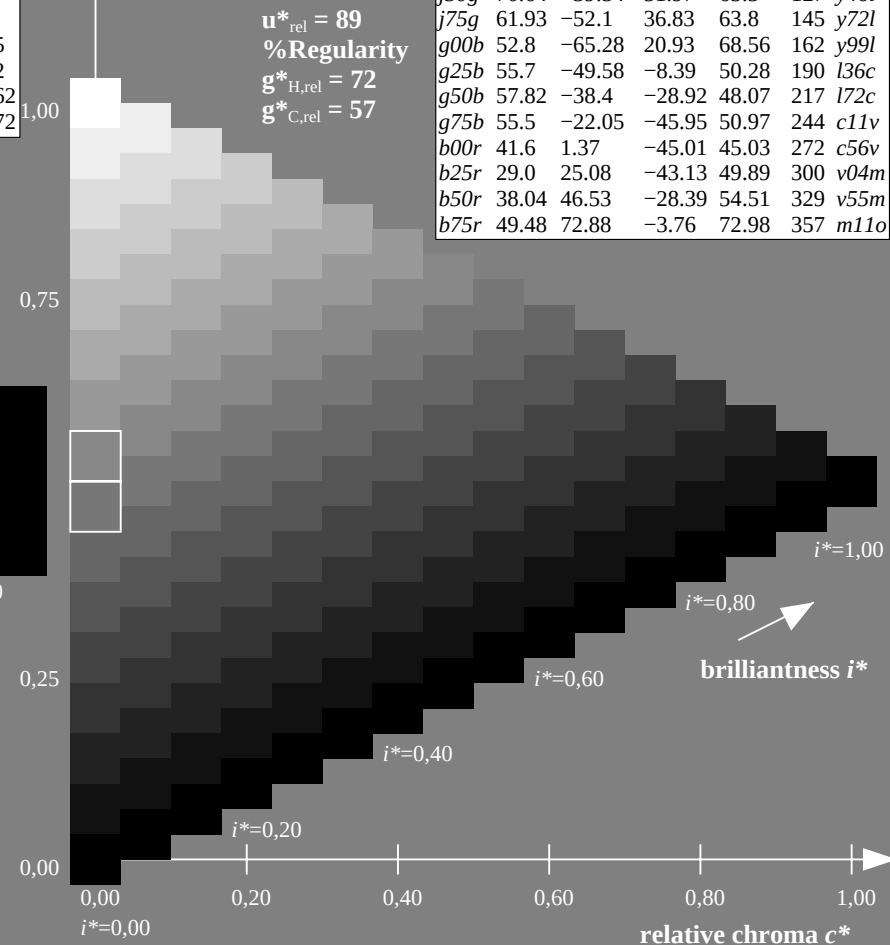
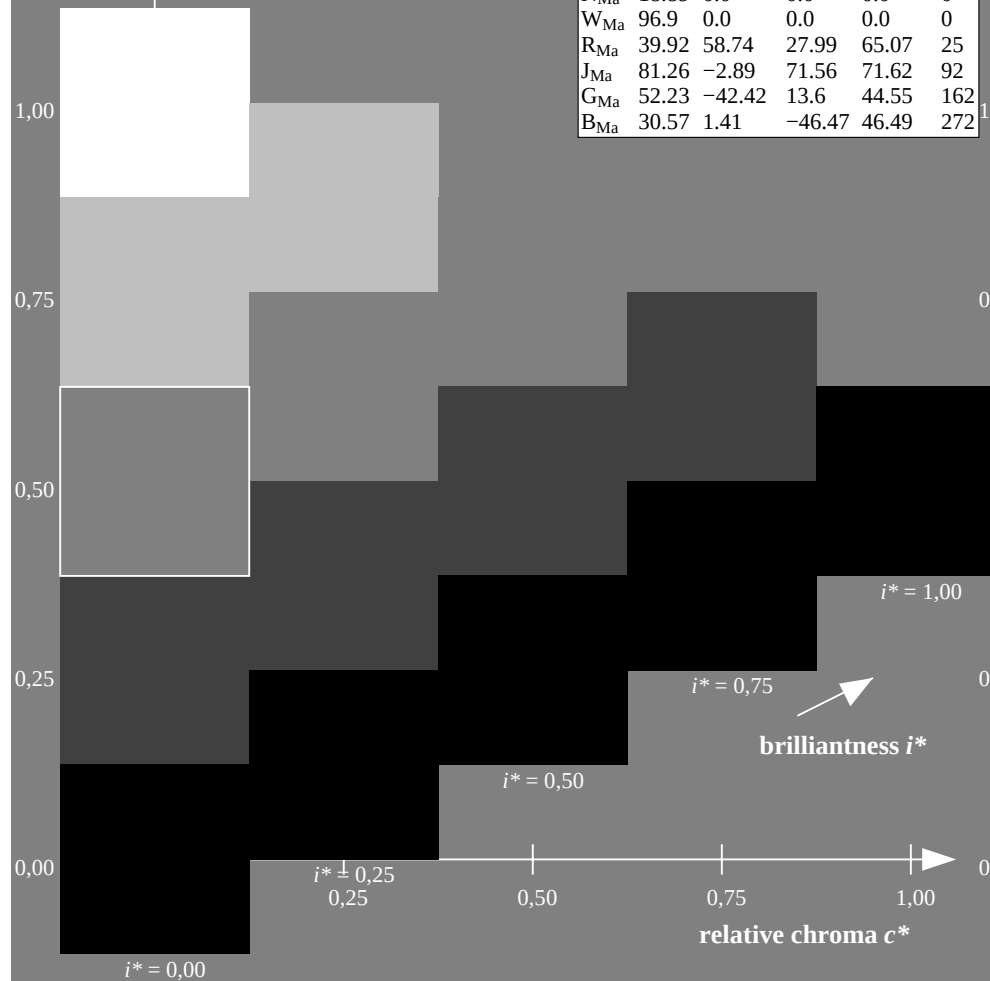
$u^*_{rel} = 89$

%Regularity

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

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

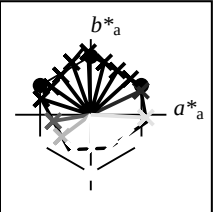
ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k		
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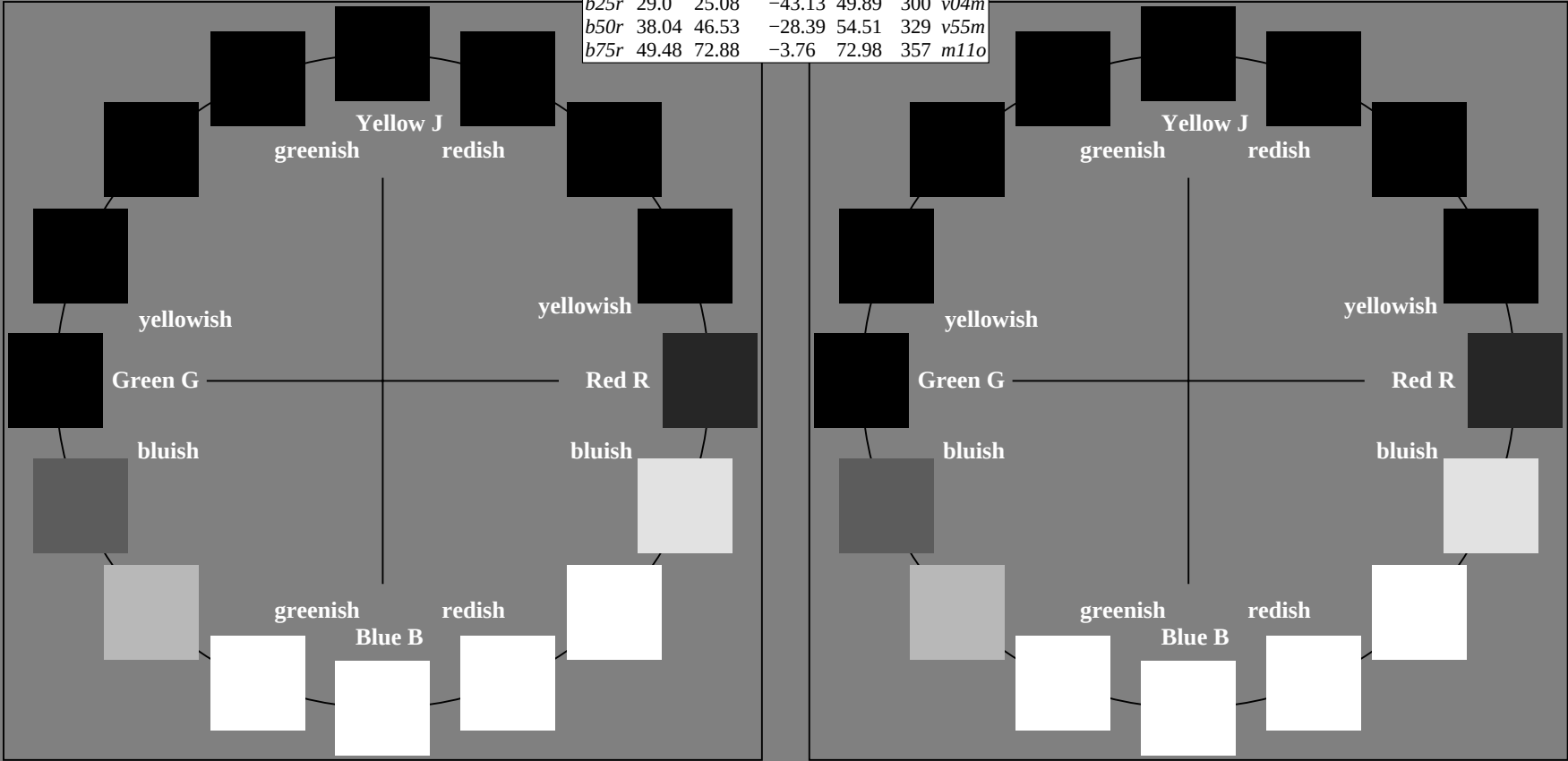
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u_e^* and number $no.$ = 00 .. 15
elementary hue text:
 $u_e^* = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$



%Gamut
 $u_{rel}^* = 89$
%Regularity
 $g_{H,rel}^* = 72$
 $g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data					
Name	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

$u^*_e = r00j$

data for any colour:

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

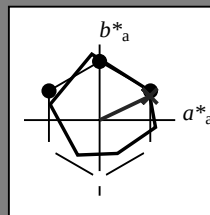
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 66 32

$LAB^*LCH^*_{Ma}$: 49 74 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.15

triangle lightness t^*

%Gamut

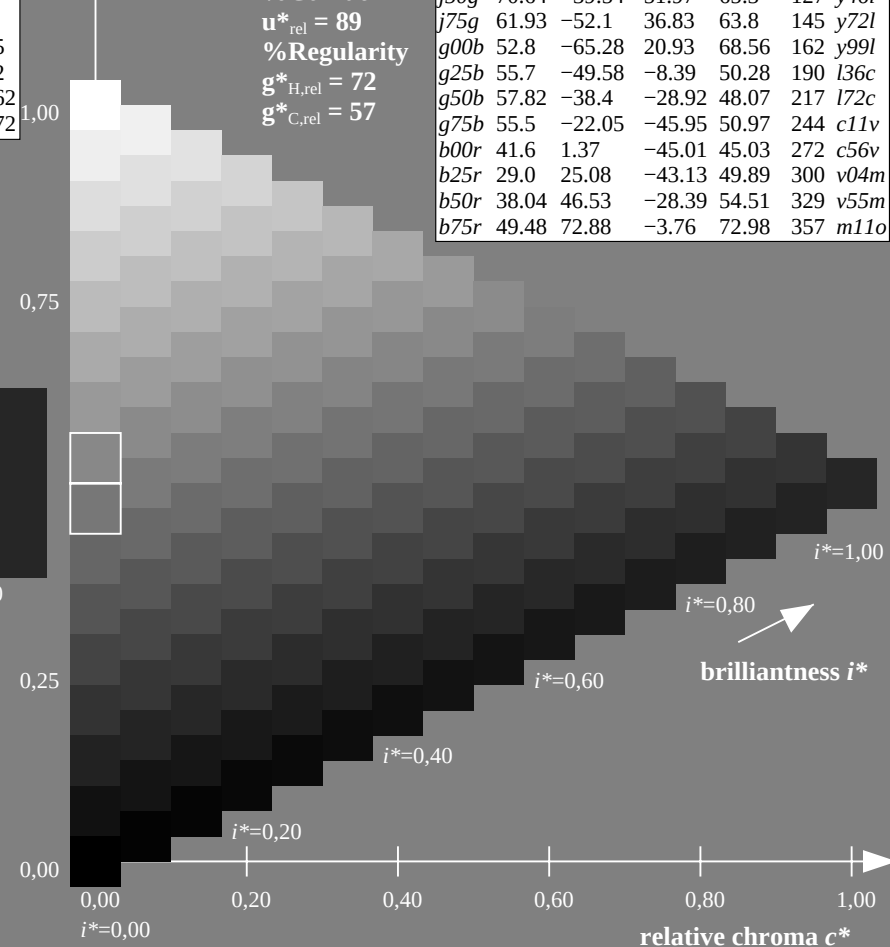
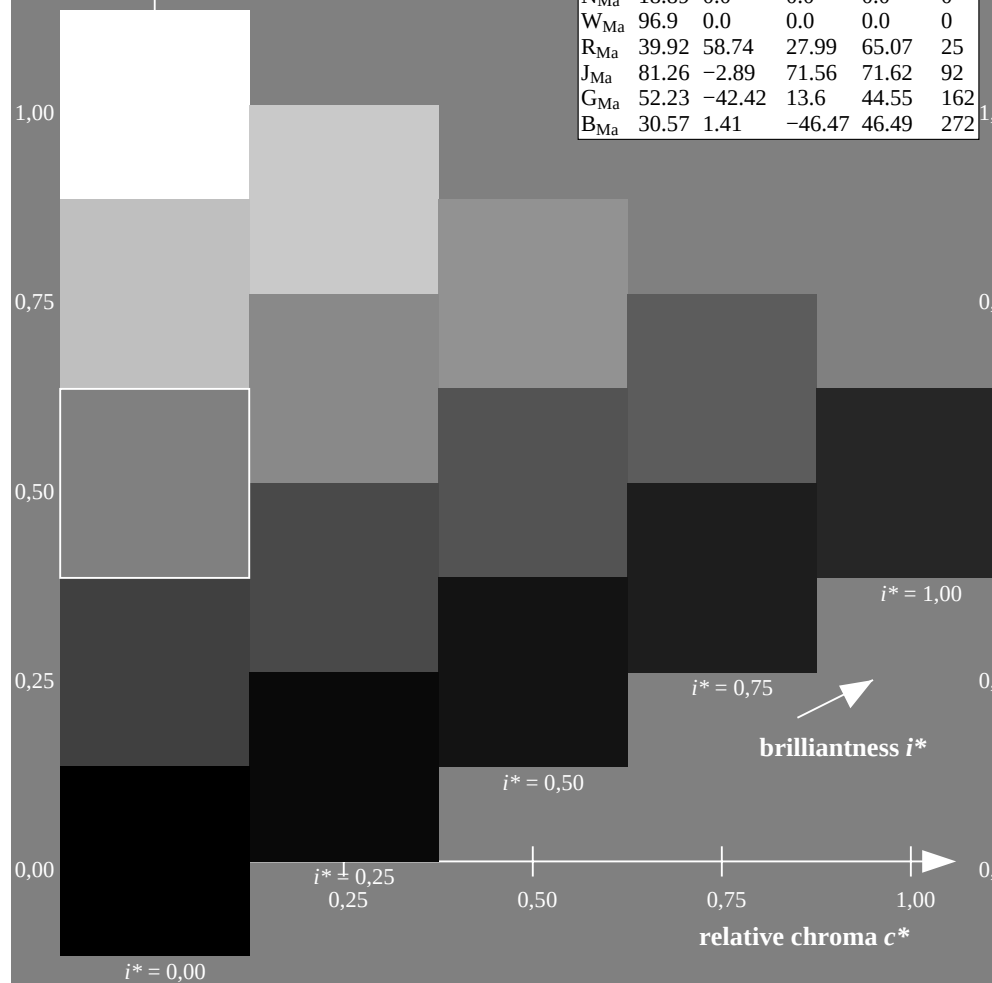
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$

$u^*_e = r25j$

data for any colour:

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

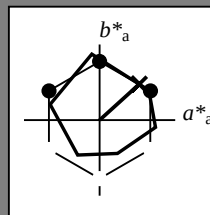
Hue texts:

$u^*_e = r25j$ $u^*_d = o17y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 52 47

$LAB^*LCH^*_{Ma}$: 56 71 42

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

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

triangle lightness t^*

%Gamut

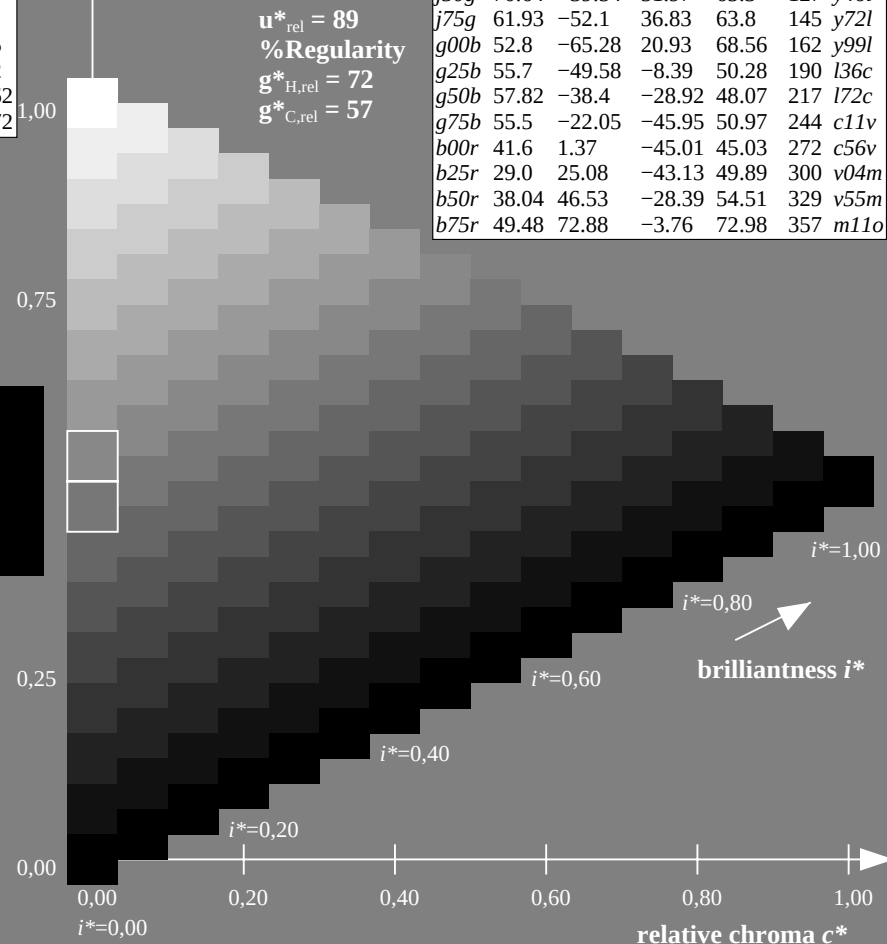
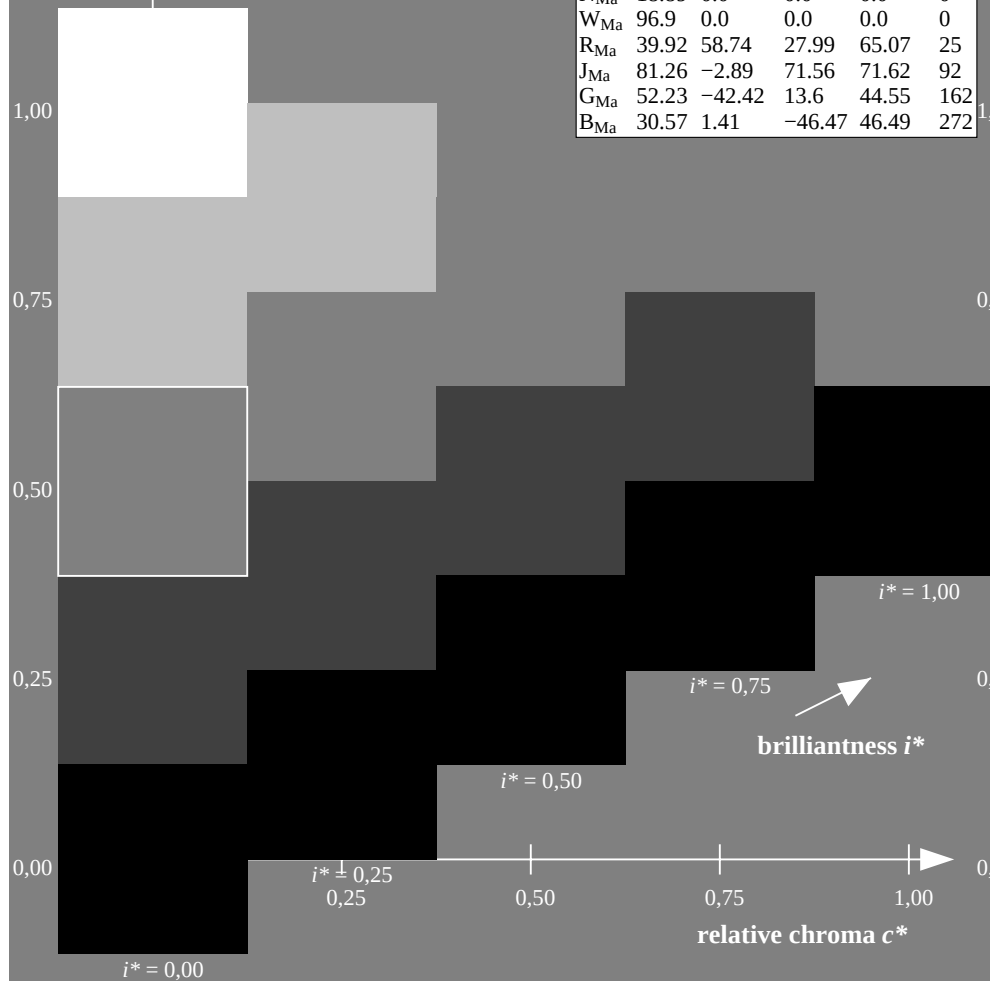
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$

$u^*_e = r50j$

data for any colour:

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

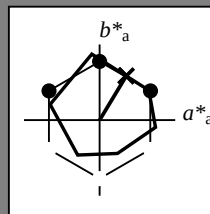
Hue texts:

$u^*_e = r50j$ $u^*_d = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 35 58

$LAB^*LCH^*_{Ma}$: 65 68 58

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

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

triangle lightness t^*

%Gamut

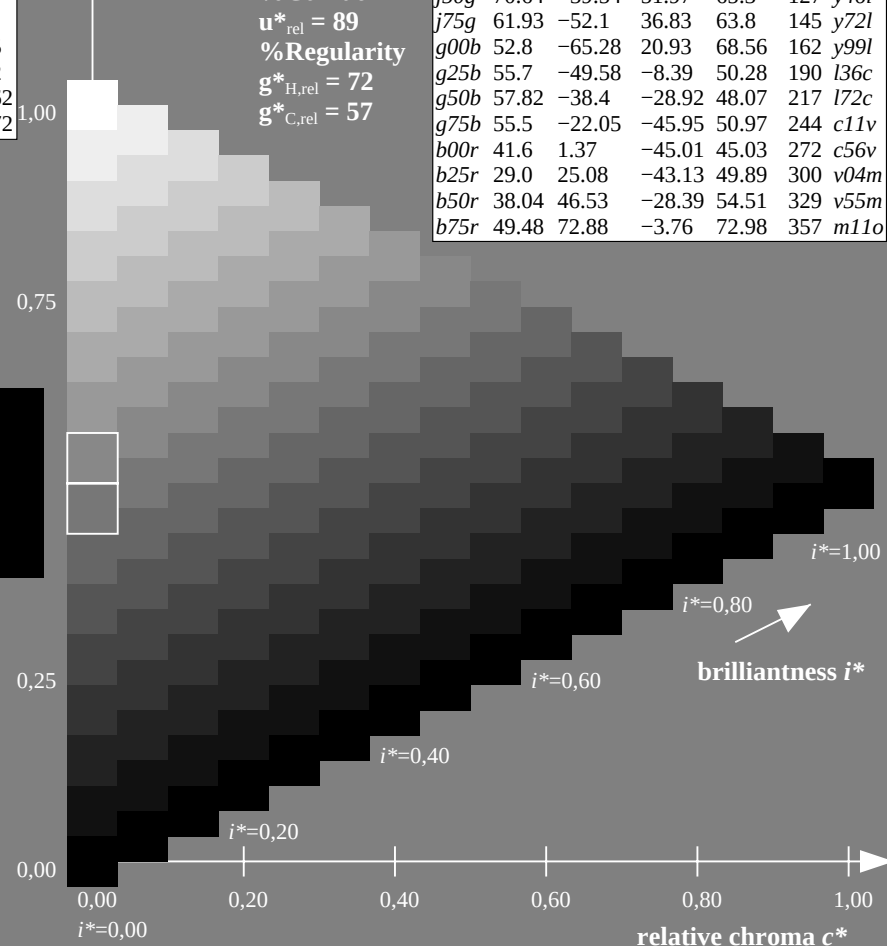
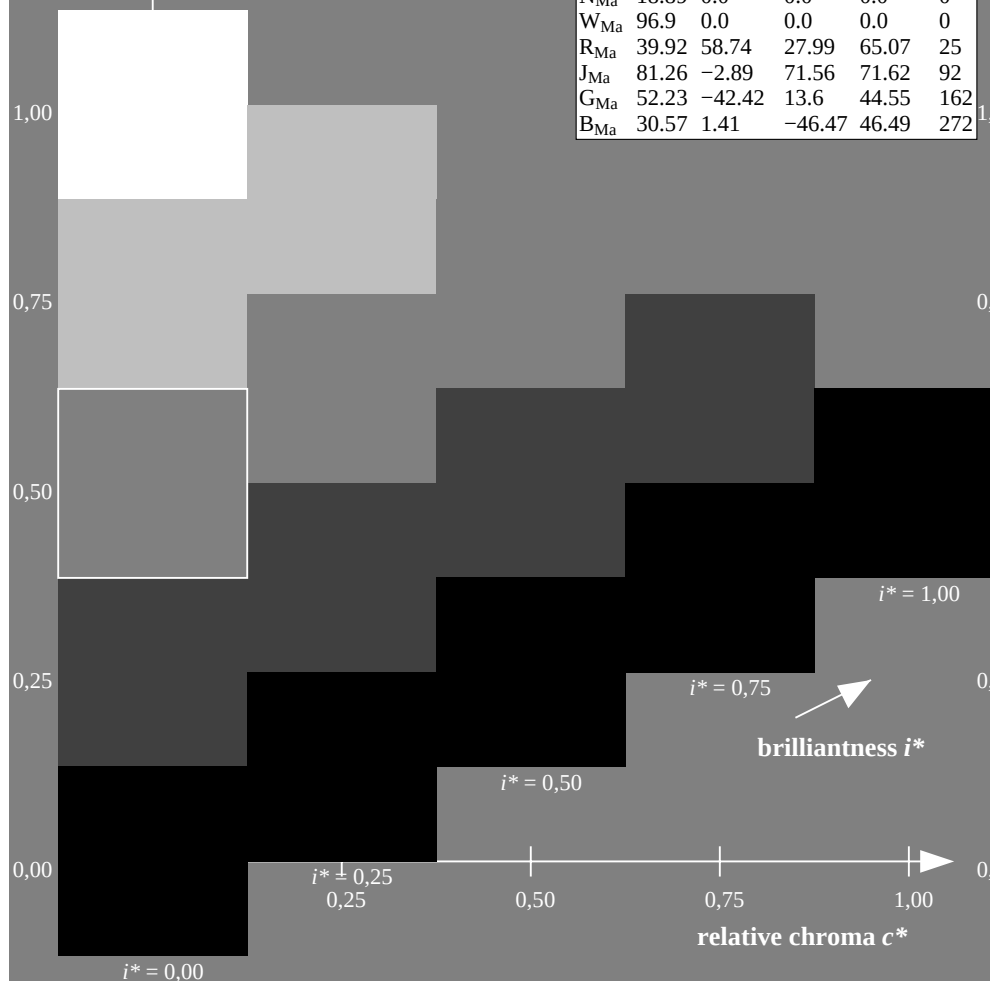
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

$u^*_e = r75j$

data for any colour:

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

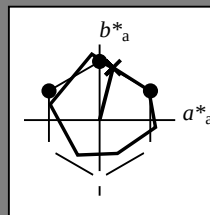
Hue texts:

$u^*_e = r75j$ $u^*_d = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

$LAB^*LCH^*_{Ma}$: 75 72 75

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

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

triangle lightness t^*

%Gamut

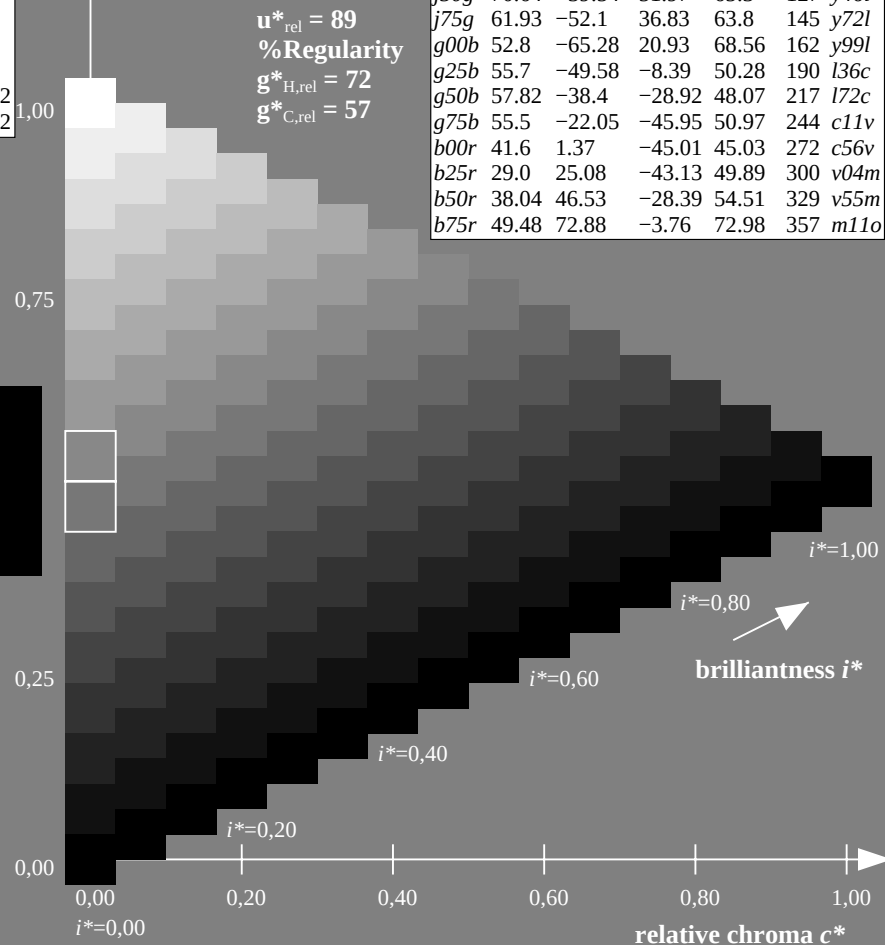
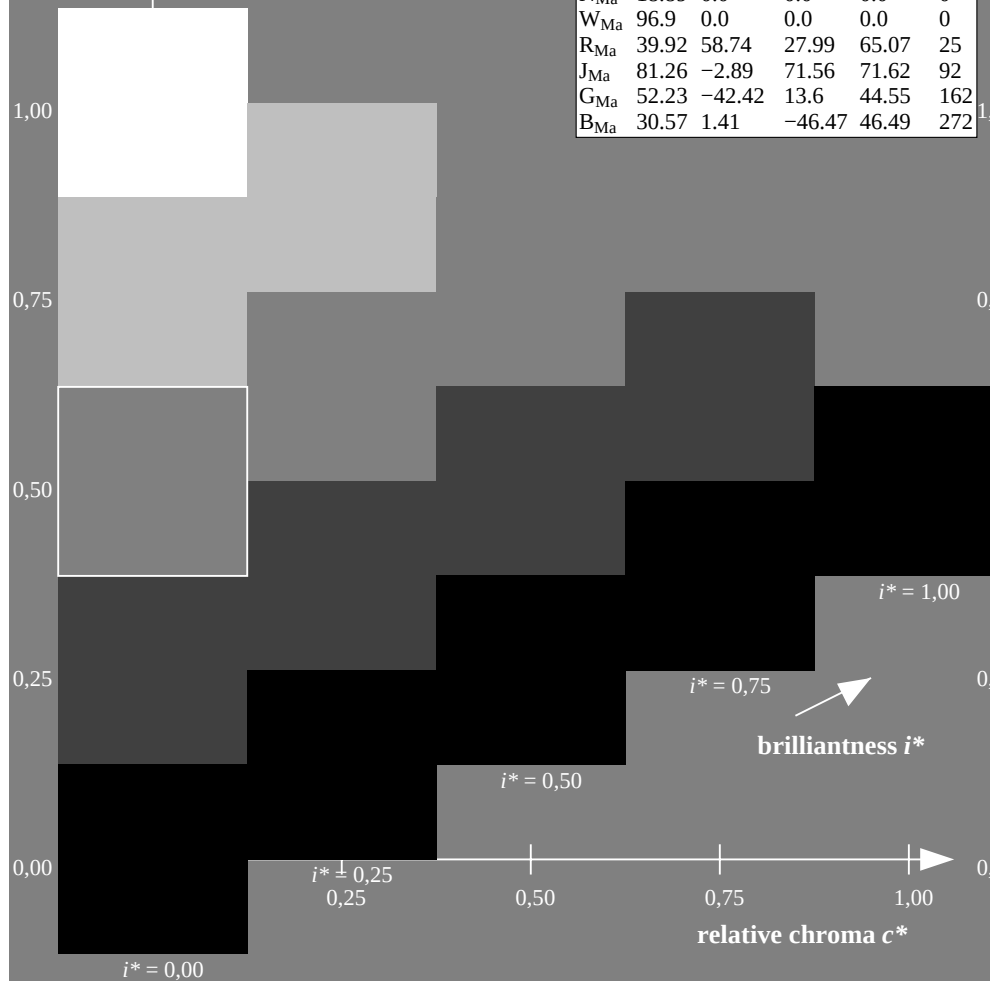
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

$u^*_e = j00g$

data for any colour:

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

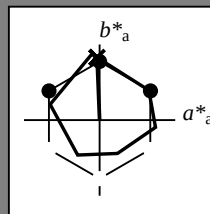
Hue texts:

$u^*_e = j00g$ $u^*_d = o92y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -3 83

$LAB^*LCH^*_{Ma}$: 87 83 92

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

$lab^*olv^*_{Ma}$: 1.0 0.93 0.0

triangle lightness t^*

%Gamut

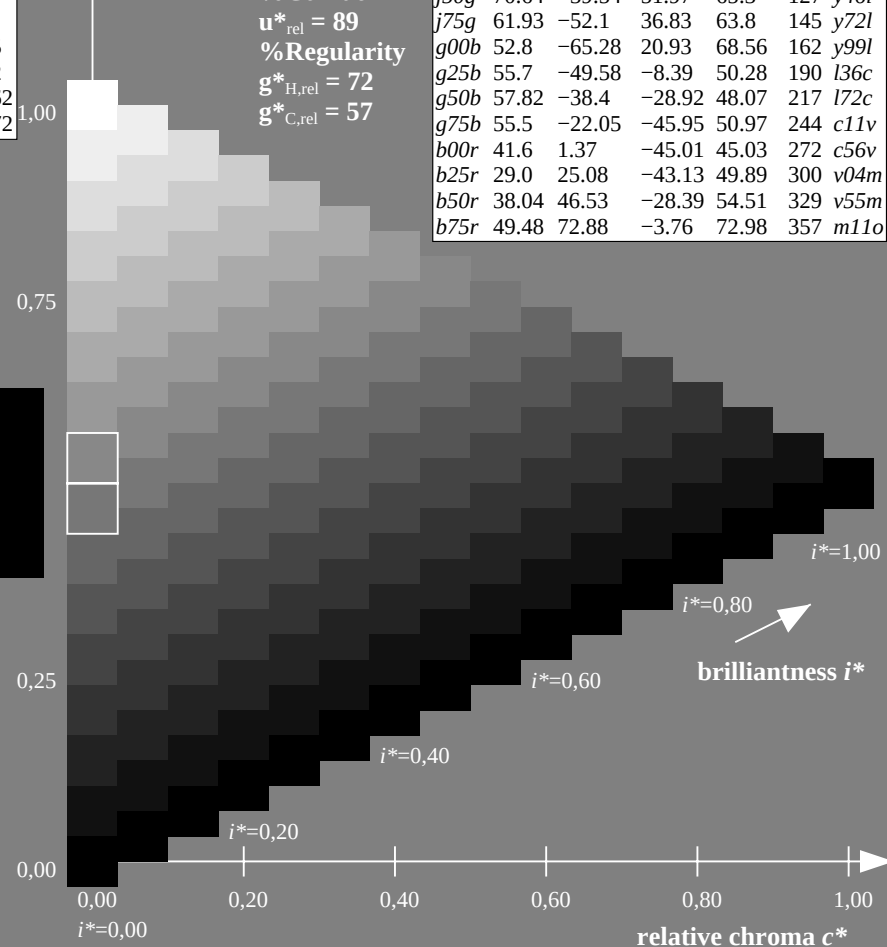
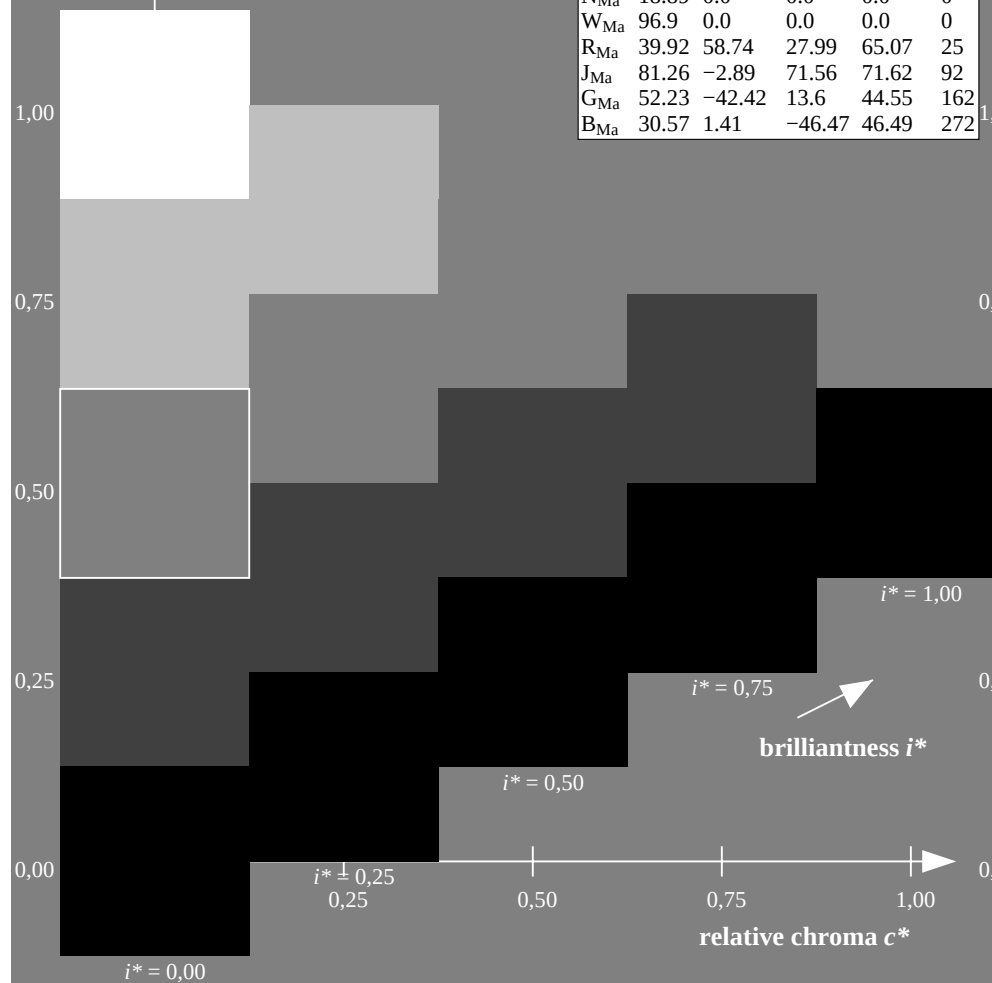
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

$u^*_e = j25g$

data for any colour:

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

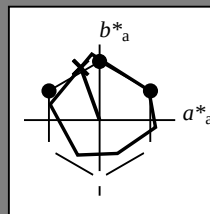
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

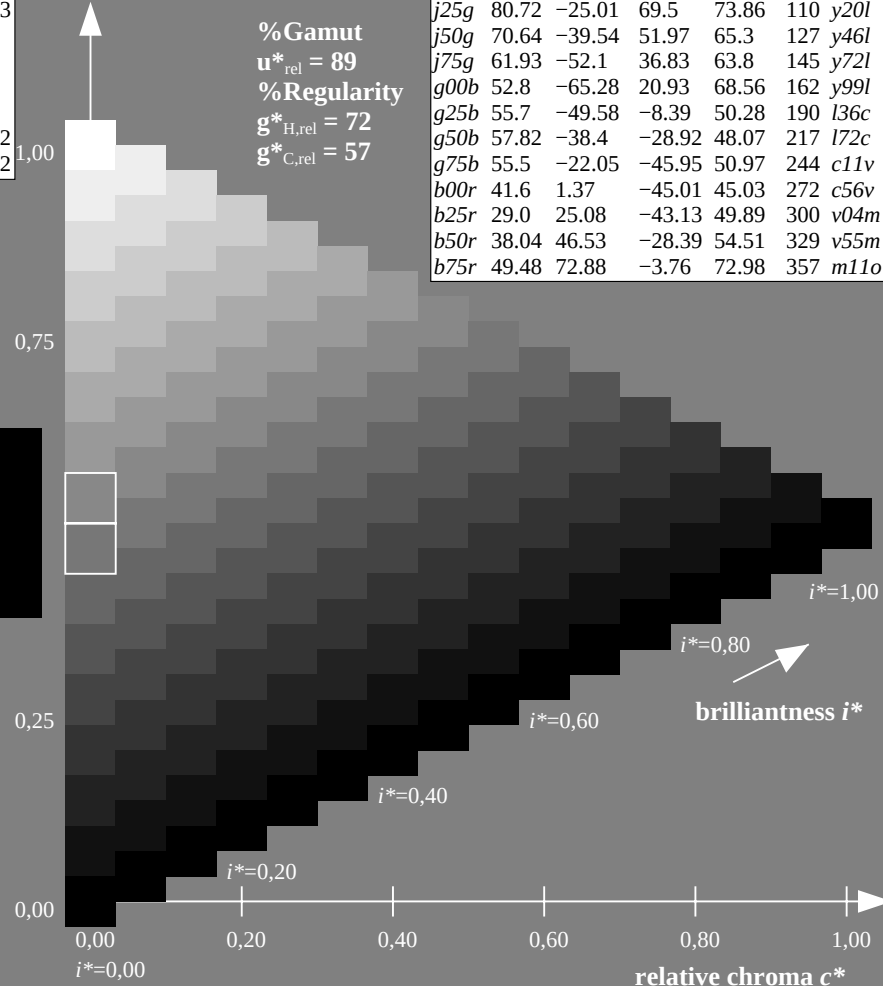
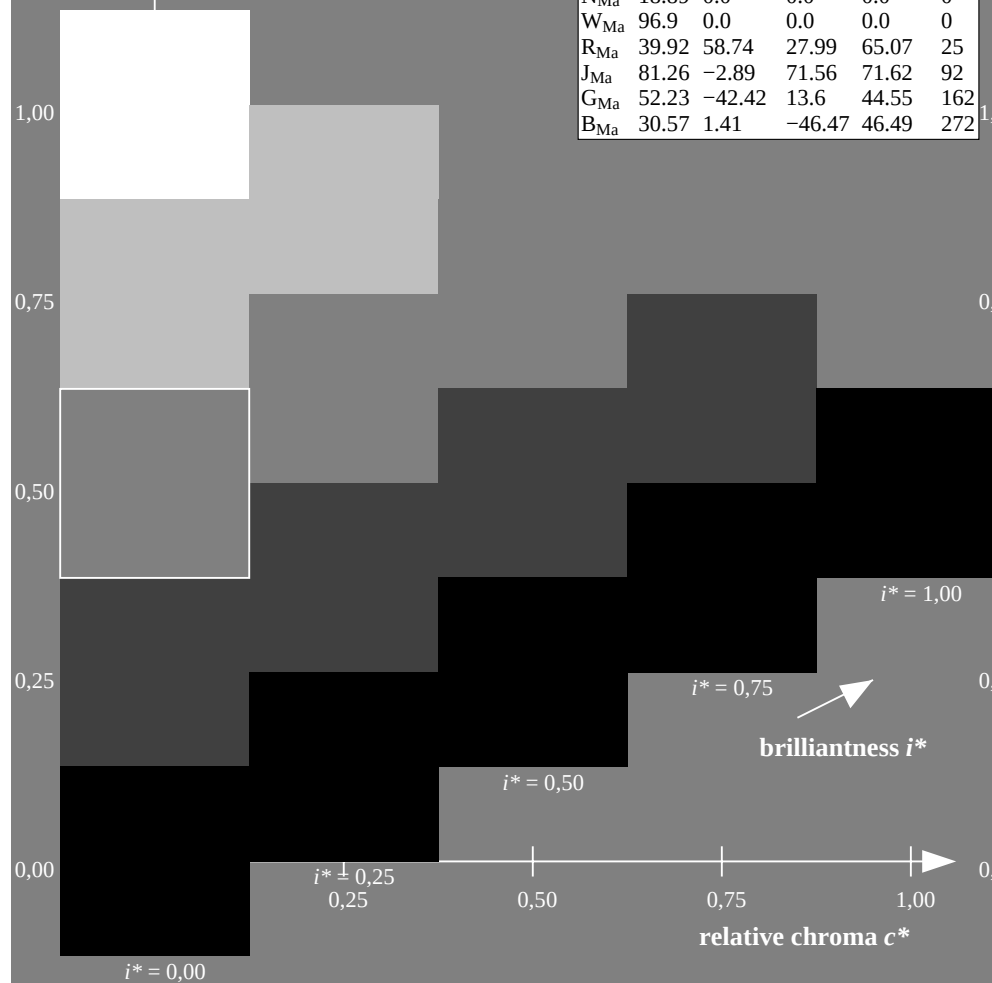
$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

$u^*_e = j50g$

data for any colour:

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

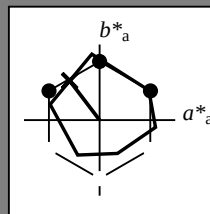
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 71 -40 52$

$LAB^*LCH^*_{Ma}: 71 65 127$

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

$lab^*olv^*_{Ma}: 0.54 1.0 0.0$

triangle lightness t^*

%Gamut

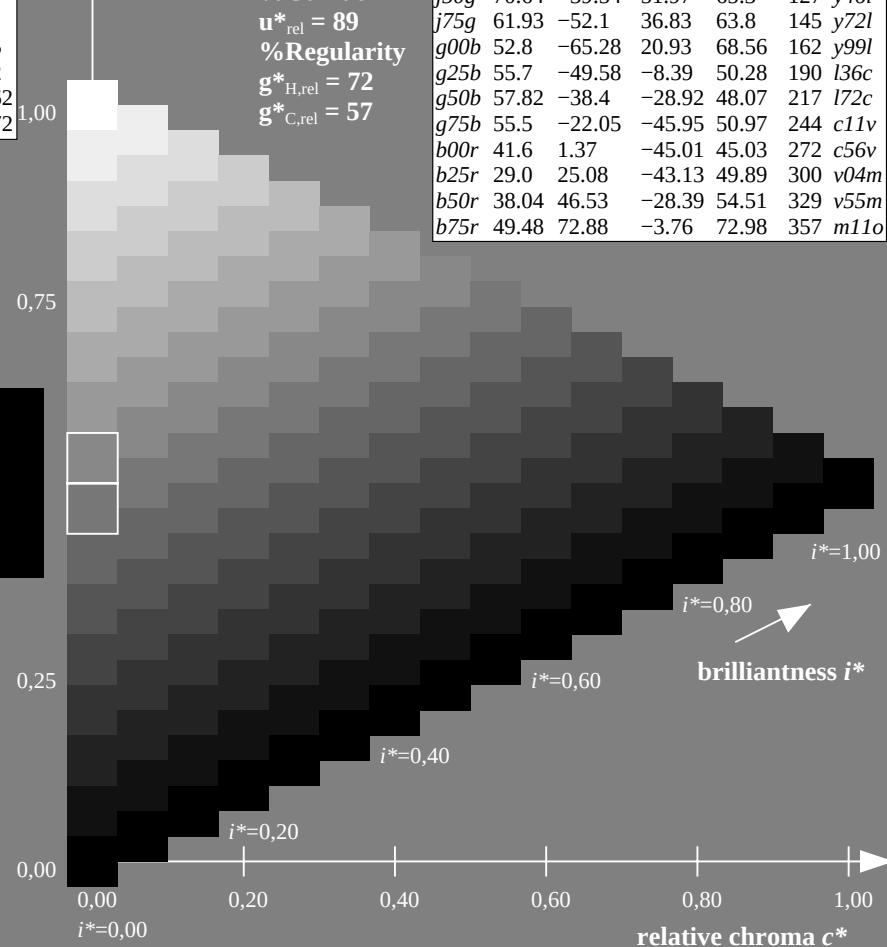
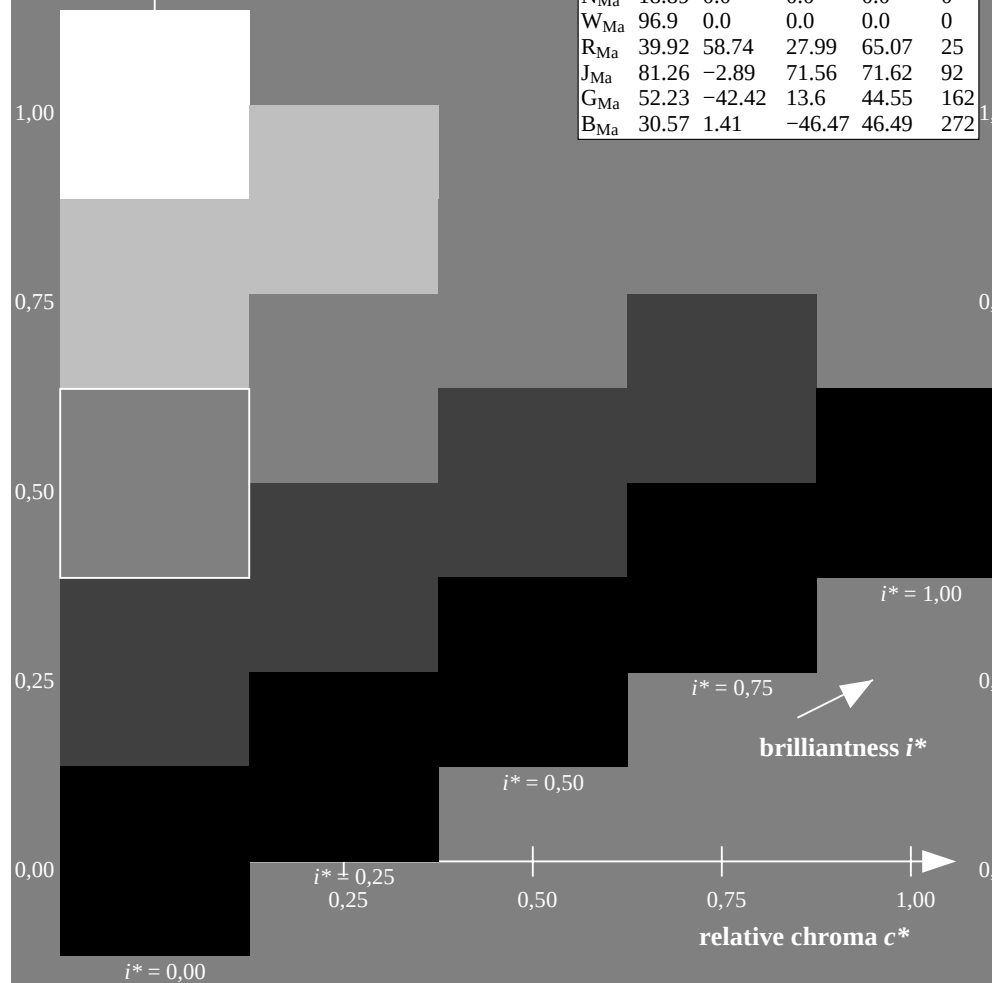
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

$u^*_e = j75g$

data for any colour:

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

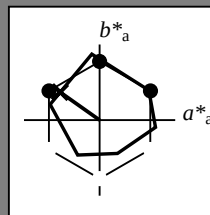
Hue texts:

$u^*_e = j75g$ $u^*_d = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -52 37

$LAB^*LCH^*_{Ma}$: 62 64 144

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

$lab^*olv^*_{Ma}$: 0.27 1.0 0.0

triangle lightness t^*

%Gamut

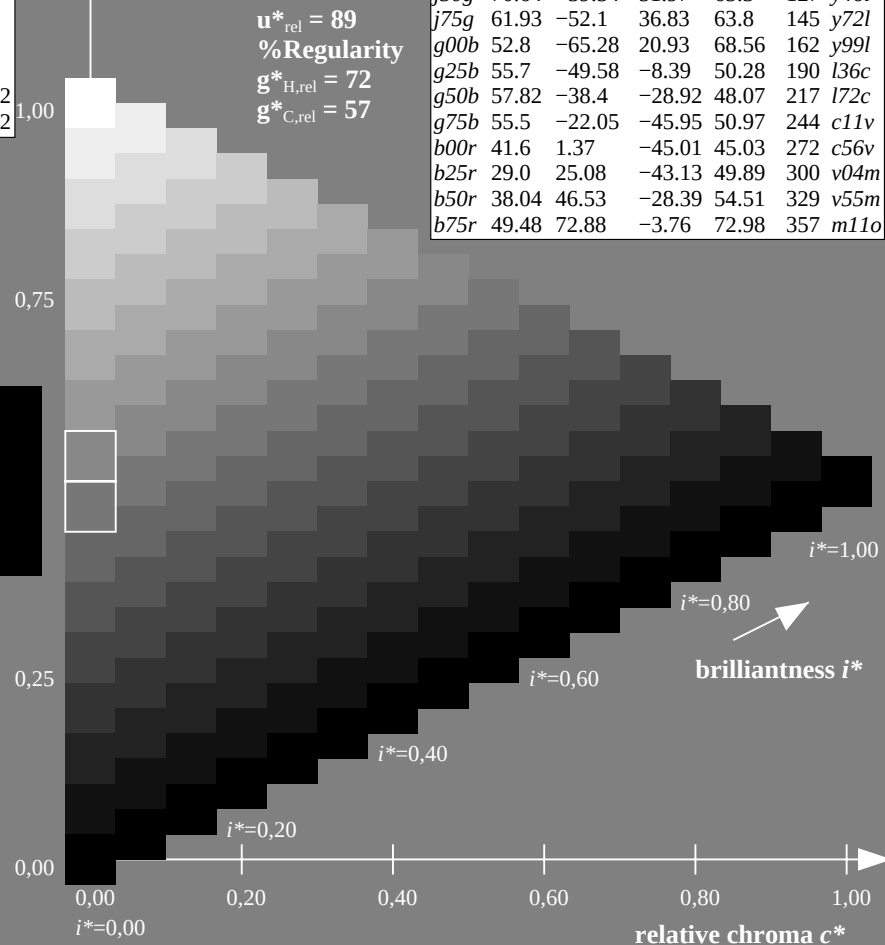
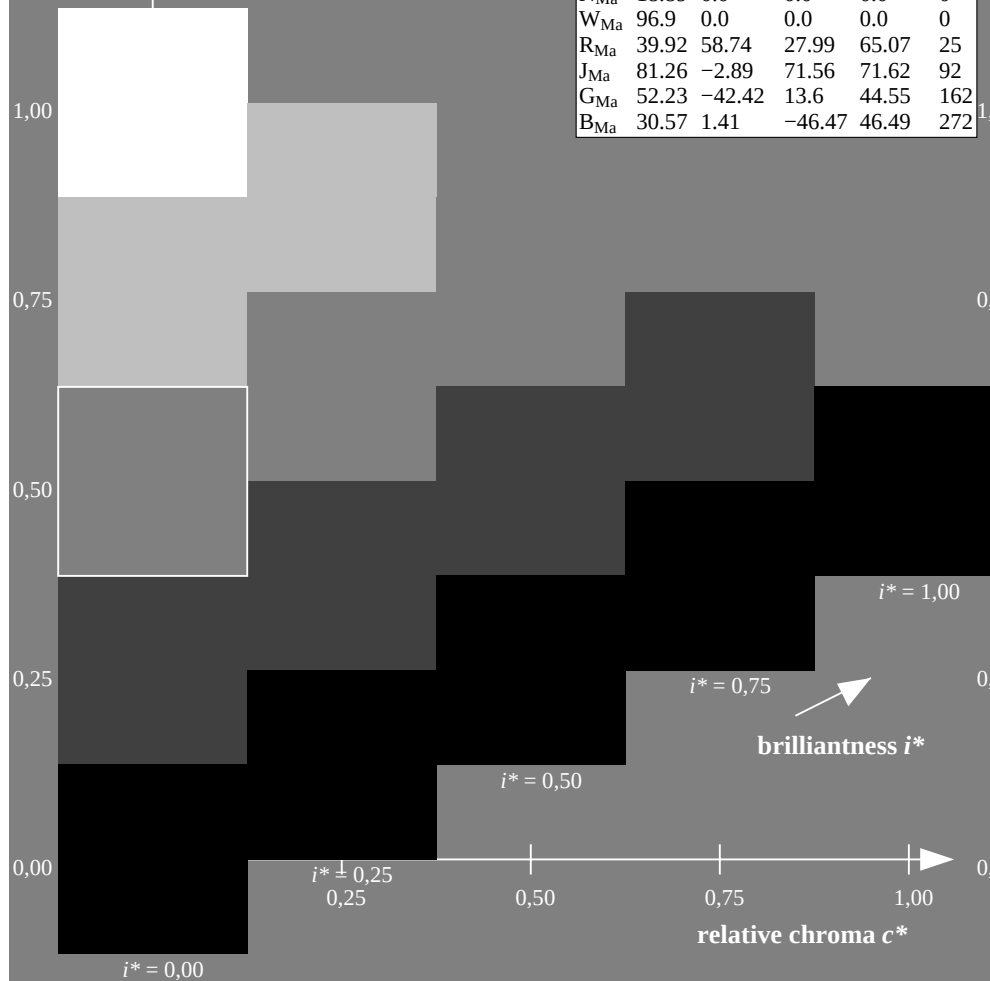
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

$u^*_e = g00b$

data for any colour:

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

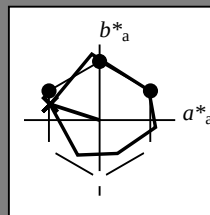
Hue texts:

$u^*_e = g00b$ $u^*_d = y99l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 53 -65 21$

$LAB^*LCH^*_{Ma}: 53 69 162$

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

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

triangle lightness t^*

%Gamut

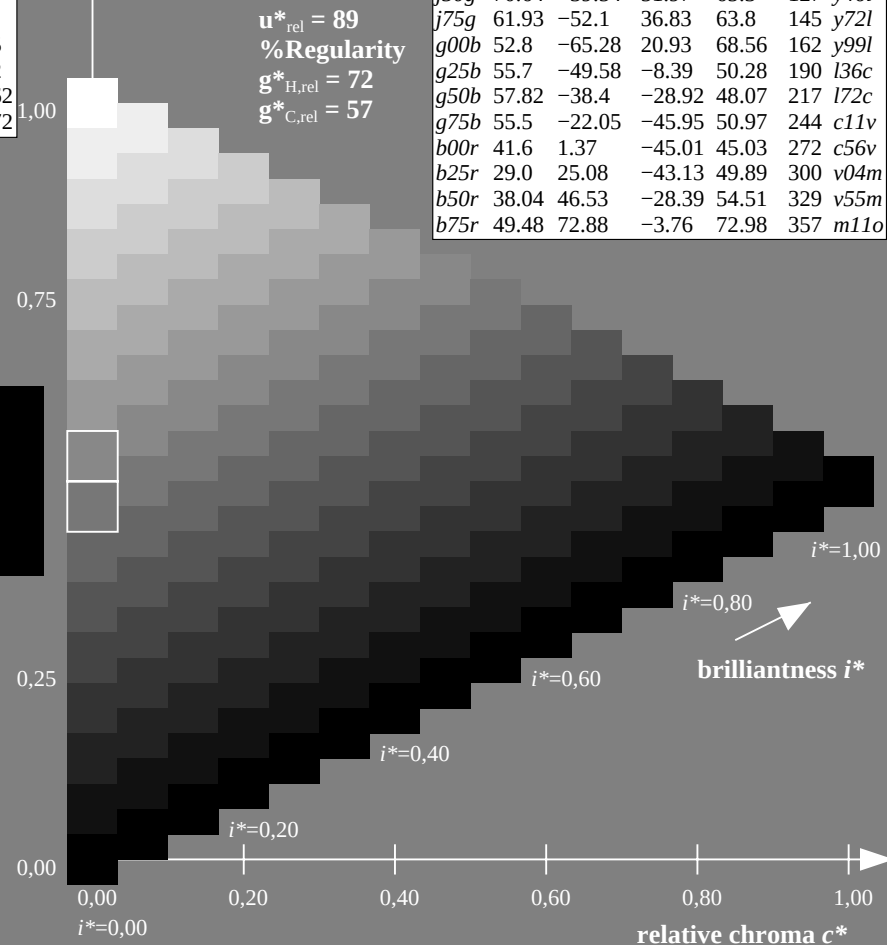
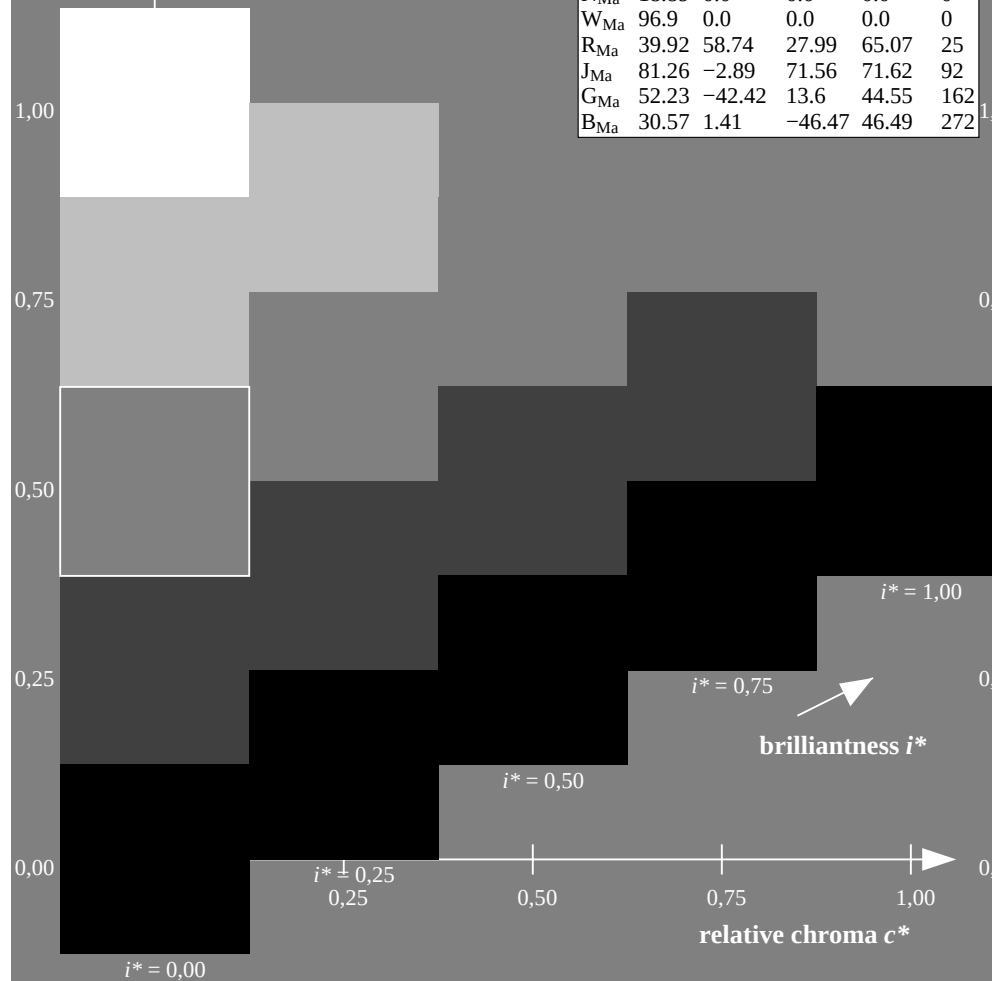
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

$u^*_e = g25b$

data for any colour:

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

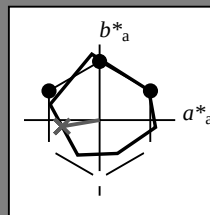
Hue texts:

$u^*_e = g25b$ $u^*_d = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 56 \ -50 \ -8$

$LAB^*LCH^*_{Ma}: 56 \ 50 \ 189$

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

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

triangle lightness t^*

%Gamut

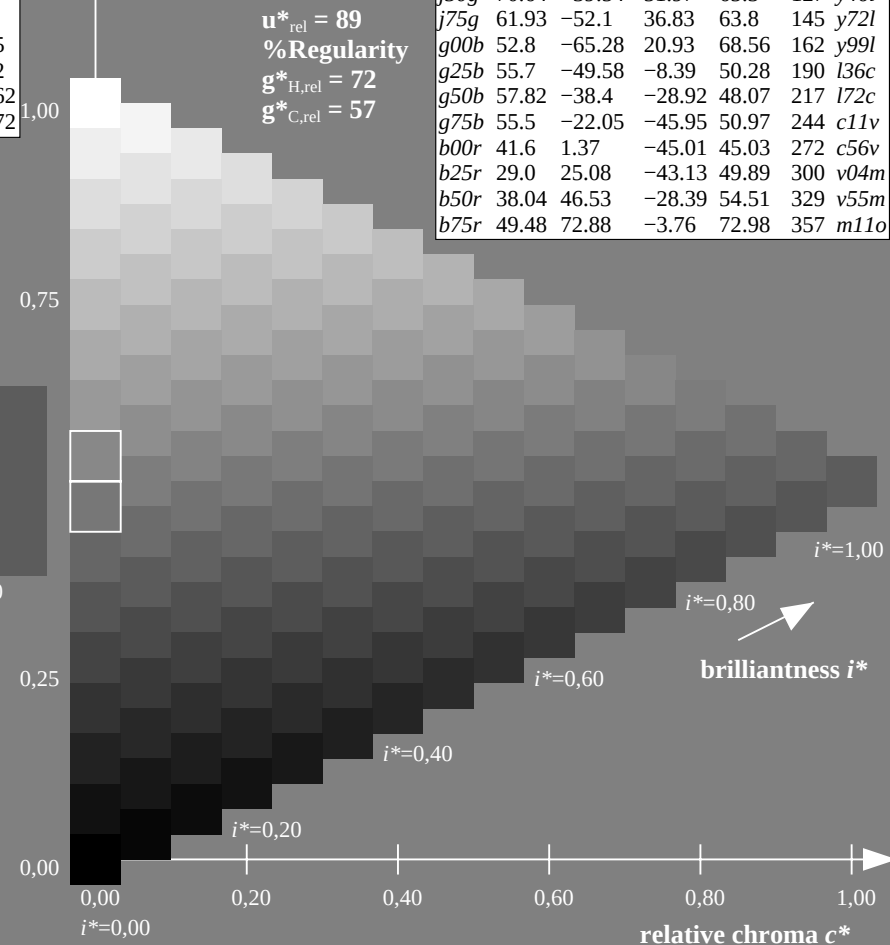
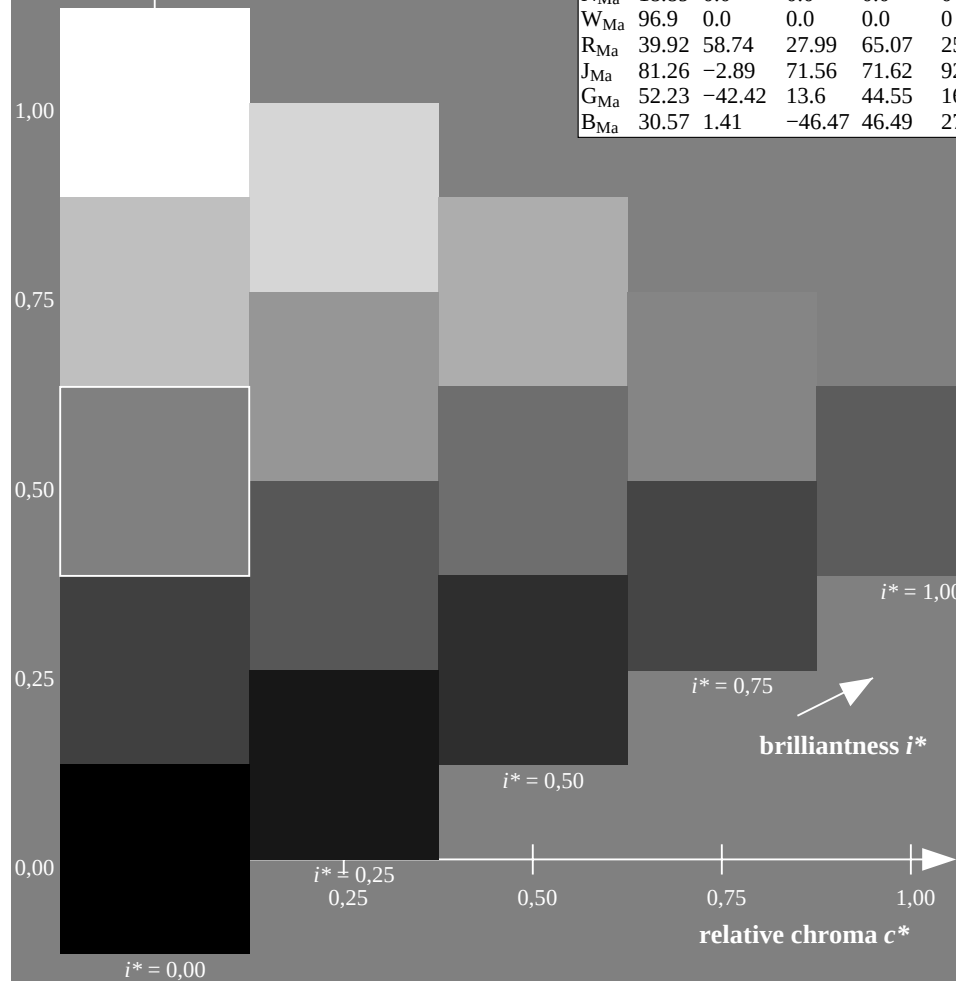
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

$u^*_e = g50b$

data for any colour:

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

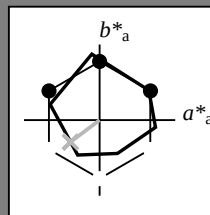
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -38 -29

$LAB^*LCH^*_{Ma}$: 58 48 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

%Gamut

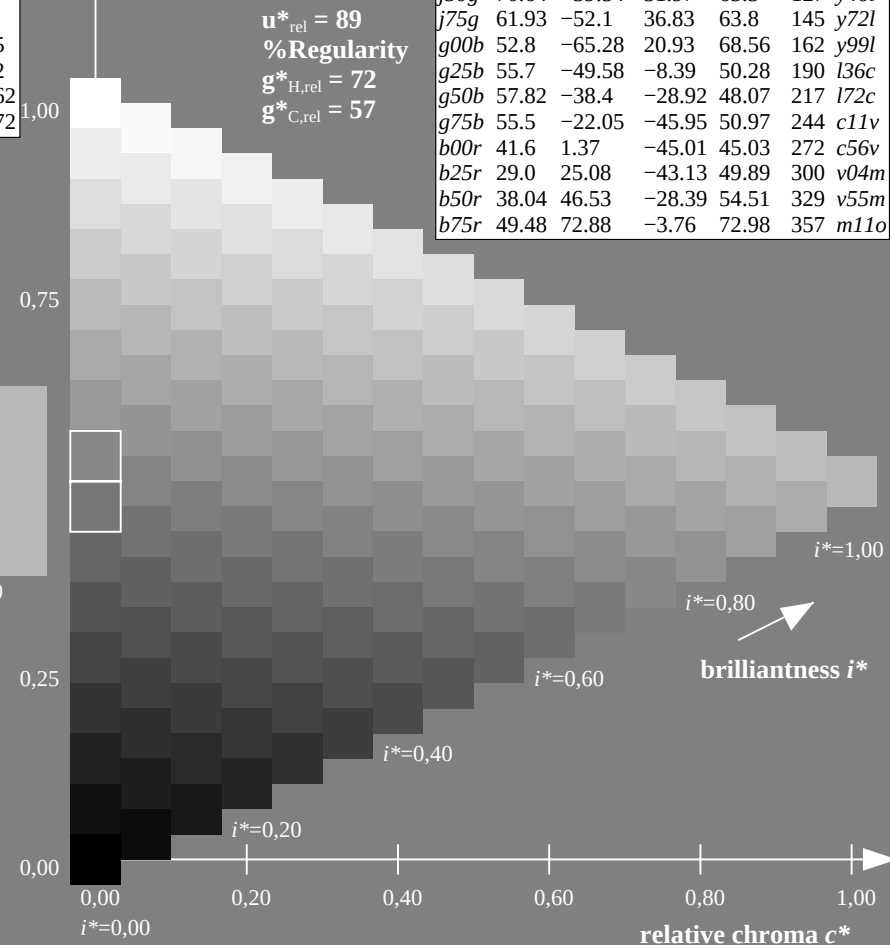
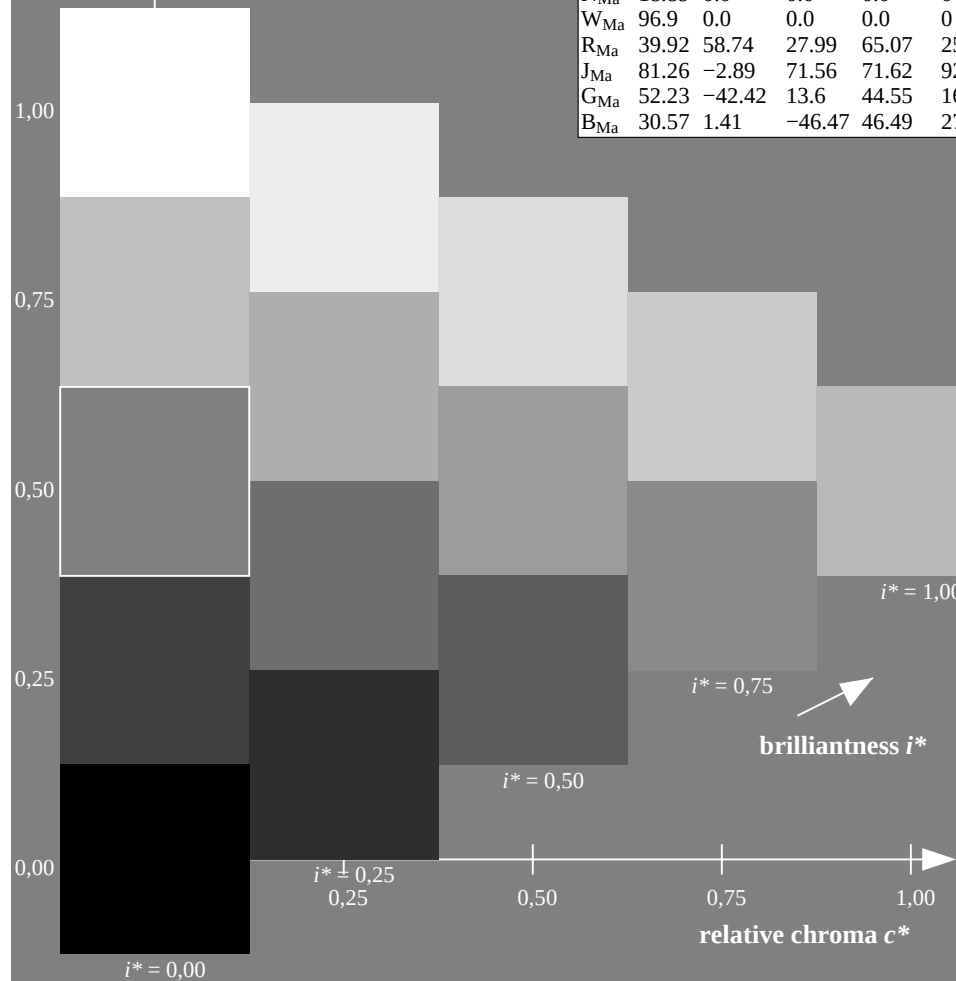
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

$u^*_e = g75b$

data for any colour:

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

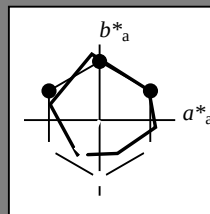
Hue texts:

$u^*_e = g75b$ $u^*_d = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -22 -46

$LAB^*LCH^*_{Ma}$: 55 51 244

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

$lab^*olv^*_{Ma}$: 0.0 0.89 1.0

triangle lightness t^*

%Gamut

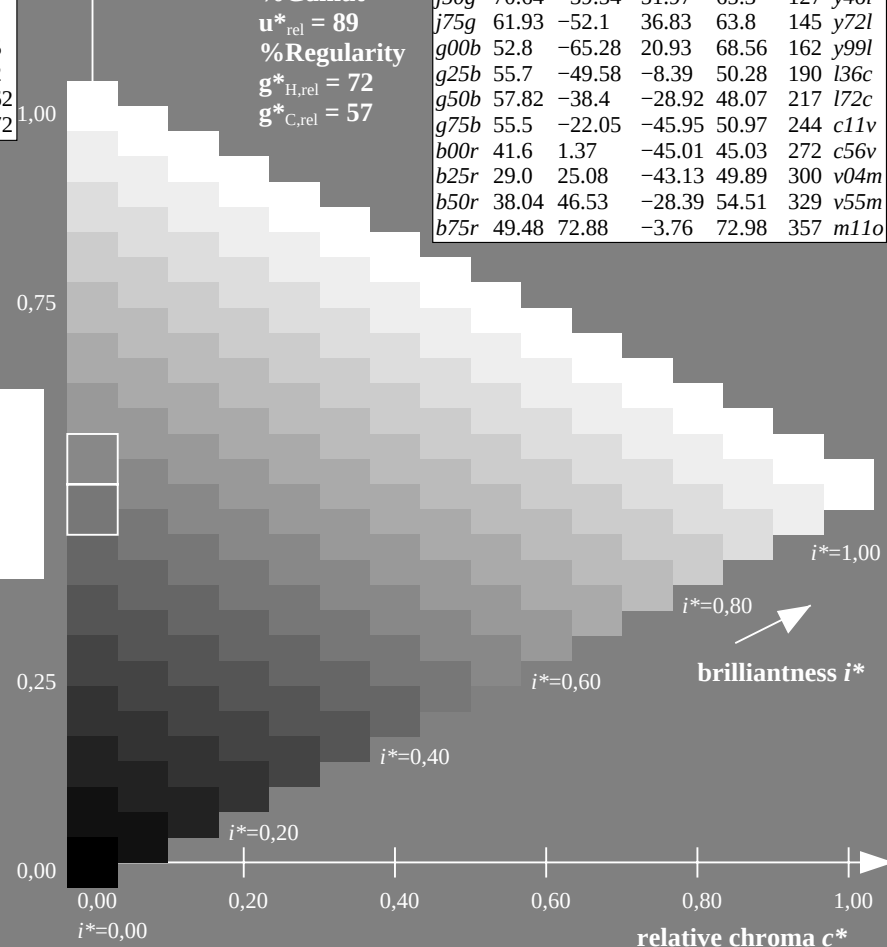
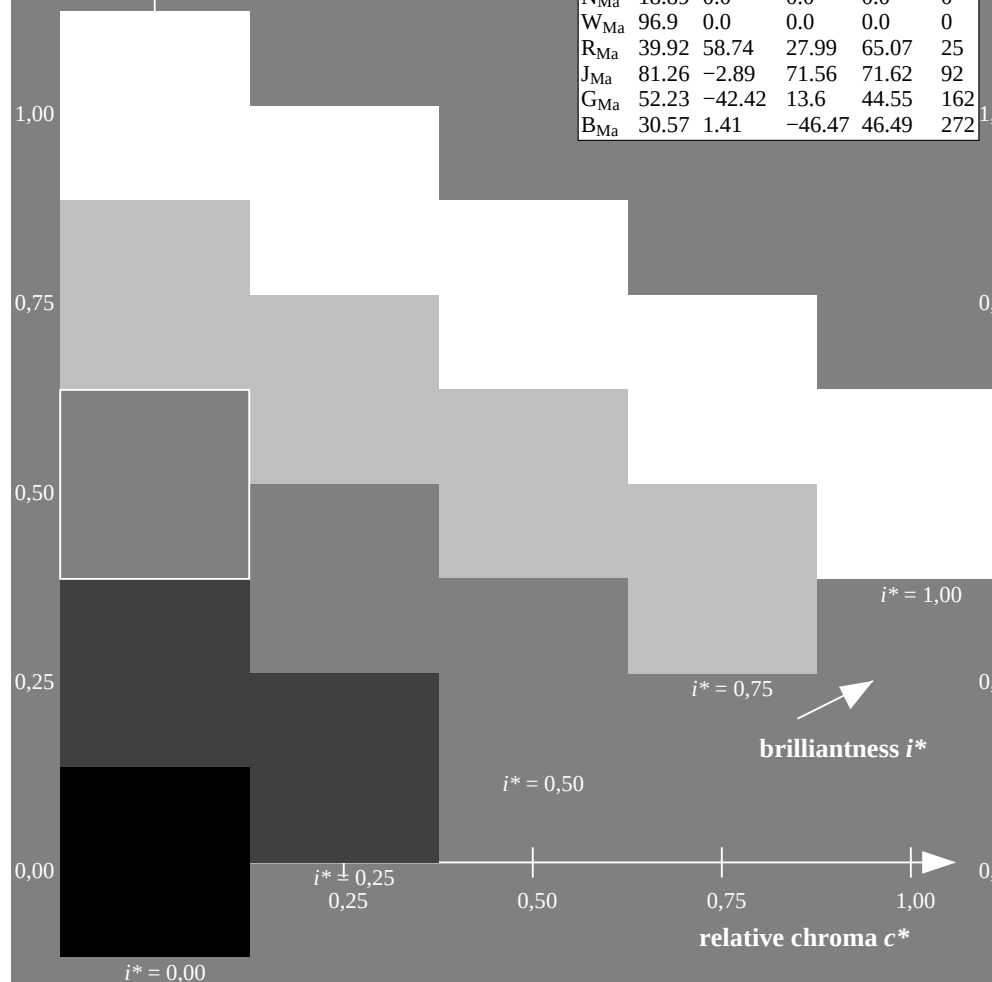
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$u^*_e = b00r$

data for any colour:

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

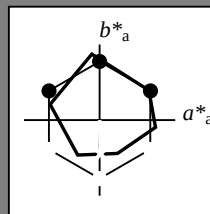
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

$LAB^*LCH^*_{Ma}$: 42 45 271

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

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

%Gamut

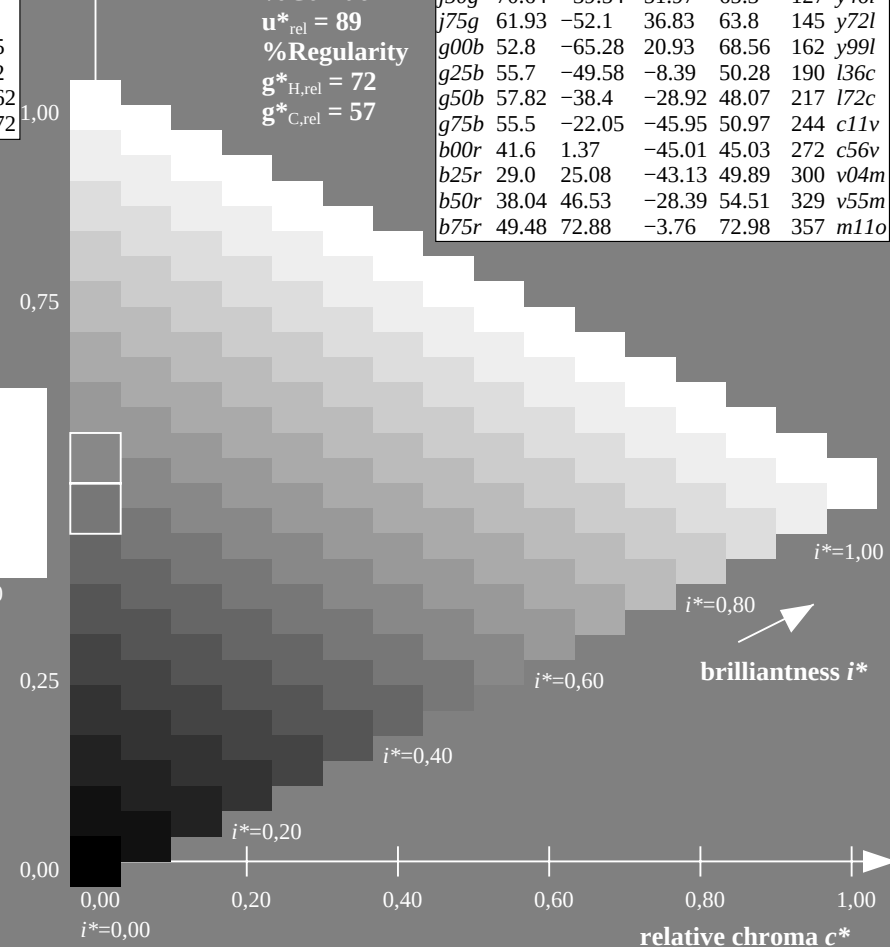
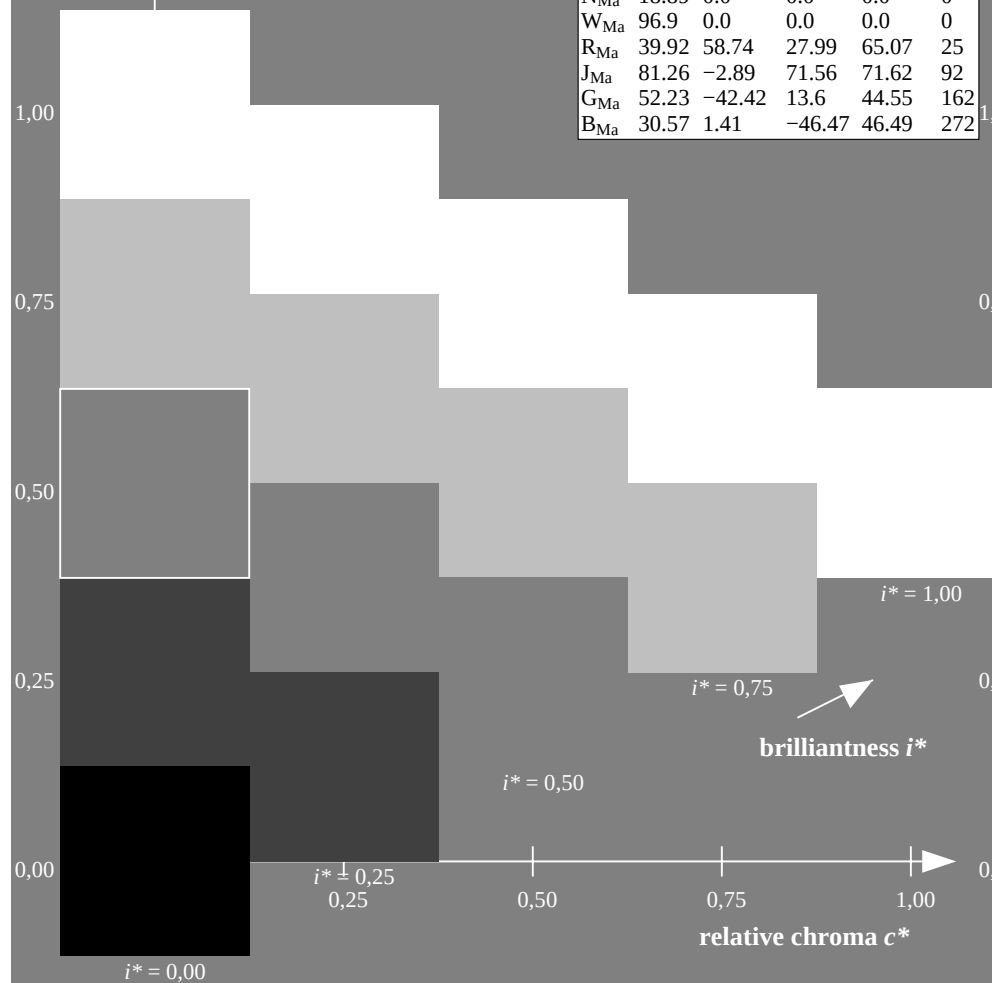
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

$u^*_e = b25r$

data for any colour:

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

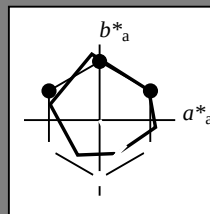
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 25 -43

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.04 0.0 1.0

triangle lightness t^*

%Gamut

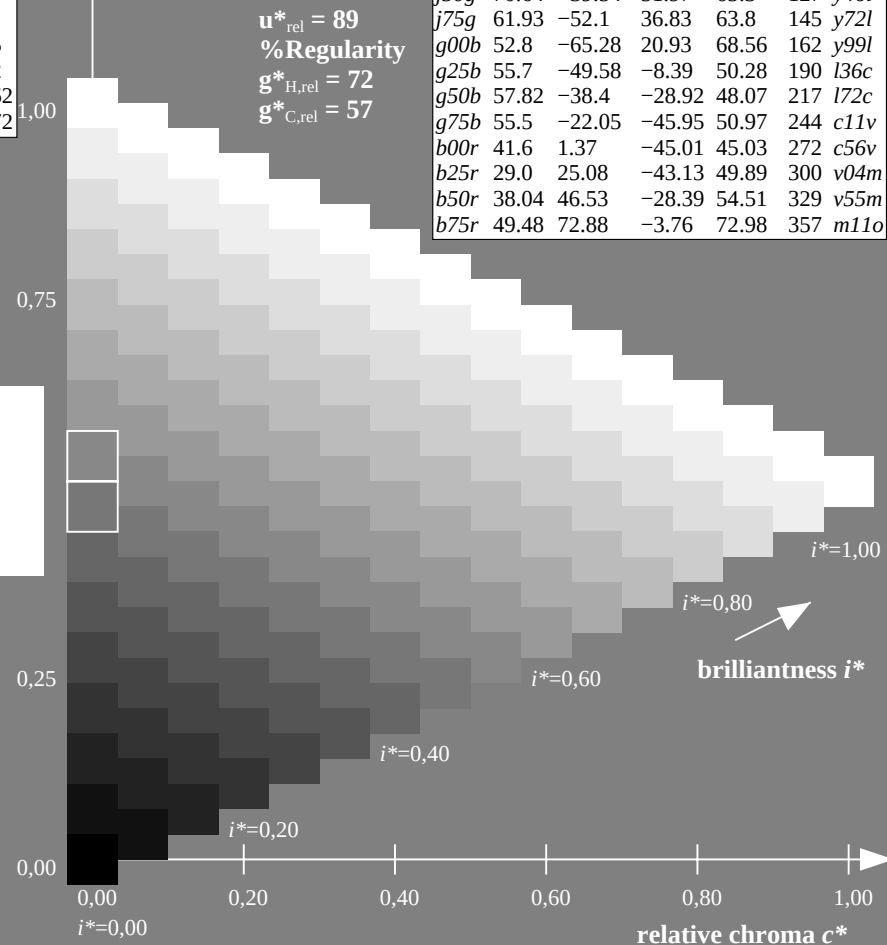
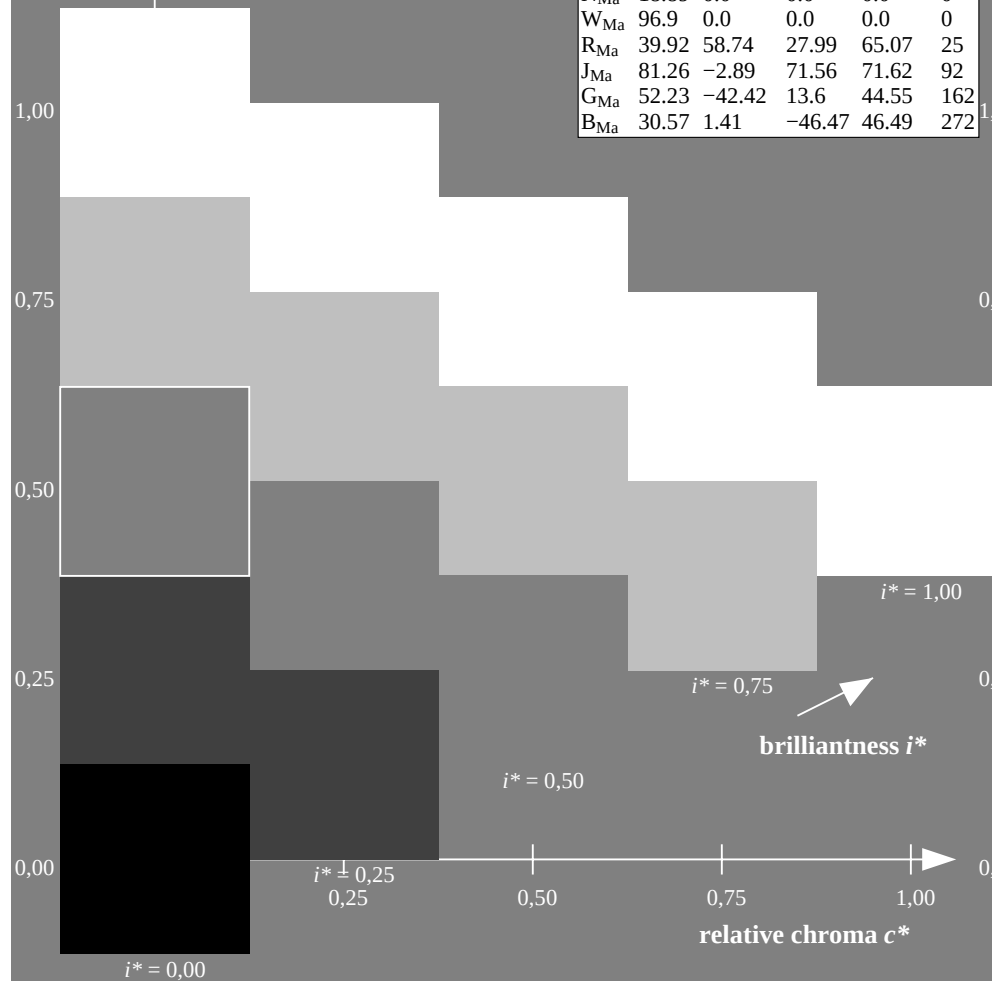
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

$u^*_e = b50r$

data for any colour:

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

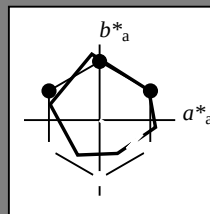
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

$LAB^*LCH^*_{Ma}$: 38 55 328

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

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

triangle lightness t^*

%Gamut

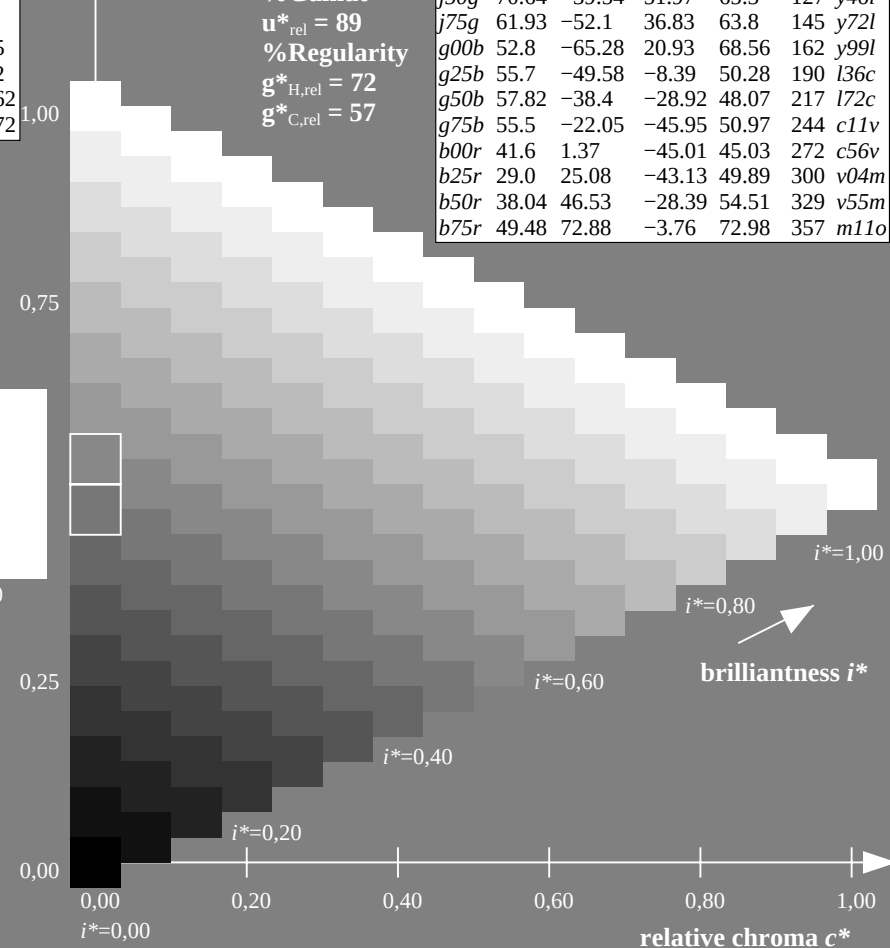
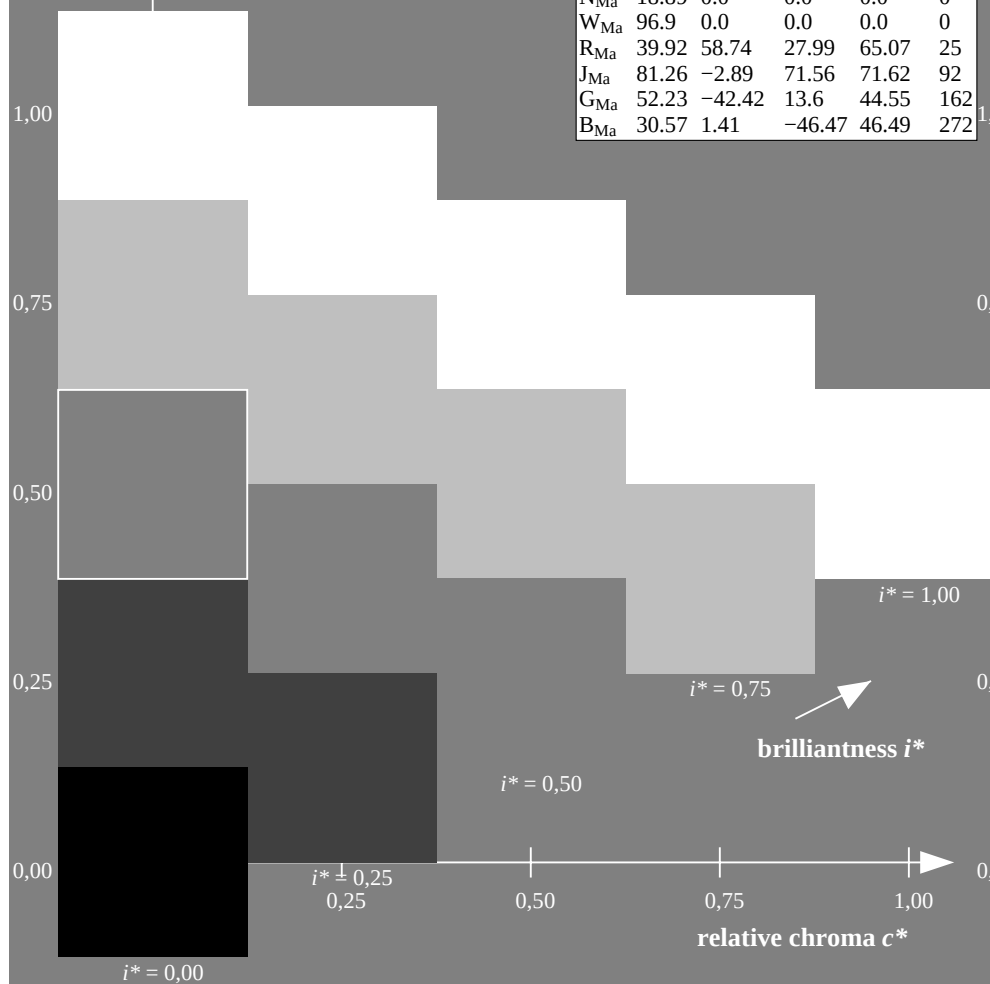
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

$u^*_e = b75r$

data for any colour:

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

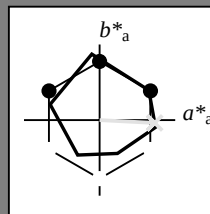
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 73 -4

$LAB^*LCH^*_{Ma}$: 49 73 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.89

triangle lightness t^*

%Gamut

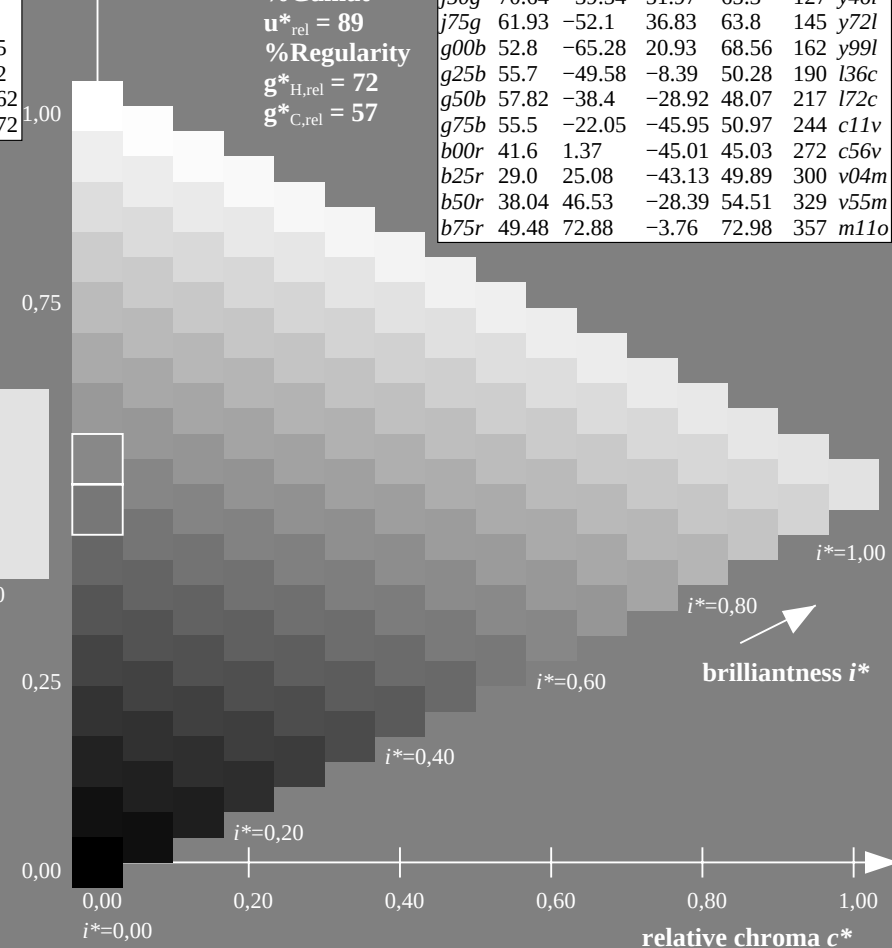
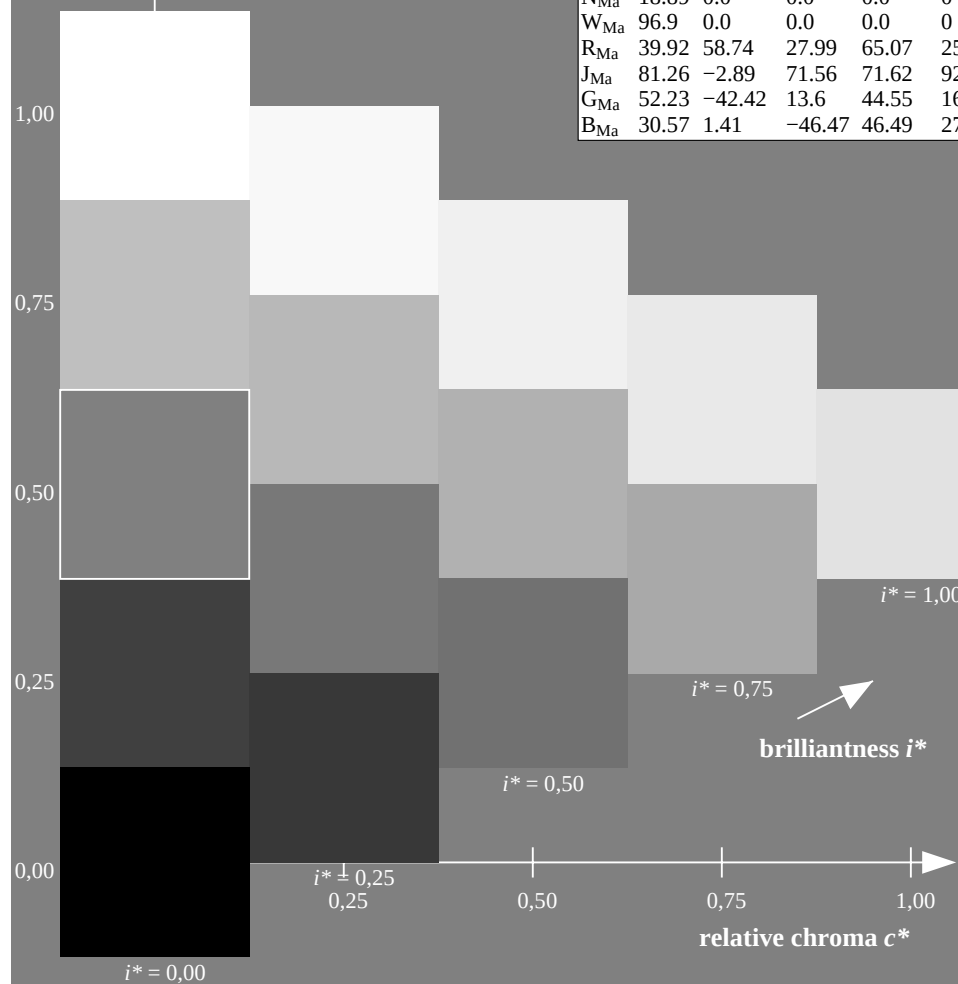
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k		
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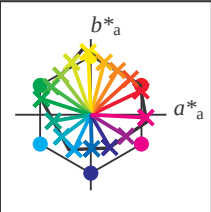
Black separation empty

Black separation empty

Black separation empty

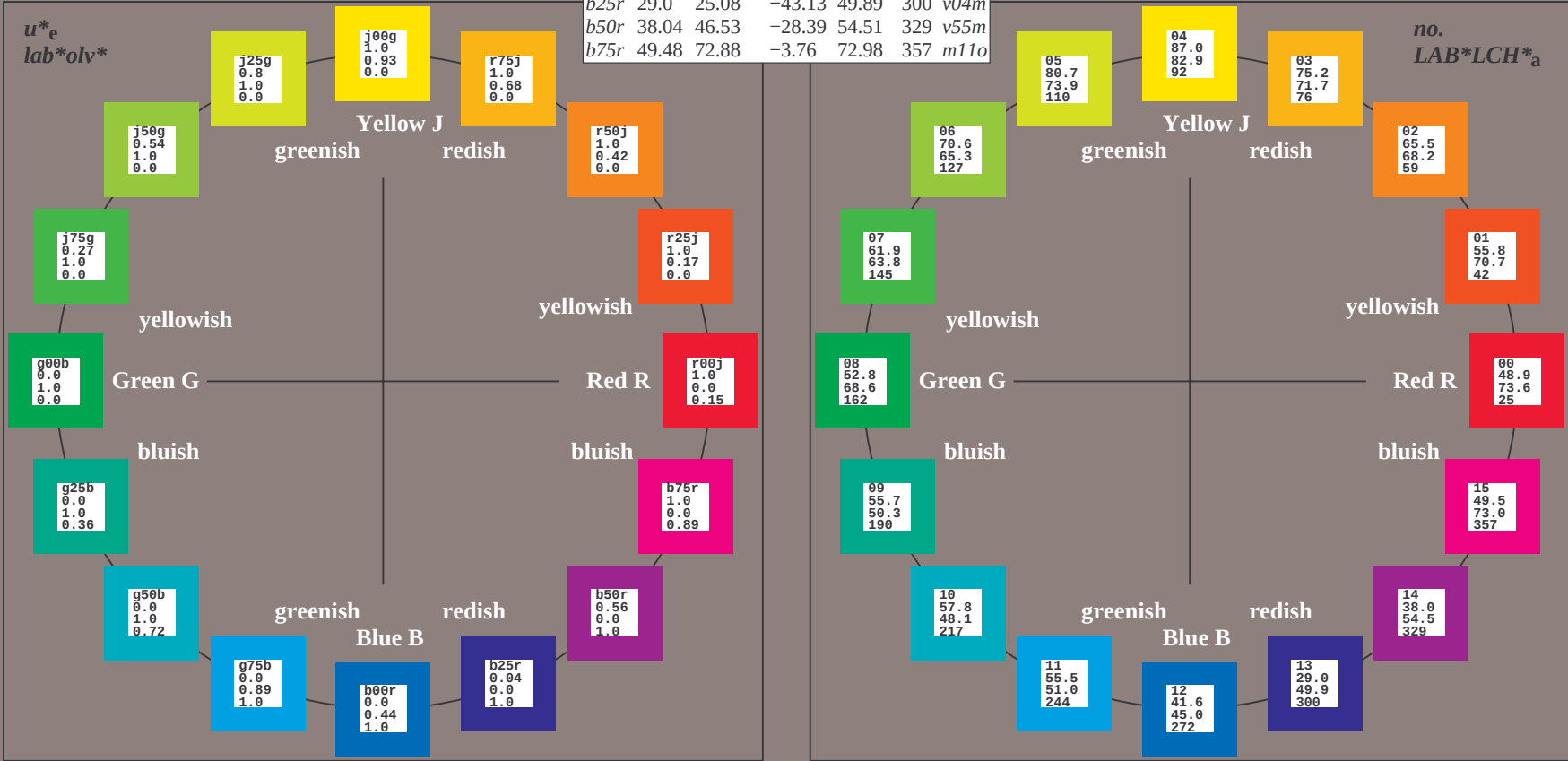
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u^*_e and number *no.* = 00 .. 15
elementary hue text:
 u^*_e = 16 hues *r00j*, *r25j*, ..., *b75r*
contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



%Gamut
 $u^*_{rel} = 89$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

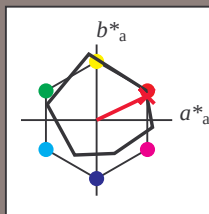
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 66 32

$LAB^*LCH^*_{Ma}$: 49 74 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.15

triangle lightness t^*

% Gamut

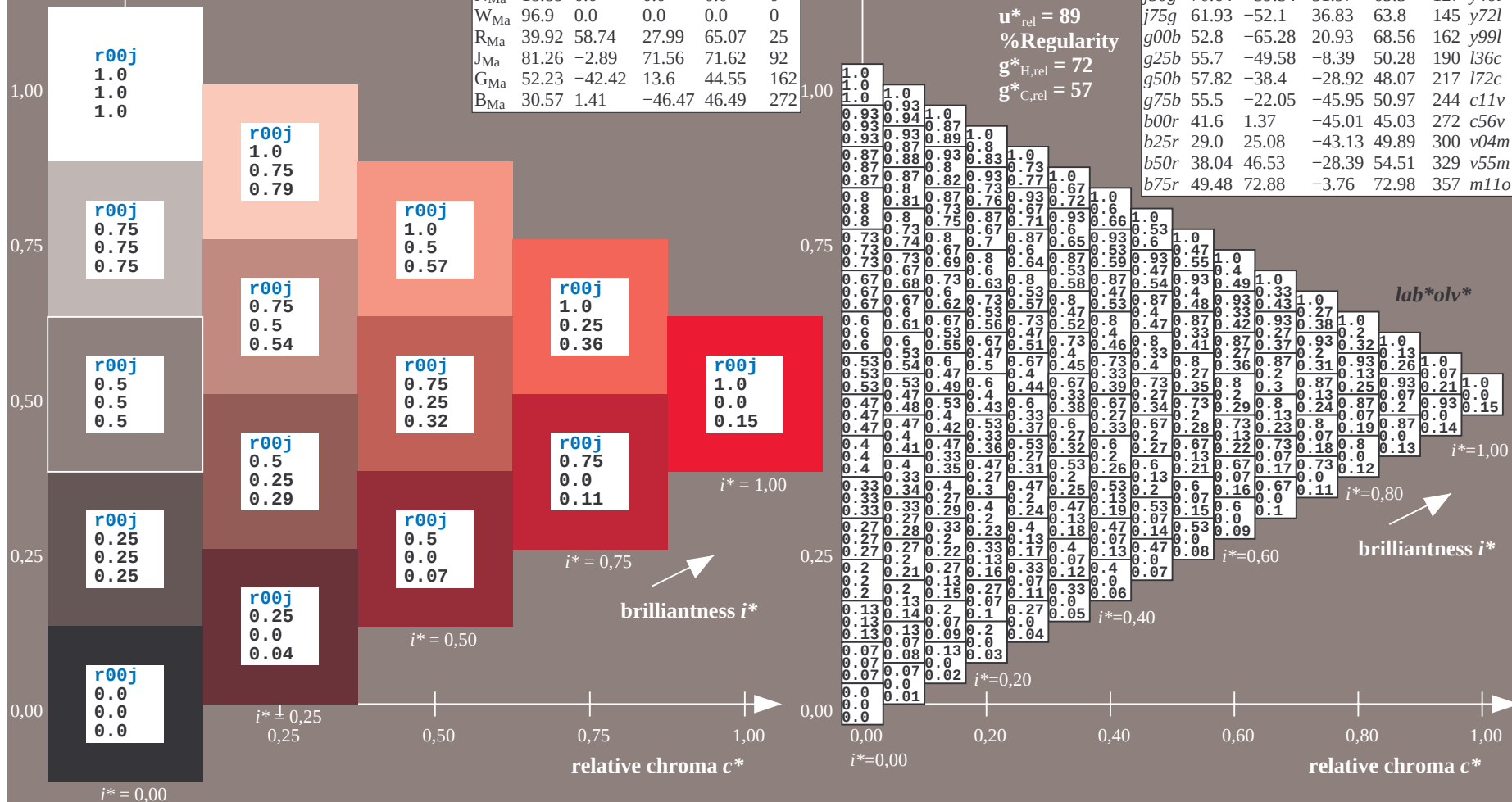
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.117$

data for any colour:

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

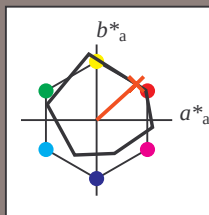
Hue texts:

$u^*_e = r25j$ $u^*_d = o17y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 56 52 47

$\text{LAB}^*\text{LCH}^*_{Ma}$: 56 71 42

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

$\text{lab}^*\text{olv}^*_{Ma}$: 1.0 0.17 0.0

triangle lightness t^*

% Gamut

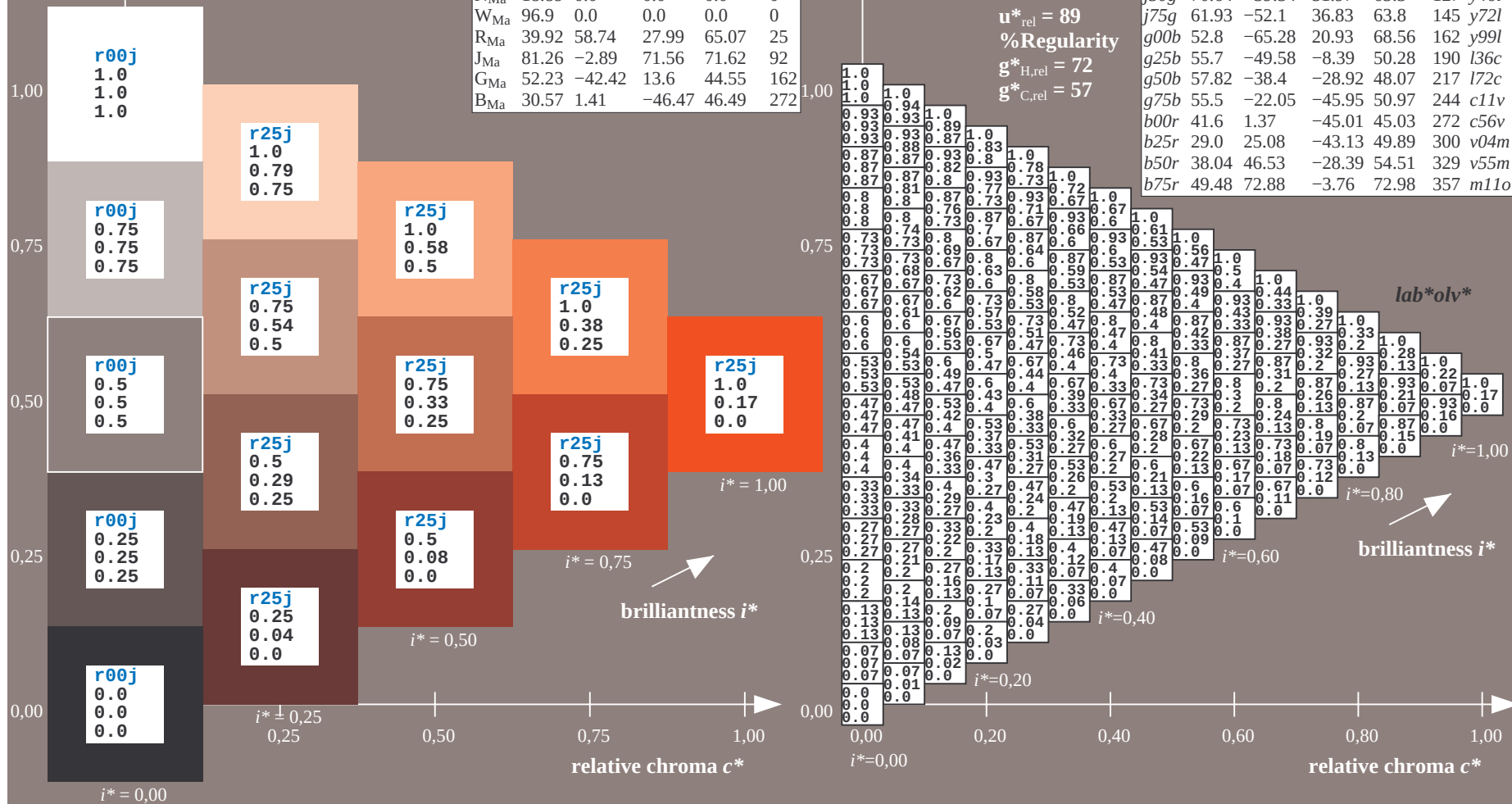
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



u^{}_e = r50j*
*lab*olv**

$$u^*_e = r50j \quad u^*_d = o42y$$
$$c_R = 1.0$$
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

*LAB*LAB**_{Ma}: 65 35 58

LAB*LCH*Ma: 65 68 58

*lab*rgb*_Ma: 1.0 0.5 0.0*

lab*olv*_Ma: 1.0 0.42 0.0

triangle lightness t^*

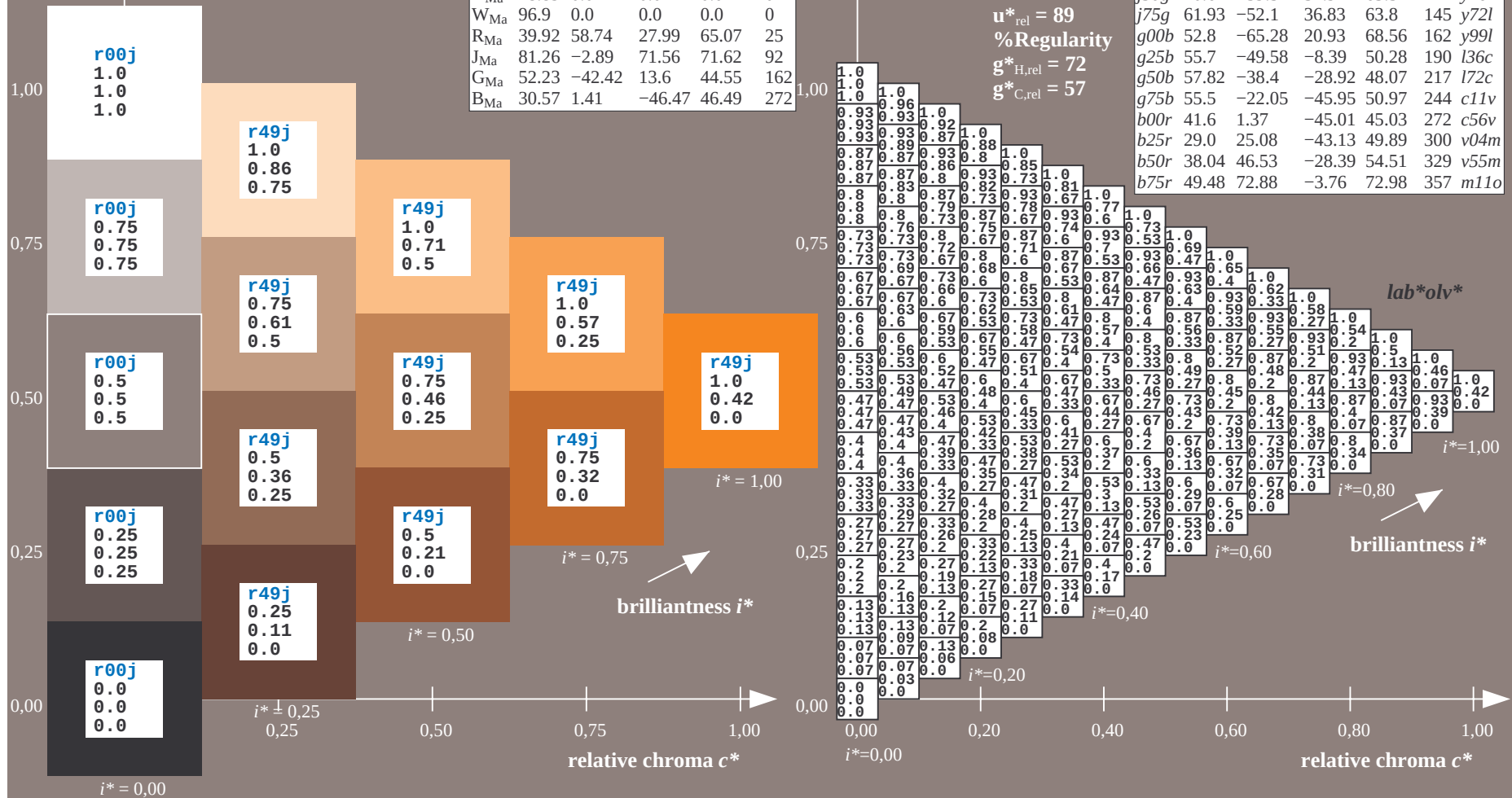
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularity

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>i36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>i72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

data for any colour:

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

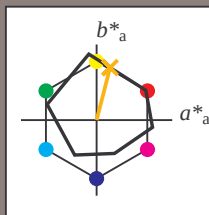
Hue texts:

$u^*_e = r75j$ $u^*_d = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

$LAB^*LCH^*_{Ma}$: 75 72 75

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

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

triangle lightness t^*

% Gamut

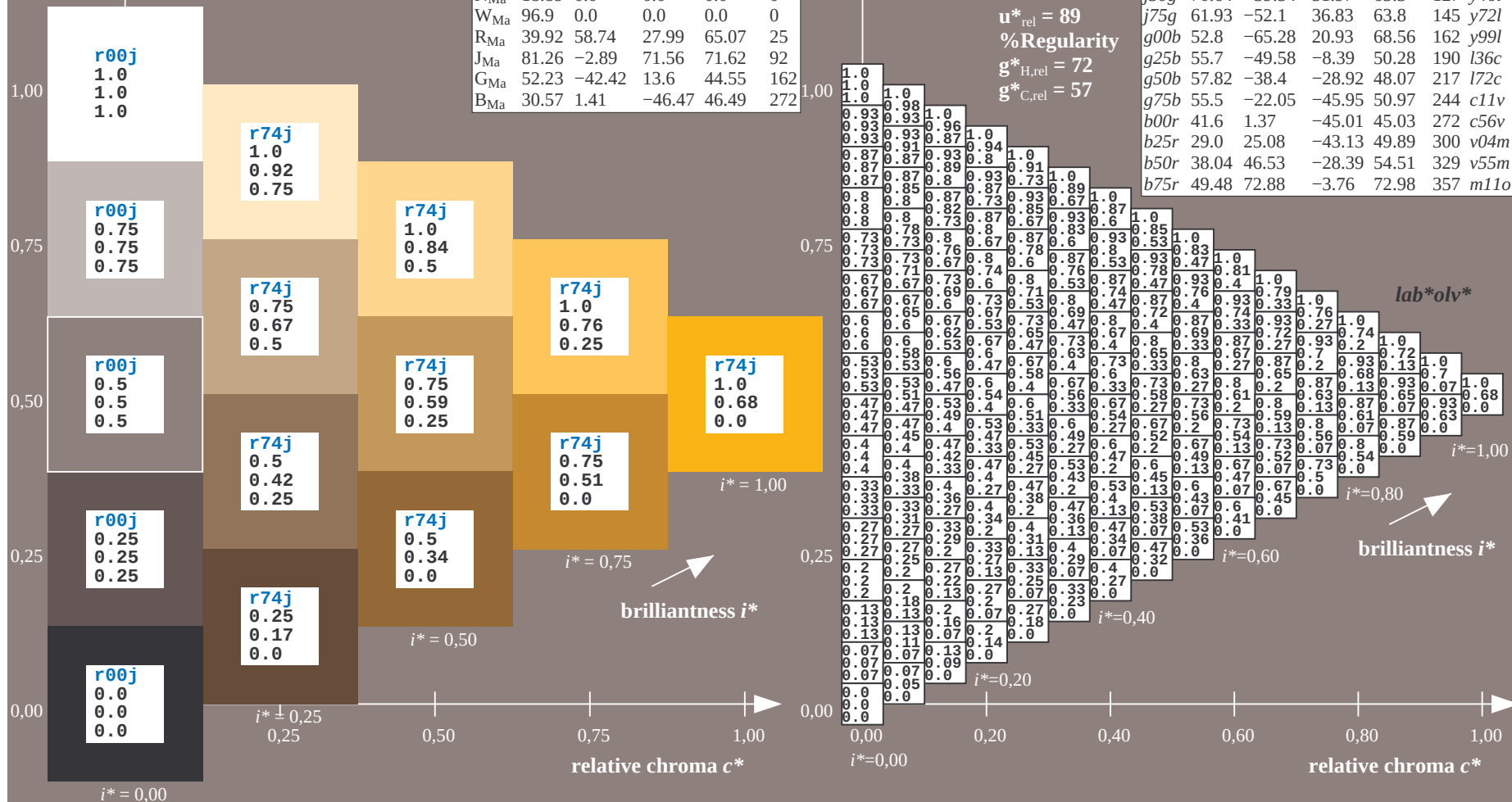
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

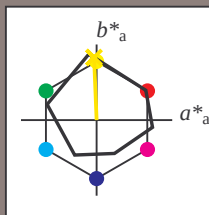
Hue texts:

$u^*_e = j00g$ $u^*_d = o92y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -3 83

$LAB^*LCH^*_{Ma}$: 87 83 92

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

$lab^*olv^*_{Ma}$: 1.0 0.93 0.0

triangle lightness t^*

% Gamut

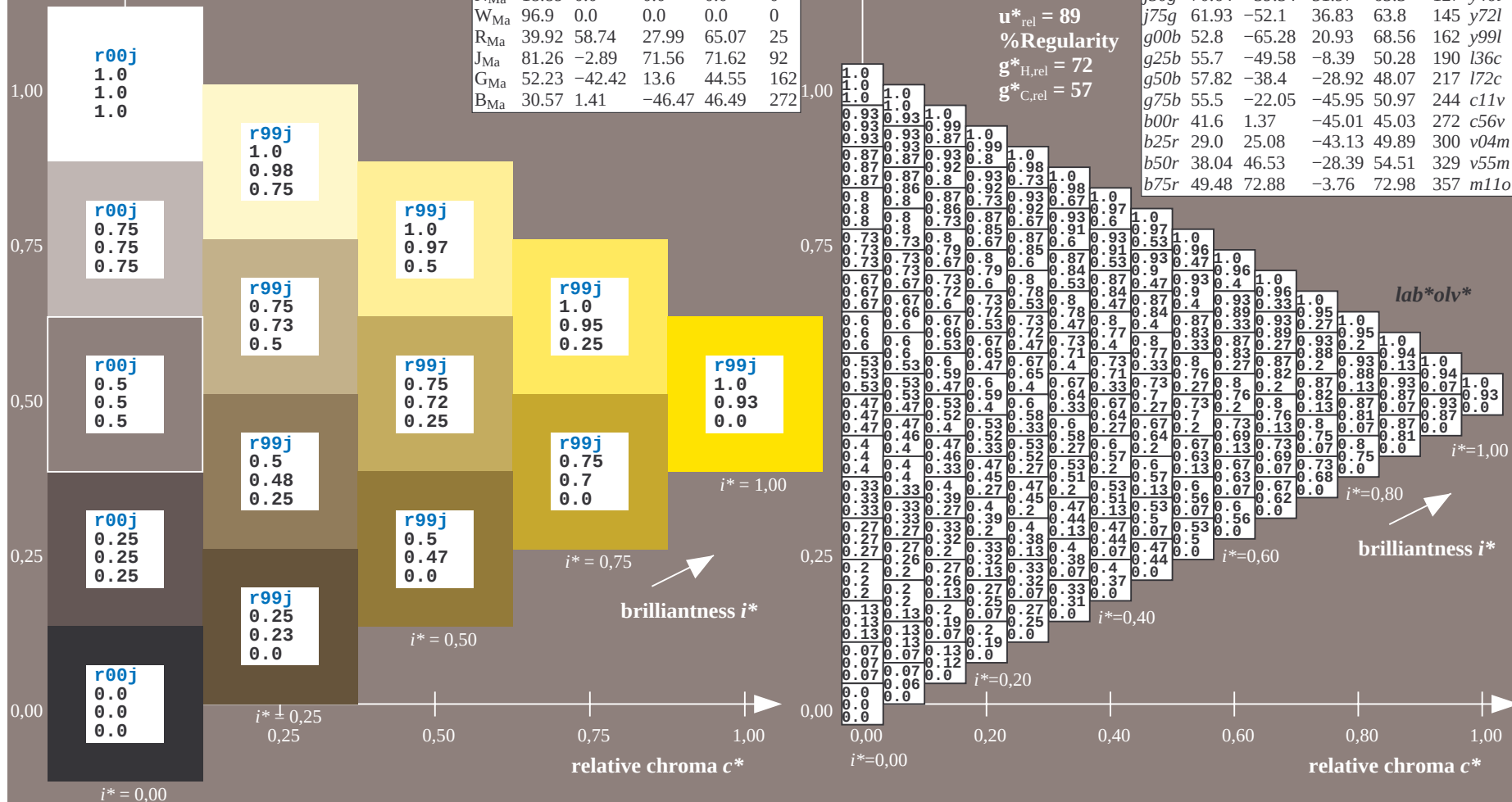
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

data for any colour:

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

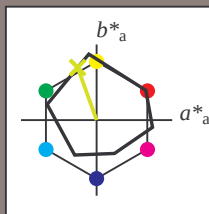
Hue texts:

$u_e^* = j25g$ $u_d^* = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

% Gamut

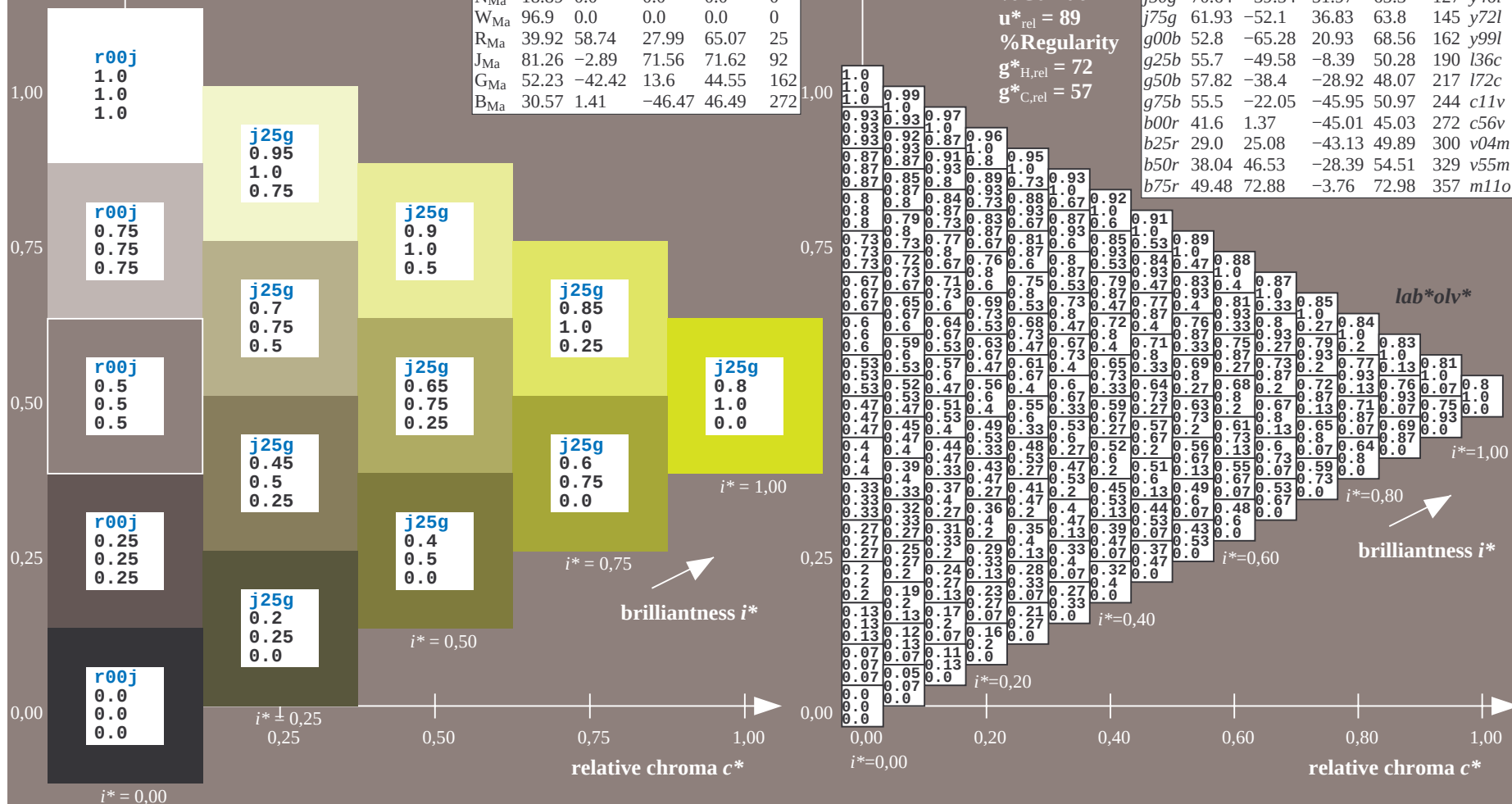
$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

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

ORS19_96a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.354$

data for any colour:

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

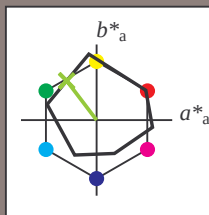
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 71 -40 52$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 71 65 127$

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}: 0.54 1.0 0.0$

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

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 ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

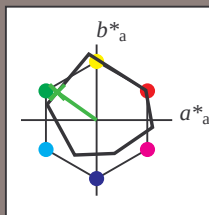
Hue texts:

$u^*_e = j75g$ $u^*_d = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 62 -52 37$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 62 64 144$

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}: 0.27 1.0 0.0$

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

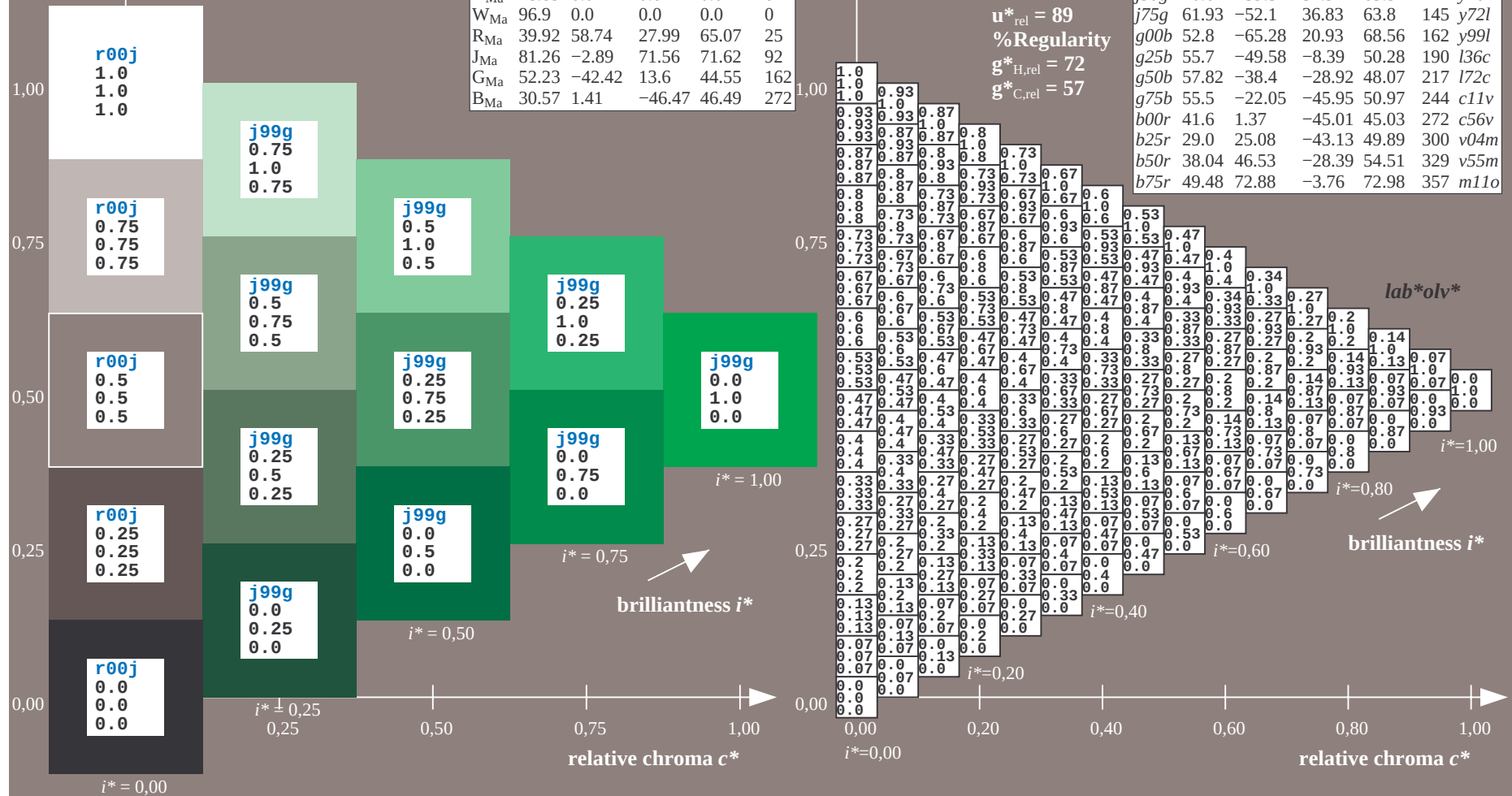
$u_e^* = g00b$
 lab^*olv^*

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>i36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>i72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

data for any colour:

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

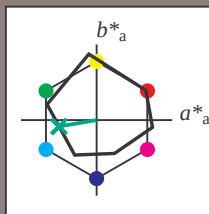
Hue texts:

$u^*_e = g25b$ $u^*_d = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -50 -8

$LAB^*LCH^*_{Ma}$: 56 50 189

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

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

triangle lightness t^*

% Gamut

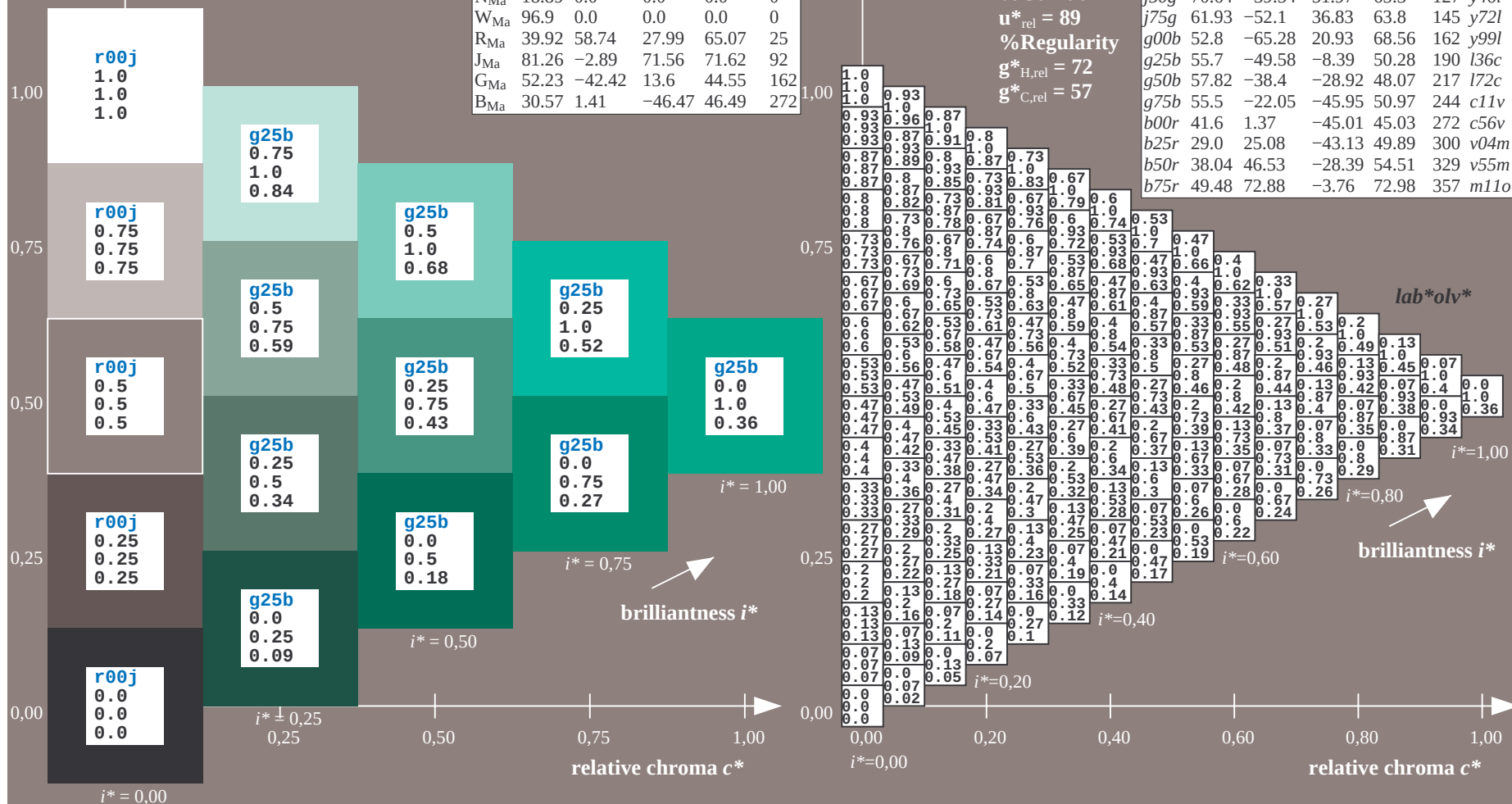
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

data for any colour:

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

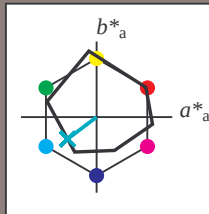
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -38 -29

$LAB^*LCH^*_{Ma}$: 58 48 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

$u^*_e = g75b$
 lab^*olv^*

triangle lightness t^*

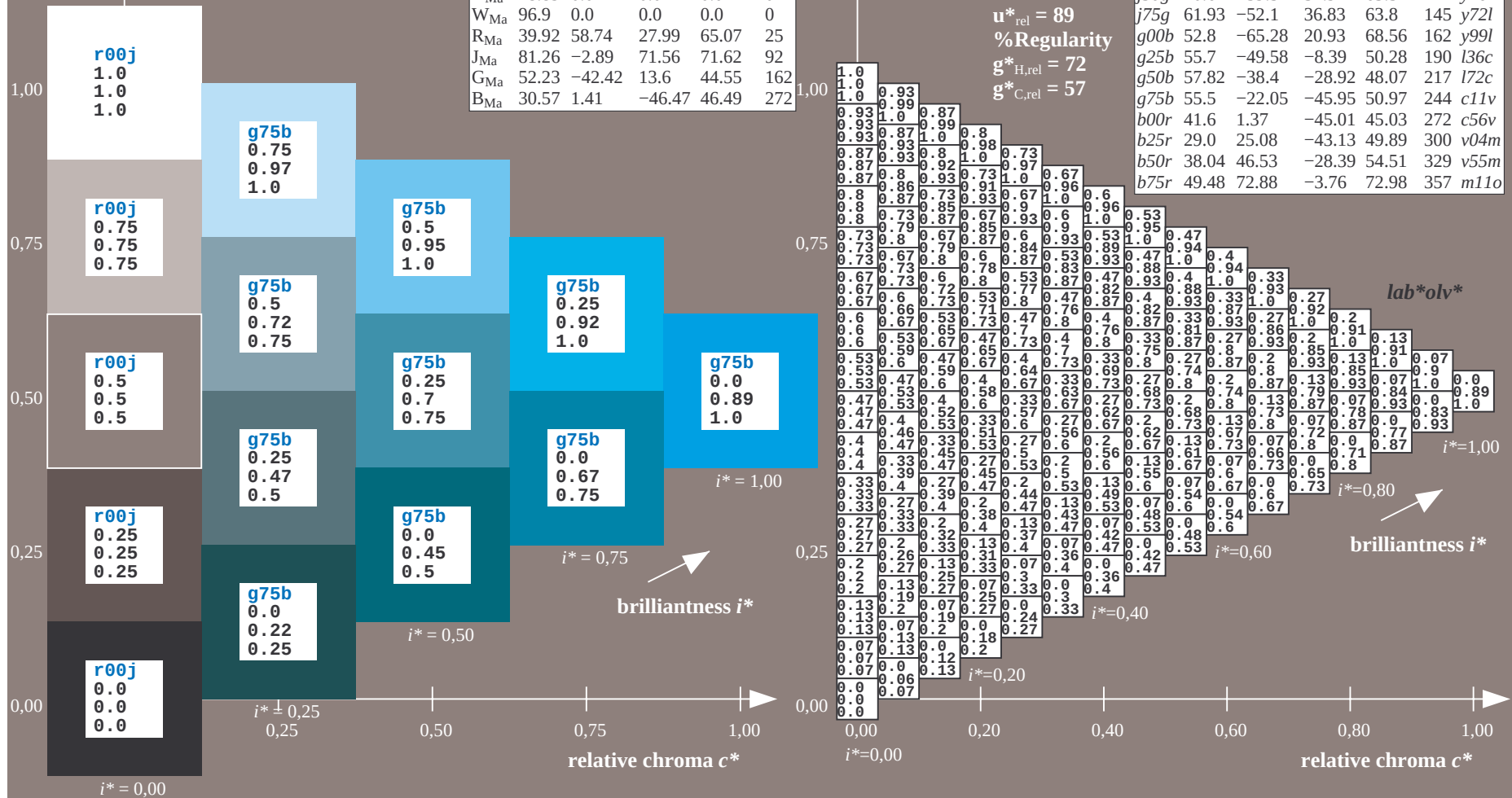
ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

triangle lightness t^*

triangle lightness t^*

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

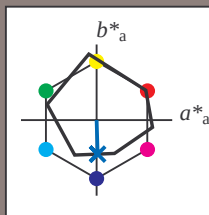
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

$LAB^*LCH^*_{Ma}$: 42 45 271

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

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

% Gamut

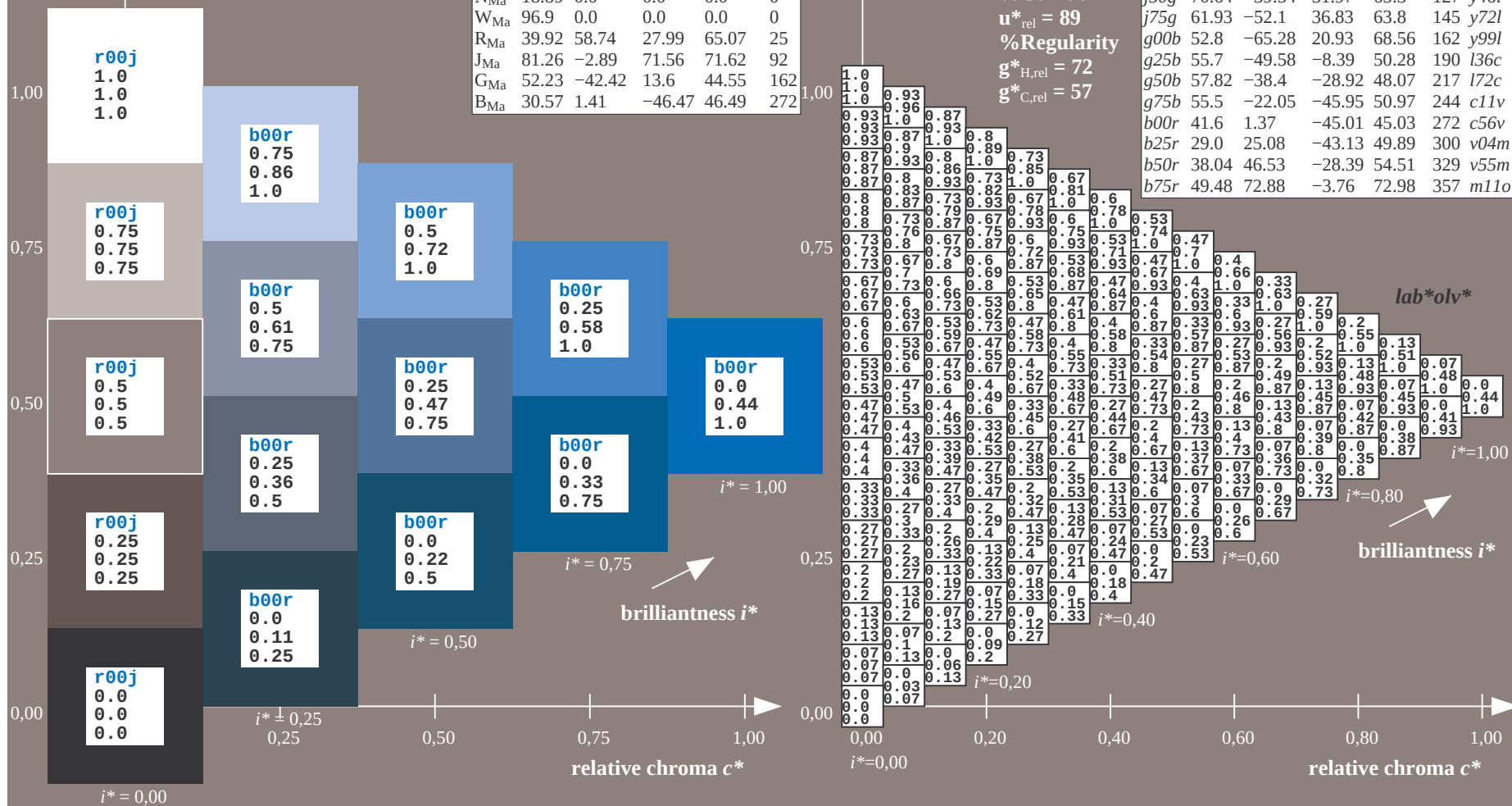
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

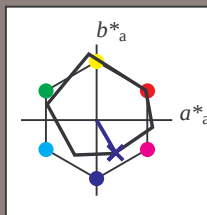
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 25 -43

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.04 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

relative chroma c^*

1,00

0,75

0,50

0,25

0,00

r00j
1.0
1.0
1.0

b25r
0.76
0.75
1.0

b25r
0.52
0.5
1.0

b25r
0.28
0.25
1.0

b25r
0.04
0.0
1.0

b25r
0.26
0.25
0.5

b25r
0.02
0.0
0.5

b25r
0.01
0.0
0.25

r00j
0.25
0.25
0.25

r00j
0.0
0.0
0.0

b25r
0.01
0.0
0.25

b25r
0.02
0.0
0.5

b25r
0.03
0.0
0.75

b25r
0.04
0.0
1.0

r00j
0.0
0.0
0.0

b25r
0.01
0.0
0.25

b25r
0.02
0.0
0.5

b25r
0.03
0.0
0.75

b25r
0.04
0.0
1.0

r00j
0.0
0.0
0.0

b25r
0.01
0.0
0.25

b25r
0.02
0.0
0.5

b25r
0.03
0.0
0.75

b25r
0.04
0.0
1.0

r00j
0.0
0.0
0.0

b25r
0.01
0.0
0.25

b25r
0.02
0.0
0.5

b25r
0.03
0.0
0.75

b25r
0.04
0.0
1.0

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

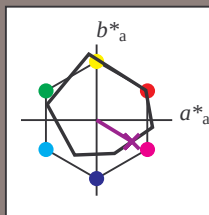
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

$LAB^*LCH^*_{Ma}$: 38 55 328

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

data for any colour:

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

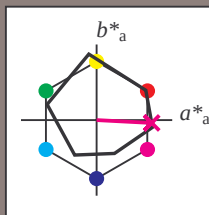
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 73 -4

$LAB^*LCH^*_{Ma}$: 49 73 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.89

triangle lightness t^*

% Gamut

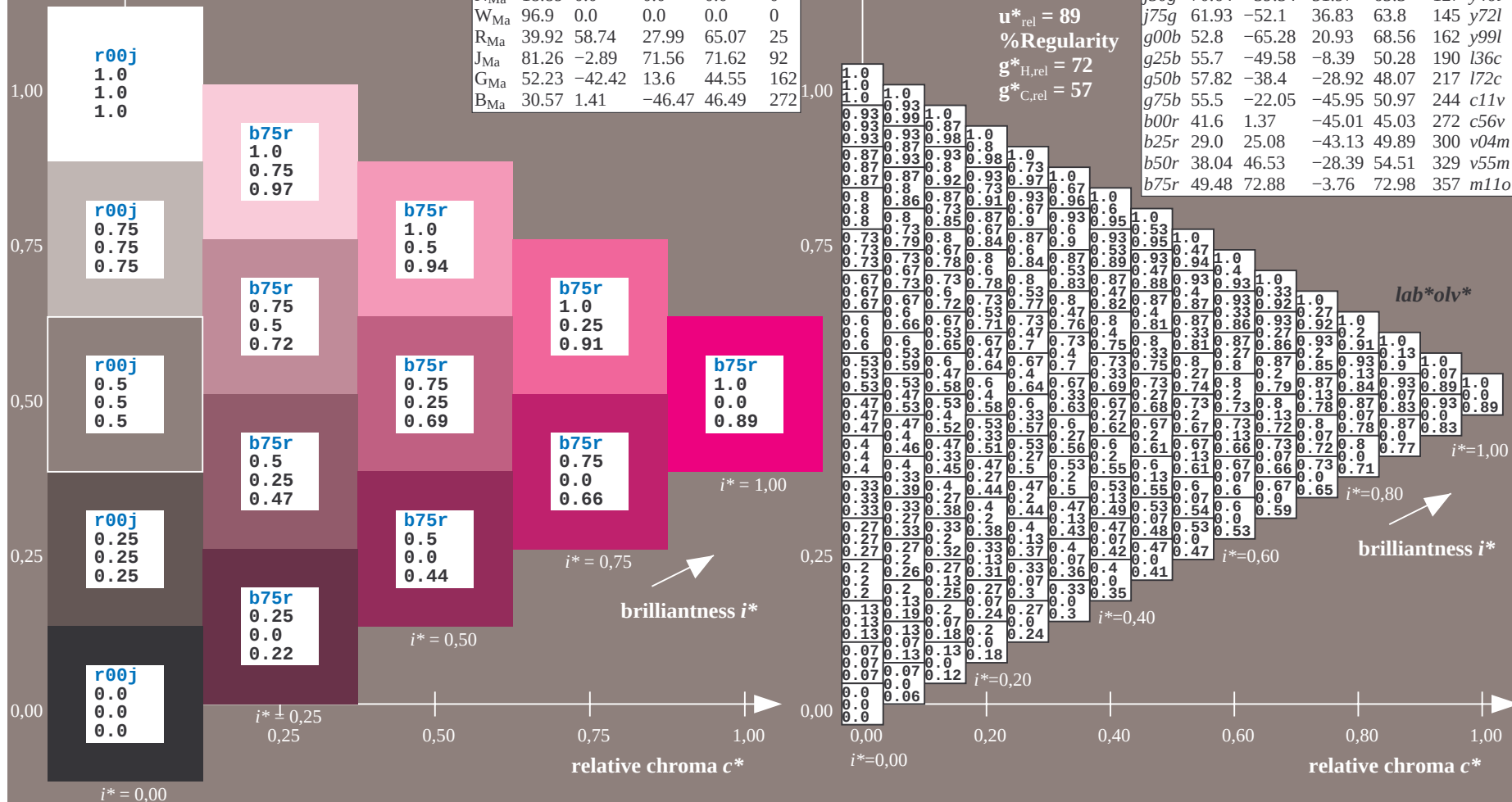
$u^*_{rel} = 89$

% Regularity

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

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

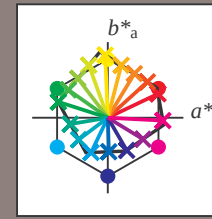
ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



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Input and output:
 Colorimetric Printer Reflective System ORS19_96a
 data for any colour:
 u^*_e and number *no.* = 00 .. 15
 elementary hue text:
 $u^*_e = 16$ hues *r00j*, *r25j*, ..., *b75r*
 contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



%Gamut

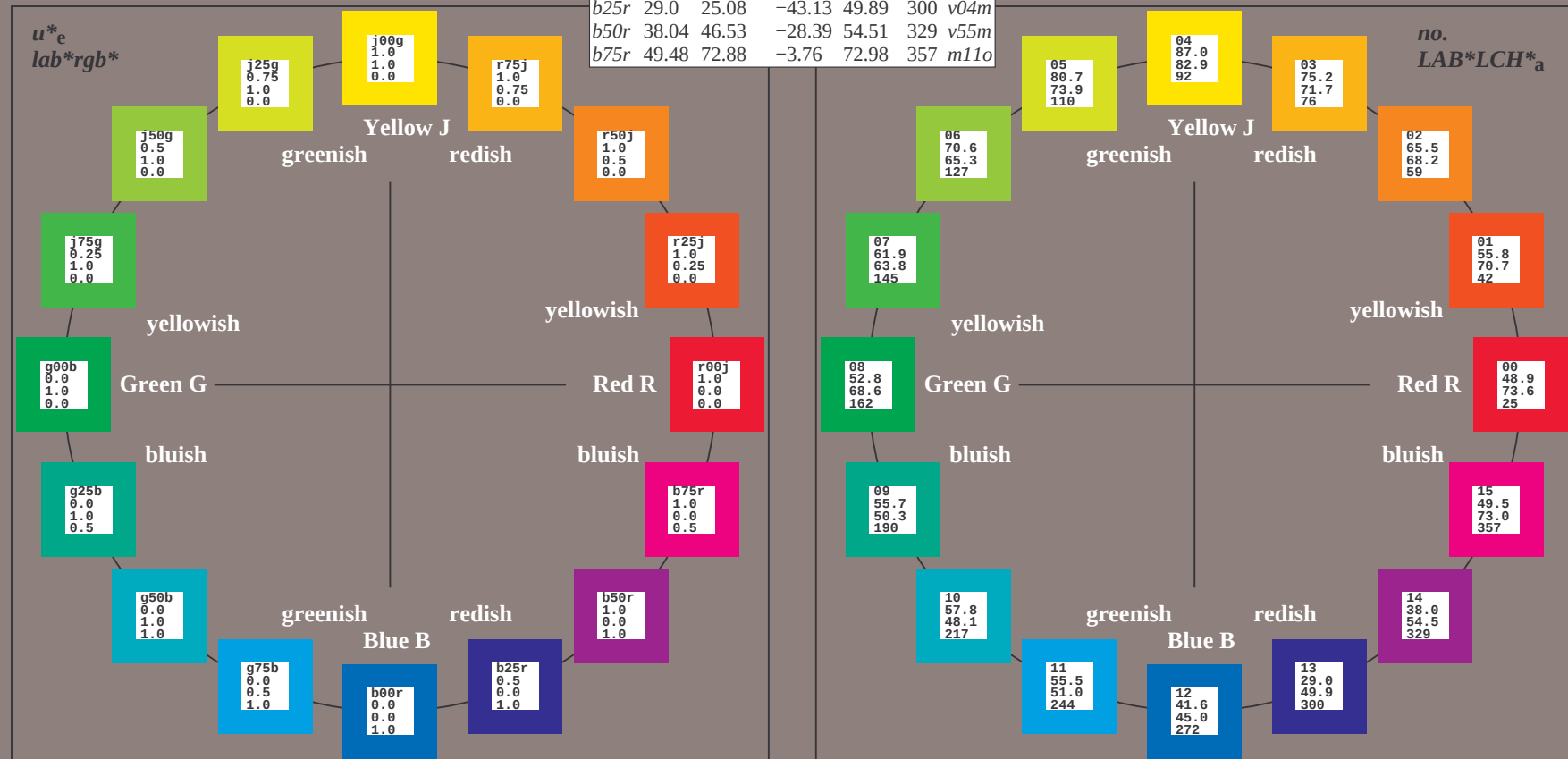
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

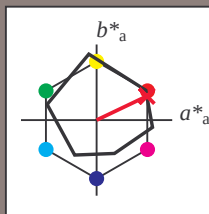
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 66 32

$LAB^*LCH^*_{Ma}$: 49 74 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.15

triangle lightness t^*

% Gamut

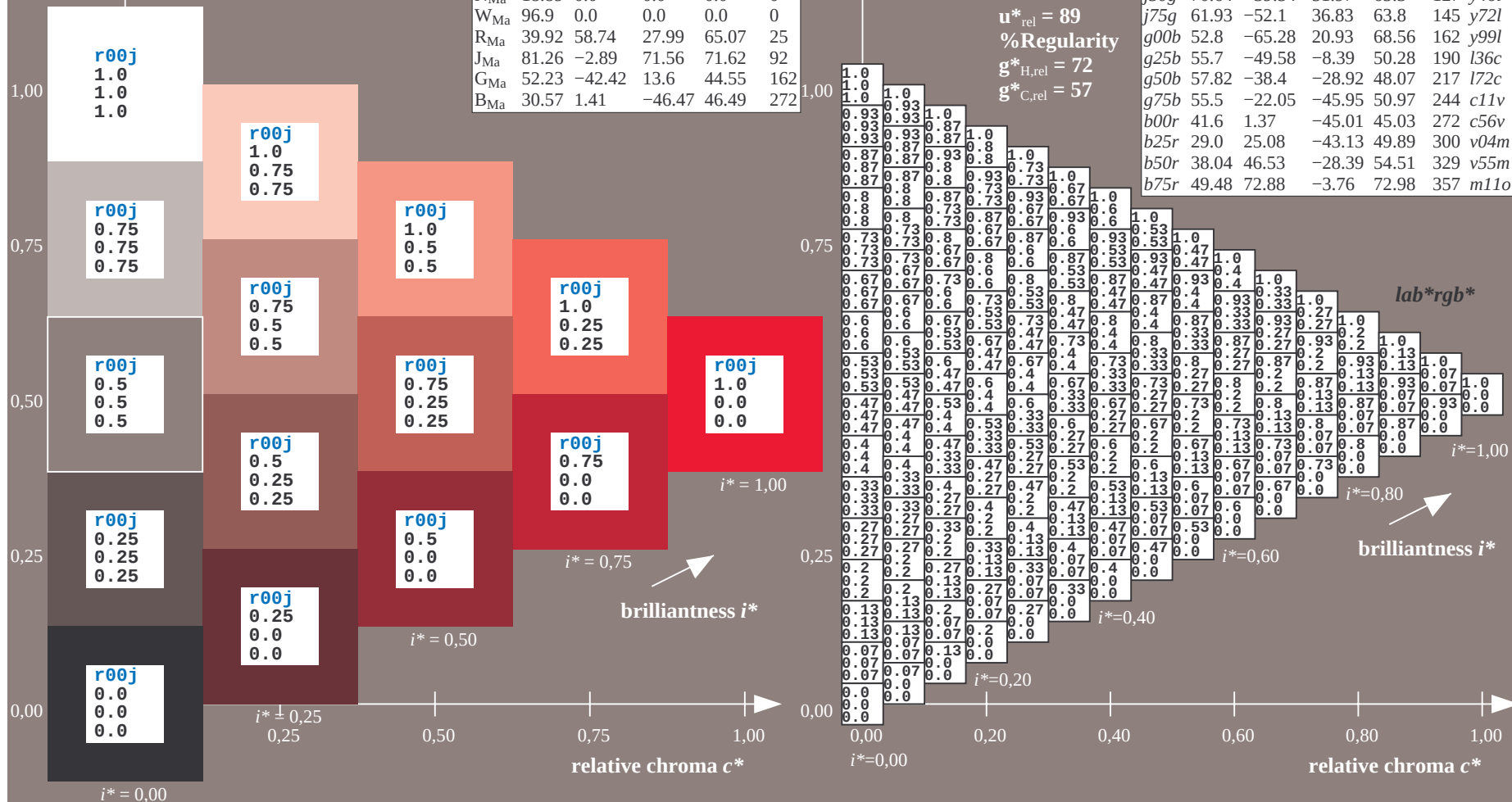
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$

data for any colour:

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

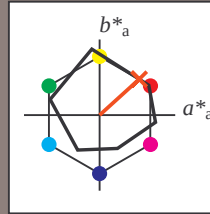
Hue texts:

$u^*_e = r25j$ $u^*_d = o17y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 52 47

$LAB^*LCH^*_{Ma}$: 56 71 42

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

lab^*rgb^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

u^{}_e = r50j
lab*rgb**

$$u^*_e = r50j \quad u^*_d = o42y$$
$$c_R = 1.0$$

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

*LAB*LAB**_{Ma}: 65 35 58

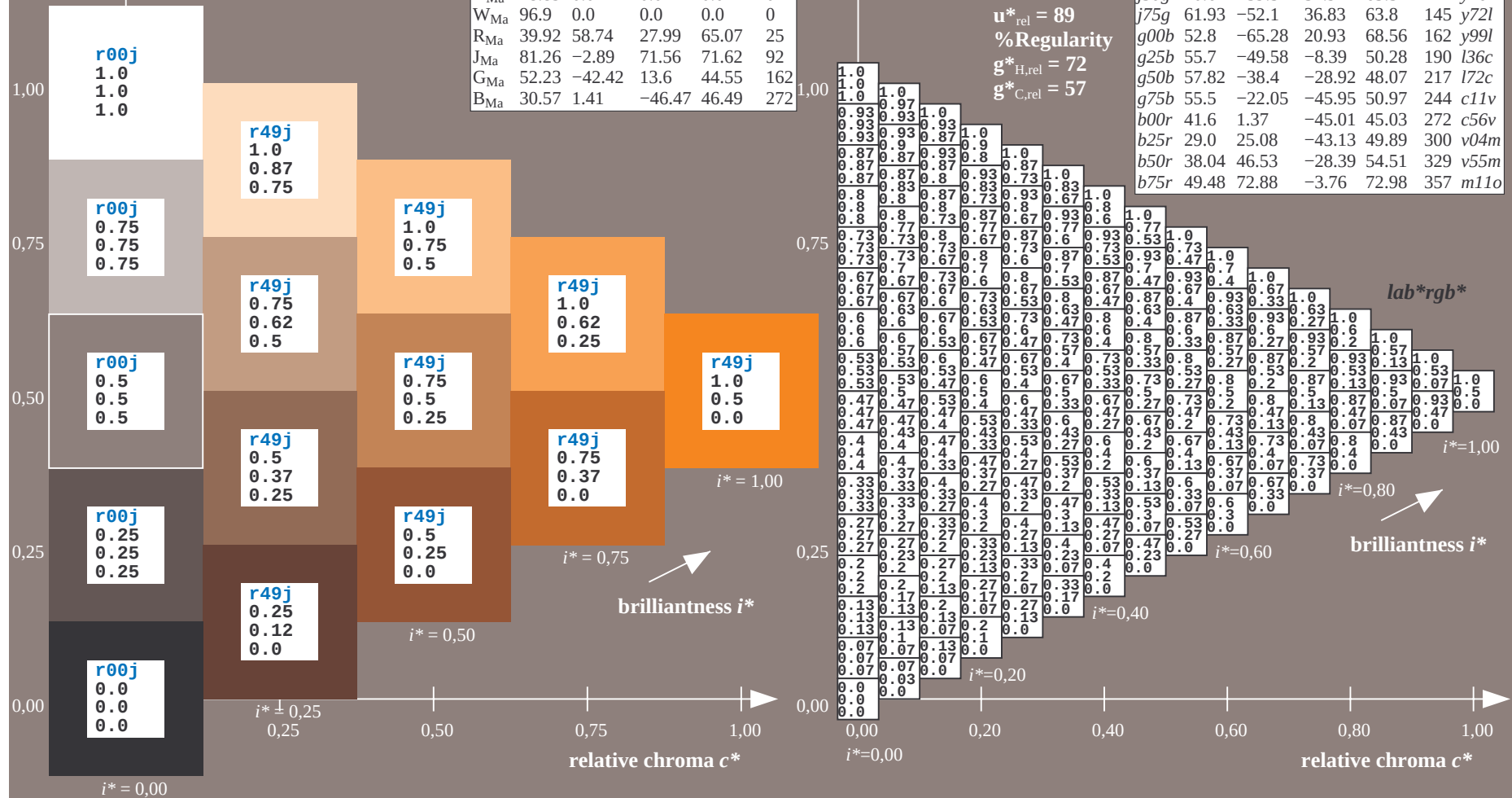
*LAB*LCH**_{Ma}: 65 68 58

*lab*rgb*_Ma: 1.0 0.5 0.0*

lab*olv*Ma: 1.0 0.42 0.0

triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

data for any colour:

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

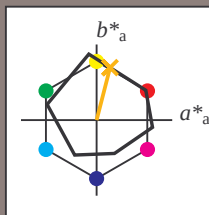
Hue texts:

$u^*_e = r75j$ $u^*_d = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

$LAB^*LCH^*_{Ma}$: 75 72 75

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

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

triangle lightness t^*

% Gamut

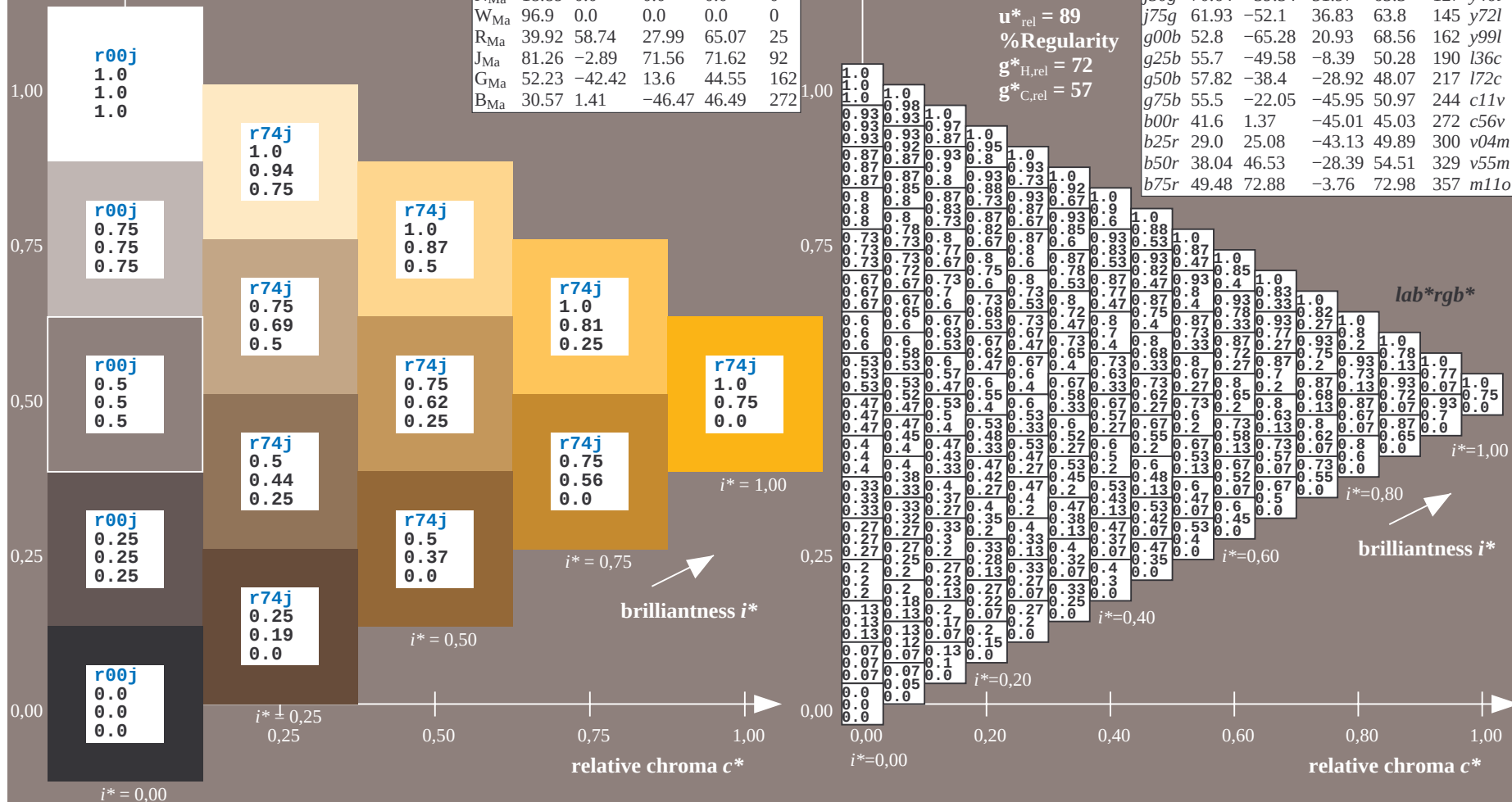
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

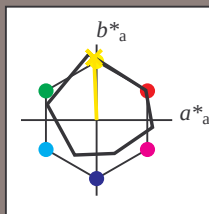
Hue texts:

$u^*_e = j00g$ $u^*_d = o92y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -3 83

$LAB^*LCH^*_{Ma}$: 87 83 92

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

$lab^*olv^*_{Ma}$: 1.0 0.93 0.0

triangle lightness t^*

% Gamut

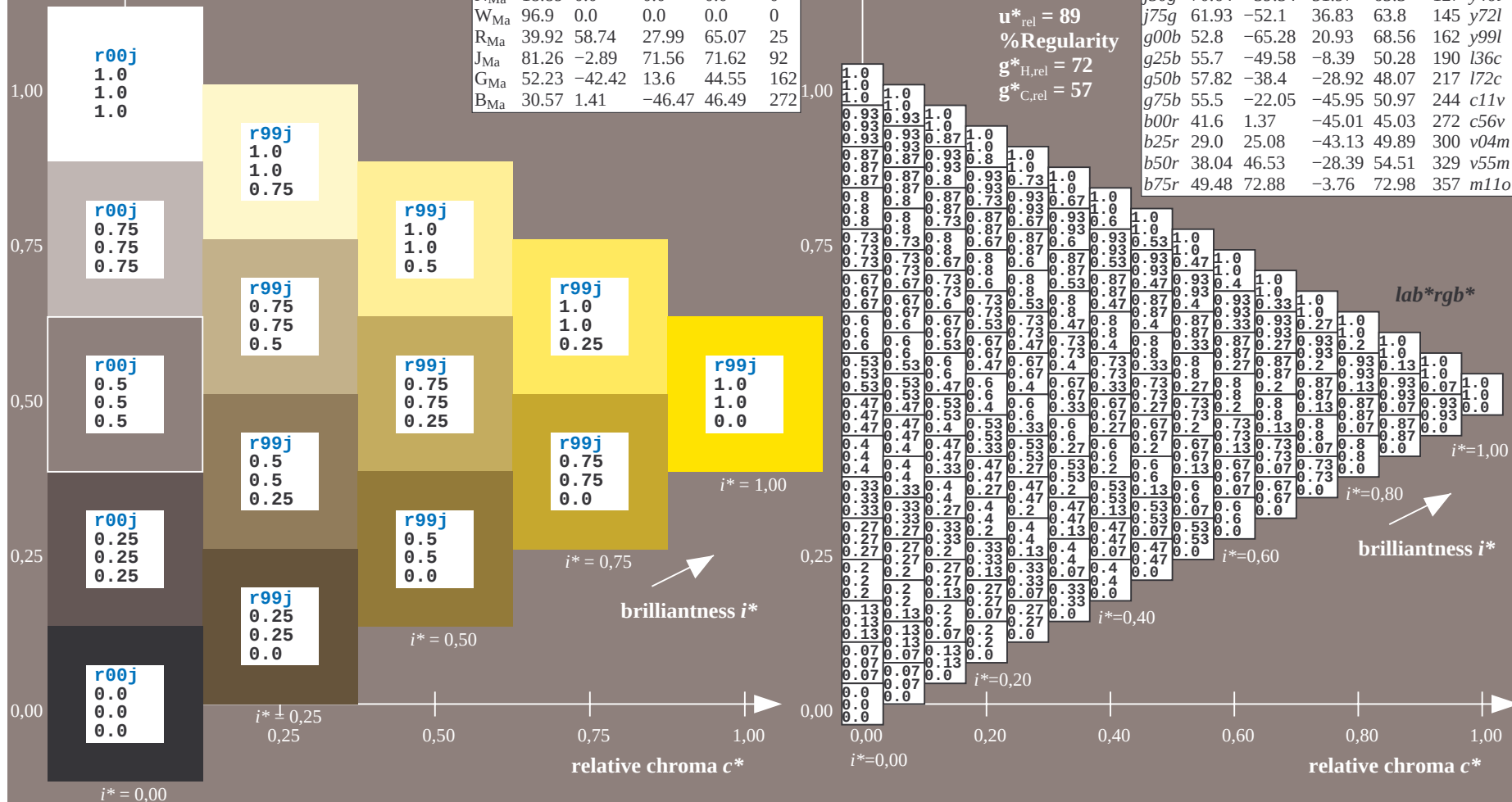
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$
data for any colour:

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

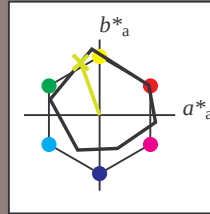
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

lab^*rgb^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

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

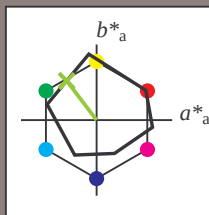
Hue texts:

$u_e^* = j50g$ $u_d^* = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -40 52

$LAB^*LCH^*_{Ma}$: 71 65 127

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

$lab^*olv^*_{Ma}$: 0.54 1.0 0.0

triangle lightness t^*

% Gamut

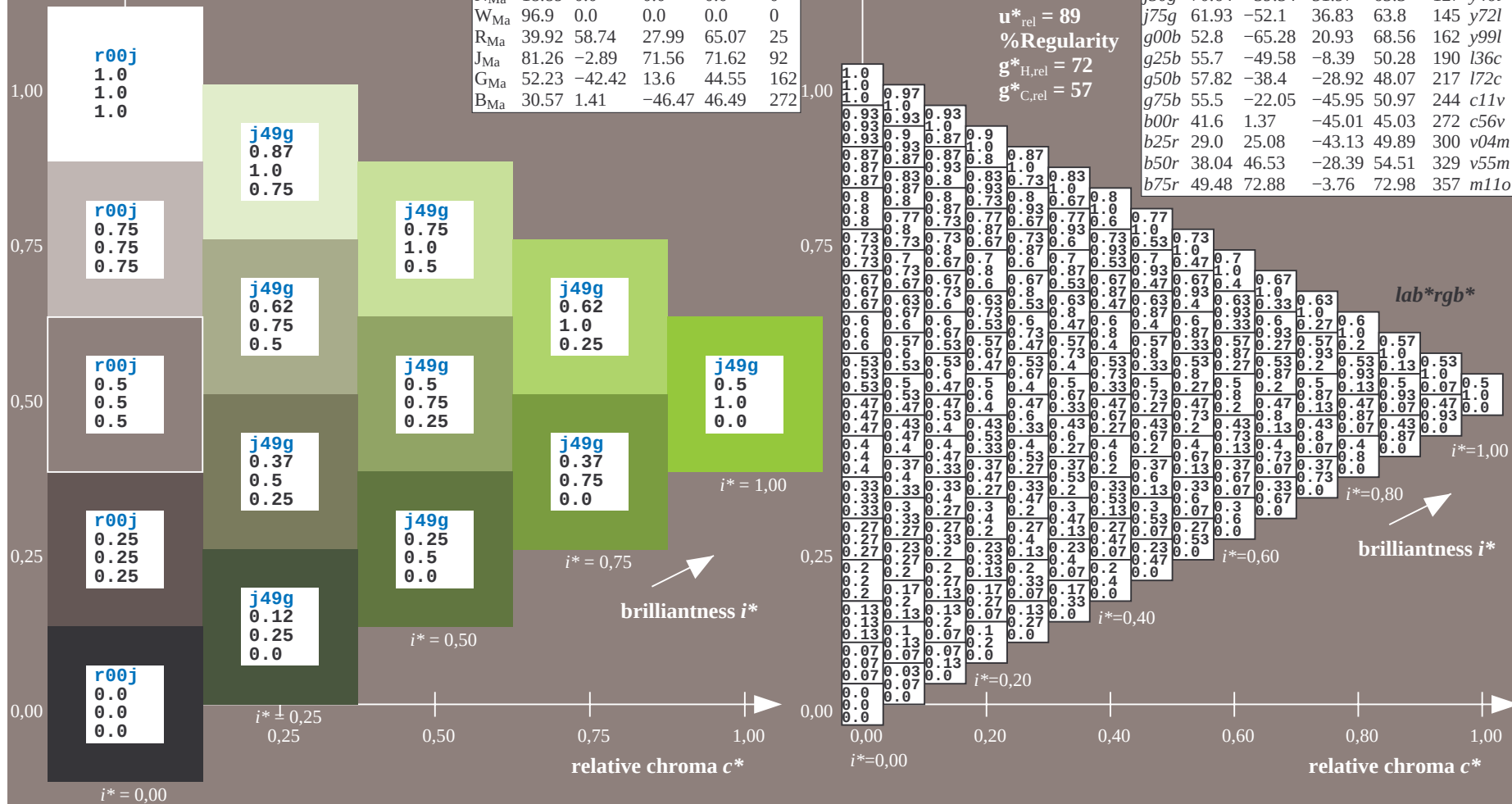
$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

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

ORS19_96a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

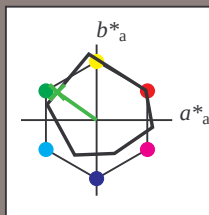
Hue texts:

$u^*_e = j75g$ $u^*_d = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -52 37

$LAB^*LCH^*_{Ma}$: 62 64 144

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

$lab^*olv^*_{Ma}$: 0.27 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$u^*_e = j75g$

lab^*rgb^*

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:

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

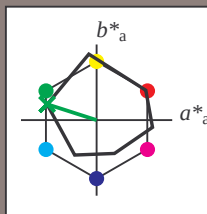
Hue texts:

$u^*_e = g00b$ $u^*_d = y99l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 53 -65 21

$LAB^*LCH^*_{Ma}$: 53 69 162

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

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

triangle lightness t^*

% Gamut

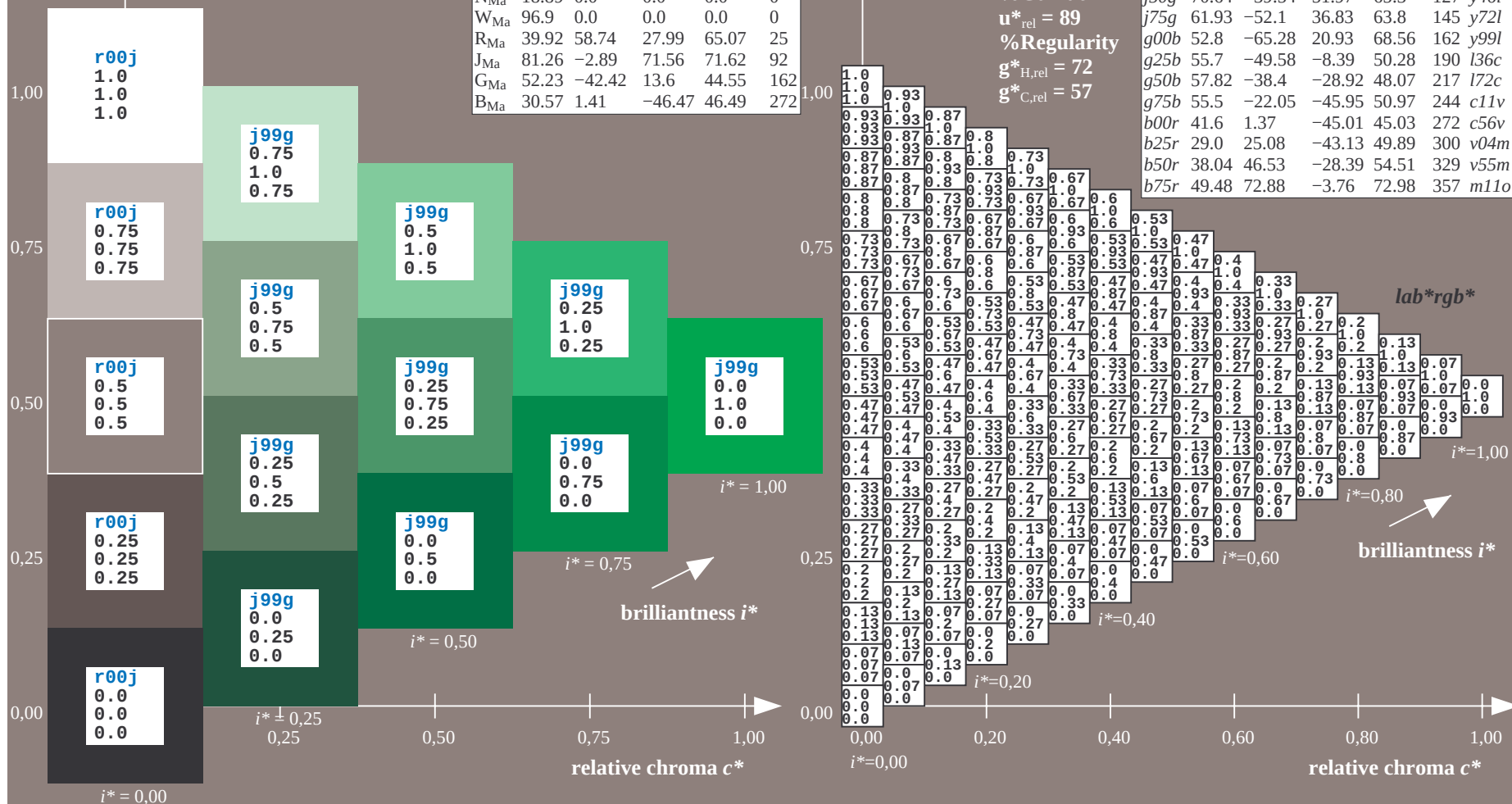
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

data for any colour:

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

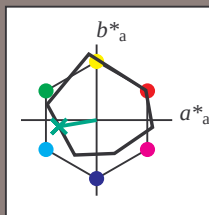
Hue texts:

$u^*_e = g25b$ $u^*_d = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -50 -8

$LAB^*LCH^*_{Ma}$: 56 50 189

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

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

triangle lightness t^*

% Gamut

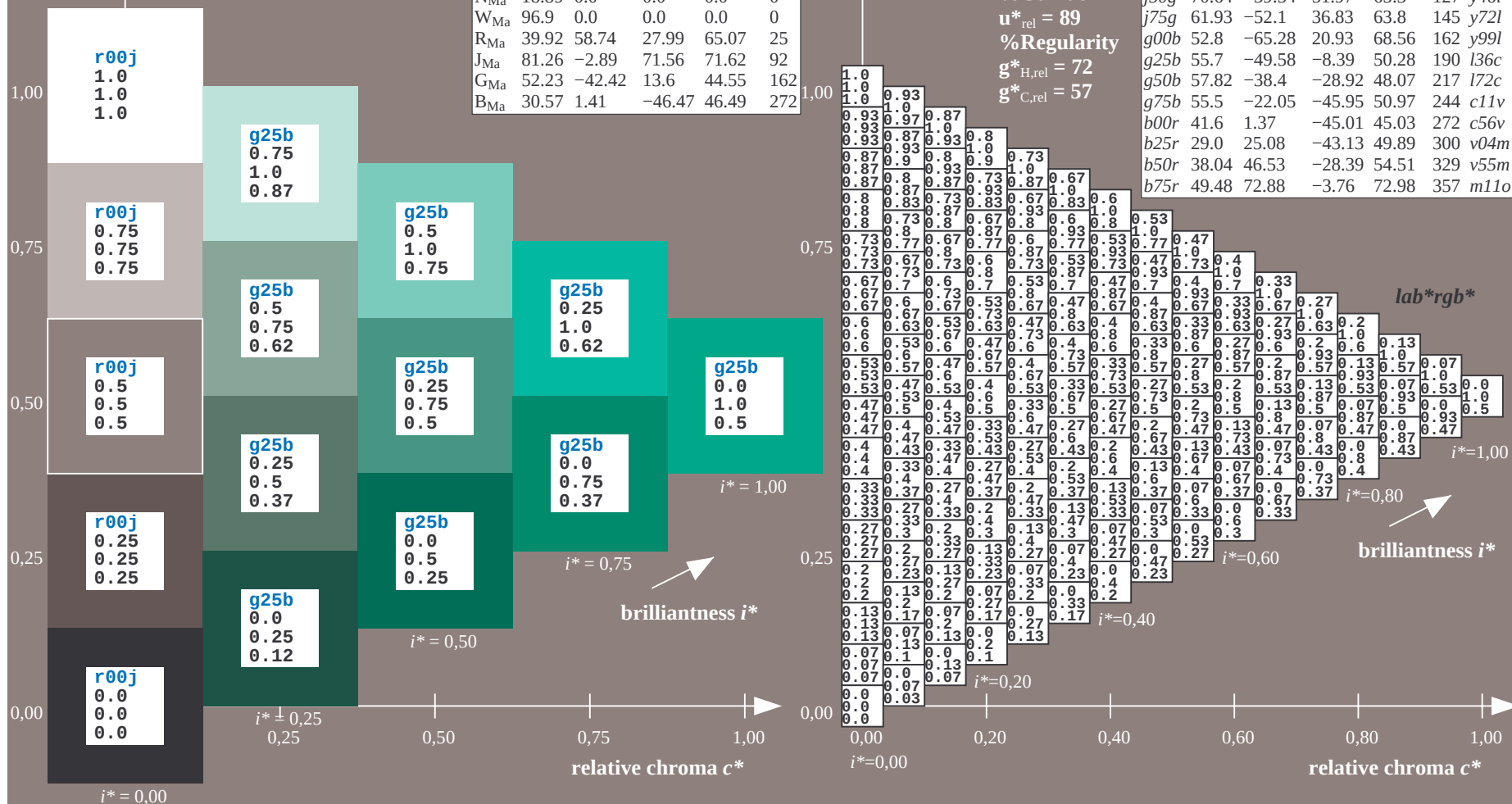
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

data for any colour:

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

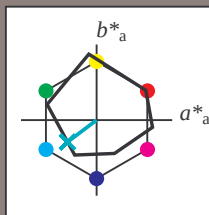
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -38 -29

$LAB^*LCH^*_{Ma}$: 58 48 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

lab^*rgb^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

data for any colour:

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

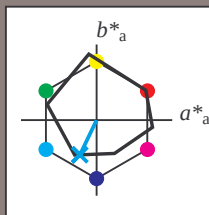
Hue texts:

$u^*_e = g75b$ $u^*_d = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -22 -46

$LAB^*LCH^*_{Ma}$: 55 51 244

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

$lab^*olv^*_{Ma}$: 0.0 0.89 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

lab^*rgb^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

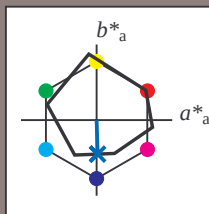
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

$LAB^*LCH^*_{Ma}$: 42 45 271

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

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

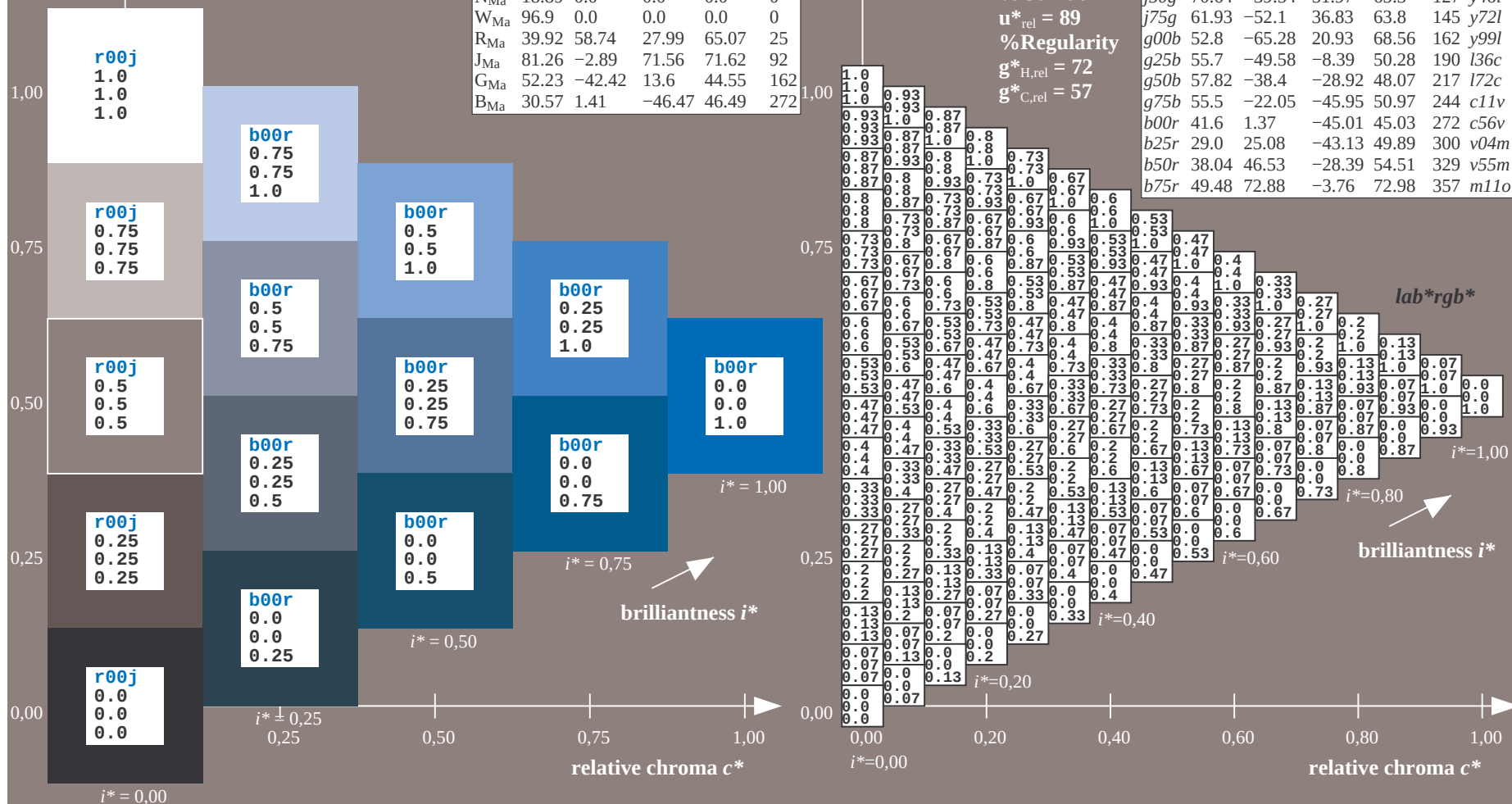
$u^*_e = b00r$

lab^*rgb^*

lab^*rgb^*

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

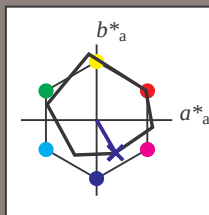
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 25 -43

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.04 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

$u^*_e = b25r$

lab^*rgb^*

lab^*rgb^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

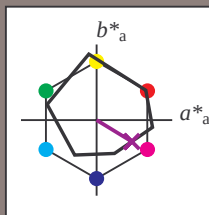
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

$LAB^*LCH^*_{Ma}$: 38 55 328

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.992$

data for any colour:

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

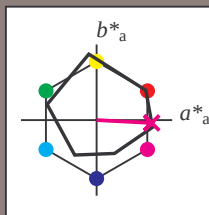
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}: 49 \ 73 \ -4$

$\text{LAB}^*\text{LCH}^*_{Ma}: 49 \ 73 \ 357$

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

$\text{lab}^*\text{olv}^*_{Ma}: 1.0 \ 0.0 \ 0.89$

triangle lightness t^*

% Gamut

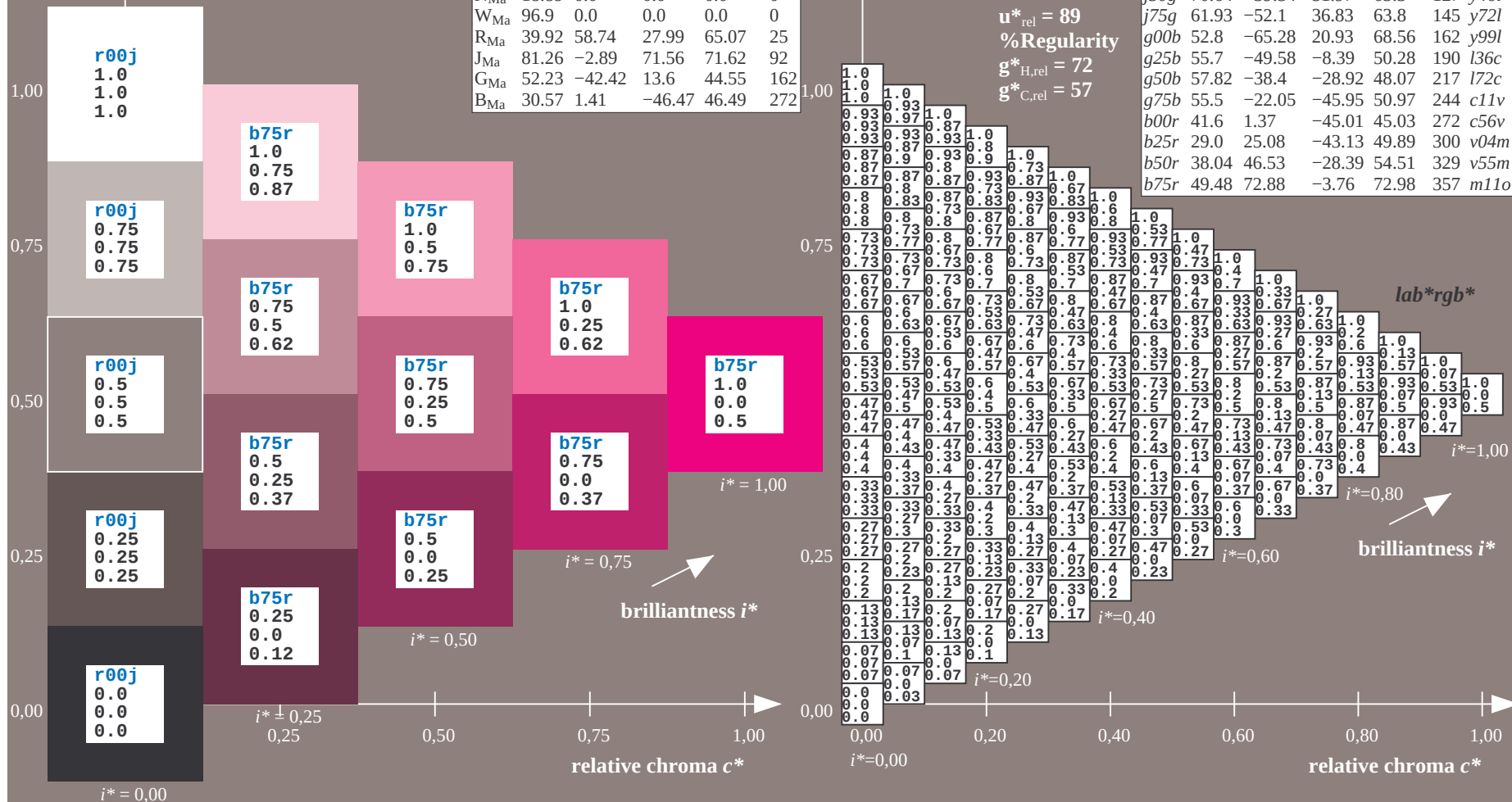
$u^*_{rel} = 89$

% Regularity

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

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

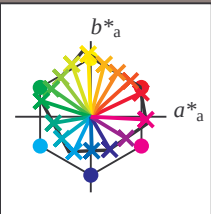
ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



	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	0.0	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	0.11	0.25	0.25	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
02	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.01	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.02	0.14	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.89	0.77	0.66	0.54	0.43	0.31	0.2	0.09	0.0	0.0	0.0	0.0		
03	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13
04	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	0.14	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.95	0.88	0.76	0.65	0.53	0.42	0.3	0.19	0.08	0.13	0.13	0.13	0.13		
05	0.13	0.13	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.07	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.06	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		
06	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.18	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	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	
07	0.0	0.02	0.15	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.2	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.9	0.83	0.75	0.64	0.52	0.41	0.29	0.18	0.06	0.25	0.25	0.25	0.25		
08	0.25	0.25	0.25	0.35	0.35	0.35	0.35	0.35	0.35	0.25	0.25	0.25	0.3	0.3	0.3	0.3	0.3	0.3	0.14	0.2	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		
09	0.17	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.29	0.24	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.38	0.36	0.31	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	0.38	0.38	0.38	0.38		
10	0.0	0.0	0.09	0.23	0.48	0.63	0.75	0.88	1.0	0.0	0.13	0.14	0.28	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.33	0.5	0.63	0.75	0.88	1.0	0.86	0.78	0.7	0.63	0.51	0.4	0.28	0.17	0.05	0.38	0.38	0.38	0.38		
11	0.38	0.38	0.38	0.38	0.5	0.52	0.52	0.52	0.52	0.38	0.38	0.38	0.38	0.47	0.47	0.47	0.47	0.47	0.34	0.38	0.38	0.38	0.42	0.42	0.42	0.42	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38			
12	0.23	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.35	0.3	0.17	0.13	0.13	0.13	0.13	0.13	0.13	0.47	0.42	0.37	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		
13	0.0	0.0	0.03	0.17	0.31	0.56	0.75	0.88	1.0	0.0	0.13	0.13	0.22	0.36	0.61	0.75	0.88	1.0	0.0	0.13	0.25	0.27	0.4	0.63	0.75	0.88	1.0	0.81	0.73	0.65	0.58	0.5	0.39	0.27	0.16	0.04	0.5	0.5	0.5	0.5		
14	0.5	0.5	0.5	0.5	0.5	0.63	0.69	0.69	0.69	0.5	0.5	0.5	0.5	0.5	0.63	0.64	0.64	0.65	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5			
15	0.29	0.16	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.41	0.36	0.22	0.13	0.13	0.13	0.13	0.13	0.13	0.53	0.48	0.42	0.29	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	0.63	0.63	0.63	0.63		
16	0.0	0.0	0.0	0.11	0.25	0.39	0.64	0.88	1.0	0.0	0.13	0.13	0.16	0.3	0.43	0.68	0.88	1.0	0.0	0.13	0.25	0.25	0.34	0.48	0.73	0.88	1.0	0.76	0.68	0.61	0.53	0.45	0.38	0.26	0.15	0.03	0.63	0.63	0.63	0.63		
17	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
18	0.35	0.22	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.47	0.42	0.28	0.15	0.13	0.13	0.13	0.13	0.13	0.59	0.54	0.48	0.35	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75
19	0.0	0.0	0.0	0.05	0.19	0.33	0.46	0.71	0.96	0.0	0.13	0.13	0.13	0.24	0.37	0.51	0.76	1.0	0.0	0.13	0.25	0.25	0.28	0.42	0.56	0.81	1.0	0.71	0.64	0.56	0.48	0.4	0.33	0.25	0.14	0.02	0.75	0.75	0.75	0.75		
20	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75		
21	0.41	0.27	0.14	0.01	0.0	0.0	0.0	0.0	0.0	0.53	0.47	0.34	0.21	0.13	0.13	0.13	0.13	0.13	0.65	0.59	0.54	0.41	0.28	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		
22	0.0	0.0	0.0	0.0	0.13	0.27	0.4	0.54	0.79	0.0	0.13	0.13	0.13	0.18	0.31	0.45	0.59	0.84	0.0	0.13	0.25	0.25	0.25	0.36	0.5	0.64	0.89	0.67	0.59	0.51	0.43	0.36	0.28	0.2	0.13	0.01	0.88	0.88	0.88	0.88		
23	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88		
24	0.46	0.33	0.2	0.07	0.0	0.0	0.0	0.0	0.0	0.58	0.53	0.4	0.27	0.13	0.13	0.13	0.13	0.13	0.7	0.64	0.57	0.47	0.33	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		
25	0.0	0.0	0.0	0.07	0.21	0.34	0.48	0.62	0.0	0.13	0.13	0.13	0.13	0.13	0.25	0.39	0.53	0.67	0.0	0.13	0.25	0.25	0.25	0.3	0.44	0.58	0.71	0.62	0.54	0.46	0.39	0.31	0.23	0.15	0.08	0.0	1.0	1.0	1.0	1.0		
26	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
27	0.38	0.38	0.38	0.35	0.35	0.35	0.35	0.35	0.35	0.5	0.5	0.5	0.5	0.47	0.47	0.47	0.47	0.47	0.63	0.63	0.63	0.63	0.63	0.59	0.59	0.58	0.58	1.0	0.99	0.98	0.98	0.97	0.96	0.95	0.94	0.94	0.0	0.0	0.0	0.0		
28	0.03	0.15	0.28	0.5	0.63	0.75	0.88	1.0	0.04	0.17	0.29	0.41	0.5	0.63	0.75	0.88	1.0	0.05	0.18	0.3	0.42	0.54	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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		
30	0.38	0.38	0.38	0.36	0.36	0.36	0.36	0.36	0.36	0.5	0.5	0.5	0.5	0.48	0.48	0.48	0.48	0.47	0.63	0.63	0.63	0.63	0.59	0.59	0.59	0.59	0.59	0.93	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.07	0.07	0.07	0.07		
31	0.0	0.15	0.27	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.16	0.28	0.4	0.5	0.63	0.75	0.88	1.0	0.0	0.17	0.29	0.41	0.54	0.63	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88		
32	0.05	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.03	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.02	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		
33	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.48	0.48	0.48	0.48	0.48	0.63	0.63	0.63	0.63	0.6	0.6	0.6	0.6	0.6	0.87	0.81	0.75	0.74	0.73	0.73	0.72	0.71	0.7	0.13	0.13	0.13	0.13		
34	0.0	0.13	0.26	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.27	0.39	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.28	0.4	0.53	0.63																		

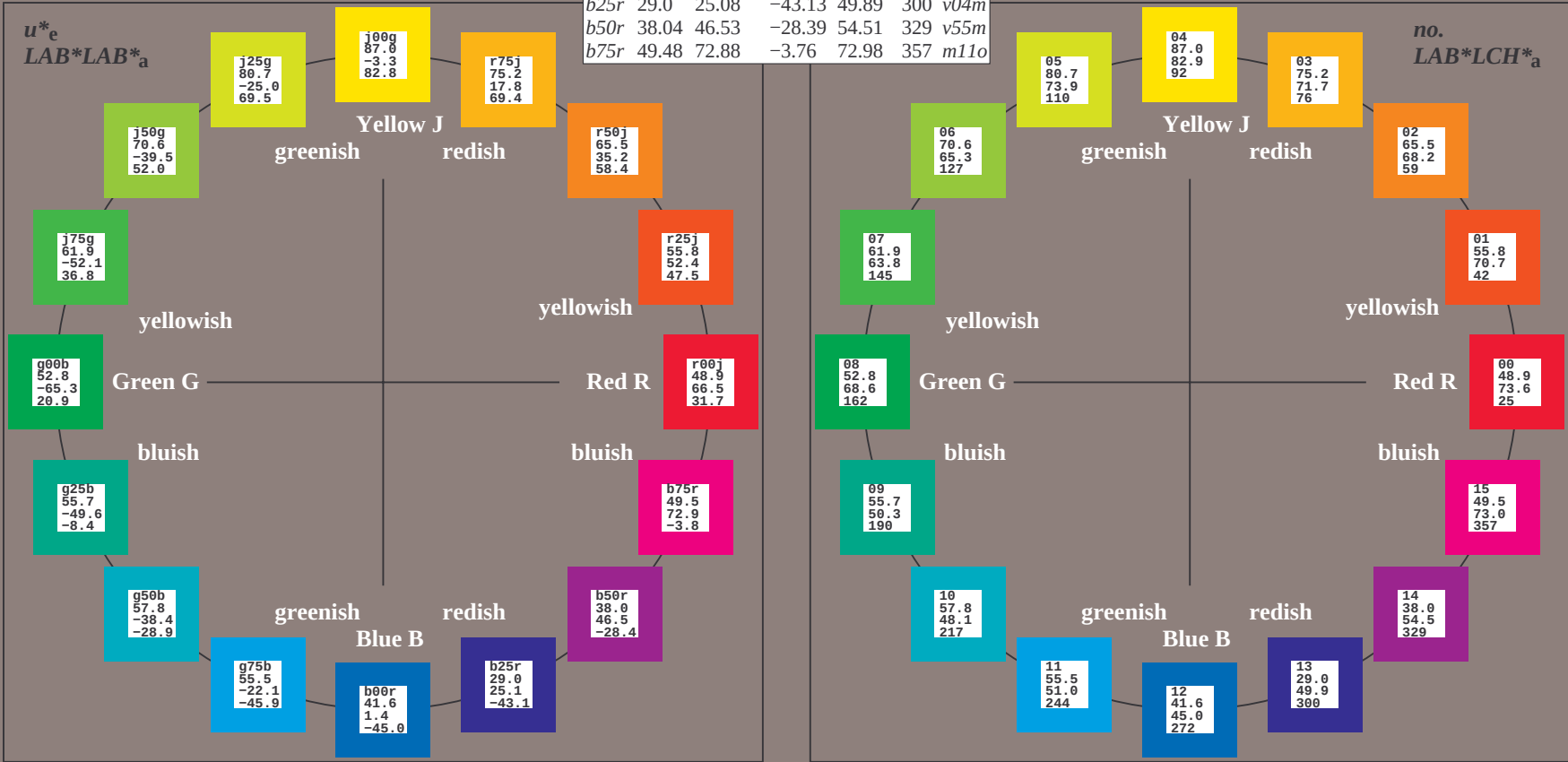
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u_e^* and number *no.* = 00 .. 15
elementary hue text:
 $u_e^* = 16$ hues *r00j*, *r25j*, ..., *b75r*
contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



%Gamut
 $u_{rel}^* = 89$
%Regularity
 $g_{H,rel}^* = 72$
 $g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data					
Name	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.071$
data for any colour:

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

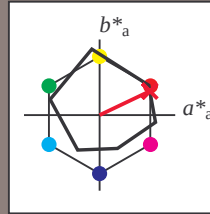
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 49 66 32

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 49 74 25

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 1.0 0.0 0.15

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

$\text{LAB}^*\text{LAB}^*_a$

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
data for any colour:

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

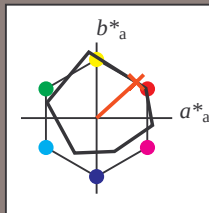
Hue texts:

$u^*_e = r25j$ $u^*_d = o17y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 52 47

$LAB^*LCH^*_{Ma}$: 56 71 42

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1,00$

brilliantness i^*

relative chroma c^*

1,00

0,75

0,50

0,25

0,00

$i^* = 0,00$

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

$i^* = 0,50$

relative chroma c^*

$i^* = 1,00$

$i^* = 0,75$

brilliantness i^*

1,00

0,75

0,50

0,25

0,00

$i^*=0,00$

$i^*=0,20$

$i^*=0,40$

$i^*=0,60$

$i^*=0,80$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.164$

data for any colour:

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

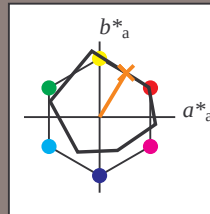
Hue texts:

$u^*_e = r50j$ $u^*_d = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 65 35 58

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 65 68 58

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

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

triangle lightness t^*

% Gamut

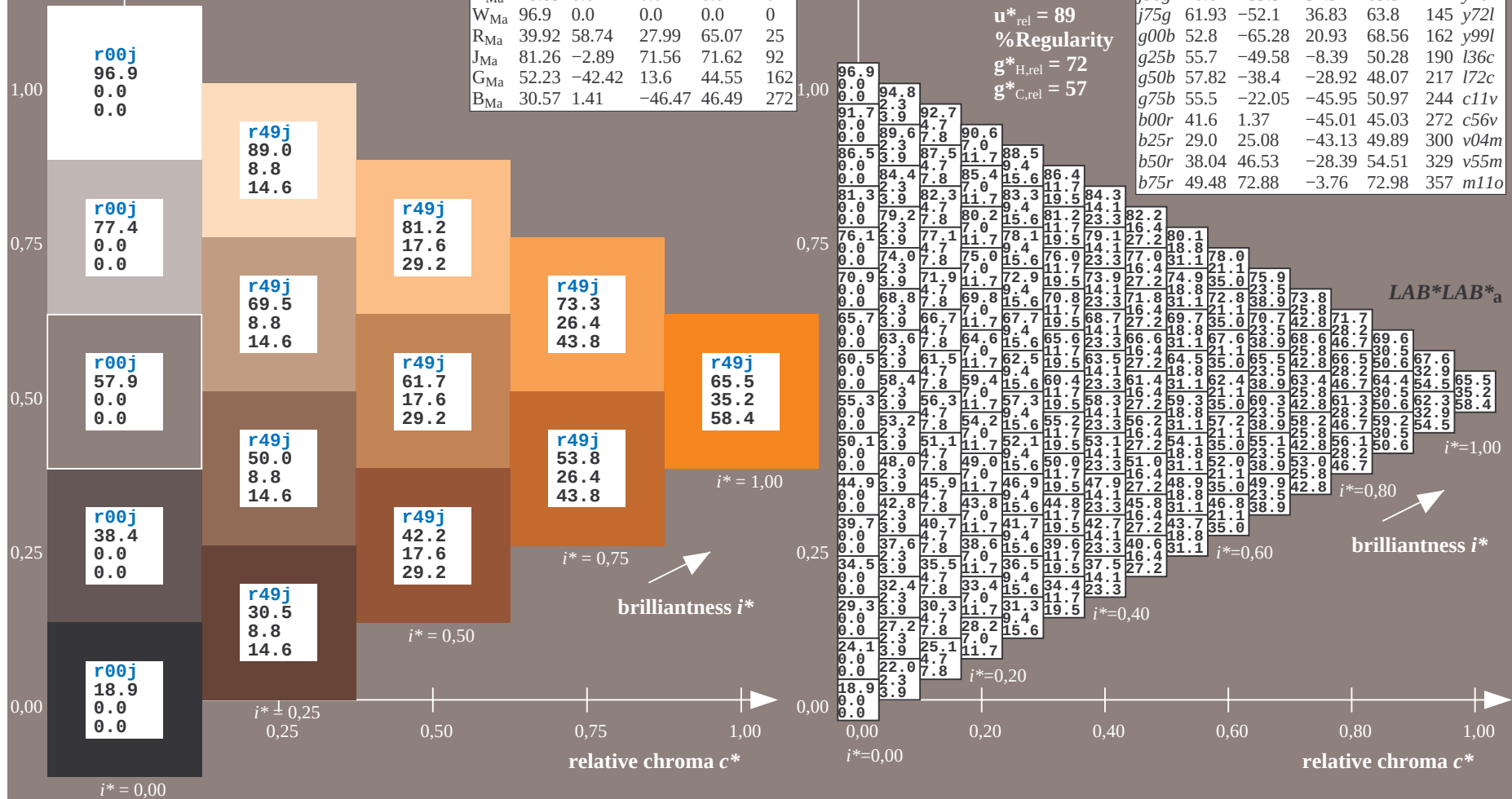
$u^*_{\text{rel}} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

data for any colour:

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

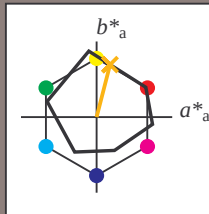
Hue texts:

$u^*_e = r75j$ $u^*_d = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

$LAB^*LCH^*_{Ma}$: 75 72 75

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

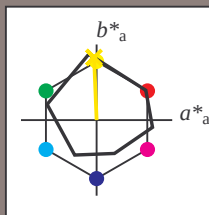
Hue texts:

$u^*_e = j00g$ $u^*_d = o92y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -3 83

$LAB^*LCH^*_{Ma}$: 87 83 92

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

$lab^*olv^*_{Ma}$: 1.0 0.93 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*

relative chroma c^*

1,00

0,75

0,50

0,25

0,00

$i^* = 0,00$

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

0,50

0,75

1,00

relative chroma c^*

1,00

0,75

0,50

0,25

0,00

$i^*=0,00$

0,20

0,40

0,60

0,80

1,00

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

data for any colour:

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

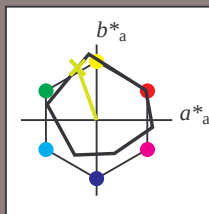
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

relative chroma c^*

1,00

0,75

0,50

0,25

0,00

$i^* = 0,00$

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

$i^* = 0,50$

relative chroma c^*

$i^* = 1,00$

brilliantness i^*

$i^* = 0,75$

1,00

0,75

0,50

0,25

0,00

$i^*=0,00$

$i^*=0,20$

$i^*=0,40$

$i^*=0,60$

$i^*=0,80$

$i^*=1,00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$
data for any colour:

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

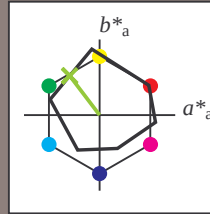
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -40 52

$LAB^*LCH^*_{Ma}$: 71 65 127

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

$lab^*olv^*_{Ma}$: 0.54 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 89$

%Regularity

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

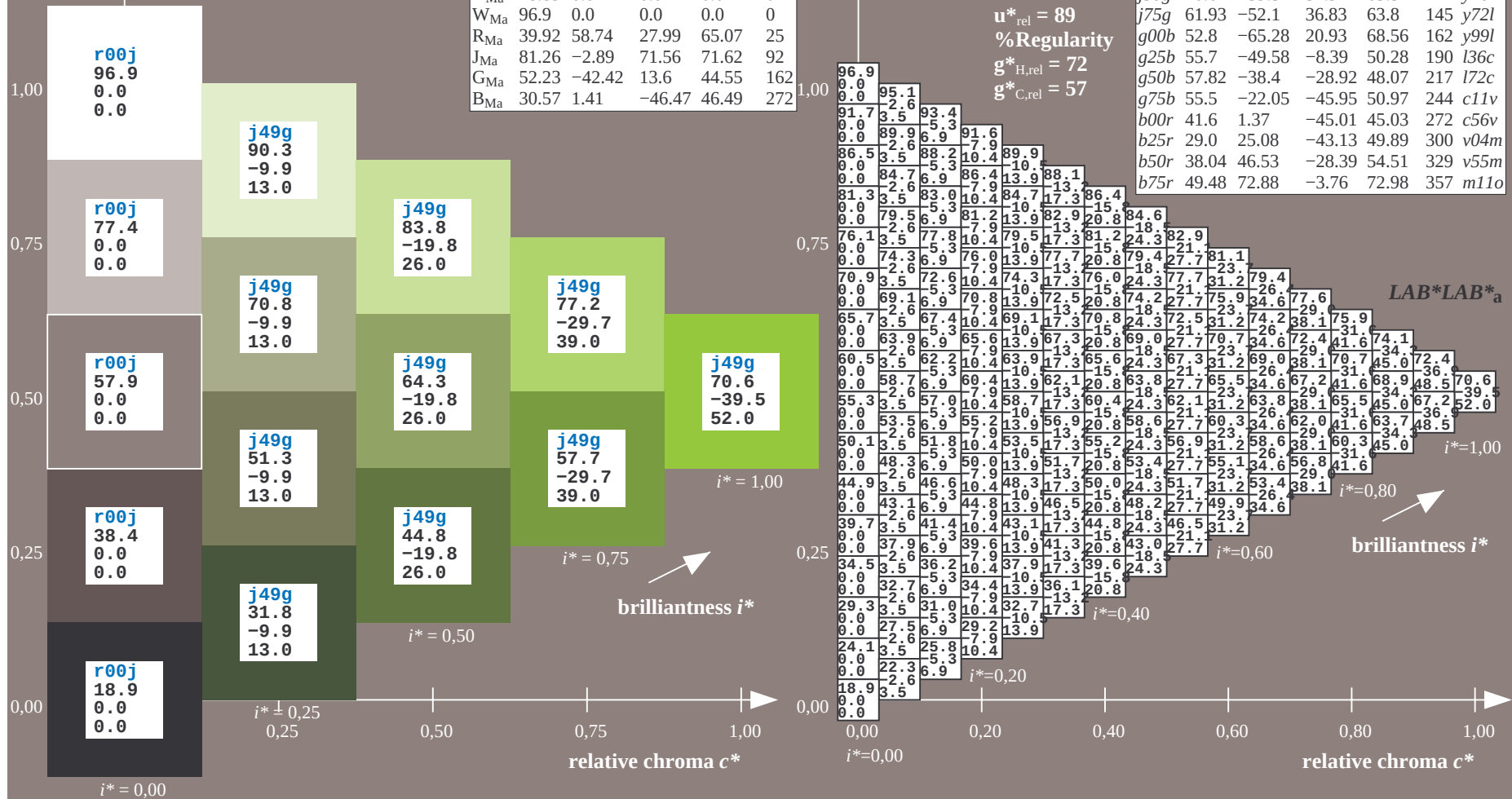
$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$
data for any colour:

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

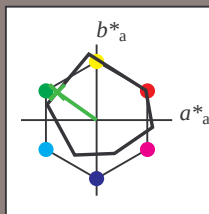
Hue texts:

$u^*_e = j75g$ $u^*_d = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -52 37

$LAB^*LCH^*_{Ma}$: 62 64 144

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

$lab^*olv^*_{Ma}$: 0.27 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:

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

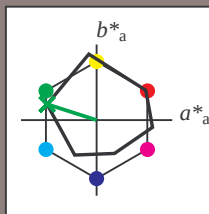
Hue texts:

$u^*_e = g00b$ $u^*_d = y99l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 53 -65 21

$LAB^*LCH^*_{Ma}$: 53 69 162

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

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

triangle lightness t^*

% Gamut

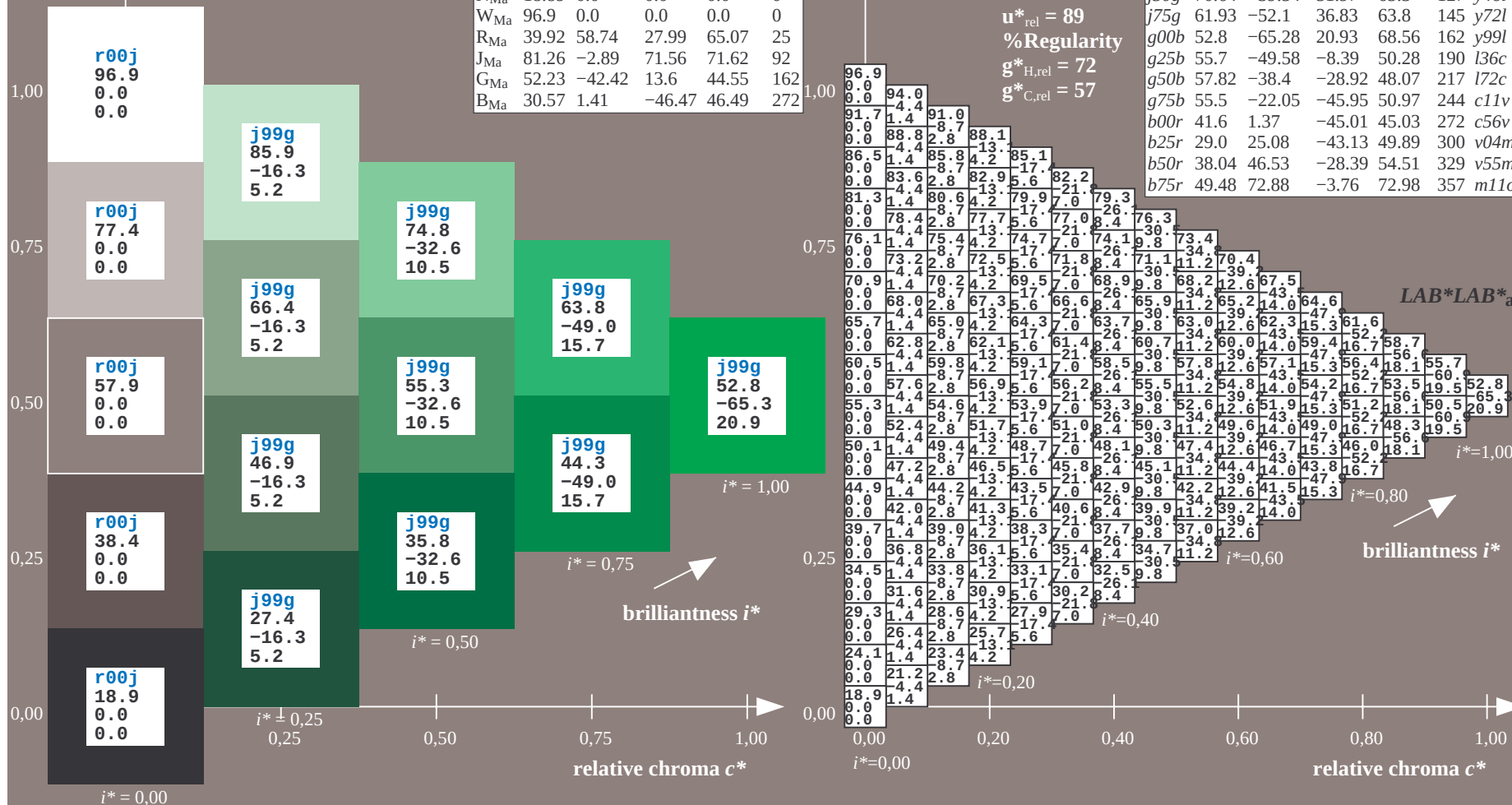
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$
data for any colour:

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

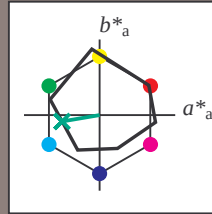
Hue texts:

$u^*_e = g25b$ $u^*_d = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -50 -8

$LAB^*LCH^*_{Ma}$: 56 50 189

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

data for any colour:

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

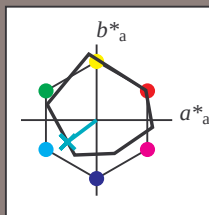
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -38 -29

$LAB^*LCH^*_{Ma}$: 58 48 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

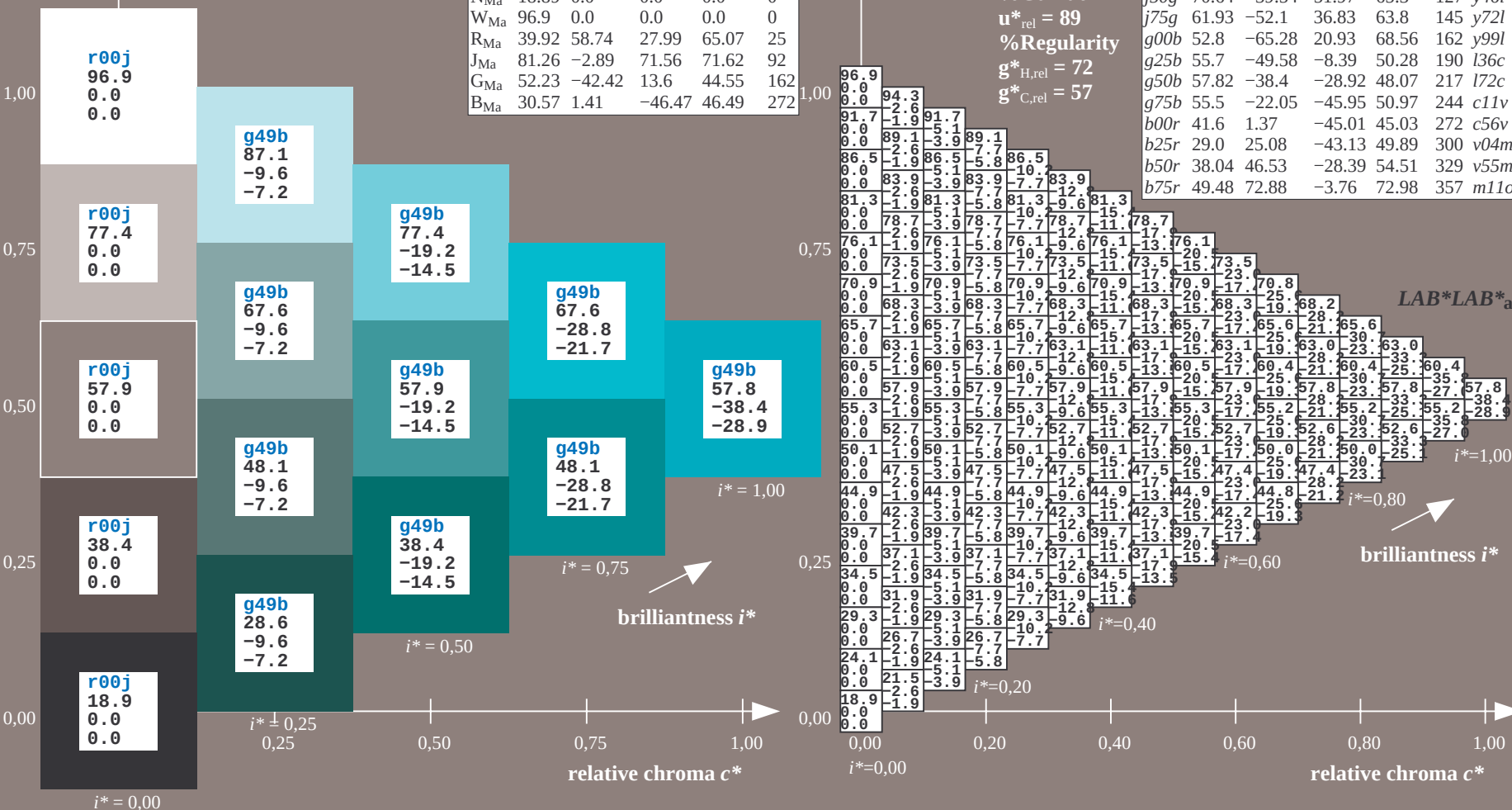
$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

data for any colour:

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

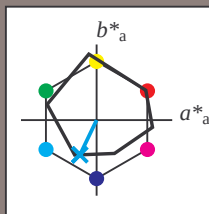
Hue texts:

$u^*_e = g75b$ $u^*_d = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -22 -46

$LAB^*LCH^*_{Ma}$: 55 51 244

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

$lab^*olv^*_{Ma}$: 0.0 0.89 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*

relative chroma c^*

1,00

0,75

0,50

0,25

0,00

$i^* = 0,00$

$i^* \pm 0,25$

0,50

0,75

1,00

relative chroma c^*

1,00

0,75

0,50

0,25

0,00

$i^*=0,00$

0,20

0,40

0,60

0,80

1,00

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

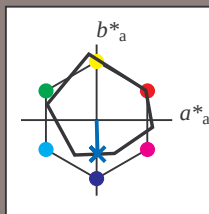
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

$LAB^*LCH^*_{Ma}$: 42 45 271

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

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

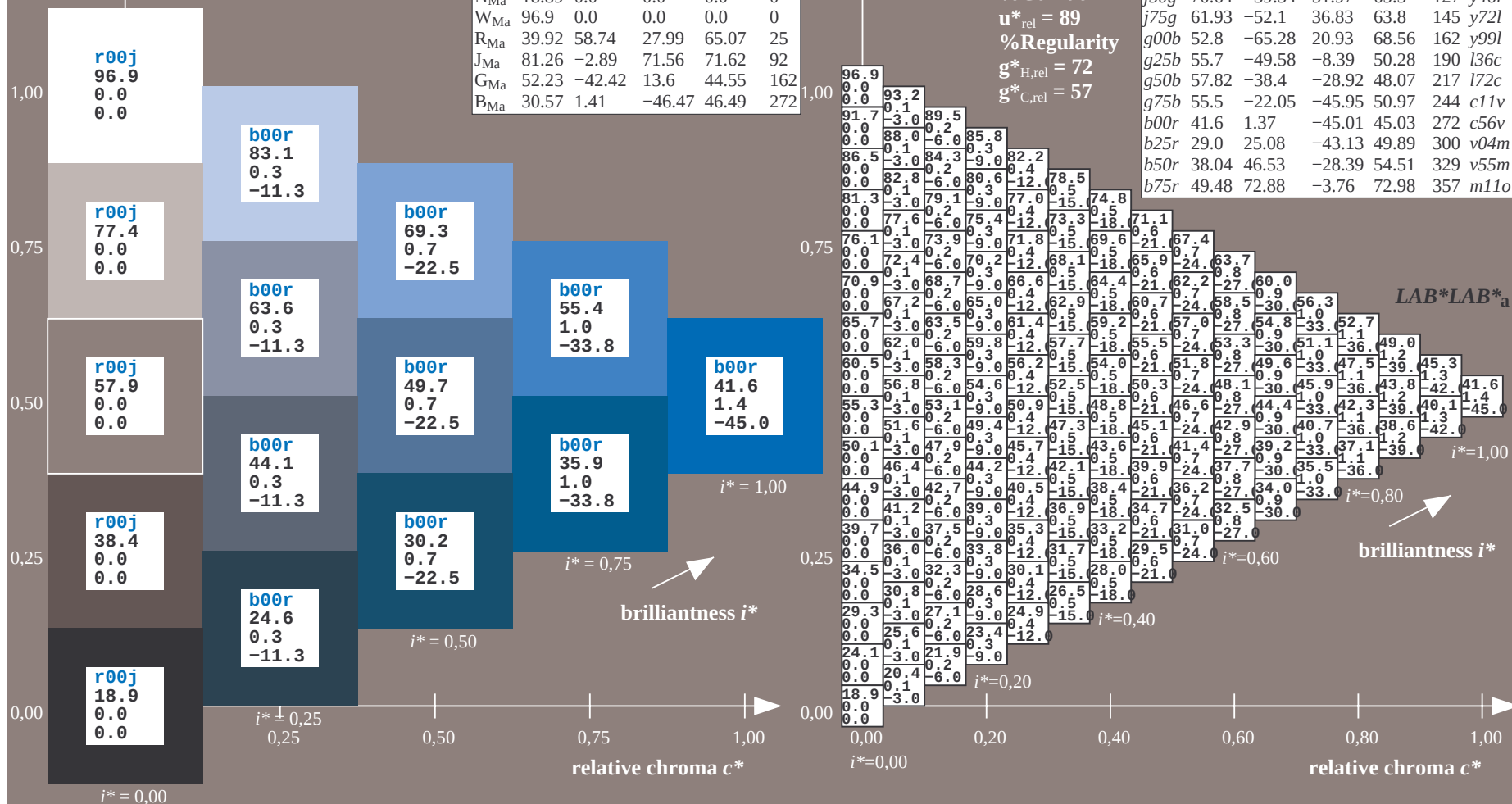
$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

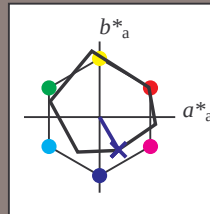
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 25 -43

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.04 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*

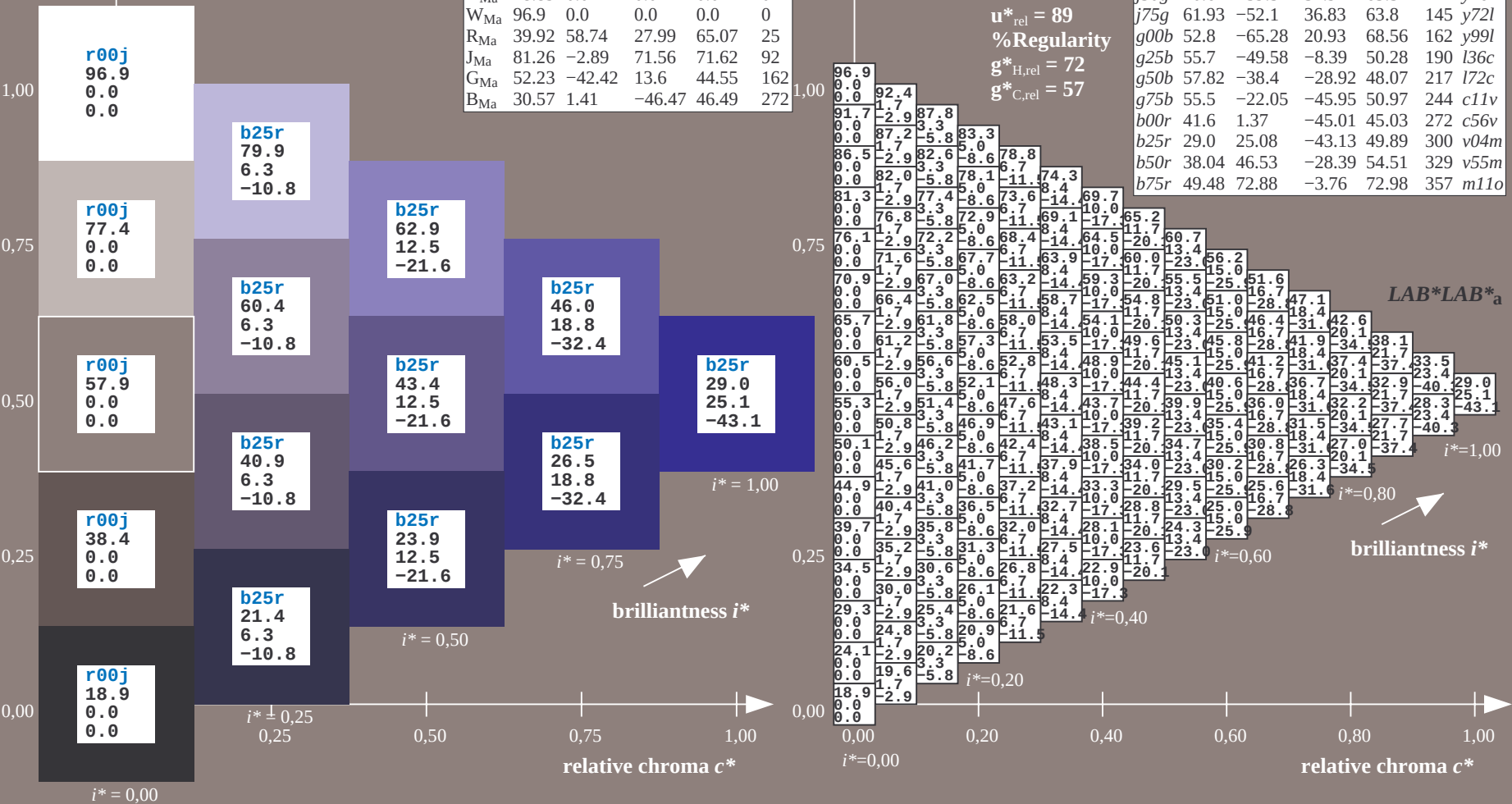
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

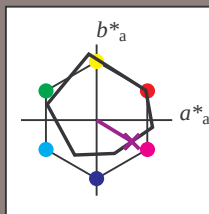
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

$LAB^*LCH^*_{Ma}$: 38 55 328

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

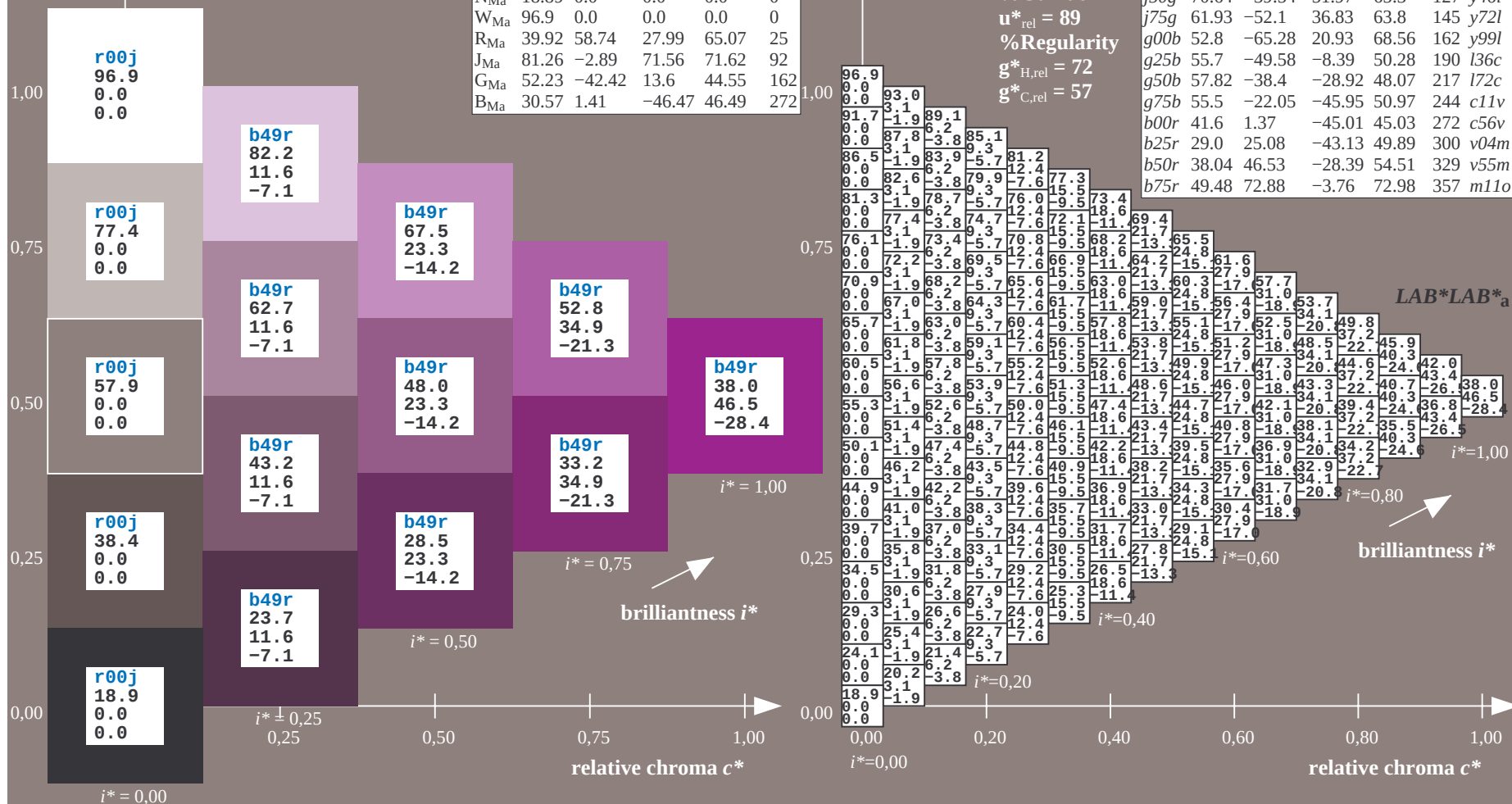
$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

data for any colour:

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

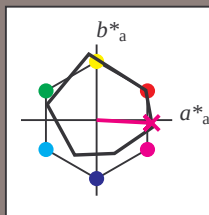
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 73 -4

$LAB^*LCH^*_{Ma}$: 49 73 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.89

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$LAB^*LAB^*_a$

$i^*=1.00$

brilliantness i^*

relative chroma c^*

1,00

0,75

0,50

0,25

0,00

$i^* = 0,00$

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

$i^* = 0,50$

relative chroma c^*

$i^* = 1,00$

brilliantness i^*

1,00

0,75

0,50

0,25

0,00

$i^*=0,00$

$i^*=0,20$

$i^*=0,40$

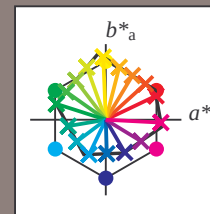
$i^*=0,60$

$i^*=0,80$

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*a				
01	18.9	23.1	27.3	31.6	35.8	40.0	44.2	48.5	52.7	22.6	27.9	31.5	35.8	40.1	44.4	48.6	52.9	57.2	26.4	31.2	36.9	40.1	44.2	48.4	52.7	57.0	61.3	66.9	90.9	84.9	78.8	72.8	66.8	60.8	54.8	48.7	18.9	18.9	18.9	18.9		
	9.0	-8.2	-16.4	-24.5	-32.7	-40.9	-49.1	-57.3	-65.4	-1.3	-10.3	-18.4	-26.5	-34.6	-42.7	-50.8	-58.9	16.3	7.5	-2.6	-12.3	-20.6	-28.7	-36.8	-44.9	-53.0	0.0	8.1	16.3	24.4	32.5	40.7	48.8	56.9	65.1	0.0	0.0	0.0	0.0			
	0.0	2.6	5.2	7.8	10.4	13.0	15.6	18.2	20.7	4.9	10.9	15.2	17.9	20.6	23.2	25.9	28.5	9.9	15.4	22.5	25.0	27.6	30.3	33.1	35.8	0.0	4.9	9.9	14.8	19.7	24.6	29.6	34.5	39.4	0.0	0.0	0.0	0.0				
02	20.1	24.0	28.3	32.6	36.9	41.2	45.5	49.7	54.0	22.7	28.6	32.9	37.1	41.3	45.5	49.8	54.0	58.2	26.5	31.6	37.6	41.3	45.6	49.9	54.1	58.4	62.7	67.0	81.1	75.1	69.1	63.1	57.1	51.0	45.0	28.6	28.6	28.6	28.6			
	3.0	-3.6	-11.1	-18.9	-26.7	-34.7	-42.6	-50.7	-58.7	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.1	-1.3	-10.9	-18.4	-26.5	-34.6	-42.7	-50.8	0.0	8.1	16.3	24.4	32.5	40.7	48.8	56.9	0.0	0.0	0.0	0.0				
	-5.5	-5.8	-4.1	-2.5	0.6	1.5	3.7	6.0	8.4	-1.2	0.0	2.6	5.2	7.8	10.4	13.0	15.6	18.2	3.7	4.9	10.9	12.5	15.2	17.9	20.6	23.2	25.9	-5.8	0.0	4.9	9.9	14.8	19.7	24.6	29.6	34.5	0.0	0.0	0.0	0.0		
03	23.1	25.0	29.1	33.4	37.7	42.1	46.4	50.7	55.0	23.4	29.8	33.7	38.1	42.4	46.7	51.0	55.2	59.5	26.6	32.5	38.4	42.6	46.8	51.1	55.3	59.5	63.7	87.6	82.6	77.4	71.4	65.4	59.3	53.3	47.3	41.3	38.4	38.4	38.4	38.4		
	5.9	-0.4	-7.2	-15.0	-22.8	-30.7	-38.6	-46.5	-54.5	11.0	0.0	-3.6	-11.3	-18.9	-26.7	-34.7	-42.6	-50.7	18.5	9.2	0.0	-8.2	-16.4	-24.5	-32.7	-40.9	-49.1	-57.3	-65.4	-73.5	-81.6	-89.7	-97.8	-105.9	-114.0	-122.1	-130.2	-138.3	-146.4	-154.5		
	-11.0	-11.3	-11.6	-9.7	-8.3	-6.7	-5.0	-3.2	-1.2	-7.6	-5.5	-5.8	-4.1	-2.5	0.6	1.5	3.7	6.0	-2.4	-1.2	0.0	2.6	5.2	7.8	10.4	13.0	15.6	-11.6	-5.8	0.0	4.9	9.9	14.8	19.7	24.6	29.6	0.0	0.0	0.0	0.0		
04	-2.5	26.3	31.9	34.2	38.4	42.8	47.1	51.5	55.8	24.5	31.0	34.8	38.8	43.1	47.5	51.8	56.1	60.4	26.9	33.1	39.6	43.5	47.8	52.1	56.4	60.7	65.0	82.9	77.8	72.7	67.6	61.6	55.6	49.6	43.6	37.6	48.1	48.1	48.1	48.1		
	8.9	2.4	-3.6	-10.9	-18.8	-26.3	-33.8	-41.4	-49.1	11.3	5.9	-0.4	-7.2	-15.0	-22.8	-30.7	-38.6	-46.5	11.9	3.0	-3.6	-11.3	-18.9	-26.7	-34.7	-42.6	0.0	10.9	-7.2	-3.6	0.0	8.1	16.3	24.4	32.5	40.7	0.0	0.0	0.0	0.0		
	-16.5	-16.8	-17.0	-17.3	-15.2	-13.8	-12.4	-10.9	-9.3	-13.2	-11.0	-11.3	-11.6	-9.7	-8.3	-6.7	-5.0	-3.2	-9.3	-7.6	-5.5	-5.8	-4.1	-2.5	-0.6	1.5	3.7	-17.3	-11.6	-5.8	0.0	4.9	9.9	14.8	19.7	24.6	0.0	0.0	0.0	0.0		
05	23.8	27.6	31.1	34.8	39.2	43.5	47.8	52.2	56.5	25.7	32.2	36.0	39.6	43.9	48.2	52.5	56.9	61.2	27.9	34.3	40.8	44.5	48.6	52.9	57.2	61.5	65.9	78.3	73.2	68.1	63.0	57.9	51.9	45.9	39.8	33.8	57.9	57.9	57.9	57.9		
	11.8	5.2	-0.8	-7.9	-14.5	-22.5	-30.1	-37.6	-45.1	11.6	7.9	2.4	-3.6	-10.9	-18.8	-26.3	-33.8	-41.4	11.9	13.8	5.9	-0.4	-7.2	-15.0	-22.8	-30.7	-38.6	-46.5	-54.5	-62.5	-70.5	-78.5	-86.5	-94.5	-102.5	-110.5	-118.5	-126.5	-134.5	-142.5		
	-22.1	-22.3	-22.6	-22.8	-23.1	-20.8	-19.3	-18.0	-16.6	-18.7	-16.5	-16.8	-17.0	-17.3	-15.2	-13.8	-12.4	-10.9	-15.1	-13.2	-11.0	-11.3	-11.6	-9.7	-8.3	-6.7	-5.0	-23.1	-17.3	-11.6	-5.8	0.0	4.9	9.9	14.8	19.7	0.0	0.0	0.0	0.0		
06	24.8	28.8	32.4	35.9	39.8	44.3	48.6	52.9	57.3	26.9	33.4	37.3	40.9	44.5	49.0	53.3	57.6	61.9	29.0	35.5	42.0	45.8	49.4	53.7	57.9	62.3	66.6	63.4	68.5	63.4	58.3	53.2	48.1	42.1	36.1	30.1	67.6	67.6	67.6	67.6		
	14.8	8.0	-2.0	-4.0	-10.4	-18.1	-26.2	-33.8	-41.4	11.9	11.8	5.2	-0.8	-7.0	-14.5	-22.5	-30.1	-37.6	16.7	8.9	2.4	-3.6	-10.9	-18.8	-26.3	-33.8	-41.4	-49.1	-57.3	-65.4	-73.5	-81.6	-89.7	-97.8	-105.9	-114.0	-122.1	-130.2	-138.3	-146.4	-154.5	
	-27.6	-27.8	-28.1	-28.3	-28.6	-28.9	-26.5	-24.9	-23.5	-24.2	-22.1	-22.3	-22.6	-22.8	-23.1	-20.8	-19.3	-18.0	-20.8	-18.7	-16.5	-16.8	-17.0	-17.3	-15.2	-13.8	-12.4	-28.9	-23.1	-17.3	-11.6	-5.8	0.0	4.9	9.9	14.8	0.0	0.0	0.0	0.0		
07	26.0	30.1	33.7	37.2	40.8	44.8	49.4	53.7	58.0	28.1	34.6	38.6	42.2	45.7	49.5	54.1	58.3	62.7	30.2	36.6	43.1	47.1	50.6	54.4	58.8	63.0	67.3	68.9	63.8	58.8	53.7	48.6	43.5	38.4	32.4	26.4	77.4	77.4	77.4	77.4		
	17.7	10.9	4.8	-1.2	-7.2	-13.9	-21.7	-29.7	-37.6	12.2	14.8	8.0	2.0	-4.0	-10.9	-18.1	-26.2	-33.8	16.7	11.8	5.2	-0.8	-7.0	-14.5	-22.5	-30.1	-37.6	-45.1	-53.0	-60.9	-68.8	-76.7	-84.6	-92.5	-100.4	-108.3	-116.2	-124.1	-132.0	-140.0	-147.9	
	-33.1	-33.4	-33.6	-33.8	-34.1	-34.4	-34.7	-32.2	-30.5	-29.7	-27.6	-27.8	-28.1	-28.3	-28.6	-28.9	-26.5	-24.9	-26.3	-24.2	-22.1	-22.3	-22.6	-22.8	-23.1	-20.8	-19.3	-34.7	-28.9	-23.1	-17.3	-11.6	-5.8	0.0	4.9	9.9	0.0	0.0	0.0	0.0		
08	-27.2	31.3	35.0	38.5	42.1	45.8	49.8	54.5	58.7	29.3	35.8	39.8	43.5	47.0	50.6	54.5	58.2	63.4	31.3	37.8	44.3	51.9	55.5	59.3	63.8	68.1	72.4	54.1	49.0	43.9	38.8	33.7	28.6	22.6	87.1	87.1	87.1	87.1				
	29.7	13.8	7.6	1.6	-4.3	-10.6	-17.4	-25.4	-33.5	12.5	17.7	10.9	4.8	-1.2	-7.2	-13.9	-21.7	-29.7	22.6	14.8	8.0	2.0	-4.0	-10.9	-18.1	-26.2	-33.8	-41.4	-49.1	-57.3	-65.4	-73.5	-81.6	-89.7	-97.8	-105.9	-114.0	-122.1	-130.2	-138.3	-146.4	-154.5
	-38.6	-38.9	-39.1	-39.4	-39.7	-39.9	-39.4	-37.9	-35.8	-33.4	-33.6	-33.8	-34.1	-34.4	-34.7	-32.2	-30.5	-29.7	-27.6	-27.8	-28.1	-28.3	-28.6	-28.9	-26.5	-24.9	-23.5	-24.2	-22.1	-22.3	-22.6	-22.8	-23.1	-20.8	-19.3	-18.0	-20.8	-18.7	-16.5	-16.8	-17.0	-17.3
09	28.4	32.5	36.2	39.8	43.3	46.9	50.7	54.9	59.6	30.0	37.0	41.0	44.7	48.3	52.5	56.9	61.3	65.7	32.5	39.5	45.5	51.5	57.5	63.5	69.5	75.5	81.5	87.5	93.5	99.5	105.5	111.5	117.5	123.5	129.5	135.5	141.5	147.5	153.5	159.5		
	32.6	16.7	10.4	4.4	-1.5	-7.6	-14.0	-21.0	-29.2	12.8	17.8	7.6	1.6	-4.3	-10.6	-17.4	-25.4	-33.5	12.5	17.7	10.9	4.8	-1.2	-7.2	-13.9	-21.7	-29.7	-37.6	-45.1	-53.0	-60.9	-68.8	-76.7	-84.6	-92.5	-100.4	-108.3	-116.2	-124.1	-132.0	-140.0	-147.9
	-44.1	-44.4	-44.7	-44.9	-45.1	-45.4	-45.6	-45.9	-46.2	-40.8	-38.0	-38.9	-39.1	-39.4	-39.6	-39.9	-40.4	-40.4	-37.4	-35.3	-33.1	-33.4	-33.6	-33.8	-34.1	-34.4	-34.7	-46.2	-40.4	-34.7	-28.9	-23.1	-17.3	-11.6	-5.8	0.0	0.0	0.0	0.0	0.0		
10	30.1	35.1	39.8	45.9	48.7	52.6	56.8	61.1	65.4	33.8	39.0	43.6	48.6	54.9	61.2	65.3	69.5	73.6	42.8	47.5	52.2	57.4	63.9	66.3	69.9	73.8	78.9	86.9	96.9	96.2	95.4	94.7	93.9	93.2	92.4	91.7	90.9	18.9	18.9	18.9	18.9	
	24.0	15.4	7.0	-3.9	-14.7	-22.7	-30.9	-39.1	-47.2	23.2	25.3	15.0	6.2	-5.1	-15.7	-24.6	-33.0	-41.2	24.0	31.3	22.9	14.6	5.3	-6.4	-17.2	-26.4	-35.0	-43.8	-52.6	-61.4	-70.2	-79.0	-87.8	-96.6	-105.4	-114.2	-123.0	-131.8	-140.6	-149.4	-158.2	
	14.8	20.5	25.8	32.7	32.9	34.9	37.4	40.1	42.8	19.7	25.6	30.8	36.4	43.6	43.4	45.1	47.4	49.9	24.6	30.6	35.9	41.2	47.1	54.5	64.0	55.4	57.4	0.0	10.9	21.8	32.7	43.6	54.5	65.4	76.3	87.2	0.0	0.0	0.0	0.0		
11	30.2	36.1	41.0	46.9	49.8	53.9	58.2	62.5	66.8	33.9	39.8	44.9	49.6	55.7	63.5	62.4	66.6	70.8	37.7	43.6	49.7	53.4	58.3	64.7	67.0	71.0	75.0	88.3	87.1	86.4	85.7	84.9	84.2	83.4	82.7	81.9	24.1	24.1	24.1	24.1		
	25.5	16.3	7.5	-2.6	-12.3	-20.6	-28.7	-36.8	-44.9	11.3	14.4	15.4	7.0	-3.9	-14.1	-22.7	-30.9	-39.1	31.3	22.9	14.6	5.3	-6.4	-17.2	-26.4	-35.0	-43.8	-52.6	-61.4	-70.2	-79.0	-87.8	-96.6	-105.4	-114.2	-123.0	-131.8	-140.6	-149.4	-158.2		
	8.5	9.9	15.4	21.8	22.5	25.0	27.6	30.3	33.1	13.3	14.8	20.5	25.8	32.7	32.9	34.9	37.4	40.1	18.2	19.7	25.6	30.8	36.4	43.6	43.4	45.1	47.4	-5.5	0.0	10.9	21.8	32.7	43.6	54.5	65.4	76.3	0.0	0.0	0.0	0.0		
12	30.3	36.2	42.1	47.4	51.0	55.3	59.6	63.9	68.2	34.0	39.9	45.9	50.6	56.8	63																											

Input and output:
 Colorimetric Printer Reflective System ORS19_96a
 data for any colour:
 u_e^* and number $no.$ = 00 .. 15
 elementary hue text:
 $u_e^* = 16$ hues $r00j$, $r25j$, ..., $b75r$
 contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$



%Gamut

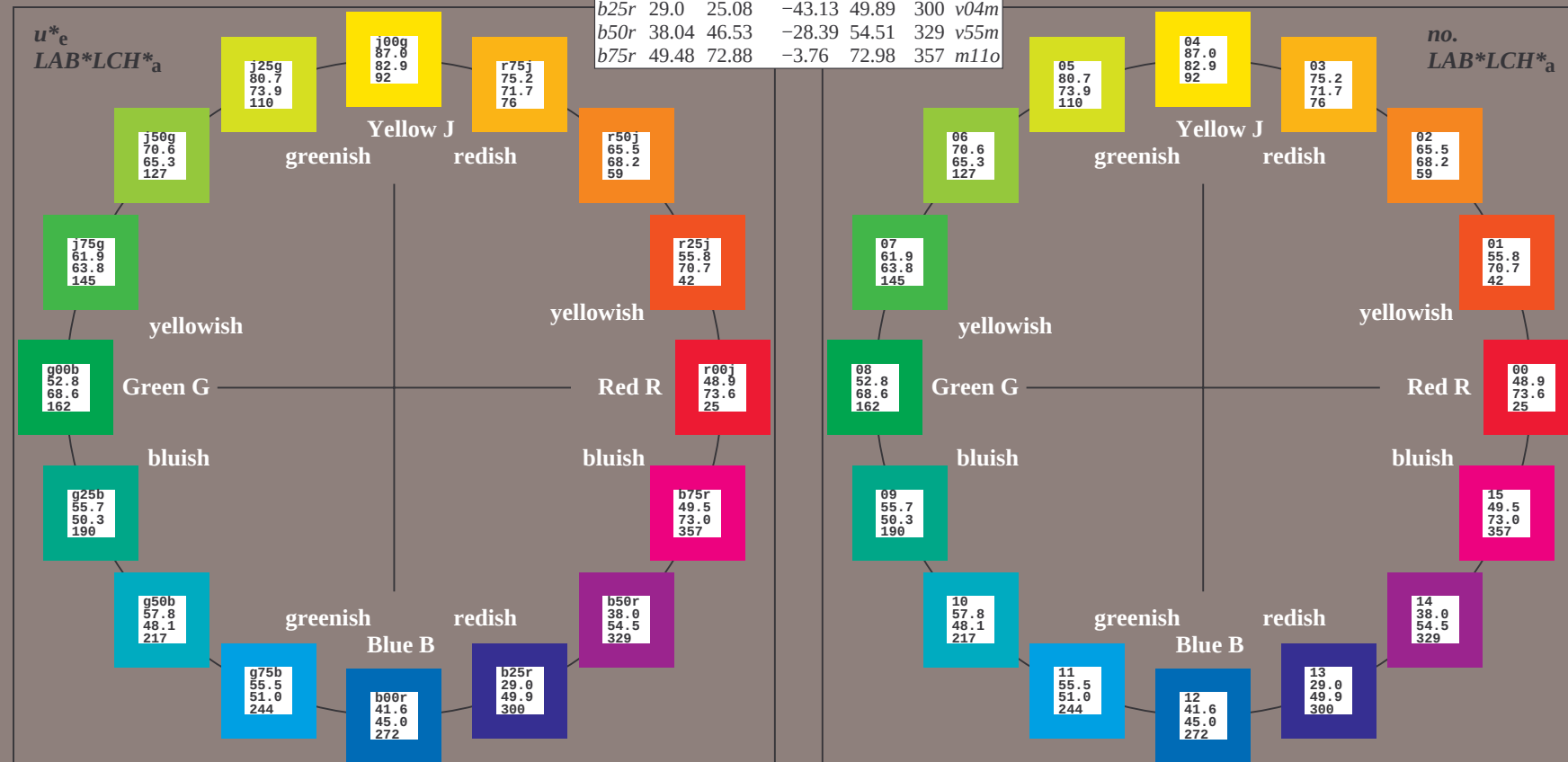
$u_{rel}^* = 89$

%Regularity

$g_{H,rel}^* = 72$

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

ORS19_96a; adapted (a) CIELAB data					
Name	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

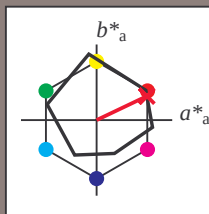
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 66 32

$LAB^*LCH^*_{Ma}$: 49 74 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.15

triangle lightness t^*

% Gamut

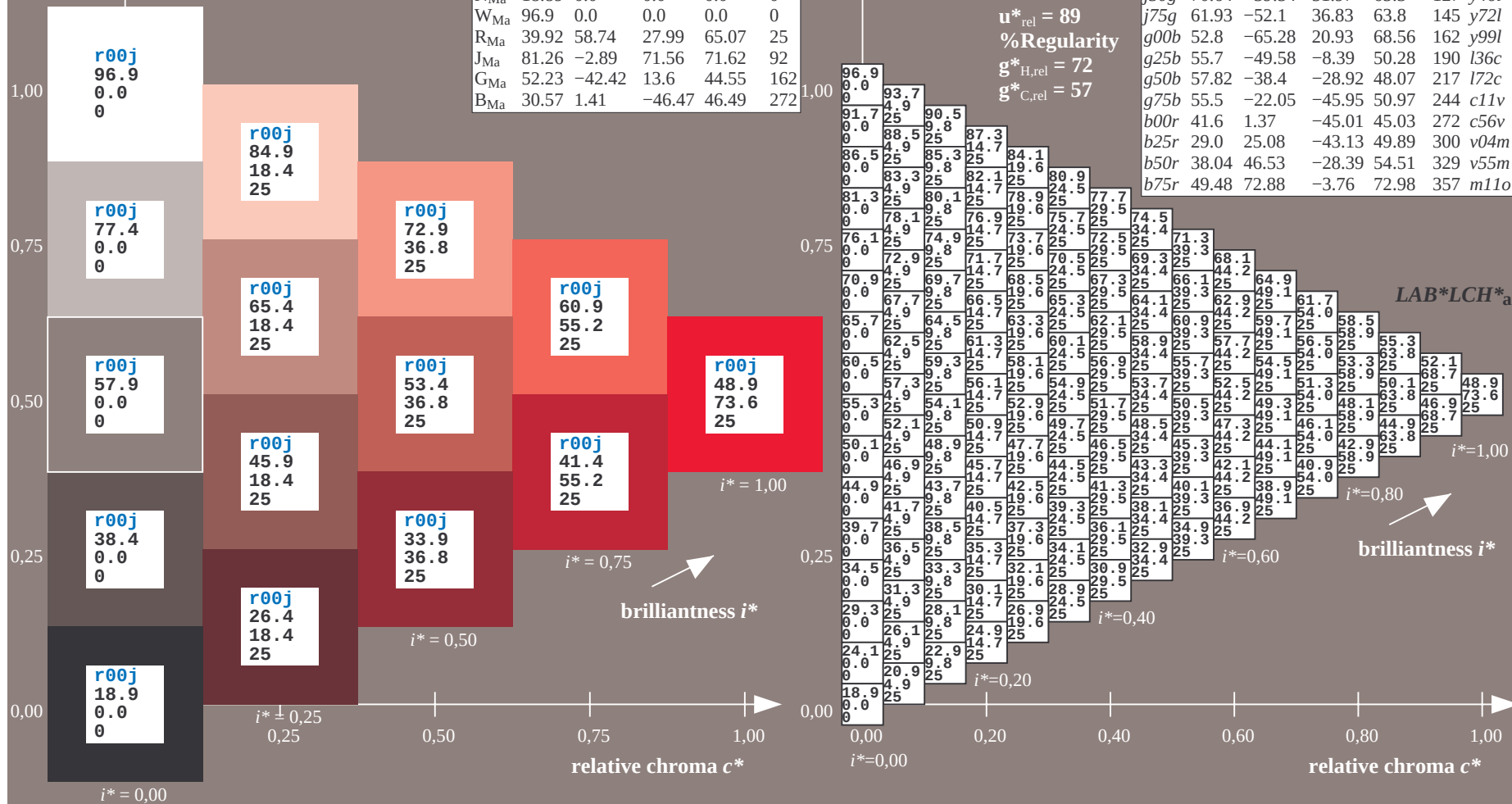
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
data for any colour:

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

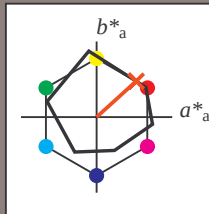
Hue texts:

$u^*_e = r25j$ $u^*_d = o17y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 52 47

$LAB^*LCH^*_{Ma}$: 56 71 42

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^*=1.00$

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 ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$

data for any colour:

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

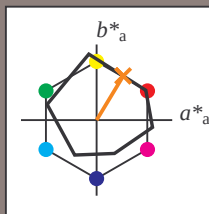
Hue texts:

$u^*_e = r50j$ $u^*_d = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 35 58

$LAB^*LCH^*_{Ma}$: 65 68 58

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^*=1.00$

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 ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.21$
data for any colour:

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

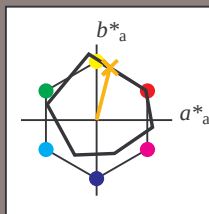
Hue texts:

$u^*_e = r75j$ $u^*_d = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 75 18 69

$\text{LAB}^*\text{LCH}^*_{Ma}$: 75 72 75

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

$\text{lab}^*\text{olv}^*_{Ma}$: 1.0 0.68 0.0

triangle lightness t^*

% Gamut

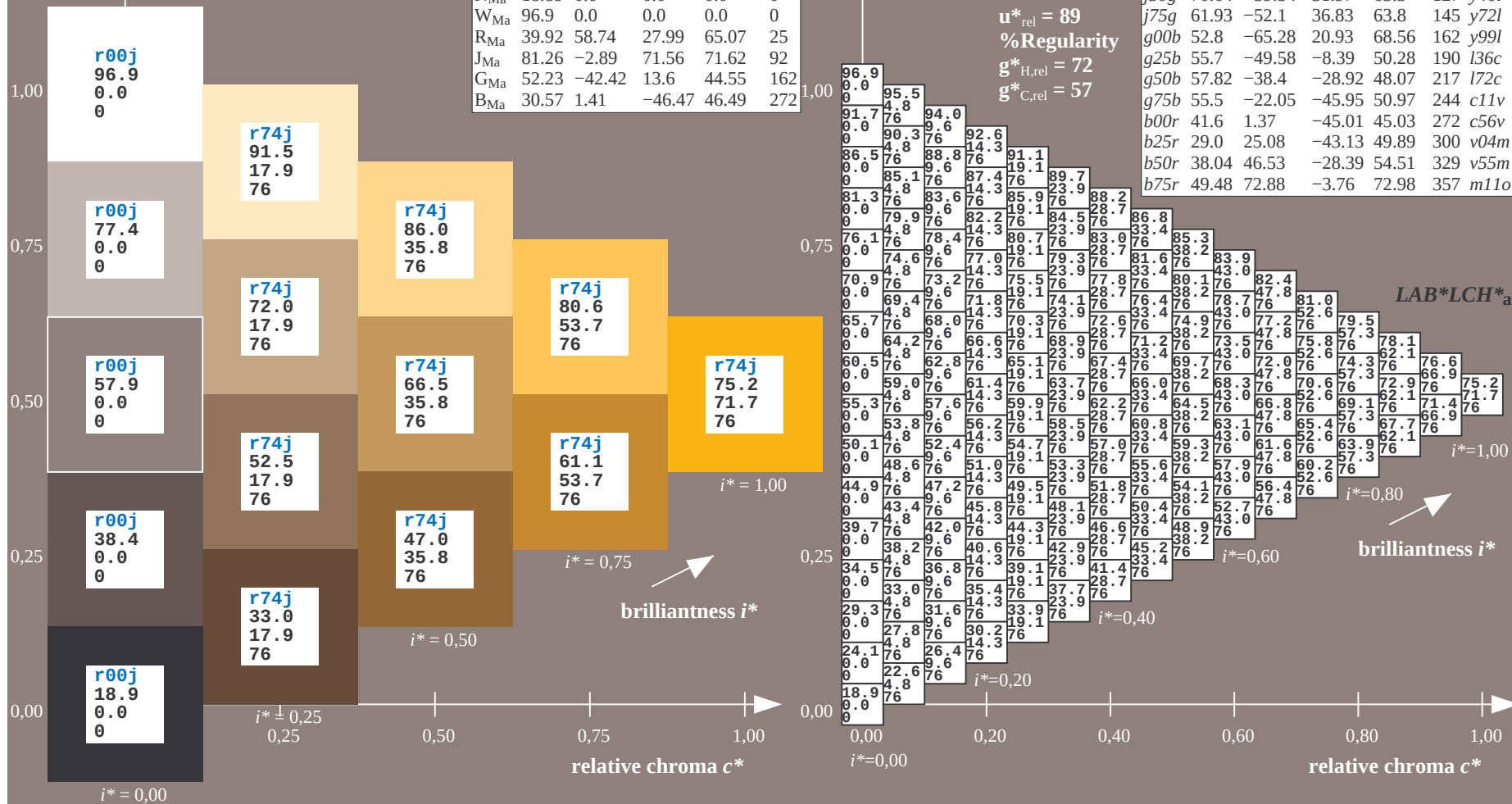
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

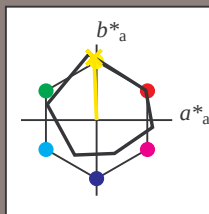
Hue texts:

$u^*_e = j00g$ $u^*_d = o92y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 87 -3 83$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 87 83 92$

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}: 1.0 0.93 0.0$

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

data for any colour:

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

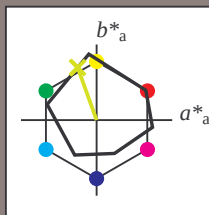
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$u^*_e = j25g$

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

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

$i^* = 1.00$

$i^* = 0.80$

brilliantness i^*

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$
data for any colour:

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

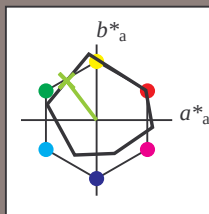
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -40 52

$LAB^*LCH^*_{Ma}$: 71 65 127

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

$lab^*olv^*_{Ma}$: 0.54 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

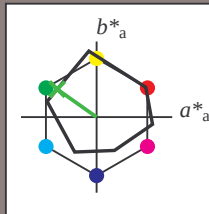
Hue texts:

$u^*_e = j75g$ $u^*_d = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 62 -52 37

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 62 64 144

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 0.27 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{\text{rel}} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:

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

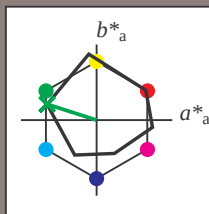
Hue texts:

$u^*_e = g00b$ $u^*_d = y99l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 53 -65 21

$LAB^*LCH^*_{Ma}$: 53 69 162

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

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

triangle lightness t^*

% Gamut

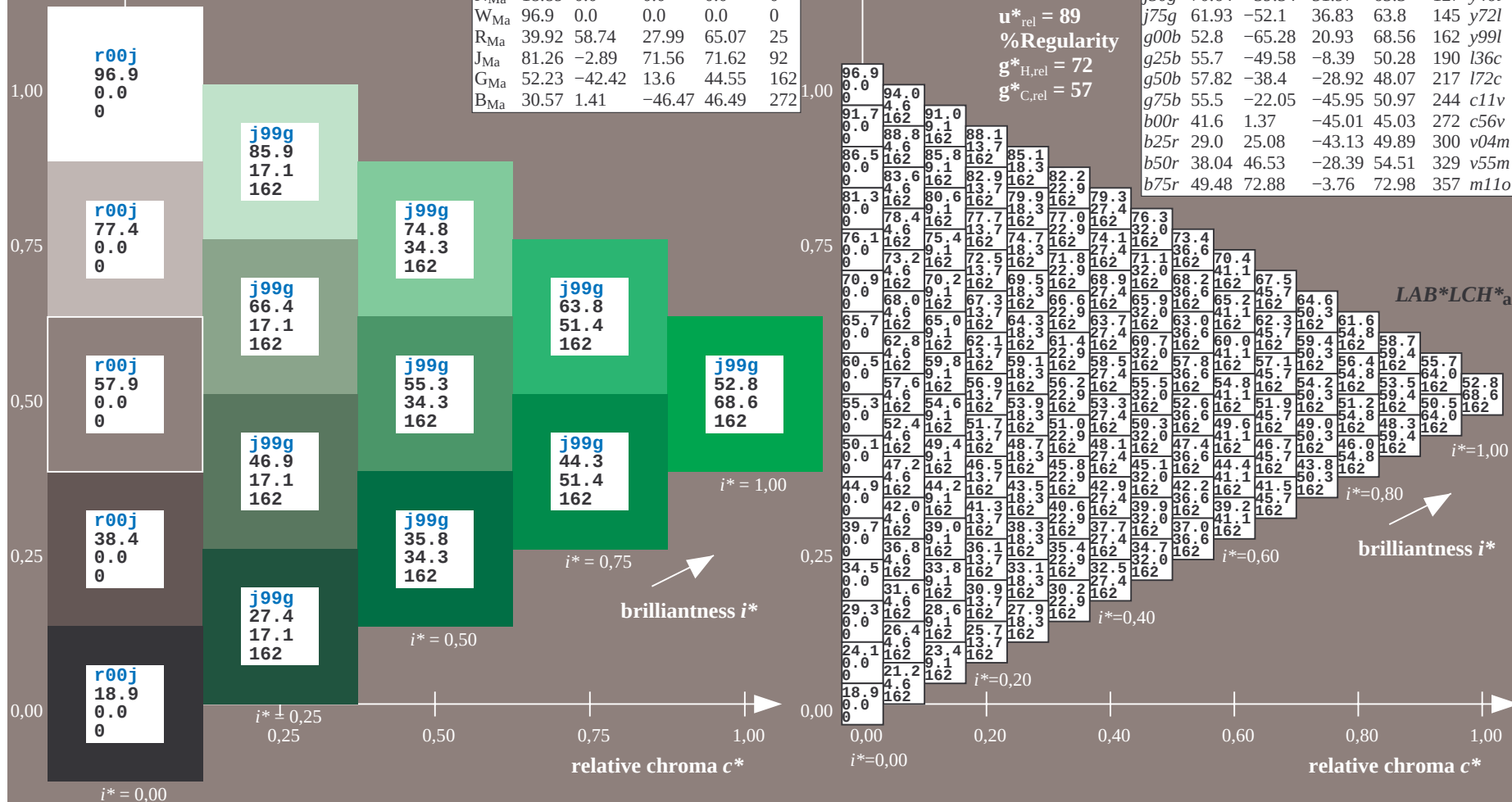
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

data for any colour:

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

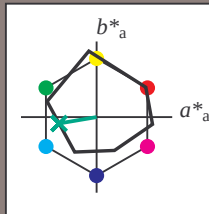
Hue texts:

$u^*_e = g25b$ $u^*_d = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -50 -8

$LAB^*LCH^*_{Ma}$: 56 50 189

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

data for any colour:

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

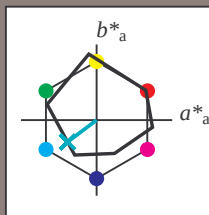
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -38 -29

$LAB^*LCH^*_{Ma}$: 58 48 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

%Gamut

$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

data for any colour:

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

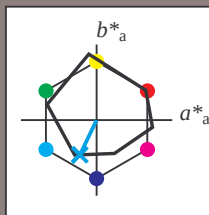
Hue texts:

$u^*_e = g75b$ $u^*_d = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -22 -46

$LAB^*LCH^*_{Ma}$: 55 51 244

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

$lab^*olv^*_{Ma}$: 0.0 0.89 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

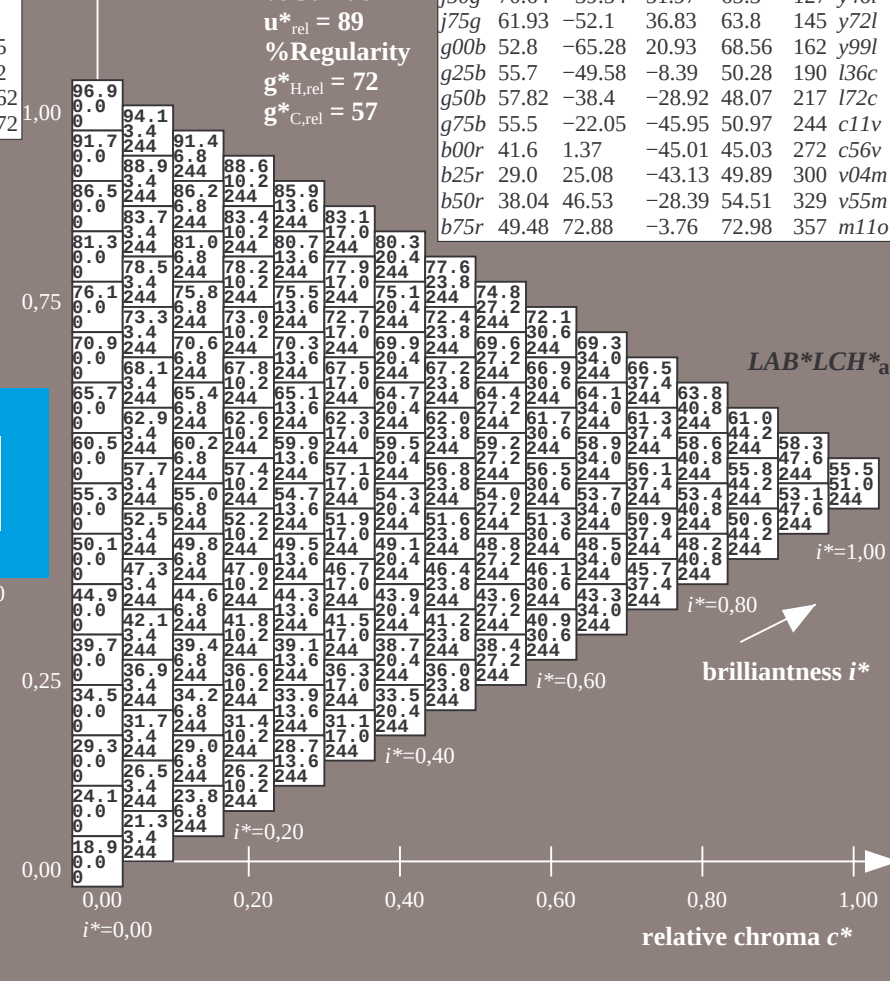
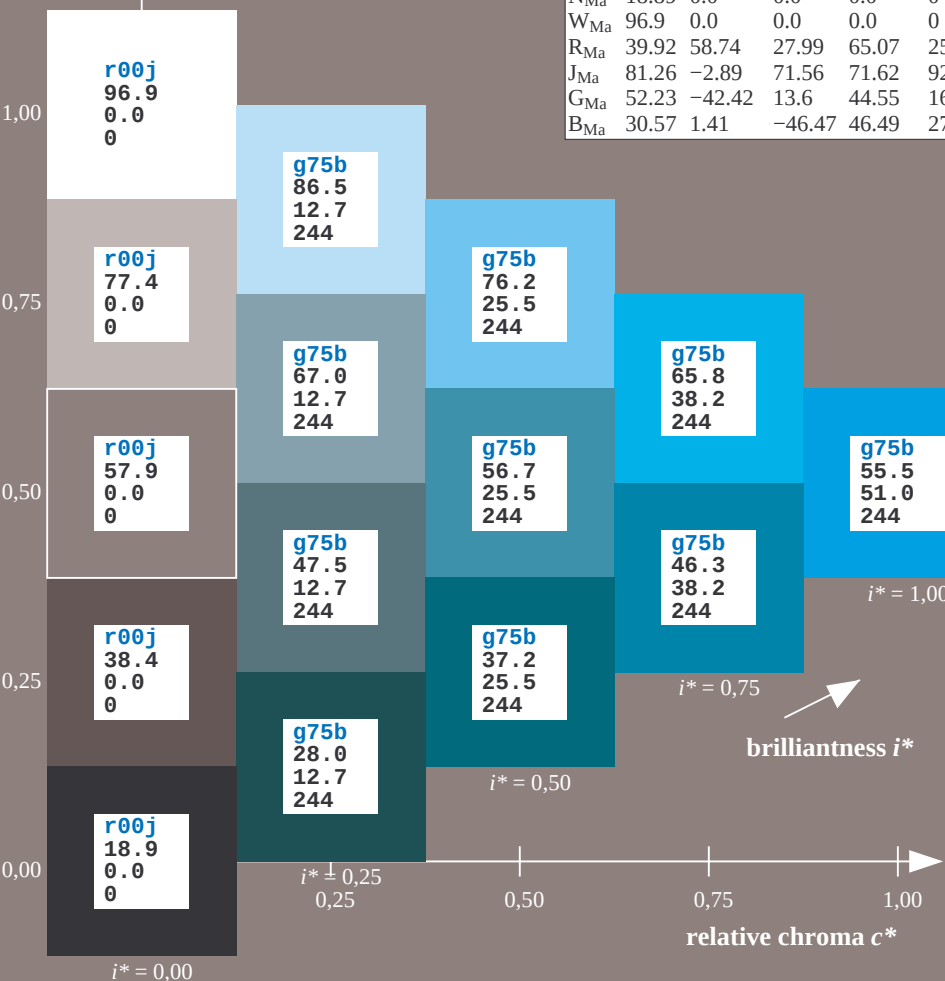
ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^*=1.00$

brilliantness i^*

relative chroma c^*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

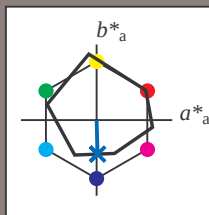
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

$LAB^*LCH^*_{Ma}$: 42 45 271

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

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^*=1.00$

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 ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

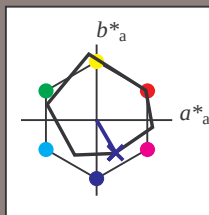
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 29 25 -43

$\text{LAB}^*\text{LCH}^*_{Ma}$: 29 50 300

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

$\text{lab}^*\text{olv}^*_{Ma}$: 0.04 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

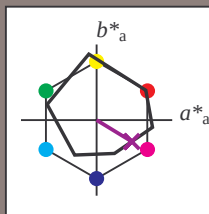
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 38 47 -28

$\text{LAB}^*\text{LCH}^*_{Ma}$: 38 55 328

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

1,00

0,75

0,50

0,25

0,00

$i^* = 0,00$

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

$i^* = 0,50$

relative chroma c^*

$i^* = 1,00$

brilliantness i^*

$i^* = 0,75$

1,00

0,75

0,50

0,25

0,00

$i^*=0,00$

0,20

0,40

0,60

0,80

1,00

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.992$
data for any colour:

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

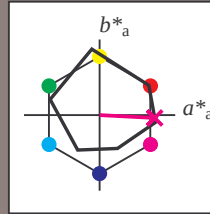
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 49 73 -4

$\text{LAB}^*\text{LCH}^*_{Ma}$: 49 73 357

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

$\text{lab}^*\text{olv}^*_{Ma}$: 1.0 0.0 0.89

triangle lightness t^*

%Gamut

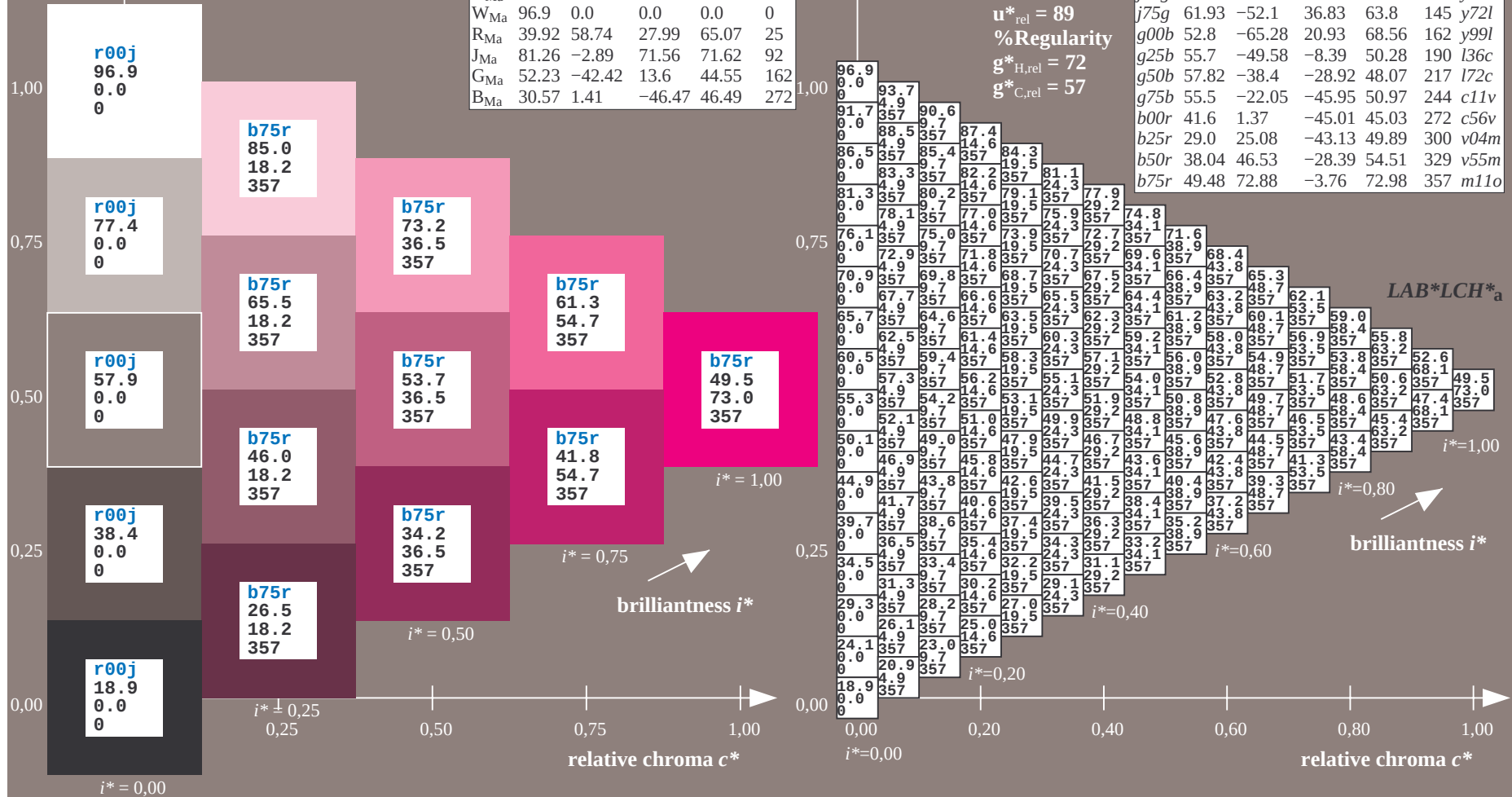
$u^*_{rel} = 89$

%Regularity

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

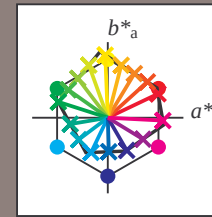
$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output:
 Colorimetric Printer Reflective System ORS19_96a
 data for any colour:
 u^*_e and number *no.* = 00 .. 15
 elementary hue text:
 $u^*_e = 16$ hues *r00j*, *r25j*, ..., *b75r*
 contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



%Gamut

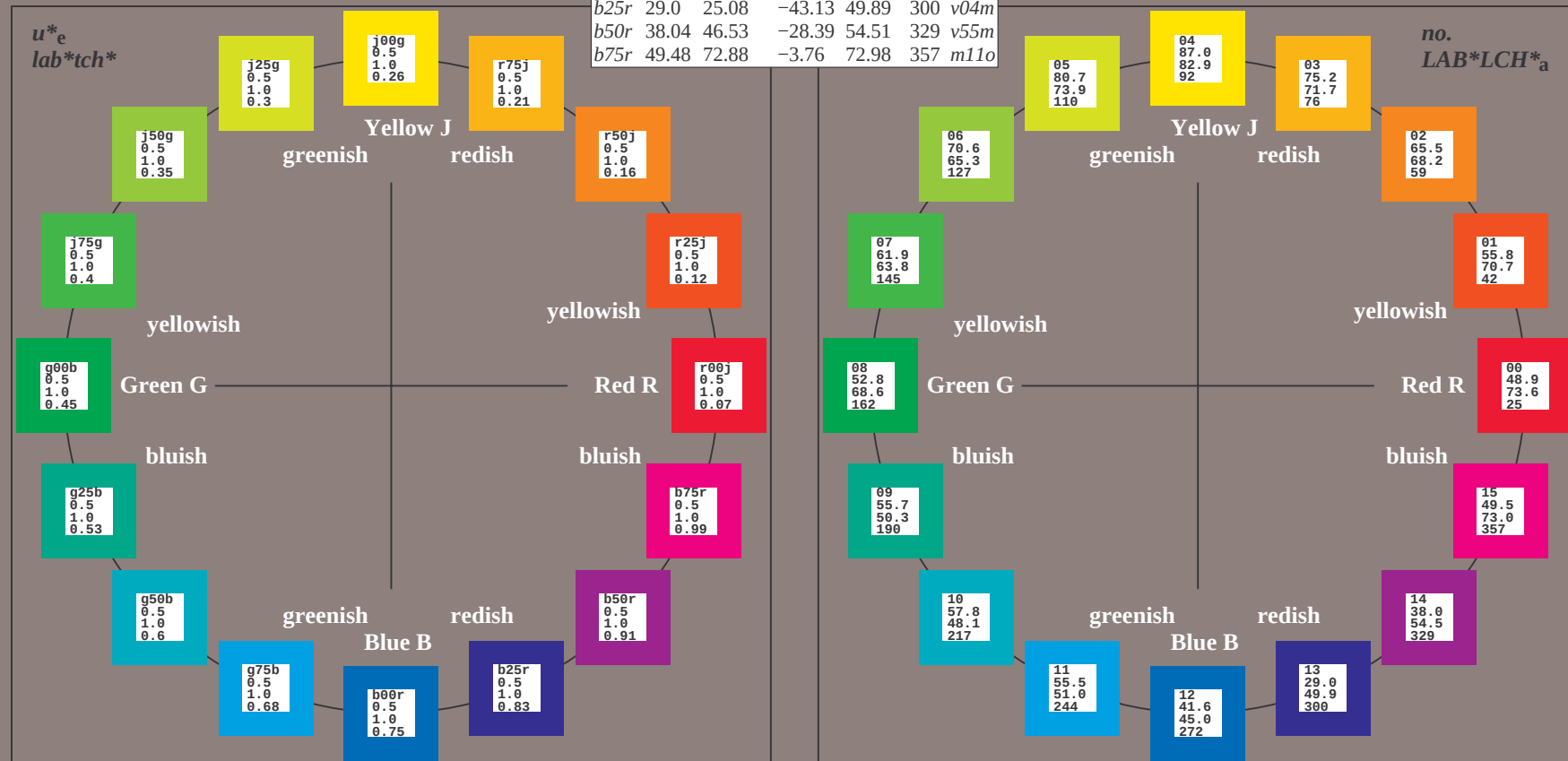
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

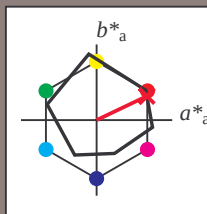
Hue texts:

$u_e^* = r00j$ $u_d^* = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 66 32

$LAB^*LCH^*_{Ma}$: 49 74 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.15

triangle lightness t^*

% Gamut

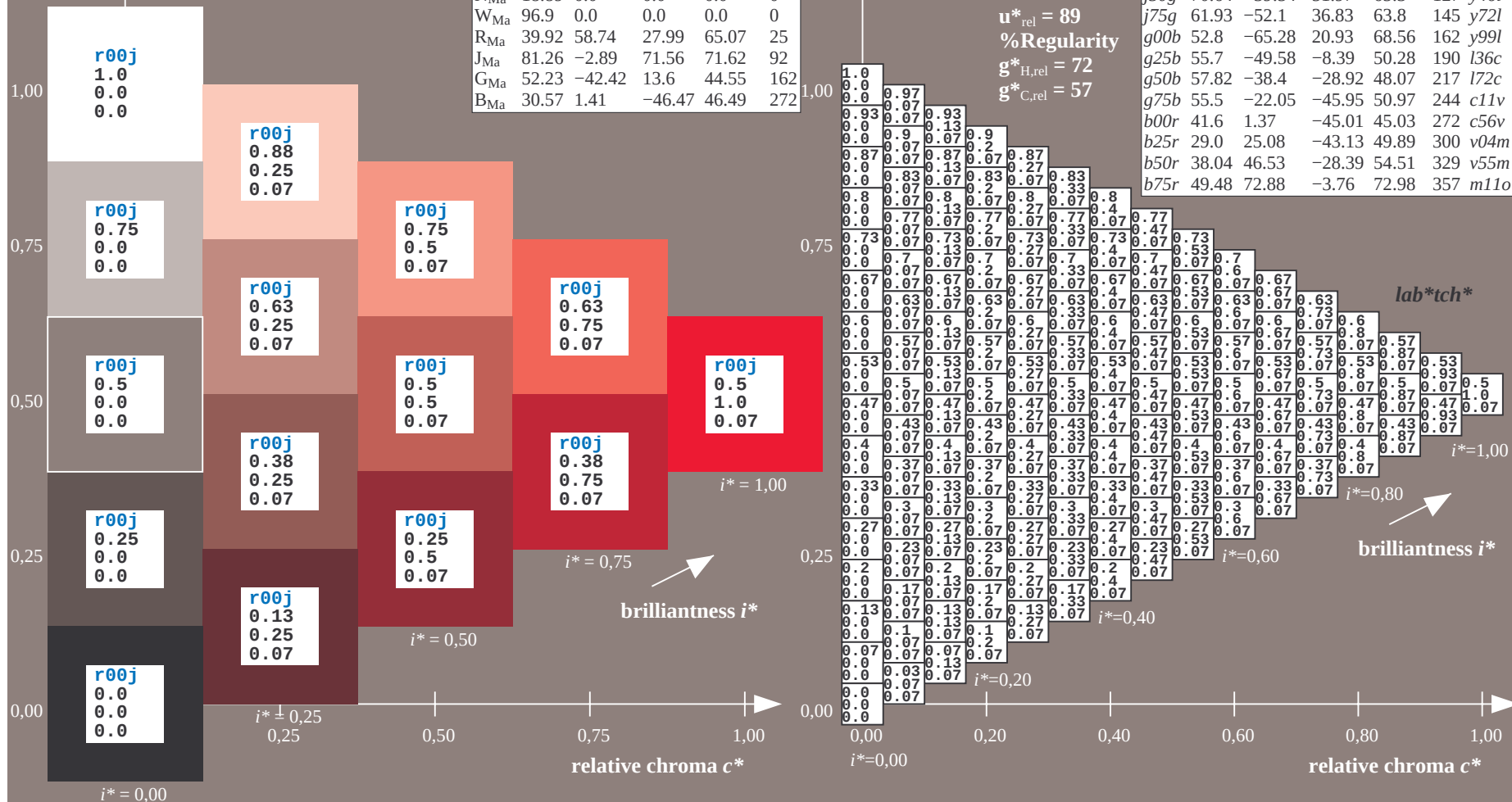
$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

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

ORS19_96a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.117$

data for any colour:

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

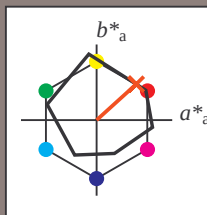
Hue texts:

$u_e^* = r25j$ $u_d^* = o17y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 56 52 47

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 56 71 42

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 1.0 0.17 0.0

triangle lightness t^*

% Gamut

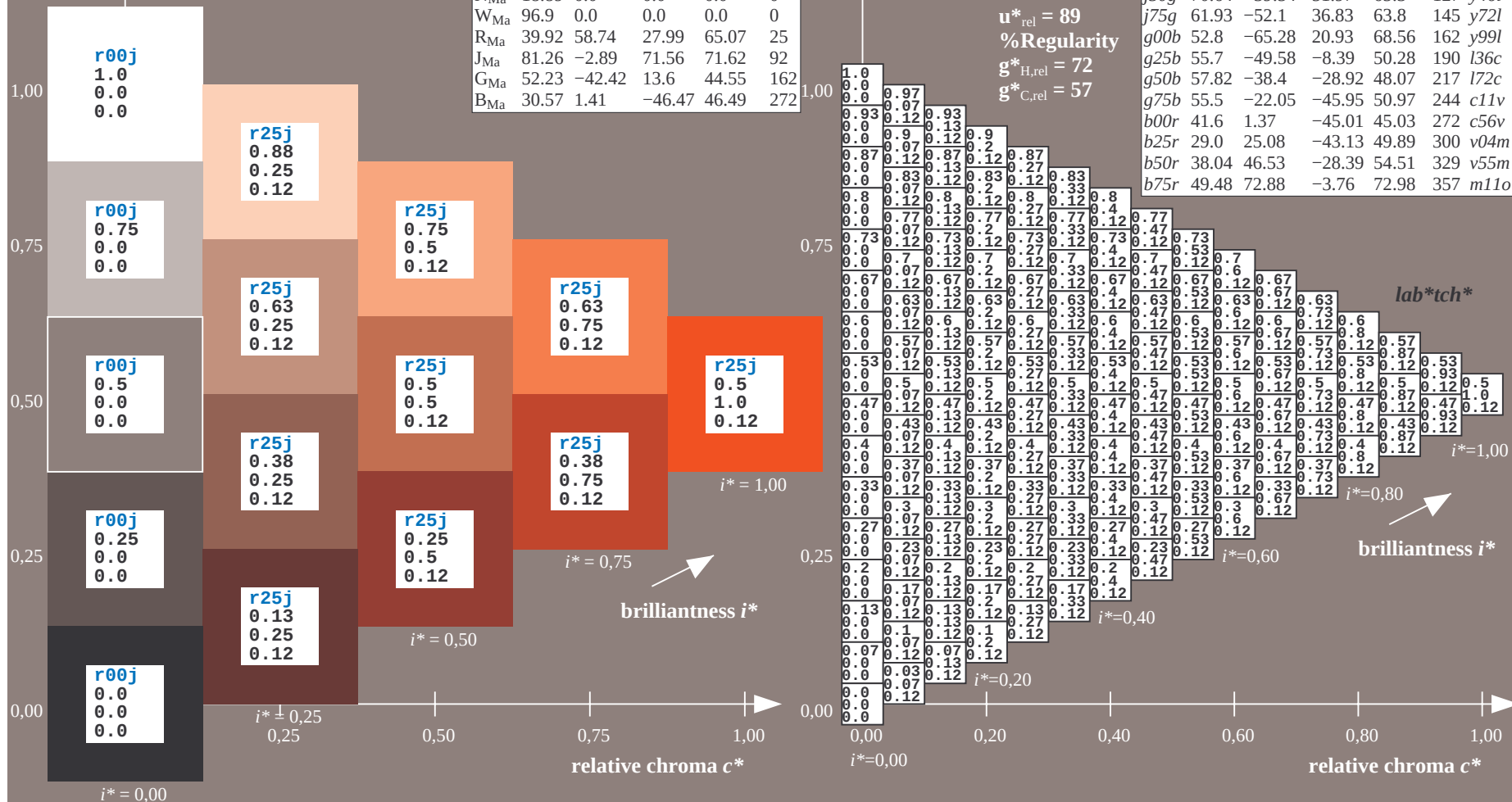
$u_{\text{rel}}^* = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.164$

data for any colour:

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

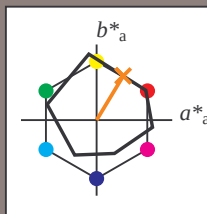
Hue texts:

$u^*_e = r50j$ $u^*_d = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 65 35 58

$\text{LAB}^*\text{LCH}^*_{Ma}$: 65 68 58

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

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

triangle lightness t^*

% Gamut

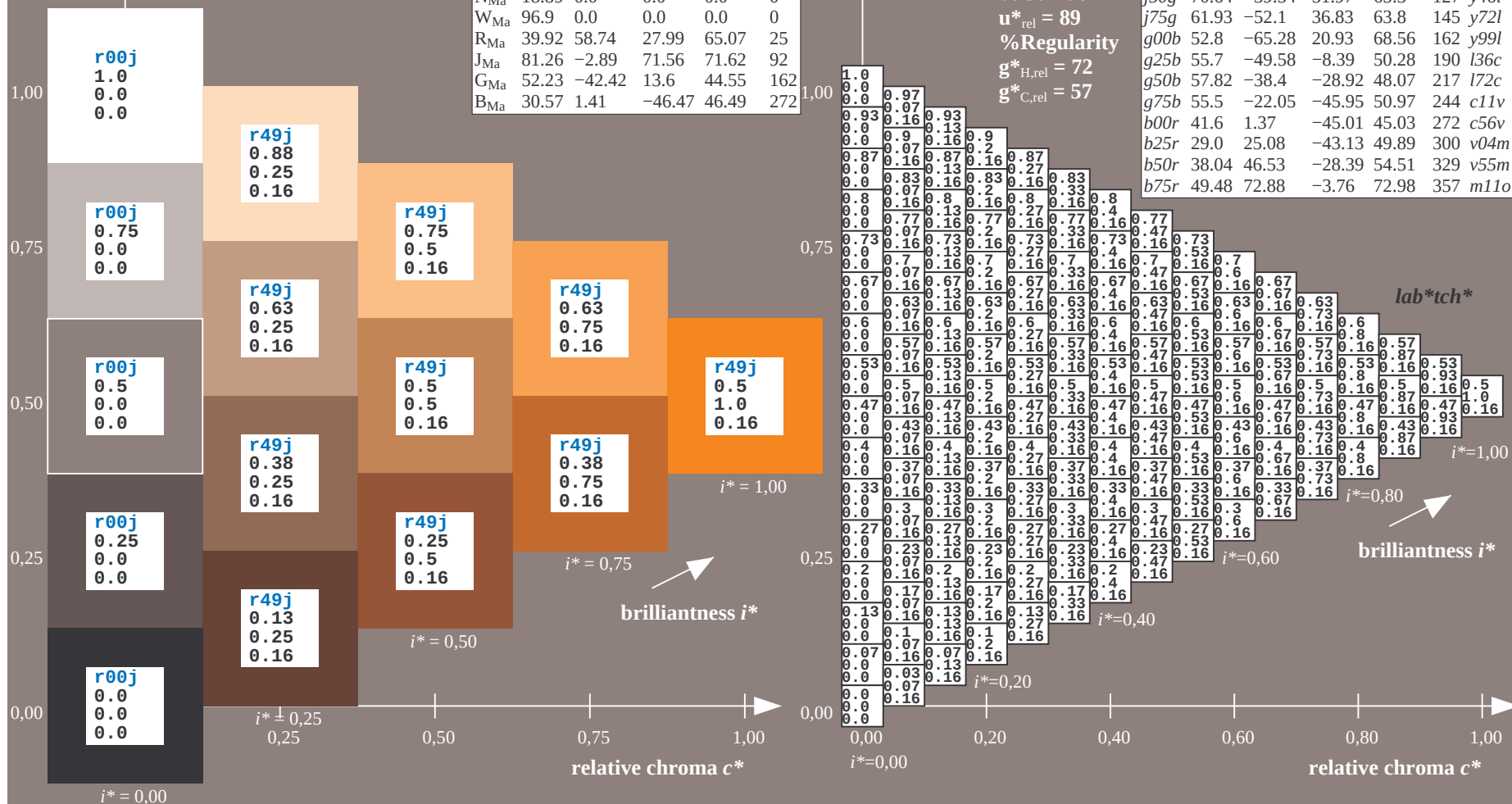
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

data for any colour:

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

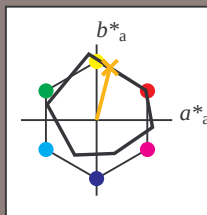
Hue texts:

$u^*_e = r75j$ $u^*_d = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

$LAB^*LCH^*_{Ma}$: 75 72 75

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

lab^*tch^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

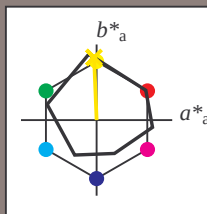
Hue texts:

$u^*_e = j00g$ $u^*_d = o92y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 87 -3 83$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 87 83 92$

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}: 1.0 0.93 0.0$

triangle lightness t^*

% Gamut

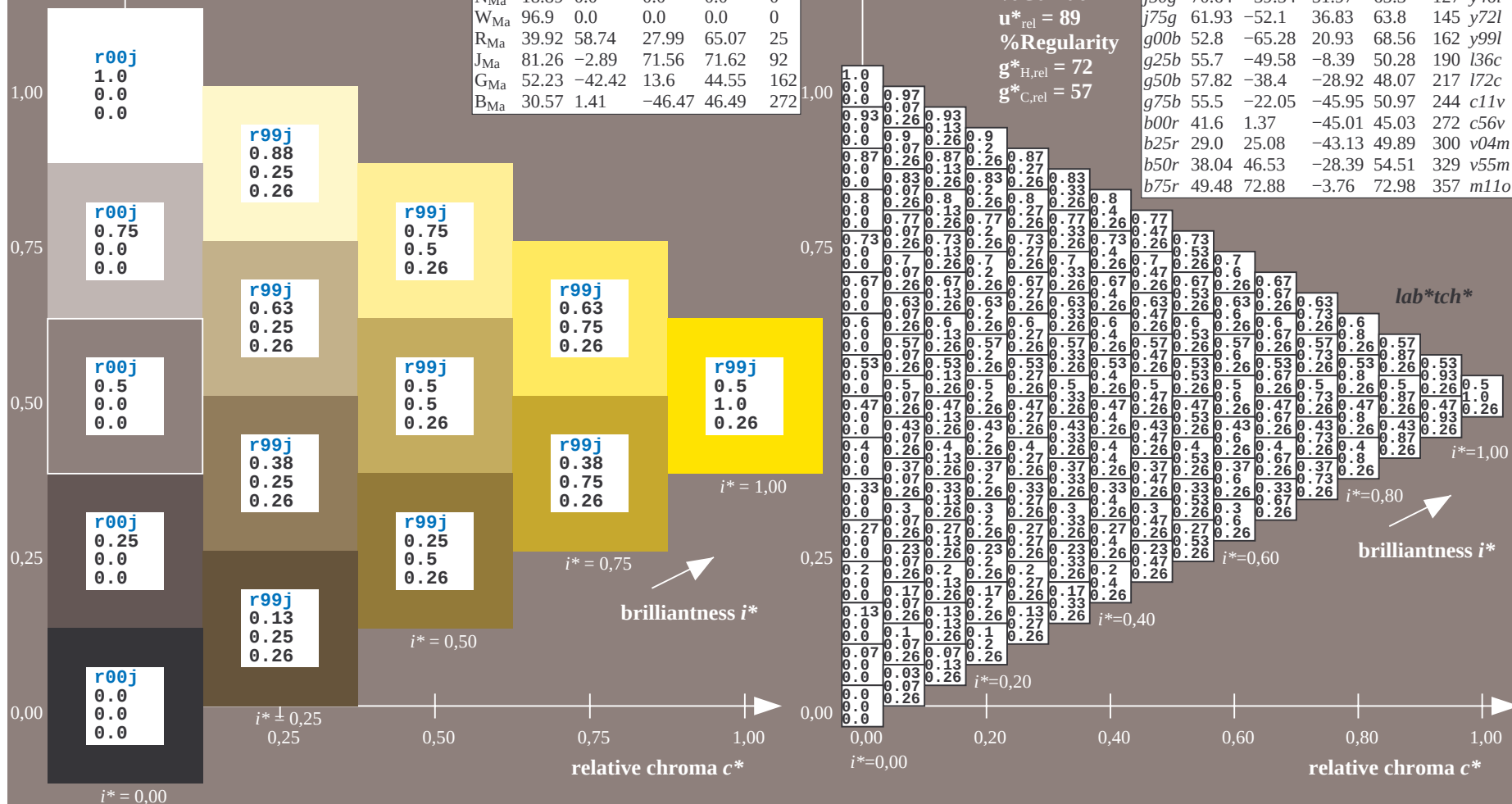
$u^*_{\text{rel}} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

data for any colour:

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

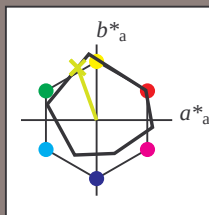
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

% Gamut

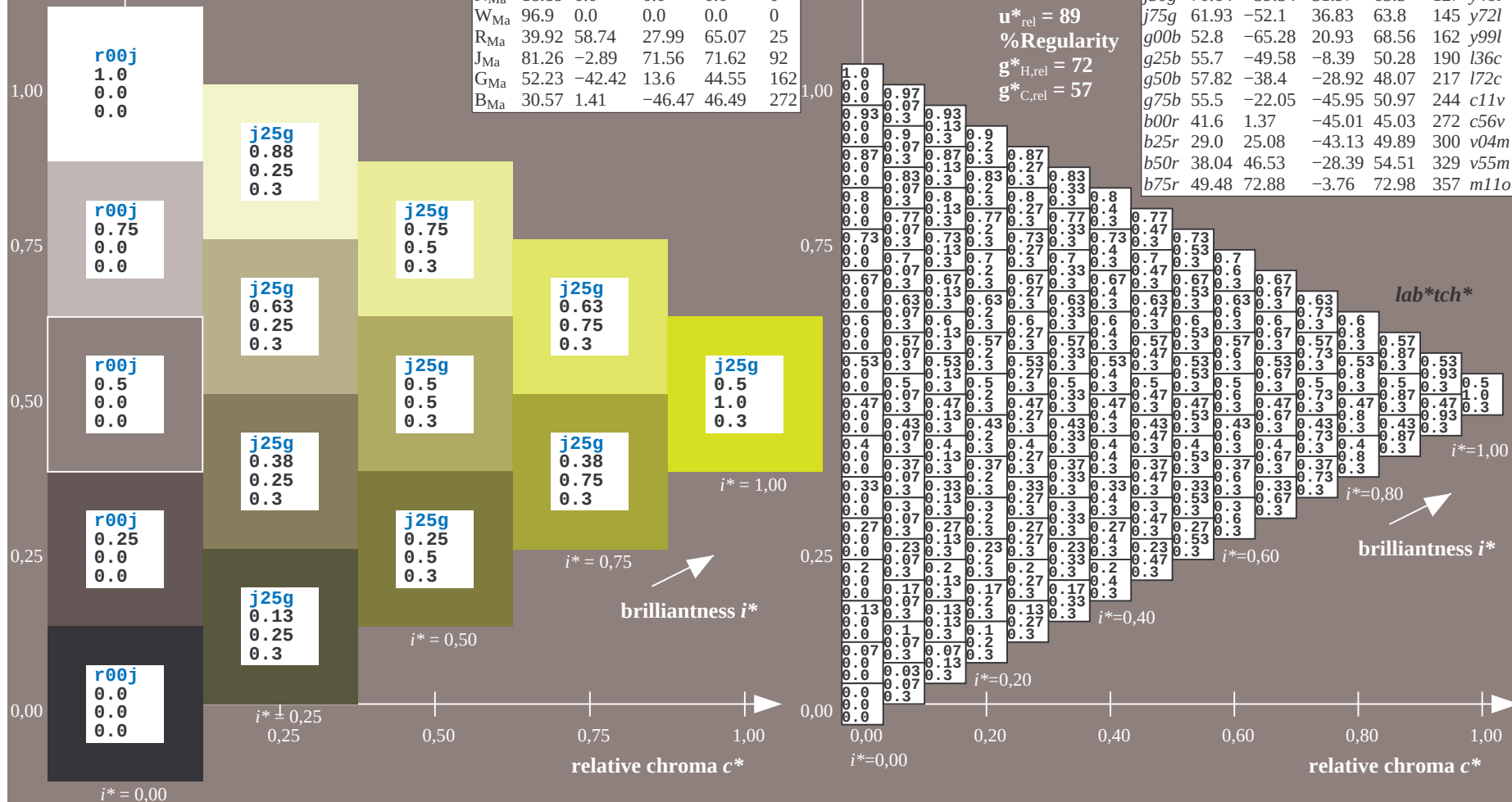
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

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

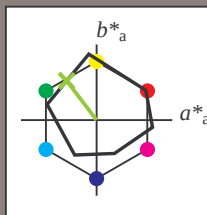
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -40 52

$LAB^*LCH^*_{Ma}$: 71 65 127

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

$lab^*olv^*_{Ma}$: 0.54 1.0 0.0

triangle lightness t^*

% Gamut

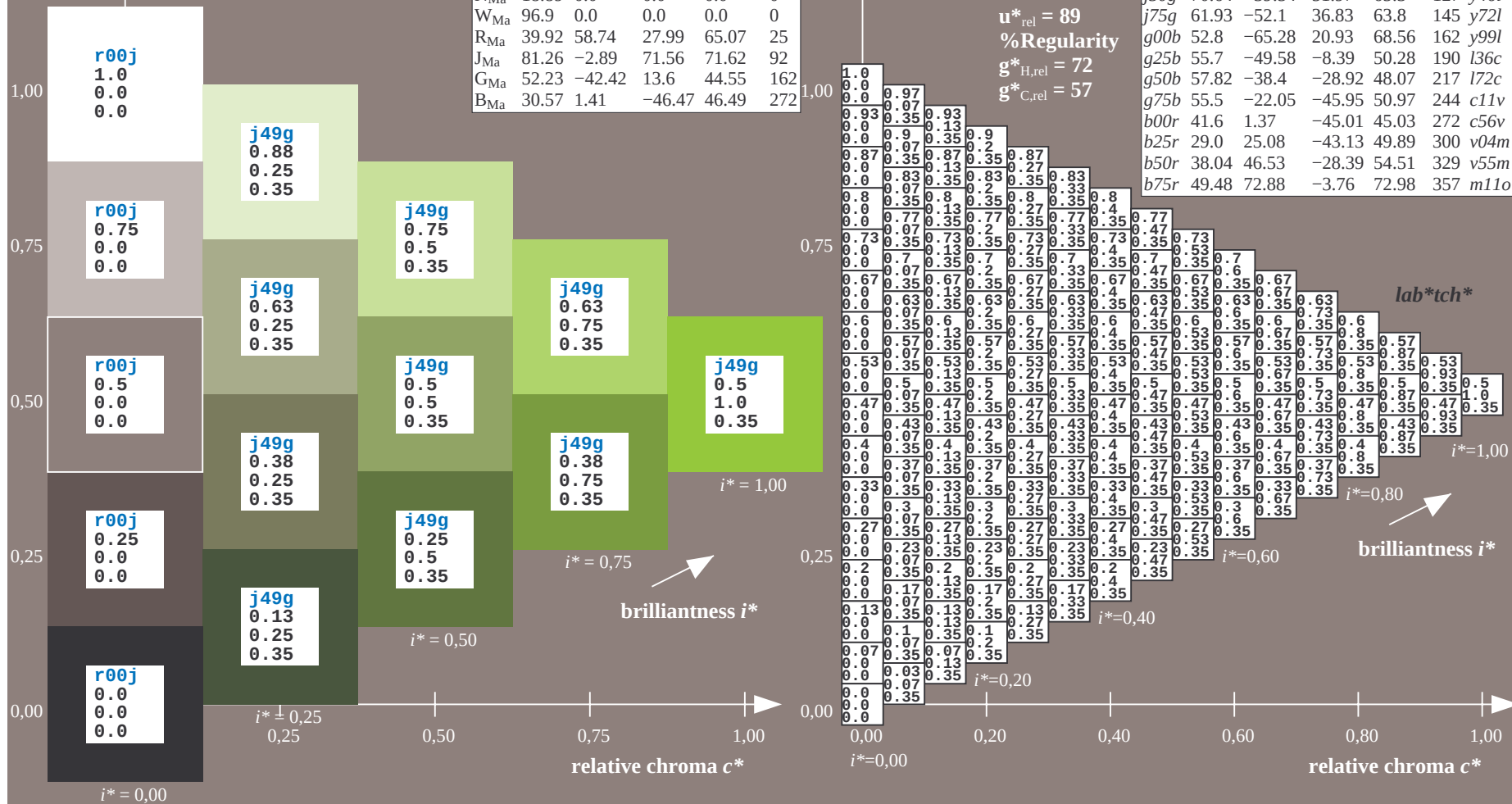
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

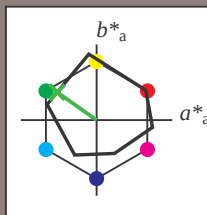
Hue texts:

$u_e^* = j75g$ $u_d^* = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 62 -52 37

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 62 64 144

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 0.27 1.0 0.0

triangle lightness t^*

% Gamut

$u_{\text{rel}}^* = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

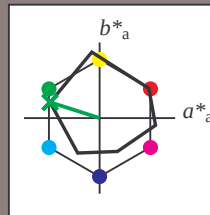
$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

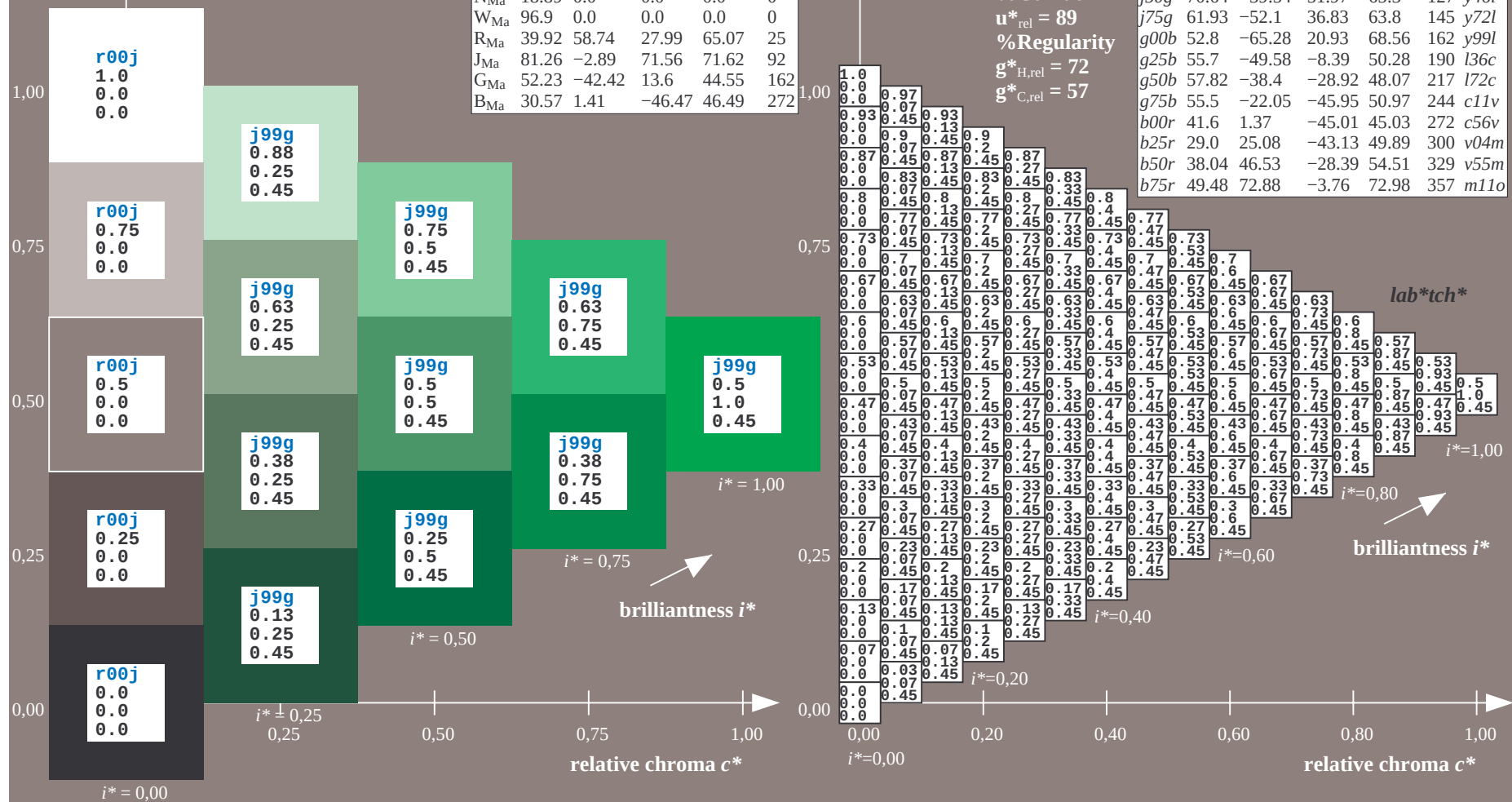
*u*_e = g00b
lab*tch**

triangle lightness t^* 

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

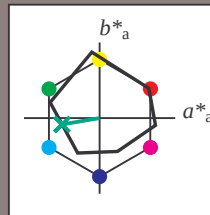
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>	
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>	
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>	
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>	
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>	
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>	
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>	
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>	
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>	
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>	
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>	
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>	
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>	
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>	
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>	
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.527$
 data for any colour:

lab^*tch^* and lab^*icu^*
 Hue texts:
 $u_e^* = g25b$ $u_d^* = l36c$
 contrast reduction factor:
 $c_R = 1.0$
 triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 56 -50 -8

$\text{LAB}^*\text{LCH}^*_{Ma}$: 56 50 189

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

$\text{lab}^*\text{olv}^*_{Ma}$: 0.0 1.0 0.36

triangle lightness t^*

% Gamut

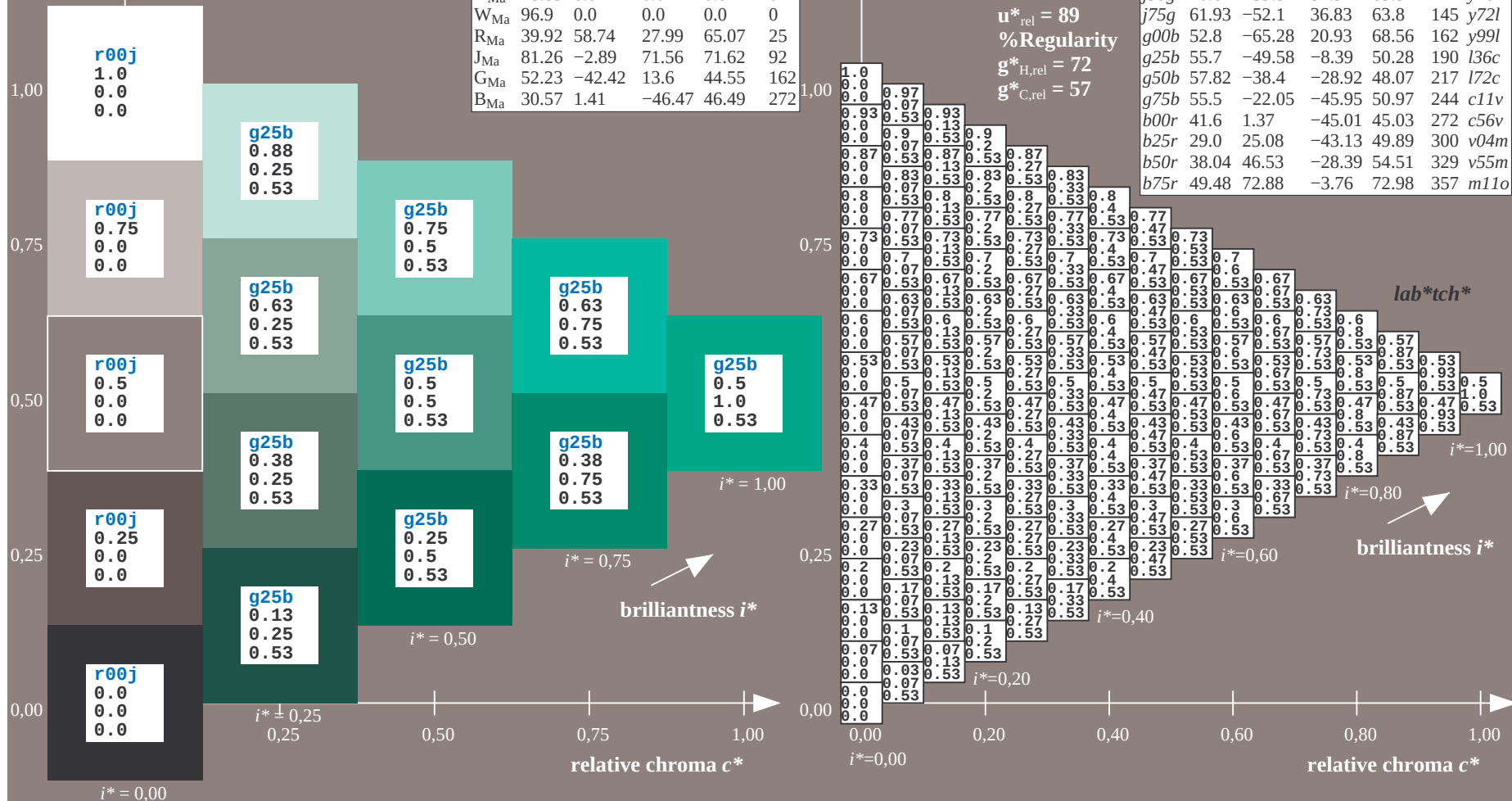
$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

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

ORS19_96a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.603$

data for any colour:

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

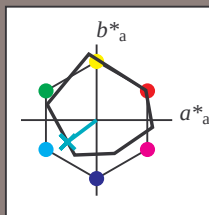
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 58 -38 -29

$\text{LAB}^*\text{LCH}^*_{Ma}$: 58 48 216

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

$\text{lab}^*\text{olv}^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

data for any colour:

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

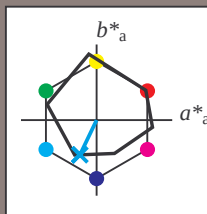
Hue texts:

$u^*_e = g75b$ $u^*_d = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -22 -46

$LAB^*LCH^*_{Ma}$: 55 51 244

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

$lab^*olv^*_{Ma}$: 0.0 0.89 1.0

triangle lightness t^*

% Gamut

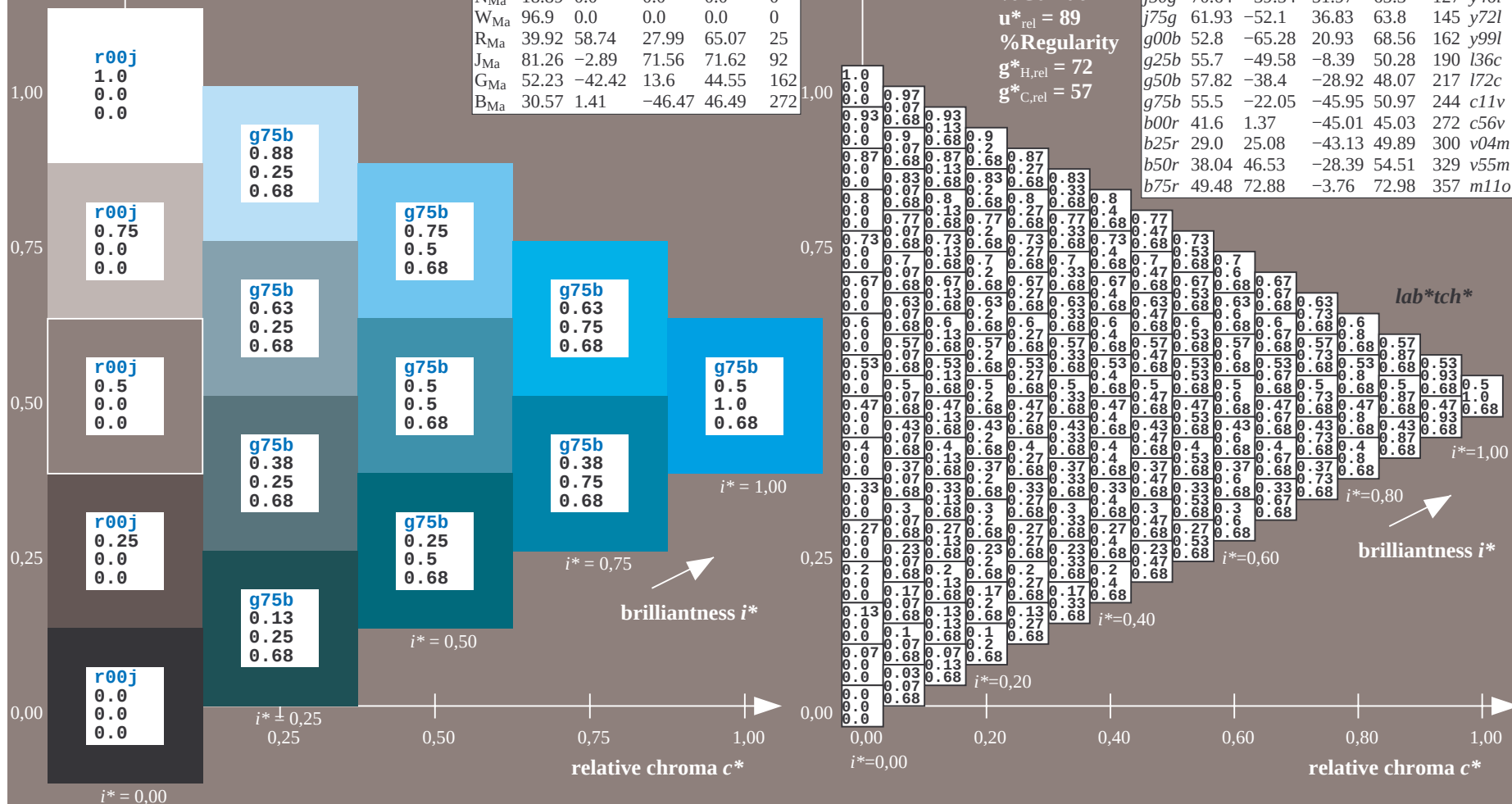
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

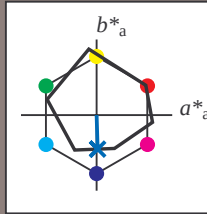
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

$LAB^*LCH^*_{Ma}$: 42 45 271

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

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

% Gamut

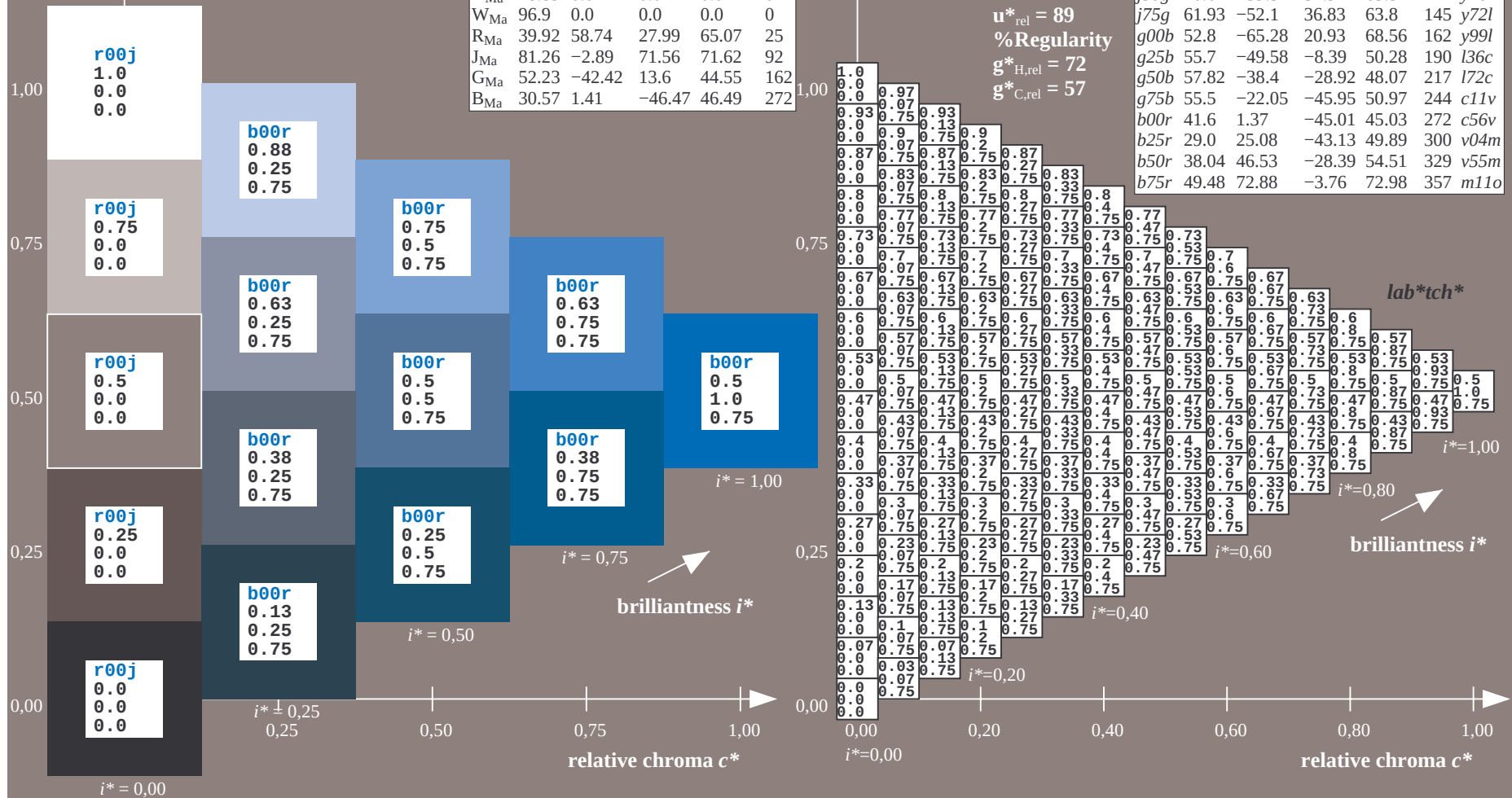
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

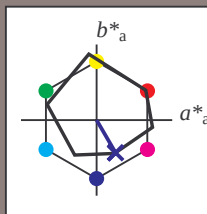
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 25 -43

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.04 0.0 1.0

triangle lightness t^*

% Gamut

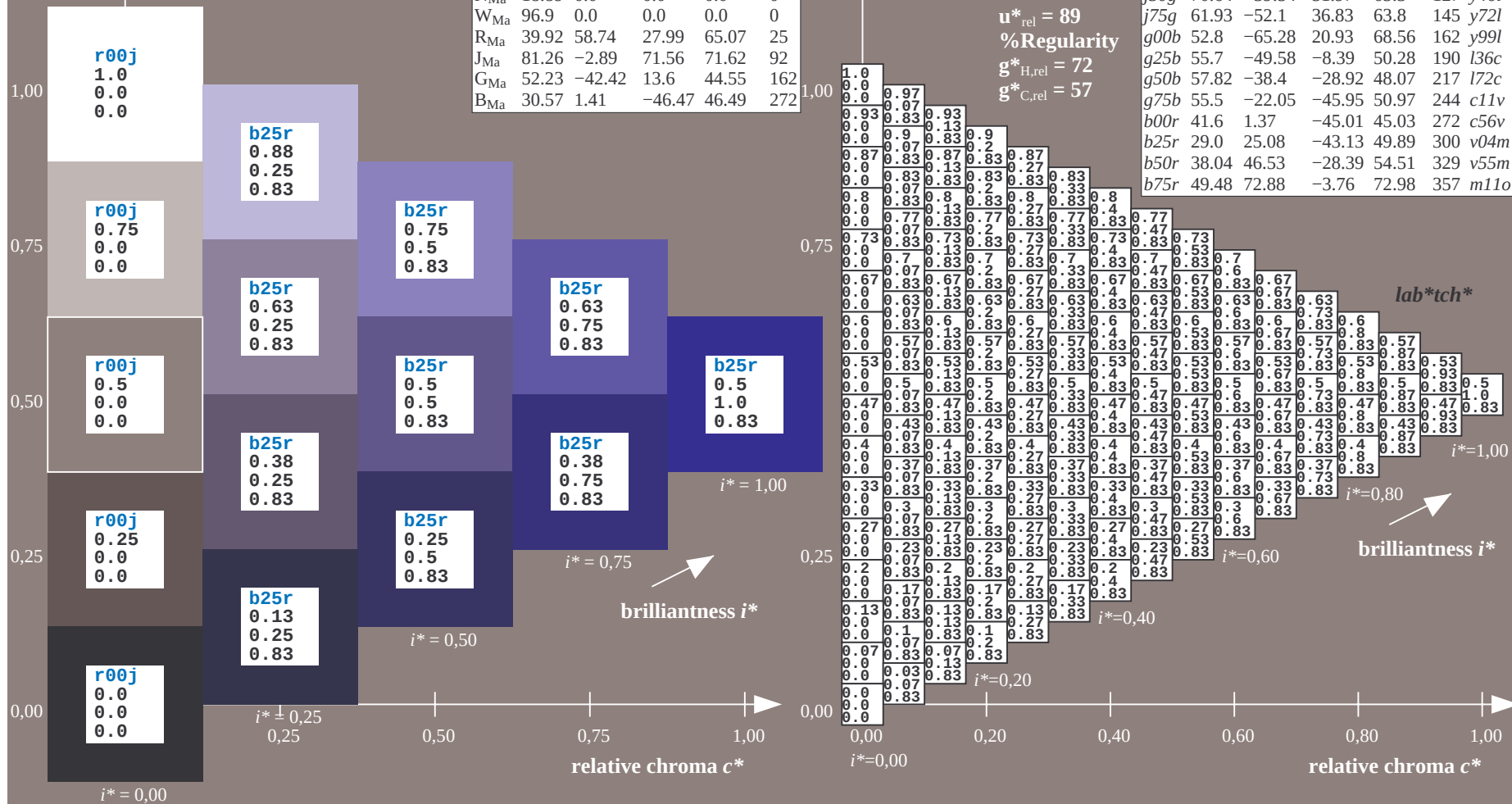
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

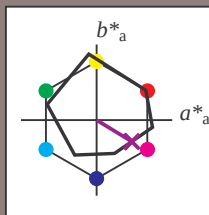
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

$LAB^*LCH^*_{Ma}$: 38 55 328

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

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

triangle lightness t^*

% Gamut

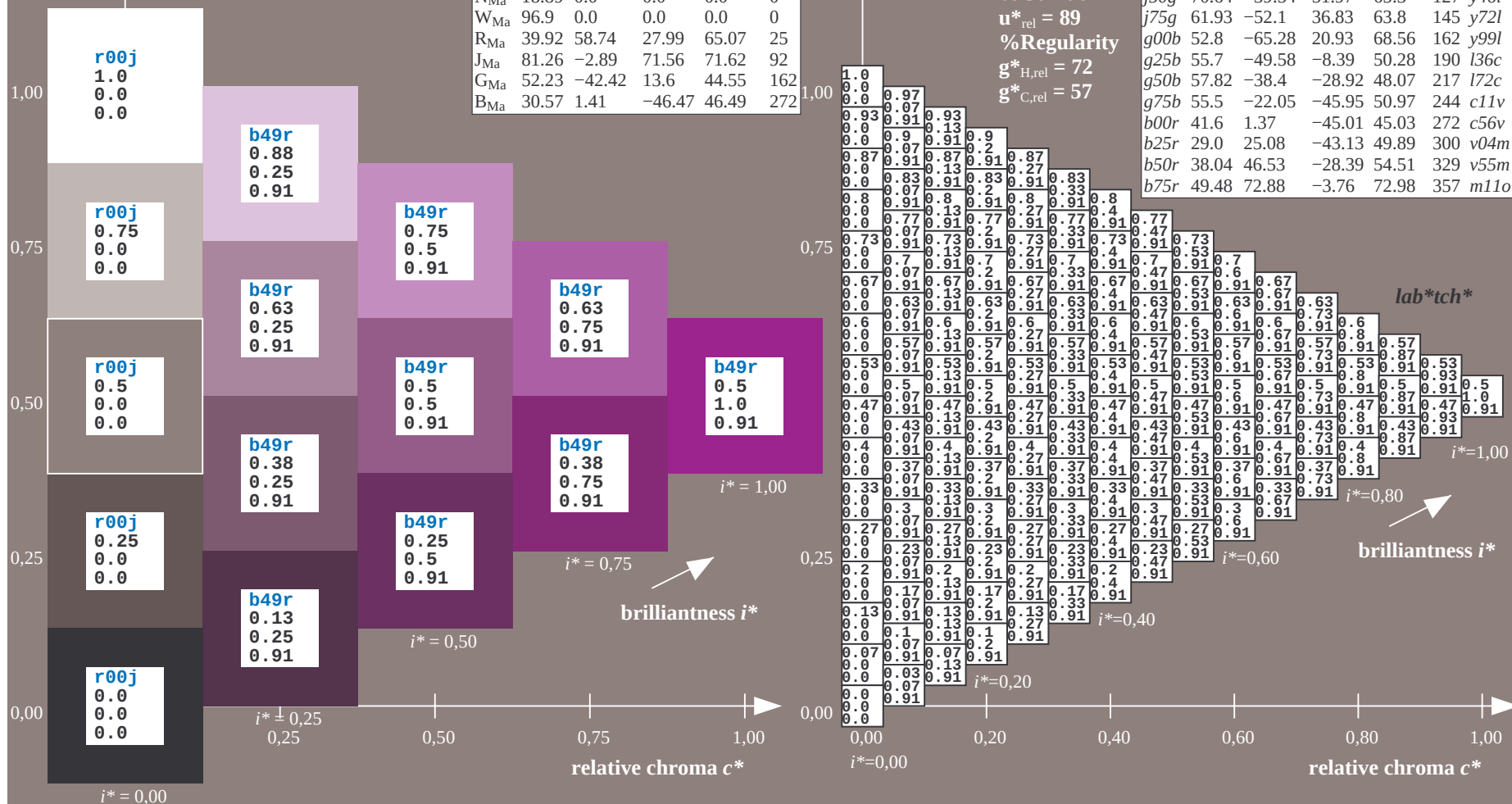
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.992$

data for any colour:

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

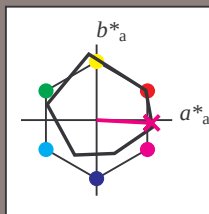
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 49 \ 73 \ -4$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 49 \ 73 \ 357$

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}: 1.0 \ 0.0 \ 0.89$

triangle lightness t^*

% Gamut

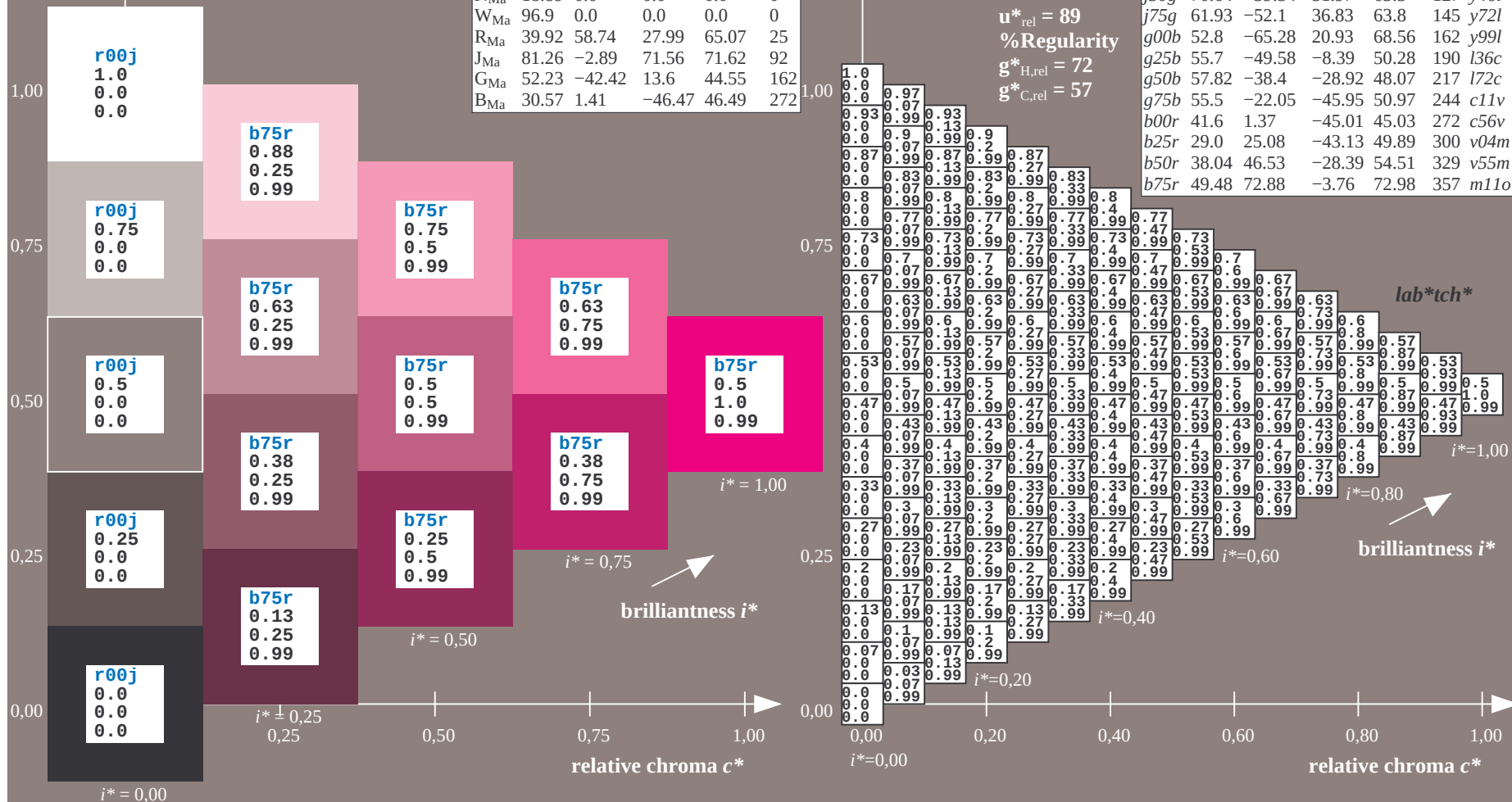
$u^*_{\text{rel}} = 89$

% Regularity

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

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

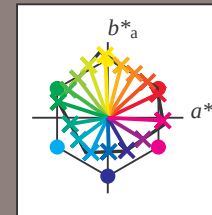
ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*tch*												
01	0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.0	0.0	0.0	0.0										
02	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0										
03	0.0	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.09	0.27	0.36	0.39	0.41	0.41	0.42	0.43	0.43	0.09	0.18	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.13								
04	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.13								
05	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
06	0.83	0.66	0.56	0.52	0.5	0.49	0.49	0.48	0.48	0.98	0.0	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.03	0.09	0.27	0.36	0.39	0.41	0.41	0.42	0.43	0.66	0.0	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09								
07	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.25	0.25	0.25							
08	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.15	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
09	0.83	0.74	0.66	0.59	0.56	0.54	0.52	0.51	0.5	0.9	0.83	0.66	0.56	0.52	0.5	0.49	0.49	0.48	0.98	0.98	0.0	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.66	0.66	0.0	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09						
10	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38					
11	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
12	0.83	0.77	0.72	0.66	0.61	0.58	0.56	0.54	0.53	0.88	0.83	0.74	0.66	0.59	0.56	0.54	0.52	0.51	0.93	0.9	0.83	0.66	0.56	0.52	0.5	0.49	0.49	0.66	0.66	0.0	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09					
13	0.25	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.25	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.63	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5					
14	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	0.5	0.38	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
15	0.83	0.79	0.74	0.7	0.66	0.62	0.59	0.57	0.56	0.87	0.83	0.77	0.72	0.66	0.61	0.58	0.56	0.54	0.9	0.88	0.83	0.74	0.66	0.59	0.56	0.54	0.52	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66				
16	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.31	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38			
17	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.83	0.79	0.76	0.73	0.69	0.66	0.63	0.65	0.6	0.86	0.83	0.79	0.74	0.7	0.66	0.61	0.58	0.56	0.54	0.9	0.88	0.83	0.77	0.72	0.66	0.61	0.58	0.56	0.61	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66		
19	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44			
20	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
21	0.83	0.8	0.77	0.74	0.72	0.69	0.66	0.63	0.61	0.85	0.83	0.79	0.76	0.73	0.69	0.66	0.63	0.6	0.88	0.86	0.83	0.79	0.74	0.7	0.66	0.62	0.59	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
22	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44		
23	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88		
24	0.83	0.8	0.78	0.76	0.73	0.71	0.68	0.66	0.63	0.65	0.63	0.6	0.58	0.56	0.54	0.52	0.51	0.5	0.88	0.85	0.83	0.79	0.74	0.7	0.66	0.62	0.59	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
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	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
26	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19		
27	0.09	0.15	0.21	0.27	0.31	0.34	0.36	0.37	0.38	0.09	0.13	0.18	0.22	0.27	0.31	0.33	0.35	0.36	0.09	0.12	0.16	0.2	0.23	0.27	0.3	0.32	0.34	0.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	
28	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
29	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	0.5	0.38	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
30	0.05	0.09	0.18	0.27	0.33	0.36	0.38	0.39	0.4	0.06	0																																							

Input and output:
 Colorimetric Printer Reflective System ORS19_96a
 data for any colour:
 u_e^* and number *no.* = 00 .. 15
 elementary hue text:
 $u_e^* = 16$ hues *r00j*, *r25j*, ..., *b75r*
 contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



%Gamut

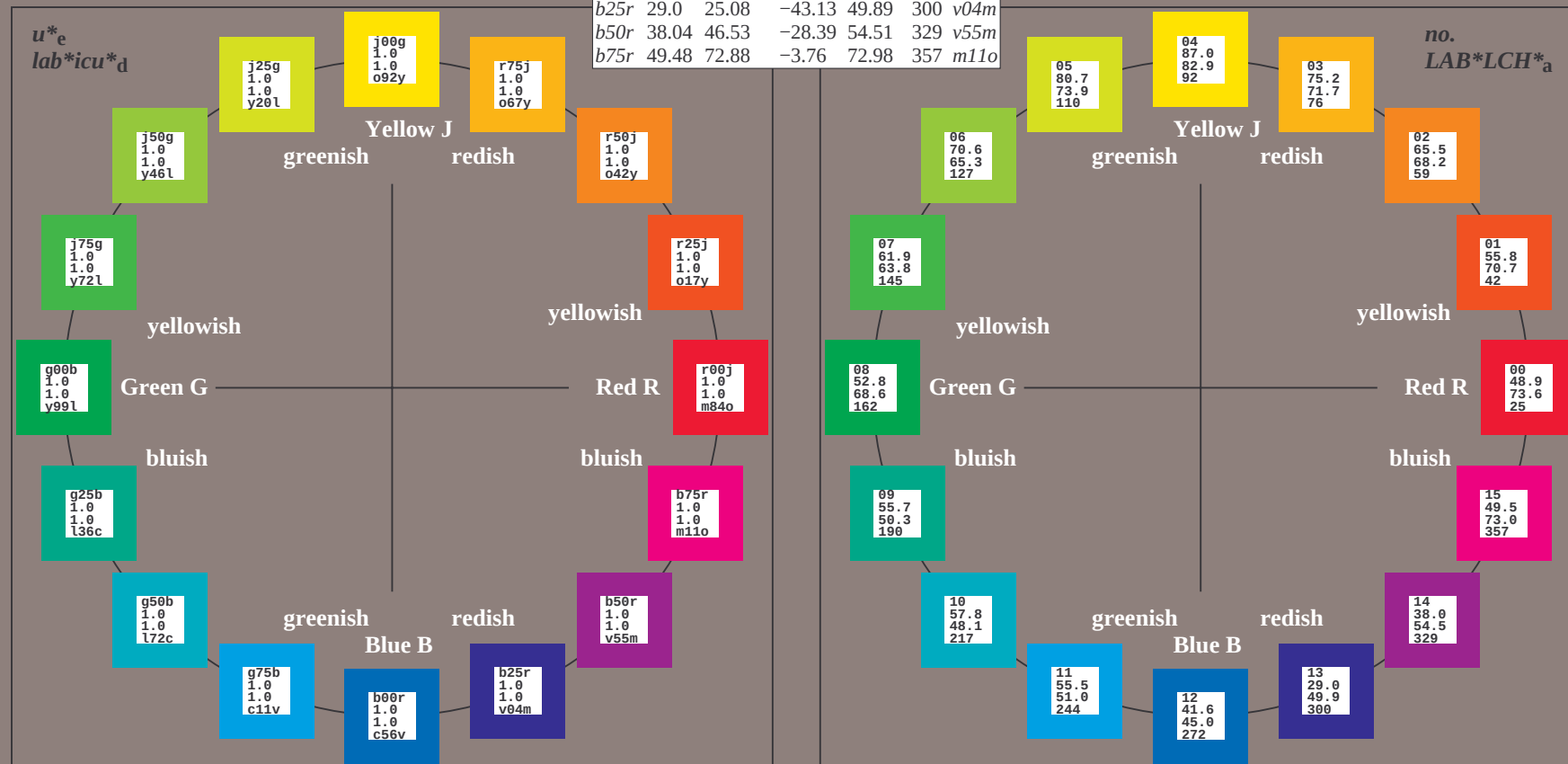
$u_{rel}^* = 89$

%Regularity

$g_{H,rel}^* = 72$

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

ORS19_96a; adapted (a) CIELAB data					
Name	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.29	87.24	87.85	97
L _{Ma}	52.69	-65.44	20.75	68.65	162
C _{Ma}	59.61	-28.98	-46.22	54.56	238
V _{Ma}	28.39	23.63	-44.13	50.06	298
M _{Ma}	49.58	73.93	-9.56	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

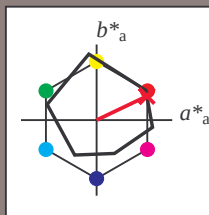
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 66 32

$LAB^*LCH^*_{Ma}$: 49 74 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.15

triangle lightness t^*

% Gamut

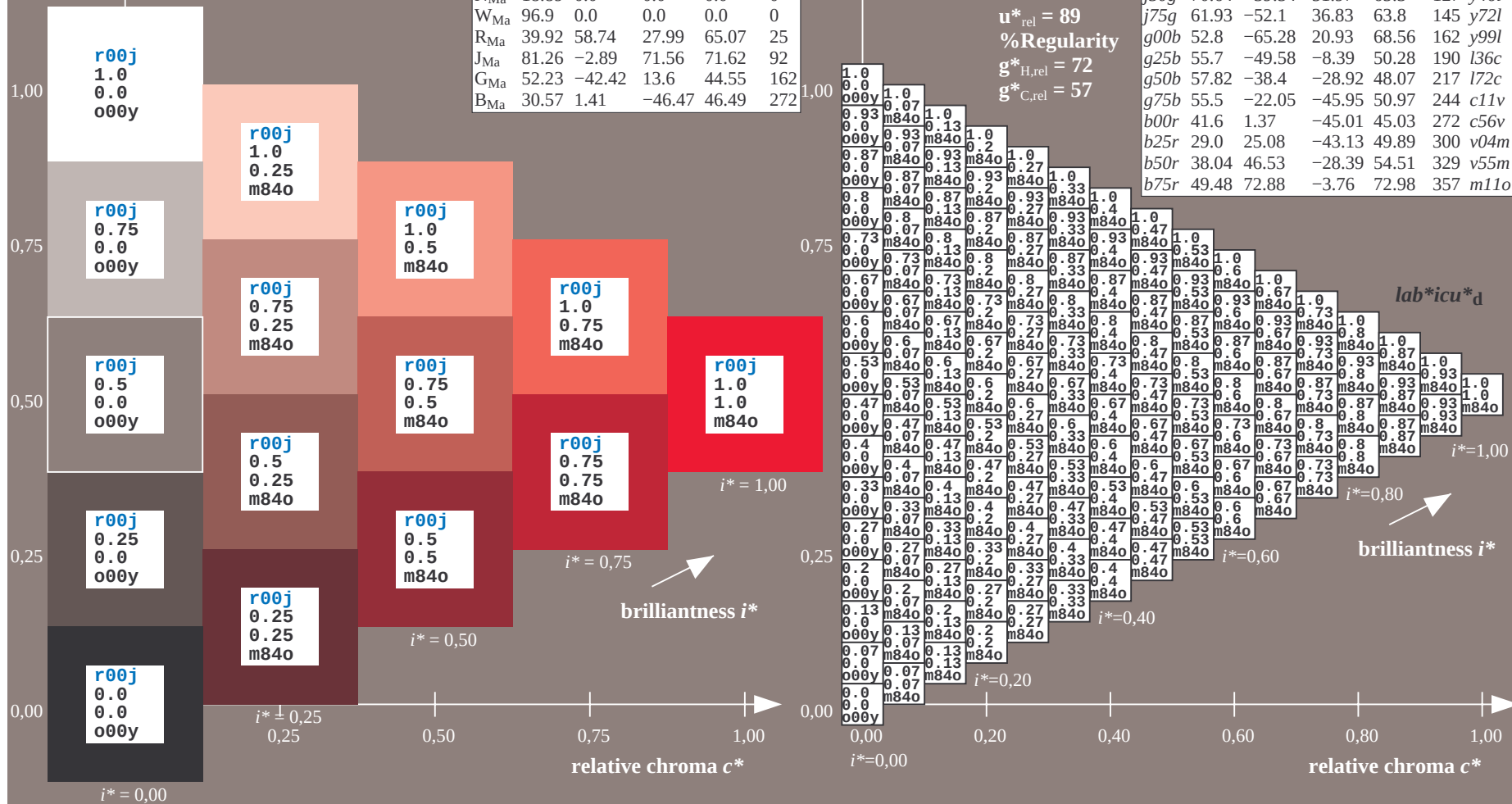
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$

data for any colour:

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

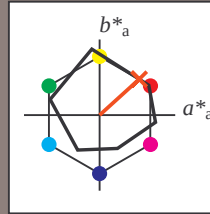
Hue texts:

$u^*_e = r25j$ $u^*_d = o17y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 52 47

$LAB^*LCH^*_{Ma}$: 56 71 42

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

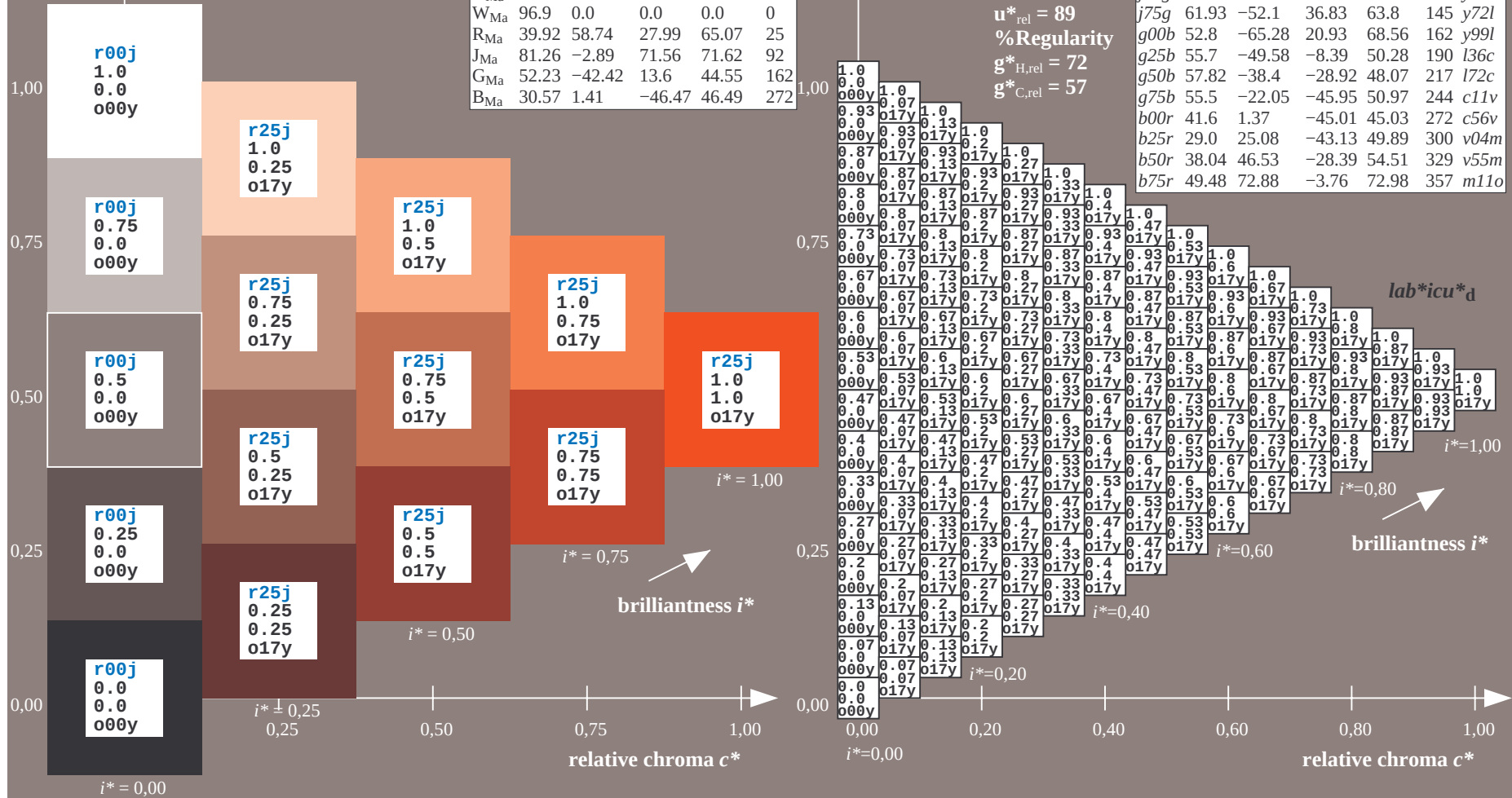
$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

$lab^*icu^*_d$

$i^*=1.00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$

data for any colour:

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

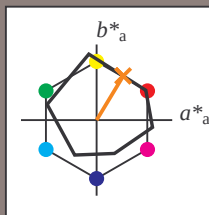
Hue texts:

$u^*_e = r50j$ $u^*_d = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 35 58

$LAB^*LCH^*_{Ma}$: 65 68 58

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

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

triangle lightness t^*

% Gamut

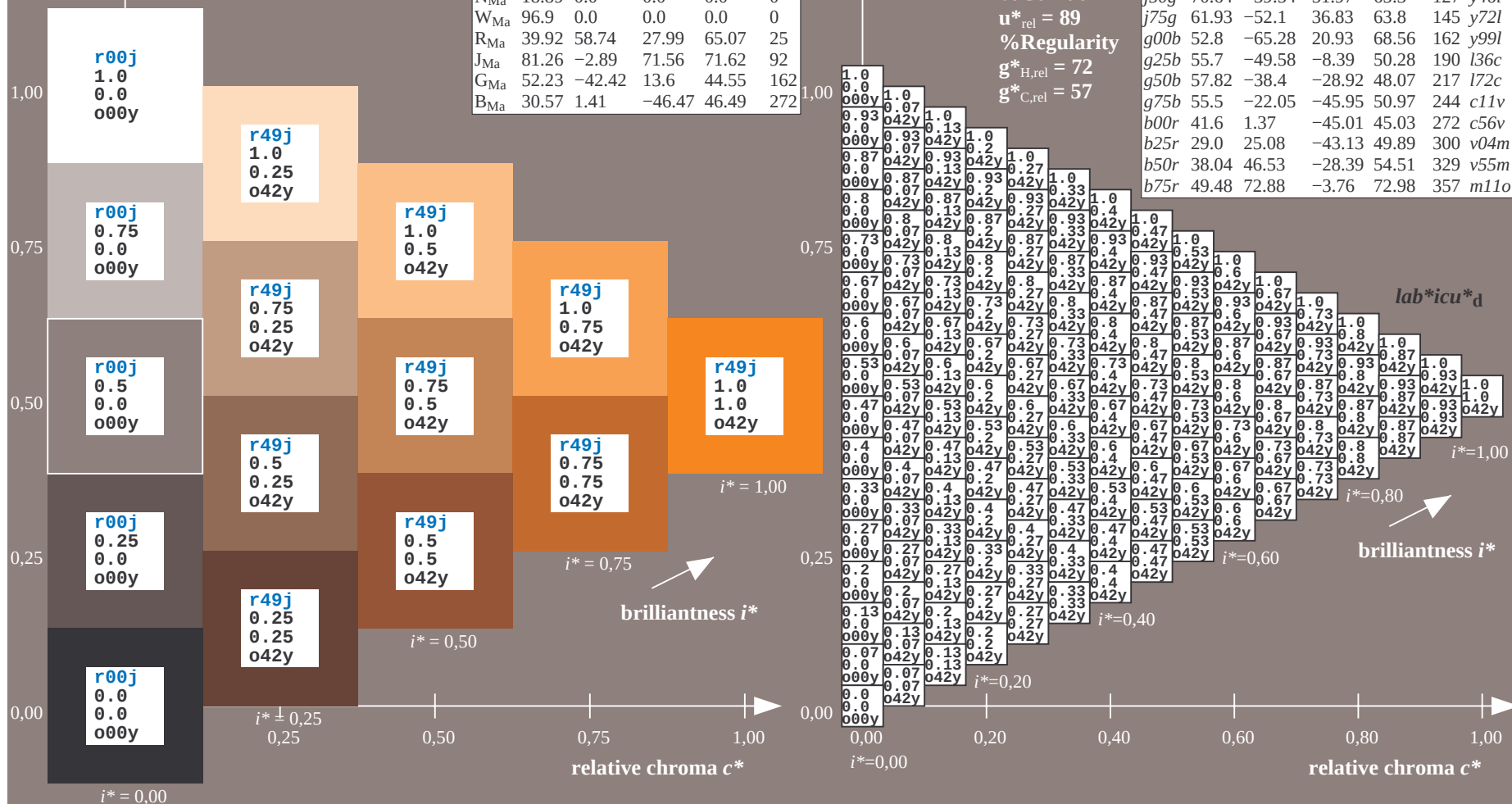
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

data for any colour:

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

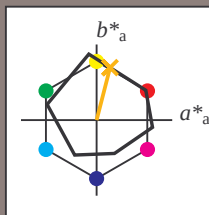
Hue texts:

$u^*_e = r75j$ $u^*_d = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

$LAB^*LCH^*_{Ma}$: 75 72 75

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

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

triangle lightness t^*

%Gamut

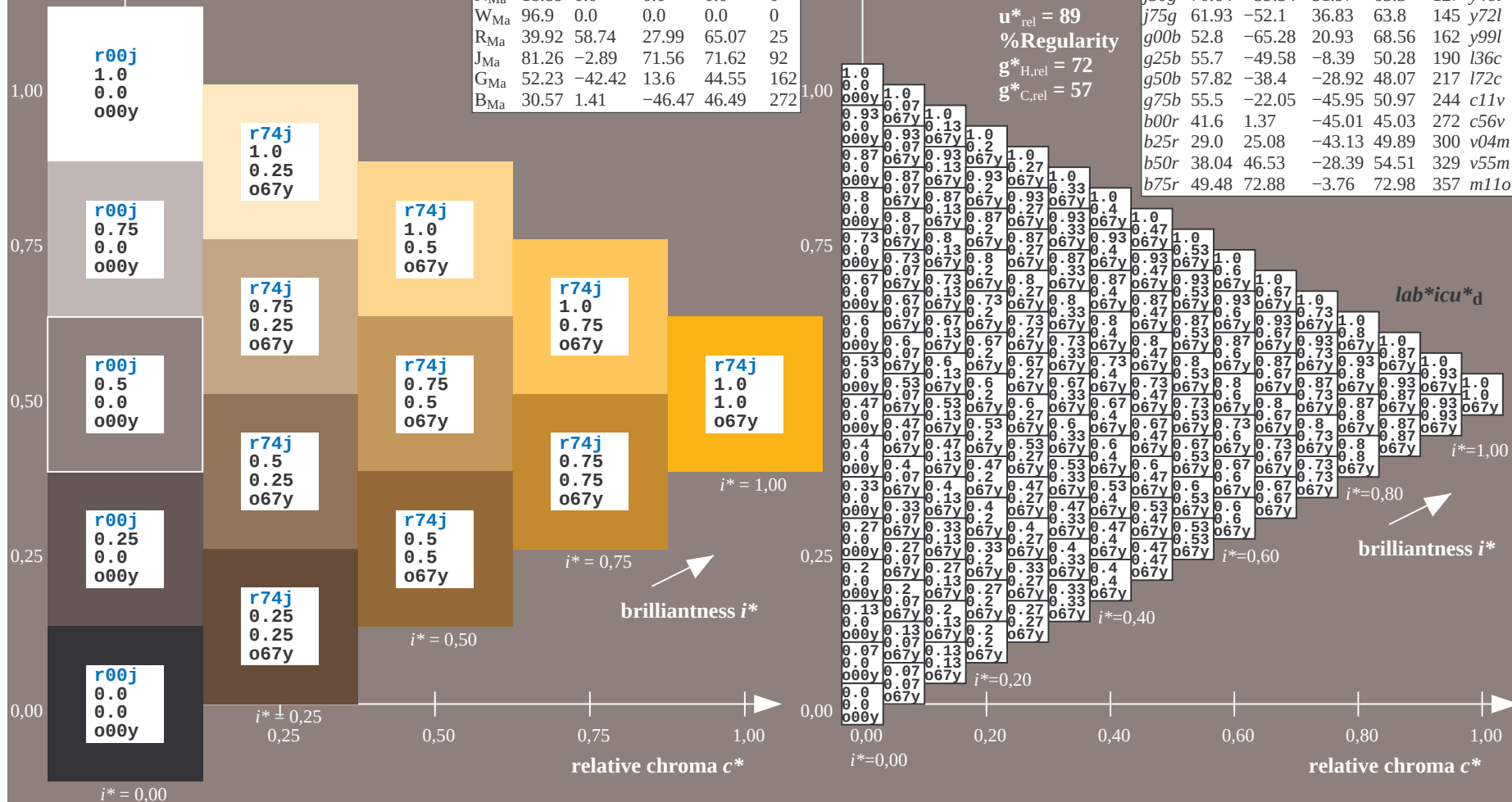
$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

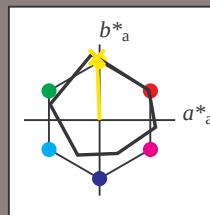
Hue texts:

$u_e^* = j00g$ $u_d^* = o92y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -3 83

$LAB^*LCH^*_{Ma}$: 87 83 92

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

$lab^*olv^*_{Ma}$: 1.0 0.93 0.0

triangle lightness t^*

% Gamut

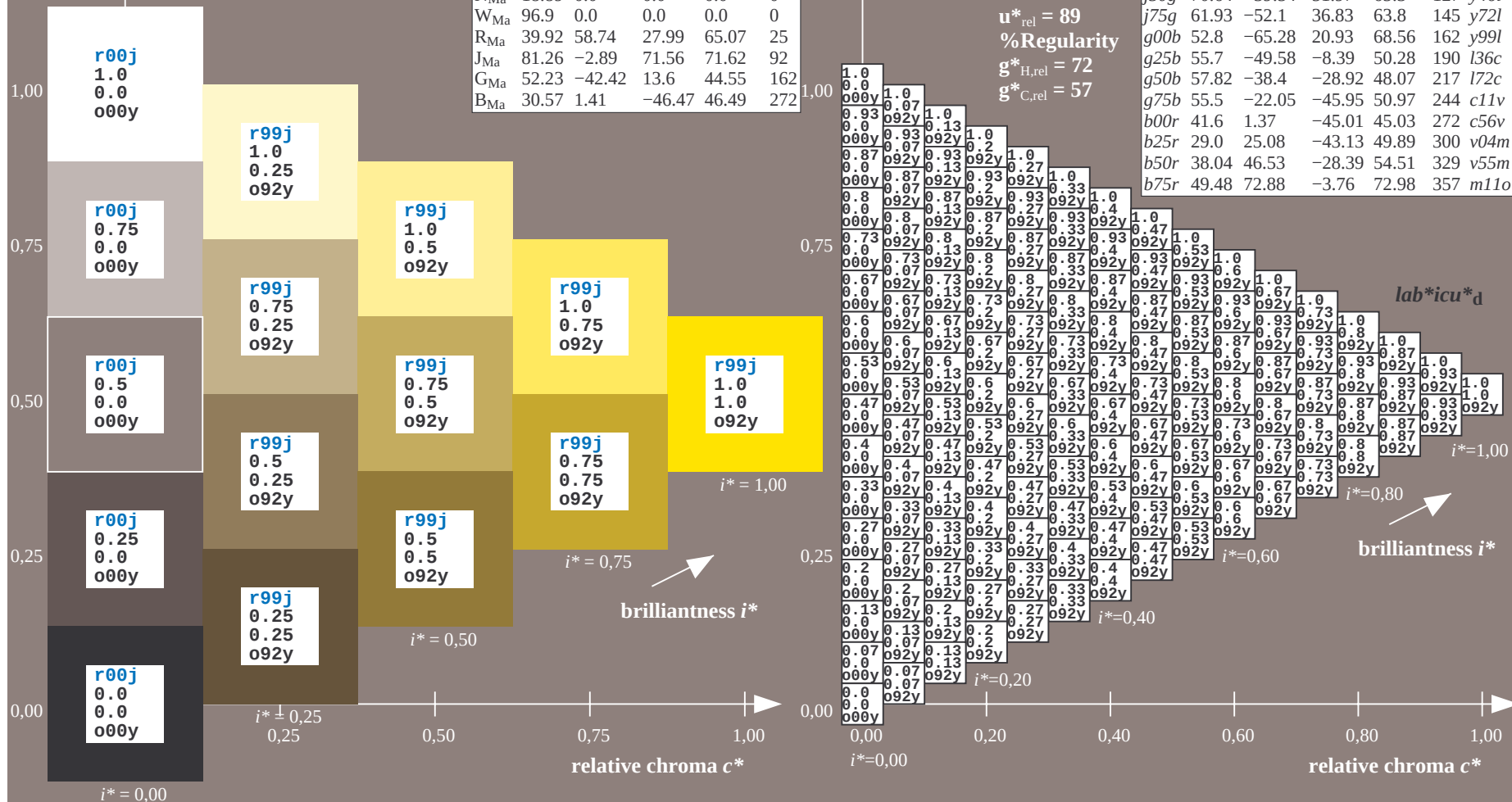
$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

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

ORS19_96a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

data for any colour:

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

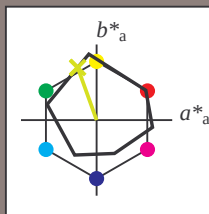
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

% Gamut

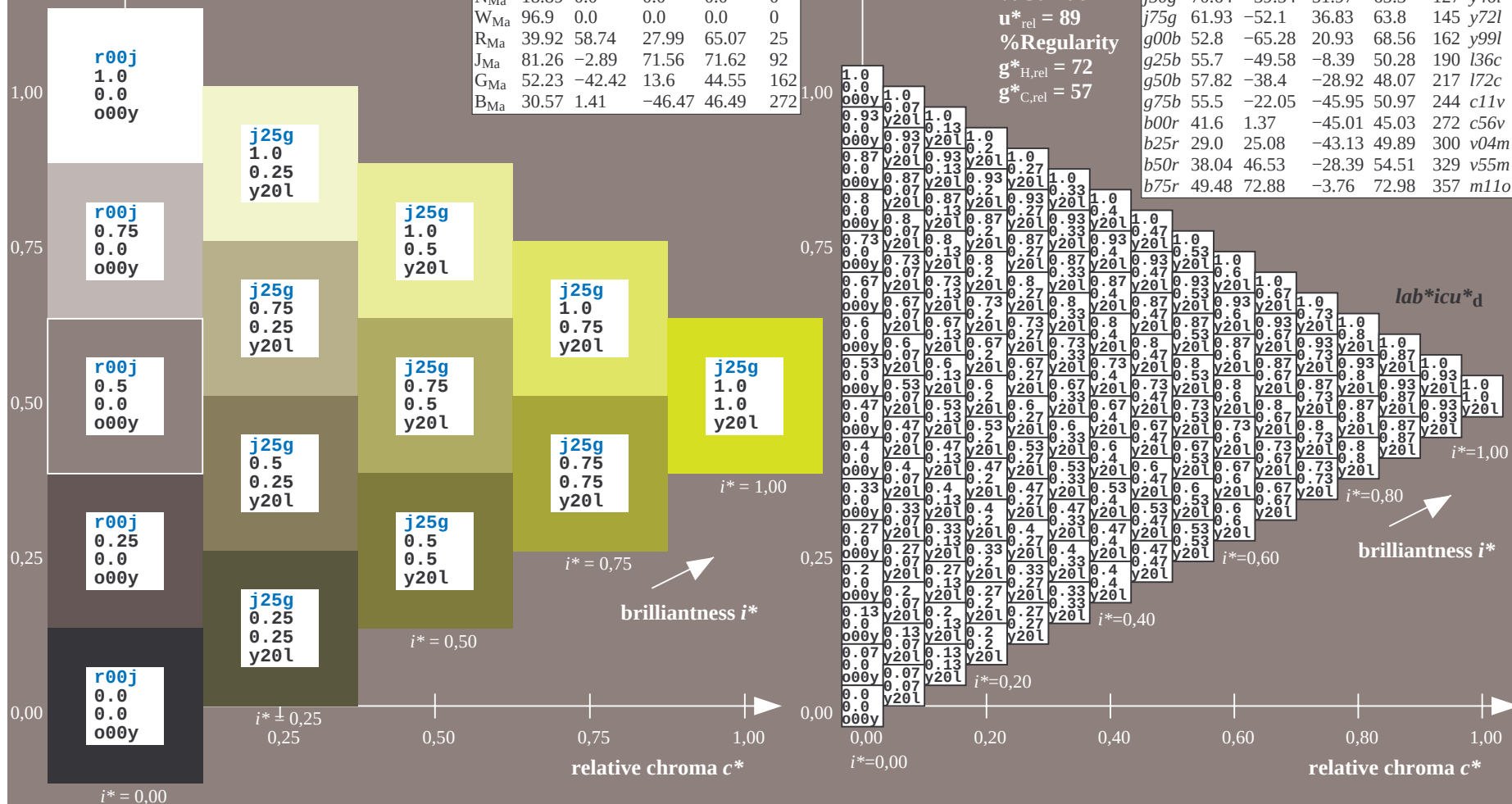
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

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

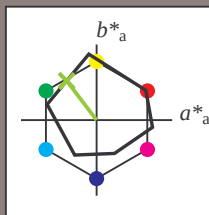
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -40 52

$LAB^*LCH^*_{Ma}$: 71 65 127

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

$lab^*olv^*_{Ma}$: 0.54 1.0 0.0

triangle lightness t^*

% Gamut

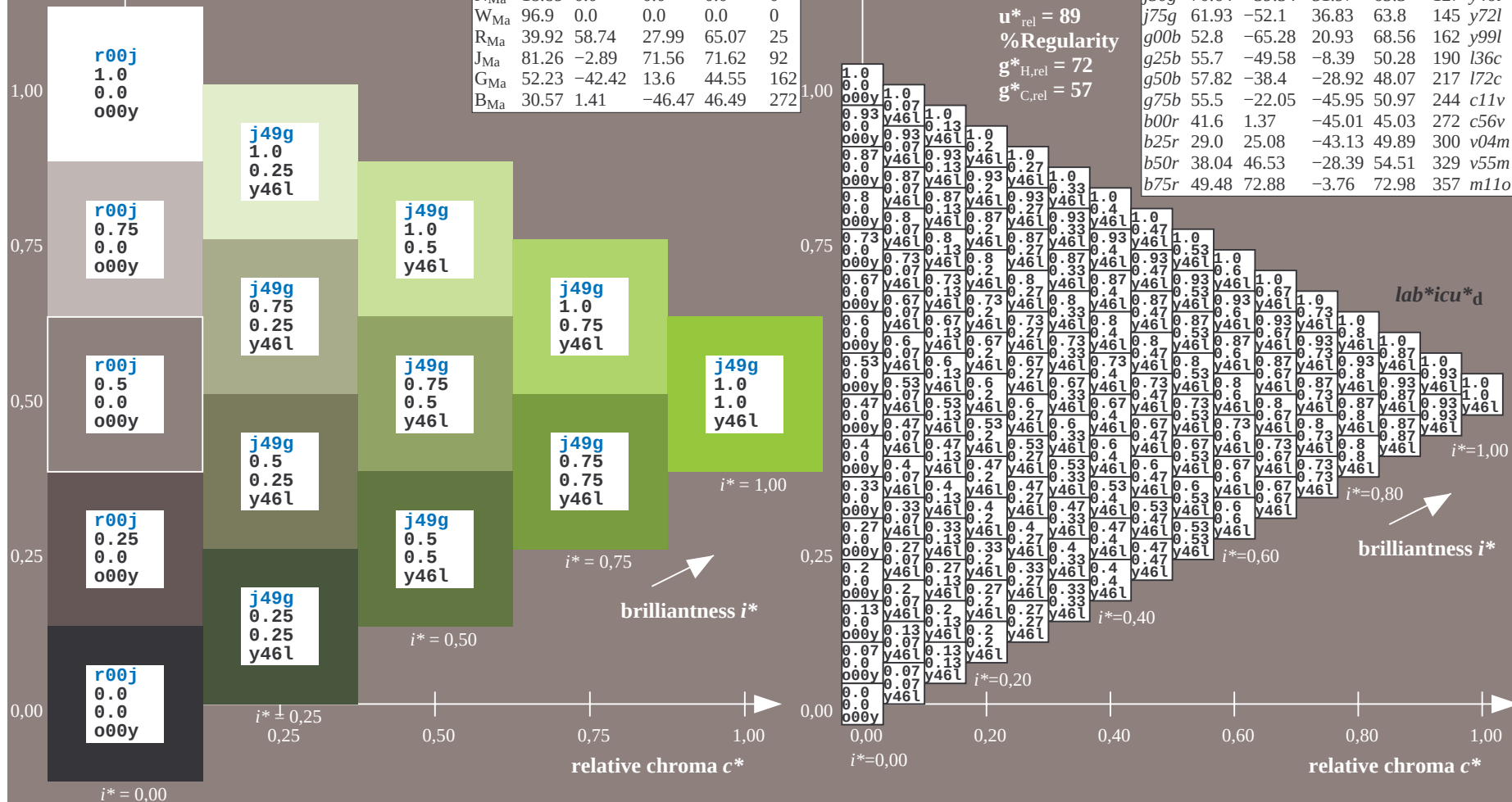
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

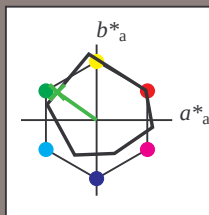
Hue texts:

$u^*_e = j75g$ $u^*_d = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -52 37

$LAB^*LCH^*_{Ma}$: 62 64 144

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

$lab^*olv^*_{Ma}$: 0.27 1.0 0.0

triangle lightness t^*

% Gamut

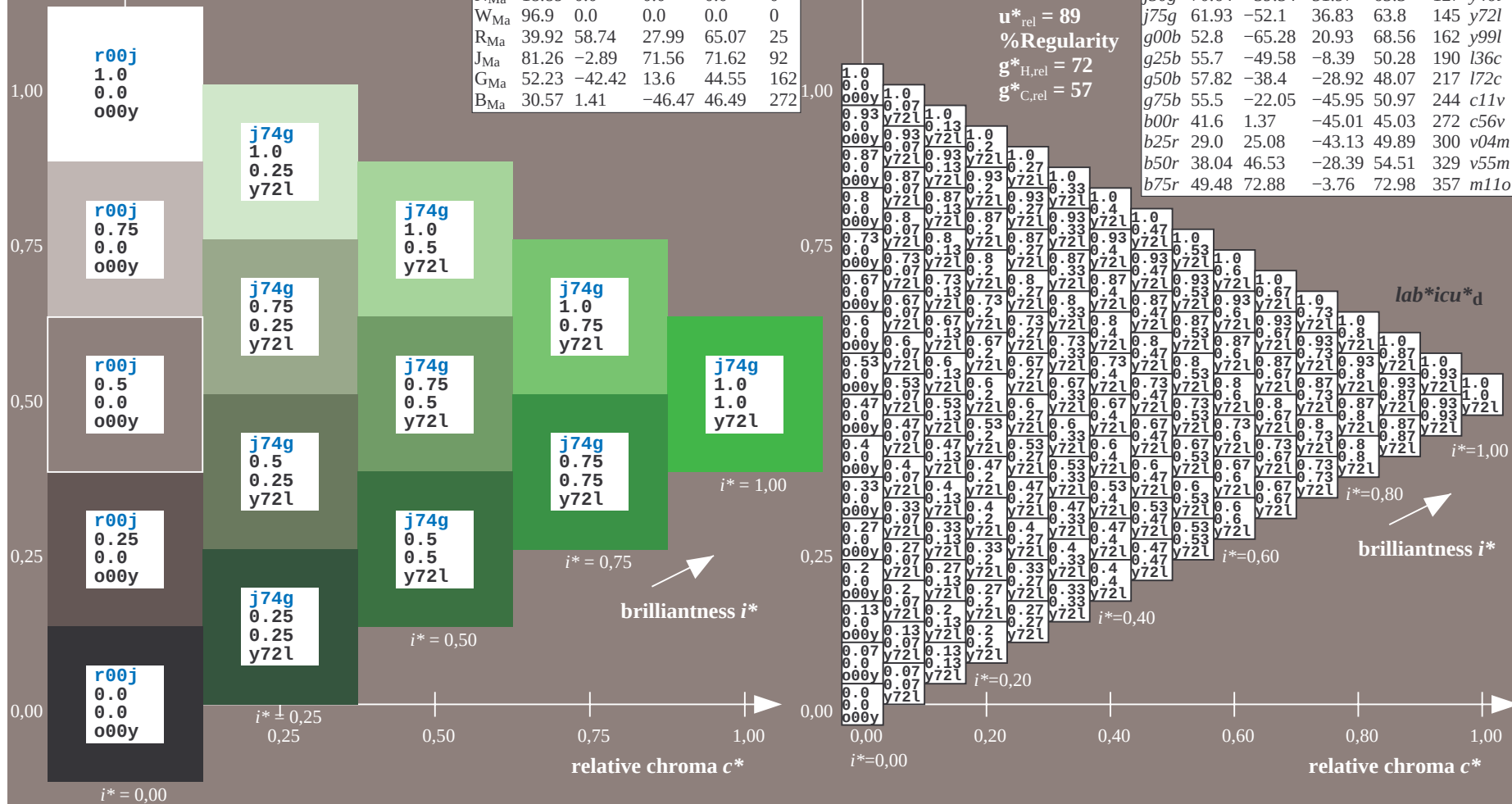
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.451$

data for any colour:

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

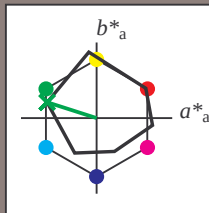
Hue texts:

$u^*_e = g00b$ $u^*_d = y99l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 53 -65 21$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 53 69 162$

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

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

triangle lightness t^*

% Gamut

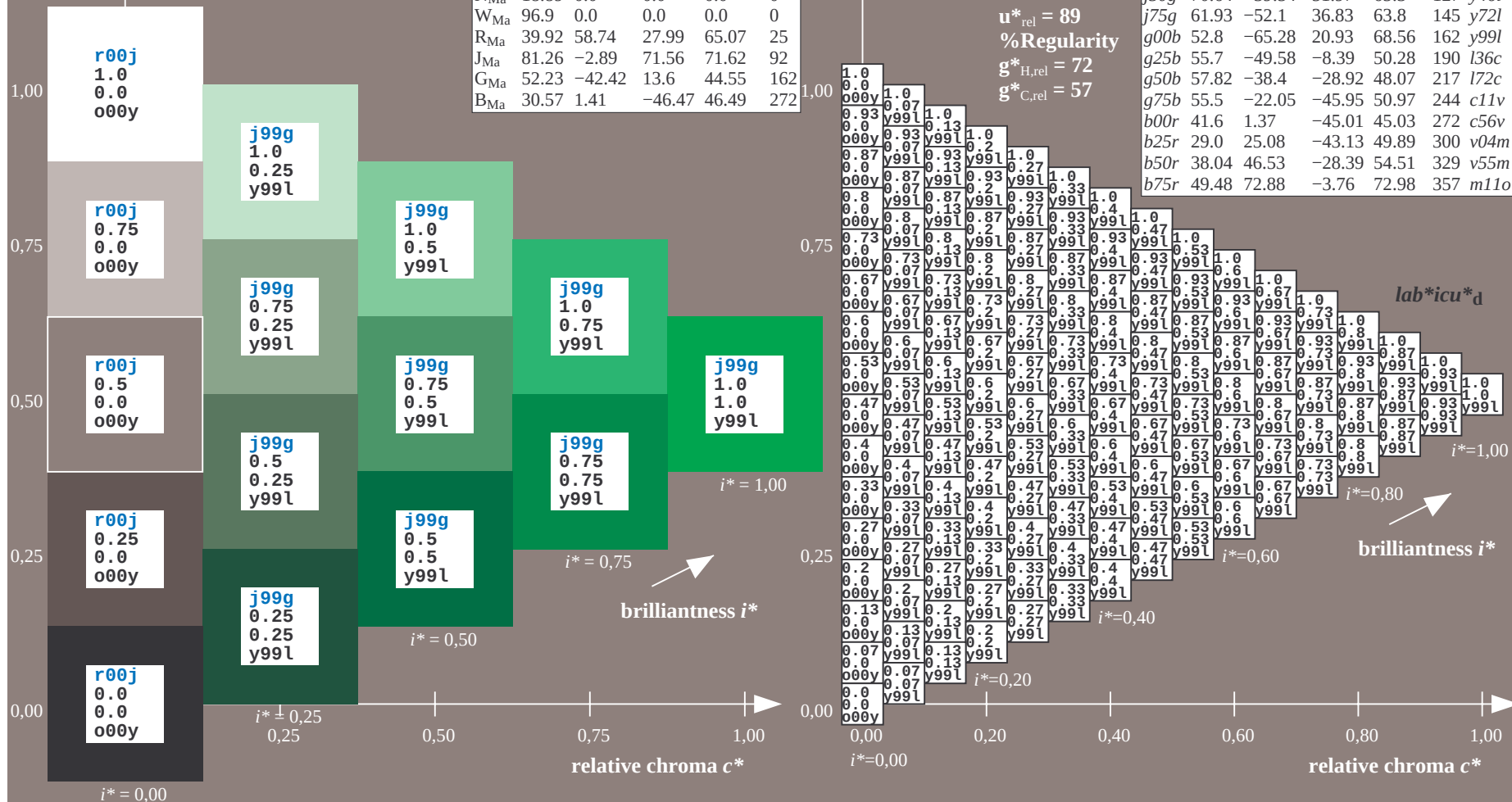
$u^*_{\text{rel}} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

data for any colour:

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

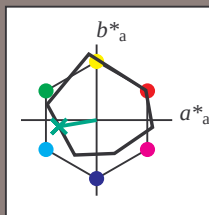
Hue texts:

$u^*_e = g25b$ $u^*_d = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -50 -8

$LAB^*LCH^*_{Ma}$: 56 50 189

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

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

triangle lightness t^*

% Gamut

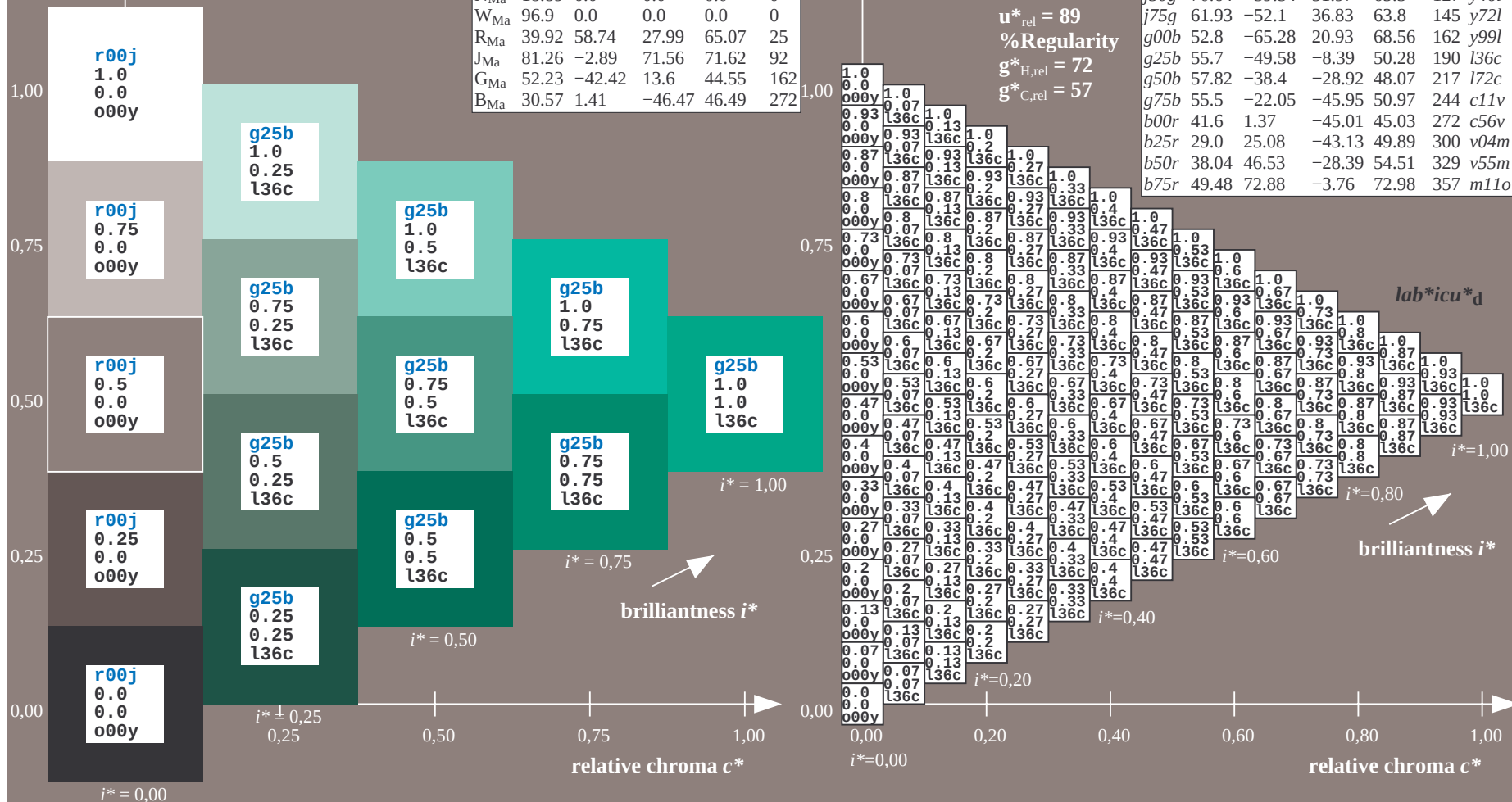
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

data for any colour:

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

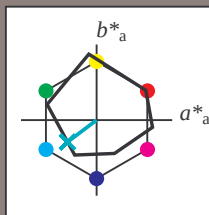
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -38 -29

$LAB^*LCH^*_{Ma}$: 58 48 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

$lab^*icu^*_d$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

data for any colour:

lab^*tc^* and lab^*icu^*

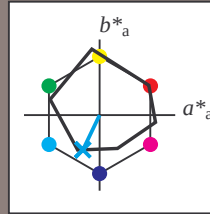
Hue texts:

$u^*_e = g75b$ $u^*_d = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -22 -46

$LAB^*LCH^*_{Ma}$: 55 51 244

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

$lab^*olv^*_{Ma}$: 0.0 0.89 1.0

triangle lightness t^*

% Gamut

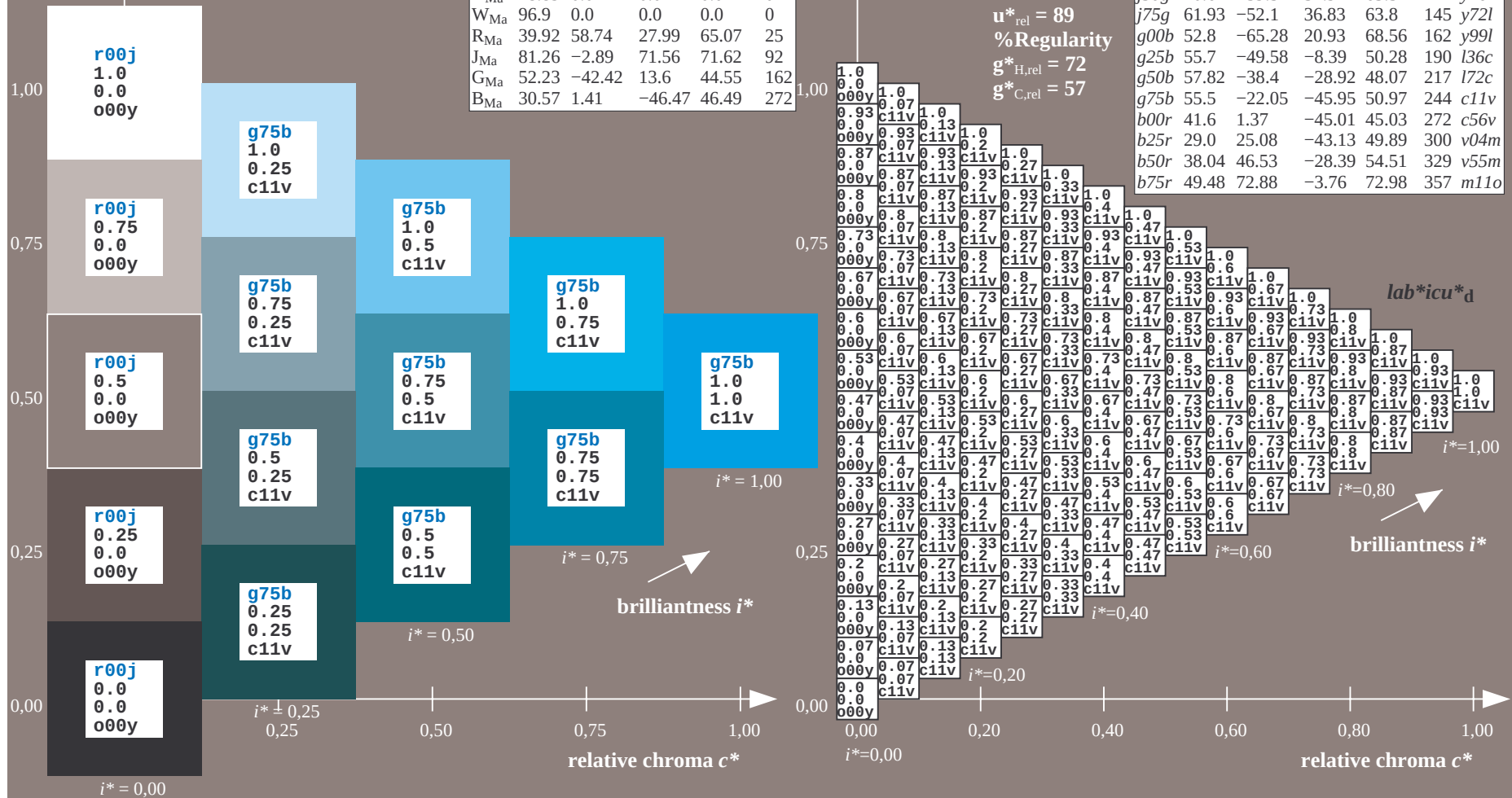
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

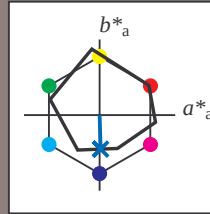
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

$LAB^*LCH^*_{Ma}$: 42 45 271

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

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	

$lab^*icu^*_d$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.834$

data for any colour:

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

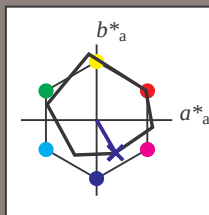
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB \cdot LAB \cdot Ma$: 29 25 -43

$LAB \cdot LCH \cdot Ma$: 29 50 300

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

$lab \cdot olv \cdot Ma$: 0.04 0.0 1.0

triangle lightness t^*

% Gamut

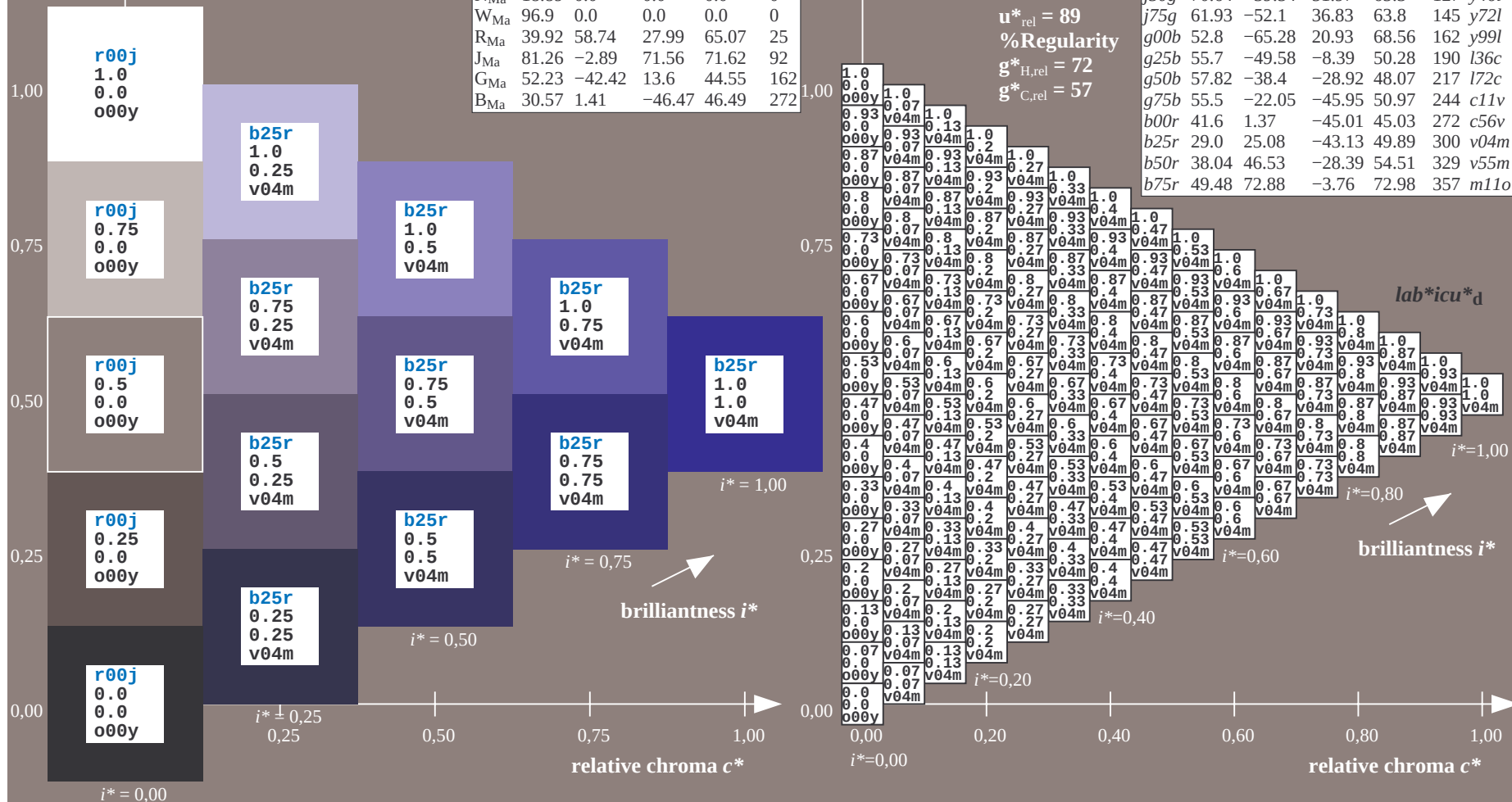
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

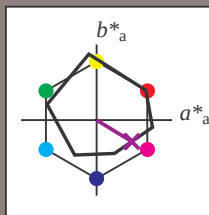
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

$LAB^*LCH^*_{Ma}$: 38 55 328

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

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

triangle lightness t^*

% Gamut

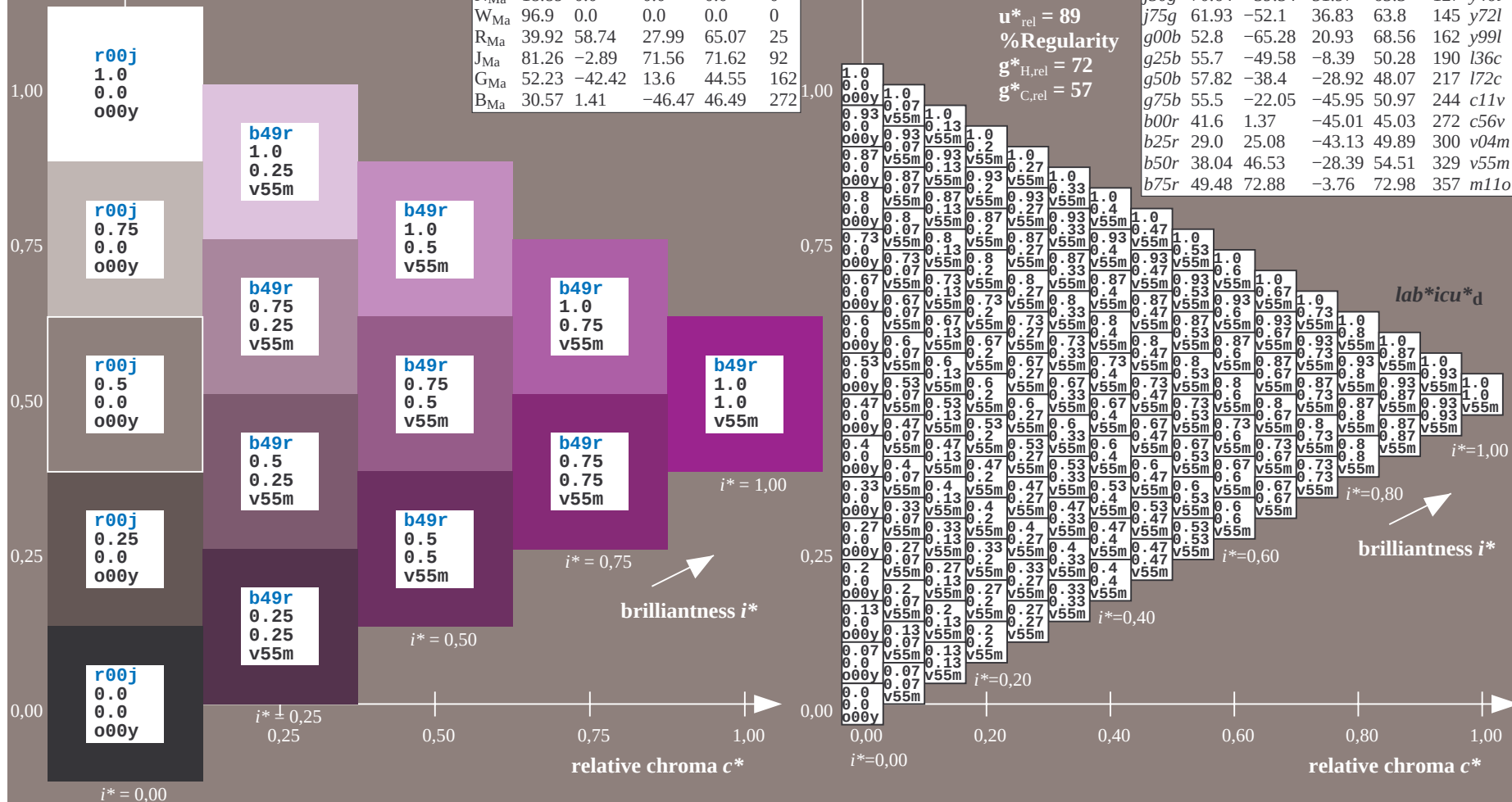
$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m11o	



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

data for any colour:

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

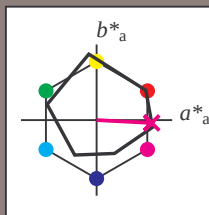
Hue texts:

$u^*_e = b75r$ $u^*_d = m110$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	48.75	65.07	39.43	76.08	31	
Y _{Ma}	90.92	-10.29	87.24	87.85	97	
L _{Ma}	52.69	-65.44	20.75	68.65	162	
C _{Ma}	59.61	-28.98	-46.22	54.56	238	
V _{Ma}	28.39	23.63	-44.13	50.06	298	
M _{Ma}	49.58	73.93	-9.56	74.55	353	
N _{Ma}	18.89	0.0	0.0	0.0	0	
W _{Ma}	96.9	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 73 -4

$LAB^*LCH^*_{Ma}$: 49 73 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.89

triangle lightness t^*

% Gamut

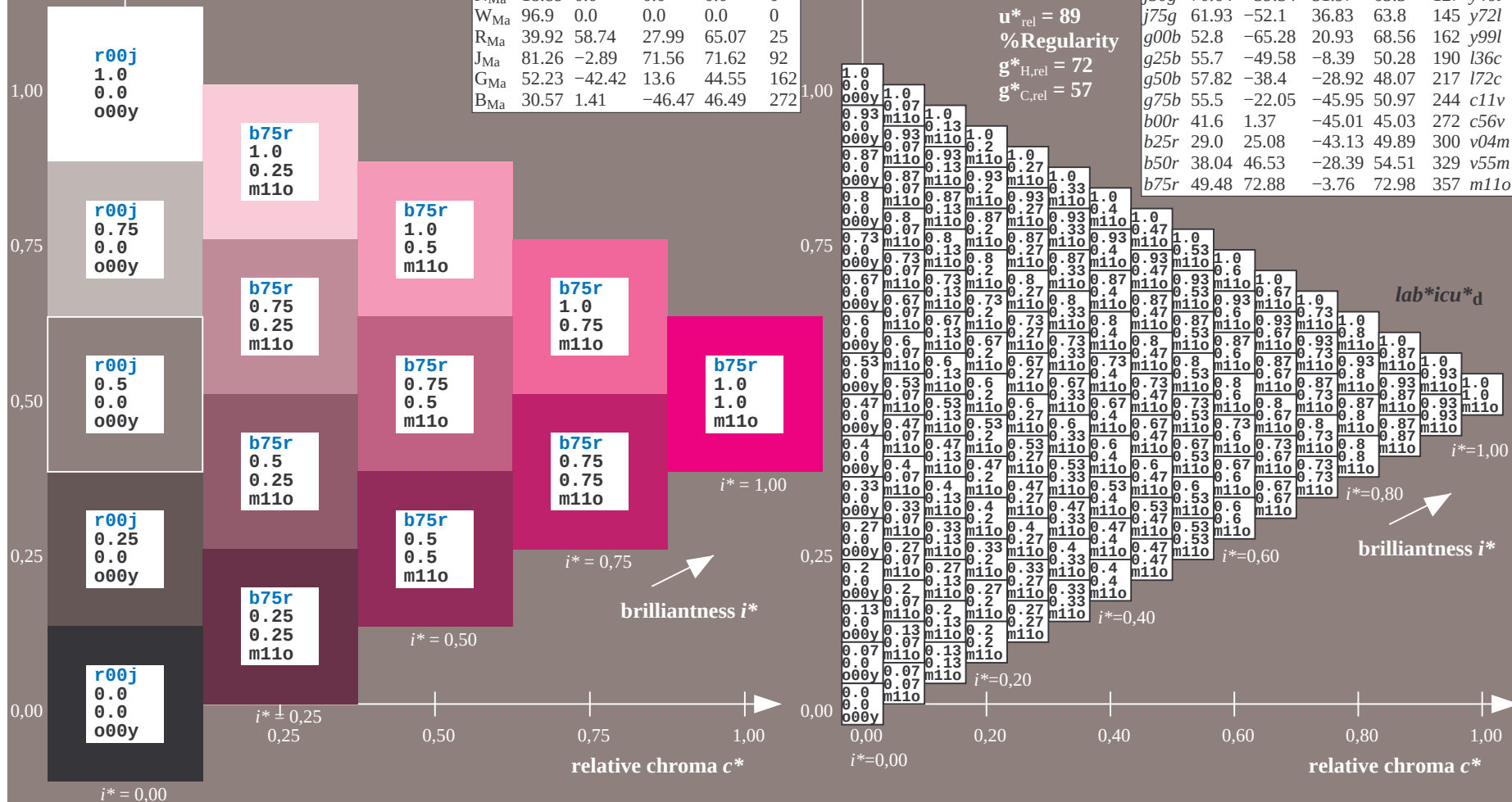
$u^*_{rel} = 89$

% Regularity

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

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

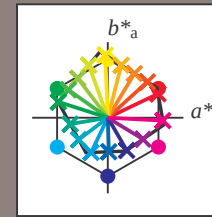
ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	48.88	66.47	31.67	73.63	25	m84o	
r25j	55.85	52.39	47.48	70.7	42	o17y	
r50j	65.45	35.22	58.37	68.17	59	o42y	
r75j	75.19	17.82	69.41	71.66	76	o67y	
j00g	87.03	-3.35	82.83	82.9	92	o92y	
j25g	80.72	-25.01	69.5	73.86	110	y20l	
j50g	70.64	-39.54	51.97	65.3	127	y46l	
j75g	61.93	-52.1	36.83	63.8	145	y72l	
g00b	52.8	-65.28	20.93	68.56	162	y99l	
g25b	55.7	-49.58	-8.39	50.28	190	l36c	
g50b	57.82	-38.4	-28.92	48.07	217	l72c	
g75b	55.5	-22.05	-45.95	50.97	244	c11v	
b00r	41.6	1.37	-45.01	45.03	272	c56v	
b25r	29.0	25.08	-43.13	49.89	300	v04m	
b50r	38.04	46.53	-28.39	54.51	329	v55m	
b75r	49.48	72.88	-3.76	72.98	357	m110	



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Input and output:
 Colorimetric Printer Reflective System ORS19_96a
 data for any colour:
 u_e^* and number *no.* = 00 .. 15
 elementary hue text:
 $u_e^* = 16$ hues *r00j*, *r25j*, ..., *b75r*
 contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



%Gamut

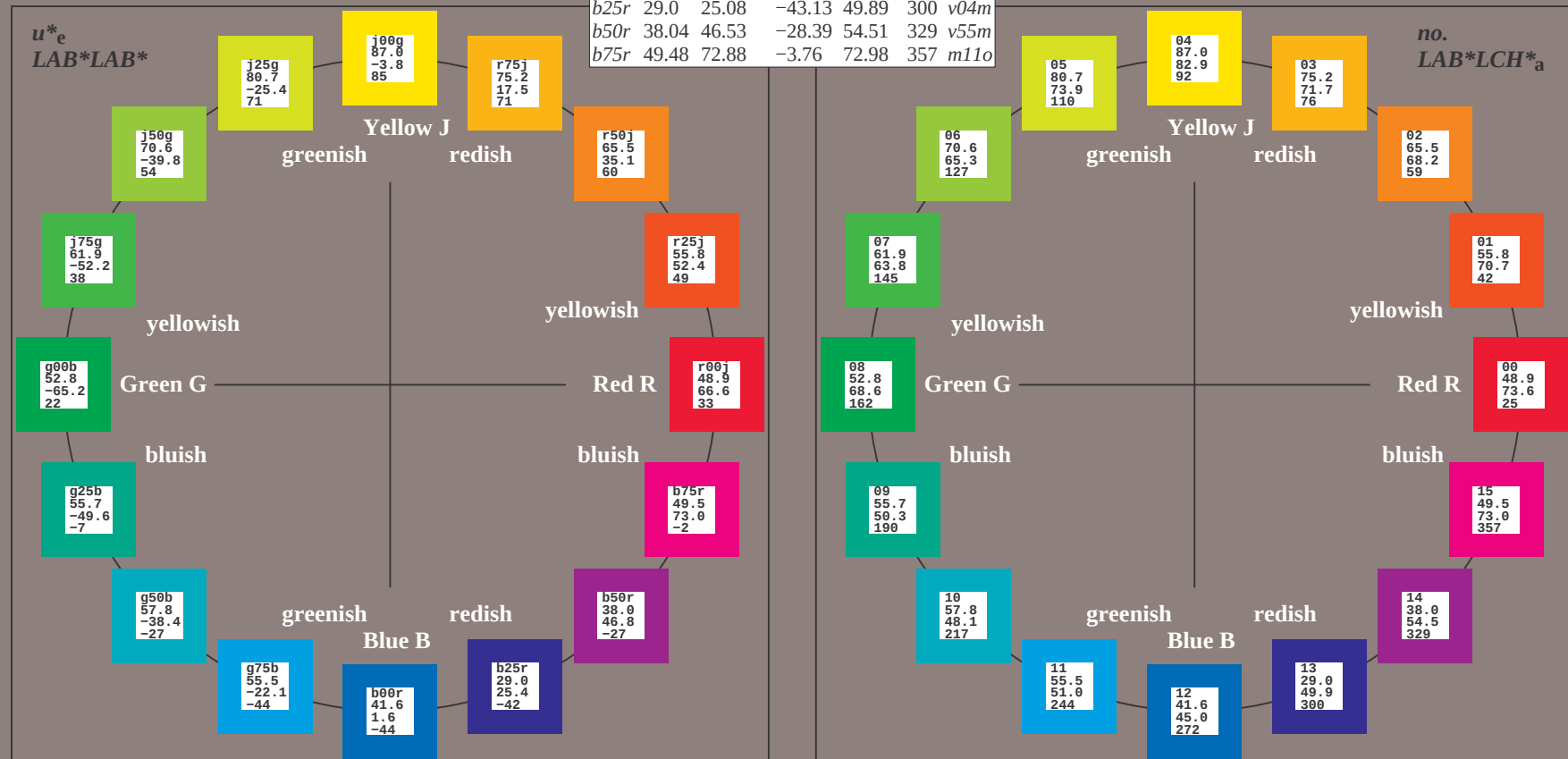
$u_{rel}^* = 89$

%Regularity

$g_{H,rel}^* = 72$

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

ORS19_96; CIELAB data					
Name	$L^*=L^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.78	89.36	90.01	97
L _M	52.69	-65.4	22.15	69.05	161
C _M	59.61	-29.04	-44.69	53.3	237
V _M	28.39	24.0	-43.18	49.4	299
M _M	49.58	74.01	-8.22	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.57	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

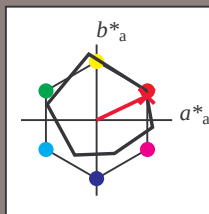
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data

u^*_e	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}: 49 \ 66 \ 32$

$\text{LAB}^*\text{LCH}^*_{Ma}: 49 \ 74 \ 25$

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

$\text{lab}^*\text{olv}^*_{Ma}: 1.0 \ 0.0 \ 0.15$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

$i^* \pm 0.25$

$i^* = 0.50$

$i^* = 0.75$

$i^* = 1.00$

brilliantness i^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
data for any colour:

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

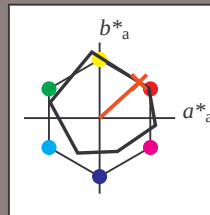
Hue texts:

$u^*_e = r25j$ $u^*_d = o17y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 56 52 47

$LAB^*LCH^*_Ma$: 56 71 42

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

$lab^*olv^*_Ma$: 1.0 0.17 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 89$

%Regularity

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

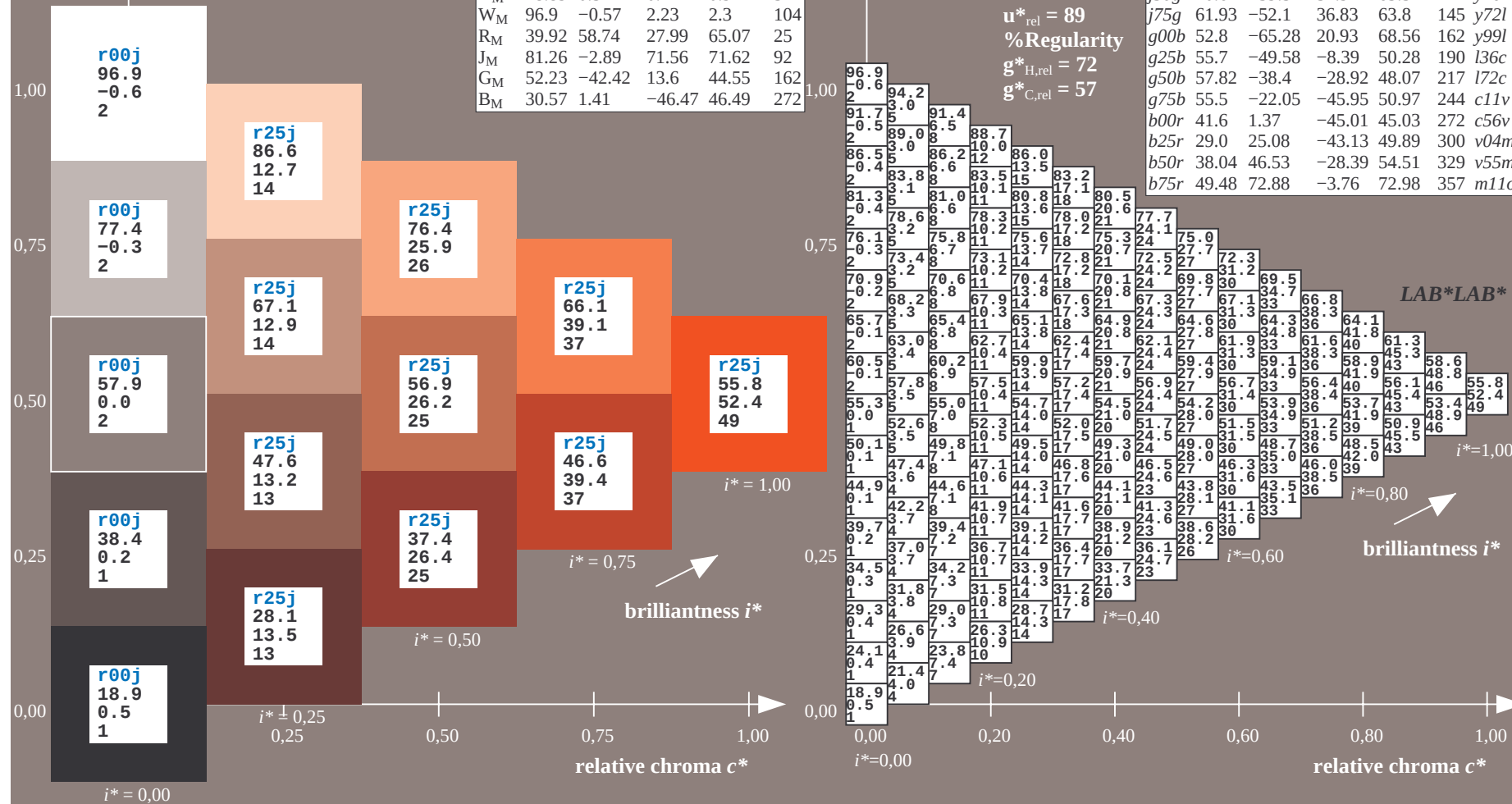
$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$	
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$	
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$	
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$	
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$	
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$	
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$	
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$	
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$	
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$	
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$	
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$	
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$	
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$	
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$	
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$	

LAB^*LAB^*

$i^*=1,00$

brilliantness i^*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$

data for any colour:

lab^*tc^* and lab^*icu^*

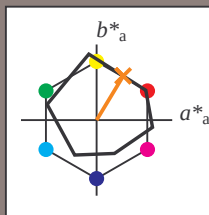
Hue texts:

$u^*_e = r50j$ $u^*_d = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 65\ 35\ 58$

$LAB^*LCH^*_Ma: 65\ 68\ 58$

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

$lab^*olv^*_Ma: 1.0\ 0.42\ 0.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

LAB^*LAB^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

$i^* = 0,00$

$i^* \pm 0,25$

$i^* = 0,50$

$i^* = 0,75$

$i^* = 1,00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

data for any colour:

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

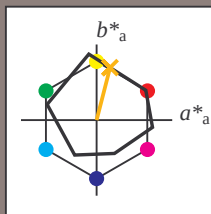
Hue texts:

$u^*_e = r75j$ $u^*_d = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data

u^*_e	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 75 \ 18 \ 69$

$LAB^*LCH^*_Ma: 75 \ 72 \ 75$

$lab^*rgb^*_Ma: 1.0 \ 0.75 \ 0.0$

$lab^*olv^*_Ma: 1.0 \ 0.68 \ 0.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

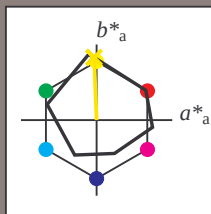
Hue texts:

$u^*_e = j00g$ $u^*_d = o92y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 87 -3 83$

$LAB^*LCH^*_Ma: 87 83 92$

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

$lab^*olv^*_Ma: 1.0 0.93 0.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

1,00

0,75

0,50

0,25

0,00

$r00j$
96.9
-0.6
2

$r00j$
77.4
-0.3
2

$r00j$
57.9
0.0
2

$r00j$
38.4
0.2
1

$r00j$
18.9
0.5
1

$r99j$
94.4
-1.4
23

$r99j$
74.9
-1.1
23

$r99j$
55.4
-0.8
22

$r99j$
35.9
-0.6
22

$r99j$
92.0
-2.2
44

$r99j$
72.5
-1.9
43

$r99j$
53.0
-1.6
43

$r99j$
89.5
-3.0
64

$r99j$
70.0
-2.7
64

$i^* = 1.00$

$i^* = 0.75$

$i^* = 0.50$

$i^* \pm 0.25$
0.25

relative chroma c^*

1,00

0,75

0,50

0,25

0,00

$r96j$
96.9
-0.6
2

$r96j$
91.7
-0.5
2

$r96j$
86.5
-0.4
2

$r96j$
81.3
-0.4
2

$r96j$
76.1
-0.3
2

$r96j$
70.9
-0.2
2

$r96j$
65.7
-0.1
2

$r96j$
60.5
0.0
1

$r96j$
55.3
0.1
1

$r96j$
50.1
0.2
1

$r96j$
44.9
0.3
1

$r96j$
39.7
0.4
1

$r96j$
34.5
0.5
1

$r96j$
91.7
-0.5
2

$r96j$
86.5
-0.4
2

$r96j$
81.3
-0.4
2

$r96j$
76.1
-0.3
2

$r96j$
70.9
-0.2
2

$r96j$
65.7
-0.1
2

$r96j$
60.5
0.0
1

$r96j$
55.3
0.1
1

$r96j$
50.1
0.2
1

$r96j$
44.9
0.3
1

$r96j$
39.7
0.4
1

$r96j$
34.5
0.5
1

$r96j$
29.5
0.6
1

$r96j$
91.7
-0.5
2

$r96j$
86.5
-0.4
2

$r96j$
81.3
-0.4
2

$r96j$
76.1
-0.3
2

$r96j$
70.9
-0.2
2

$r96j$
65.7
-0.1
2

$r96j$
60.5
0.0
1

$r96j$
55.3
0.1
1

$r96j$
50.1
0.2
1

$r96j$
44.9
0.3
1

$r96j$
39.7
0.4
1

$r96j$
34.5
0.5
1

$r96j$
29.5
0.6
1

$r96j$
91.7
-0.5
2

$r96j$
86.5
-0.4
2

$r96j$
81.3
-0.4
2

$r96j$
76.1
-0.3
2

$r96j$
70.9
-0.2
2

$r96j$
65.7
-0.1
2

$r96j$
60.5
0.0
1

$r96j$
55.3
0.1
1

$r96j$
50.1
0.2
1

$r96j$
44.9
0.3
1

$r96j$
39.7
0.4
1

$r96j$
34.5
0.5
1

$r96j$
29.5
0.6
1

$r96j$
91.7
-0.5
2

$r96j$
86.5
-0.4
2

$r96j$
81.3
-0.4
2

$r96j$
76.1
-0.3
2

$r96j$
70.9
-0.2
2

$r96j$
65.7
-0.1
2

$r96j$
60.5
0.0
1

$r96j$
55.3
0.1
1

$r96j$
50.1
0.2
1

$r96j$
44.9
0.3
1

$r96j$
39.7
0.4
1

$r96j$
34.5
0.5
1

$r96j$
29.5
0.6
1

$r96j$
91.7
-0.5
2

$r96j$
86.5
-0.4
2

$r96j$
81.3
-0.4
2

$r96j$
76.1
-0.3
2

$r96j$
70.9
-0.2
2

$r96j$
65.7
-0.1
2

$r96j$
60.5
0.0
1

$r96j$
55.3
0.1
1

$r96j$
50.1
0.2
1

$r96j$
44.9
0.3
1

$r96j$
39.7
0.4
1

$r96j$
34.5
0.5
1

$r96j$
29.5
0.6
1

$r96j$
91.7
-0.5
2

$r96j$
86.5
-0.4
2

$r96j$
81.3
-0.4
2

$r96j$
76.1
-0.3
2

$r96j$
70.9
-0.2
2

$r96j$
65.7
-0.1
2

$r96j$
60.5
0.0
1

$r96j$
55.3
0.1
1

$r96j$
50.1
0.2
1

$r96j$
44.9
0.3
1

$r96j$
39.7
0.4
1

$r96j$
34.5
0.5
1

$r96j$
29.5
0.6
1

$r96j$
91.7
-0.5
2

$r96j$
86.5
-0.4
2

$r96j$
81.3
-0.4
2

$r96j$
76.1
-0.3
2

$r96j$
70.9
-0.2
2

$r96j$
65.7
-0.1
2

$r96j$
60.5
0.0
1

$r96j$
55.3
0.1
1

$r96j$
50.1
0.2
1

$r96j$
44.9
0.3
1

$r96j$
39.7
0.4
1

$r96j$
34.5
0.5
1

$r96j$
29.5
0.6
1

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

data for any colour:

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

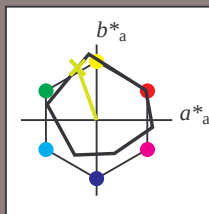
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 81 -25 69$

$LAB^*LCH^*_Ma: 81 74 109$

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

$lab^*olv^*_Ma: 0.8 1.0 0.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u^*_e = j25g$

LAB^*LAB^*

LAB^*LAB^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

1,00

0,75

0,50

0,25

0,00

$i^* = 0,00$

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

0,50

relative chroma c^*

0,75

1,00

1,00

0,75

0,50

0,25

0,00

$i^*=0,00$

0,20

0,40

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

lab^*tc^* and lab^*icu^*

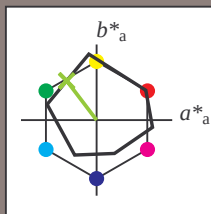
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 71 -40 52$

$LAB^*LCH^*_Ma: 71 65 127$

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

$lab^*olv^*_Ma: 0.54 1.0 0.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$	
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$	
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$	
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$	
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$	
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$	
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$	
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$	
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$	
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$	
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$	
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$	
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$	
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$	
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$	
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$	

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

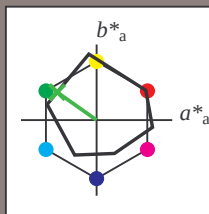
Hue texts:

$u^*_e = j75g$ $u^*_d = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 62 -52 37$

$LAB^*LCH^*_Ma: 62 64 144$

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

$lab^*olv^*_Ma: 0.27 1.0 0.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 89$

%Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:

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

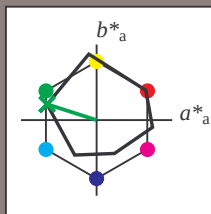
Hue texts:

$u^*_e = g00b$ $u^*_d = y99l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 53 -65 21$

$LAB^*LCH^*_Ma: 53 69 162$

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

$i^* \pm 0.25$

$i^* = 0.50$

$i^* = 0.75$

$i^* = 1.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

data for any colour:

lab^*tc^* and lab^*icu^*

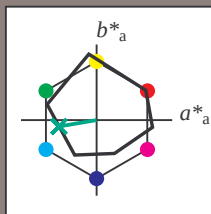
Hue texts:

$u_e^* = g25b$ $u_d^* = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data

u_e^*	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -50 -8

$LAB^*LCH^*_{Ma}$: 56 50 189

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

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

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

LAB^*LAB^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

1,00

0,75

0,50

0,25

0,00

1,00

0,75

0,50

0,25

0,00

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$
data for any colour:

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

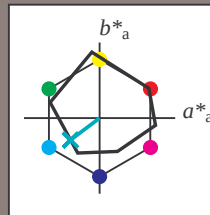
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -38 -29

$LAB^*LCH^*_{Ma}$: 58 48 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

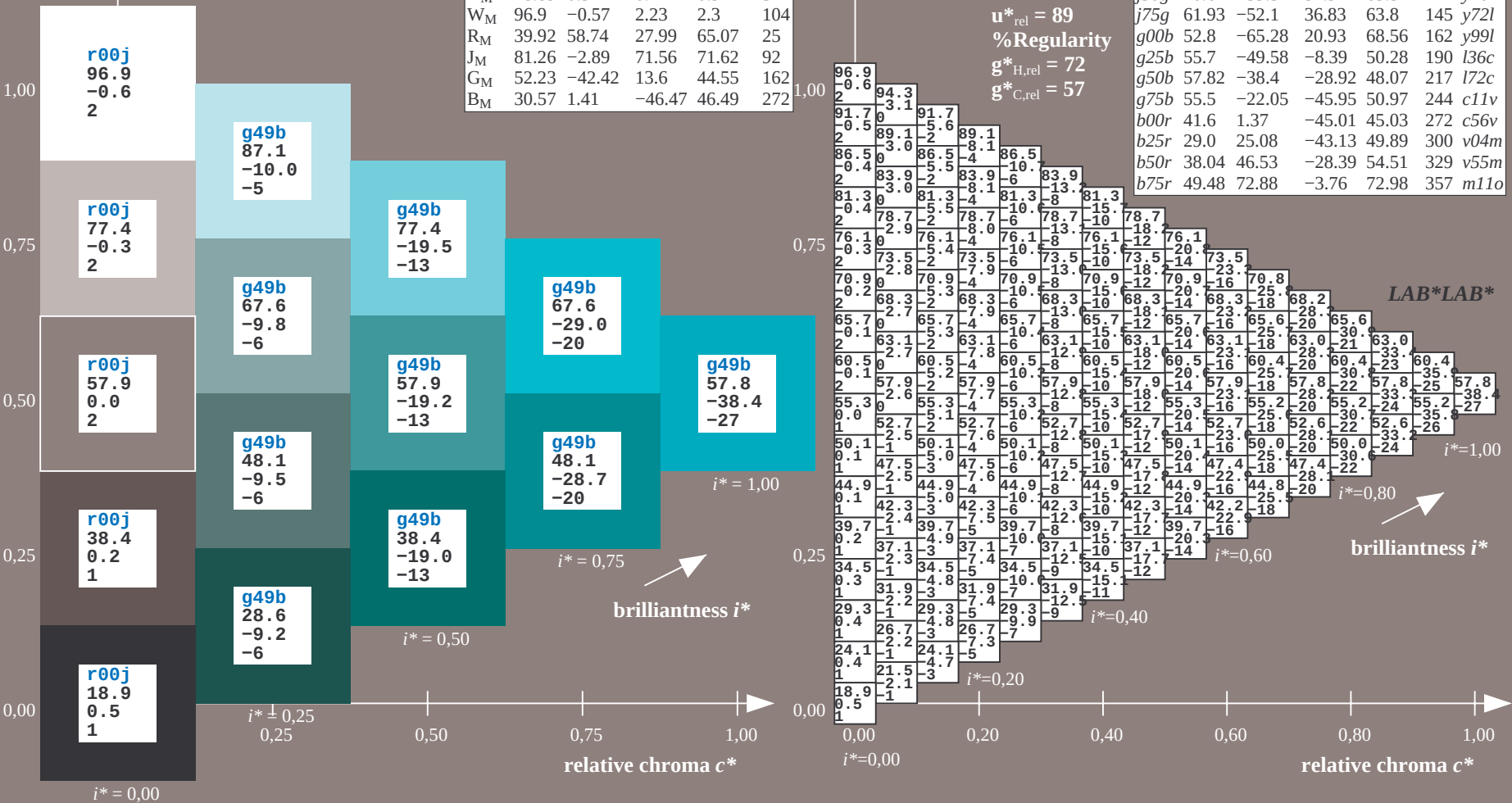
$g^*_{H,rel} = 72$

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

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

LAB^*LAB^*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

data for any colour:

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

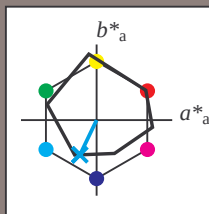
Hue texts:

$u^*_e = g75b$ $u^*_d = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data						
u^*_e	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 55 -22 -46

$LAB^*LCH^*_Ma$: 55 51 244

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

$lab^*olv^*_Ma$: 0.0 0.89 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

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 ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

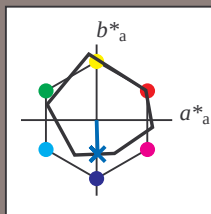
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data						
u^*_e	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 42 1 -45

$LAB^*LCH^*_Ma$: 42 45 271

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

$lab^*olv^*_Ma$: 0.0 0.44 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

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 ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

lab^*tc^* and lab^*icu^*

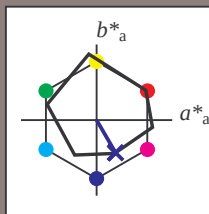
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 29 25 -43

$LAB^*LCH^*_Ma$: 29 50 300

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

$lab^*olv^*_Ma$: 0.04 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u^*_e = b25r$

LAB^*LAB^*

LAB^*LAB^*

$i^*=1,00$

brilliantness i^*

$i^*=0,80$

$i^*=0,60$

$i^*=0,40$

$i^*=0,20$

$i^*=0,00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

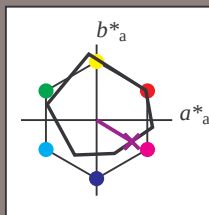
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data						
u^*_e	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 38\ 47\ -28$

$LAB^*LCH^*_Ma: 38\ 55\ 328$

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

$lab^*olv^*_Ma: 0.56\ 0.0\ 1.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u^*_e = b50r$

LAB^*LAB^*

LAB^*LAB^*

LAB^*LAB^*

brilliantness i^*

brilliantness i^*

brilliantness i^*

brilliantness i^*

brilliantness i^*

brilliantness i^*

brilliantness i^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

data for any colour:

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

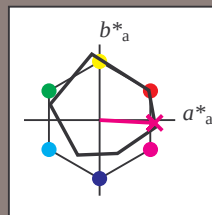
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96; CIELAB data						
u^*_e	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 49 \ 73 \ -4$

$LAB^*LCH^*_{Ma}: 49 \ 73 \ 357$

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

$lab^*olv^*_{Ma}: 1.0 \ 0.0 \ 0.89$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

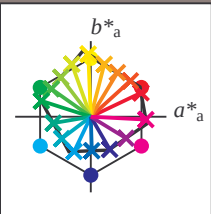
relative chroma c^*

relative chroma c^*

	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	18.9	23.1	27.3	31.6	35.8	40.0	44.2	48.5	52.7	22.6	27.9	31.5	35.8	40.1	44.4	48.6	52.9	57.2	26.4	31.2	36.9	40.1	44.2	48.4	52.7	57.0	61.3	65.9	69.9	84.9	78.8	72.8	66.8	60.8	54.8	48.7	18.9	18.9	18.9	18.9
02	9.5	-7.7	-16.0	-24.2	-32.4	-40.7	-48.9	-57.2	-65.4	-6.6	-0.9	-10.0	-18.1	-26.3	-34.4	-42.6	-50.8	-59.1	16.7	7.9	-2.3	-12.1	-20.5	-28.6	-36.8	-44.9	-53.1	-61.3	-69.9	-78.8	-87.8	-96.8	-105.8	-114.8	-123.8	-132.8	-141.8	-150.8	-159.8	
03	24.0	28.3	32.6	36.9	41.2	45.5	49.7	54.0	58.2	22.7	28.0	32.9	37.1	41.3	45.5	49.8	54.0	58.2	26.5	32.4	37.6	41.3	45.6	49.9	54.1	58.4	62.7	67.0	71.3	75.6	79.9	84.2	88.5	92.8	97.1	101.4	105.7	110.0	114.3	
04	-3.4	-3.2	-10.9	-18.6	-26.5	-34.5	-42.5	-50.6	-58.7	7.0	8.4	-7.9	-16.1	-24.3	-32.6	-40.8	-49.1	-57.3	17.8	8.4	-1.0	-10.1	-18.3	-26.4	-34.6	-42.8	-50.9	-59.1	-67.3	-75.5	-83.7	-91.9	-100.1	-108.3	-116.5	-124.7	-132.9	-141.1	-149.3	
05	23.1	25.0	26.9	33.4	37.7	42.1	46.4	50.7	55.0	23.4	29.8	33.3	38.1	42.4	46.7	51.0	55.2	59.5	26.6	32.5	38.4	42.6	46.8	51.1	55.3	59.5	63.7	67.9	72.1	76.3	80.5	84.7	88.9	93.1	97.3	101.5	105.7	109.9	114.1	
06	6.4	0.0	-9.1	-14.7	-22.3	-30.0	-37.7	-45.6	-53.5	11.4	3.3	-3.3	-11.0	-18.8	-26.6	-34.4	-42.2	-50.0	18.9	9.6	0.2	-8.0	-16.2	-24.5	-32.7	-41.0	-49.2	-57.4	-65.7	-73.9	-82.1	-90.3	-98.5	-106.7	-114.9	-123.1	-131.3	-139.5	-147.7	
07	-10	-10	-11	-9	-7	-6	-4	-2	0	-7	-5	-5	-3	-1	1	3	5	7	-1	0	1	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	
08	22.5	26.3	29.9	34.2	38.4	42.6	47.1	51.5	55.8	24.5	31.0	34.8	38.8	43.1	47.5	51.8	56.1	60.4	26.9	33.1	39.6	43.5	47.8	52.1	56.4	60.7	65.0	69.3	73.6	77.9	82.2	86.5	90.8	95.1	99.4	103.7	108.0	112.3		
09	9.3	2.8	-3	-10.6	-18.5	-26.1	-33.7	-41.4	-49.1	114.2	6.2	-0.1	-7.0	-14.9	-22.5	-30.1	-37.9	-45.7	119.8	11.3	3.2	-3.5	-11.2	-18.9	-26.8	-34.7	-42.8	-50.7	-58.6	-66.5	-74.4	-82.3	-90.2	-98.1	-106.0	-113.9	-121.8	-129.7		
10	-16	-16	-16	-16	-14	-13	-11	-10	-8	-12	-10	-10	-8	-7	-5	-4	-2	-8	-7	4	-5	-3	-1	1	3	5	-15	-10	-4	2	6	11	16	21	26	31	36	41	46	
11	23.6	27.6	31.1	34.8	39.2	43.5	47.8	52.2	56.5	25.7	32.2	36.0	39.6	43.9	48.2	52.5	56.9	61.2	27.9	34.0	40.5	44.5	48.6	52.9	57.2	61.6	65.9	70.3	74.6	78.9	83.2	87.5	91.8	96.1	100.4	104.7	109.0	113.3		
12	12.3	5.6	-0.1	-6.7	-14.3	-22.3	-30.6	-37.5	-45.1	117.1	9.2	2.7	-3.4	-10.7	-18.8	-26.9	-33.9	-41.5	122.3	14.1	6.1	-0.2	-7.2	-15.0	-22.6	-30.3	-38.0	-45.8	-53.5	-61.2	-68.9	-76.6	-84.3	-92.0	-99.7	-107.4	-115.1	-122.8		
13	-21	-21	-22	-22	-20	-18	-17	-15	-13	-16	-16	-16	-16	-16	-14	-12	-11	-9	-14	-12	-10	-10	-10	-8	-7	-5	-3	-2	-1	0	1	2	3	4	5	6	7	8		
14	24.8	28.8	32.4	35.9	39.8	44.3	48.6	52.9	57.3	26.9	33.4	37.3	40.9	44.5	49.0	53.3	57.6	61.9	29.0	35.5	42.0	45.8	49.4	53.7	57.9	62.3	66.6	70.9	75.2	79.5	83.8	88.1	92.4	96.7	101.0	105.3	109.6	113.9		
15	15.2	8.4	2.3	-3.7	-10.2	-18.0	-26.1	-33.8	-41.2	140.0	12.1	5.4	-0.6	-6.8	-14.4	-22.5	-30.1	-37.7	125.1	17.0	9.0	2.5	-3.5	-10.8	-18.8	-26.4	-34.0	-41.6	-49.2	-56.8	-64.4	-72.0	-79.6	-87.2	-94.8	-102.4	-110.0			
16	-27	-27	-27	-27	-27	-28	-25	-23	-22	-23	-21	-21	-21	-22	-22	-19	-16	-13	-20	-18	-15	-16	-16	-16	-14	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0		
17	26.0	30.1	33.7	37.2	40.8	44.8	49.4	53.7	58.0	28.1	34.6	38.6	42.2	45.7	49.5	54.1	58.3	62.7	30.2	36.6	43.1	47.1	50.6	54.3	58.8	63.0	67.3	71.6	75.9	80.2	84.5	88.8	93.1	97.4	101.7	106.0	110.3			
18	18.1	11.3	5.1	-0.9	-7.0	-13.8	-21.7	-29.8	-37.6	123.0	15.1	8.3	2.2	-3.8	-10.3	-18.1	-26.2	-33.9	127.9	19.9	12.0	5.3	-0.7	-7.0	-14.5	-22.6	-30.3	-38.0	-45.8	-53.5	-61.2	-68.9	-76.6	-84.3	-92.0	-99.7	-107.4			
19	-32	-32	-33	-33	-33	-33	-31	-29	-27	-27	-27	-27	-27	-27	-27	-25	-23	-23	-25	-23	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21		
20	37.2	31.3	35.0	38.5	42.1	45.8	49.5	53.7	58.7	29.3	35.8	39.8	43.5	47.7	51.6	55.9	60.3	64.3	31.3	37.8	44.3	48.3	51.9	55.5	59.2	63.8	68.1	72.4	76.7	81.0	85.3	89.6	93.9	98.2	102.5	106.8	111.1	115.4		
21	21.1	14.1	7.9	1.8	-4.2	-10.5	-17.4	-25.3	-33.6	125.9	18.0	11.1	4.9	-1.0	-7.2	-13.9	-21.8	-30.0	130.8	22.8	14.9	8.1	2.0	-4.0	-10.9	-18.2	-26.4	-34.5	-42.6	-50.7	-58.8	-66.9	-75.0	-83.1	-91.2	-99.3	-107.4			
22	-38	-38	-38	-38	-38	-39	-36	-34	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32		
23	32.5	36.2	39.8	43.3	46.9	50.7	54.9	59.6	63.5	37.0	43.0	47.7	51.8	55.9	60.3	64.3	68.5	72.5	37.0	43.5	49.5	55.2	60.7	66.3	71.8	77.3	82.8	88.3	93.8	99.3	104.8	110.3	115.8	121.3	126.8	132.3	137.8			
24	17.0	10.7	4.6	-1.4	-7.5	-13.9	-21.0	-29.2	-38.9	20.9	14.0	7.7	1.7	-4.3	-10.6	-17.5	-25.3	-33.7	25.8	17.9	11.0	4.8	-1.2	-7.3	-14.0	-21.9	-29.6	-37.3	-45.0	-52.7	-60.4	-68.1	-75.8	-83.5	-91.2	-98.9				
25	-43	-43	-44	-44	-44	-44	-44	-45	-40	-38	-38	-38	-38	-38	-38	-39	-39	-36	-34	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32		
26	30.1	35.1	39.8	45.9	48.7	52.6	56.8	61.1	65.4	33.8	39.6	43.6	48.5	54.9	61.2	65.3	69.5	73.6	42.8	47.5	52.2	57.4	63.9	69.3	74.6	79.8	85.1	90.4	95.7	101.0	106.3	111.6	116.9	122.2	127.5	132.8	138.1			
27	14.7	15.7	7.2	-3.7	-14.0	-22.6	-31.0	-39.1	-47.3	132.8	23.6	15.2	6.3	-5.1	-15.7	-24.7	-33.2	-41.4	140.9	23.5	14.0	5.2	-6.6	-16.3	-24.6	-33.0	-41.4	-49.8	-58.2	-66.6	-75.0	-83.4	-91.8	-100.2	-108.6	-117.0	-125.4			
28	16	22	27	34	36	39	42	44	21	27	32	38	45	45	47	50	52	26	32	37	43	49	56	62	68	74	80	86	92	98	104	110	116	122	128	134	140			
29	30.2	36.1	41.0	46.6	49.8	53.9	58.2	62.5	66.8	33.9	39.8	44.9	49.6	55.7	60.5	62.4	66.6	70.8	37.7	43.6	48.7	53.4	58.3	64.7	69.3	73.6	77.9	82.2	86.5	90.8	95.1	99.4	103.7	108.0	112.3	116.6	120.9			
30	25.9	16.5	7.7	-2.5	-12.2	-20.6	-28.8	-36.9	-45.1	134.0	24.6	15.6	6.7	1.1	-14.1	-22.8	-31.1	-39.4	142.1	22.7	23.4	15.1	6.2	-5.3	-15.8	-24.8	-33.2	-41.5	-49.9	-58.3	-66.7	-75.1	-83.5	-91.9	-100.3	-108.7	-117.1			
31	9	11	17	23	24	26	29	32	35	14	16	22	27	34	37	39	42	19	21	27	32	38	45	56	67	79	91	103	115	127	139	151	163	175	187	199	211			
32	36.2	42.1	47.4	51.0	55.3	59.6	63.9	68.2	72.5	34.0	39.9	45.9	50.8	56.4	60.6	63.7	67.9	72.2	37.8	43.7	49.6	54.6	59.3	65.4	68.2	72.1	76.3	80.5	84.7	88.9	93.1	97.4	101.7	106.0	110.3	114.6	118.9			
33	27.0	17.6	8.3	-1.2	-10.3	-18.4	-26.6	-34.7	-42.9	135.1	25.8	16.4	7.6	-2.6	-12.4	-20.7	-28.9	-37.1	143.2	23.9	24.5	15.4	6.9	-4.0	-14.2	-22.9	-31.3	-39.6	-47.9	-56.2	-64.5	-72.8	-81.1	-89.4	-97.7	-106.0	-114.3			
34	4	5	6	12	14	17	19	22	25	8	10	11	17	23	24	27	29	32	13	15	16	22	27	34	43	53	63	73	83	93	103	113	123	133	143	153	163			
35	30.4	36.3	42.2	48.1	52.4	56.6	60.8	65.0	69.3	34.1	40.0	46.0	51.9	57.7	61.8	65.1	69.4	73.6	37.9	43.8	49.7	55.6	60.5	66.2	69.3	73.4	77.7	81.9	86.2	90.4	94.7	98.9	103.2	107.4	111.7	116.0				
36	28.1	18.7	9.4	0.1	-8.1	-16.4	-24.6	-32.9	-41.1	136.1	26.8	17.5	8.2	-1.3	-10.4	-18.5	-26.7	-34.8	144.2	24.9	25.6	16.3	7.5	-2.7	-12.5	-20.9	-29.0	-37.1	-45.2	-53.3	-61.4	-69.5	-77.6	-85.7	-93.8	-101.9				
37	-3	-1	0	1	4	7	9	12	15	2	4	5	6	12	14	17	20	22	7	9	10	11	17	23	24	27	29	31	33	35	37	39	41	43	45	47	49			
38	30.5	36.7	42.9	49.3	53.2	57.6	61.9	66																																

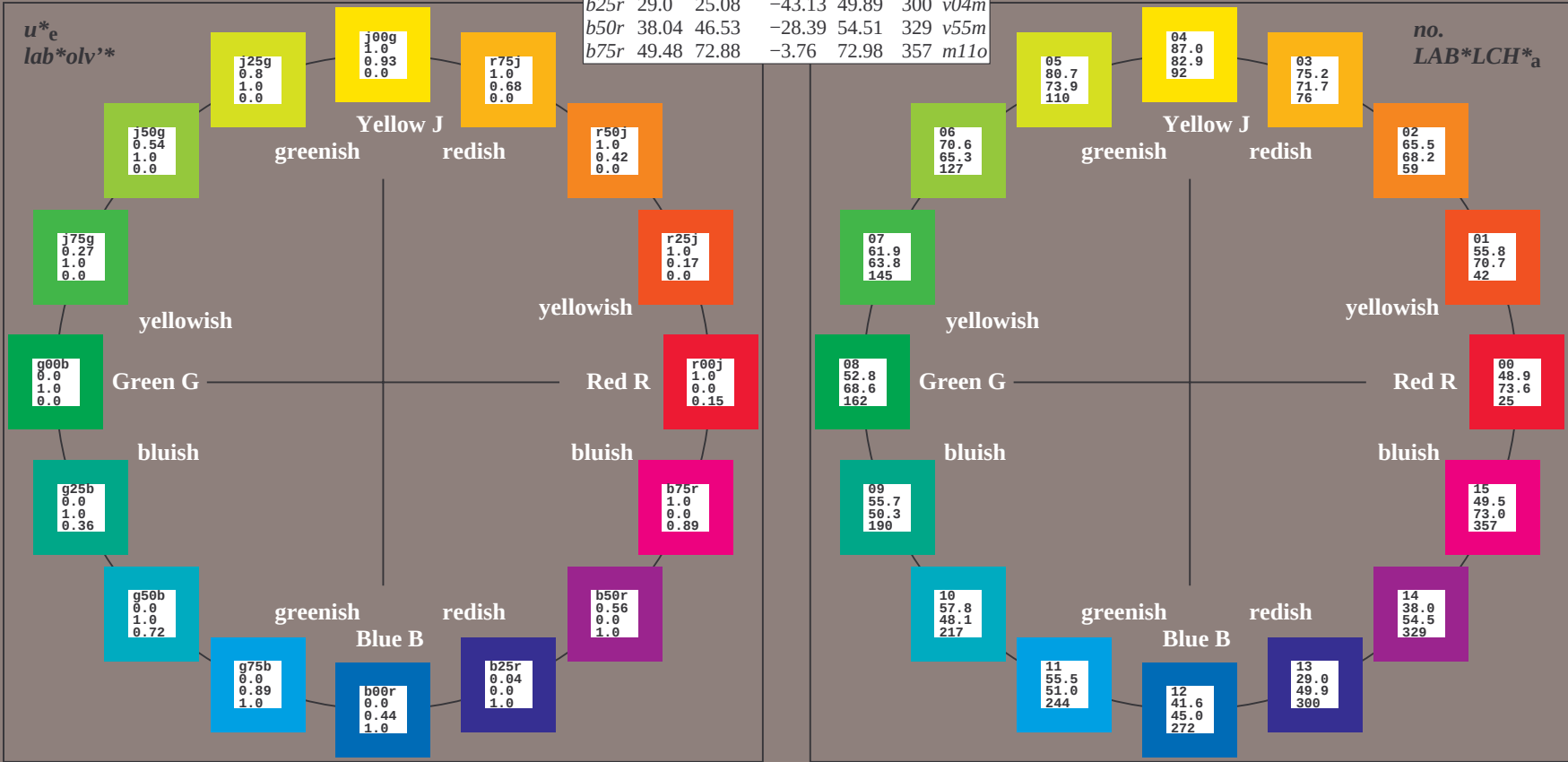
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u^*_e and number *no.* = 00 .. 15
elementary hue text:
 u^*_e = 16 hues *r00j*, *r25j*, ..., *b75r*
contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
<i>r00j</i>	48.88	66.47	31.67	73.63	25	<i>m84o</i>
<i>r25j</i>	55.85	52.39	47.48	70.7	42	<i>o17y</i>
<i>r50j</i>	65.45	35.22	58.37	68.17	59	<i>o42y</i>
<i>r75j</i>	75.19	17.82	69.41	71.66	76	<i>o67y</i>
<i>j00g</i>	87.03	-3.35	82.83	82.9	92	<i>o92y</i>
<i>j25g</i>	80.72	-25.01	69.5	73.86	110	<i>y20l</i>
<i>j50g</i>	70.64	-39.54	51.97	65.3	127	<i>y46l</i>
<i>j75g</i>	61.93	-52.1	36.83	63.8	145	<i>y72l</i>
<i>g00b</i>	52.8	-65.28	20.93	68.56	162	<i>y99l</i>
<i>g25b</i>	55.7	-49.58	-8.39	50.28	190	<i>l36c</i>
<i>g50b</i>	57.82	-38.4	-28.92	48.07	217	<i>l72c</i>
<i>g75b</i>	55.5	-22.05	-45.95	50.97	244	<i>c11v</i>
<i>b00r</i>	41.6	1.37	-45.01	45.03	272	<i>c56v</i>
<i>b25r</i>	29.0	25.08	-43.13	49.89	300	<i>v04m</i>
<i>b50r</i>	38.04	46.53	-28.39	54.51	329	<i>v55m</i>
<i>b75r</i>	49.48	72.88	-3.76	72.98	357	<i>m11o</i>



%Gamut
 $u^*_{rel} = 89$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS19_96a; CIELAB data					
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.78	89.36	90.01	97
L _M	52.69	-65.4	22.15	69.05	161
C _M	59.61	-29.04	-44.69	53.3	237
V _M	28.39	24.0	-43.18	49.4	299
M _M	49.58	74.01	-8.22	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.57	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

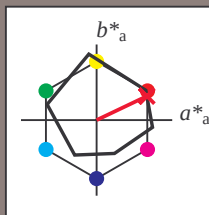
Hue texts:

$u_e^* = r00j$ $u_d^* = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 66 32

$LAB^*LCH^*_{Ma}$: 49 74 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.15

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

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

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.117$

data for any colour:

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

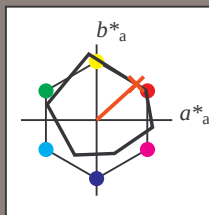
Hue texts:

$u_e^* = r25j$ $u_d^* = o17y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.78	89.36	90.01	97
L _M	52.69	-65.4	22.15	69.05	161
C _M	59.61	-29.04	-44.69	53.3	237
V _M	28.39	24.0	-43.18	49.4	299
M _M	49.58	74.01	-8.22	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.57	2.23	2.3	104
R _M	39.92	58.74	27.99	65.07	25
J _M	81.26	-2.89	71.56	71.62	92
G _M	52.23	-42.42	13.6	44.55	162
B _M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 56 52 47

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 56 71 42

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 1.0 0.17 0.0

triangle lightness t^*

% Gamut

$u_{\text{rel}}^* = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	-3.35	82.83	82.9	92	o92y
j25g	80.72	-25.01	69.5	73.86	110	y20l
j50g	70.64	-39.54	51.97	65.3	127	y46l
j75g	61.93	-52.1	36.83	63.8	145	y72l
g00b	52.8	-65.28	20.93	68.56	162	y99l
g25b	55.7	-49.58	-8.39	50.28	190	l36c
g50b	57.82	-38.4	-28.92	48.07	217	l72c
g75b	55.5	-22.05	-45.95	50.97	244	c11v
b00r	41.6	1.37	-45.01	45.03	272	c56v
b25r	29.0	25.08	-43.13	49.89	300	v04m
b50r	38.04	46.53	-28.39	54.51	329	v55m
b75r	49.48	72.88	-3.76	72.98	357	m11o

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.164$

data for any colour:

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

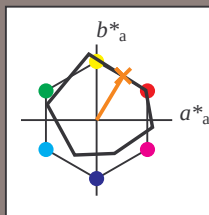
Hue texts:

$u_e^* = r50j$ $u_d^* = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

	u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 65 35 58

$\text{LAB}^*\text{LCH}^*_{Ma}$: 65 68 58

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

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

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

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

ORS19_96a; adapted (a) CIELAB data

	u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$	
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$	
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$	
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$	
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$	
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$	
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$	
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$	
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$	
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$	
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$	
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$	
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$	
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$	
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$	
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$	

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

data for any colour:

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

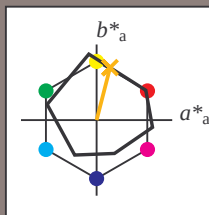
Hue texts:

$u_e^* = r75j$ $u_d^* = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

	u_e^*	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

$LAB^*LCH^*_{Ma}$: 75 72 75

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

	u_e^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25		$m84o$
$r25j$	55.85	52.39	47.48	70.7	42		$o17y$
$r50j$	65.45	35.22	58.37	68.17	59		$o42y$
$r75j$	75.19	17.82	69.41	71.66	76		$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92		$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110		$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127		$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145		$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162		$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190		$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217		$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244		$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272		$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300		$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329		$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357		$m11o$

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

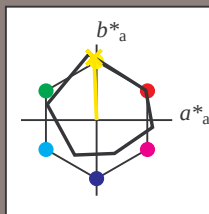
Hue texts:

$u_e^* = j00g$ $u_d^* = o92y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 87 -3 83$

$LAB^*LCH^*_{Ma}: 87 83 92$

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

$lab^*olv^*_{Ma}: 1.0 0.93 0.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

data for any colour:

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

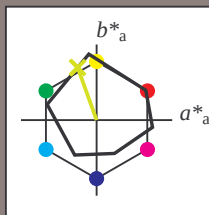
Hue texts:

$u^*_e = j25g$ $u^*_d = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -25 69

$LAB^*LCH^*_{Ma}$: 81 74 109

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

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

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

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

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

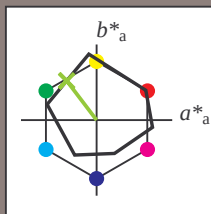
Hue texts:

$u_e^* = j50g$ $u_d^* = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -40 52

$LAB^*LCH^*_{Ma}$: 71 65 127

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

$lab^*olv^*_{Ma}$: 0.54 1.0 0.0

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

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

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u_e^* = j50g$

lab^*olv^*

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

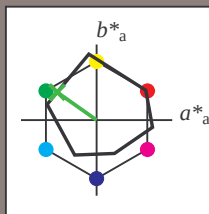
Hue texts:

$u_e^* = j75g$ $u_d^* = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 62 -52 37

$\text{LAB}^*\text{LCH}^*_{Ma}$: 62 64 144

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

$\text{lab}^*\text{olv}^*_{Ma}$: 0.27 1.0 0.0

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

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

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*_a	b^*_a	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u_e^* = j75g$

lab^*olv^*

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:

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

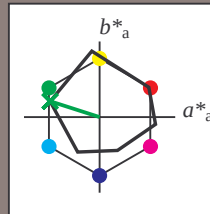
Hue texts:

$u^*_e = g00b$ $u^*_d = y99l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 53 -65 21$

$LAB^*LCH^*_{Ma}: 53 69 162$

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

$lab^*olv^*_{Ma}: 0.0 1.0 0.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25		$m84o$
$r25j$	55.85	52.39	47.48	70.7	42		$o17y$
$r50j$	65.45	35.22	58.37	68.17	59		$o42y$
$r75j$	75.19	17.82	69.41	71.66	76		$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92		$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110		$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127		$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145		$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162		$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190		$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217		$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244		$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272		$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300		$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329		$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357		$m11o$

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.527$

data for any colour:

lab^*tch^* and lab^*icu^*

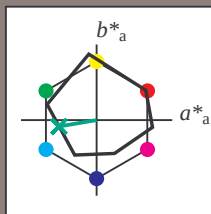
Hue texts:

$u_e^* = g25b$ $u_d^* = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

	u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}: 56 -50 -8$

$\text{LAB}^*\text{LCH}^*_{Ma}: 56 50 189$

$\text{lab}^*\text{rgb}^*_{Ma}: 0.0 1.0 0.5$

$\text{lab}^*\text{olv}^*_{Ma}: 0.0 1.0 0.36$

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

$g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data

	u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25		$m84o$
$r25j$	55.85	52.39	47.48	70.7	42		$o17y$
$r50j$	65.45	35.22	58.37	68.17	59		$o42y$
$r75j$	75.19	17.82	69.41	71.66	76		$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92		$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110		$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127		$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145		$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162		$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190		$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217		$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244		$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272		$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300		$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329		$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357		$m11o$

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

data for any colour:

lab^*tch^* and lab^*icu^*

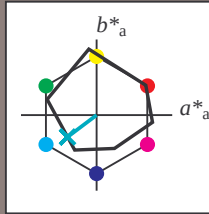
Hue texts:

$u^*_e = g50b$ $u^*_d = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 58 -38 -29$

$LAB^*LCH^*_{Ma}: 58 48 216$

$lab^*rgb^*_{Ma}: 0.0 1.0 1.0$

$lab^*olv^*_{Ma}: 0.0 1.0 0.72$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25		$m84o$
$r25j$	55.85	52.39	47.48	70.7	42		$o17y$
$r50j$	65.45	35.22	58.37	68.17	59		$o42y$
$r75j$	75.19	17.82	69.41	71.66	76		$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92		$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110		$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127		$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145		$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162		$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190		$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217		$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244		$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272		$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300		$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329		$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357		$m11o$

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

data for any colour:

lab^*tch^* and lab^*icu^*

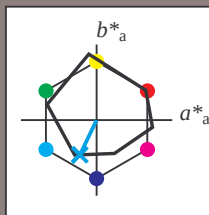
Hue texts:

$u^*_e = g75b$ $u^*_d = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -22 -46

$LAB^*LCH^*_{Ma}$: 55 51 244

$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0

$lab^*olv^*_{Ma}$: 0.0 0.89 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25		$m84o$
$r25j$	55.85	52.39	47.48	70.7	42		$o17y$
$r50j$	65.45	35.22	58.37	68.17	59		$o42y$
$r75j$	75.19	17.82	69.41	71.66	76		$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92		$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110		$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127		$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145		$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162		$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190		$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217		$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244		$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272		$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300		$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329		$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357		$m11o$

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

lab^*tch^* and lab^*icu^*

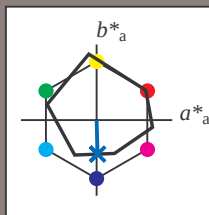
Hue texts:

$u^*_e = b00r$ $u^*_d = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -45

$LAB^*LCH^*_{Ma}$: 42 45 271

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.44 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u^*_e = b00r$

lab^*olv^*

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

brilliantness i^*

$i^* = 0.75$

$i^* = 0.50$

$i^* \pm 0.25$
0.25

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

lab^*tch^* and lab^*icu^*

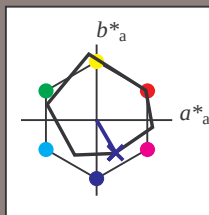
Hue texts:

$u^*_e = b25r$ $u^*_d = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 29 \ 25 \ -43$

$LAB^*LCH^*_{Ma}: 29 \ 50 \ 300$

$lab^*rgb^*_{Ma}: 0.5 \ 0.0 \ 1.0$

$lab^*olv^*_{Ma}: 0.04 \ 0.0 \ 1.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u^*_e = b25r$

lab^*olv^*

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

relative chroma c^*

1,00

0,75

0,50

0,25

0,00

$r00j$
1.0
1.0
1.0

$b25r$
0.76
0.75
1.0

$b25r$
0.52
0.5
1.0

$b25r$
0.28
0.25
1.0

$b25r$
0.04
0.0
1.0

$b25r$
0.26
0.25
0.5

$b25r$
0.27
0.25
0.75

$b25r$
0.03
0.0
0.75

$b25r$
0.01
0.0
0.25

$b25r$
0.02
0.0
0.5

$r00j$
0.25
0.25
0.25

$r00j$
0.0
0.0
0.0

$i^* = 0,00$

$i^* \pm 0,25$
0,25

0,50

relative chroma c^*

0,75

1,00

brilliantness i^*

$i^* = 0,75$

$i^* = 0,50$

1,00

0,75

0,25

0,00

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Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

lab^*tch^* and lab^*icu^*

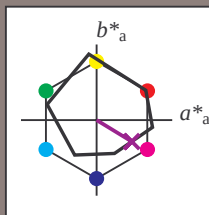
Hue texts:

$u^*_e = b50r$ $u^*_d = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

$LAB^*LCH^*_{Ma}$: 38 55 328

$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.56 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$	
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$	
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$	
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$	
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$	
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$	
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$	
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$	
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$	
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$	
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$	
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$	
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$	
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$	
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$	
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$	

lab^*olv^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

data for any colour:

lab^*tch^* and lab^*icu^*

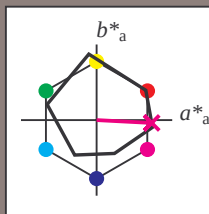
Hue texts:

$u^*_e = b75r$ $u^*_d = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u^*_e	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 49 \ 73 \ -4$

$LAB^*LCH^*_{Ma}: 49 \ 73 \ 357$

$lab^*rgb^*_{Ma}: 1.0 \ 0.0 \ 0.5$

$lab^*olv^*_{Ma}: 1.0 \ 0.0 \ 0.89$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u^*_e = b75r$

lab^*olv^*

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

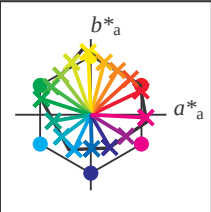
relative chroma c^*

$i^* = 0.00$

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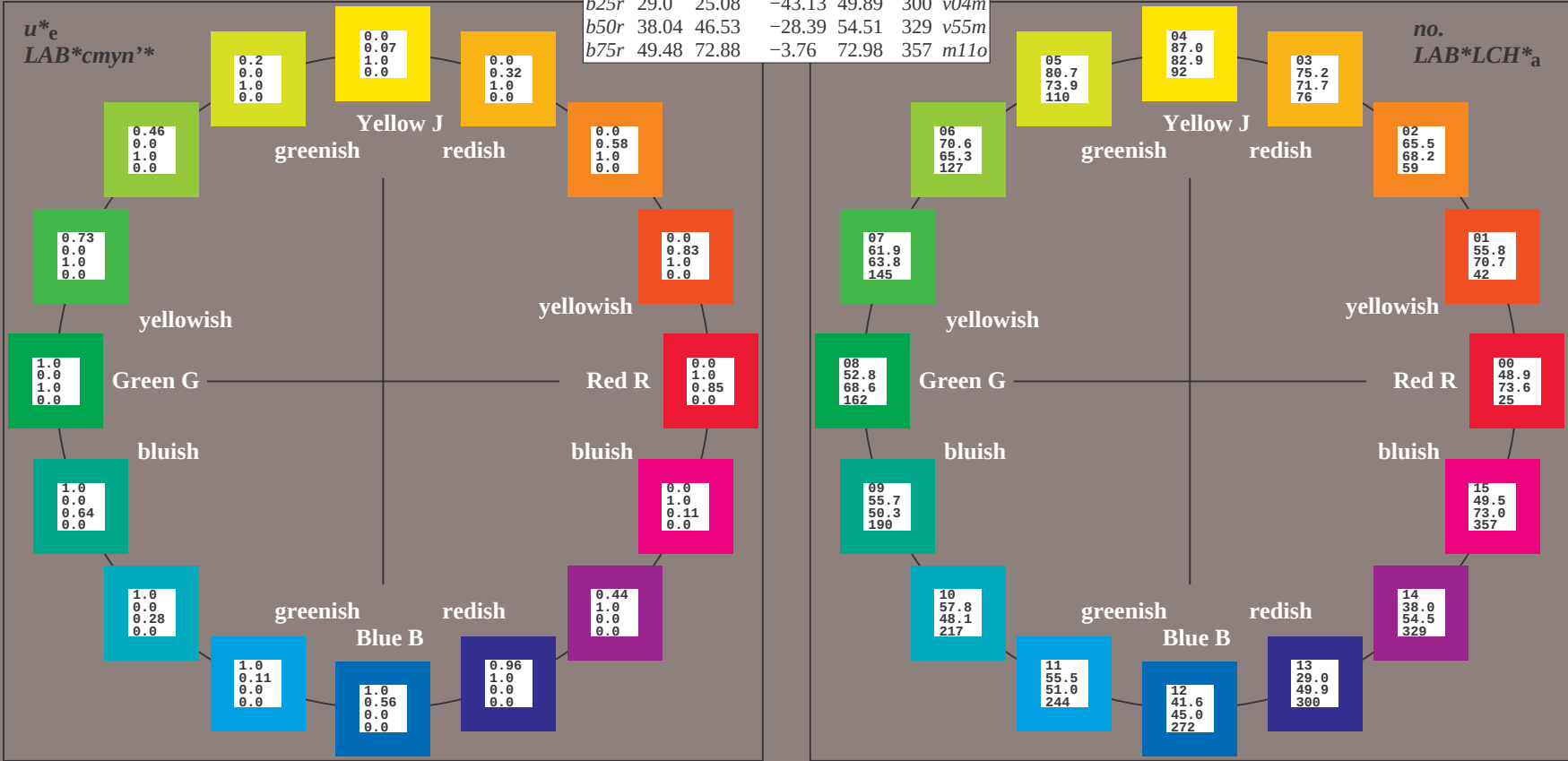
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u_e^* and number $no.$ = 00 .. 15
elementary hue text:
 $u_e^* = 16$ hues $r00j, r25j, ..., b75r$
contrast reduction factor:
 $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$



%Gamut
 $u_{rel}^* = 89$
%Regularity
 $g_{H,rel}^* = 72$
 $g_{C,rel}^* = 57$

ORS19_96a; CIELAB data					
Name	$L^*=L^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.89	71.56	71.62	92
G_{CIE}	52.23	-42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.071$
data for any colour:

lab^*tch^* and lab^*icu^*

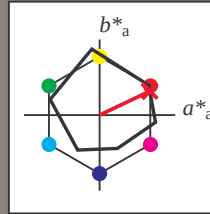
Hue texts:

$u^*_e = r00j$ $u^*_d = m84o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}: 49\ 66\ 32$

$\text{LAB}^*\text{LCH}^*_{Ma}: 49\ 74\ 25$

$\text{lab}^*\text{rgb}^*_{Ma}: 1.0\ 0.0\ 0.0$

$\text{lab}^*\text{olv}^*_{Ma}: 1.0\ 0.0\ 0.15$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$\text{LAB}^*\text{cmyn}^*$

$i^*=1.00$

$i^*=0.80$

brilliantness i^*

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.117$
data for any colour:

lab^*tch^* and lab^*icu^*

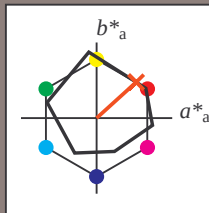
Hue texts:

$u_e^* = r25j$ $u_d^* = o17y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 56 52 47

$\text{LAB}^*\text{LCH}^*_{Ma}$: 56 71 42

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.25 0.0

$\text{lab}^*\text{olv}^*_{Ma}$: 1.0 0.17 0.0

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

$g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$\text{LAB}^*\text{cmyn}^*$

$i^* = 1.00$

$i^* = 0.80$

brilliantness i^*

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.164$

data for any colour:

lab^*tch^* and lab^*icu^*

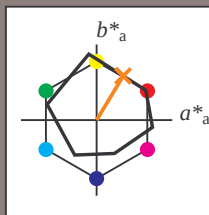
Hue texts:

$u_e^* = r50j$ $u_d^* = o42y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 65 35 58

$\text{LAB}^*\text{LCH}^*_{Ma}$: 65 68 58

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.5 0.0

$\text{lab}^*\text{olv}^*_{Ma}$: 1.0 0.42 0.0

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

$g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*_a	b^*_a	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$\text{LAB}^*\text{cmyn}^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

data for any colour:

lab^*tch^* and lab^*icu^*

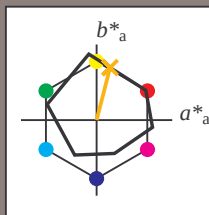
Hue texts:

$u_e^* = r75j$ $u_d^* = o67y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 18 69

$LAB^*LCH^*_{Ma}$: 75 72 75

$lab^*rgb^*_{Ma}$: 1.0 0.75 0.0

$lab^*olv^*_{Ma}$: 1.0 0.68 0.0

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$LAB^*cmy^n^*$

$i^*=1.00$

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 ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.256$

data for any colour:

lab^*tch^* and lab^*icu^*

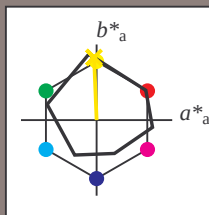
Hue texts:

$u_e^* = j00g$ $u_d^* = o92y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}: 87 \ -3 \ 83$

$\text{LAB}^*\text{LCH}^*_{Ma}: 87 \ 83 \ 92$

$\text{lab}^*\text{rgb}^*_{Ma}: 1.0 \ 1.0 \ 0.0$

$\text{lab}^*\text{olv}^*_{Ma}: 1.0 \ 0.93 \ 0.0$

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

$g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$\text{LAB}^*\text{cmyn}^*$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.305$

data for any colour:

lab^*tch^* and lab^*icu^*

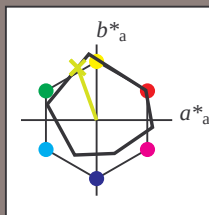
Hue texts:

$u_e^* = j25g$ $u_d^* = y20l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 81 -25 69

$\text{LAB}^*\text{LCH}^*_{Ma}$: 81 74 109

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.75 1.0 0.0

$\text{lab}^*\text{olv}^*_{Ma}$: 0.8 1.0 0.0

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

$g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$\text{LAB}^*\text{cmyn}^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

lab^*tch^* and lab^*icu^*

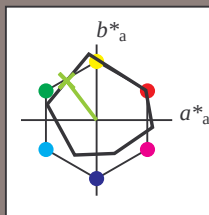
Hue texts:

$u^*_e = j50g$ $u^*_d = y46l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u^*_e	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 71 -40 52$

$LAB^*LCH^*_{Ma}: 71 65 127$

$lab^*rgb^*_{Ma}: 0.5 1.0 0.0$

$lab^*olv^*_{Ma}: 0.54 1.0 0.0$

triangle lightness t^*

% Gamut

$u^*_{rel} = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$LAB^*cmy^n^*$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.402$

data for any colour:

lab^*tch^* and lab^*icu^*

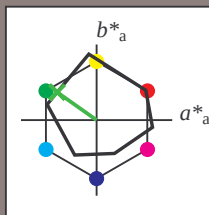
Hue texts:

$u_e^* = j75g$ $u_d^* = y72l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

	u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32	
Y_M	90.92	-10.78	89.36	90.01	97	
L_M	52.69	-65.4	22.15	69.05	161	
C_M	59.61	-29.04	-44.69	53.3	237	
V_M	28.39	24.0	-43.18	49.4	299	
M_M	49.58	74.01	-8.22	74.47	354	
N_M	18.89	0.5	0.77	0.92	57	
W_M	96.9	-0.57	2.23	2.3	104	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 62 -52 37

$\text{LAB}^*\text{LCH}^*_{Ma}$: 62 64 144

$\text{lab}^*\text{rgb}^*_{Ma}$: 0.25 1.0 0.0

$\text{lab}^*\text{olv}^*_{Ma}$: 0.27 1.0 0.0

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

$g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data

	u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$	
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$	
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$	
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$	
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$	
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$	
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$	
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$	
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$	
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$	
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$	
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$	
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$	
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$	
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$	
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$	

$\text{LAB}^*\text{cmyn}^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.451$

data for any colour:

lab^*tch^* and lab^*icu^*

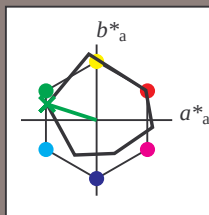
Hue texts:

$u_e^* = g00b$ $u_d^* = y99l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}: 53 -65 21$

$\text{LAB}^*\text{LCH}^*_{Ma}: 53 69 162$

$\text{lab}^*\text{rgb}^*_{Ma}: 0.0 1.0 0.0$

$\text{lab}^*\text{olv}^*_{Ma}: 0.0 1.0 0.0$

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

$g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$\text{LAB}^*\text{cmyn}^*$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.527$

data for any colour:

lab^*tch^* and lab^*icu^*

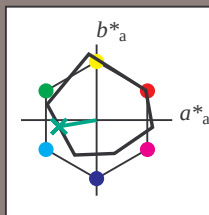
Hue texts:

$u_e^* = g25b$ $u_d^* = l36c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}: 56 -50 -8$

$\text{LAB}^*\text{LCH}^*_{Ma}: 56 50 189$

$\text{lab}^*\text{rgb}^*_{Ma}: 0.0 1.0 0.5$

$\text{lab}^*\text{olv}^*_{Ma}: 0.0 1.0 0.36$

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$\text{LAB}^*\text{cmyn}^*$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

data for any colour:

lab^*tch^* and lab^*icu^*

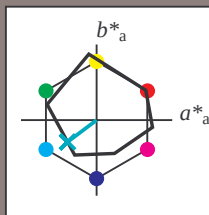
Hue texts:

$u_e^* = g50b$ $u_d^* = l72c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -38 -29

$LAB^*LCH^*_{Ma}$: 58 48 216

$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0

$lab^*olv^*_{Ma}$: 0.0 1.0 0.72

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

LAB^*cmyn^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

data for any colour:

lab^*tch^* and lab^*icu^*

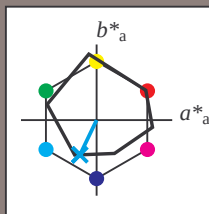
Hue texts:

$u_e^* = g75b$ $u_d^* = c11v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -22 -46

$LAB^*LCH^*_{Ma}$: 55 51 244

$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0

$lab^*olv^*_{Ma}$: 0.0 0.89 1.0

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

$g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u_e^* = g75b$

LAB^*cmyn^*

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.755$

data for any colour:

lab^*tch^* and lab^*icu^*

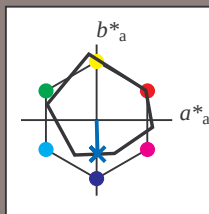
Hue texts:

$u_e^* = b00r$ $u_d^* = c56v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}: 42 \ 1 \ -45$

$\text{LAB}^*\text{LCH}^*_{Ma}: 42 \ 45 \ 271$

$\text{lab}^*\text{rgb}^*_{Ma}: 0.0 \ 0.0 \ 1.0$

$\text{lab}^*\text{olv}^*_{Ma}: 0.0 \ 0.44 \ 1.0$

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

$g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u_e^* = b00r$

$\text{LAB}^*\text{cmyn}^*$

$\text{LAB}^*\text{cmyn}^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.834$

data for any colour:

lab^*tch^* and lab^*icu^*

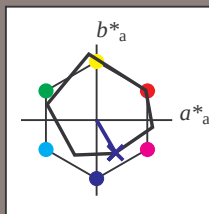
Hue texts:

$u_e^* = b25r$ $u_d^* = v04m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}: 29 \ 25 \ -43$

$\text{LAB}^*\text{LCH}^*_{Ma}: 29 \ 50 \ 300$

$\text{lab}^*\text{rgb}^*_{Ma}: 0.5 \ 0.0 \ 1.0$

$\text{lab}^*\text{olv}^*_{Ma}: 0.04 \ 0.0 \ 1.0$

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u_e^* = b25r$

$\text{LAB}^*\text{cmyn}^*$

$\text{LAB}^*\text{cmyn}^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

lab^*tch^* and lab^*icu^*

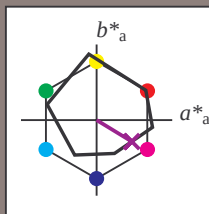
Hue texts:

$u_e^* = b50r$ $u_d^* = v55m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 47 -28

$LAB^*LCH^*_{Ma}$: 38 55 328

$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.56 0.0 1.0

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g_{H,rel}^* = 72$

$g_{C,rel}^* = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$u_e^* = b50r$

LAB^*cmyn^*

LAB^*cmyn^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.992$

data for any colour:

lab^*tch^* and lab^*icu^*

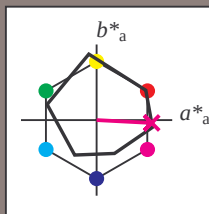
Hue texts:

$u_e^* = b75r$ $u_d^* = m11o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	C_{ab}^*	h_{ab}^*
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	-10.78	89.36	90.01	97
L_M	52.69	-65.4	22.15	69.05	161
C_M	59.61	-29.04	-44.69	53.3	237
V_M	28.39	24.0	-43.18	49.4	299
M_M	49.58	74.01	-8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	-0.57	2.23	2.3	104
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}: 49 \ 73 \ -4$

$\text{LAB}^*\text{LCH}^*_{Ma}: 49 \ 73 \ 357$

$\text{lab}^*\text{rgb}^*_{Ma}: 1.0 \ 0.0 \ 0.5$

$\text{lab}^*\text{olv}^*_{Ma}: 1.0 \ 0.0 \ 0.89$

triangle lightness t^*

% Gamut

$u_{rel}^* = 89$

% Regularity

$g^*_{H,rel} = 72$

$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
$r00j$	48.88	66.47	31.67	73.63	25	$m84o$
$r25j$	55.85	52.39	47.48	70.7	42	$o17y$
$r50j$	65.45	35.22	58.37	68.17	59	$o42y$
$r75j$	75.19	17.82	69.41	71.66	76	$o67y$
$j00g$	87.03	-3.35	82.83	82.9	92	$o92y$
$j25g$	80.72	-25.01	69.5	73.86	110	$y20l$
$j50g$	70.64	-39.54	51.97	65.3	127	$y46l$
$j75g$	61.93	-52.1	36.83	63.8	145	$y72l$
$g00b$	52.8	-65.28	20.93	68.56	162	$y99l$
$g25b$	55.7	-49.58	-8.39	50.28	190	$l36c$
$g50b$	57.82	-38.4	-28.92	48.07	217	$l72c$
$g75b$	55.5	-22.05	-45.95	50.97	244	$c11v$
$b00r$	41.6	1.37	-45.01	45.03	272	$c56v$
$b25r$	29.0	25.08	-43.13	49.89	300	$v04m$
$b50r$	38.04	46.53	-28.39	54.51	329	$v55m$
$b75r$	49.48	72.88	-3.76	72.98	357	$m11o$

$\text{LAB}^*\text{cmyn}^*$

$i^*=1.00$

$i^*=0.80$

brilliantness i^*

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

$i^* = 0.00$

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*cmyn'*
01	000																																					