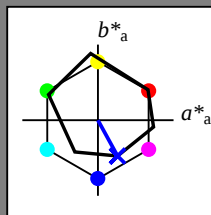


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.83$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	46.89	66.19	40.28	77.48	31	
Y _{Ma}	88.66	-9.62	88.21	88.73	96	
L _{Ma}	54.22	-65.29	33.87	73.56	153	
C _{Ma}	61.43	-30.53	-42.04	51.96	234	
V _{Ma}	25.93	25.95	-47.37	54.01	299	
M _{Ma}	47.92	73.53	-9.02	74.08	353	
N _{Ma}	20.41	0.0	0.0	0.0	0	
W _{Ma}	94.64	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 26 26 -47

$\text{LAB}^*\text{LCH}^*_{Ma}$: 26 54 298

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

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

triangle lightness t^*

%Gamut

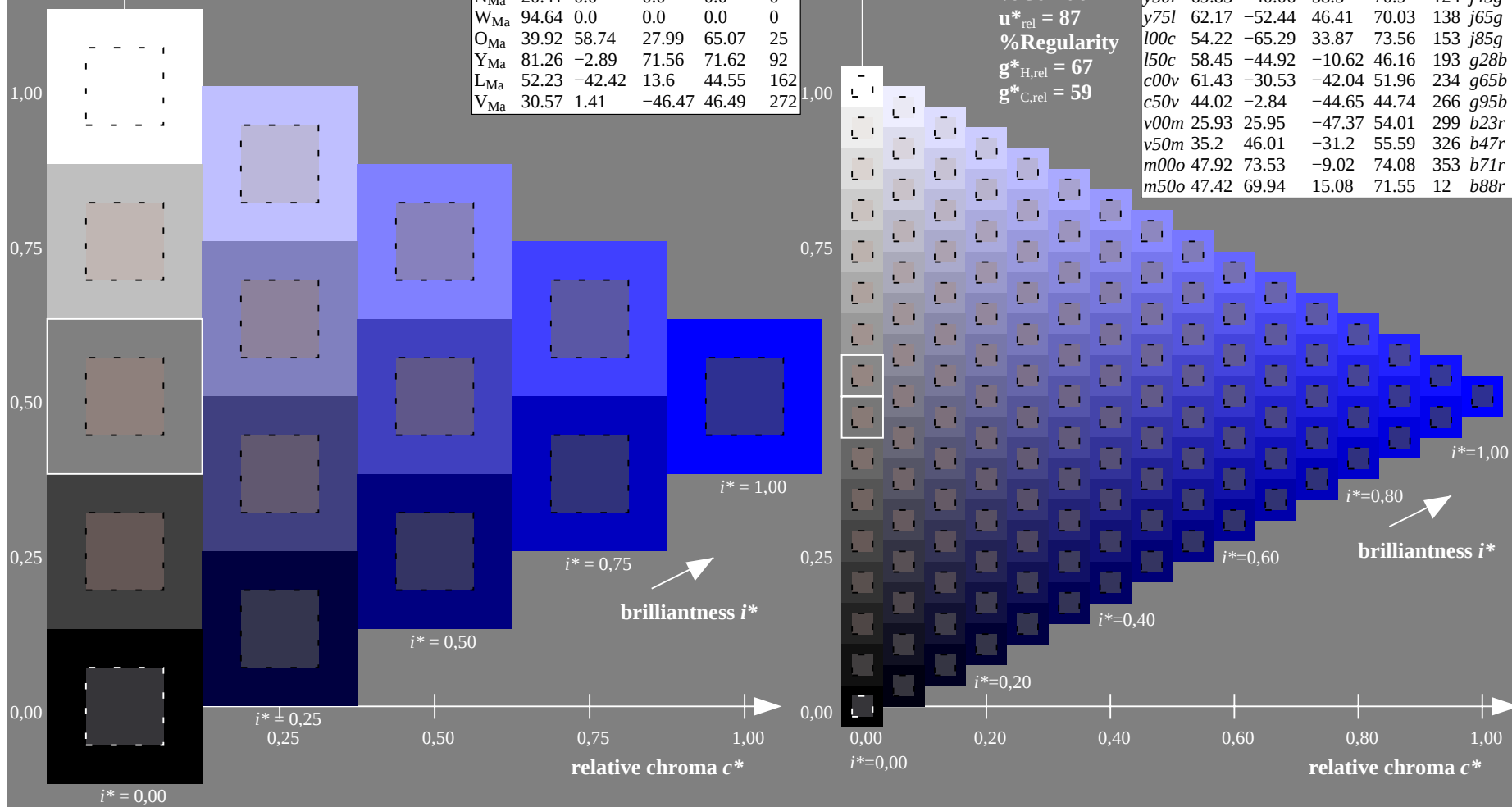
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

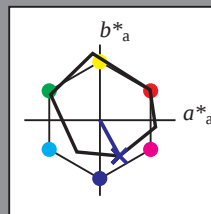
$g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	-9.62	88.21	88.73	96	j06g
y25l	78.19	-26.54	71.69	76.45	110	j25g
y50l	69.83	-40.06	58.5	70.9	124	j45g
y75l	62.17	-52.44	46.41	70.03	138	j65g
l00c	54.22	-65.29	33.87	73.56	153	j85g
l50c	58.45	-44.92	-10.62	46.16	193	g28b
c00v	61.43	-30.53	-42.04	51.96	234	g65b
c50v	44.02	-2.84	-44.65	44.74	266	g95b
v00m	25.93	25.95	-47.37	54.01	299	b23r
v50m	35.2	46.01	-31.2	55.59	326	b47r
m00o	47.92	73.53	-9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.83$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	46.89	66.19	40.28	77.48	31	
Y _{Ma}	88.66	-9.62	88.21	88.73	96	
L _{Ma}	54.22	-65.29	33.87	73.56	153	
C _{Ma}	61.43	-30.53	-42.04	51.96	234	
V _{Ma}	25.93	25.95	-47.37	54.01	299	
M _{Ma}	47.92	73.53	-9.02	74.08	353	
N _{Ma}	20.41	0.0	0.0	0.0	0	
W _{Ma}	94.64	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 26 26 -47

$LAB^*LCH^*_{Ma}$: 26 54 298

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

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

triangle lightness t^*

%Gamut

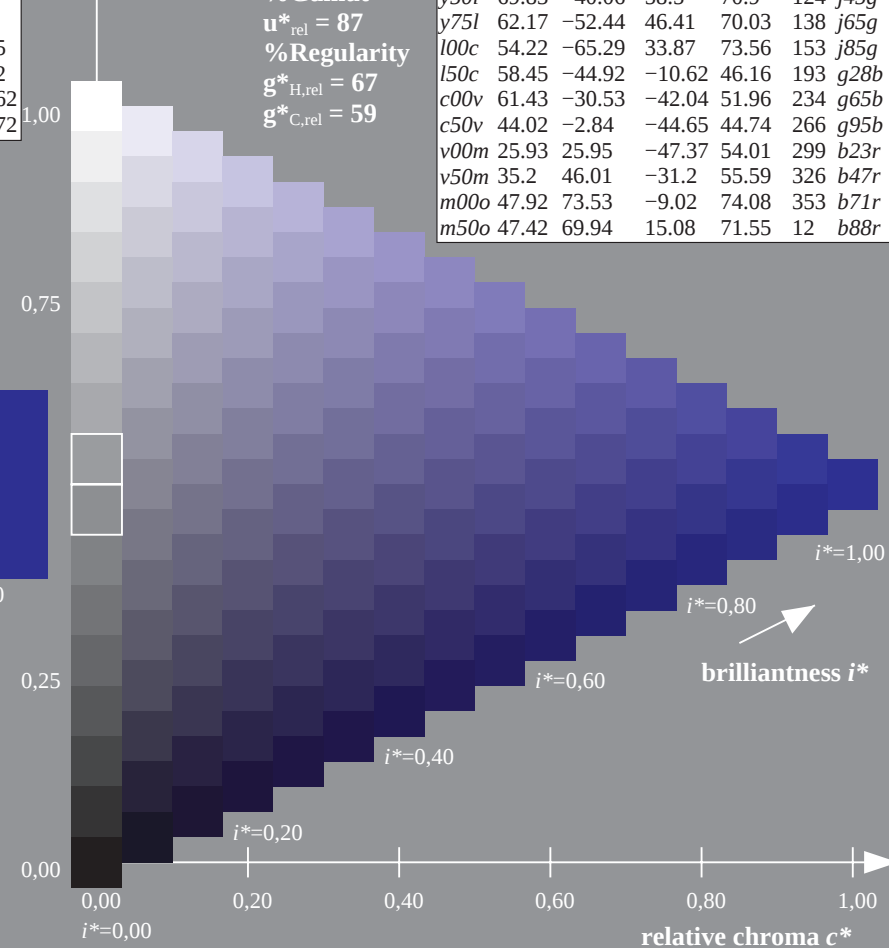
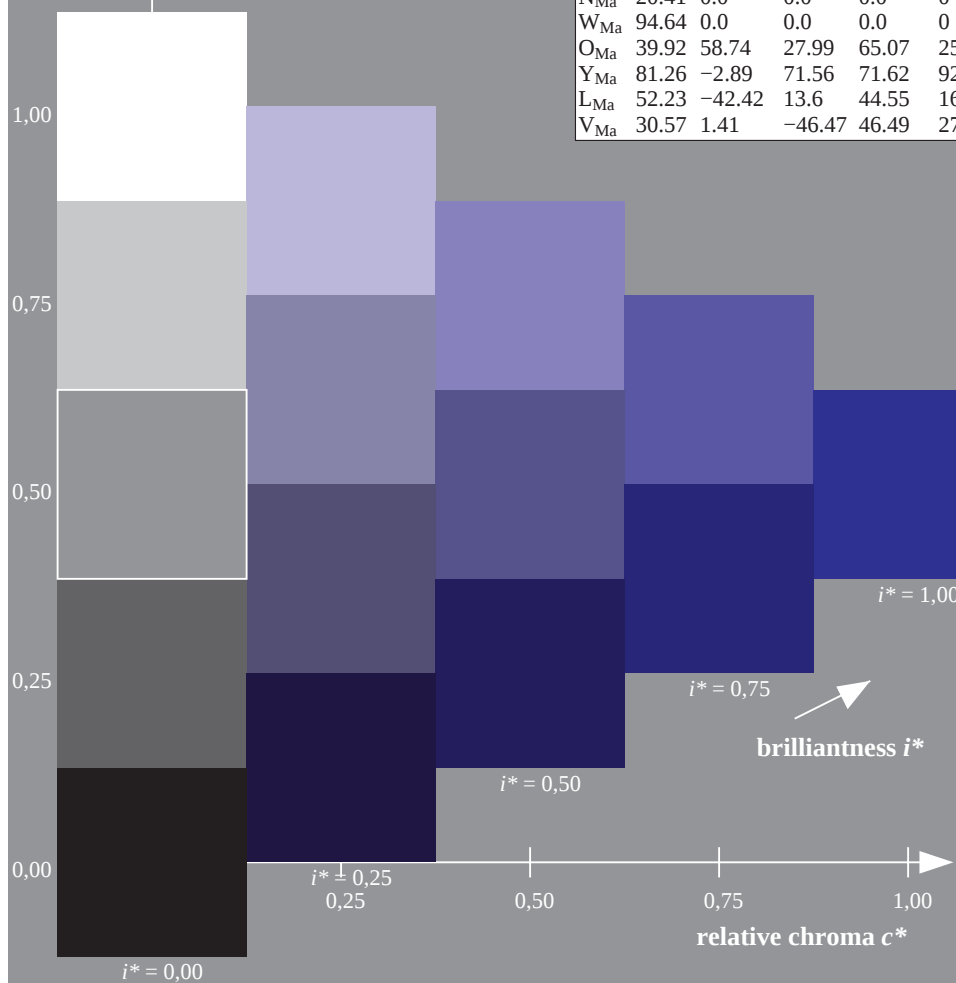
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

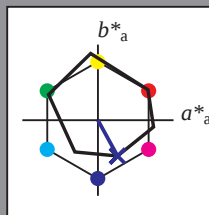
$g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	46.89	66.19	40.28	77.48	31	r09j	
o25y	57.13	47.6	52.04	70.52	48	r33j	
o50y	66.36	30.85	62.62	69.81	64	r57j	
o75y	76.18	13.03	73.89	75.03	80	r81j	
y00l	88.66	-9.62	88.21	88.73	96	j06g	
y25l	78.19	-26.54	71.69	76.45	110	j25g	
y50l	69.83	-40.06	58.5	70.9	124	j45g	
y75l	62.17	-52.44	46.41	70.03	138	j65g	
l00c	54.22	-65.29	33.87	73.56	153	j85g	
l50c	58.45	-44.92	-10.62	46.16	193	g28b	
c00v	61.43	-30.53	-42.04	51.96	234	g65b	
c50v	44.02	-2.84	-44.65	44.74	266	g95b	
v00m	25.93	25.95	-47.37	54.01	299	b23r	
v50m	35.2	46.01	-31.2	55.59	326	b47r	
m00o	47.92	73.53	-9.02	74.08	353	b71r	
m50o	47.42	69.94	15.08	71.55	12	b88r	



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.83$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	46.89	66.19	40.28	77.48	31	
Y _{Ma}	88.66	-9.62	88.21	88.73	96	
L _{Ma}	54.22	-65.29	33.87	73.56	153	
C _{Ma}	61.43	-30.53	-42.04	51.96	234	
V _{Ma}	25.93	25.95	-47.37	54.01	299	
M _{Ma}	47.92	73.53	-9.02	74.08	353	
N _{Ma}	20.41	0.0	0.0	0.0	0	
W _{Ma}	94.64	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 26 26 -47

$LAB^*LCH^*_{Ma}$: 26 54 298

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

$g^*_{H,rel} = 67$

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

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	-9.62	88.21	88.73	96	j06g
y25l	78.19	-26.54	71.69	76.45	110	j25g
y50l	69.83	-40.06	58.5	70.9	124	j45g
y75l	62.17	-52.44	46.41	70.03	138	j65g
l00c	54.22	-65.29	33.87	73.56	153	j85g
l50c	58.45	-44.92	-10.62	46.16	193	g28b
c00v	61.43	-30.53	-42.04	51.96	234	g65b
c50v	44.02	-2.84	-44.65	44.74	266	g95b
v00m	25.93	25.95	-47.37	54.01	299	b23r
v50m	35.2	46.01	-31.2	55.59	326	b47r
m00o	47.92	73.53	-9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.83$

data for any colour:

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

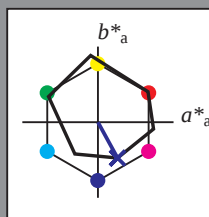
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	46.89	66.19	40.28	77.48	31	
Y _{Ma}	88.66	-9.62	88.21	88.73	96	
L _{Ma}	54.22	-65.29	33.87	73.56	153	
C _{Ma}	61.43	-30.53	-42.04	51.96	234	
V _{Ma}	25.93	25.95	-47.37	54.01	299	
M _{Ma}	47.92	73.53	-9.02	74.08	353	
N _{Ma}	20.41	0.0	0.0	0.0	0	
W _{Ma}	94.64	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 26 26 -47

$LAB^*LCH^*_{Ma}$: 26 54 298

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

$g^*_{H,rel} = 67$

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

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	-9.62	88.21	88.73	96	j06g
y25l	78.19	-26.54	71.69	76.45	110	j25g
y50l	69.83	-40.06	58.5	70.9	124	j45g
y75l	62.17	-52.44	46.41	70.03	138	j65g
l00c	54.22	-65.29	33.87	73.56	153	j85g
l50c	58.45	-44.92	-10.62	46.16	193	g28b
c00v	61.43	-30.53	-42.04	51.96	234	g65b
c50v	44.02	-2.84	-44.65	44.74	266	g95b
v00m	25.93	25.95	-47.37	54.01	299	b23r
v50m	35.2	46.01	-31.2	55.59	326	b47r
m00o	47.92	73.53	-9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

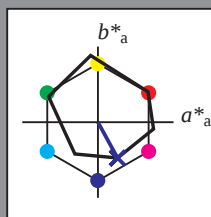
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.83$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y _{Ma}	88.66	-9.62	88.21	88.73	96	r33j
L _{Ma}	54.22	-65.29	33.87	73.56	153	r57j
C _{Ma}	61.43	-30.53	-42.04	51.96	234	r81j
V _{Ma}	25.93	25.95	-47.37	54.01	299	j06g
M _{Ma}	47.92	73.53	-9.02	74.08	353	j25g
N _{Ma}	20.41	0.0	0.0	0.0	0	j45g
W _{Ma}	94.64	0.0	0.0	0.0	0	j65g
O _{Ma}	39.92	58.74	27.99	65.07	25	j85g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g28b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g65b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g95b

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 26 26 -47

$LAB^*LCH^*_Ma$: 26 54 298

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

$lab^*rgb^*_Ma$: 0.47 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

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

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	-9.62	88.21	88.73	96	j06g
y25l	78.19	-26.54	71.69	76.45	110	j25g
y50l	69.83	-40.06	58.5	70.9	124	j45g
y75l	62.17	-52.44	46.41	70.03	138	j65g
l00c	54.22	-65.29	33.87	73.56	153	j85g
l50c	58.45	-44.92	-10.62	46.16	193	g28b
c00v	61.43	-30.53	-42.04	51.96	234	g65b
c50v	44.02	-2.84	-44.65	44.74	266	g95b
v00m	25.93	25.95	-47.37	54.01	299	b23r
v50m	35.2	46.01	-31.2	55.59	326	b47r
m00o	47.92	73.53	-9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

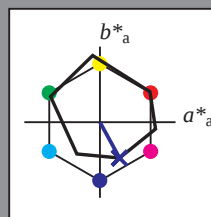
$u^*_d = v00m$
 $LAB^*LAB^*_a$

$LAB^*LAB^*_a$

brilliantness i^*

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.83$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y _{Ma}	88.66	-9.62	88.21	88.73	96	r33j
L _{Ma}	54.22	-65.29	33.87	73.56	153	r57j
C _{Ma}	61.43	-30.53	-42.04	51.96	234	r81j
V _{Ma}	25.93	25.95	-47.37	54.01	299	j06g
M _{Ma}	47.92	73.53	-9.02	74.08	353	j25g
N _{Ma}	20.41	0.0	0.0	0.0	0	j45g
W _{Ma}	94.64	0.0	0.0	0.0	0	j65g
O _{Ma}	39.92	58.74	27.99	65.07	25	j85g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g28b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g65b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g95b

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 26 26 -47

$LAB^*LCH^*_{Ma}$: 26 54 298

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

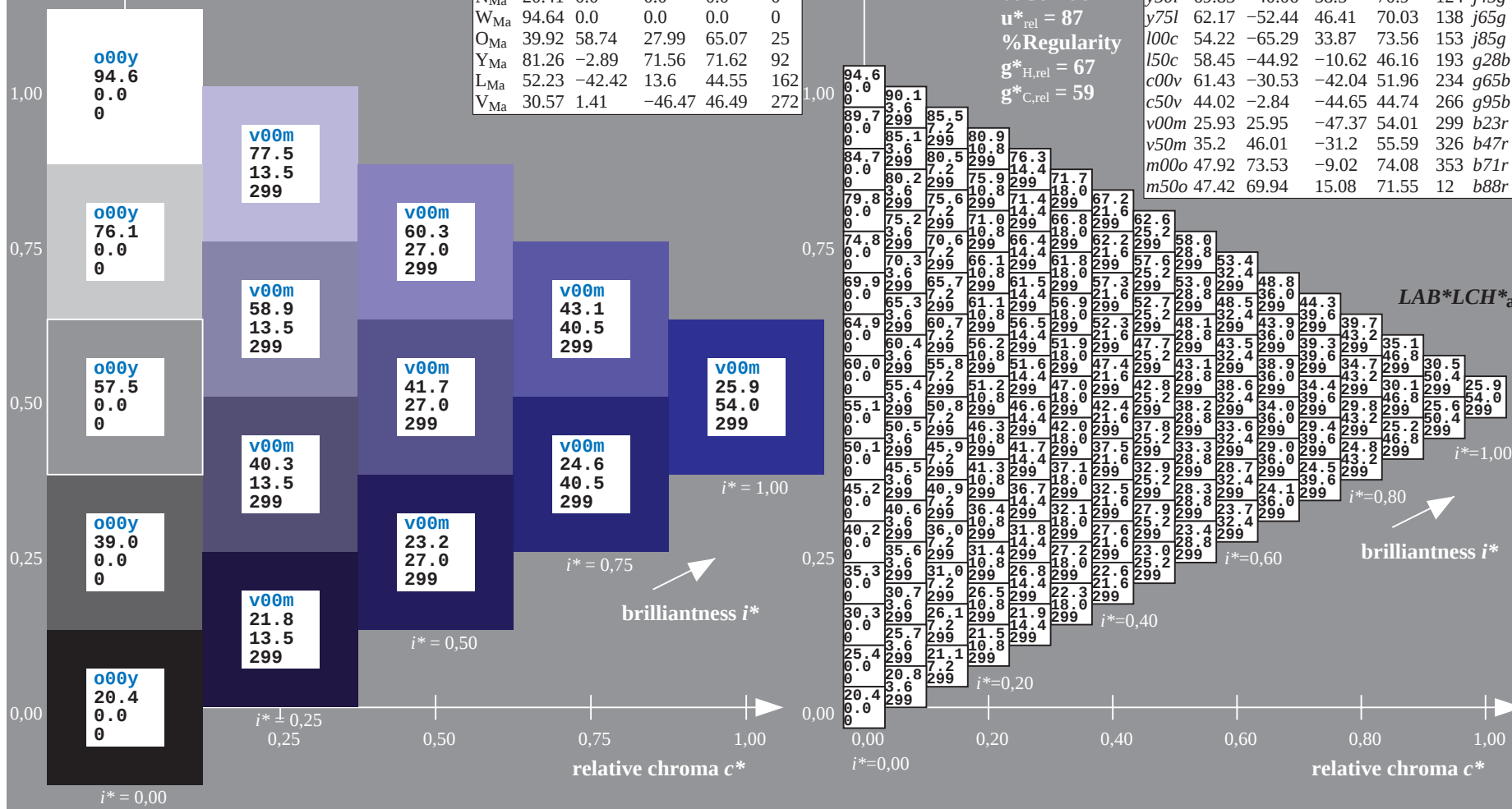
% Regularity

$g^*_{H,rel} = 67$

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

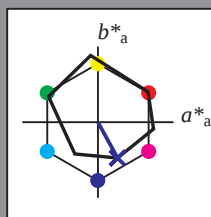
ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	-9.62	88.21	88.73	96	j06g
y25l	78.19	-26.54	71.69	76.45	110	j25g
y50l	69.83	-40.06	58.5	70.9	124	j45g
y75l	62.17	-52.44	46.41	70.03	138	j65g
l00c	54.22	-65.29	33.87	73.56	153	j85g
l50c	58.45	-44.92	-10.62	46.16	193	g28b
c00v	61.43	-30.53	-42.04	51.96	234	g65b
c50v	44.02	-2.84	-44.65	44.74	266	g95b
v00m	25.93	25.95	-47.37	54.01	299	b23r
v50m	35.2	46.01	-31.2	55.59	326	b47r
m00o	47.92	73.53	-9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

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



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.83$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y _{Ma}	88.66	-9.62	88.21	88.73	96	r33j
L _{Ma}	54.22	-65.29	33.87	73.56	153	r57j
C _{Ma}	61.43	-30.53	-42.04	51.96	234	r81j
V _{Ma}	25.93	25.95	-47.37	54.01	299	j06g
M _{Ma}	47.92	73.53	-9.02	74.08	353	j25g
N _{Ma}	20.41	0.0	0.0	0.0	0	j45g
W _{Ma}	94.64	0.0	0.0	0.0	0	j65g
O _{Ma}	39.92	58.74	27.99	65.07	25	j85g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g28b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g65b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g95b

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 26 26 -47

$\text{LAB}^*\text{LCH}^*_{Ma}$: 26 54 298

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 87$

% Regularity

$g^*_{H,rel} = 67$

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

ORS20_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	-9.62	88.21	88.73	96	j06g
y25l	78.19	-26.54	71.69	76.45	110	j25g
y50l	69.83	-40.06	58.5	70.9	124	j45g
y75l	62.17	-52.44	46.41	70.03	138	j65g
l00c	54.22	-65.29	33.87	73.56	153	j85g
l50c	58.45	-44.92	-10.62	46.16	193	g28b
c00v	61.43	-30.53	-42.04	51.96	234	g65b
c50v	44.02	-2.84	-44.65	44.74	266	g95b
v00m	25.93	25.95	-47.37	54.01	299	b23r
v50m	35.2	46.01	-31.2	55.59	326	b47r
m00o	47.92	73.53	-9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

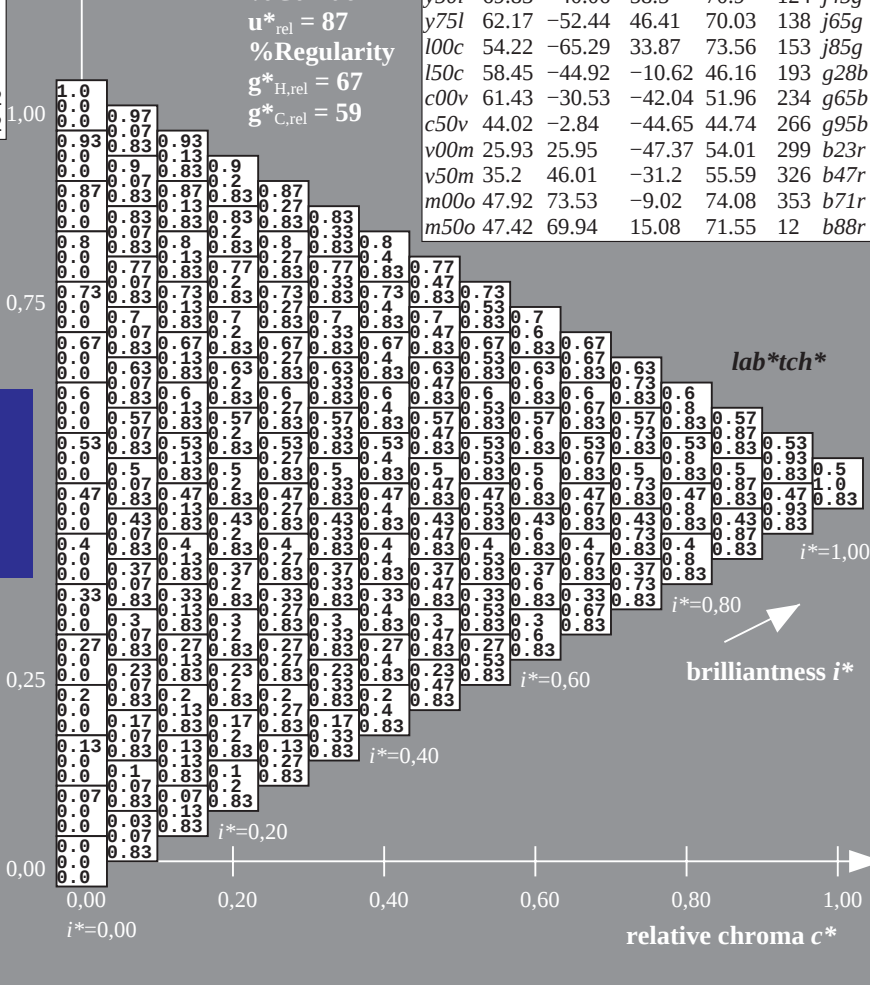
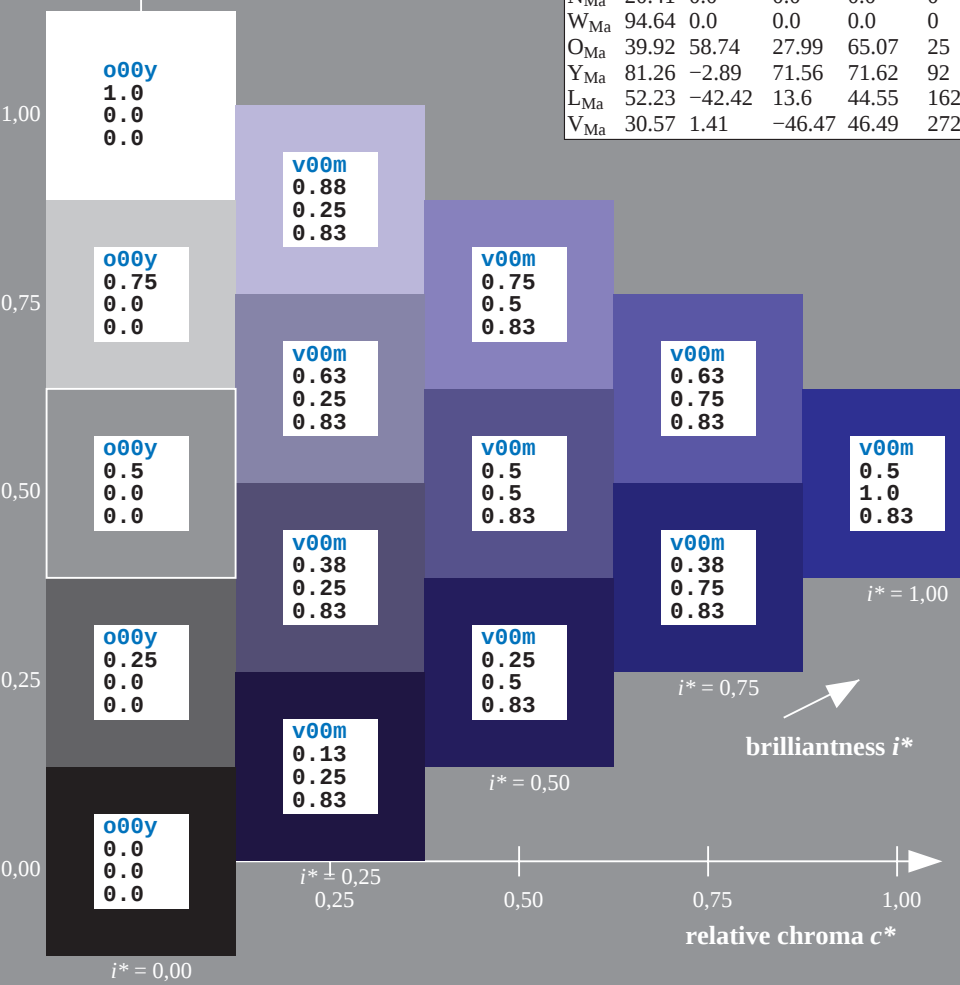
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



See for similar files: <http://www.ps.barn.de/Fe58>; www.ps.barn.de/Fe.HTM
 Technical information: <http://www.ps.barn.de> Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-F-58/10L/L58e00NA.TXT/.PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS20_95, $L^*=20_{95}$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.83$ data for any colour: Data for maximum colour (Ma):

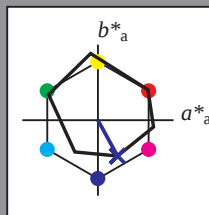
$$u_d^* = v_{00m} \frac{lab^* icu^*}{e}$$

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

Hue texts:

$$u_d^* = v00m \quad u_e^* = b23r$$

contrast reduction factor:

$$c_D = 1.0$$
triangle lightness t^* 

ORS20_95a; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	46.89	66.19	40.28	77.48	31	
Y _{Ma}	88.66	-9.62	88.21	88.73	96	
L _{Ma}	54.22	-65.29	33.87	73.56	153	
C _{Ma}	61.43	-30.53	-42.04	51.96	234	
V _{Ma}	25.93	25.95	-47.37	54.01	299	
M _{Ma}	47.92	73.53	-9.02	74.08	353	
N _{Ma}	20.41	0.0	0.0	0.0	0	
W _{Ma}	94.64	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB*LAB*Ma: 26 26 -47

LAB*LCH*M_a: 26 54 298

*lab*oly**M₃: 0.0 0.0 1.0

$$lab*rah*Ms: 0.47 \quad 0.0 \quad 1.0$$
triangle lightness t^*

triangle lightness:

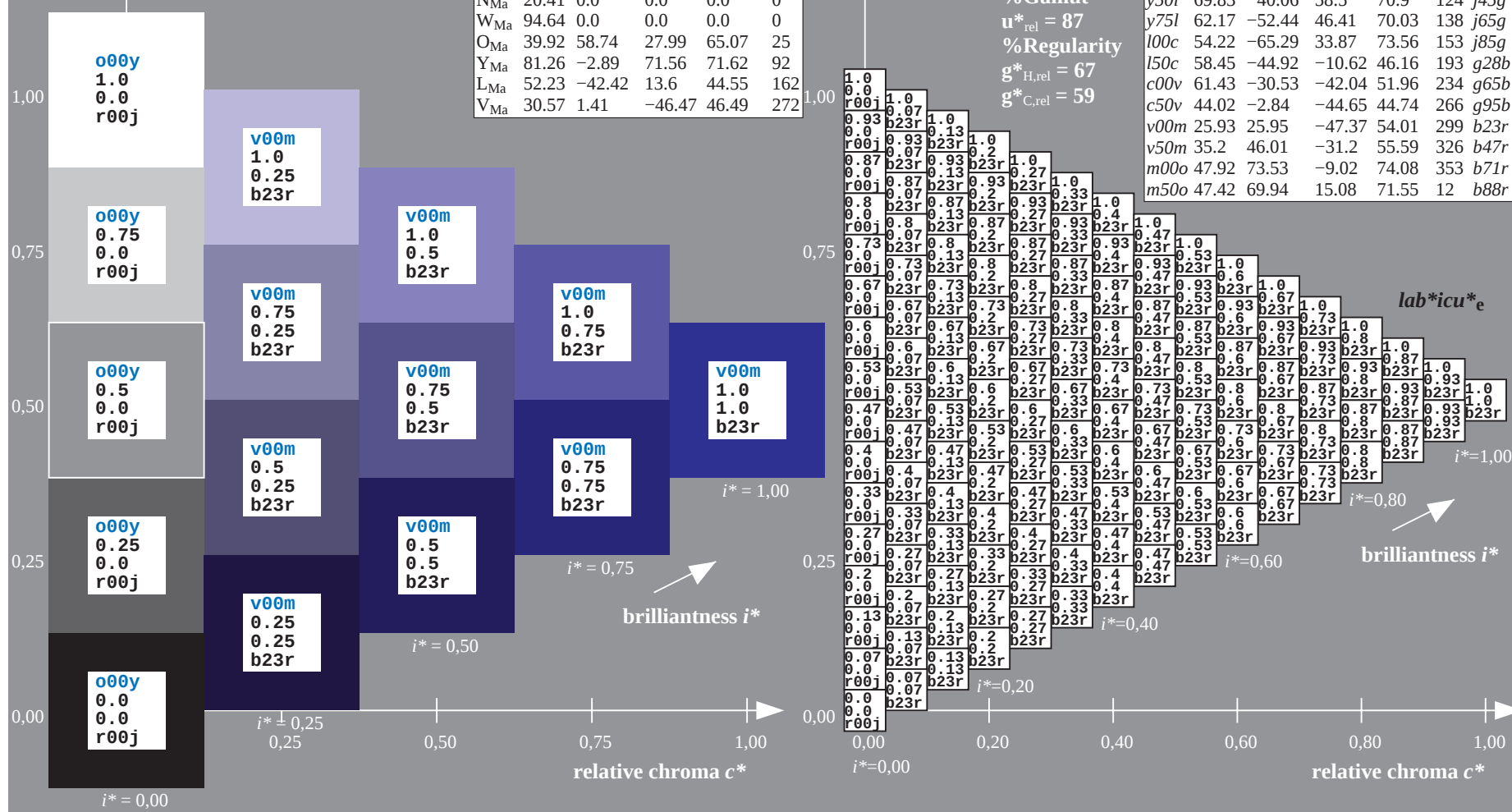
%Gamut

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

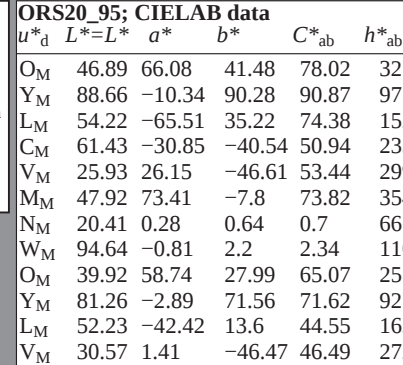
%Regular

$$g^*_{H,rel} = 67$$

ORS20_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	46.89	66.19	40.28	77.48	31	<i>r09y</i>	
<i>o25y</i>	57.13	47.6	52.04	70.52	48	<i>r33y</i>	
<i>o50y</i>	66.36	30.85	62.62	69.81	64	<i>r57y</i>	
<i>o75y</i>	76.18	13.03	73.89	75.03	80	<i>r81y</i>	
<i>y00l</i>	88.66	-9.62	88.21	88.73	96	<i>j06g</i>	
<i>y25l</i>	78.19	-26.54	71.69	76.45	110	<i>j25g</i>	
<i>y50l</i>	69.83	-40.06	58.5	70.9	124	<i>j45g</i>	
<i>y75l</i>	62.17	-52.44	46.41	70.03	138	<i>j65g</i>	
<i>l00c</i>	54.22	-65.29	33.87	73.56	153	<i>j85g</i>	
<i>l50c</i>	58.45	-44.92	-10.62	46.16	193	<i>g28b</i>	
<i>c00v</i>	61.43	-30.53	-42.04	51.96	234	<i>g65b</i>	
<i>c50v</i>	44.02	-2.84	-44.65	44.74	266	<i>g95b</i>	
<i>v00m</i>	25.93	25.95	-47.37	54.01	299	<i>b23r</i>	
<i>v50m</i>	35.2	46.01	-31.2	55.59	326	<i>b47r</i>	
<i>m00o</i>	47.92	73.53	-9.02	74.08	353	<i>b71r</i>	
<i>m50o</i>	47.42	69.94	15.08	71.55	12	<i>b88r</i>	



$$u_d^* = v_{00m}$$

$$LAB^* LAB^*$$
triangle lightness t^* triangle lightness t^*
$$g^*_{C,rel} = 59$$

89.7	1.0	85.5	
-0.7	-1	2.8	

84.7	-1	80.5	-8
-0.7		2.9	
2	80.2	-4	75.9

0.6	75.2	2.9	71.0
2	1 2	5	4 7

2	70.3	-5	66.1
69.9	1.3	65.7	4.8

64.9	1.4	60.7	4.9
-0.4	-2	2.1	-8

60.0	-2	55.8	-8
-0.3	55.4	3.2	51.3

0.2	2	3.3	8
50.5	5	46.3	

1	0.2	45.5	5.4	41.3
15	1.6	12.6	5.2	

1	10.0	-5	90.4
40.2	1.7	36.0	5.2
2			8

$$\begin{array}{r} 35.3 \\ -0.1 \\ \hline \end{array} \quad \begin{array}{r} 1.8 \\ -2.0 \\ \hline \end{array} \quad \begin{array}{r} 31.0 \\ -3.6 \\ \hline \end{array} \quad \begin{array}{r} 5.3 \\ -9.3 \\ \hline \end{array}$$

30.3	-2	26.1	-9
0.1		3.7	
1	25.7	6	21.5

0.2	20.8	3.7	
1	2	6	$i^* = 0$

0,00 1 0,30

50 m50o output: -

$$u_d^* = v_{00m}$$

$$LAB^* LAB^*$$

BAM registration: 20081001-Fe58/10L/L58e00NA.TXT/.PS BAM material: code=rh44ta
- application for evaluation and measurement of printer or monitor systems

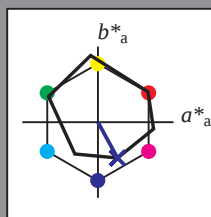
BAM material: code=rha4ta

```
input: 000n / w / nnn0 / www set...
output: ->cmyk6* setcmykcolor
```

output: $\rightarrow cmyk6^*$ setcmykcolor

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.83$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	46.89	66.08	41.48	78.02	32	
Y _M	88.66	-10.34	90.28	90.87	97	
L _M	54.22	-65.51	35.22	74.38	152	
C _M	61.43	-30.85	-40.54	50.94	233	
V _M	25.93	26.15	-46.61	53.44	299	
M _M	47.92	73.41	-7.8	73.82	354	
N _M	20.41	0.28	0.64	0.7	66	
W _M	94.64	-0.81	2.2	2.34	110	
O _M	39.92	58.74	27.99	65.07	25	
Y _M	81.26	-2.89	71.56	71.62	92	
L _M	52.23	-42.42	13.6	44.55	162	
V _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 26 26 -47

LAB^*LCH^*Ma : 26 54 298

lab^*olv^*Ma : 0.0 0.0 1.0

lab^*rgb^*Ma : 0.47 0.0 1.0

triangle lightness t^*

% Gamut

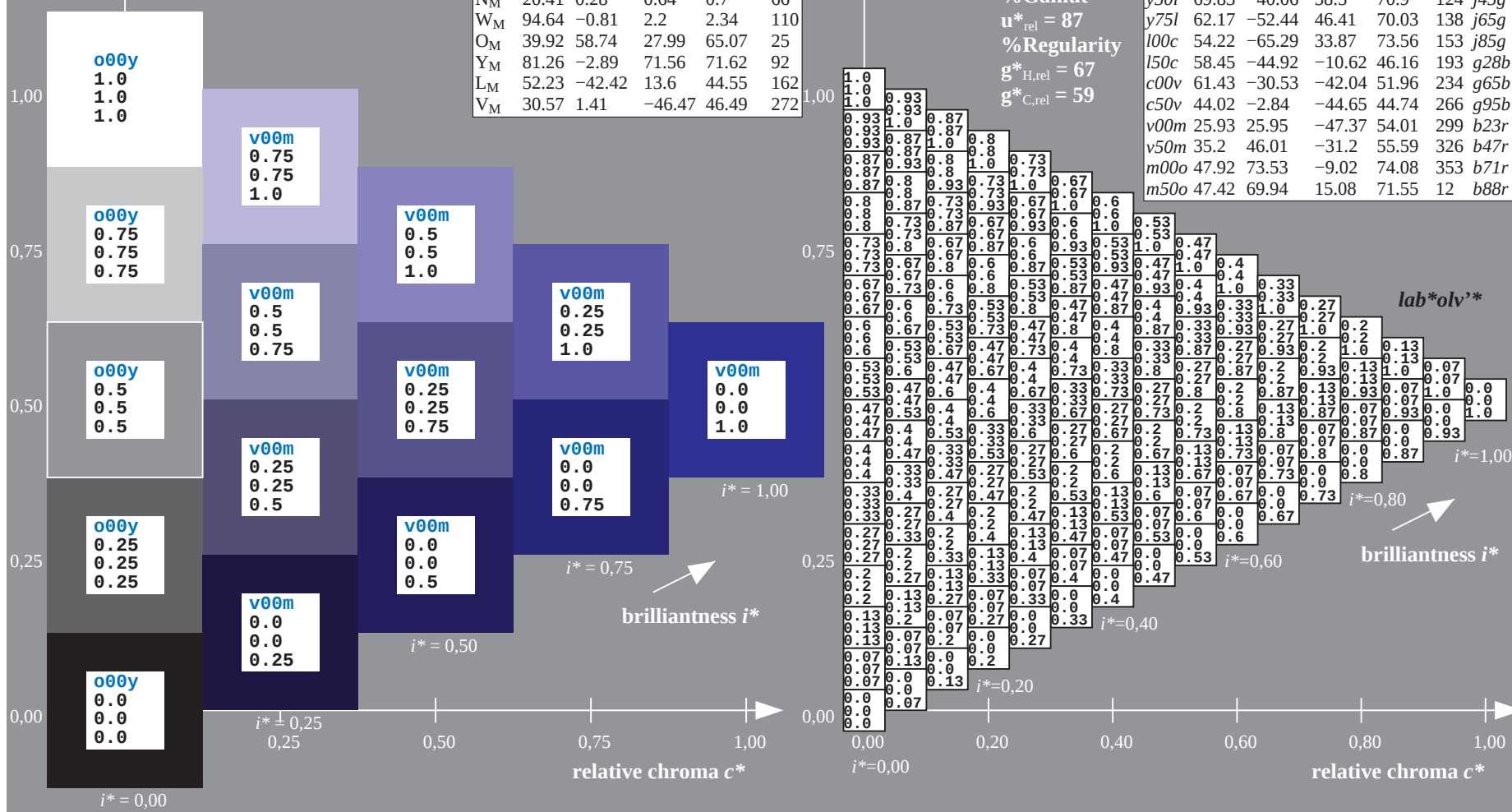
$u^*_{rel} = 87$

% Regularity

$g^*_{H,rel} = 67$

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

ORS20_95a; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	46.89	66.19	40.28	77.48	31	r09j		
o25y	57.13	47.6	52.04	70.52	48	r33j		
o50y	66.36	30.85	62.62	69.81	64	r57j		
o75y	76.18	13.03	73.89	75.03	80	r81j		
y00l	88.66	-9.62	88.21	88.73	96	j06g		
y25l	78.19	-26.54	71.69	76.45	110	j25g		
y50l	69.83	-40.06	58.5	70.9	124	j45g		
y75l	62.17	-52.44	46.41	70.03	138	j65g		
l00c	54.22	-65.29	33.87	73.56	153	j85g		
l50c	58.45	-44.92	-10.62	46.16	193	g28b		
c00v	61.43	-30.53	-42.04	51.96	234	g65b		
c50v	44.02	-2.84	-44.65	44.74	266	g95b		
v00m	25.93	25.95	-47.37	54.01	299	b23r		
v50m	35.2	46.01	-31.2	55.59	326	b47r		
m00o	47.92	73.53	-9.02	74.08	353	b71r		
m50o	47.42	69.94	15.08	71.55	12	b88r		



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.83$

data for any colour:

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

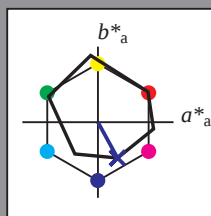
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	46.89	66.08	41.48	78.02	32
Y _M	88.66	-10.34	90.28	90.87	97
L _M	54.22	-65.51	35.22	74.38	152
C _M	61.43	-30.85	-40.54	50.94	233
V _M	25.93	26.15	-46.61	53.44	299
M _M	47.92	73.41	-7.8	73.82	354
N _M	20.41	0.28	0.64	0.7	66
W _M	94.64	-0.81	2.2	2.34	110
O _M	39.92	58.74	27.99	65.07	25
Y _M	81.26	-2.89	71.56	71.62	92
L _M	52.23	-42.42	13.6	44.55	162
V _M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 26 26 -47

LAB^*LCH^*Ma : 26 54 298

lab^*olv^*Ma : 0.0 0.0 1.0

lab^*rgb^*Ma : 0.47 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

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

ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	-9.62	88.21	88.73	96	j06g
y25l	78.19	-26.54	71.69	76.45	110	j25g
y50l	69.83	-40.06	58.5	70.9	124	j45g
y75l	62.17	-52.44	46.41	70.03	138	j65g
l00c	54.22	-65.29	33.87	73.56	153	j85g
l50c	58.45	-44.92	-10.62	46.16	193	g28b
c00v	61.43	-30.53	-42.04	51.96	234	g65b
c50v	44.02	-2.84	-44.65	44.74	266	g95b
v00m	25.93	25.95	-47.37	54.01	299	b23r
v50m	35.2	46.01	-31.2	55.59	326	b47r
m00o	47.92	73.53	-9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

$LAB^*cmy^n^*$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$