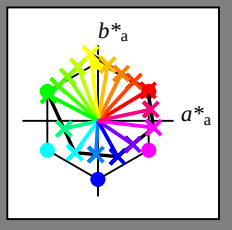
Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
***u**d and number *no.* = 00 .. 15**
device hue text:
u**d = 16 hues *o00y, o25y, ..., m50o
contrast reduction factor:
***c*R = 1.0**

ORS20_95a; adapted (a) CIELAB data

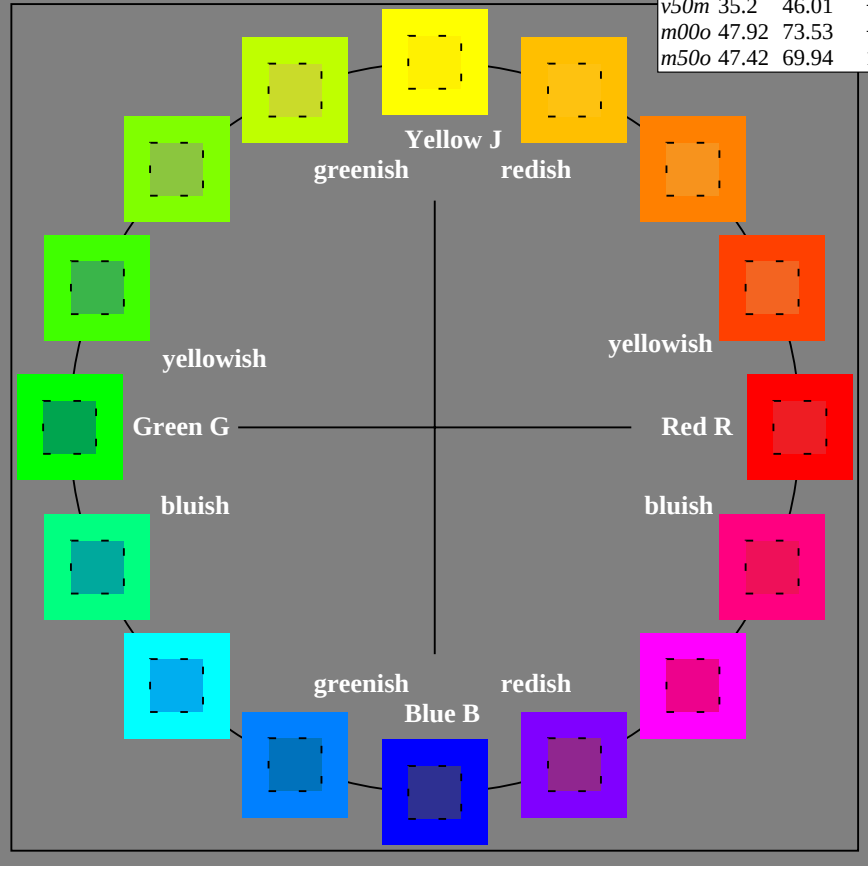
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	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*

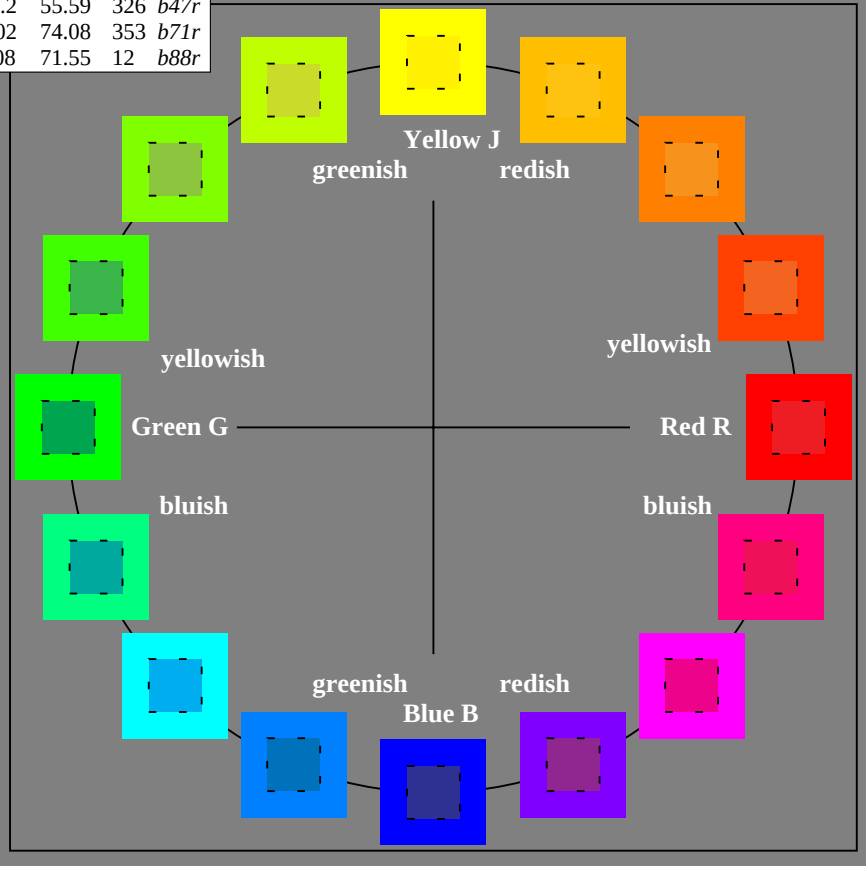


%Gamut
u*rel = 87
%Regularity
g*H,rel = 67
g*C,rel = 59

ORS20_95a; adapted (a) CIELAB data

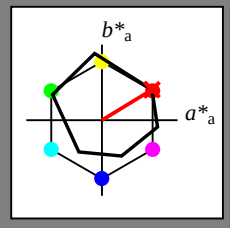
Name	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.087** **u^*_d = *o00y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o00y* u^*_e = *r09j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

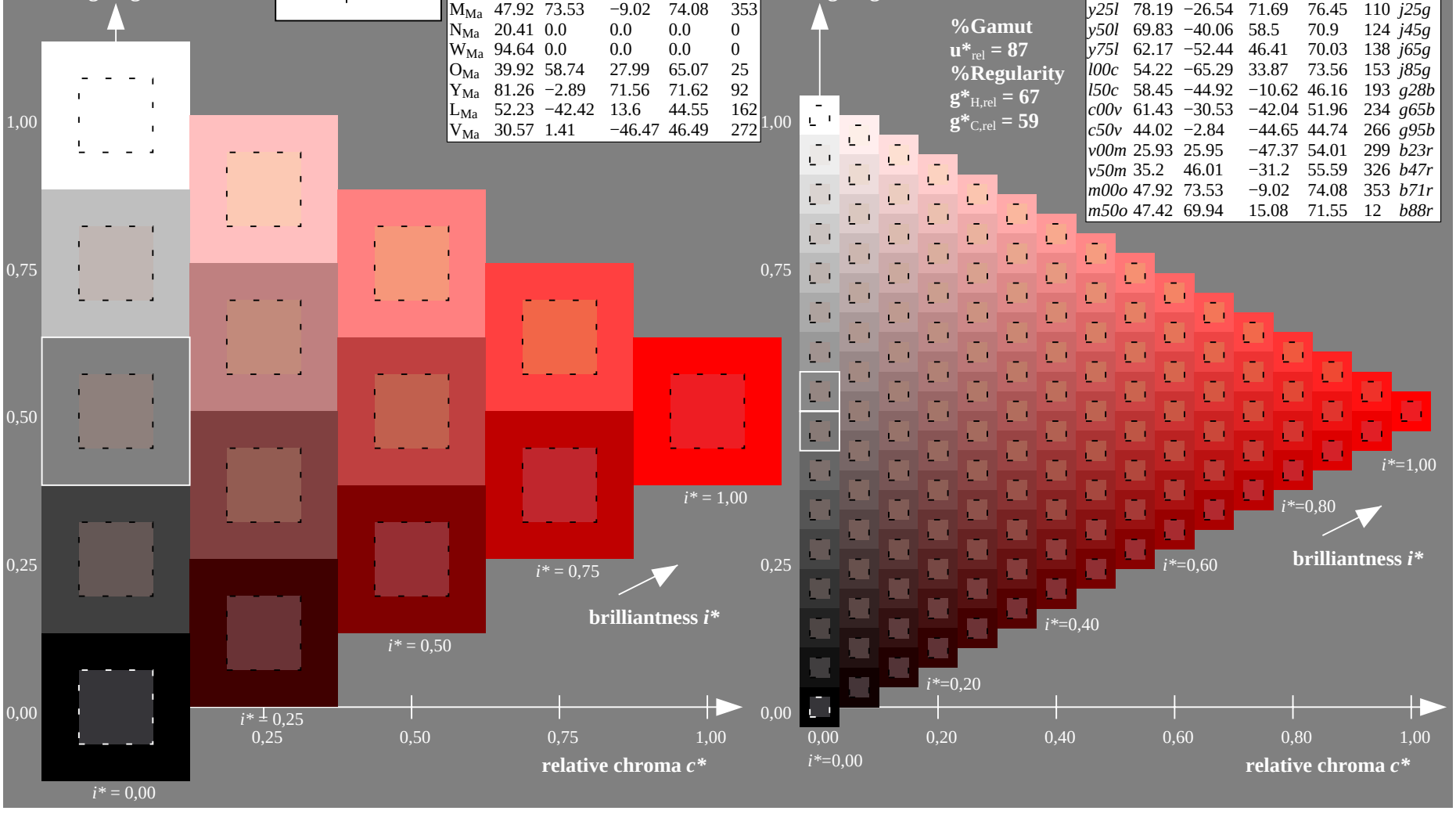
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 47 66 40**
LAB*LCH*$_{Ma}$**: 47 77 31**
lab*olv*$_{Ma}$**: 1.0 0.0 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.09 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

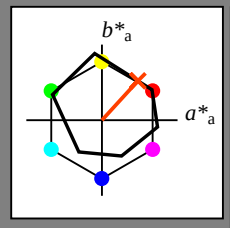
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.132**

u*d = o25y

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u*d = o25y ***u*e = r33j***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

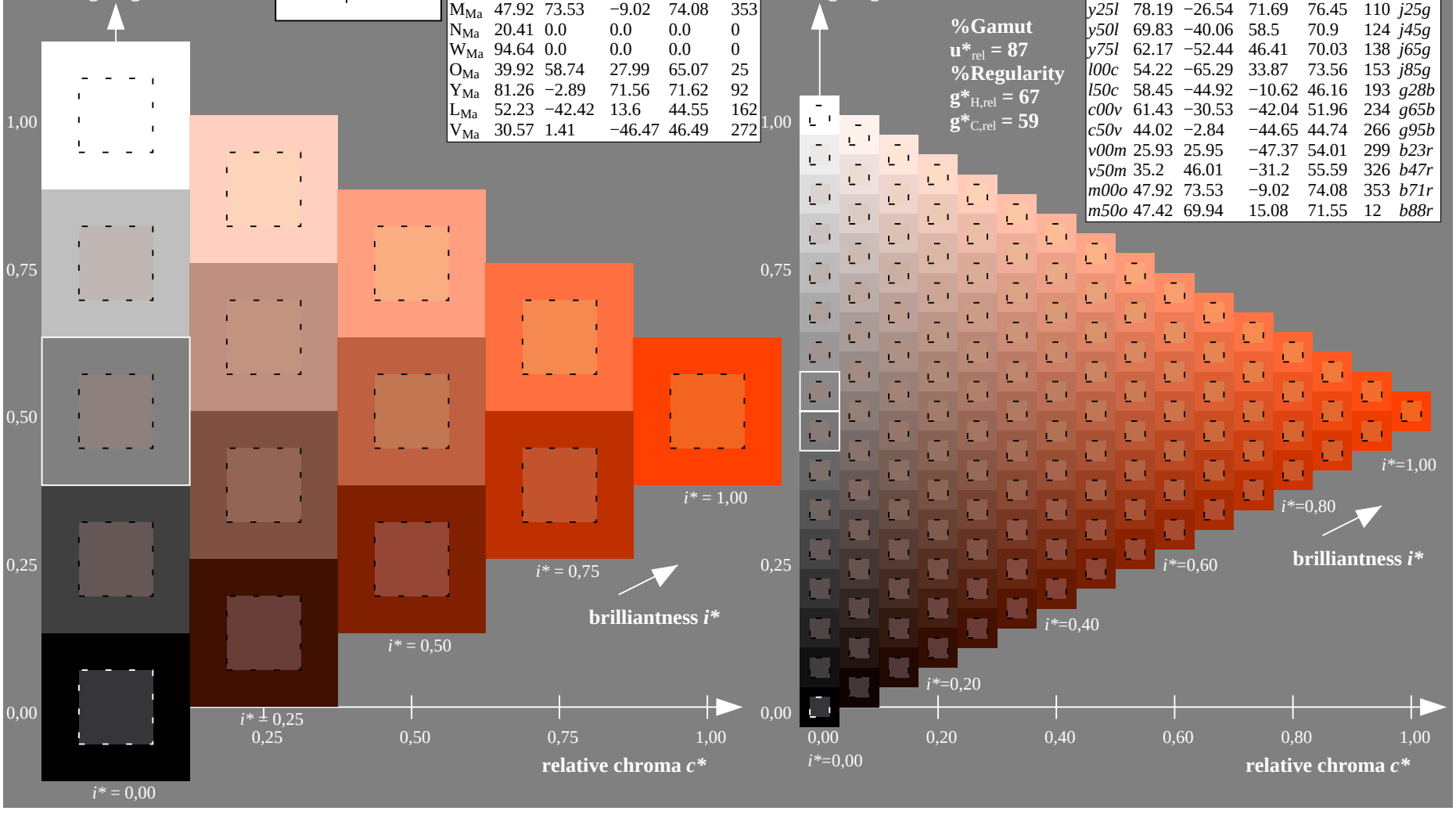
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*: 57 48 52**
***LAB*LCH**Ma*: 57 71 47**
***lab*olv**Ma*: 1.0 0.25 0.0**
***lab*rgb**Ma*: 1.0 0.33 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

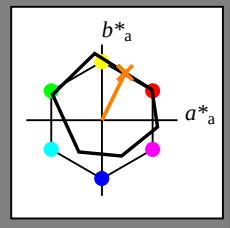
ORS20_95a; adapted (a) CIELAB data

*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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.177** **u^*_d = *o50y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

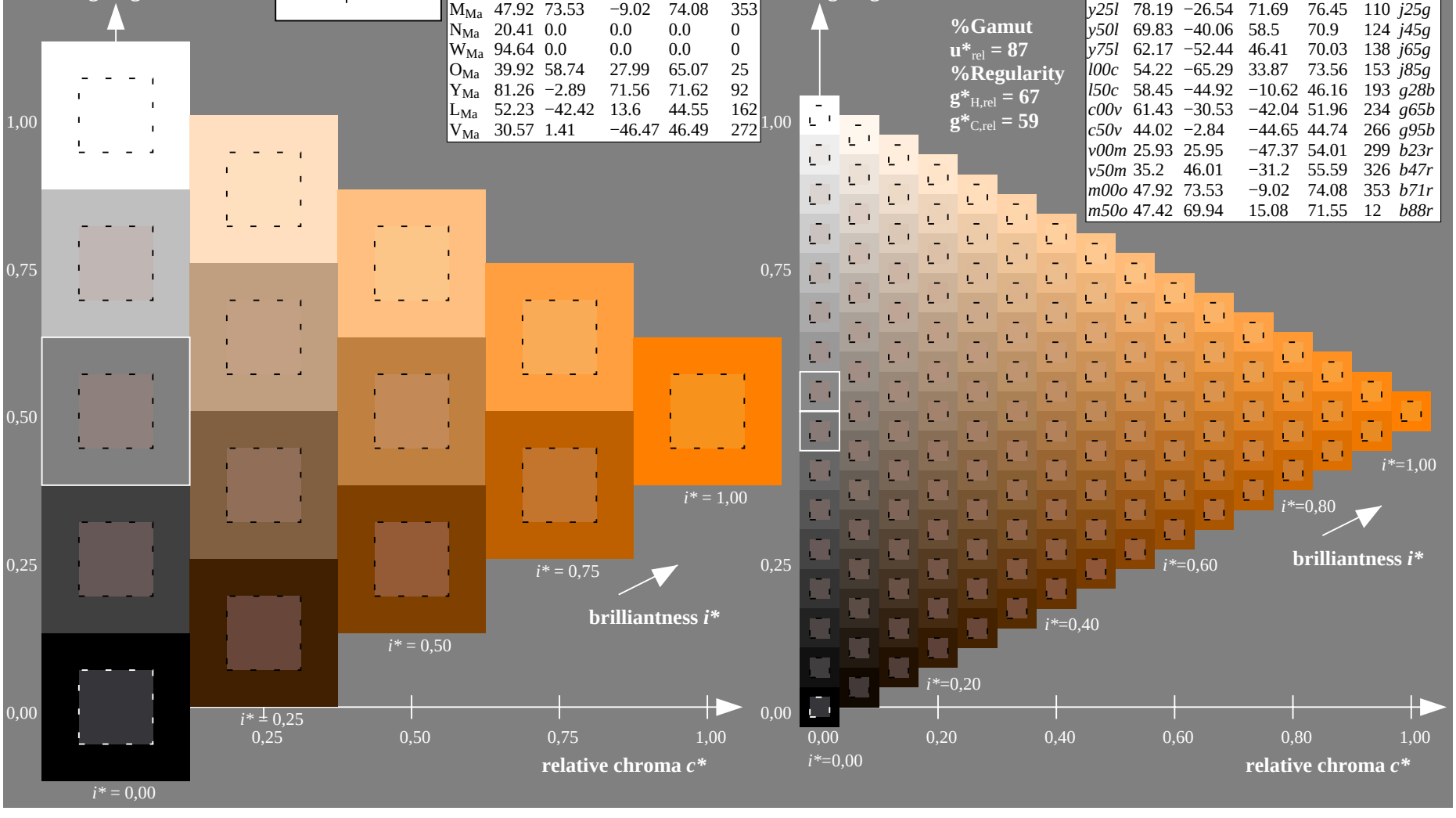
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 66 31 63**
LAB*LCH*$_{Ma}$**: 66 70 63**
lab*olv*$_{Ma}$**: 1.0 0.5 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.57 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

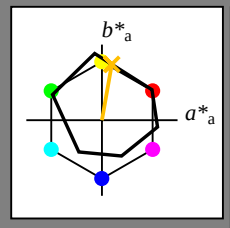
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.222** **u^*_d = *o75y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

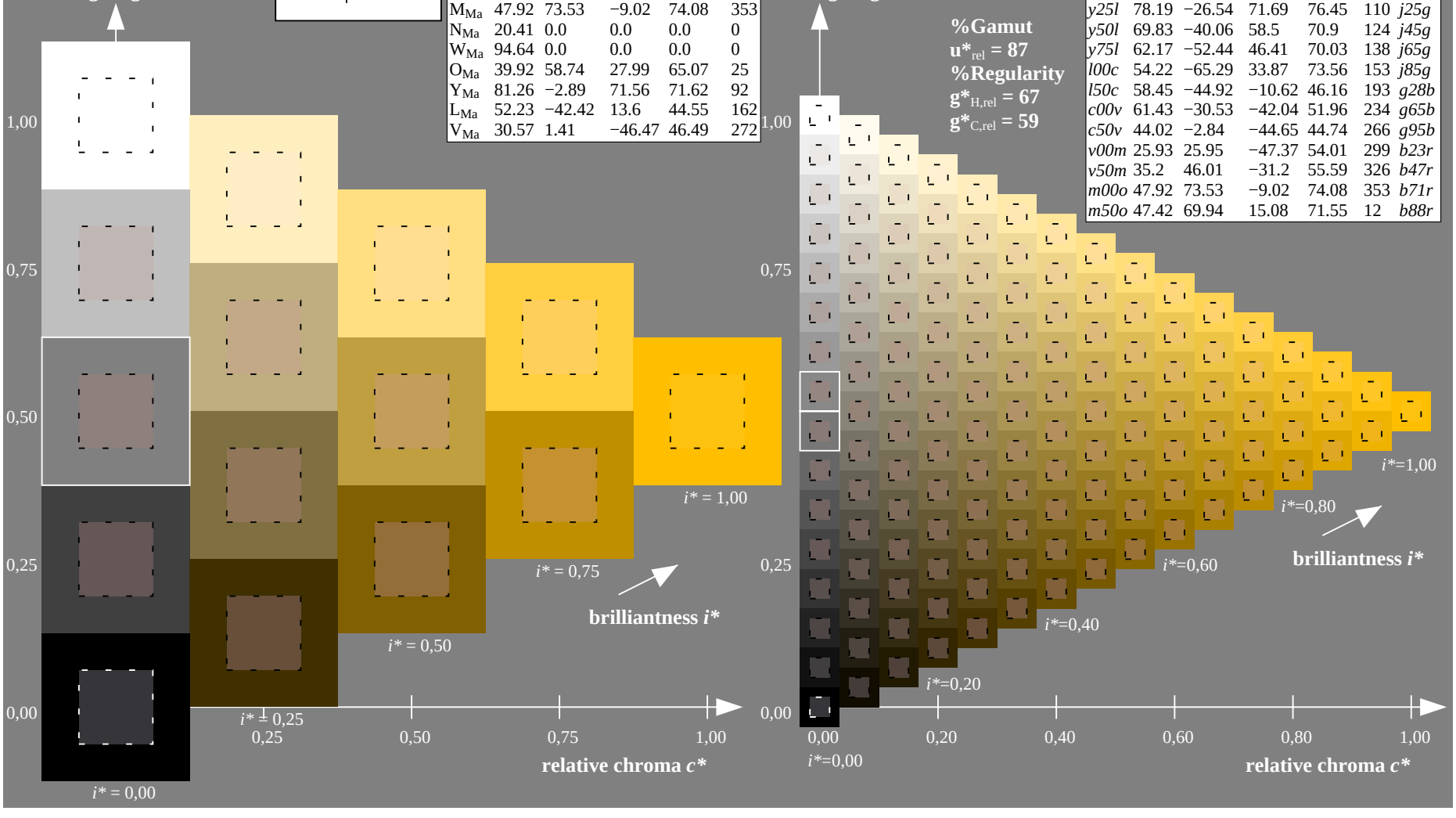
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 76 13 74**
LAB*LCH*$_{Ma}$**: 76 75 79**
lab*olv*$_{Ma}$**: 1.0 0.75 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.82 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

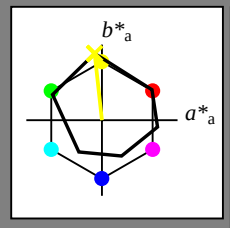
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.267**

u*d = y00l

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u*d = y00l ***u*e = j06g***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

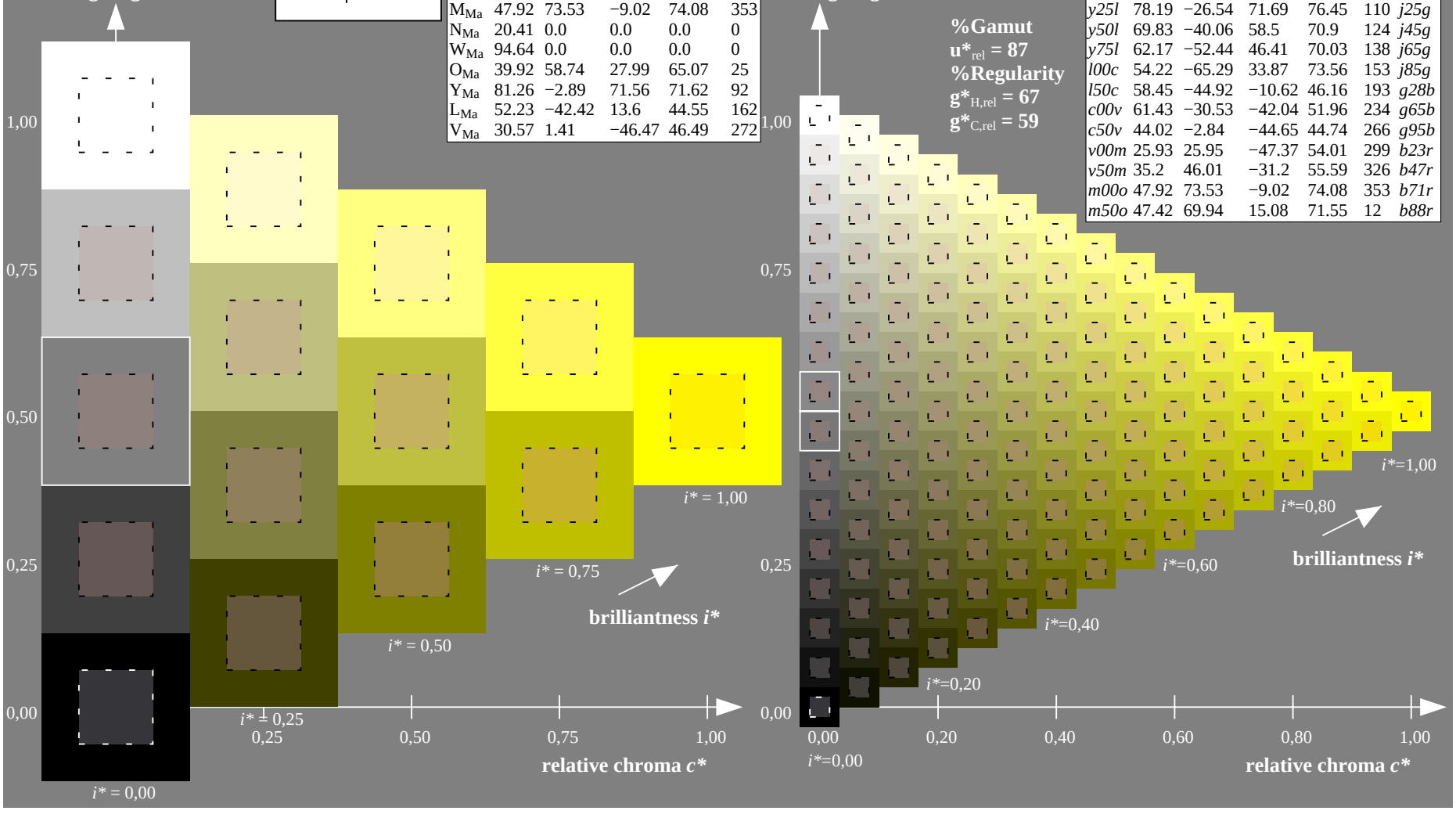
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*: 89 −10 88**
***LAB*LCH**Ma*: 89 89 96**
***lab*olv**Ma*: 1.0 1.0 0.0**
***lab*rgb**Ma*: 0.94 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

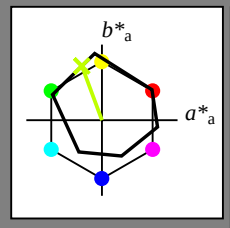
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.306**

u*d = y25l

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u*d = y25l ***u*e = j25g***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

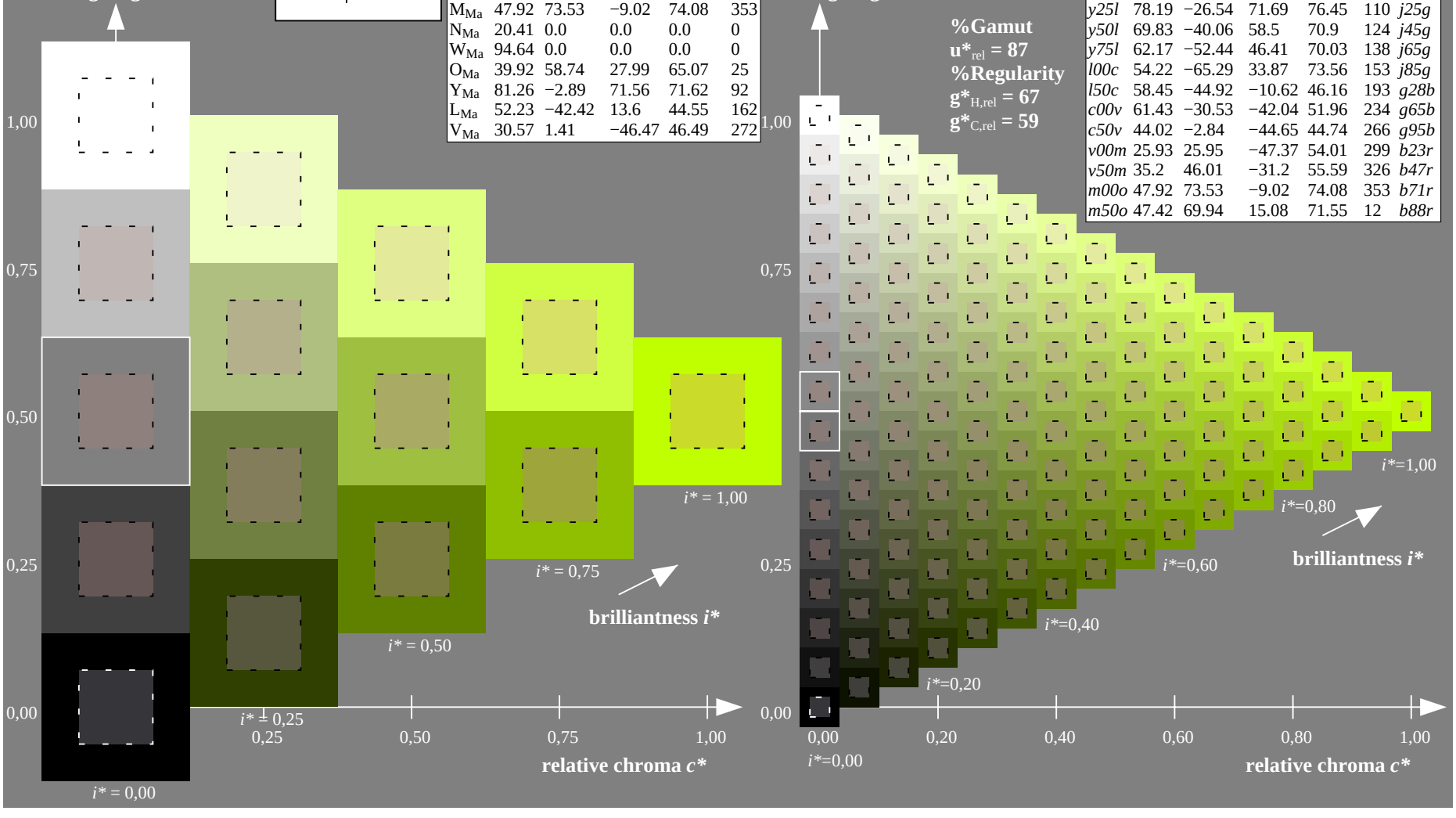
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*$_{Ma}$**: 78 −27 72**
LAB*LCH*$_{Ma}$**: 78 76 110**
lab*olv*$_{Ma}$**: 0.75 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.74 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

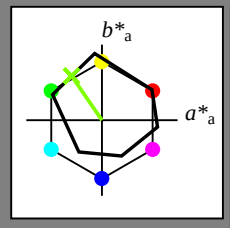
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.346**

u*d = y50l

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u*d = y50l ***u*e = j45g***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

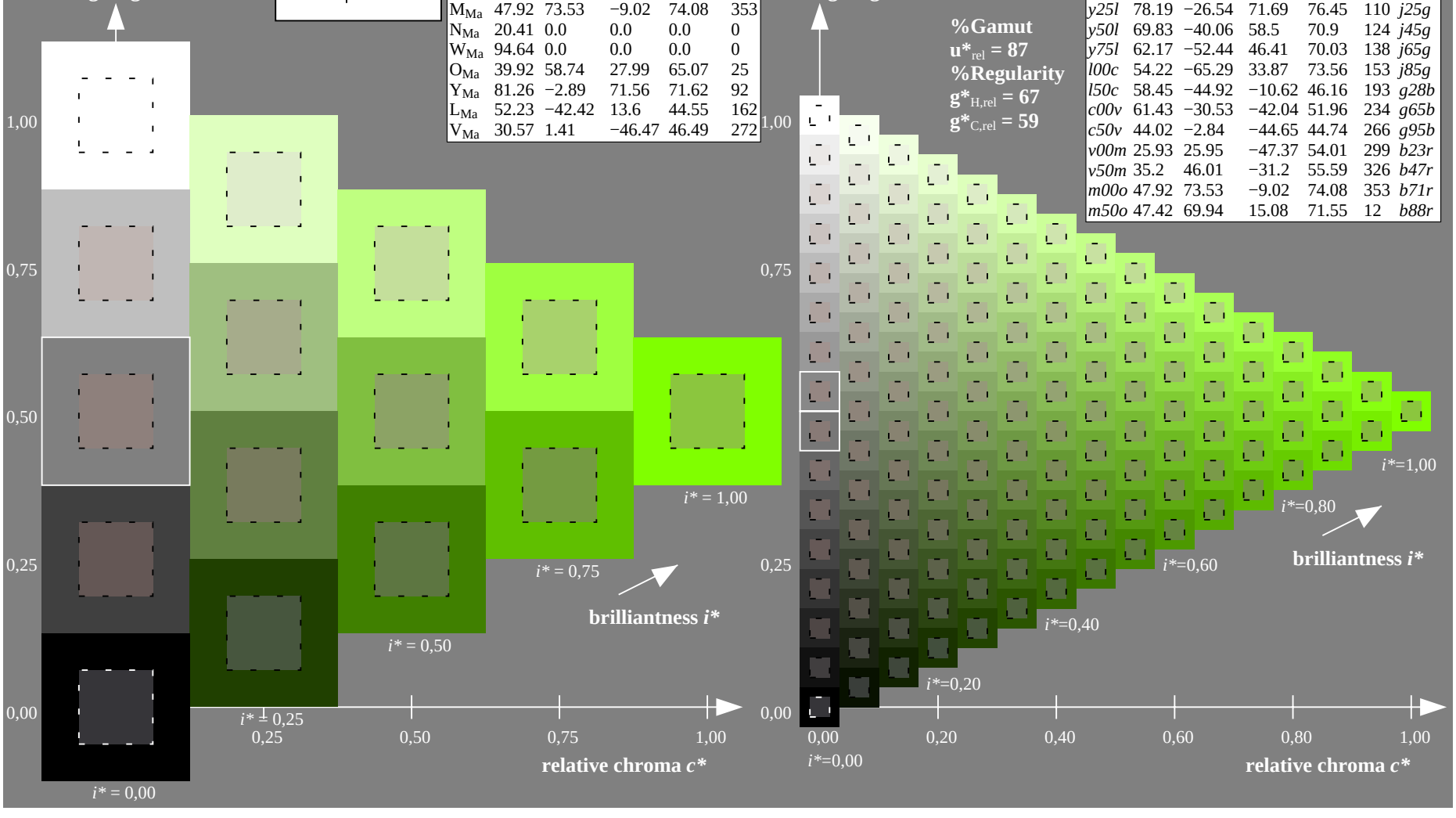
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*: 70 −40 58**
***LAB*LCH**Ma*: 70 71 124**
***lab*olv**Ma*: 0.5 1.0 0.0**
***lab*rgb**Ma*: 0.54 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

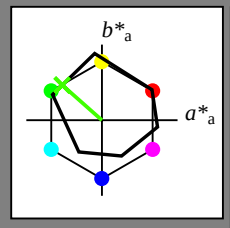
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.385**

u*d = y75l

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u*d = y75l ***u*e = j65g***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

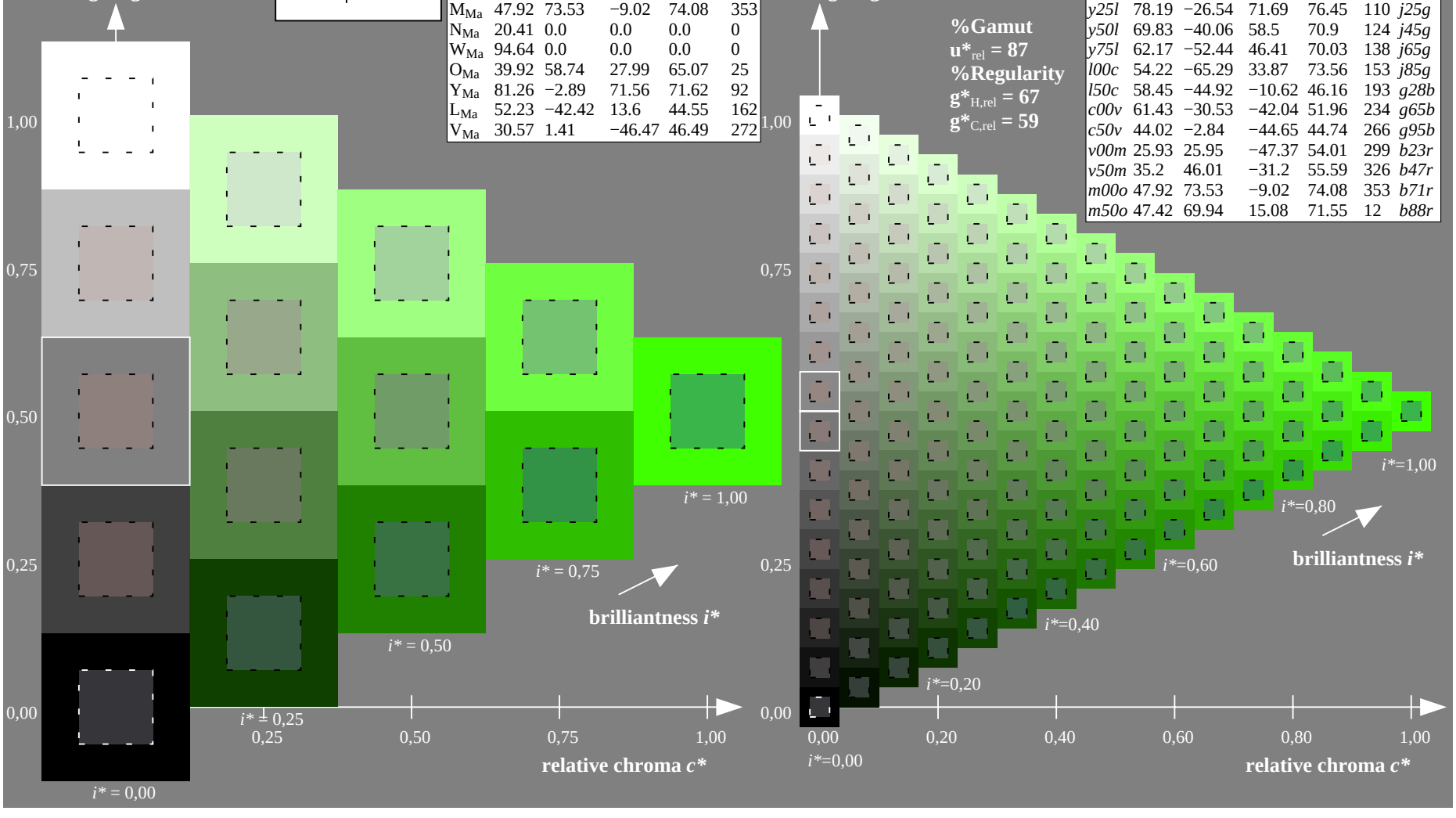
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*: 62 −52 46**
***LAB*LCH**Ma*: 62 70 138**
***lab*olv**Ma*: 0.25 1.0 0.0**
***lab*rgb**Ma*: 0.34 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

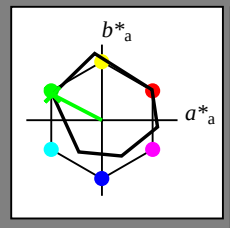
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.424**

u*d = l00c

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u*d = l00c ***u*e = j85g***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

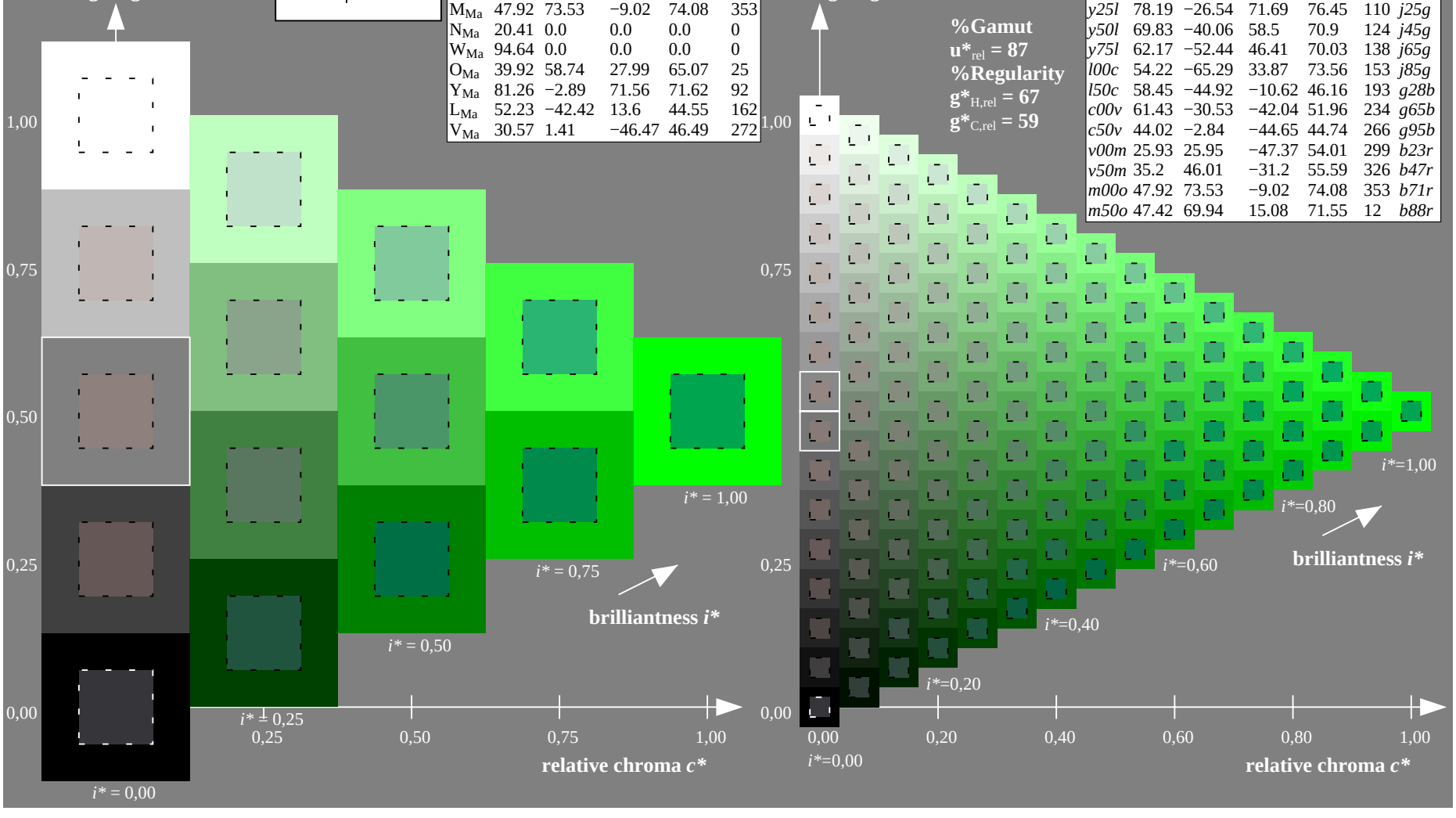
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*$_{Ma}$**: 54 −65 34**
LAB*LCH*$_{Ma}$**: 54 74 152**
lab*olv*$_{Ma}$**: 0.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.14 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

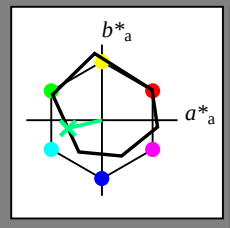
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.537**

u*d = l50c

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u*d = l50c ***u*e = g28b***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

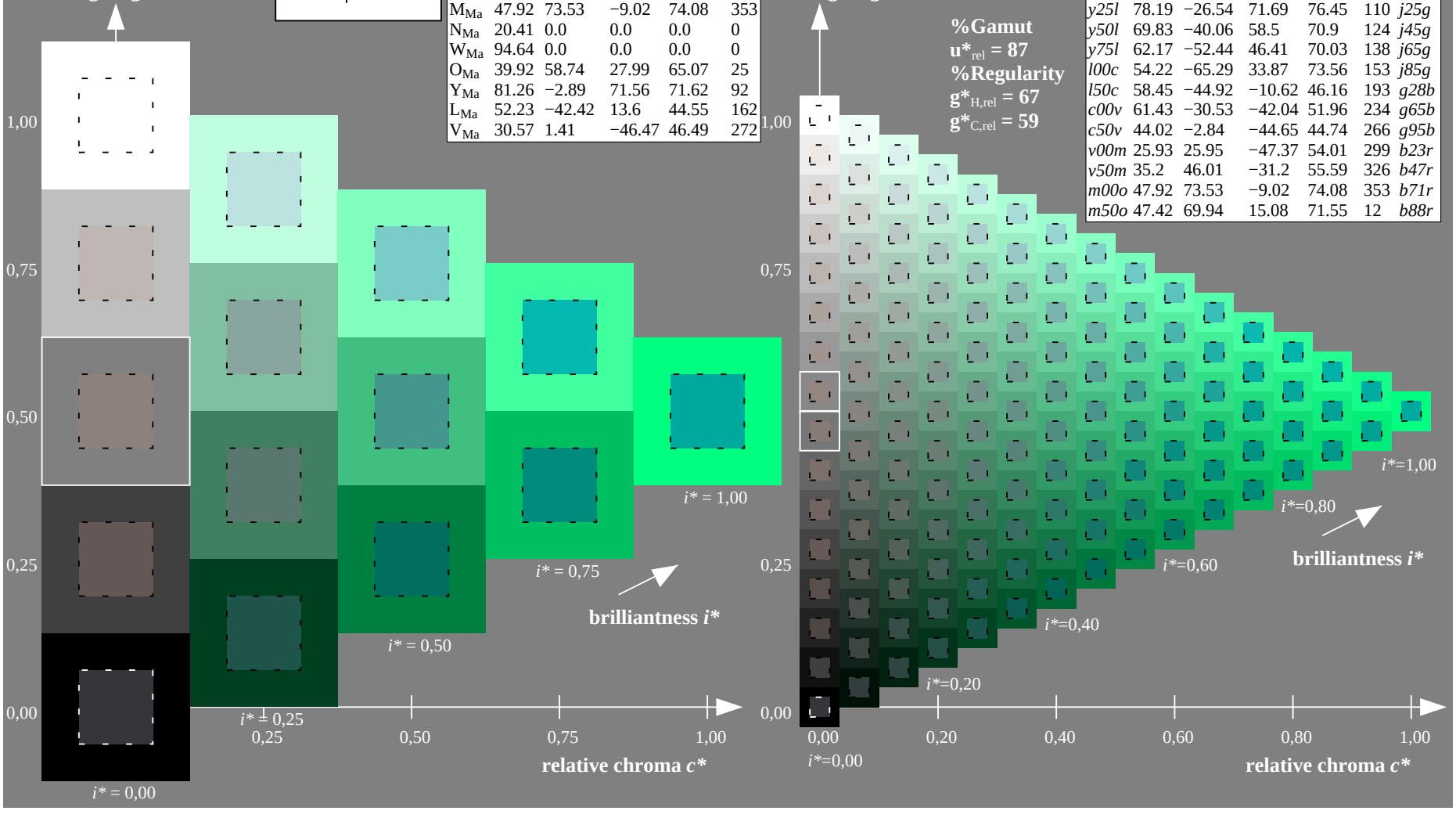
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*: 58 −45 −11**
***LAB*LCH**Ma*: 58 46 193**
***lab*olv**Ma*: 0.0 1.0 0.5**
***lab*rgb**Ma*: 0.0 1.0 0.57**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

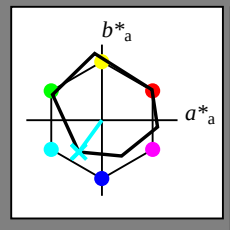
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.65**

u*d = c00v

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u*d = c00v* *u*e = g65b
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

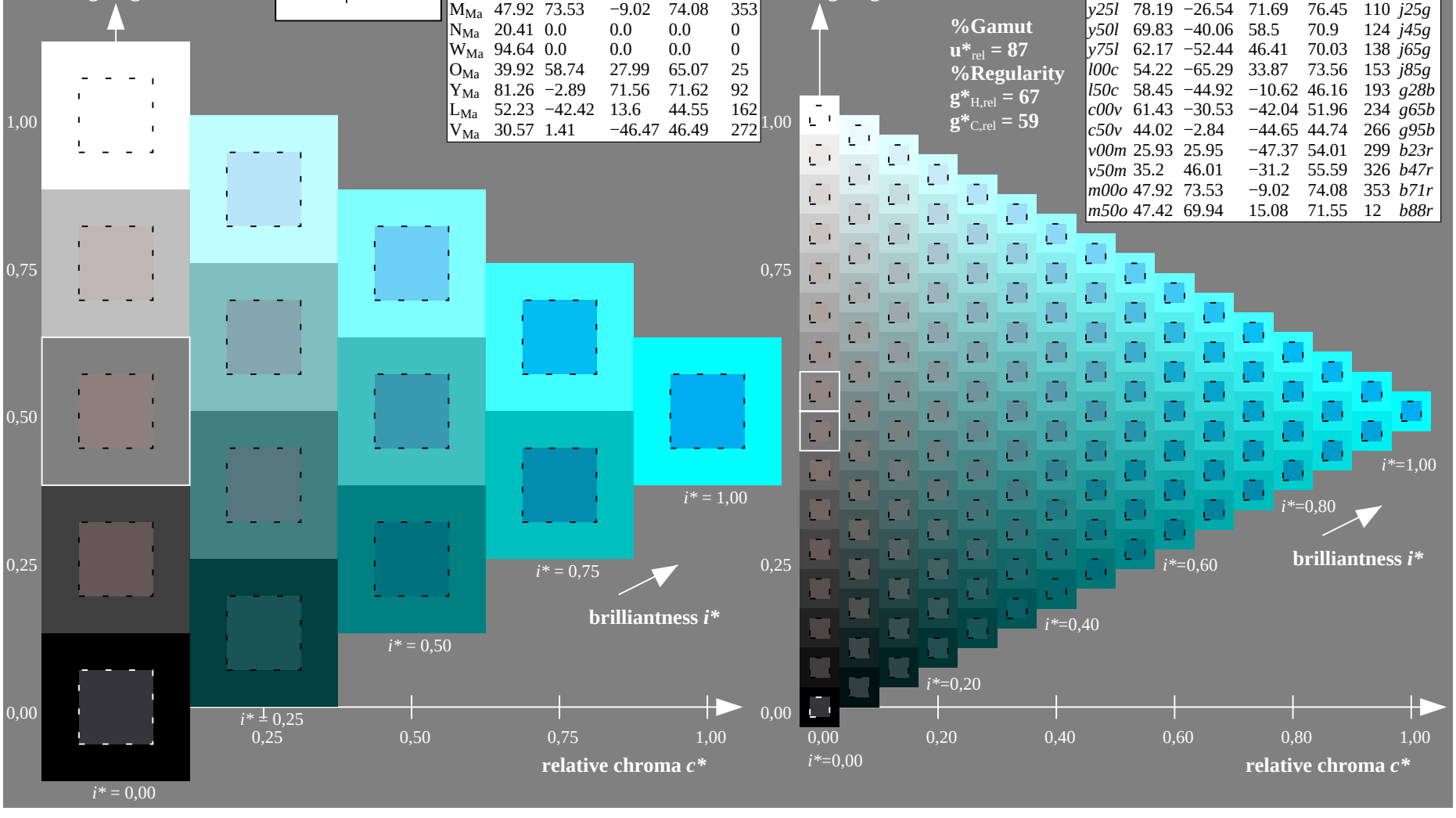
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*: 61 −31 −42**
***LAB*LCH**Ma*: 61 52 234**
***lab*olv**Ma*: 0.0 1.0 1.0**
***lab*rgb**Ma*: 0.0 0.69 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

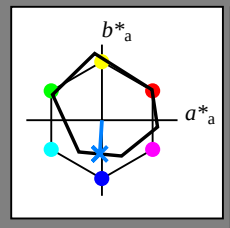
ORS20_95a; adapted (a) CIELAB data

*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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.74** **u^*_d = *c50v***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c50v* u^*_e = *g95b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

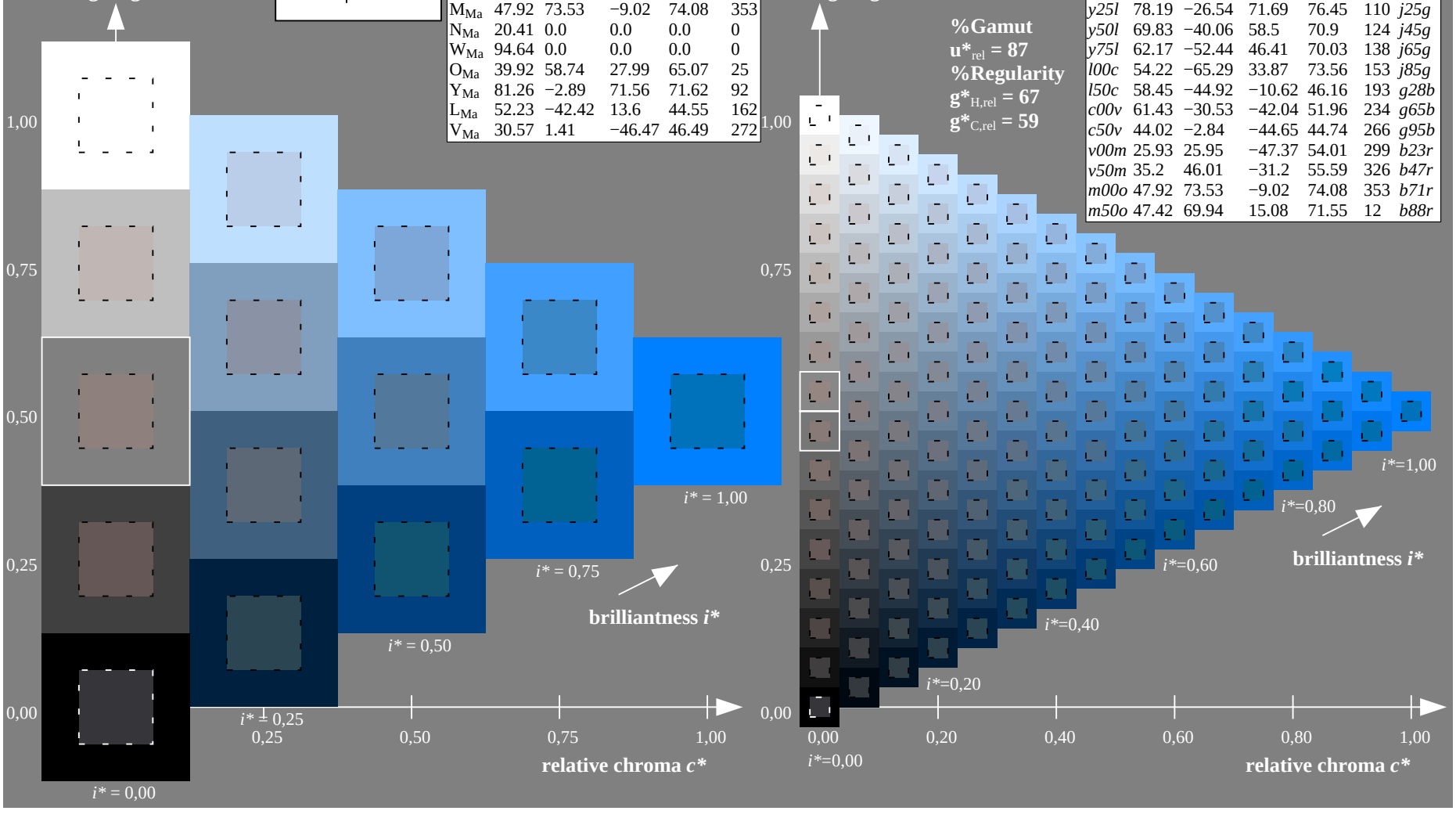
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 44 −3 −45**
LAB*LCH*$_{Ma}$**: 44 45 266**
lab*olv*$_{Ma}$**: 0.0 0.5 1.0**
lab*rgb*$_{Ma}$**: 0.0 0.1 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

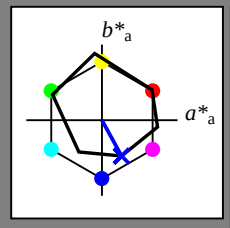
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.83**

u*d = v00m

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

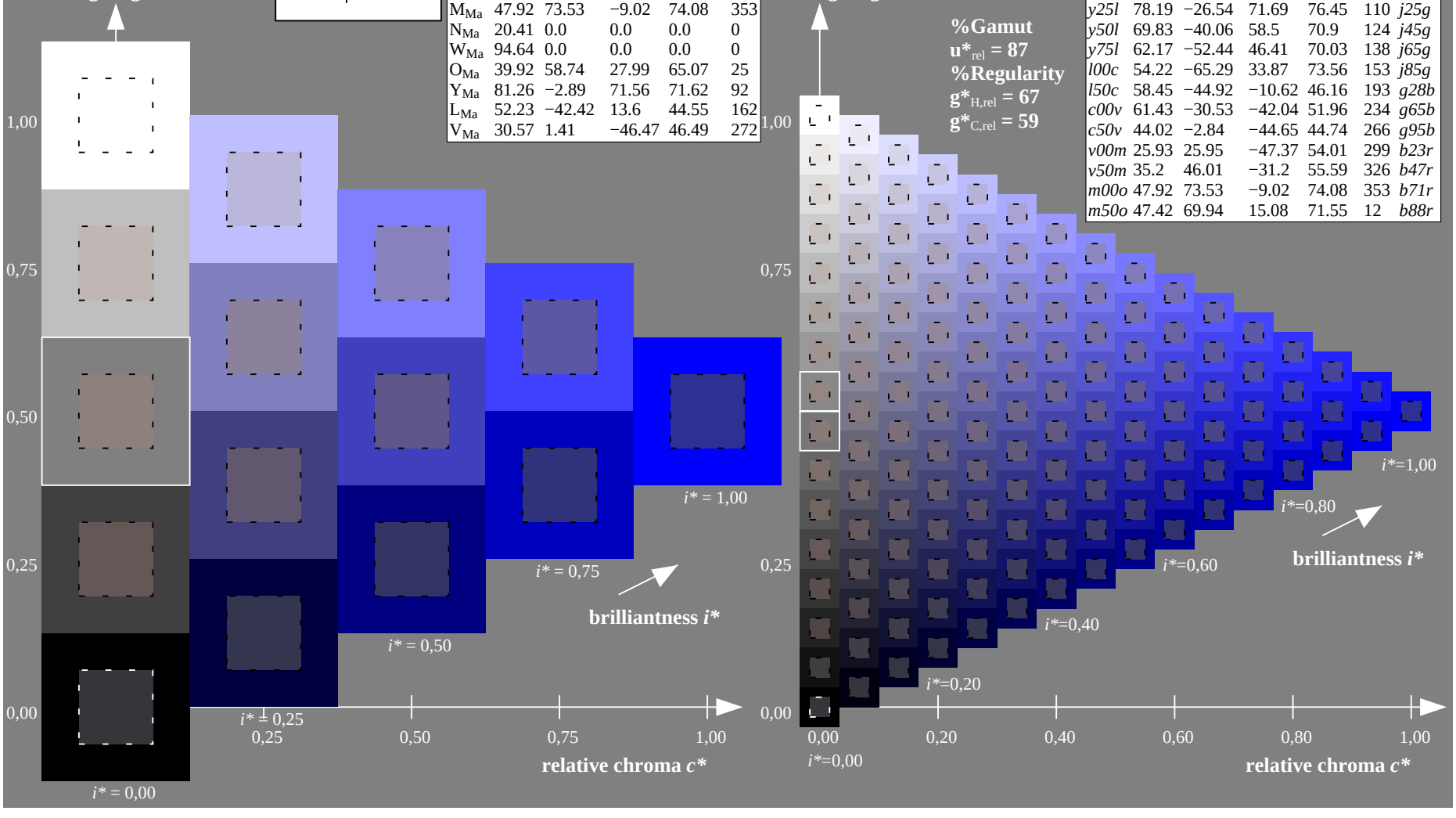
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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

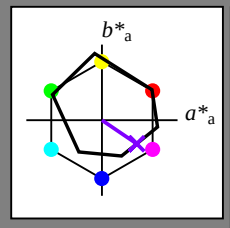
ORS20_95a; adapted (a) CIELAB data

*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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.905** **u^*_d = *v50m***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

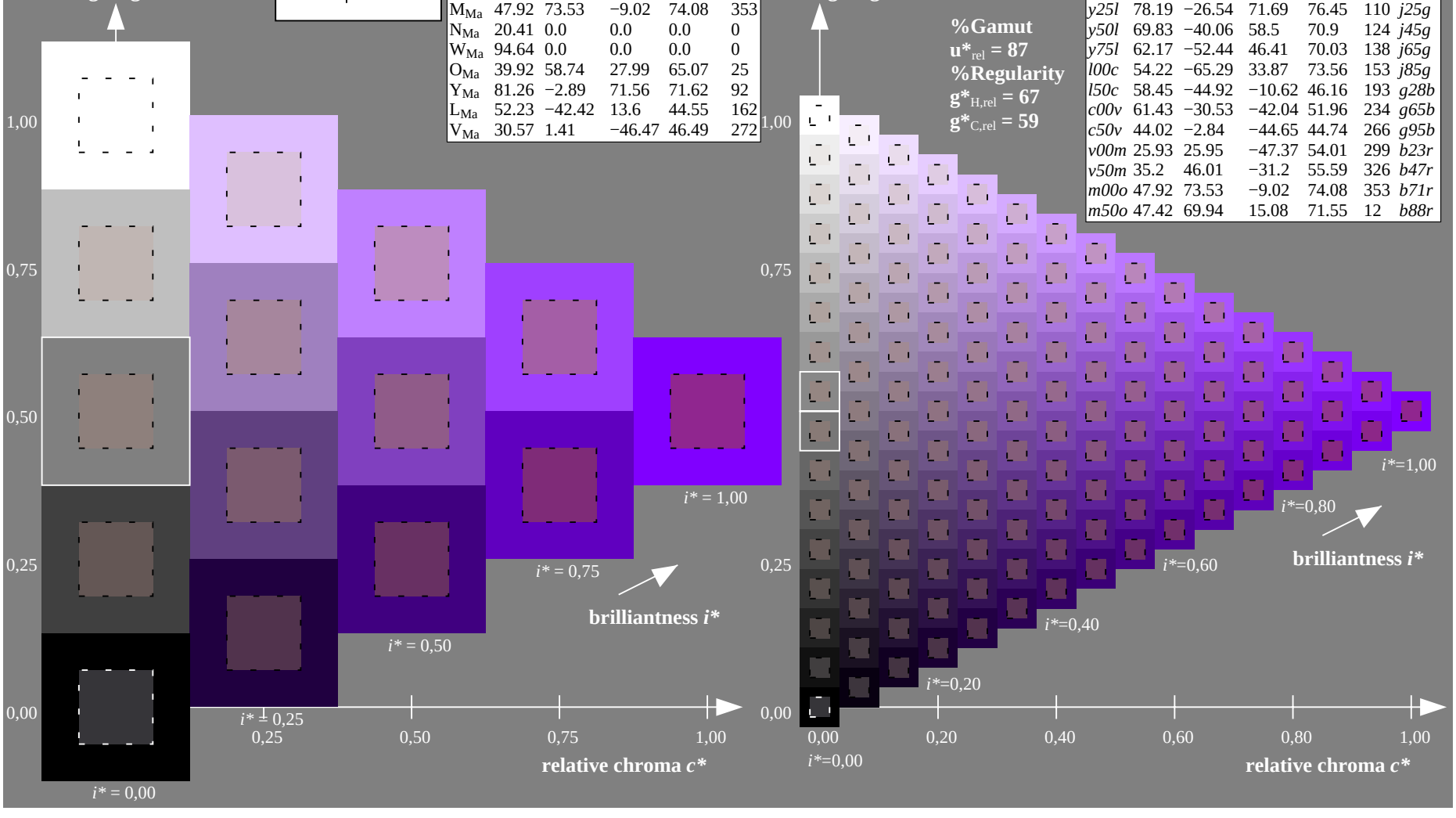
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 35 46 −31**
LAB*LCH*$_{Ma}$**: 35 56 325**
lab*olv*$_{Ma}$**: 0.5 0.0 1.0**
lab*rgb*$_{Ma}$**: 0.95 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

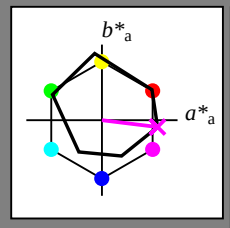
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.981**

u*d = m00o

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u*d = m00o u*e = b71r
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

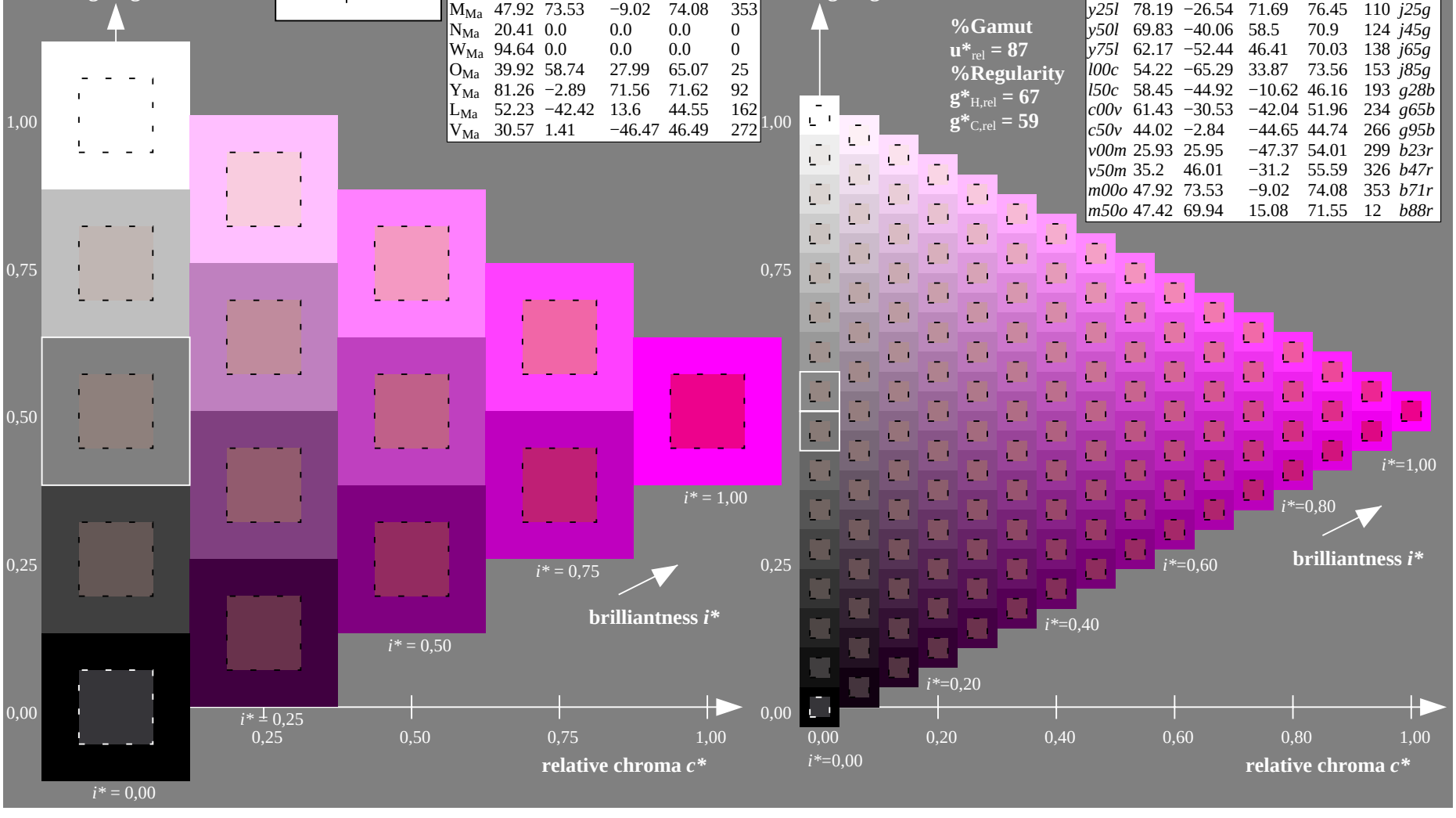
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*$_{Ma}$**: 48 74 −9**
LAB*LCH*$_{Ma}$**: 48 74 353**
lab*olv*$_{Ma}$**: 1.0 0.0 1.0**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.57**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

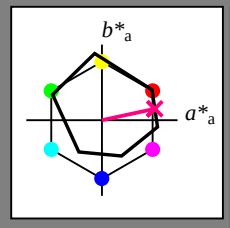
ORS20_95a; adapted (a) CIELAB data

*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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.034** **u^*_d = *m50o***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

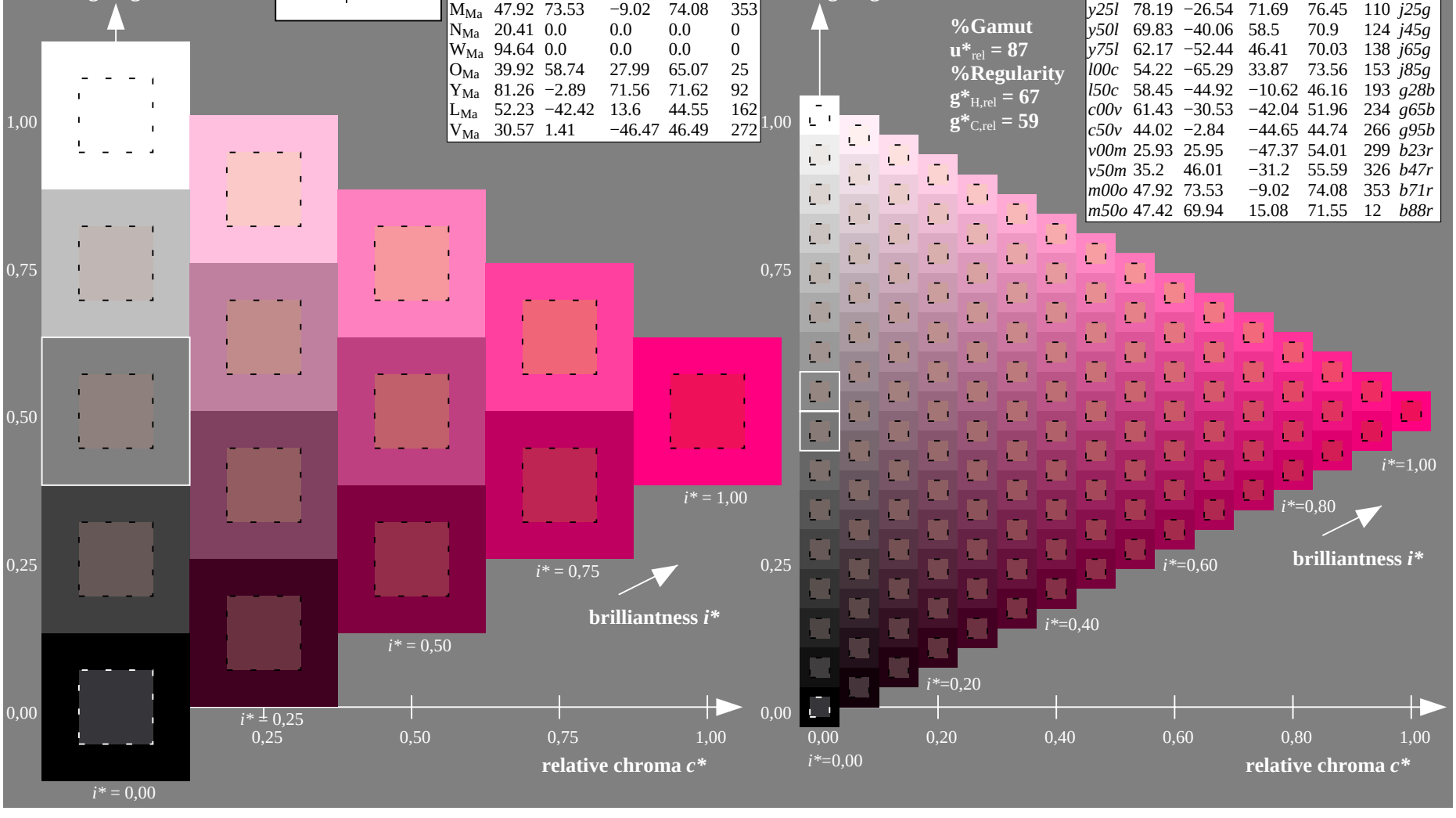
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

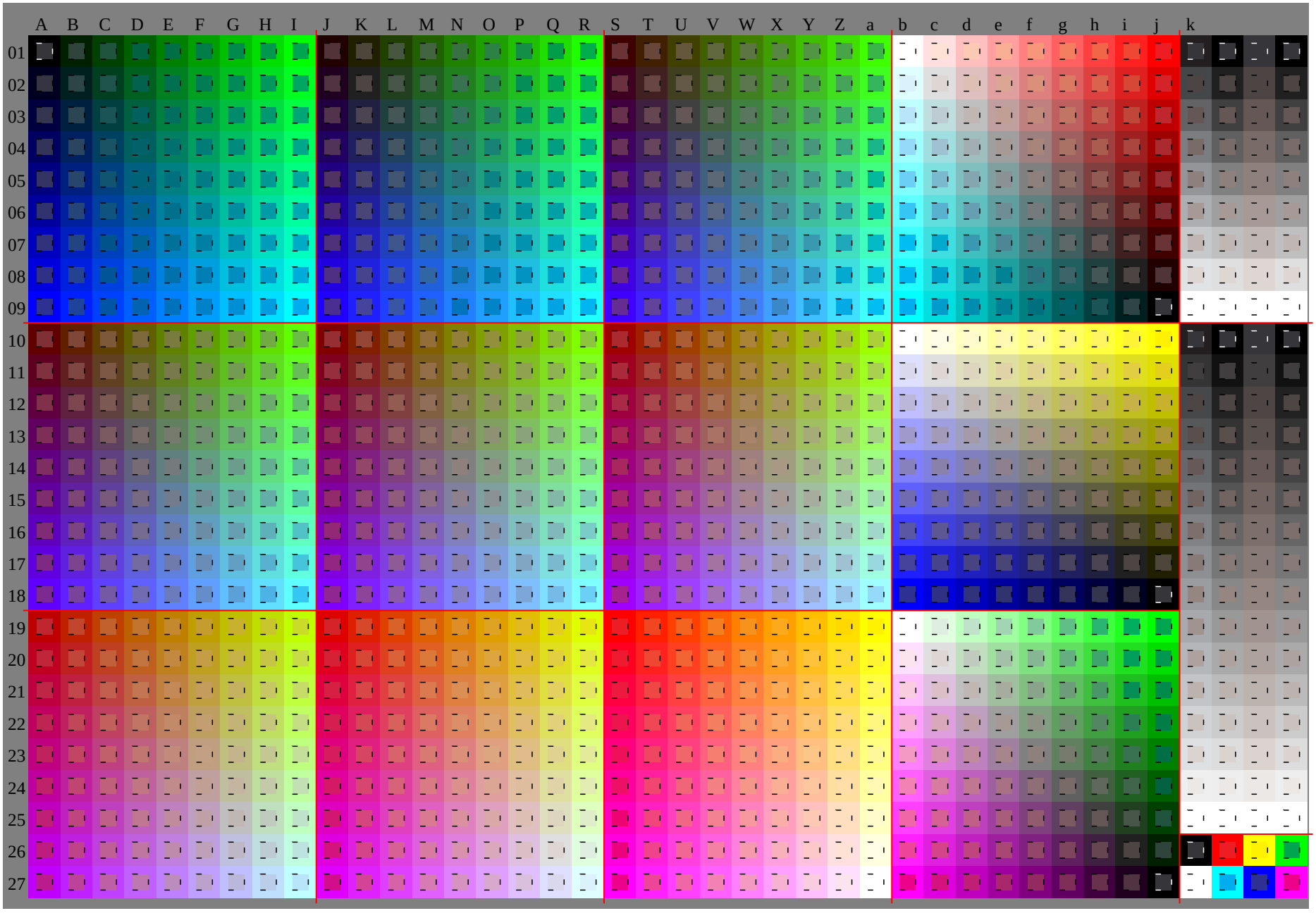
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 47 70 15**
LAB*LCH*$_{Ma}$**: 47 72 12**
lab*olv*$_{Ma}$**: 1.0 0.0 0.5**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.23**
triangle lightness *t**

%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*

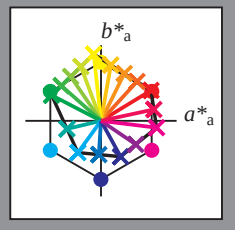




Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

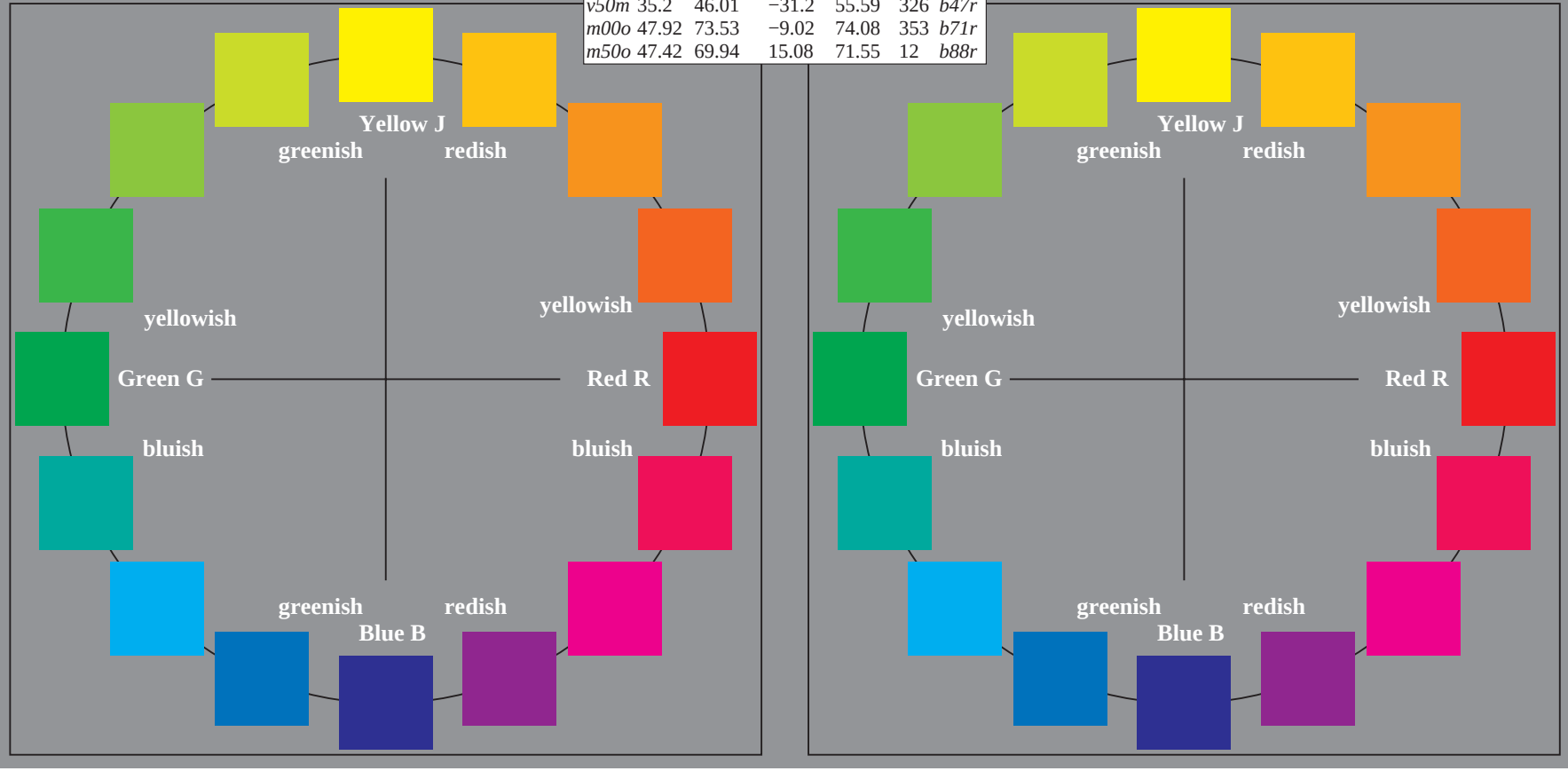
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*



%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

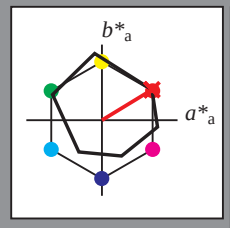
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	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_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.087** **u^*_d = *o00y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o00y* u^*_e = *r09j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

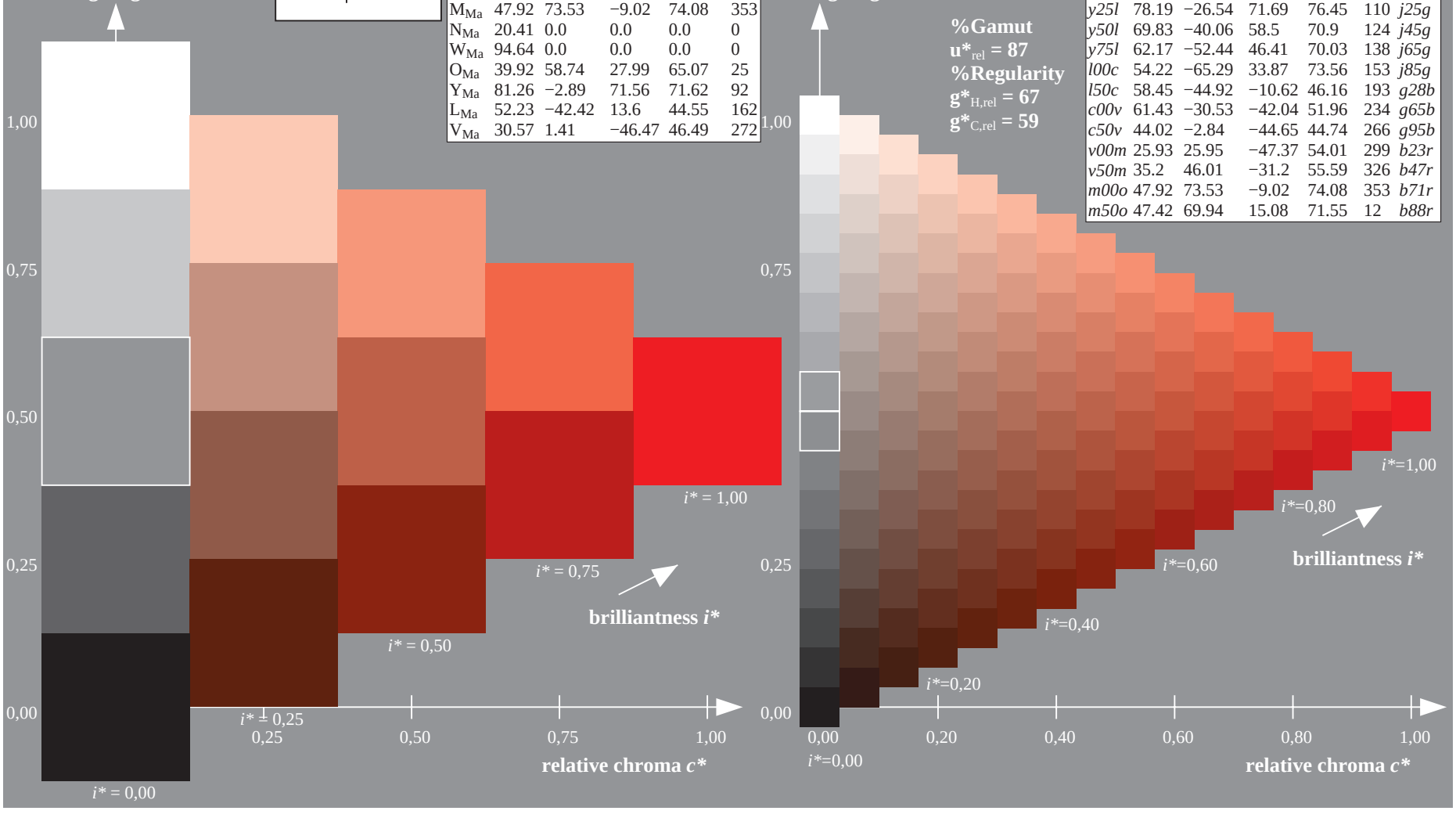
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 47 66 40**
LAB*LCH*$_{Ma}$**: 47 77 31**
lab*olv*$_{Ma}$**: 1.0 0.0 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.09 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

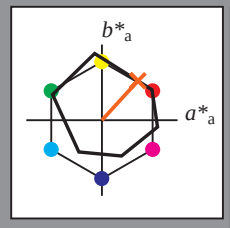
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.132**

u*d = o25y

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u*d = o25y ***u*e = r33j***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

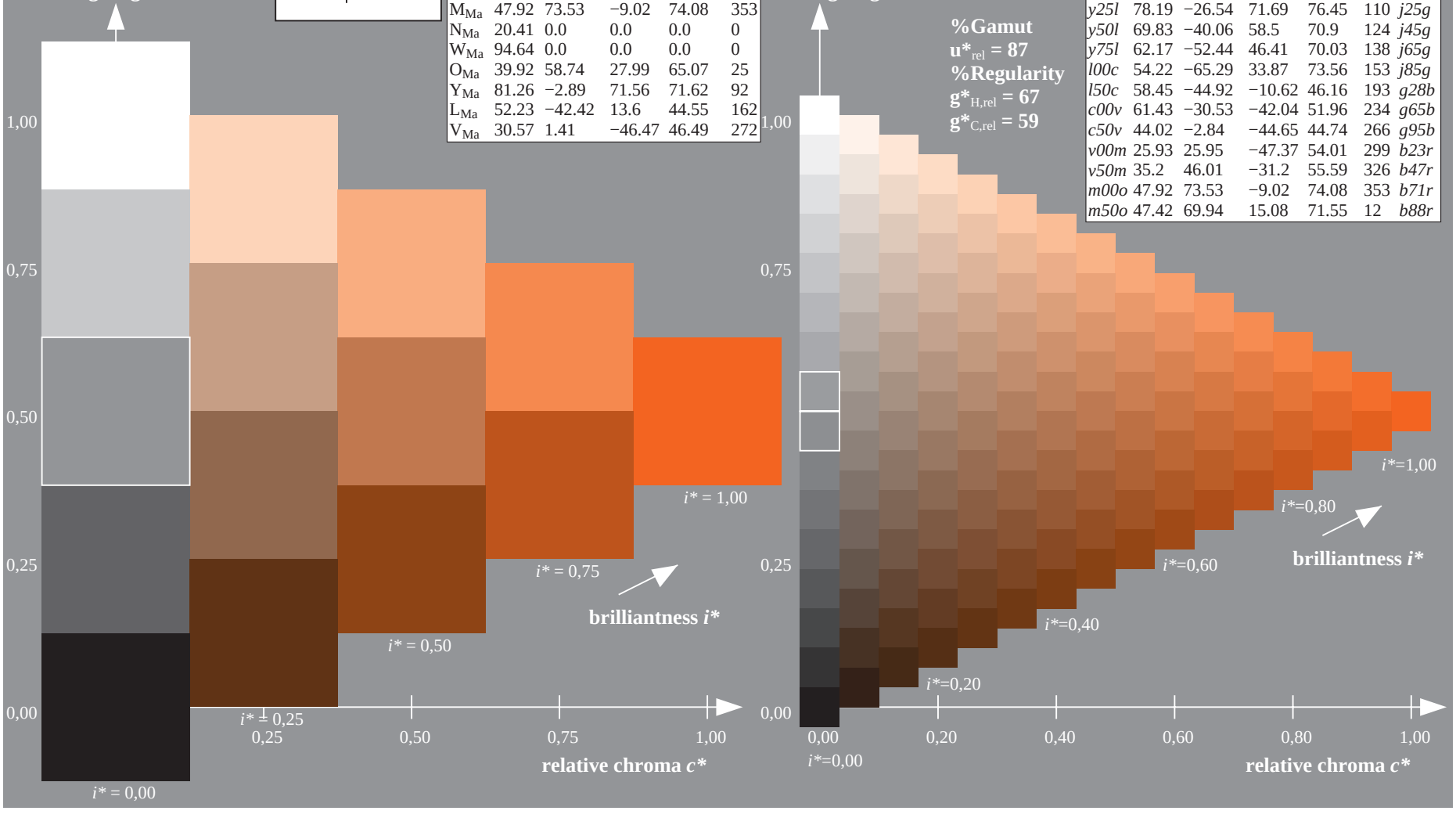
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*: 57 48 52**
***LAB*LCH**Ma*: 57 71 47**
***lab*olv**Ma*: 1.0 0.25 0.0**
***lab*rgb**Ma*: 1.0 0.33 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

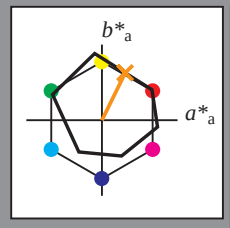
ORS20_95a; adapted (a) CIELAB data

*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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.177** **u^*_d = *o50y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

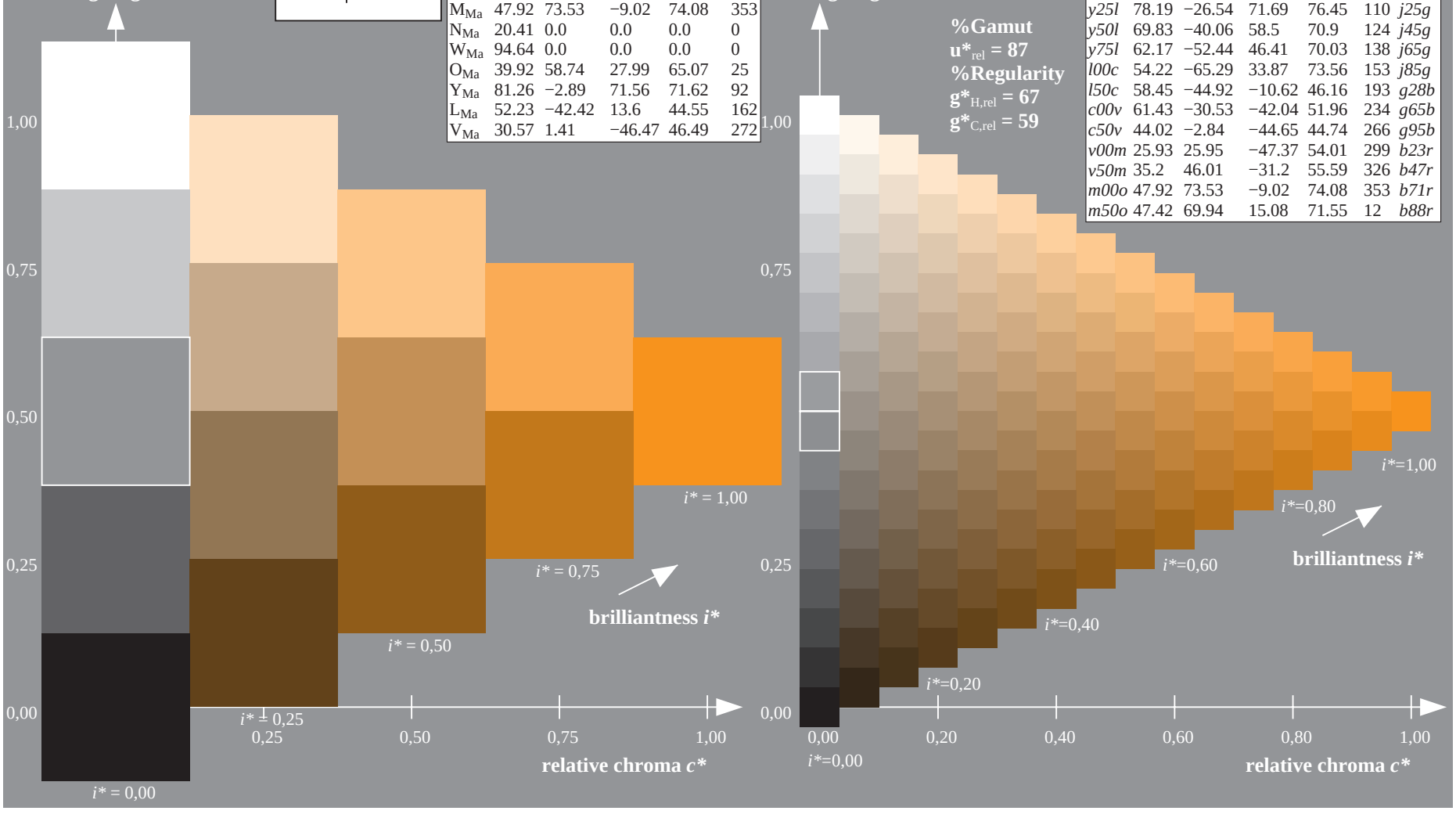
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 66 31 63**
LAB*LCH*$_{Ma}$**: 66 70 63**
lab*olv*$_{Ma}$**: 1.0 0.5 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.57 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

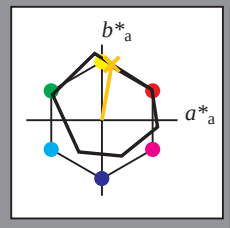
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.222**

u*d = o75y

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u*d = o75y ***u*e = r81j***
contrast reduction factor:
c_R **= 1.0**
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

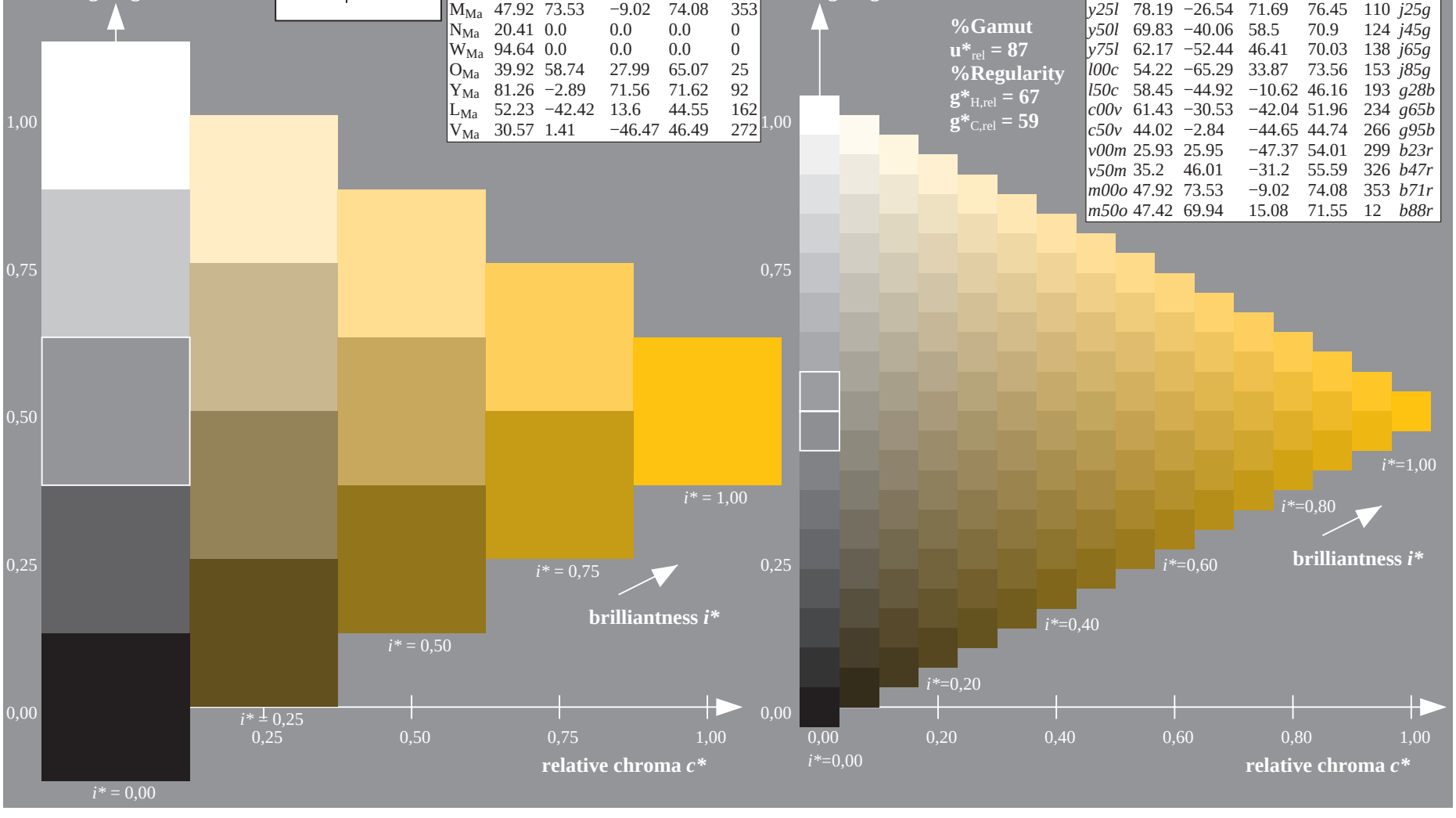
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*$_{Ma}$**: 76 13 74**
LAB*LCH*$_{Ma}$**: 76 75 79**
lab*olv*$_{Ma}$**: 1.0 0.75 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.82 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

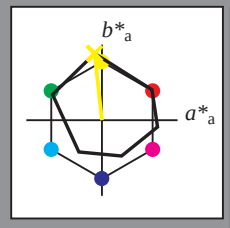
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.267**

u**d = y00l

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u**d = y00l ***u**e = j06g***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

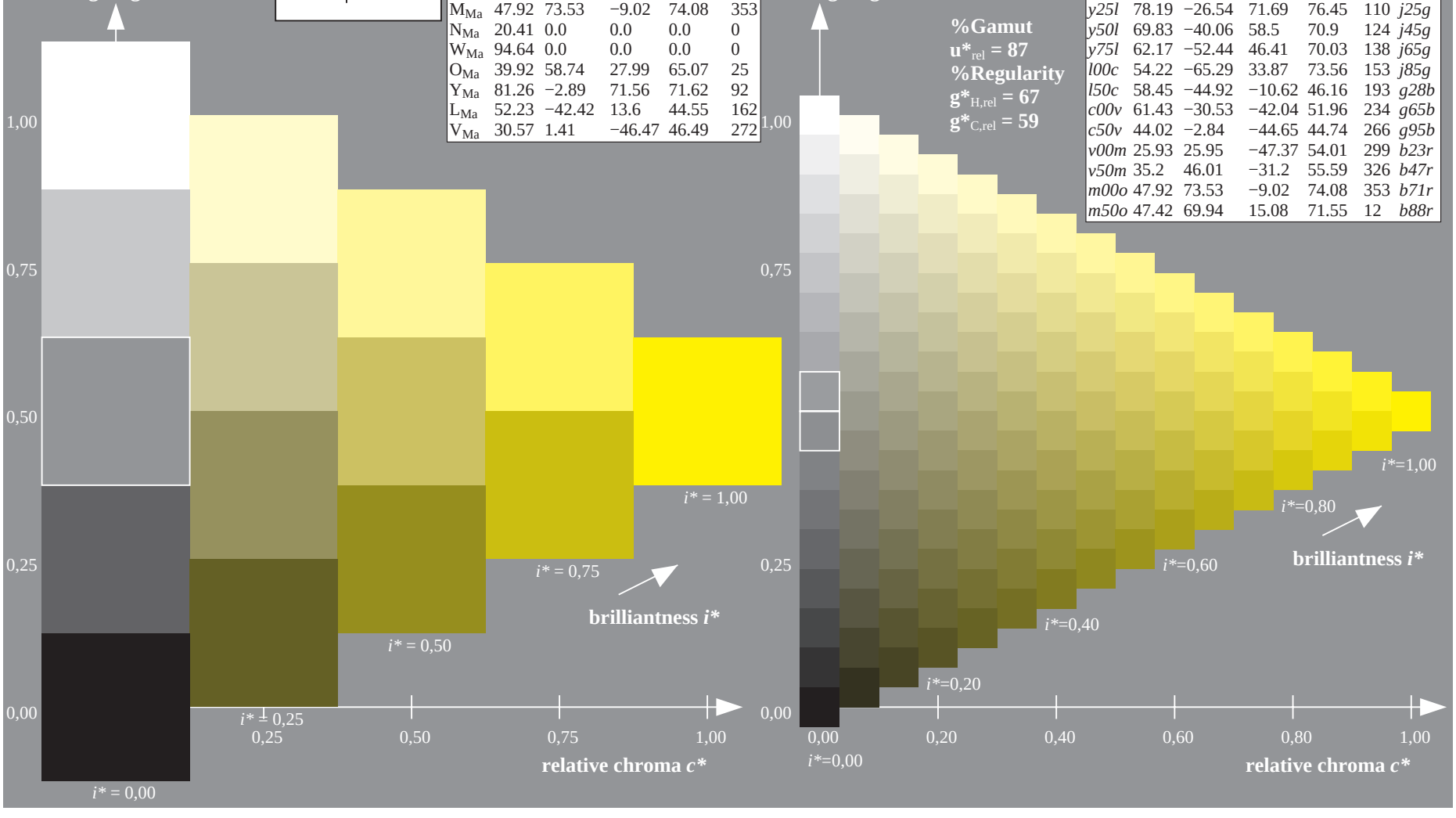
*u**d	*L*=L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*: 89 −10 88**
***LAB*LCH**Ma*: 89 89 96**
***lab*olv**Ma*: 1.0 1.0 0.0**
***lab*rgb**Ma*: 0.94 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

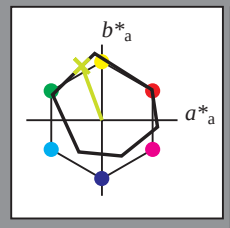
*u**d	*L*=L**a	*a**a	*b**a	*C**ab,a	*h**ab,a	*u**e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.306**

u*d = y25l

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u*d = y25l ***u*e = j25g***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

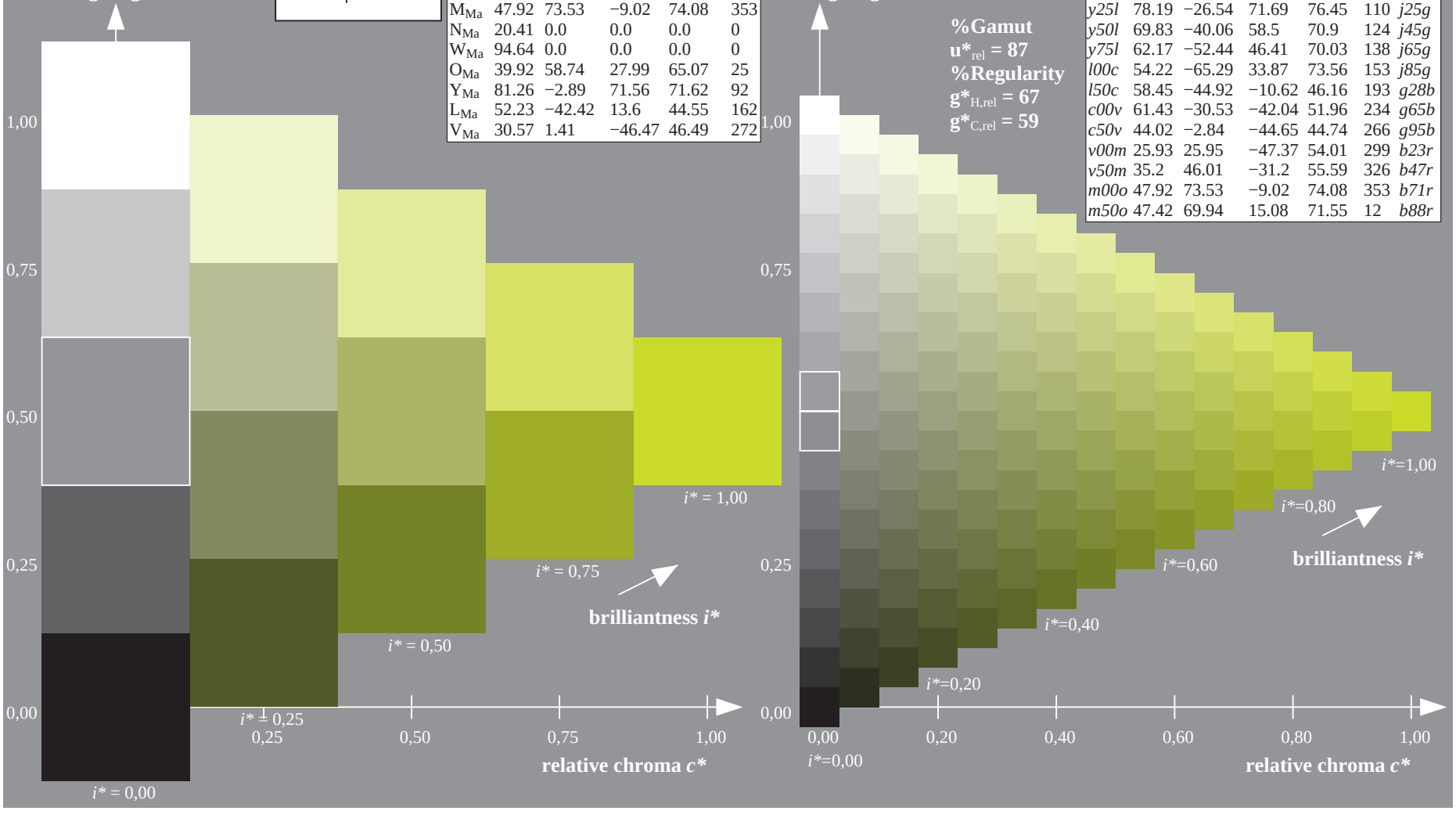
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*: 78 −27 72**
***LAB*LCH**Ma*: 78 76 110**
***lab*olv**Ma*: 0.75 1.0 0.0**
***lab*rgb**Ma*: 0.74 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

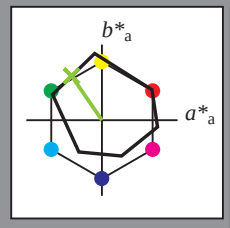
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.346**

u*d = y50l

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u*d = y50l ***u*e = j45g***
contrast reduction factor:
c_R **= 1.0**
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

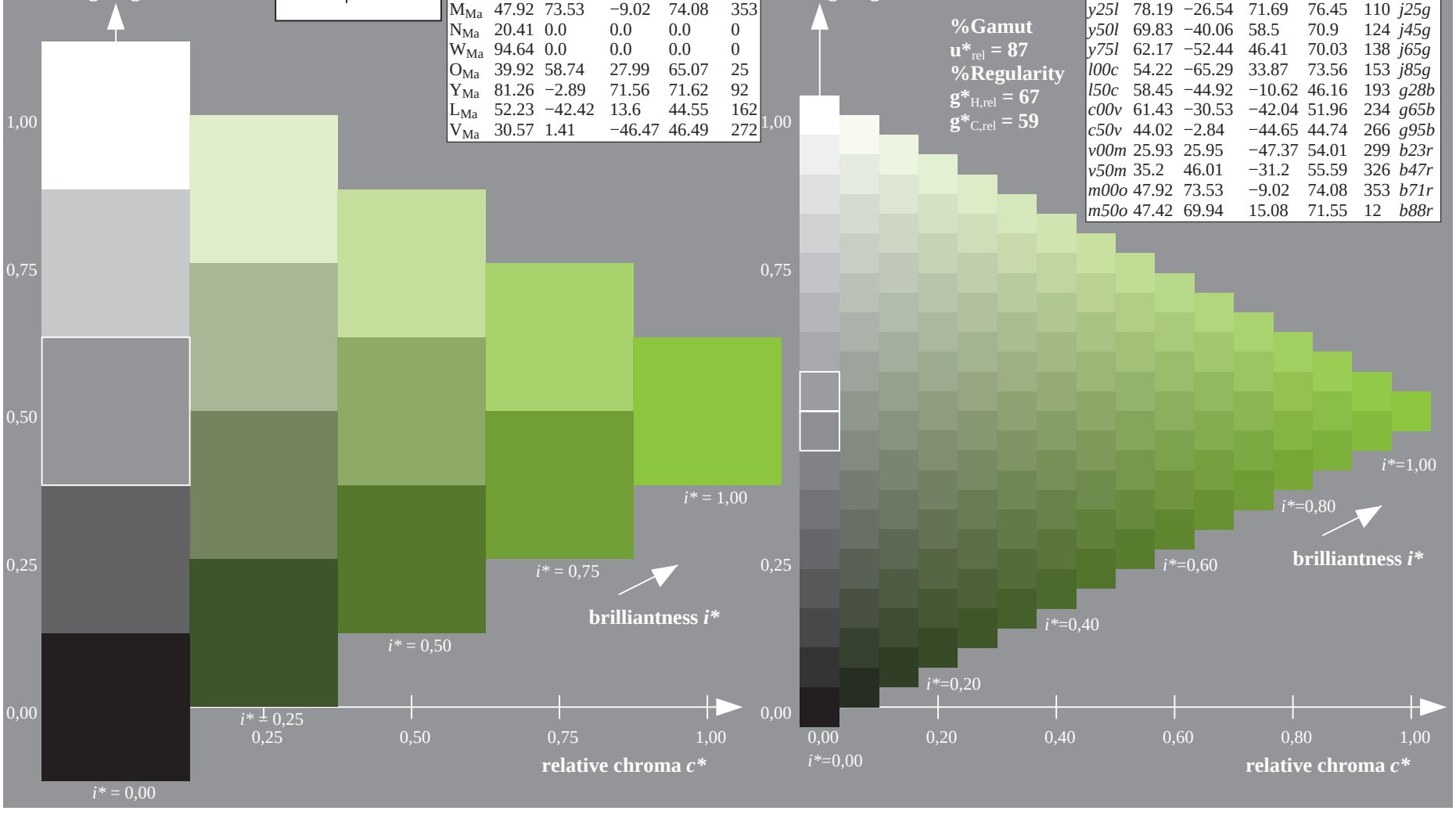
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*$_{Ma}$**: 70 −40 58**
LAB*LCH*$_{Ma}$**: 70 71 124**
lab*olv*$_{Ma}$**: 0.5 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.54 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

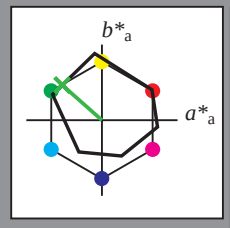
ORS20_95a; adapted (a) CIELAB data

*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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.385** **$u^*_d = y75l$**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *y75l* u^*_e = *j65g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

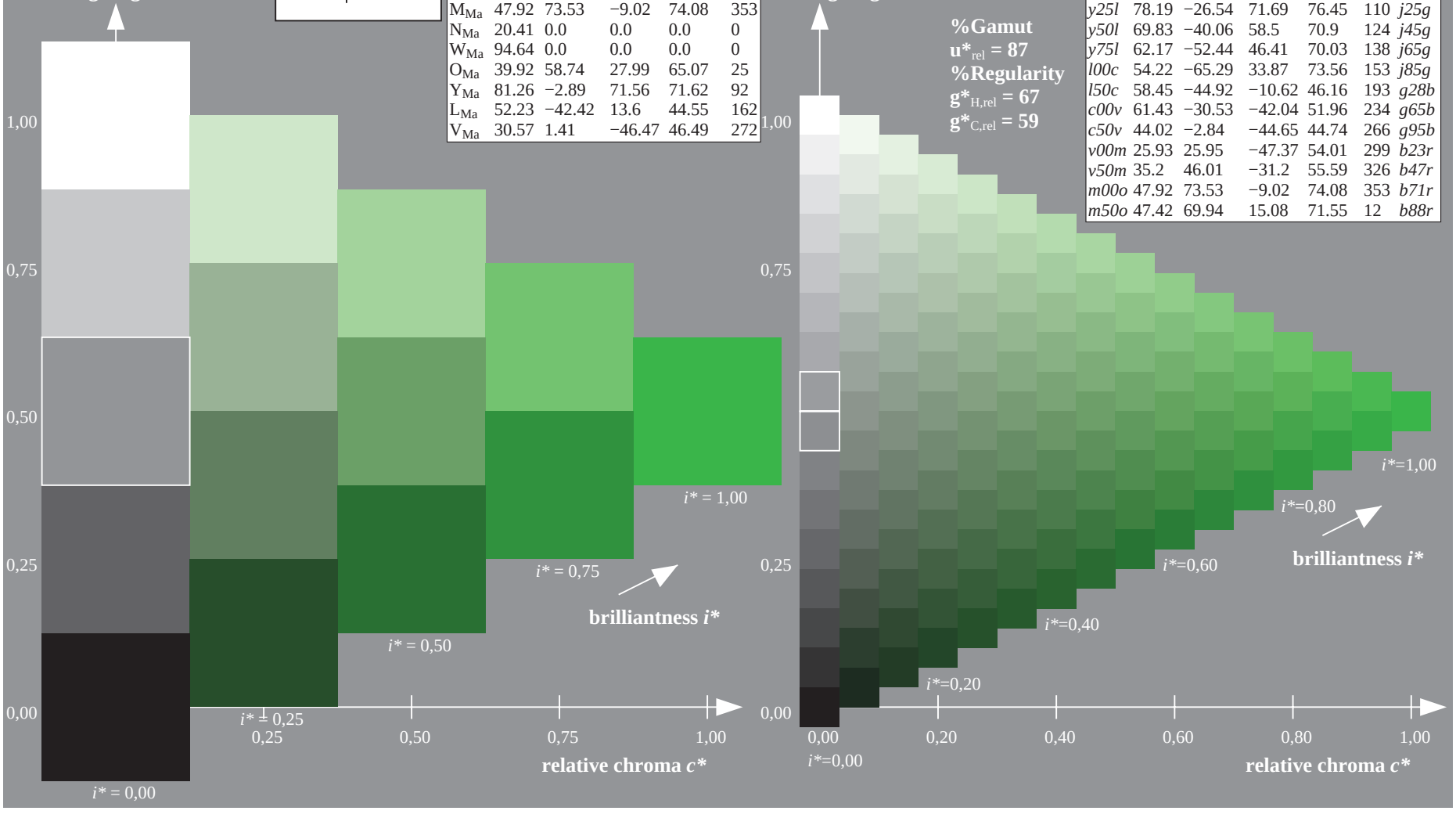
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 62 −52 46**
LAB*LCH*$_{Ma}$**: 62 70 138**
lab*olv*$_{Ma}$**: 0.25 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.34 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

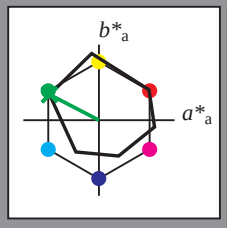
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.424**

u*d = l00c

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u*d = l00c ***u*e = j85g***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

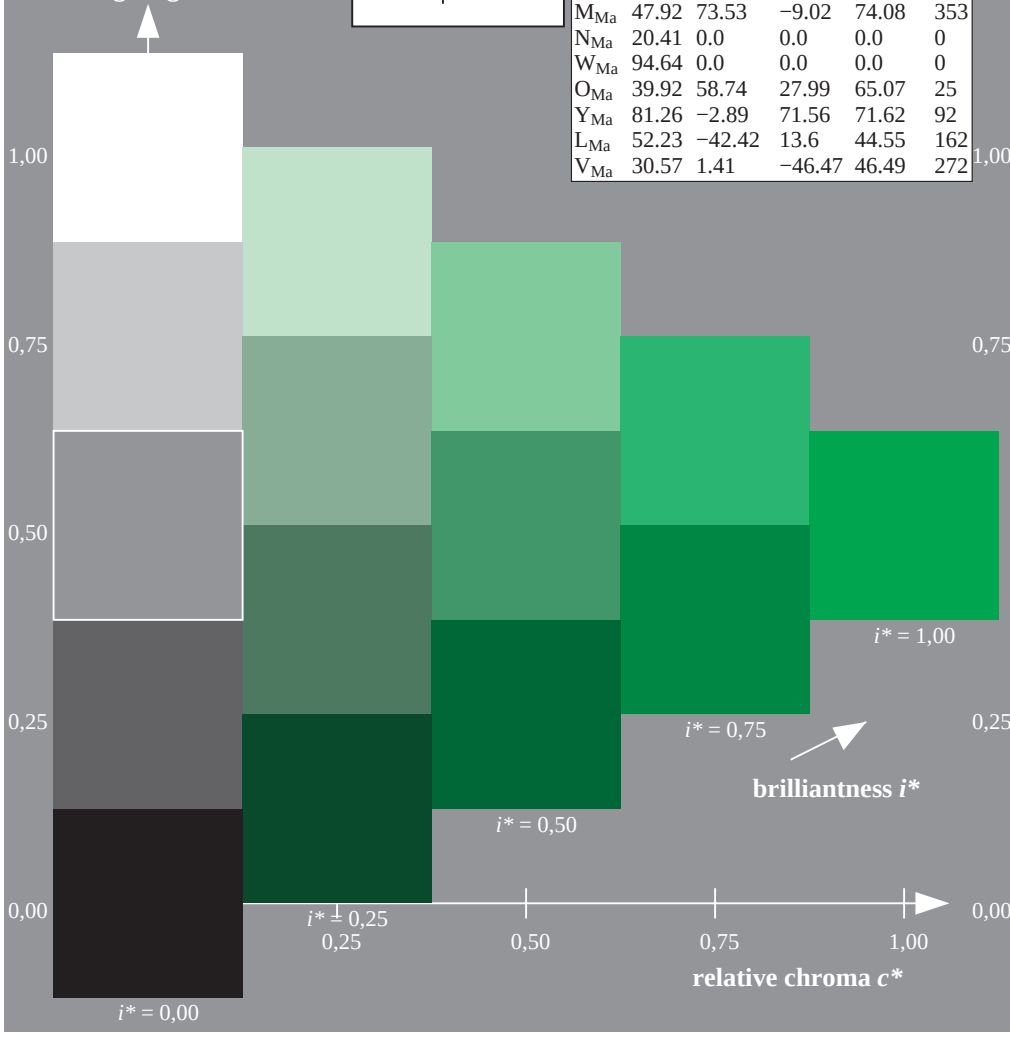
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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

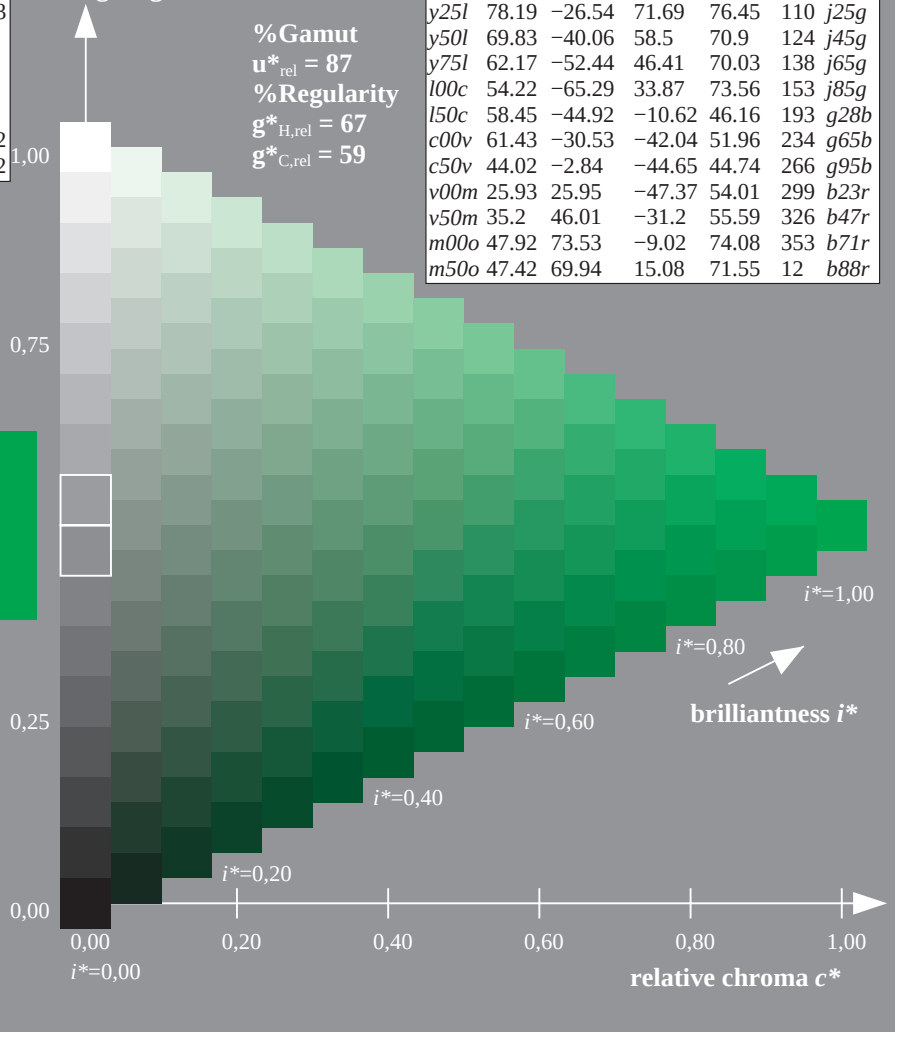
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 54 −65 34**
LAB*LCH*$_{Ma}$**: 54 74 152**
lab*olv*$_{Ma}$**: 0.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.14 1.0 0.0**
triangle lightness *t**

%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*

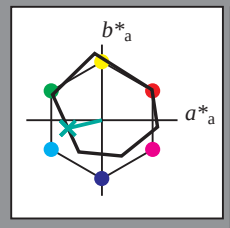




Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.537**

u*d = l50c

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u*d = l50c ***u*e = g28b***
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

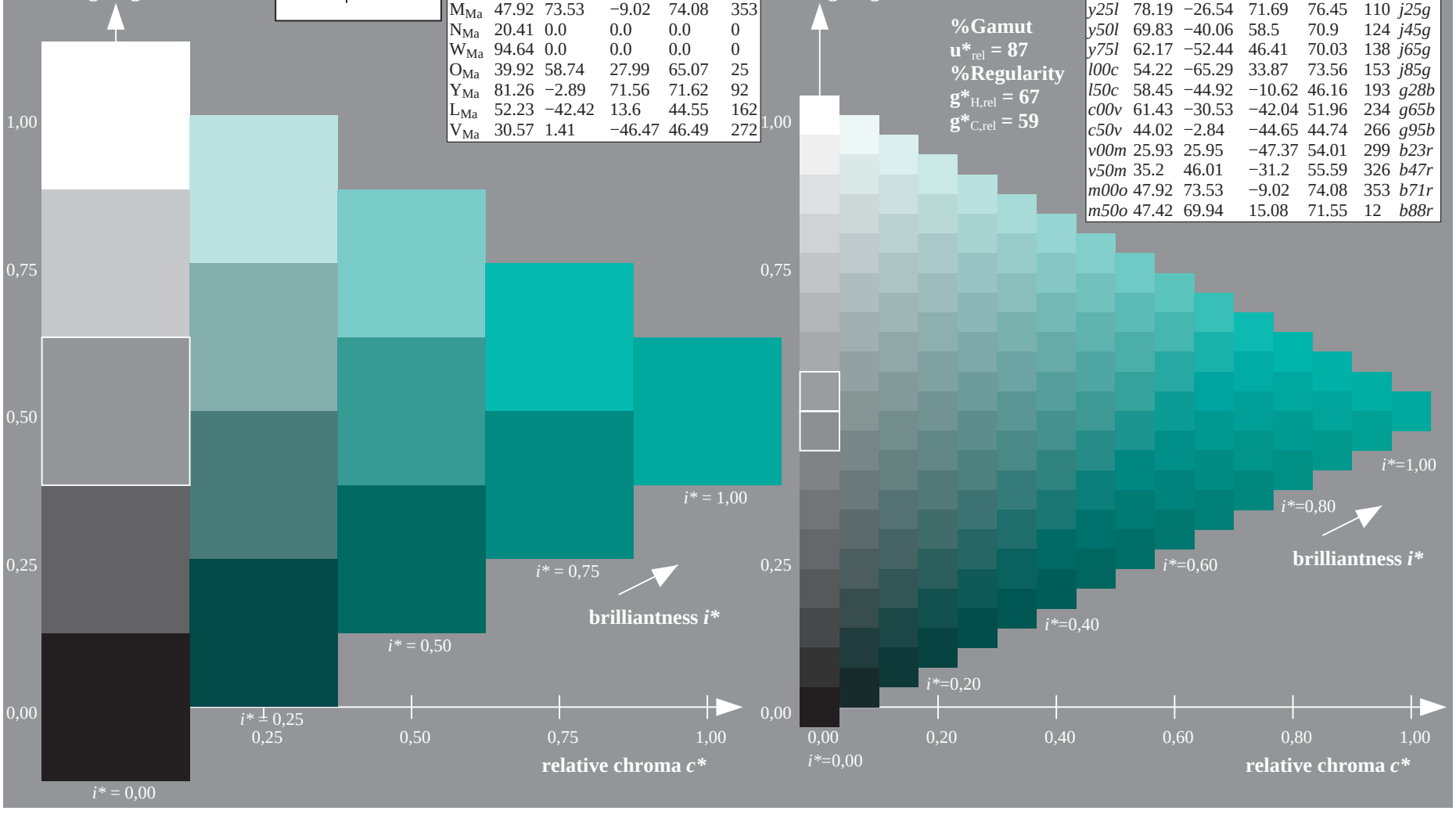
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	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*$_{Ma}$**: 58 −45 −11**
LAB*LCH*$_{Ma}$**: 58 46 193**
lab*olv*$_{Ma}$**: 0.0 1.0 0.5**
lab*rgb*$_{Ma}$**: 0.0 1.0 0.57**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

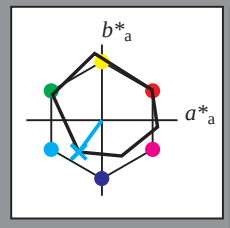
ORS20_95a; adapted (a) CIELAB data

*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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.65** **u^*_d = *c00v***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c00v* u^*_e = *g65b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

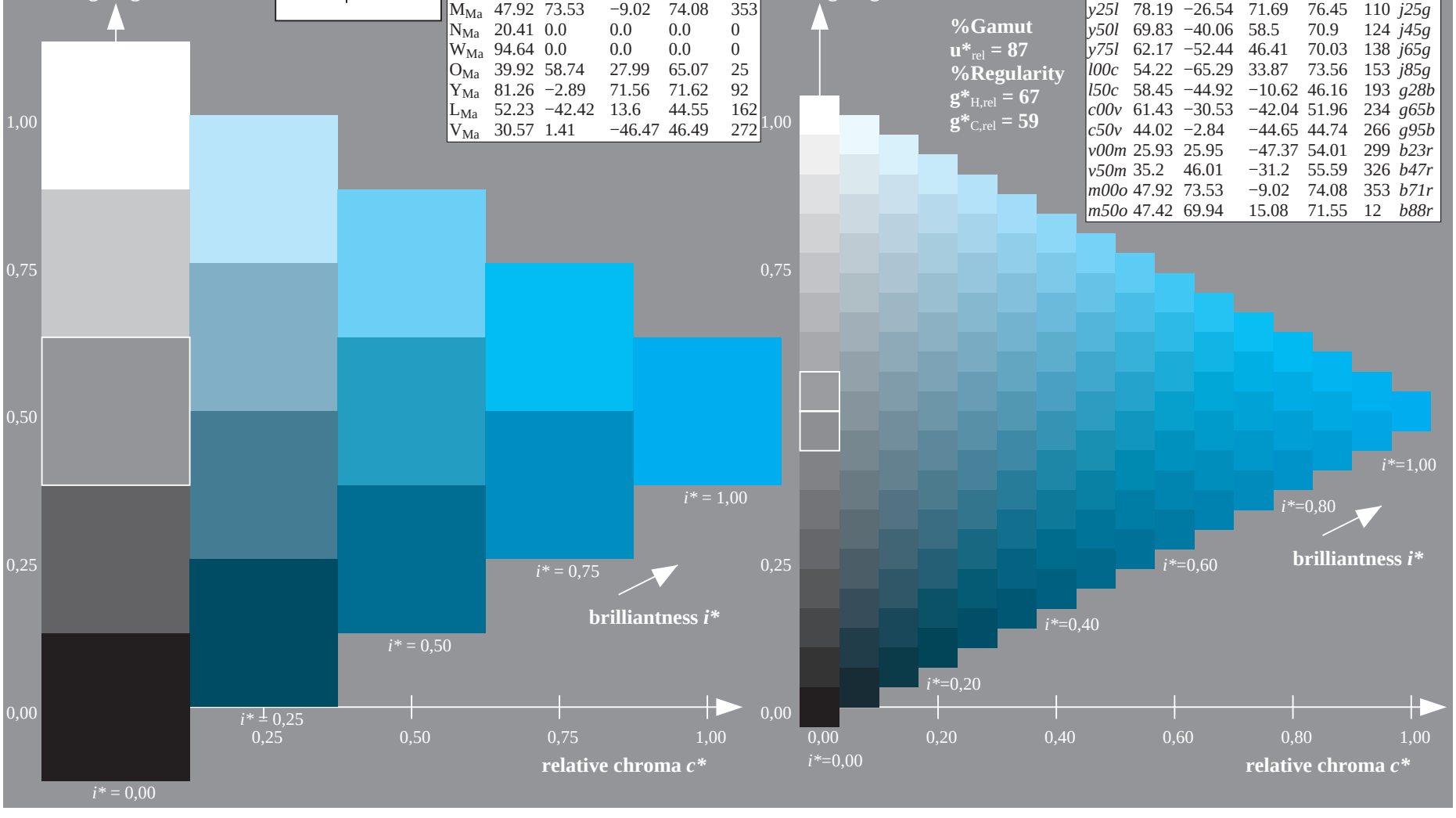
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 61 −31 −42**
LAB*LCH*$_{Ma}$**: 61 52 234**
lab*olv*$_{Ma}$**: 0.0 1.0 1.0**
lab*rgb*$_{Ma}$**: 0.0 0.69 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

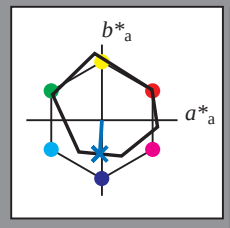
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.74** **u^*_d = *c50v***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c50v* u^*_e = *g95b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

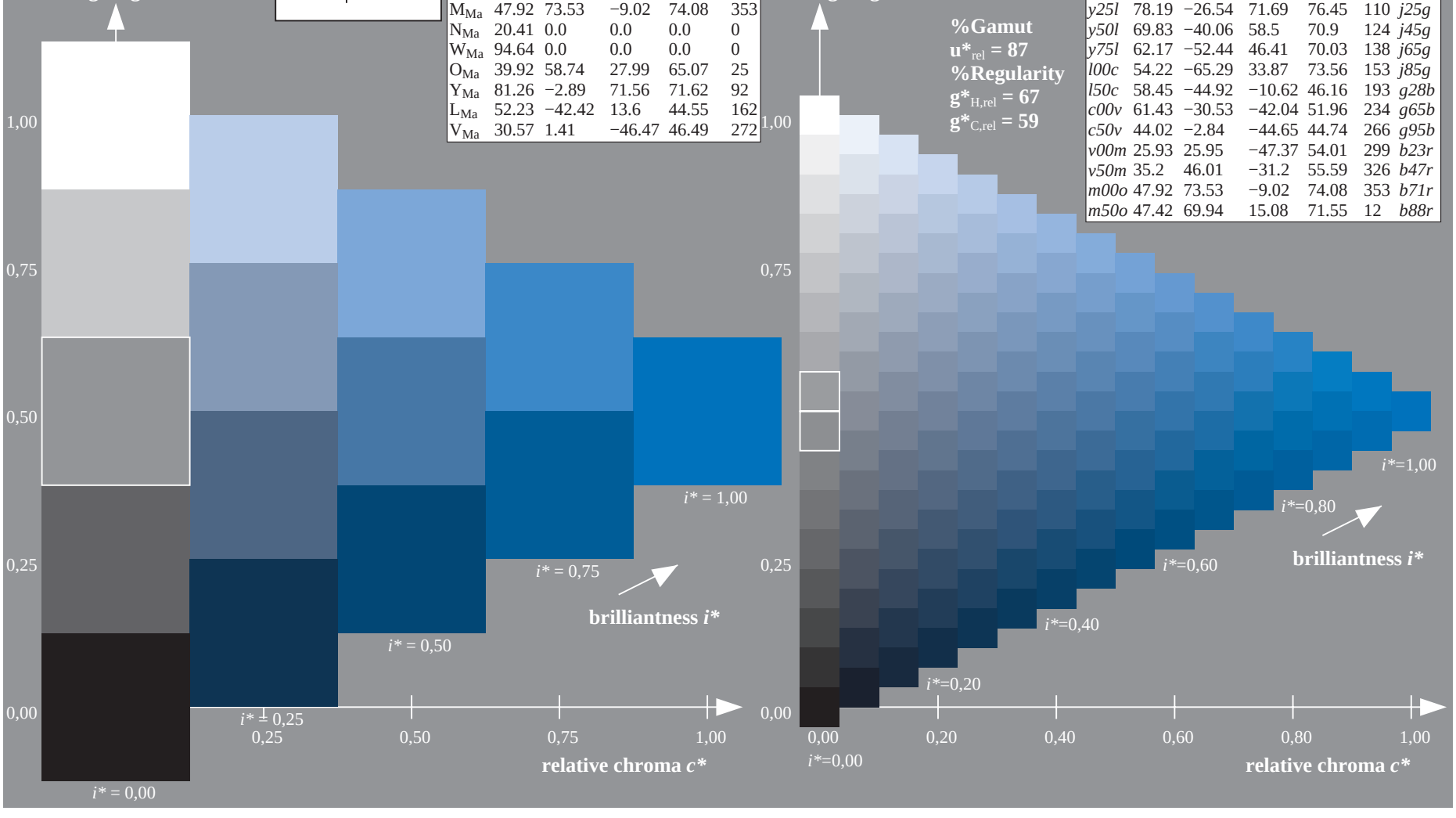
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 44 −3 −45**
LAB*LCH*$_{Ma}$**: 44 45 266**
lab*olv*$_{Ma}$**: 0.0 0.5 1.0**
lab*rgb*$_{Ma}$**: 0.0 0.1 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

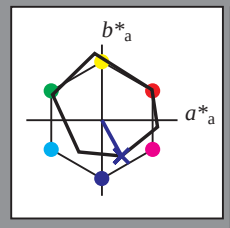
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.83** **u^*_d = *v00m***

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

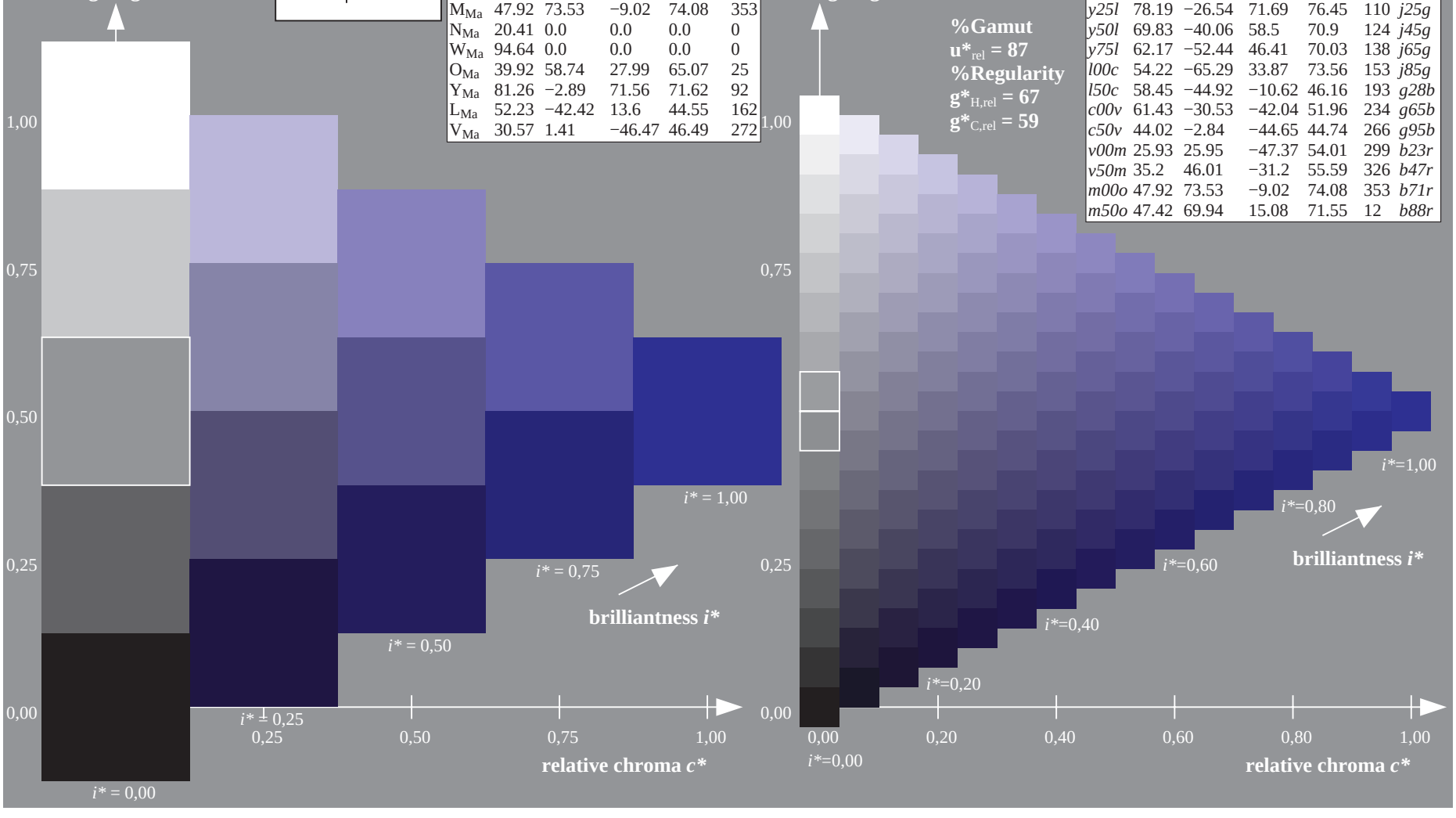
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

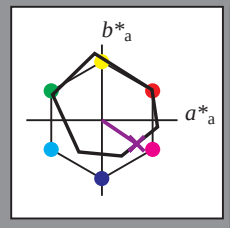
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.905** **u^*_d = *v50m***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

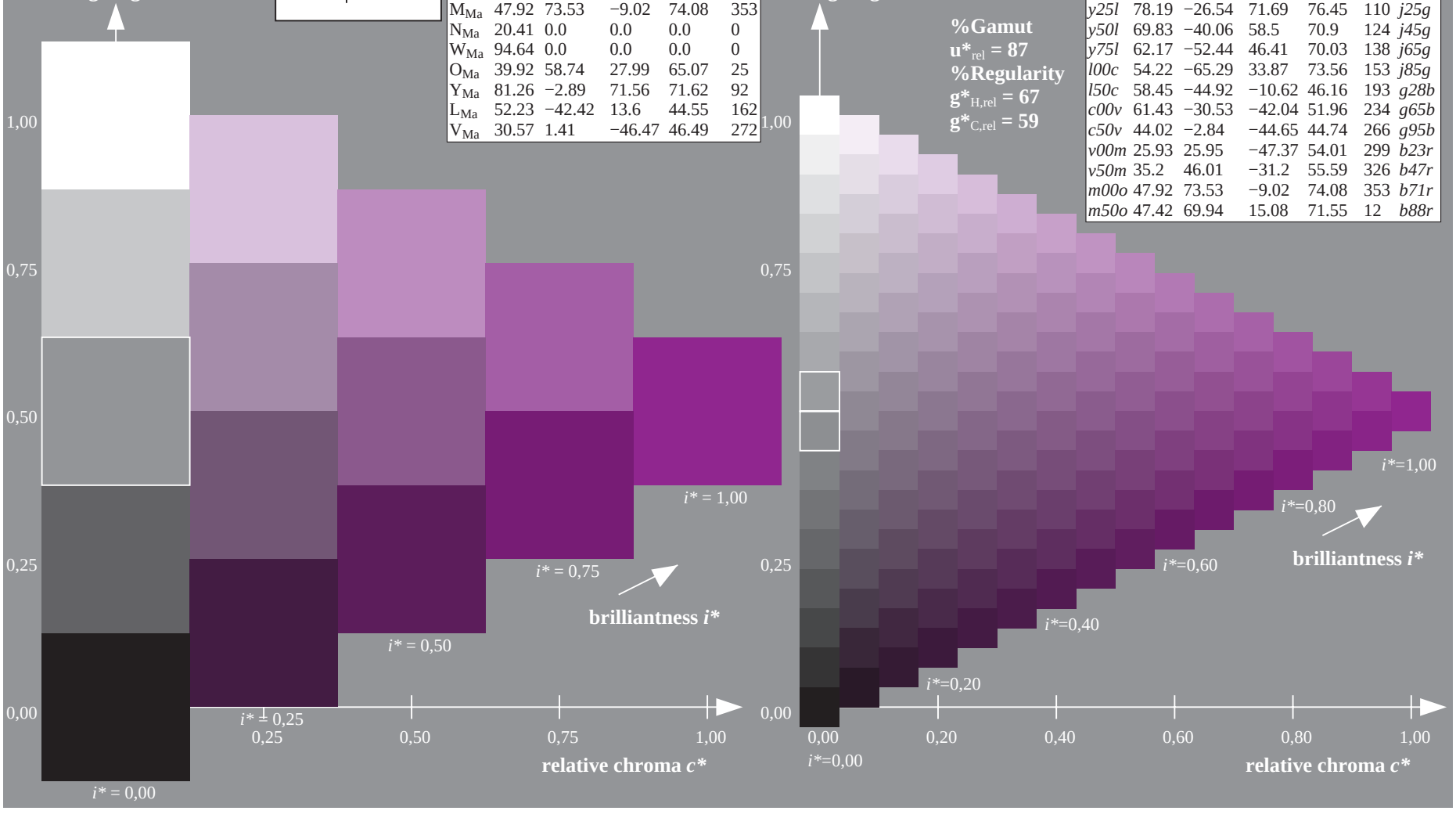
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 35 46 −31**
LAB*LCH*$_{Ma}$**: 35 56 325**
lab*olv*$_{Ma}$**: 0.5 0.0 1.0**
lab*rgb*$_{Ma}$**: 0.95 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

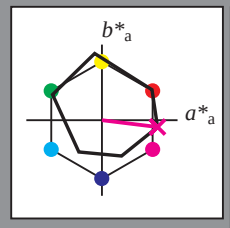
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.981** **u^*_d = *m00o***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

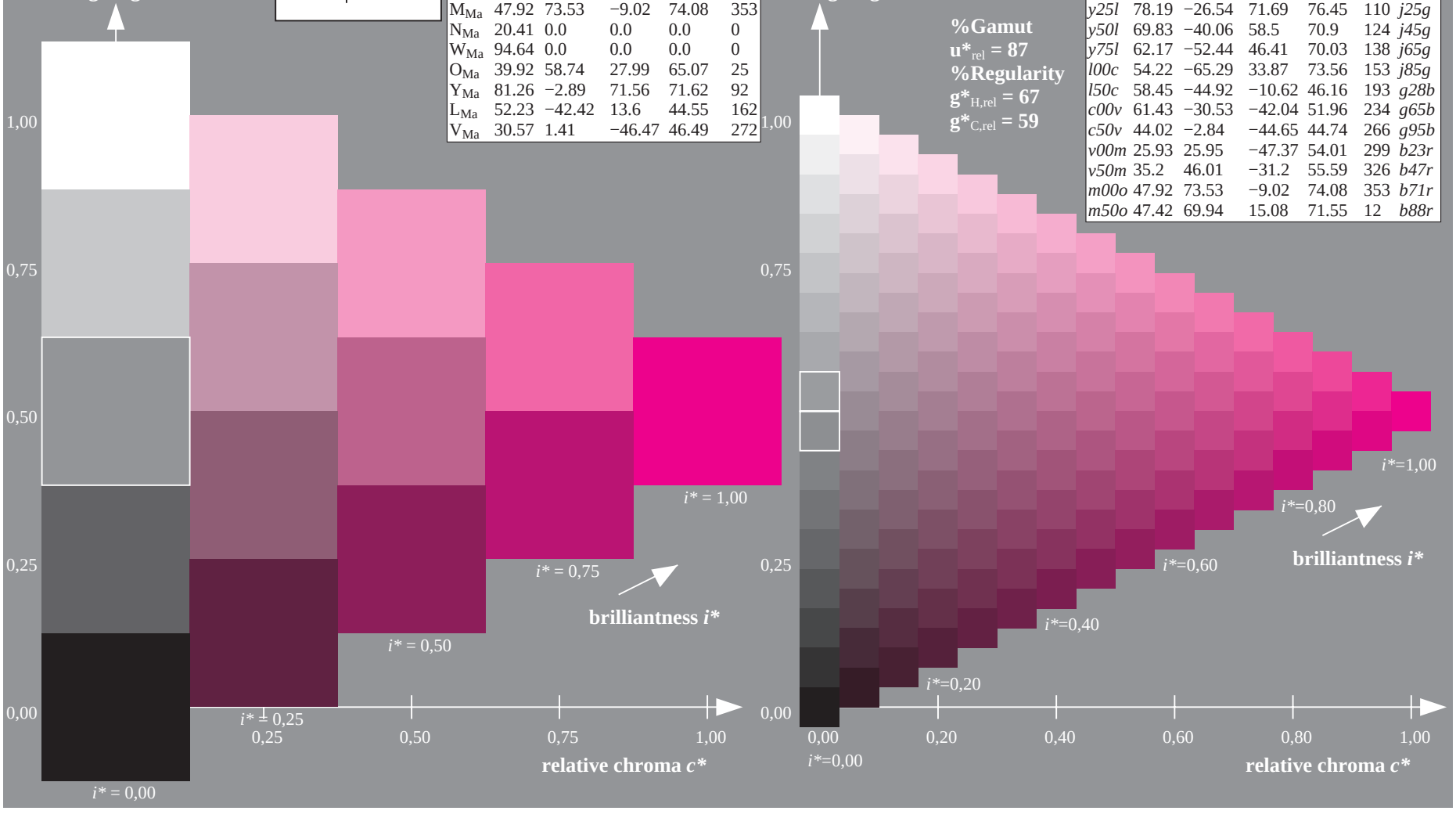
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*$_{Ma}$**: 48 74 −9**
LAB*LCH*$_{Ma}$**: 48 74 353**
lab*olv*$_{Ma}$**: 1.0 0.0 1.0**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.57**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

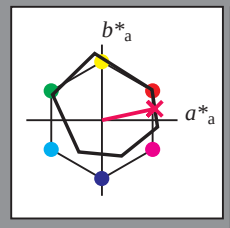
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.034** **u^*_d = *m50o***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

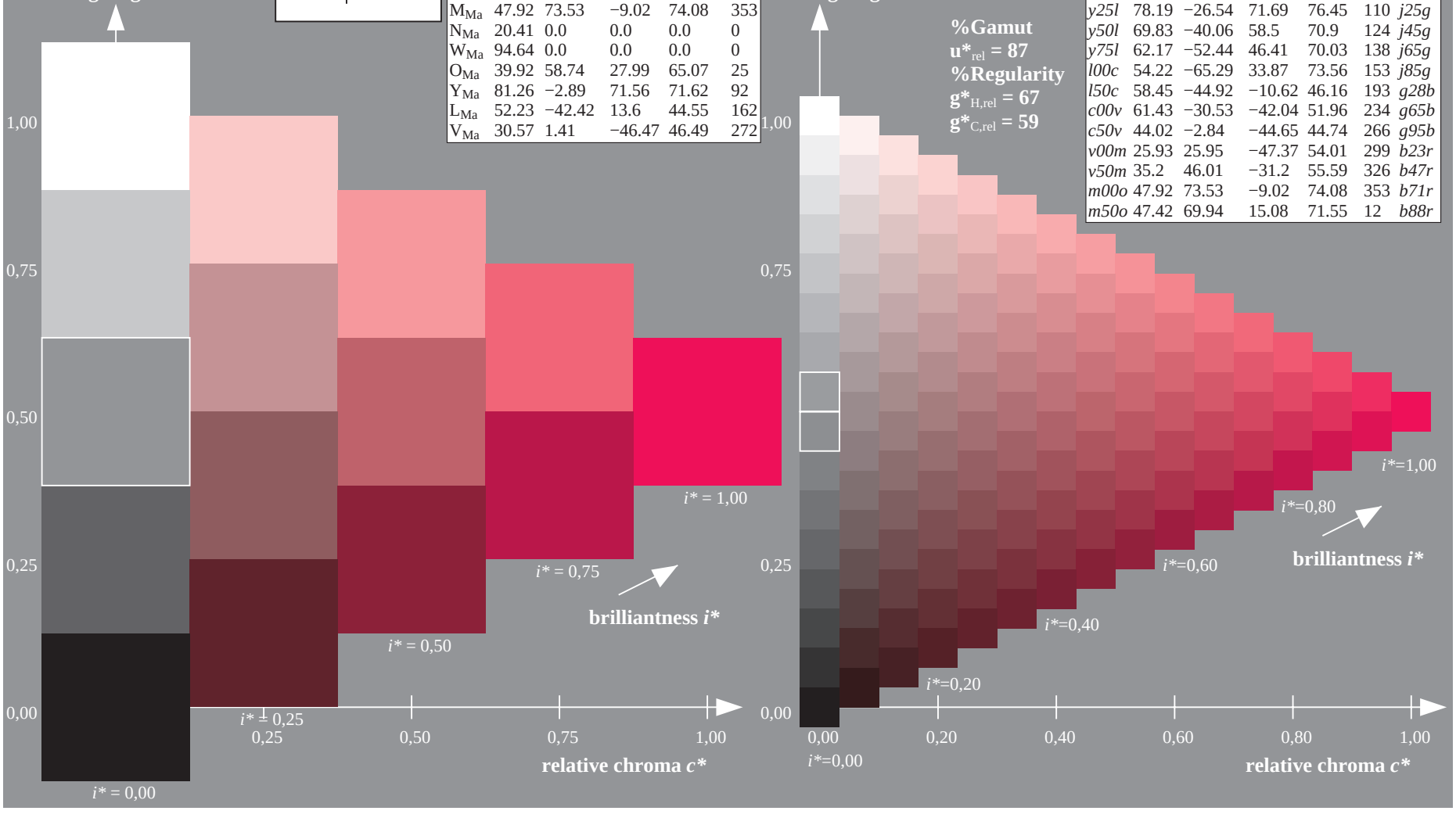
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

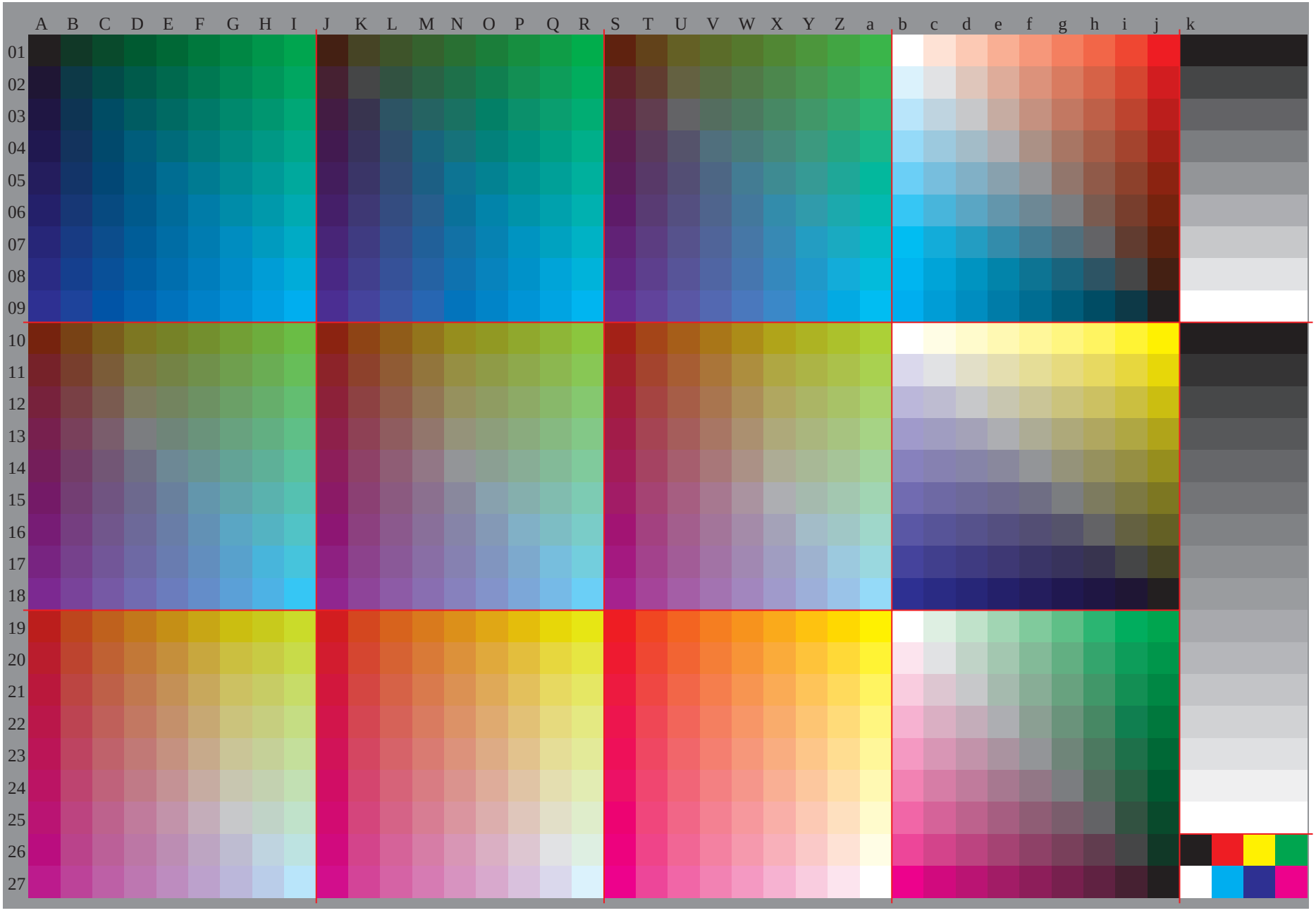
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 47 70 15**
LAB*LCH*$_{Ma}$**: 47 72 12**
lab*olv*$_{Ma}$**: 1.0 0.0 0.5**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.23**
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

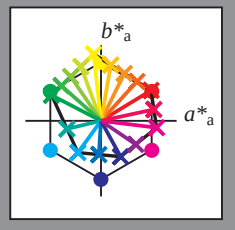




Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

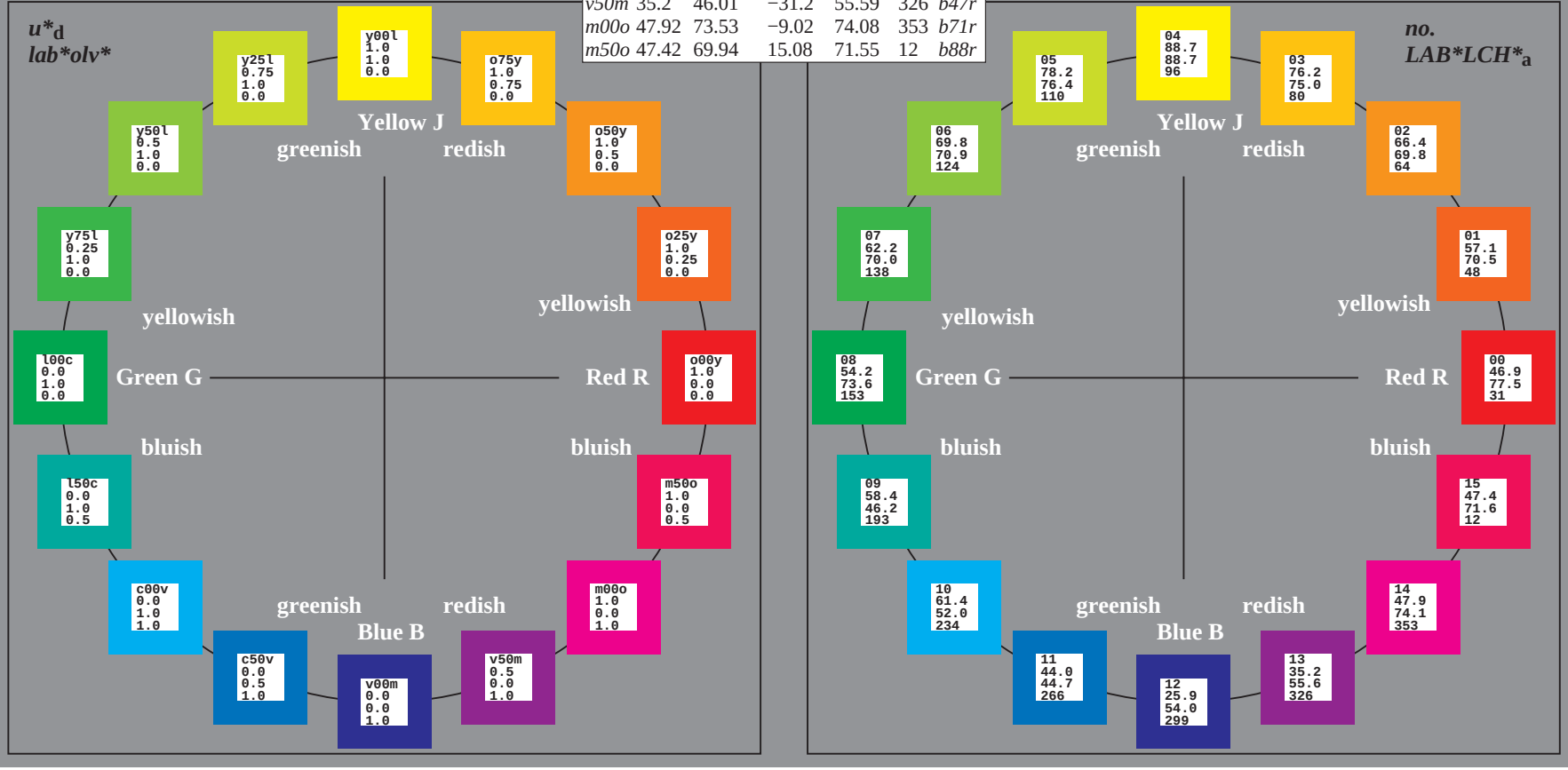
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*



%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

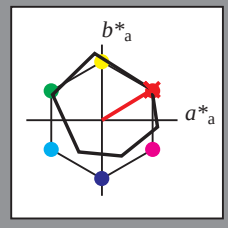
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	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_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.087**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r09j*
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

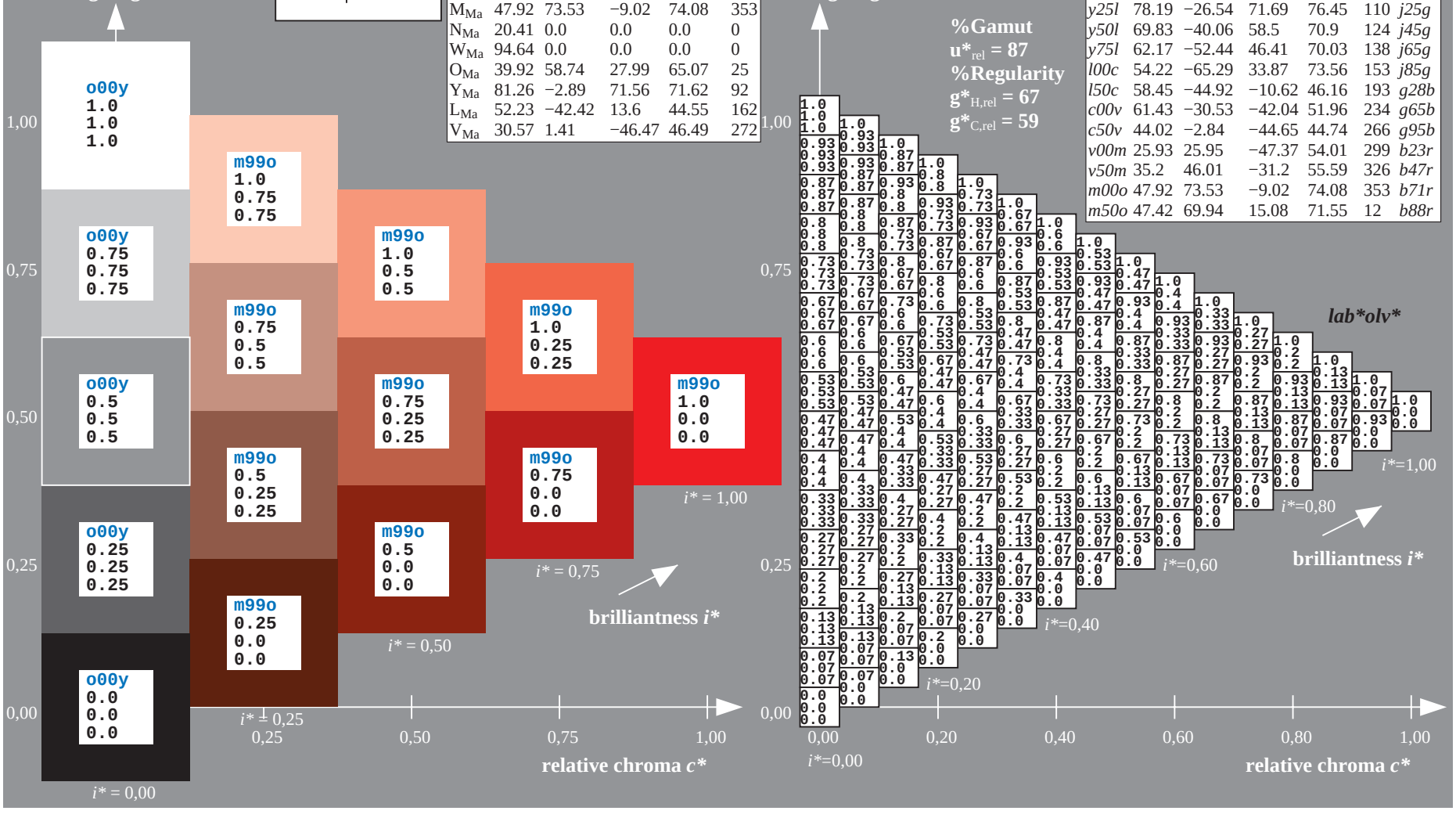
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 47 66 40
*LAB*LCH**$_{Ma}$: 47 77 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

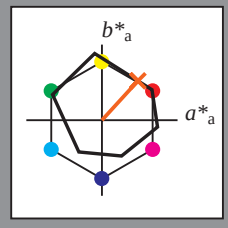
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.132**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

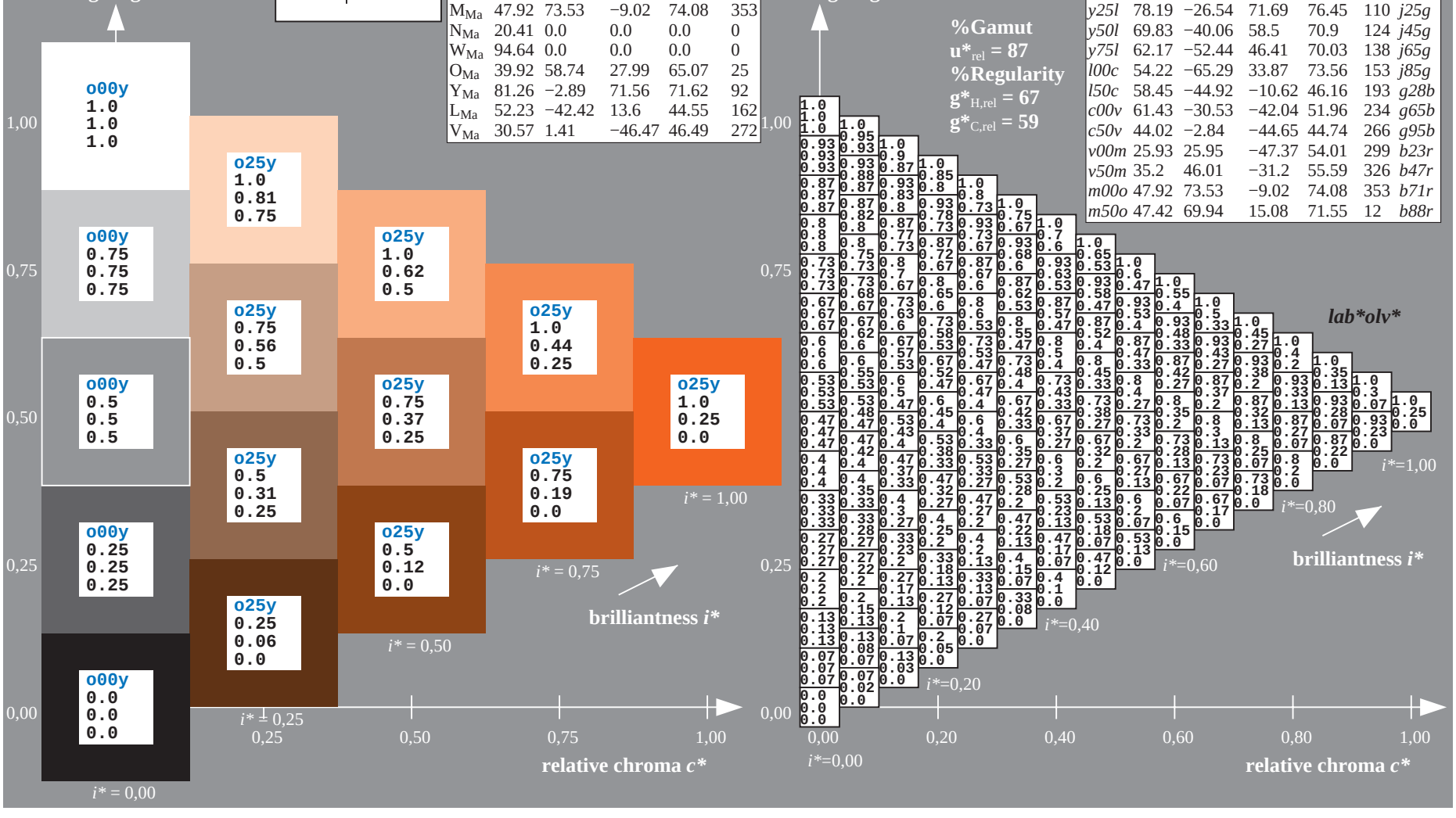
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 57 48 52
*LAB*LCH**$_{Ma}$: 57 71 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

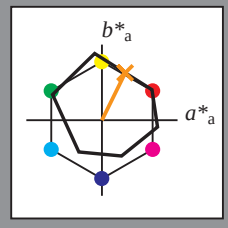
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.177**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
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

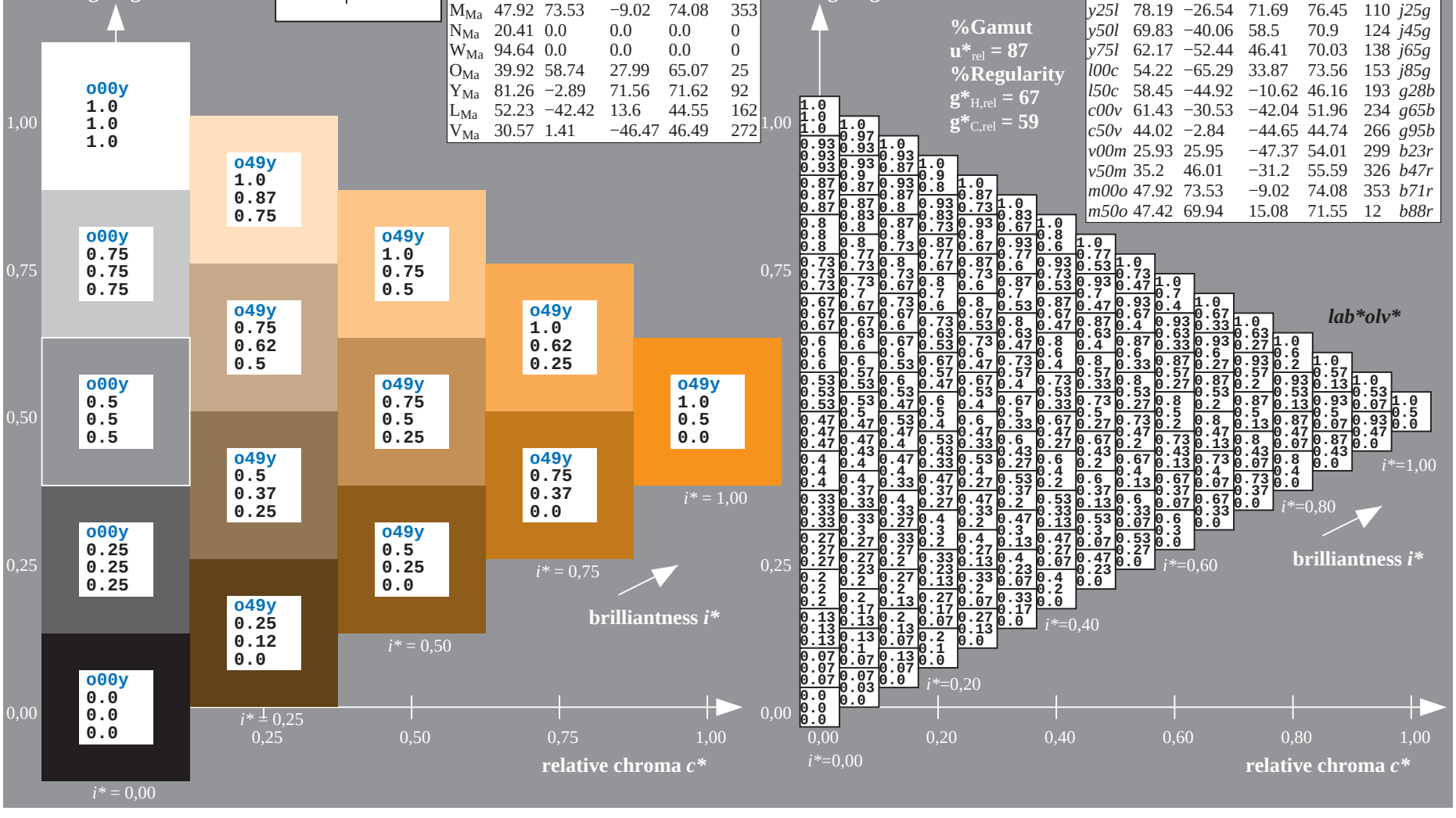
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 66 31 63
*LAB*LCH**$_{Ma}$: 66 70 63
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.57 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *o50y*
*lab*olv**

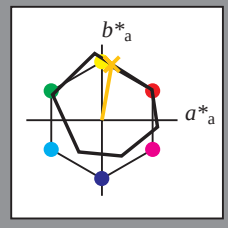
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.222**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
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

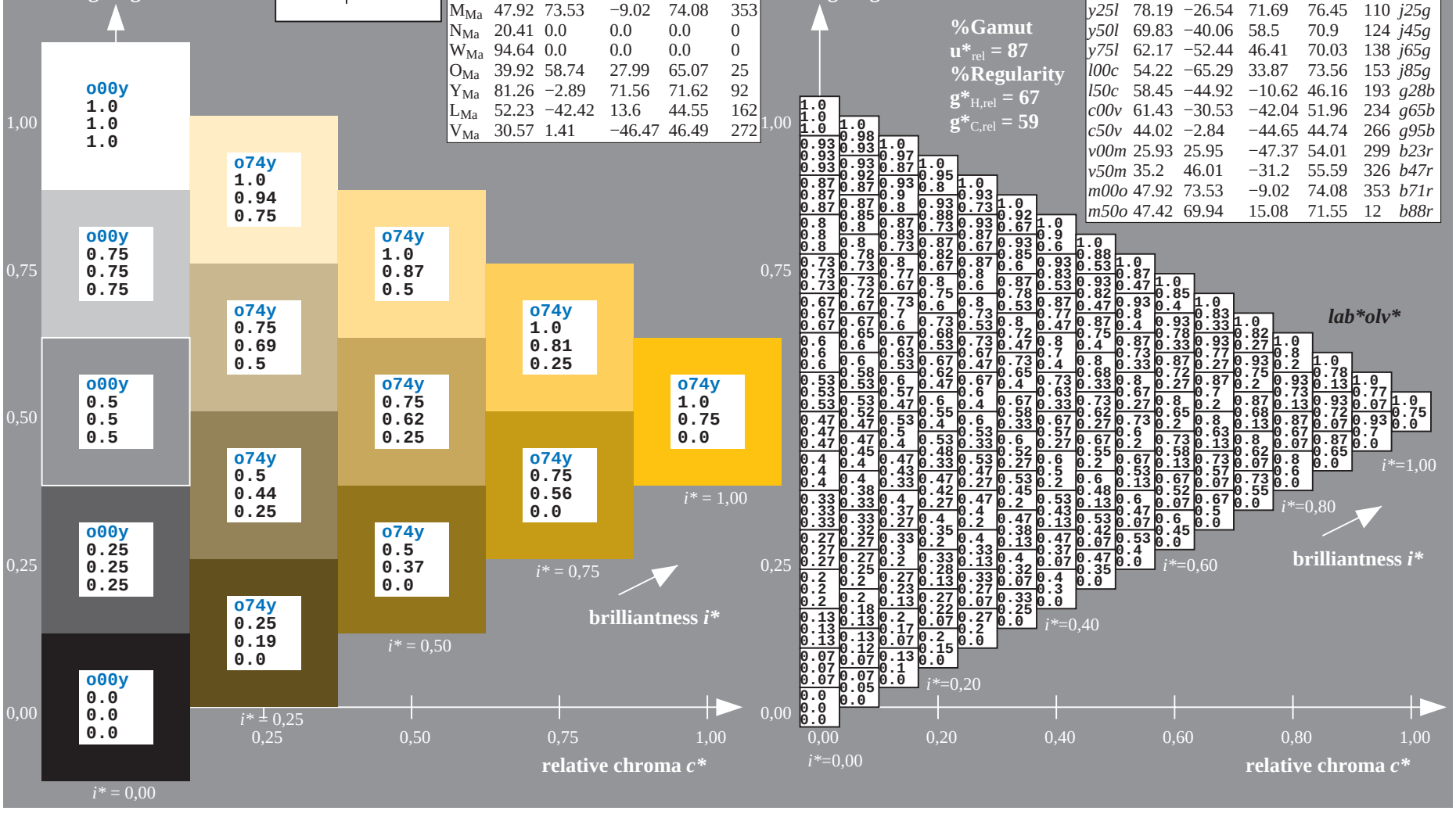
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 76 13 74
*LAB*LCH**$_{Ma}$: 76 75 79
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

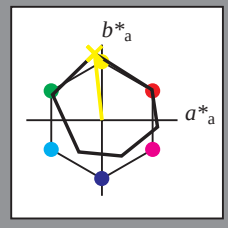
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.267**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

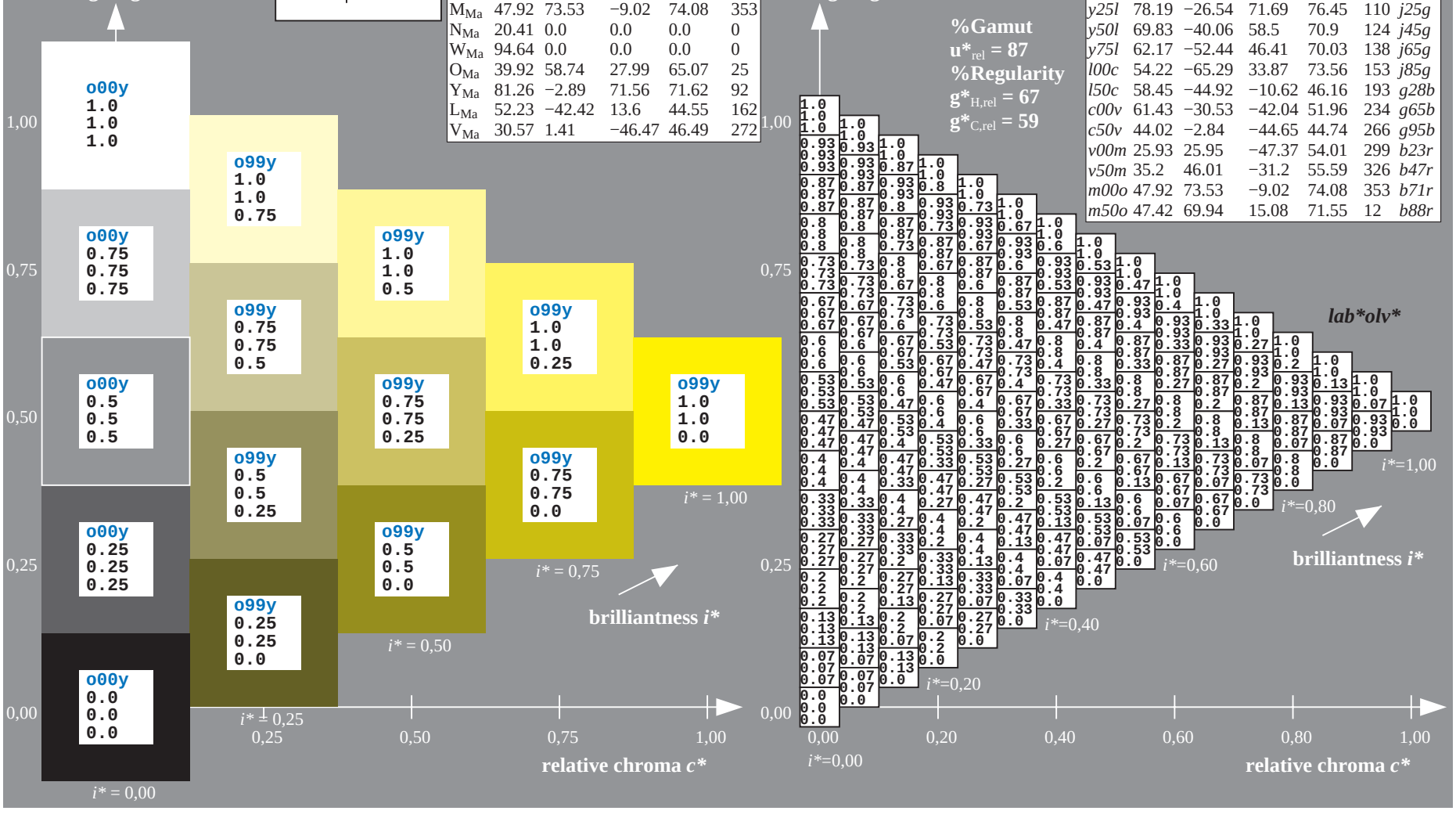
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 89 −10 88
*LAB*LCH**$_{Ma}$: 89 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

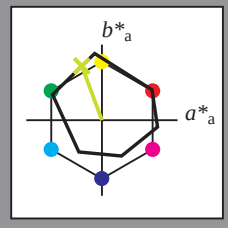
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.306**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

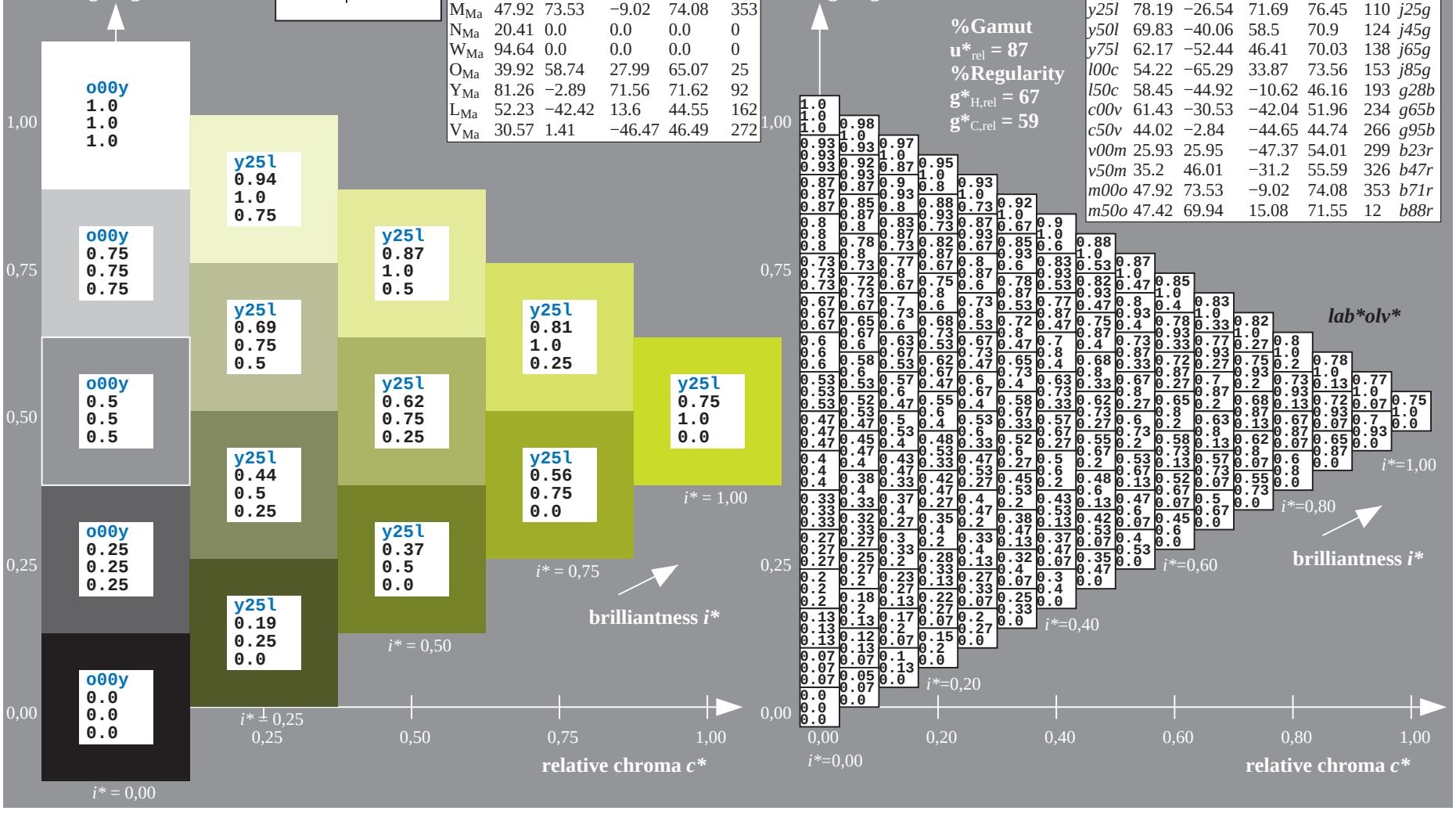
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 78 −27 72
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.74 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

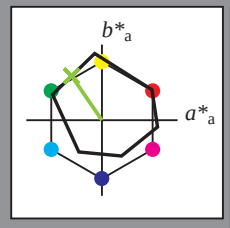
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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: *000n / w / nnn0 / www set...*
output: *−>cmyn6* setcmykcolor*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.346**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j45g*
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

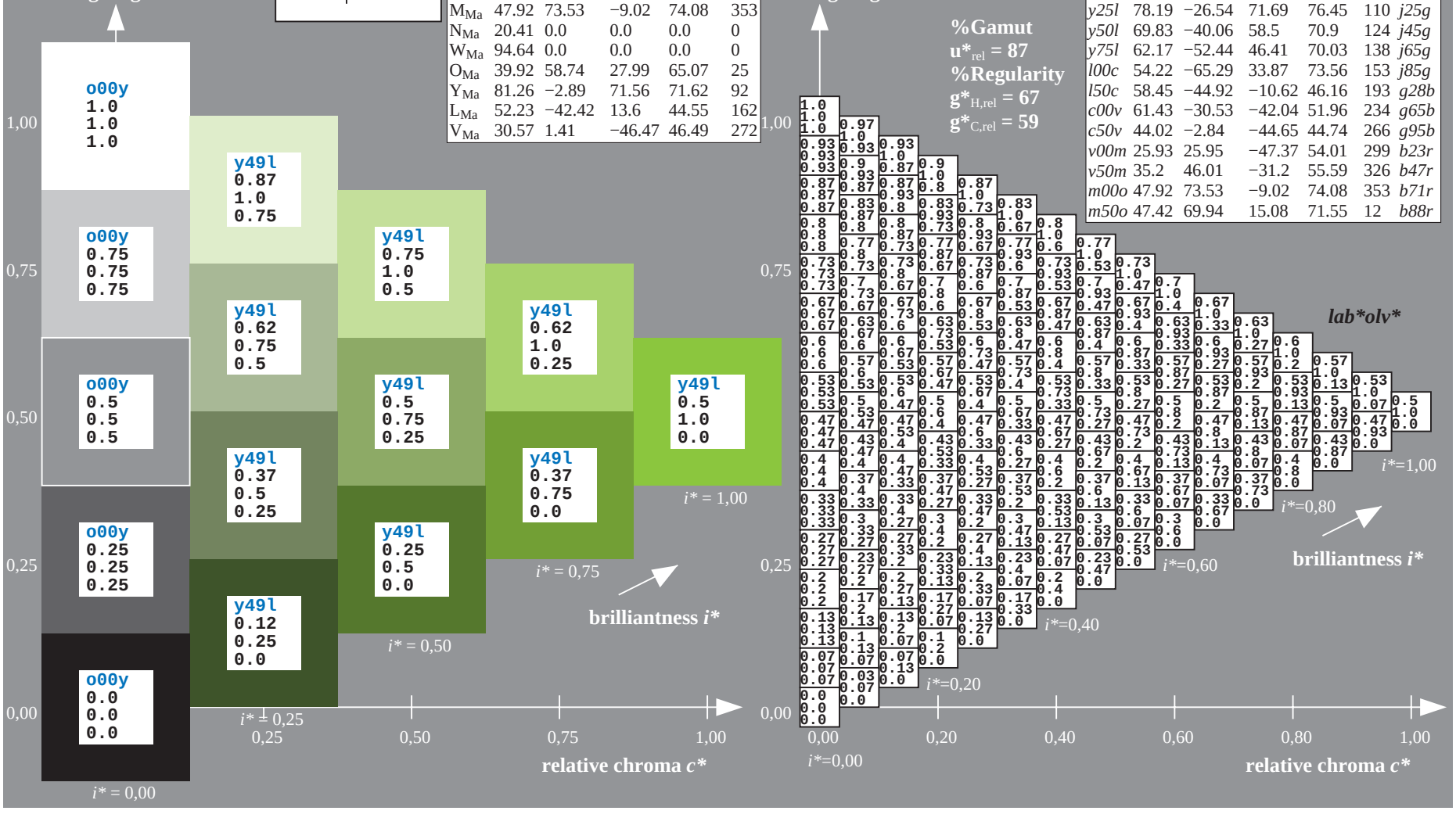
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 70 −40 58
*LAB*LCH**$_{Ma}$: 70 71 124
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.54 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

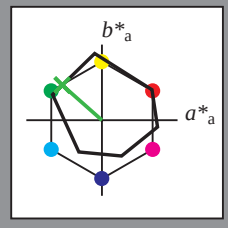
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.385**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j65g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

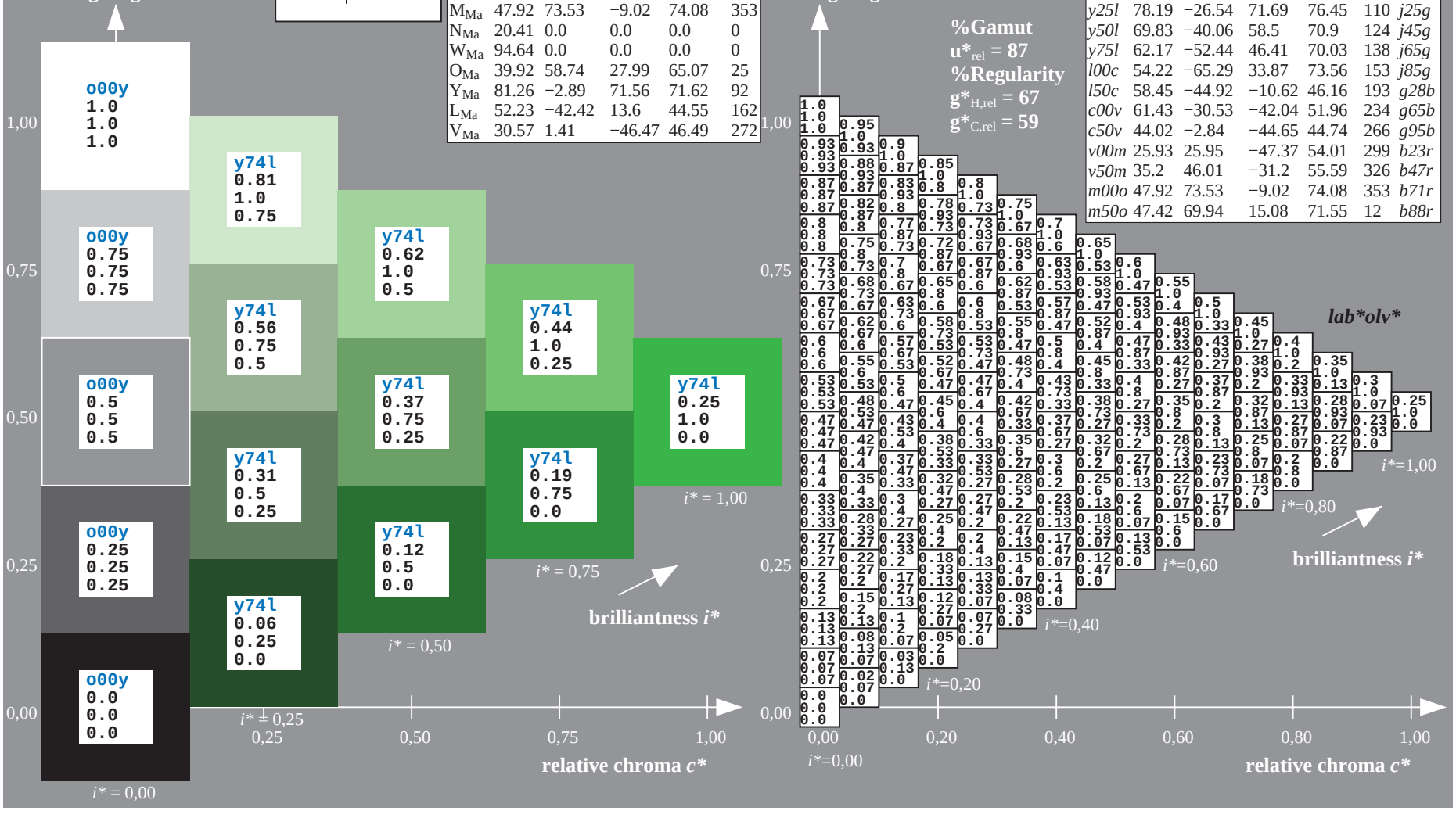
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 62 −52 46
*LAB*LCH**$_{Ma}$: 62 70 138
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.34 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

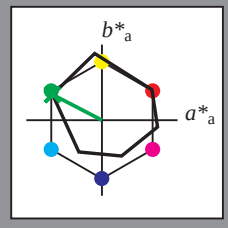
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.424**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j85g*
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

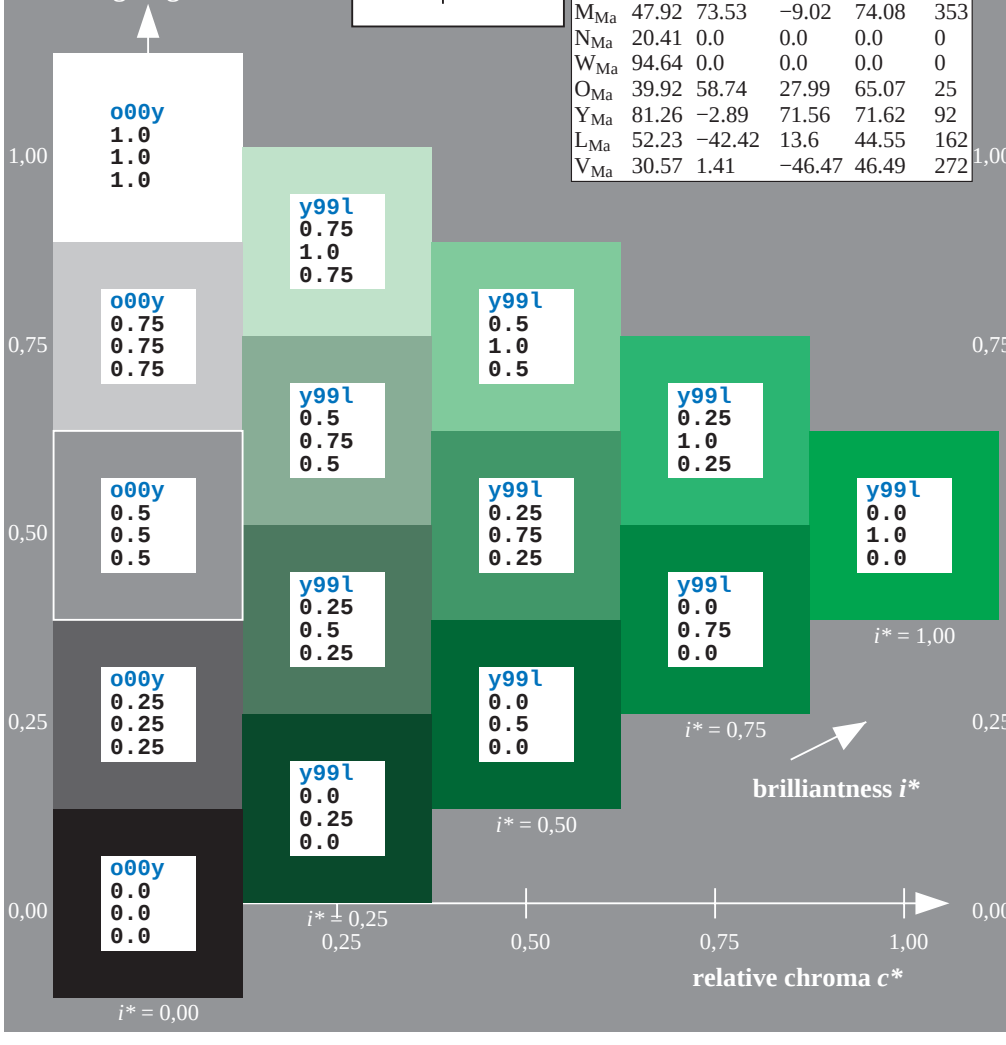
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 54 −65 34
*LAB*LCH**$_{Ma}$: 54 74 152
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.14 1.0 0.0
triangle lightness *t**

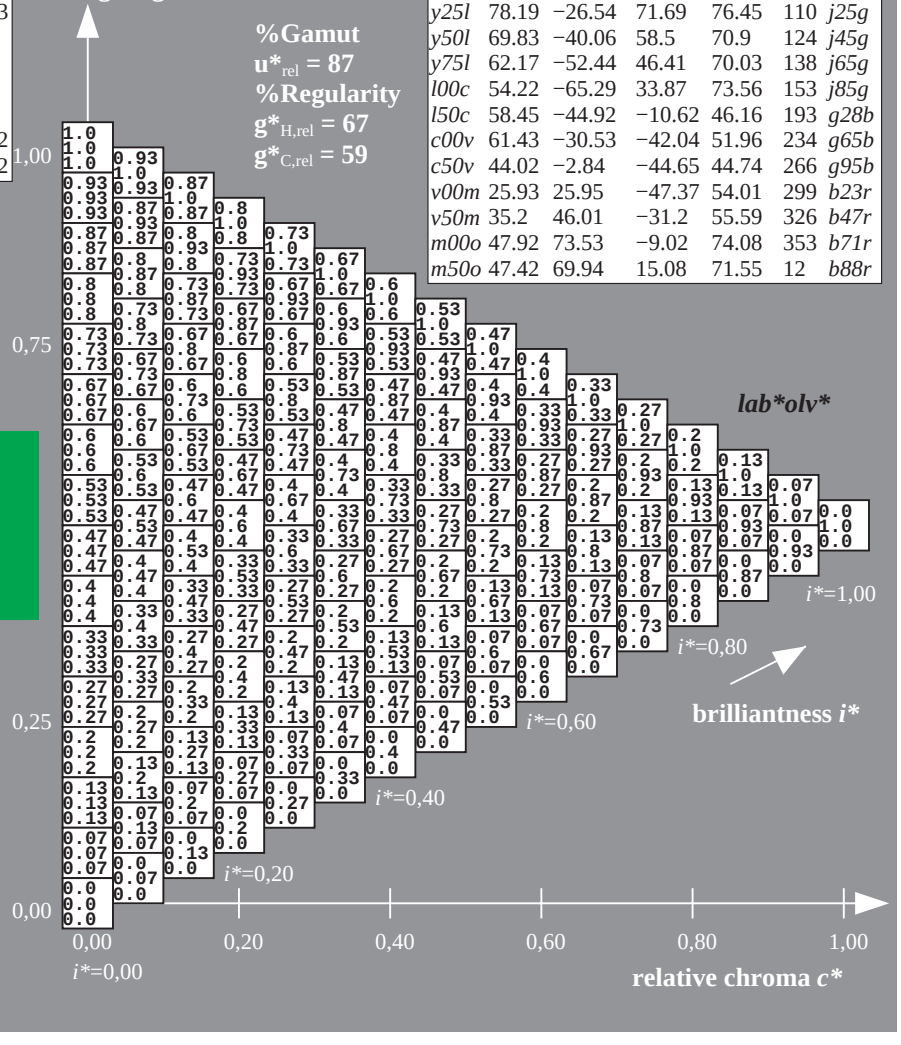
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *l00c*
*lab*olv**

ORS20_95a; adapted (a) CIELAB data

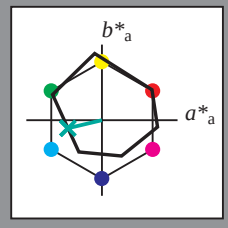
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.537**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
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

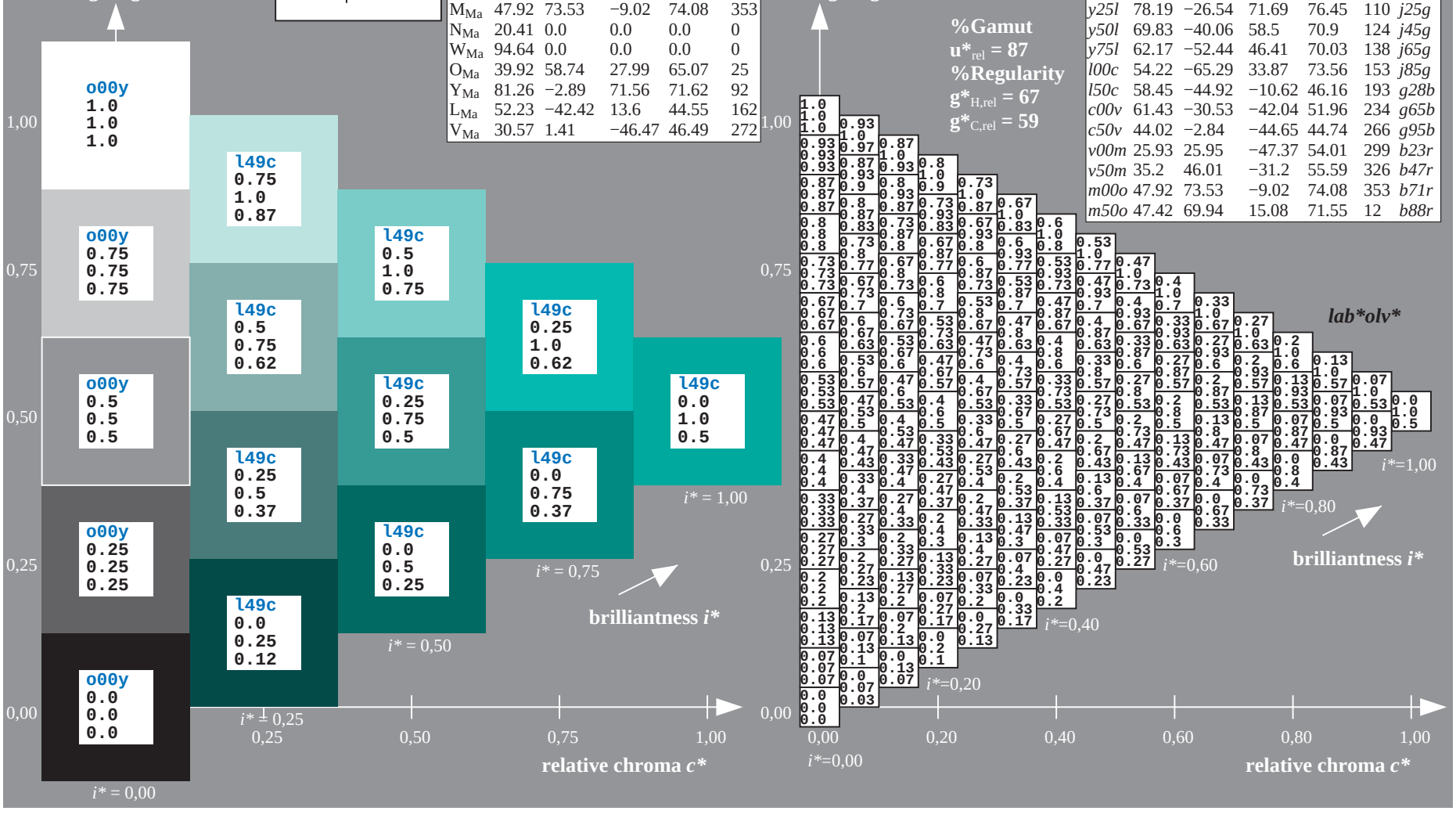
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 58 −45 −11
*LAB*LCH**$_{Ma}$: 58 46 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *l50c*
*lab*olv**

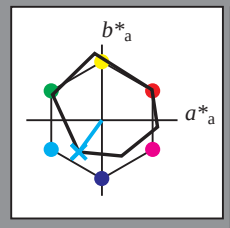
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.65$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g65b$
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

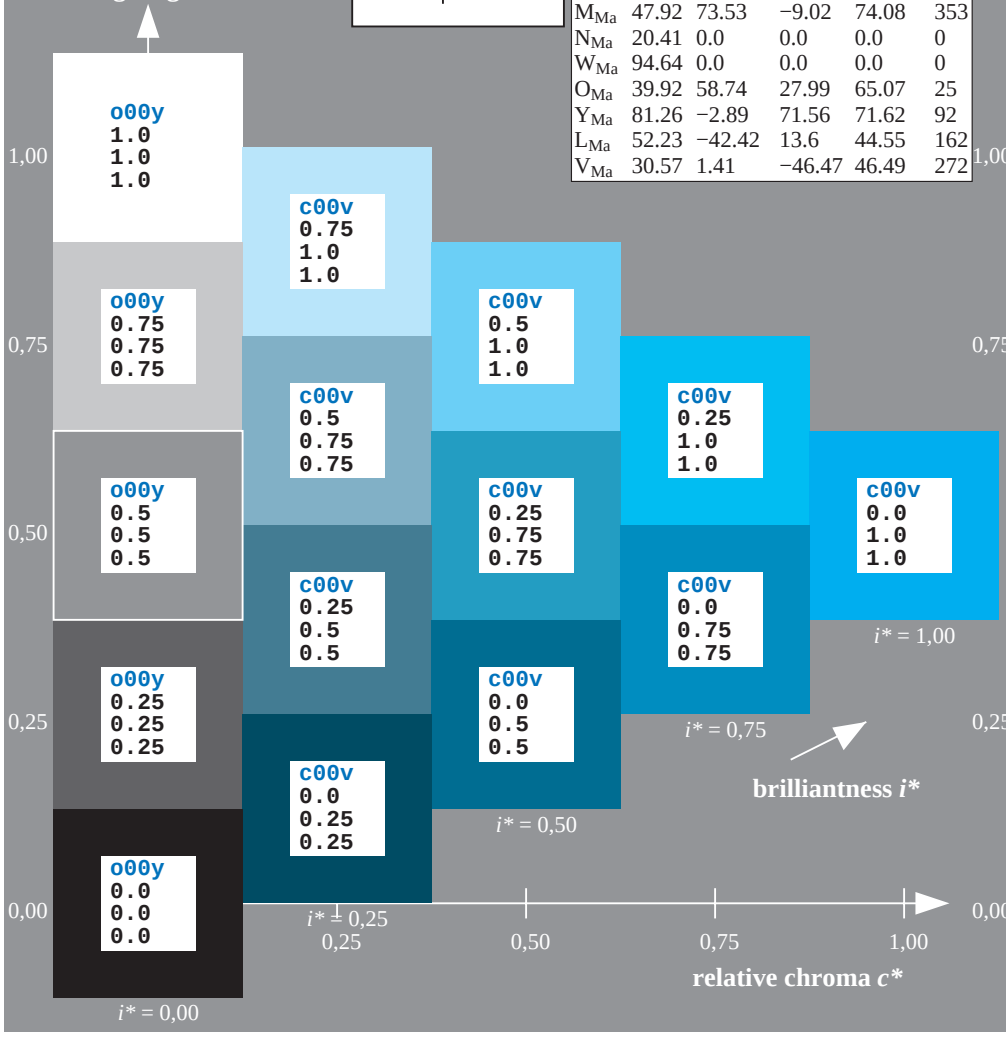
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 61 −31 −42**
***LAB*LCH**$_{Ma}$: 61 52 234**
***lab*olv**$_{Ma}$: 0.0 1.0 1.0**
***lab*rgb**$_{Ma}$: 0.0 0.69 1.0**
triangle lightness *t**

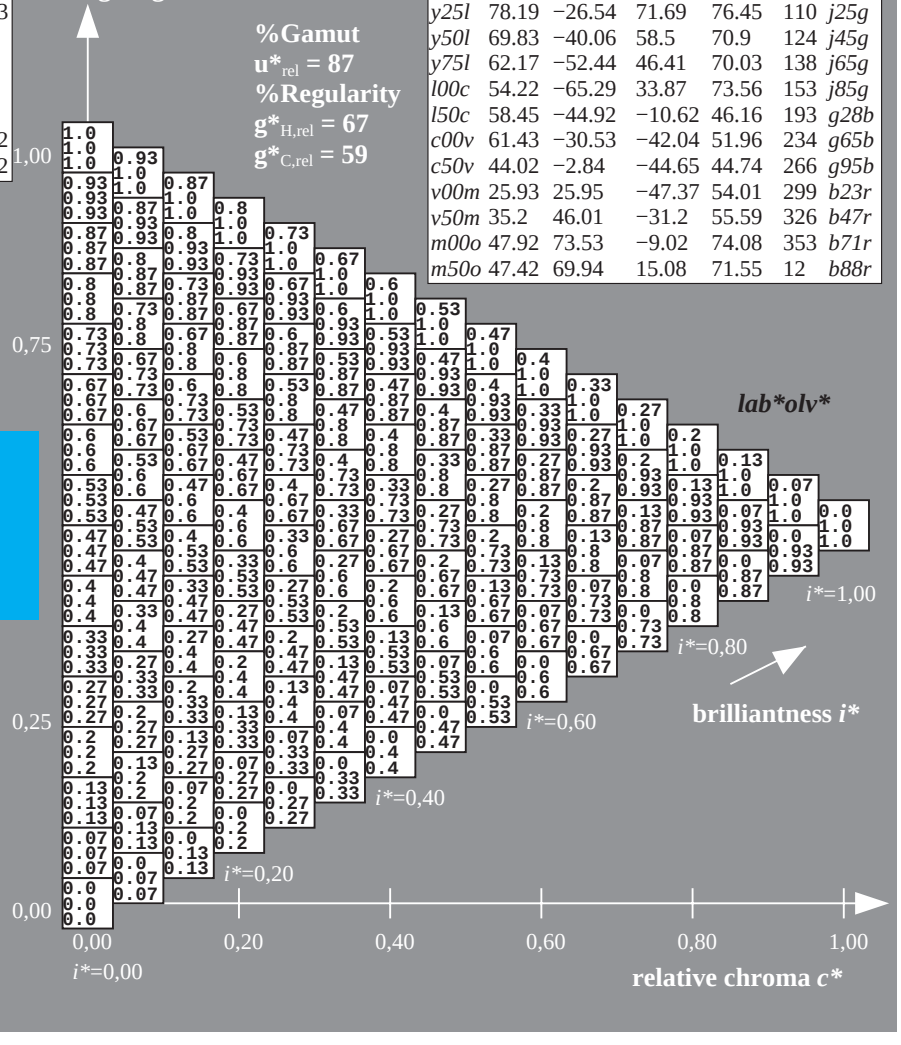
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

ORS20_95a; adapted (a) CIELAB data

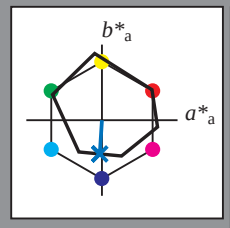
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.74**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g95b*
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

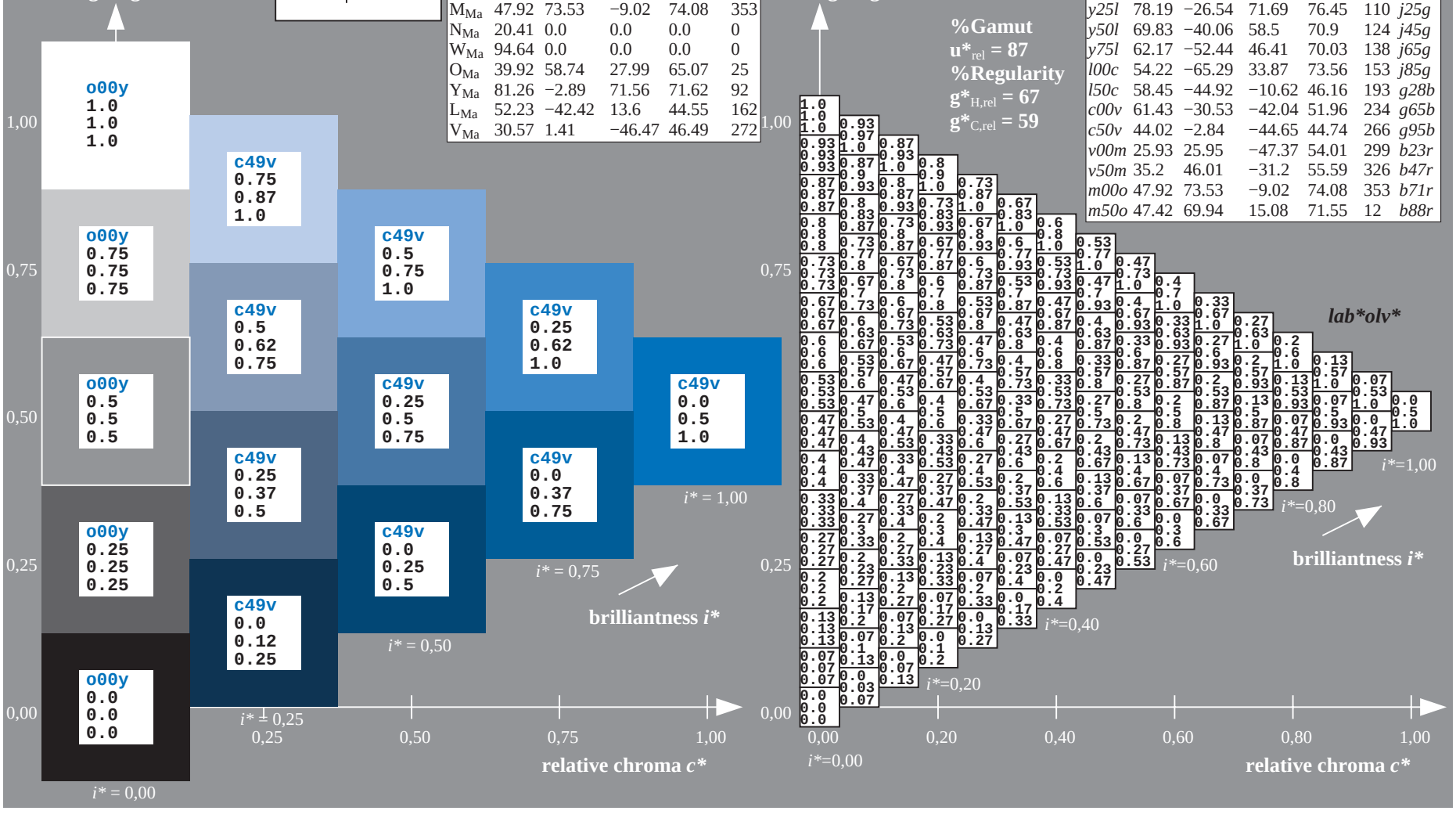
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 44 −3 −45
*LAB*LCH**$_{Ma}$: 44 45 266
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.1 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

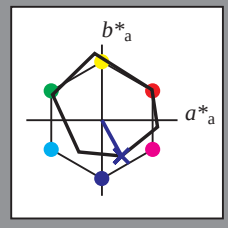
ORS20_95a; adapted (a) CIELAB data

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_95a 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

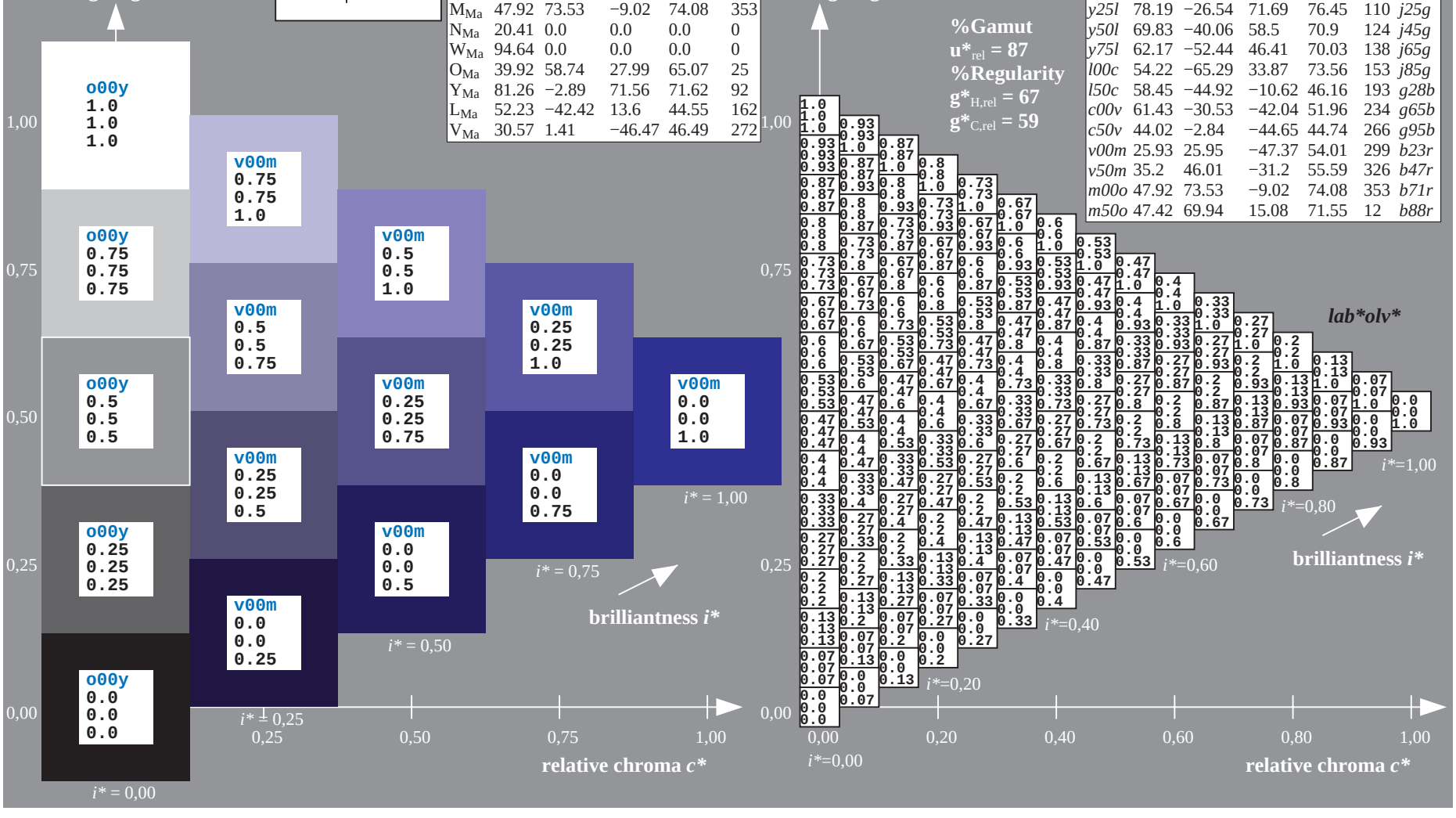
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 26 26 −47
*LAB*LCH**$_{Ma}$: 26 54 298
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.47 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

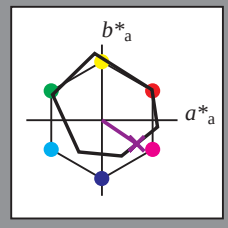
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.905**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

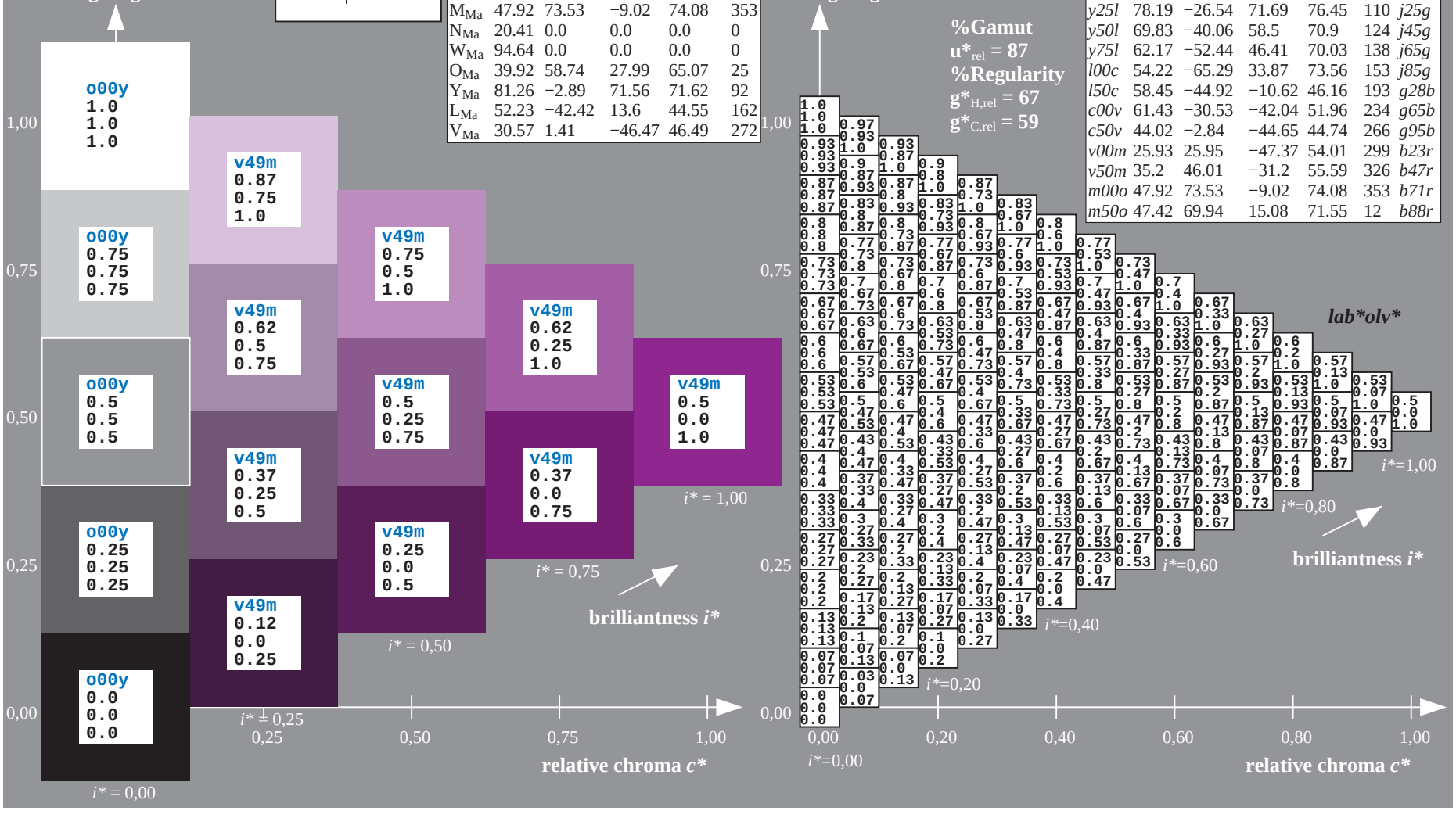
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 35 46 −31
*LAB*LCH**$_{Ma}$: 35 56 325
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.95 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

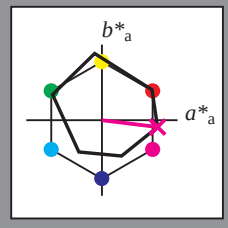
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.981**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



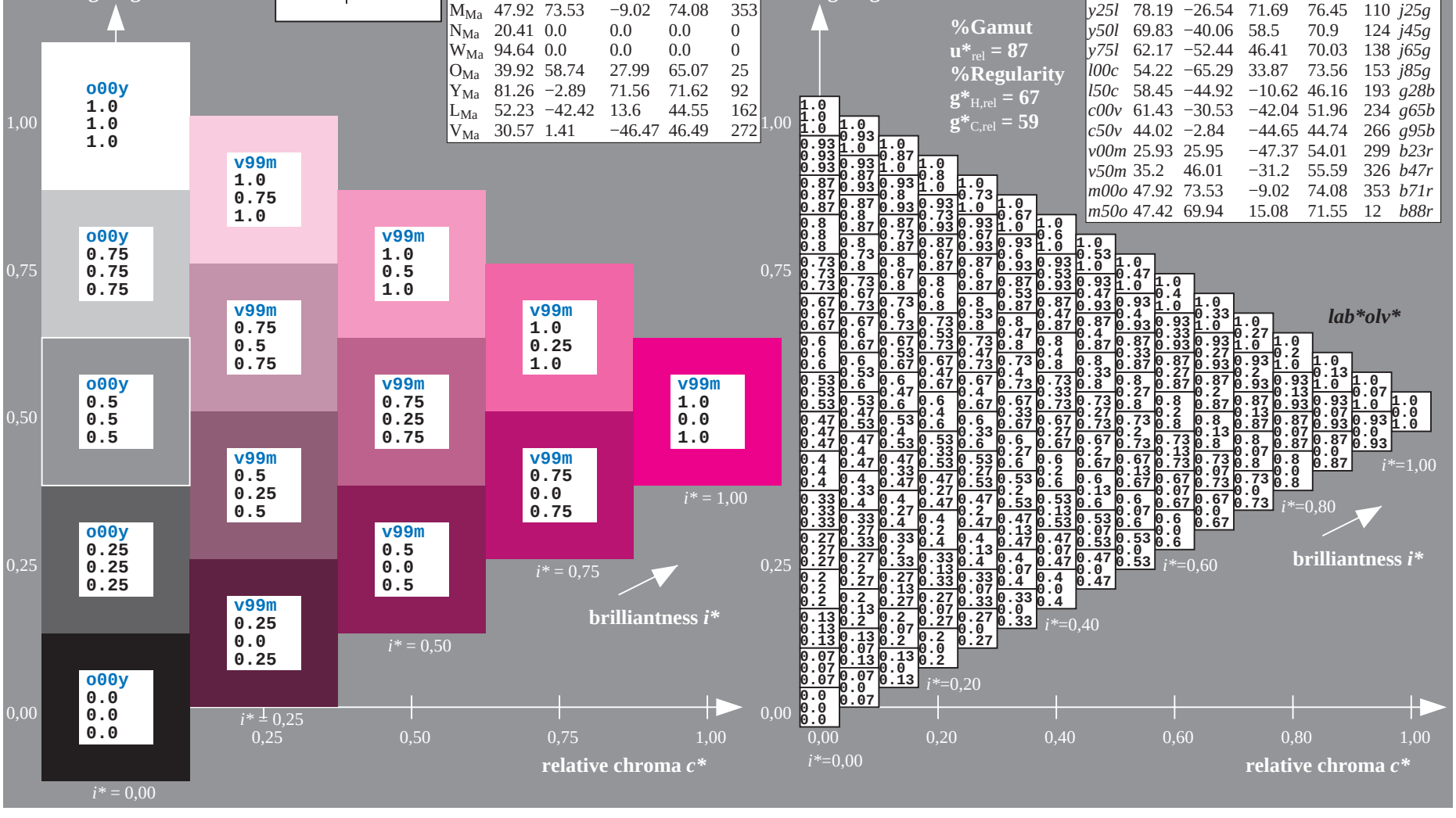
ORS20_95a; adapted (a) CIELAB data

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**$_{Ma}$: 48 74 −9
*LAB*LCH**$_{Ma}$: 48 74 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.57
triangle lightness *t**

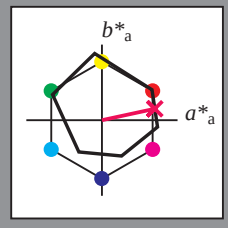
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.034**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



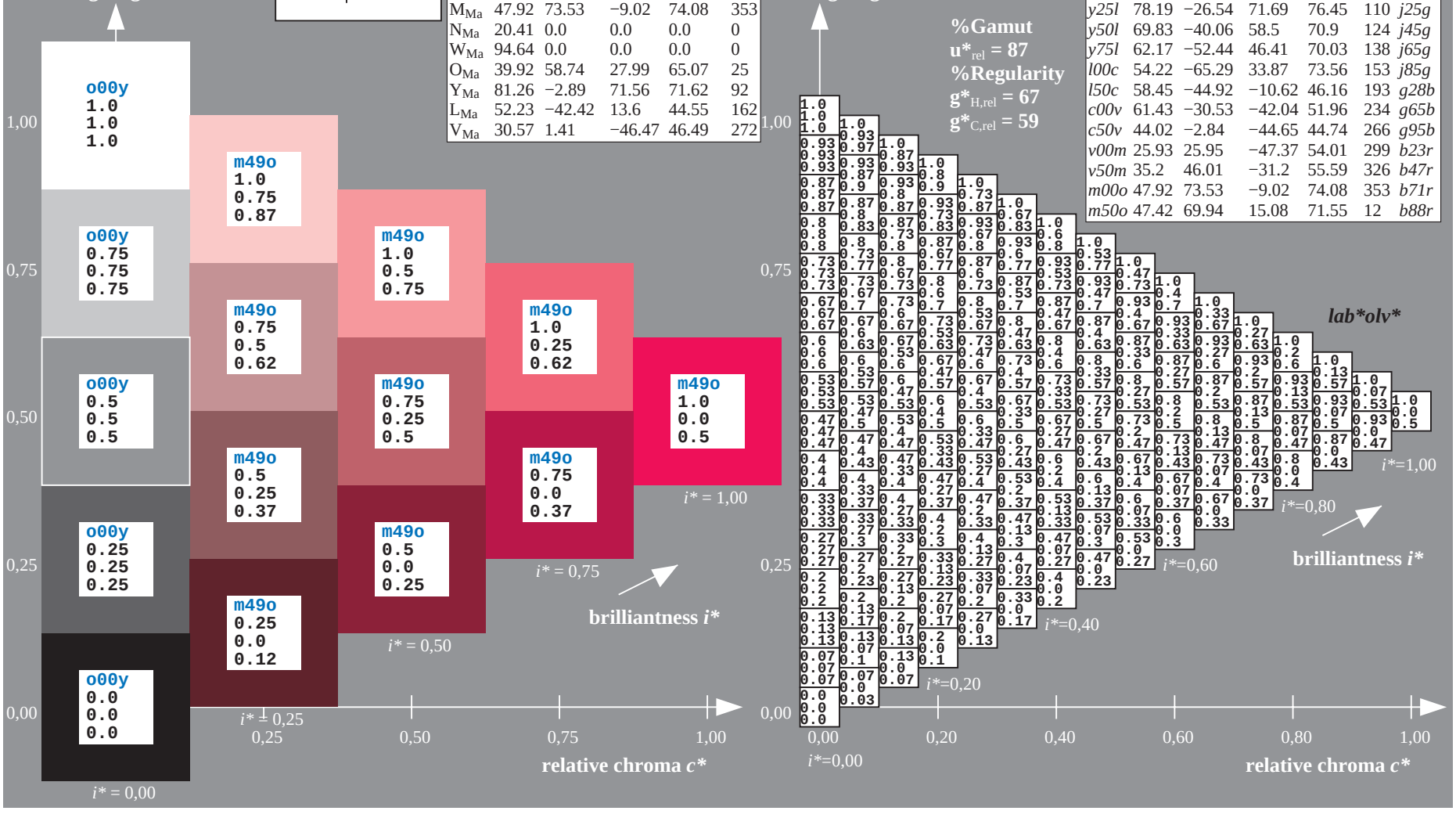
ORS20_95a; adapted (a) CIELAB data

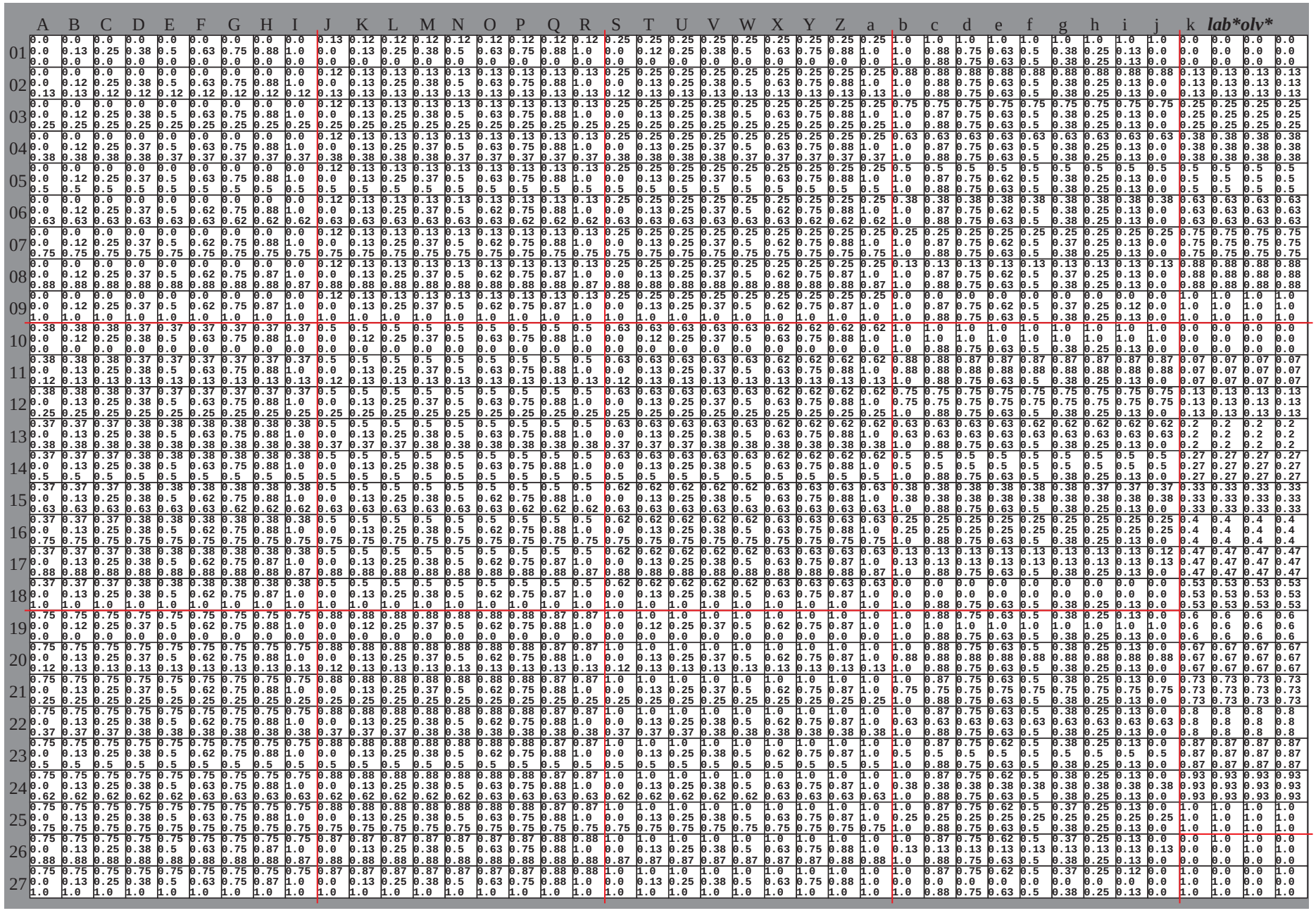
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 47 70 15
*LAB*LCH**$_{Ma}$: 47 72 12
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.23
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
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*

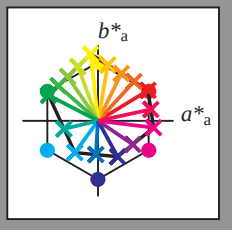




Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

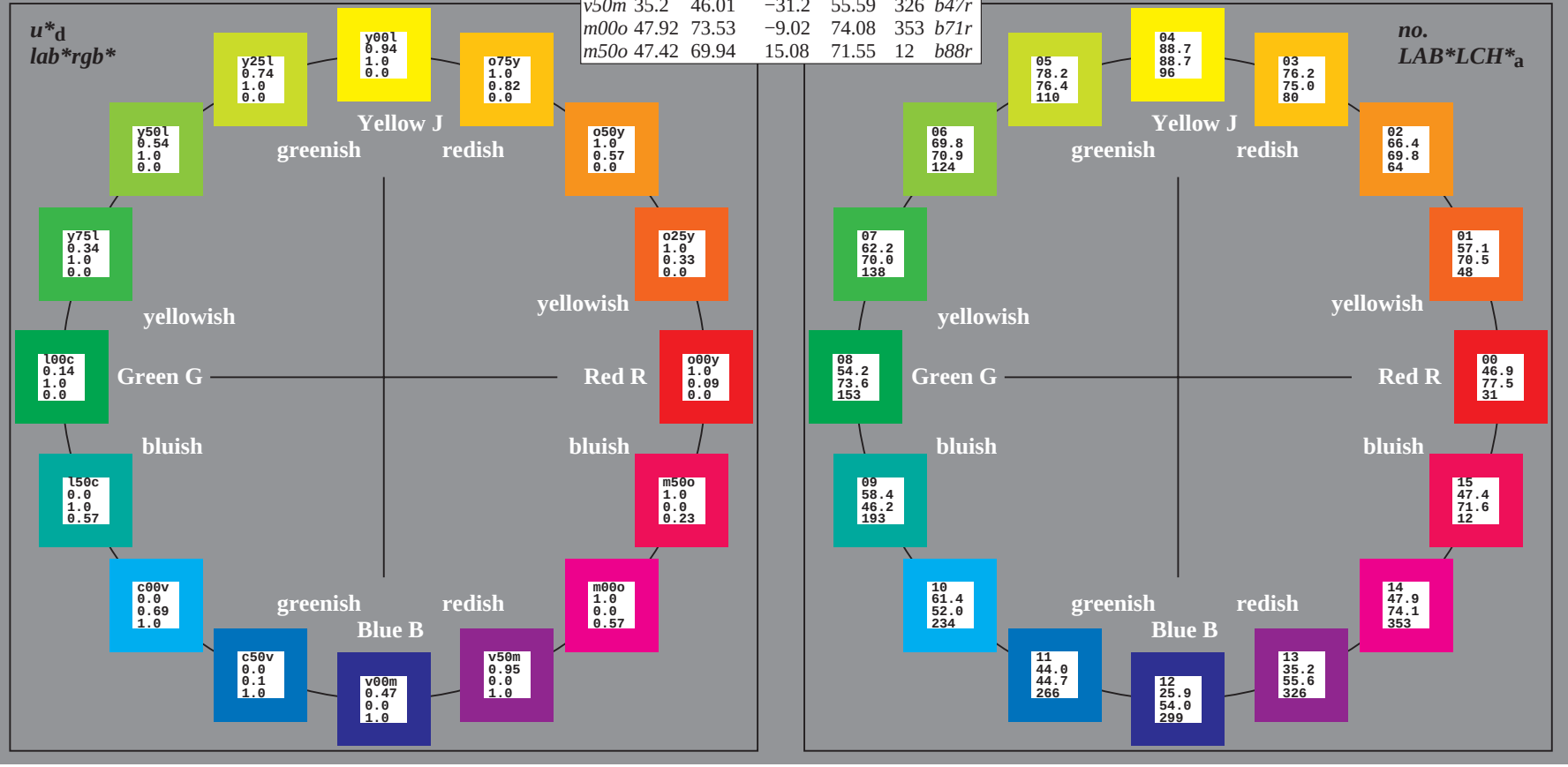
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*



%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

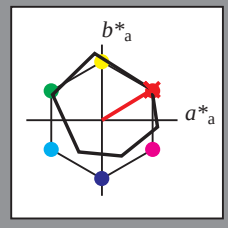
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	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_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.087**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r09j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

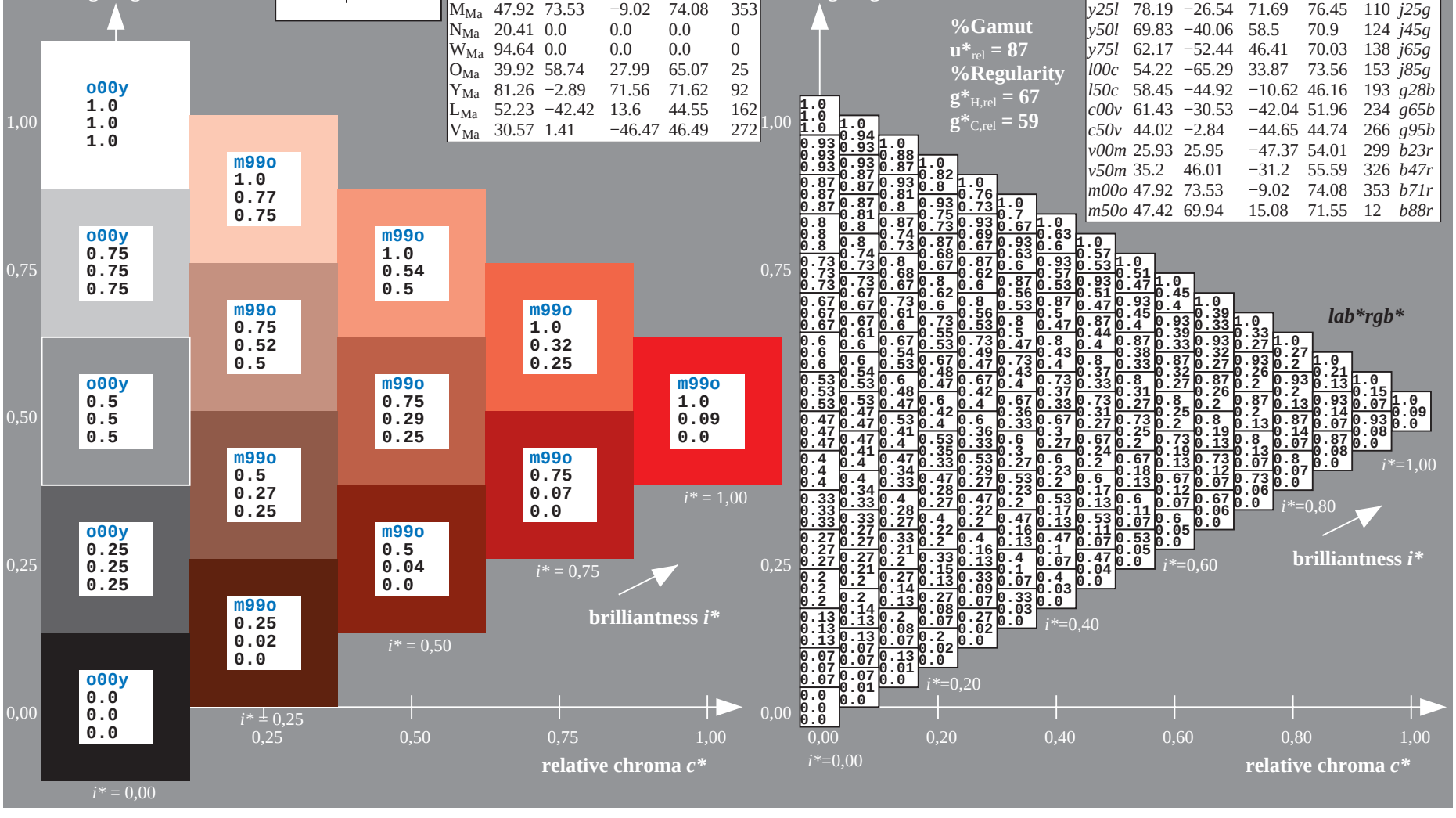
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 47 66 40
*LAB*LCH**$_{Ma}$: 47 77 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

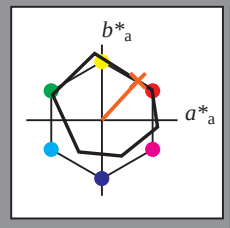
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.132**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
c_R = 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

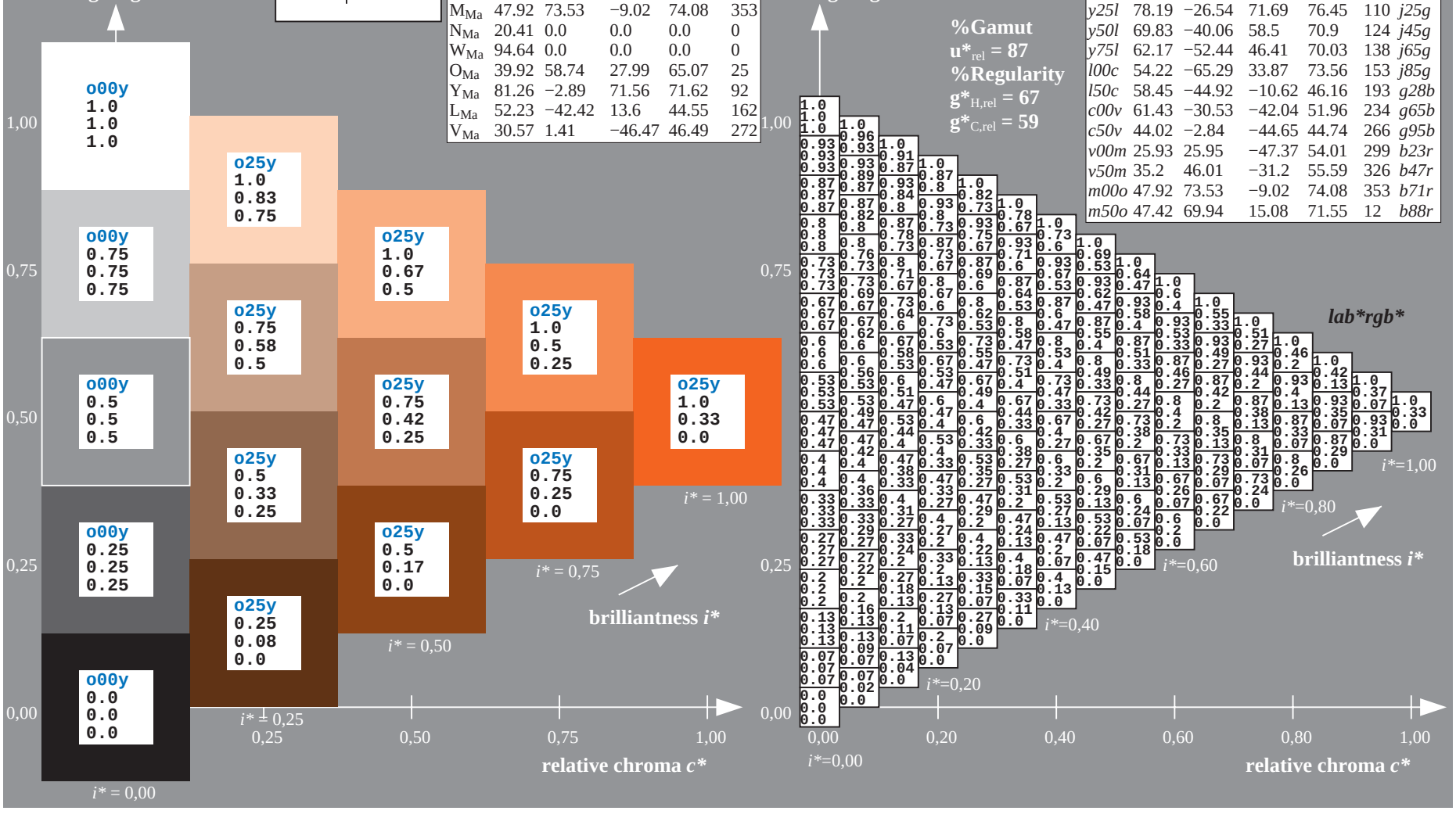
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 57 48 52
*LAB*LCH**$_{Ma}$: 57 71 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

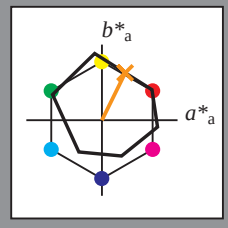
u^*_d = *o25y*
*lab*rgb**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.177**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

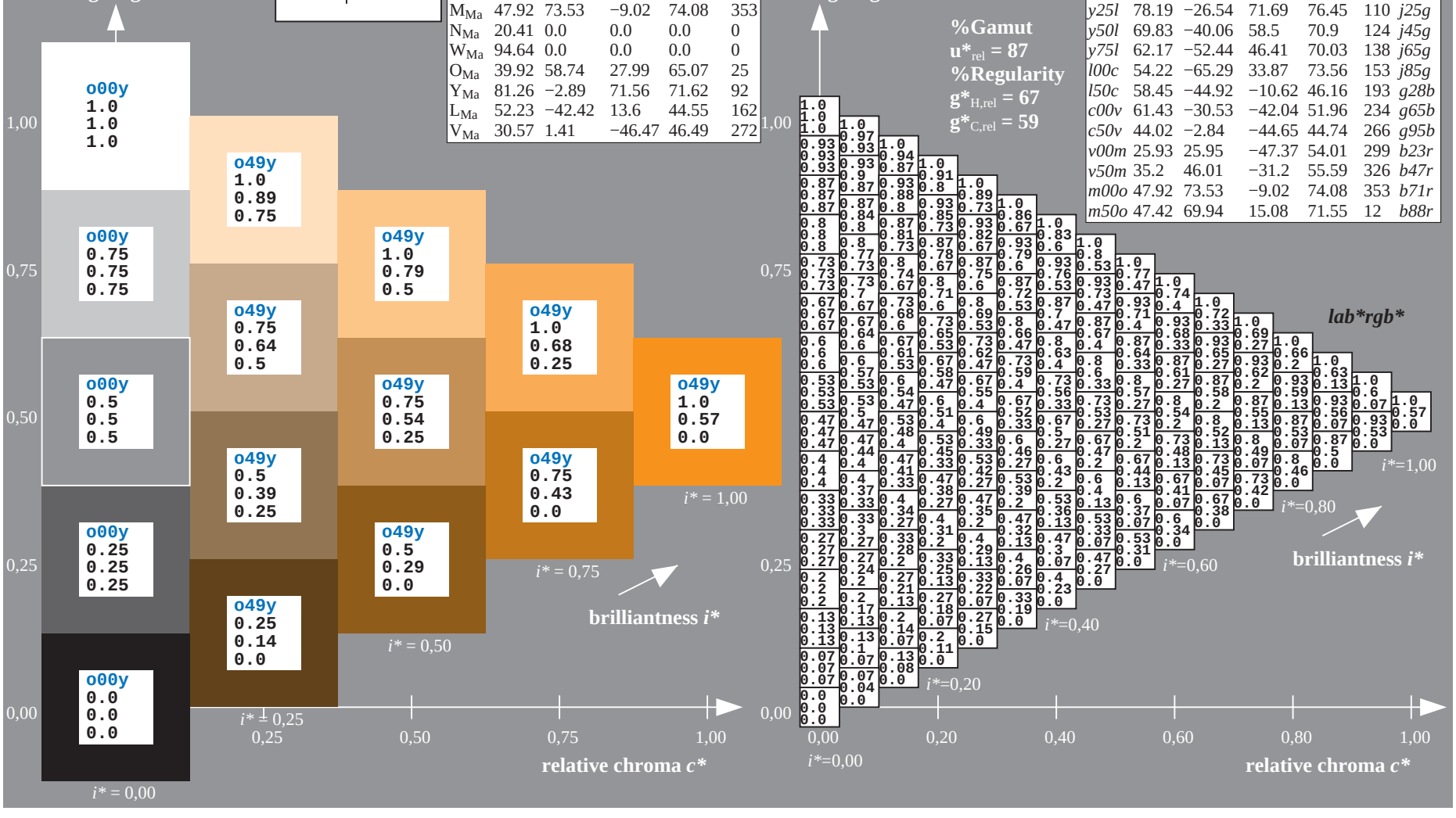
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 66 31 63
*LAB*LCH**$_{Ma}$: 66 70 63
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.57 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

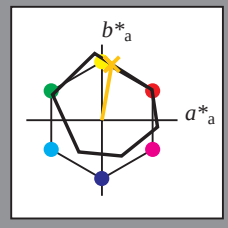
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.222$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

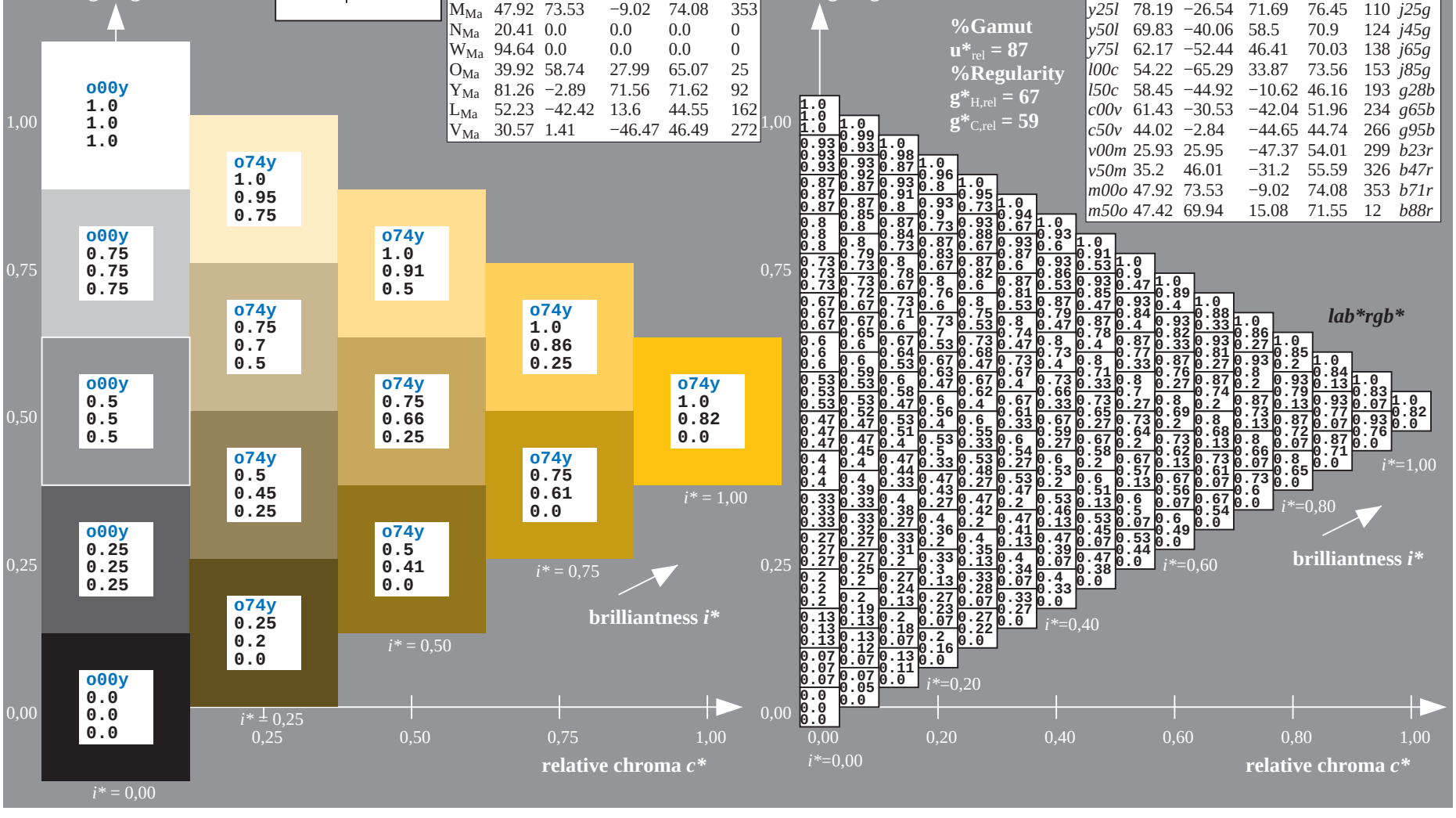
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 76 13 74
*LAB*LCH**$_{Ma}$: 76 75 79
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

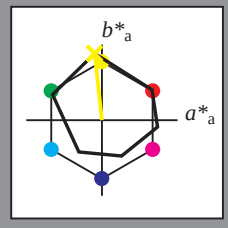
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*

%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.267**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

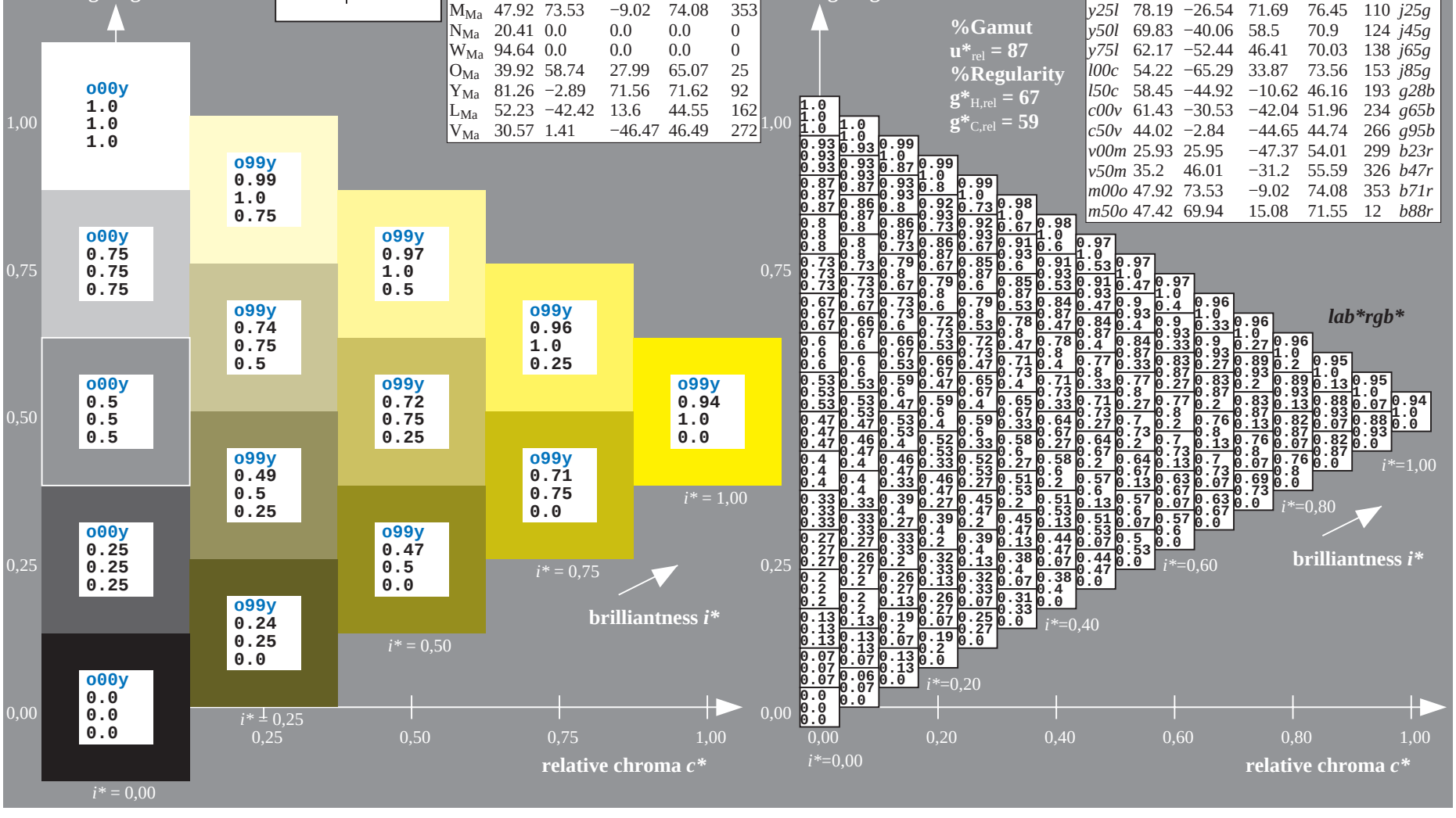
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 89 −10 88
*LAB*LCH**$_{Ma}$: 89 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

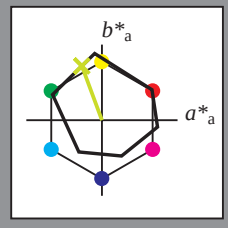
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.306**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

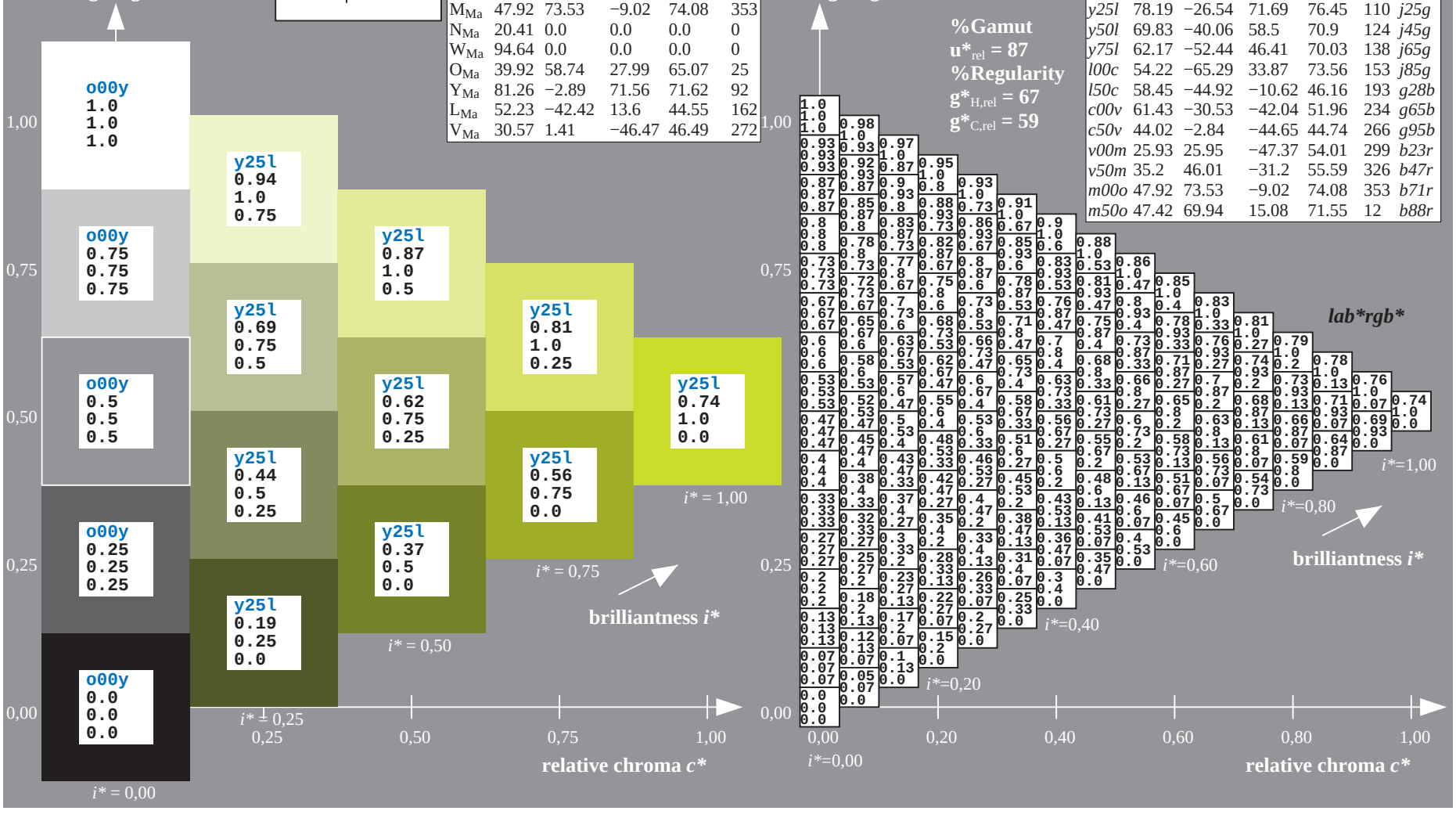
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 78 −27 72
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.74 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

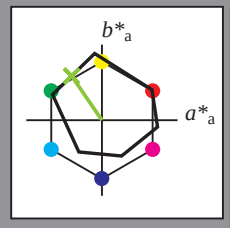
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.346$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j45g*
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

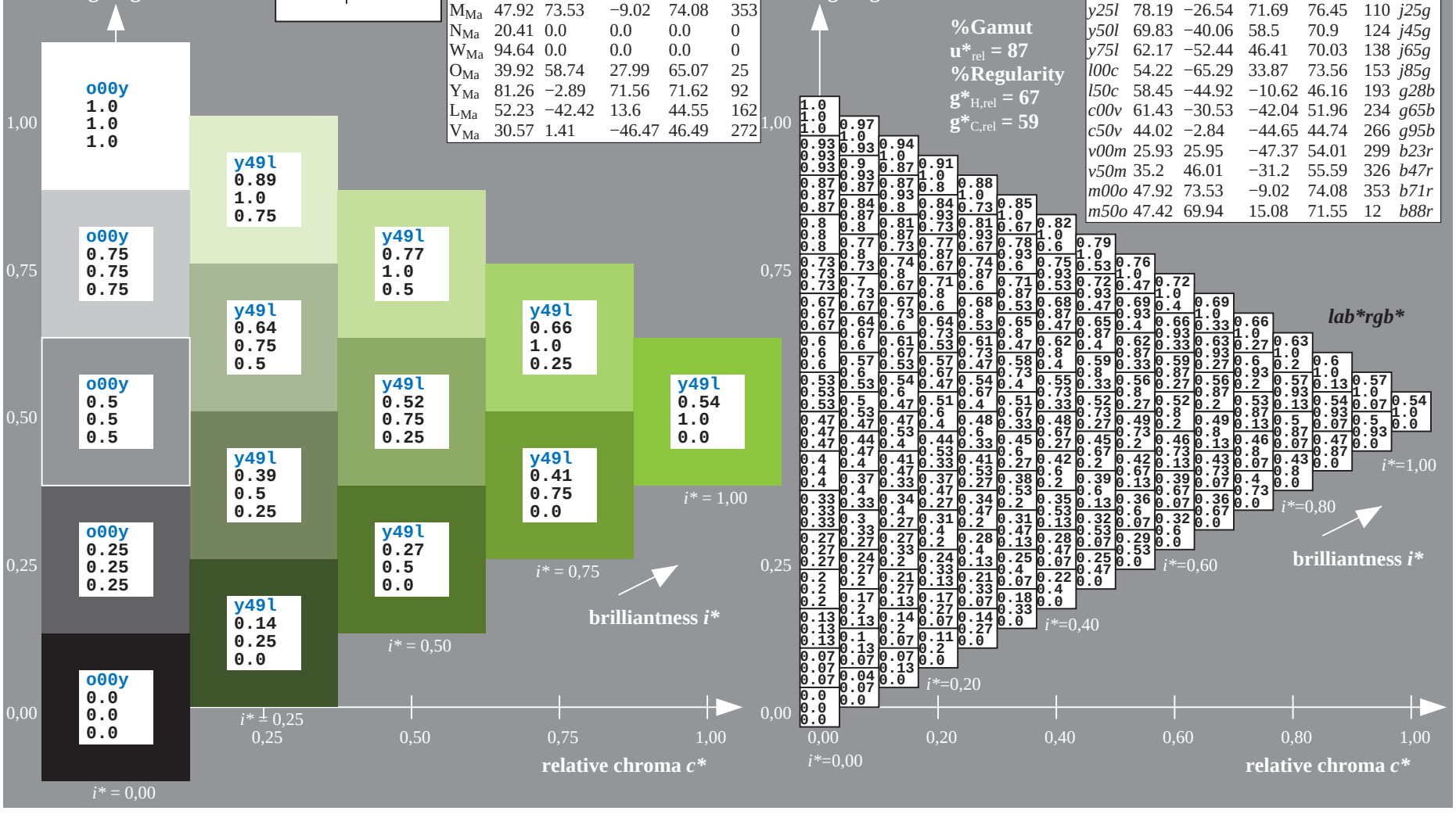
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 70 −40 58
*LAB*LCH**$_{Ma}$: 70 71 124
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.54 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

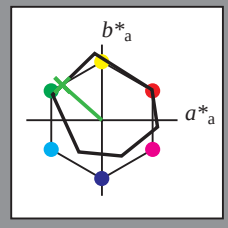
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.385**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j65g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

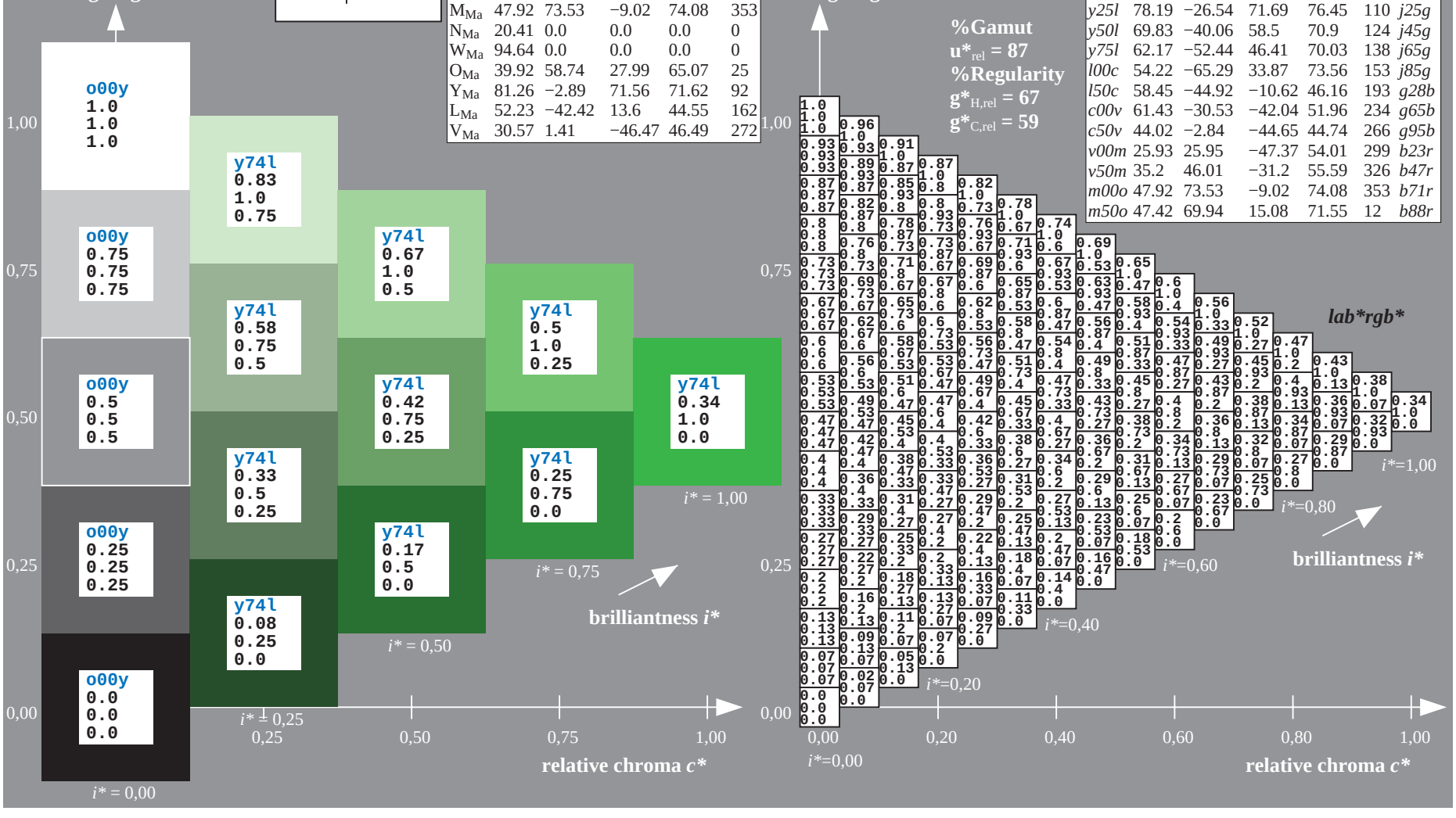
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 62 −52 46
*LAB*LCH**$_{Ma}$: 62 70 138
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.34 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

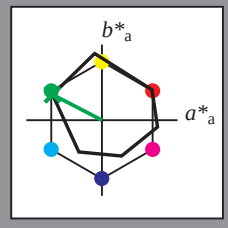
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.424**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j85g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

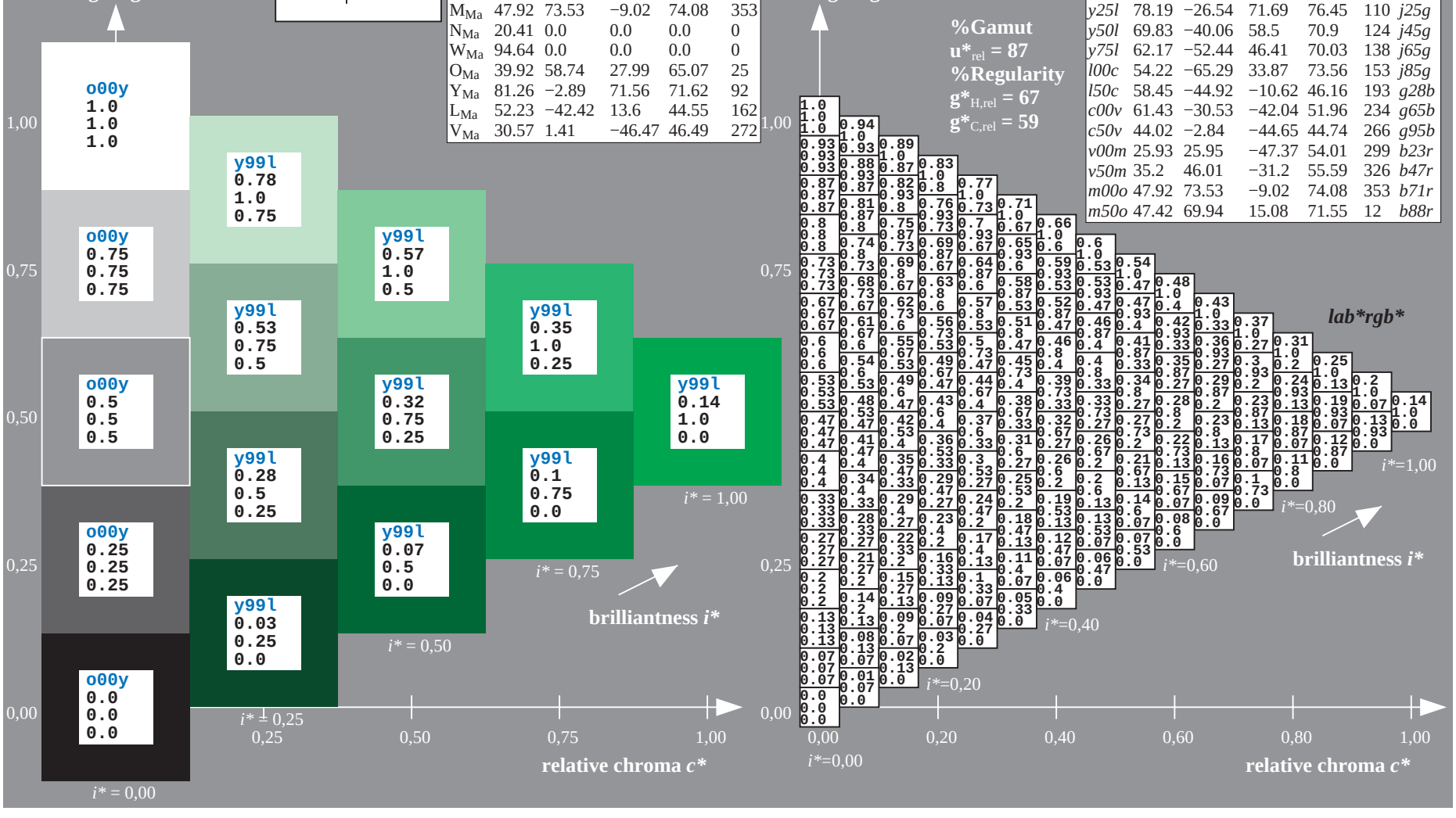
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 54 −65 34
*LAB*LCH**$_{Ma}$: 54 74 152
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.14 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

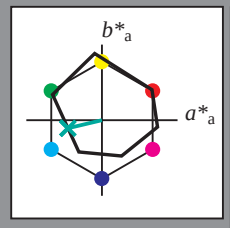
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.537$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



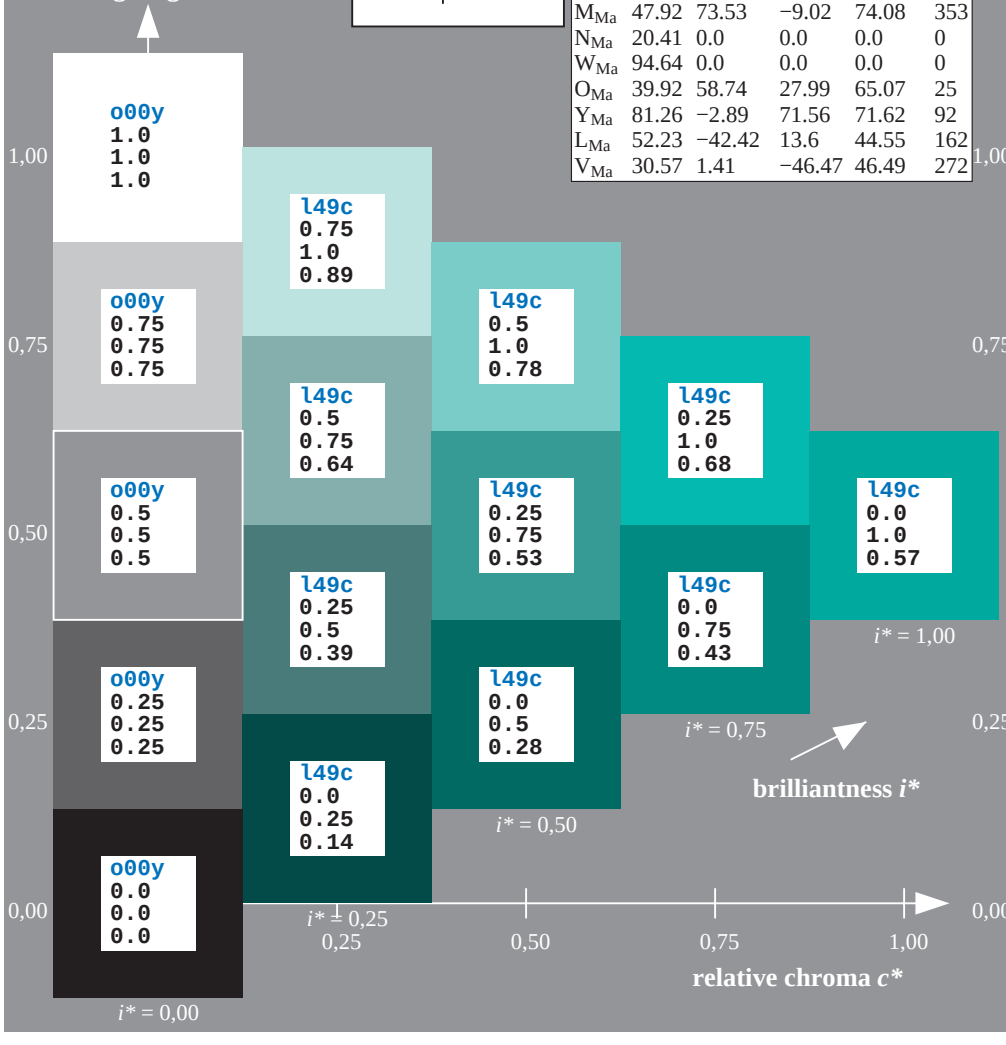
ORS20_95a; adapted (a) CIELAB data

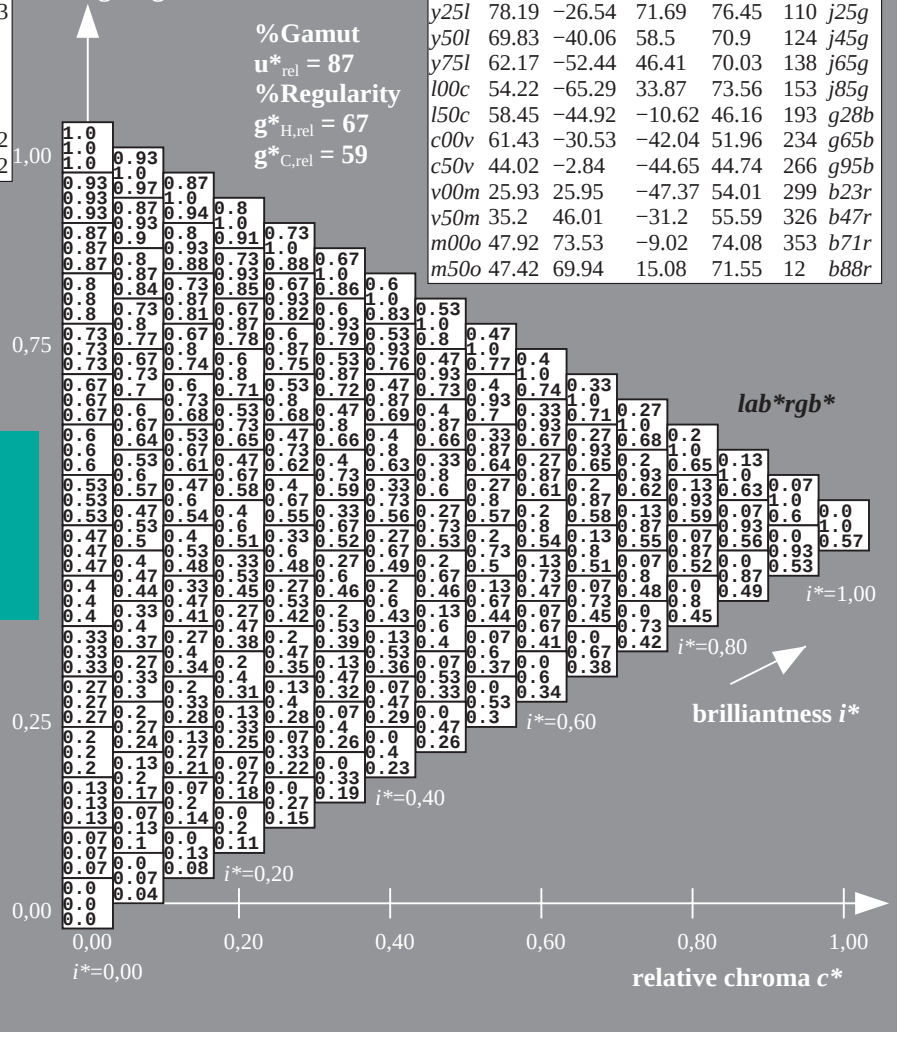
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 58 −45 −11
*LAB*LCH**$_{Ma}$: 58 46 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

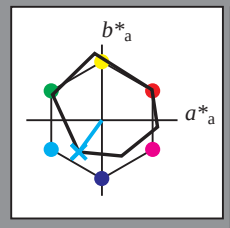
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.65$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g65b$
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

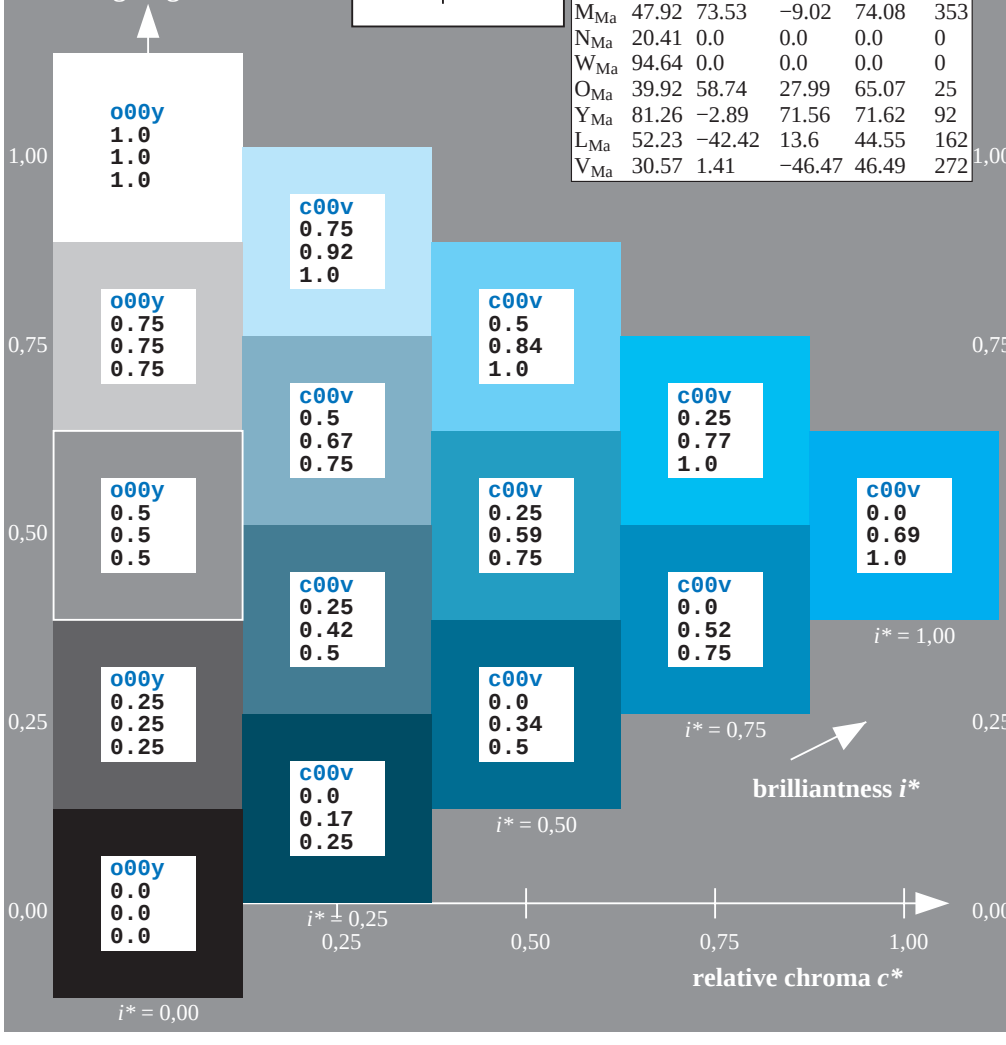
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −31 −42
$LAB^*LCH^*_{Ma}$: 61 52 234
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.69 1.0
triangle lightness *t**

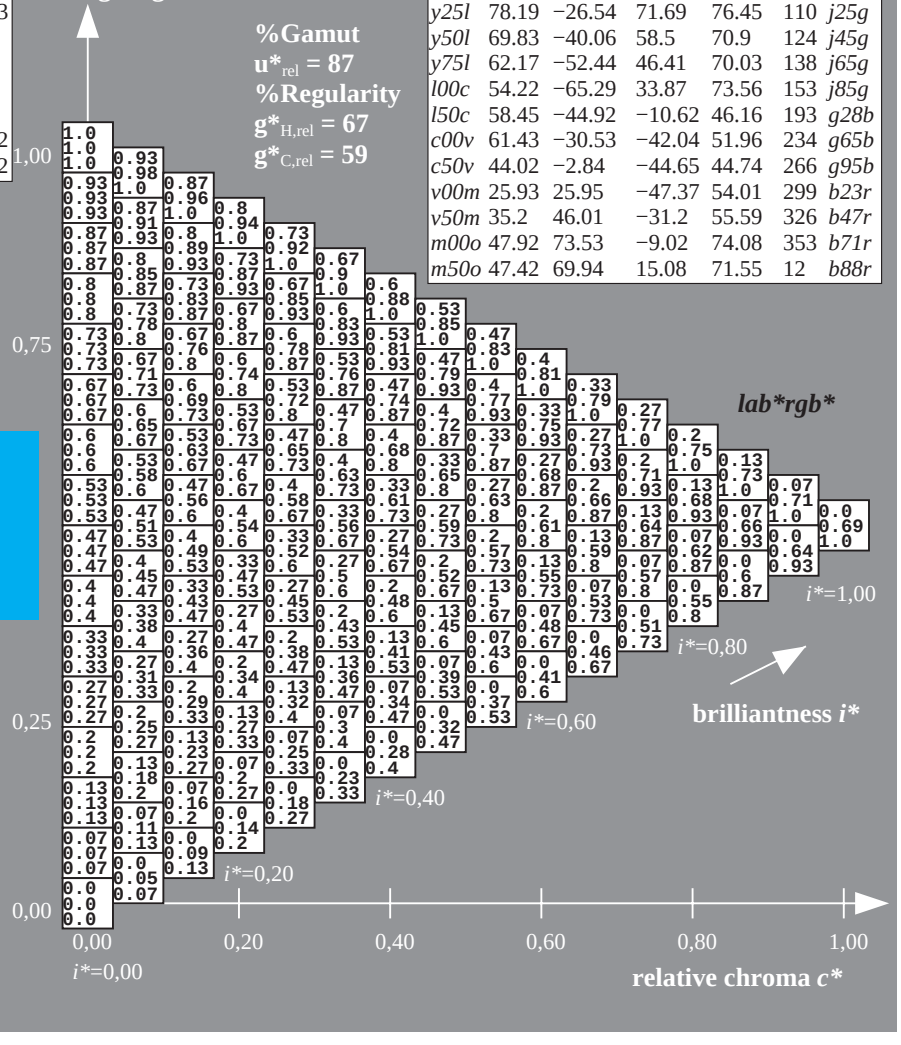
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

ORS20_95a; adapted (a) CIELAB data

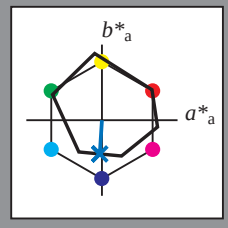
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.74**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g95b*
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

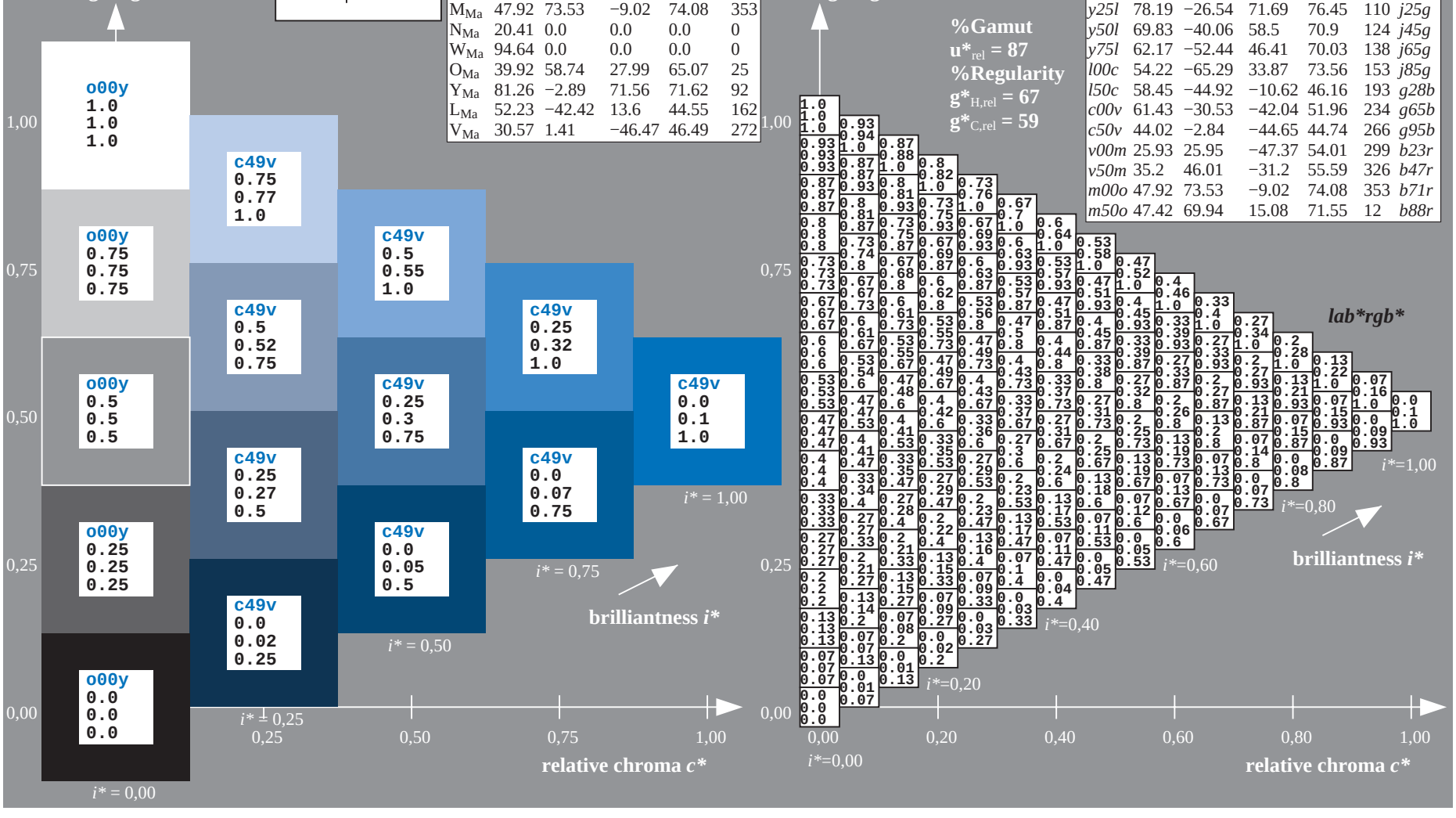
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 44 −3 −45
*LAB*LCH**$_{Ma}$: 44 45 266
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.1 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *c50v*
*lab*rgb**

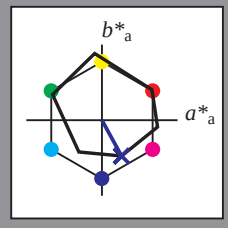
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a 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

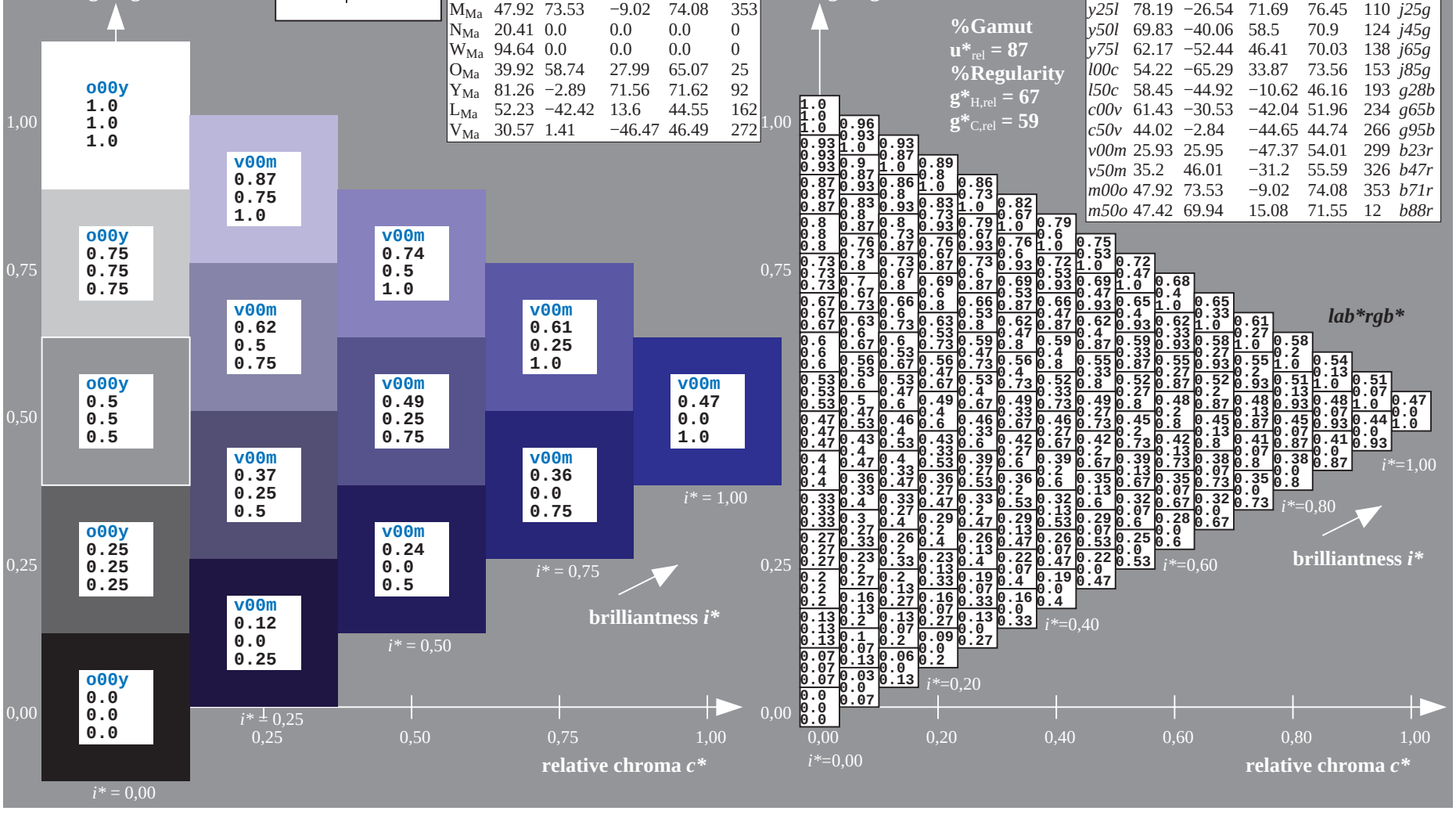
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 26 26 −47
*LAB*LCH**$_{Ma}$: 26 54 298
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.47 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

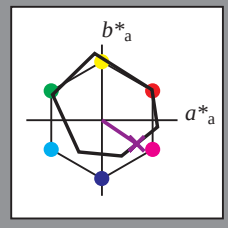
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.905$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

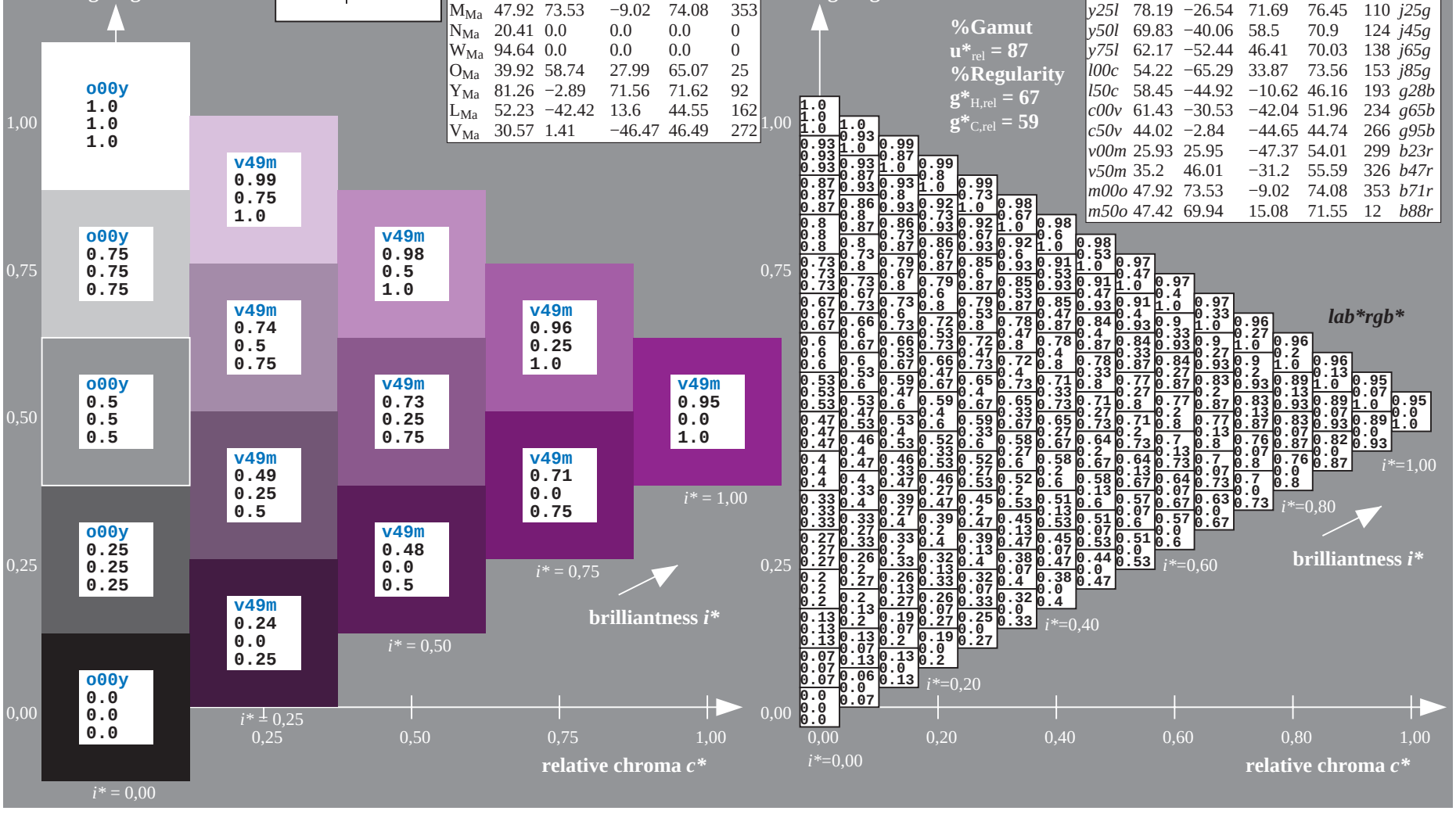
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 35 46 −31
*LAB*LCH**$_{Ma}$: 35 56 325
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.95 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

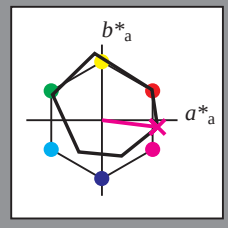
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.981$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
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

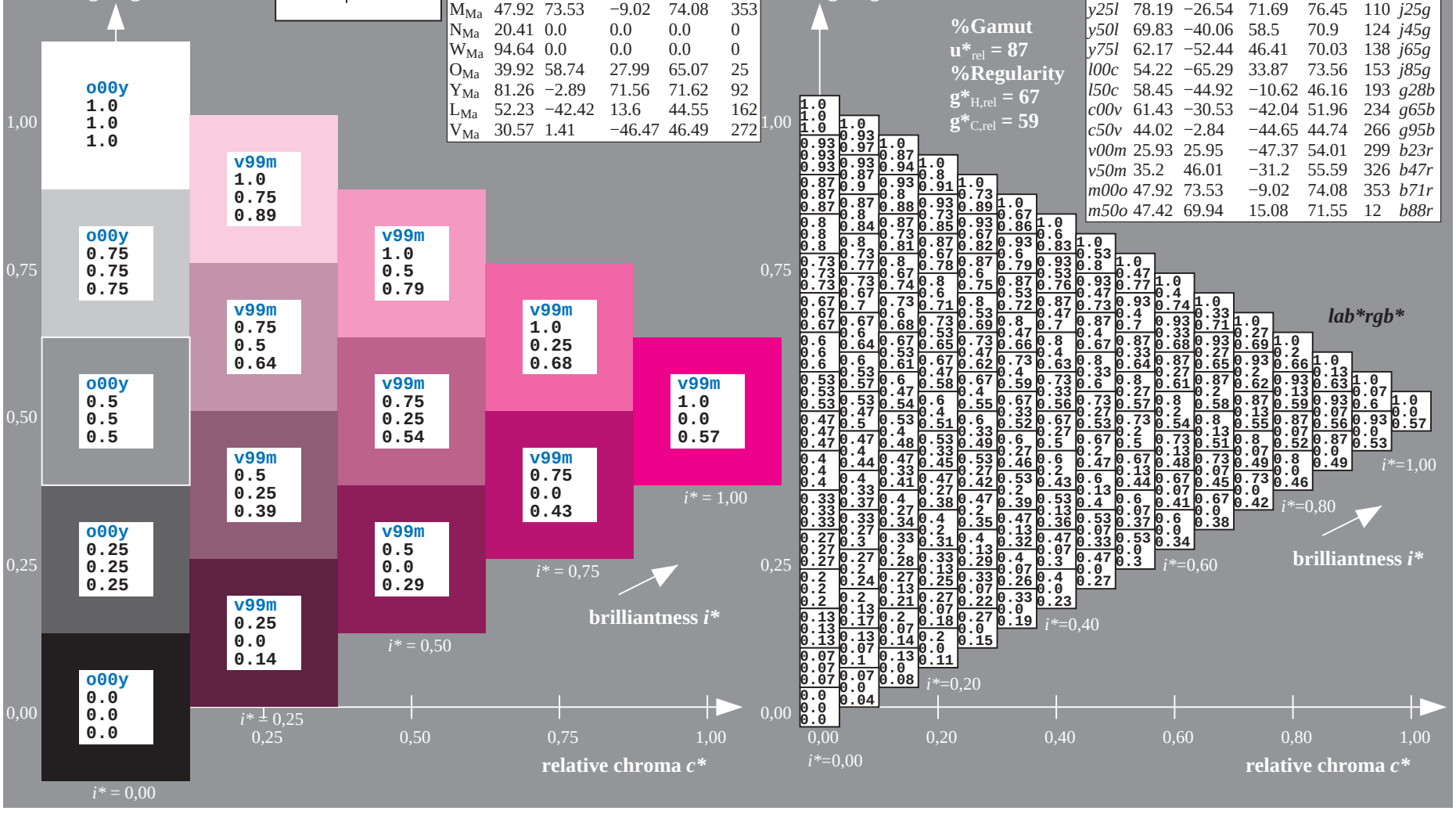
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 48 74 −9
*LAB*LCH**$_{Ma}$: 48 74 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.57
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

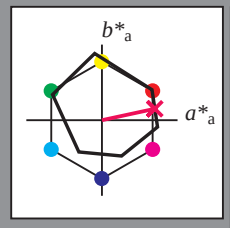
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.034**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



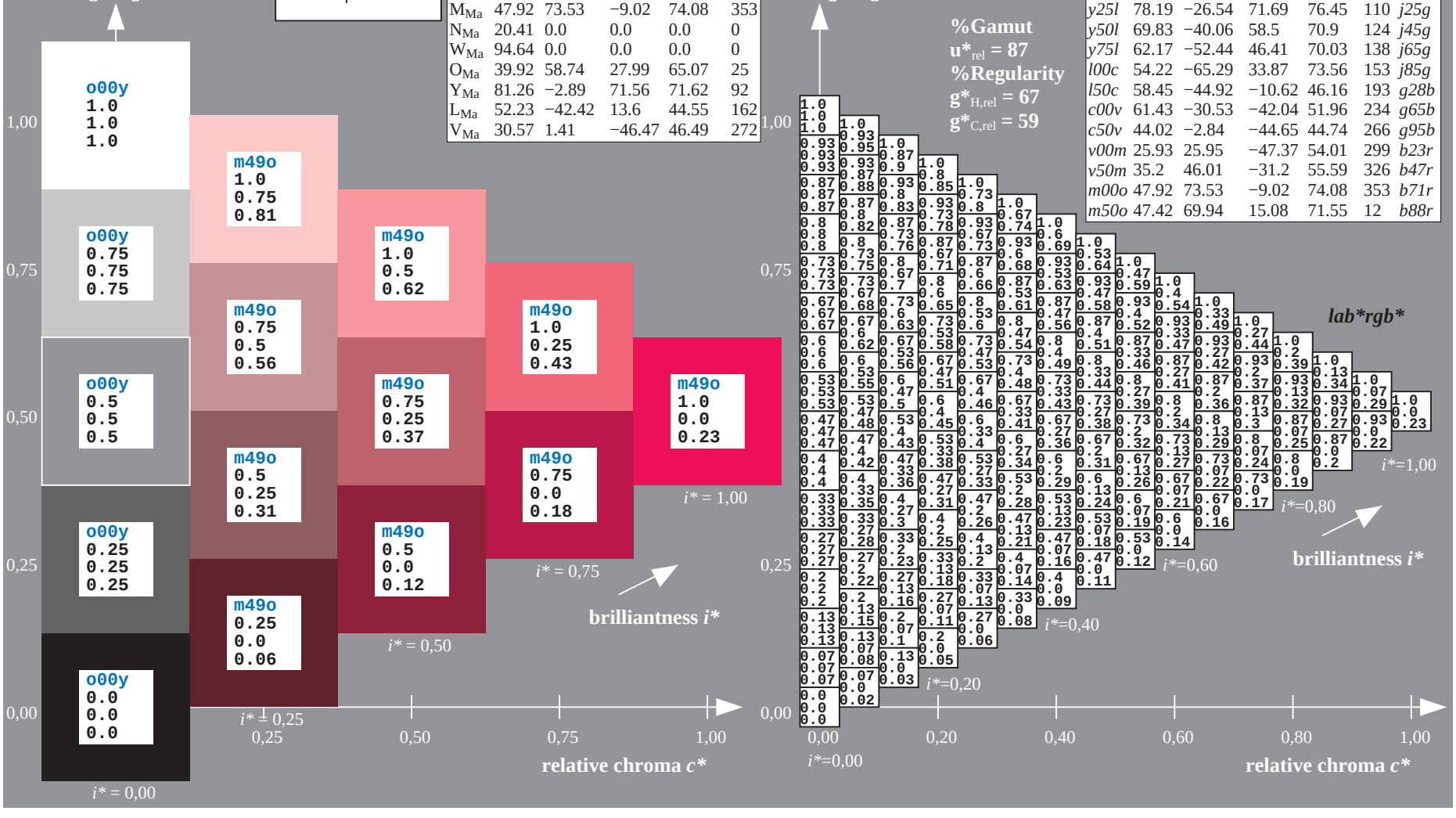
ORS20_95a; adapted (a) CIELAB data

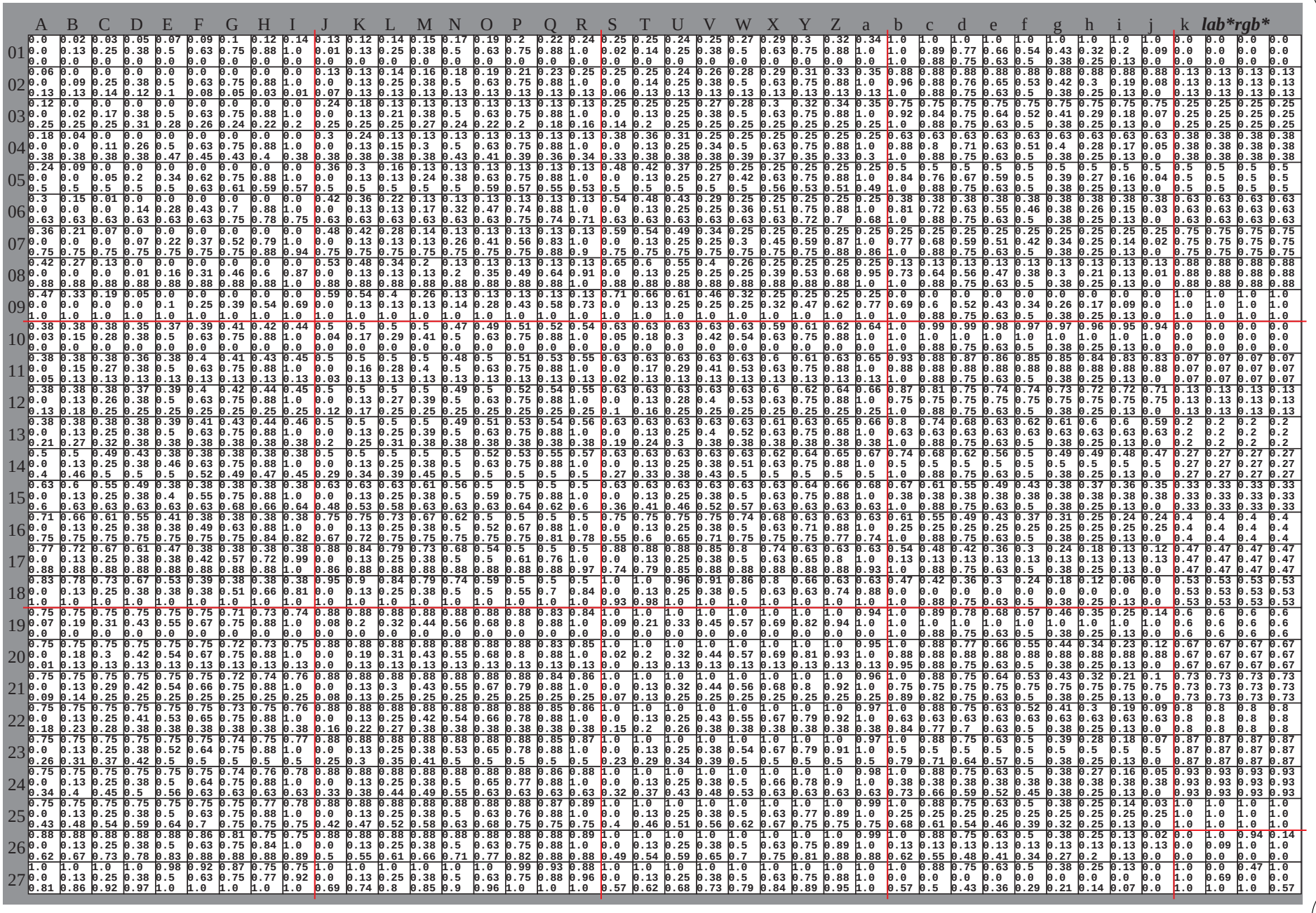
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 47 70 15
*LAB*LCH**$_{Ma}$: 47 72 12
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.23
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
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*

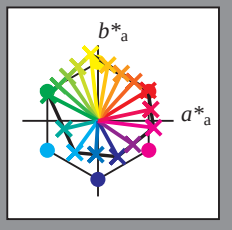




Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

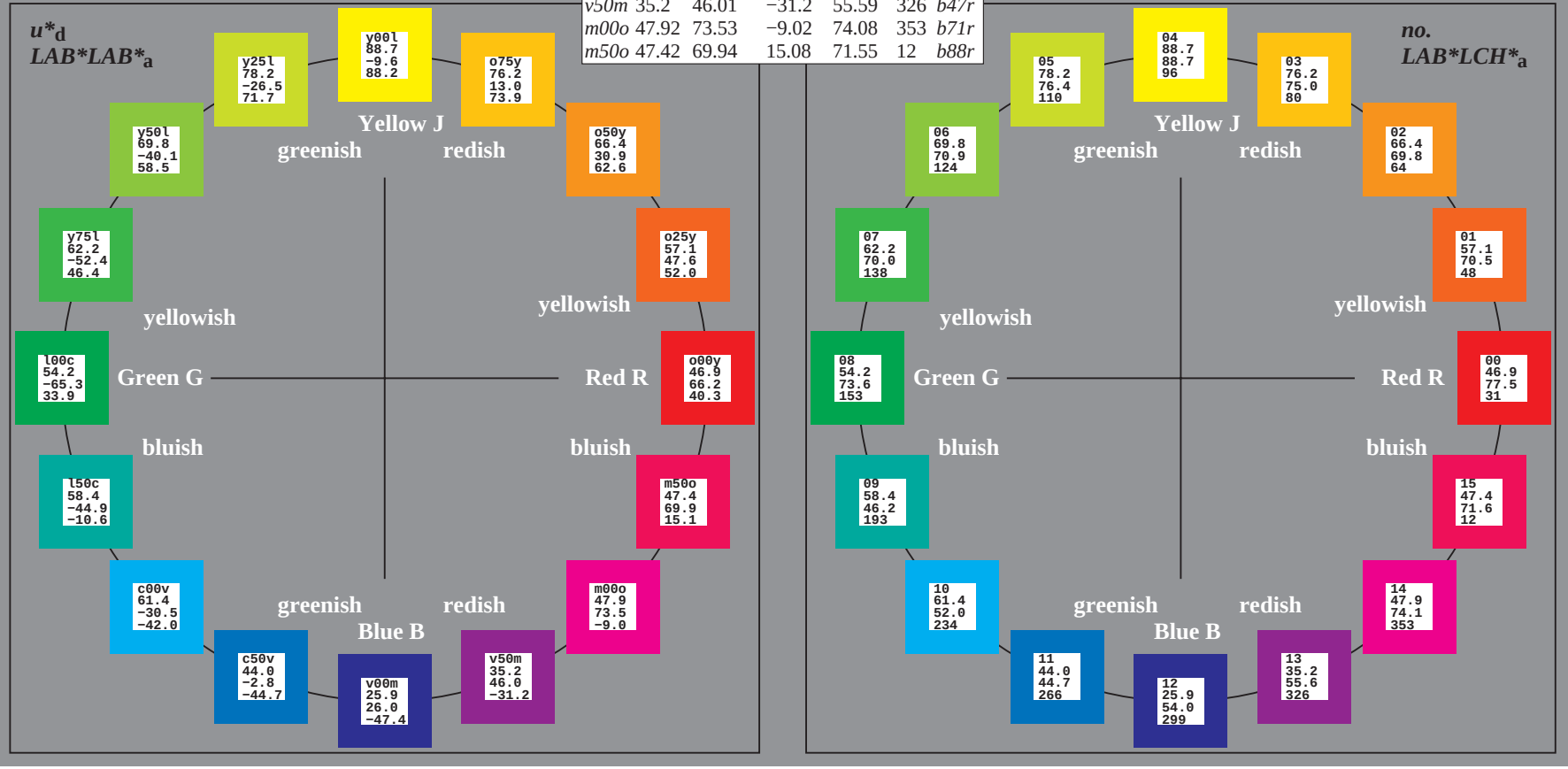
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*



%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

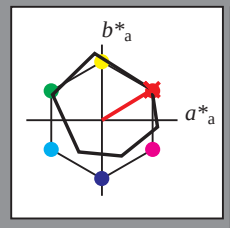
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	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_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.087**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r09j*
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

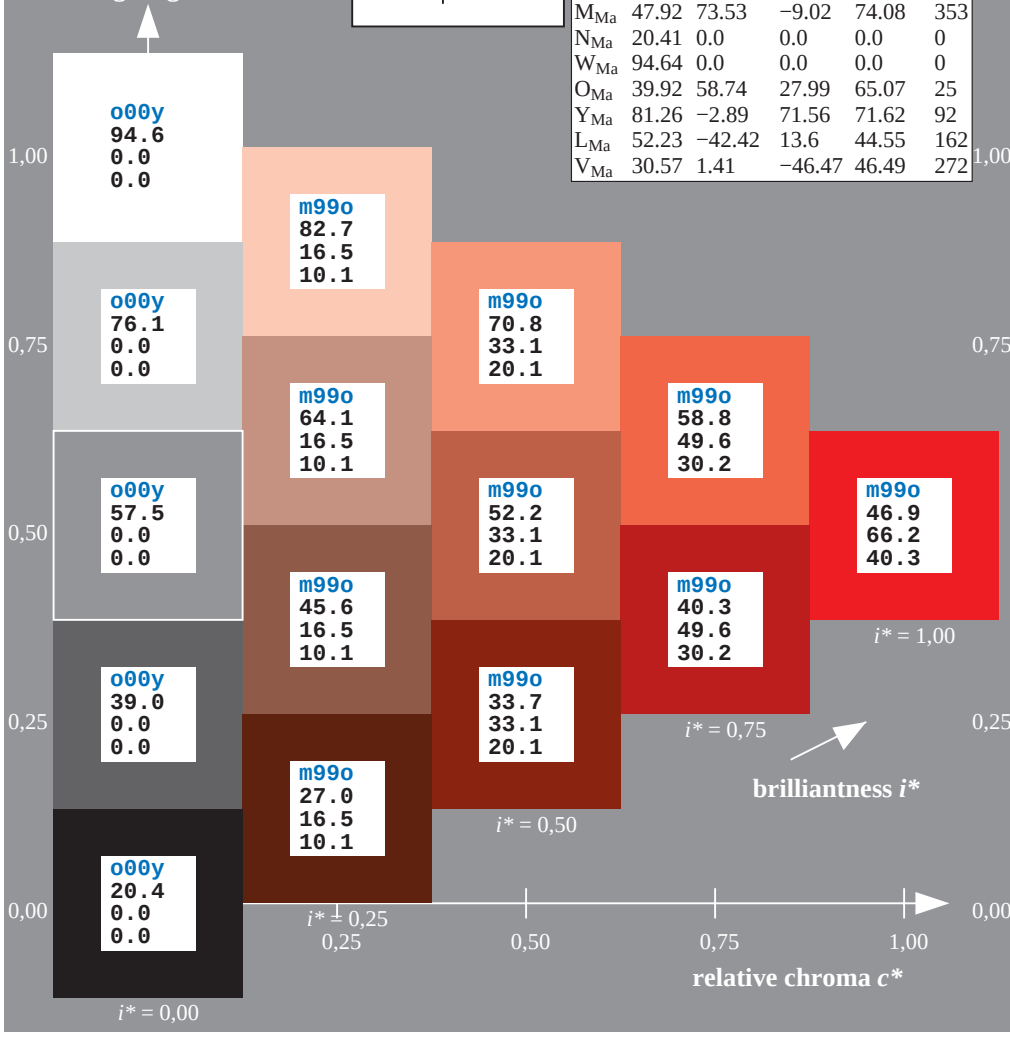
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 47 66 40
*LAB*LCH**$_{Ma}$: 47 77 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

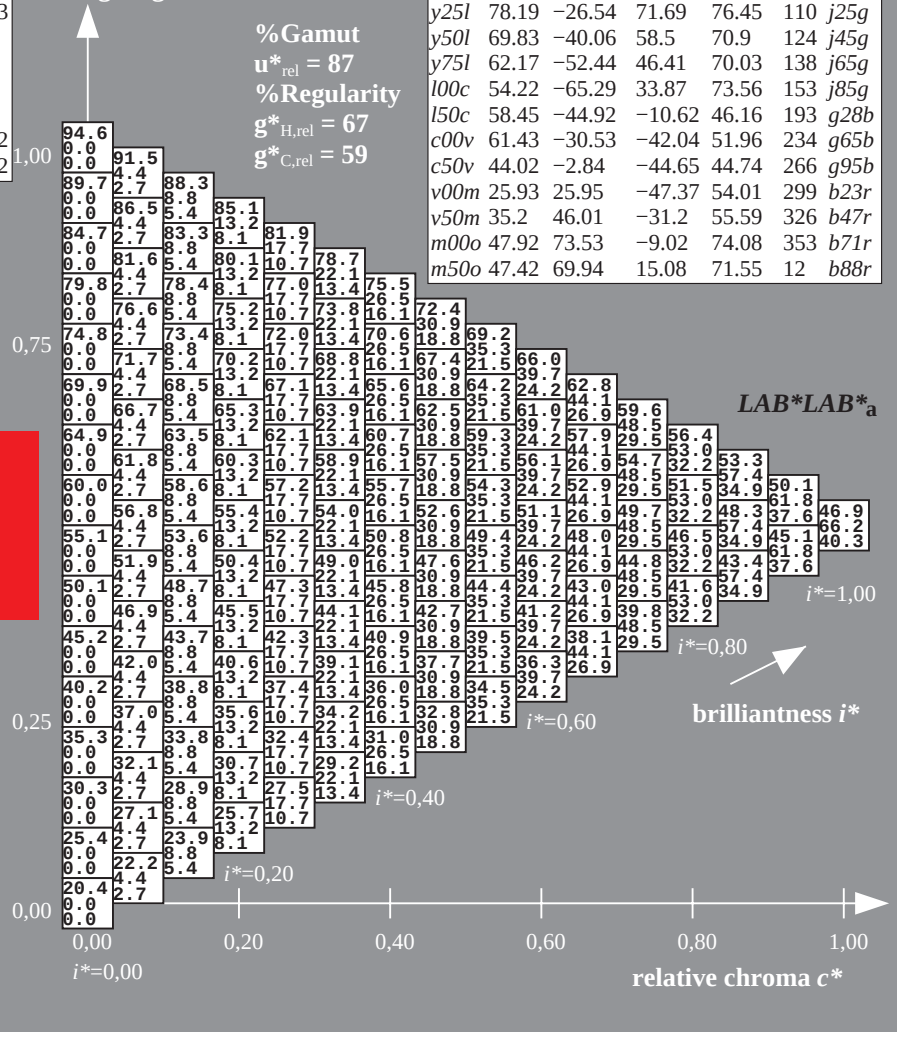
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *o00y*
LAB*LAB*a

ORS20_95a; adapted (a) CIELAB data

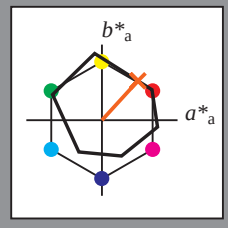
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o25y$ $u^*_e = r33j$
contrast reduction factor:
$c_R = 1.0$
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

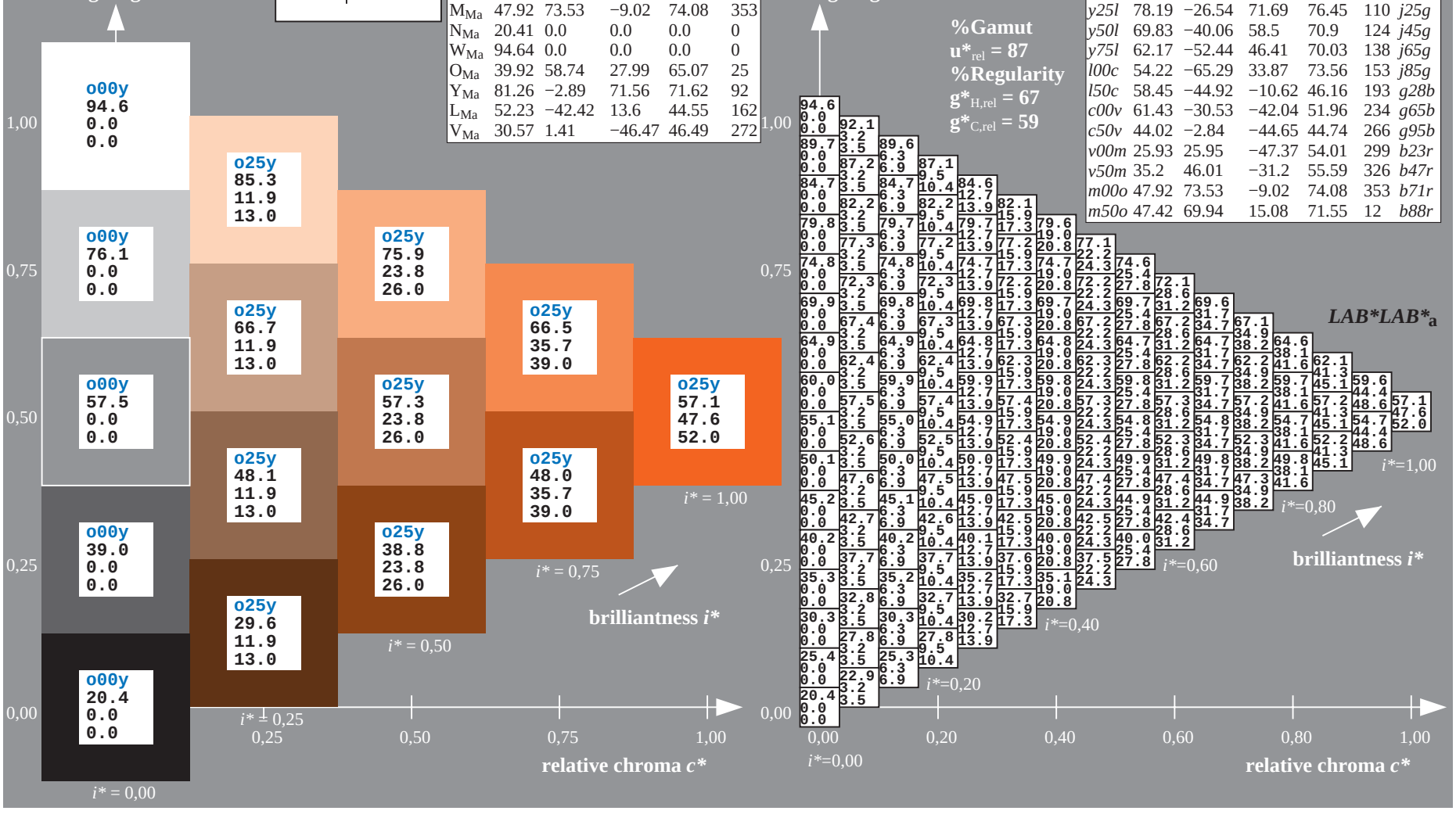
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 48 52
$LAB^*LCH^*_{Ma}$: 57 71 47
$lab^*olv^*_{Ma}$: 1.0 0.25 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$

$u^*_d = o25y$
$LAB^*LAB^*_a$

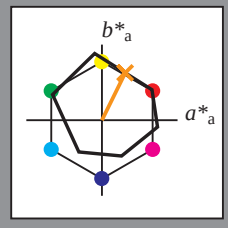
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.177**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



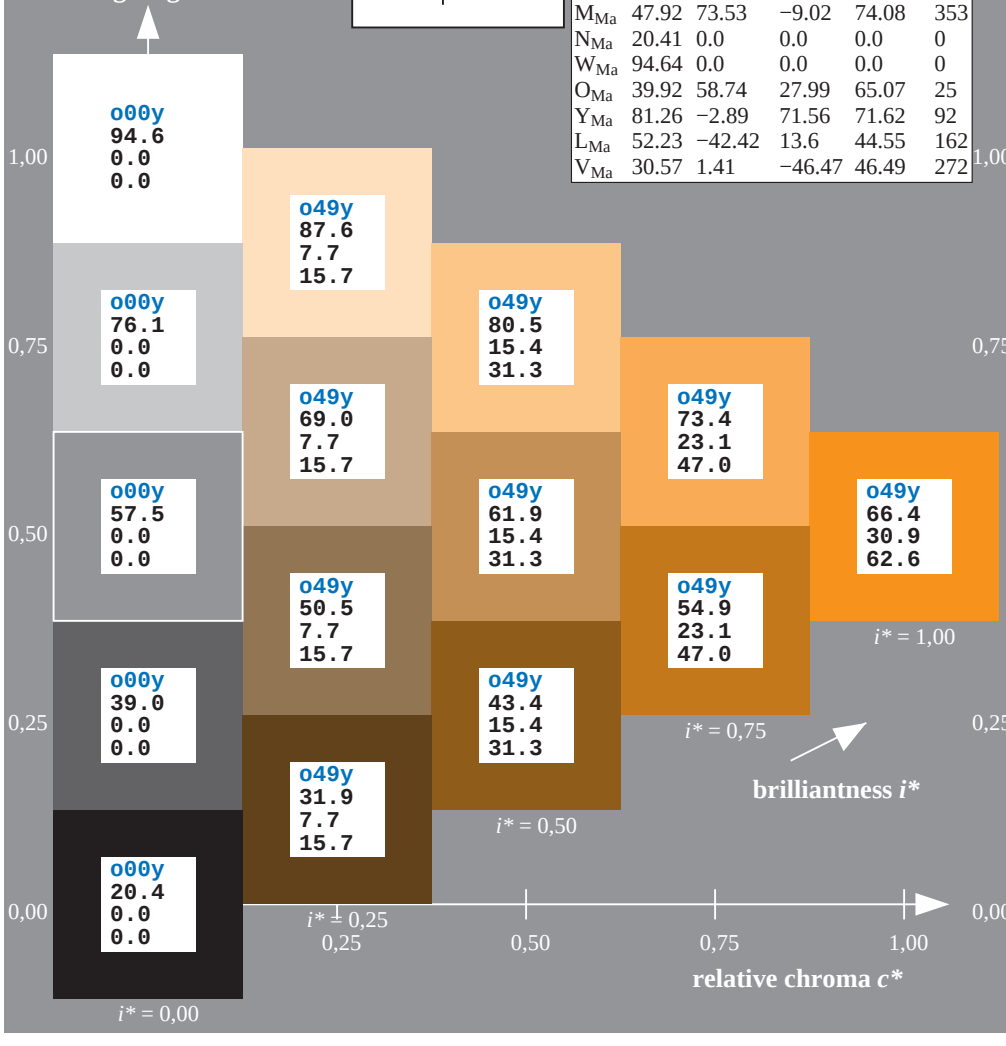
ORS20_95a; adapted (a) CIELAB data

	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**$_{Ma}$: 66 31 63
*LAB*LCH**$_{Ma}$: 66 70 63
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.57 0.0
triangle lightness *t**

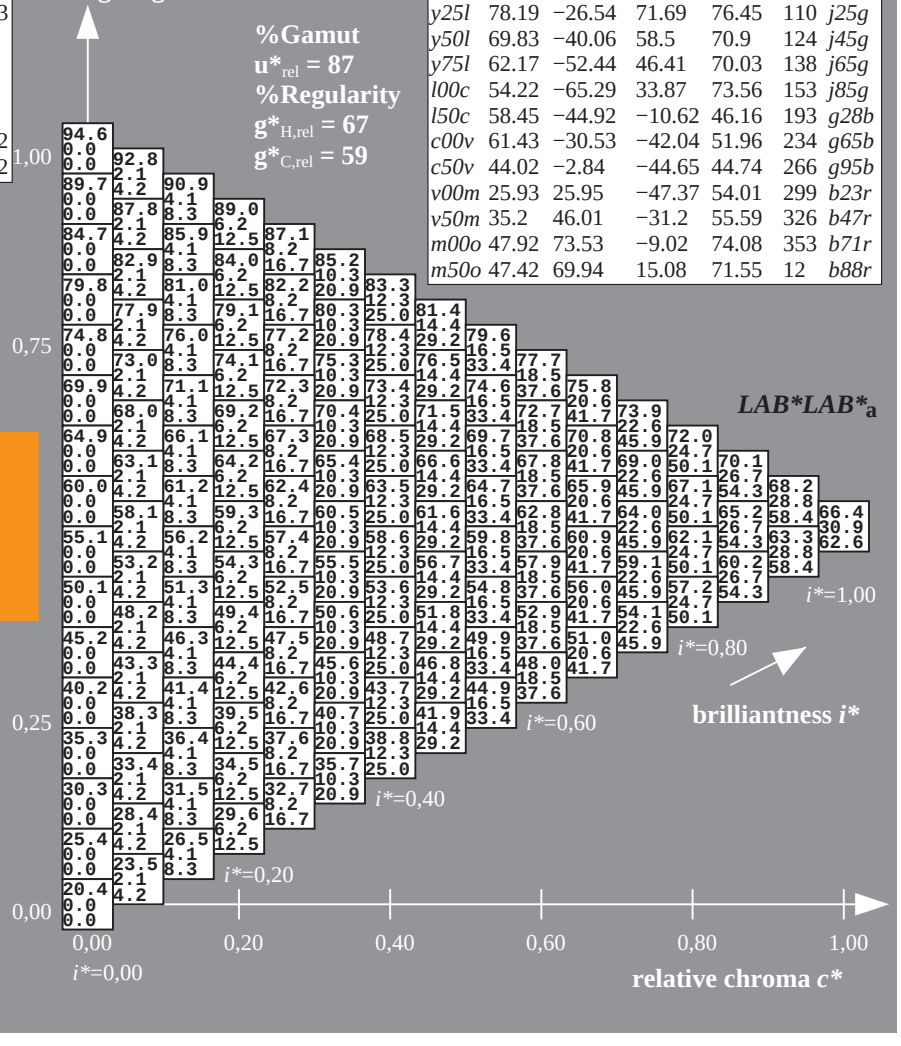
ORS20_95a; adapted (a) CIELAB data

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



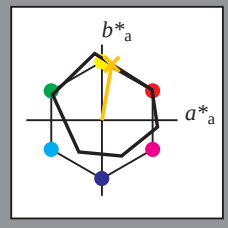
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u*d* = *o50y
LAB*LAB*a



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.222**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



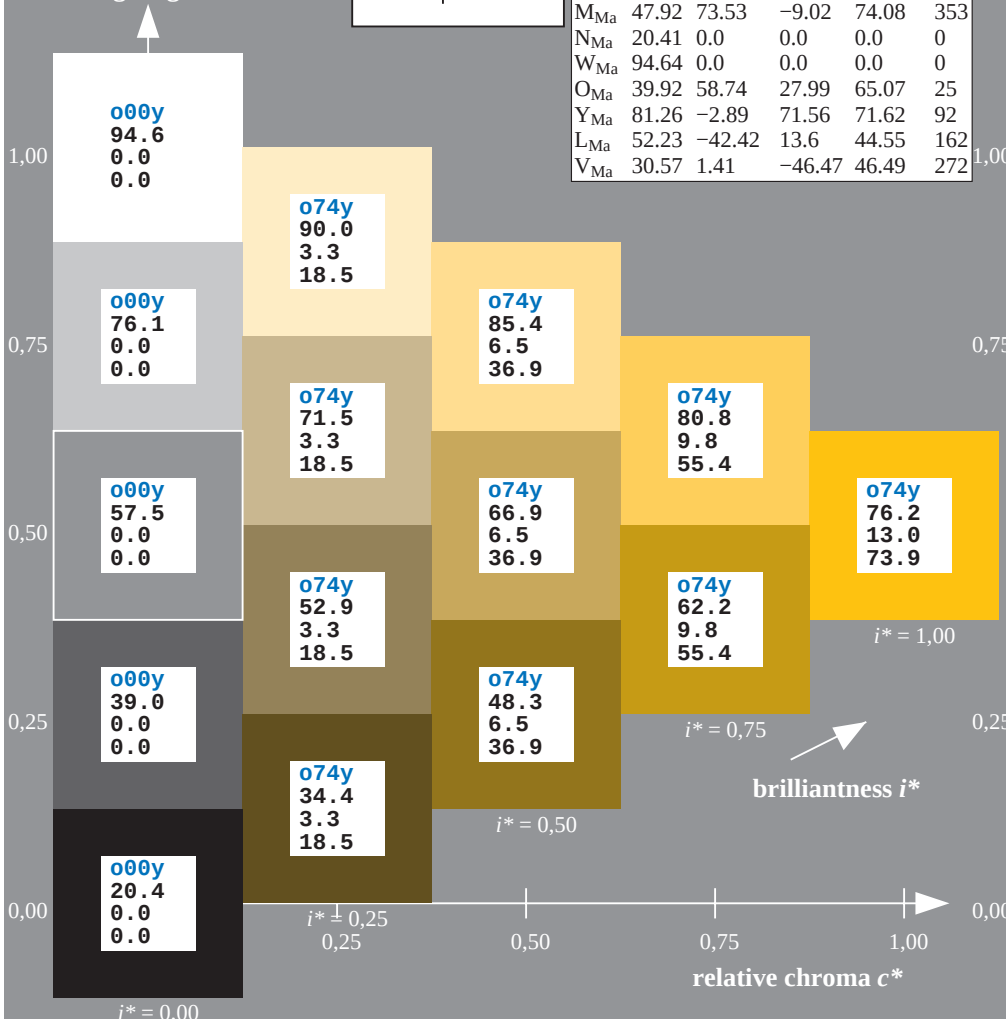
ORS20_95a; adapted (a) CIELAB data

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

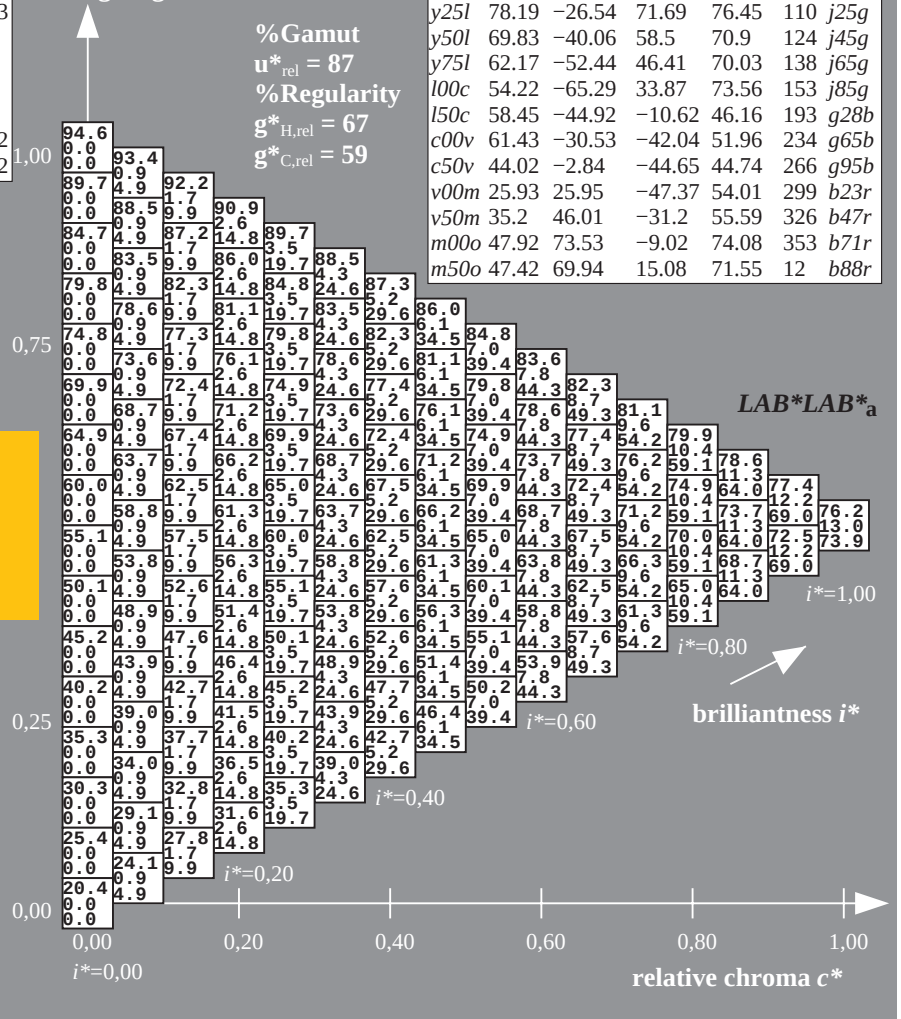
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 76 13 74
*LAB*LCH**$_{Ma}$: 76 75 79
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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



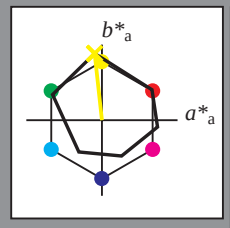
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



*u**$_d$ = *o75y*
*LAB*LAB*a*

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.267**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
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

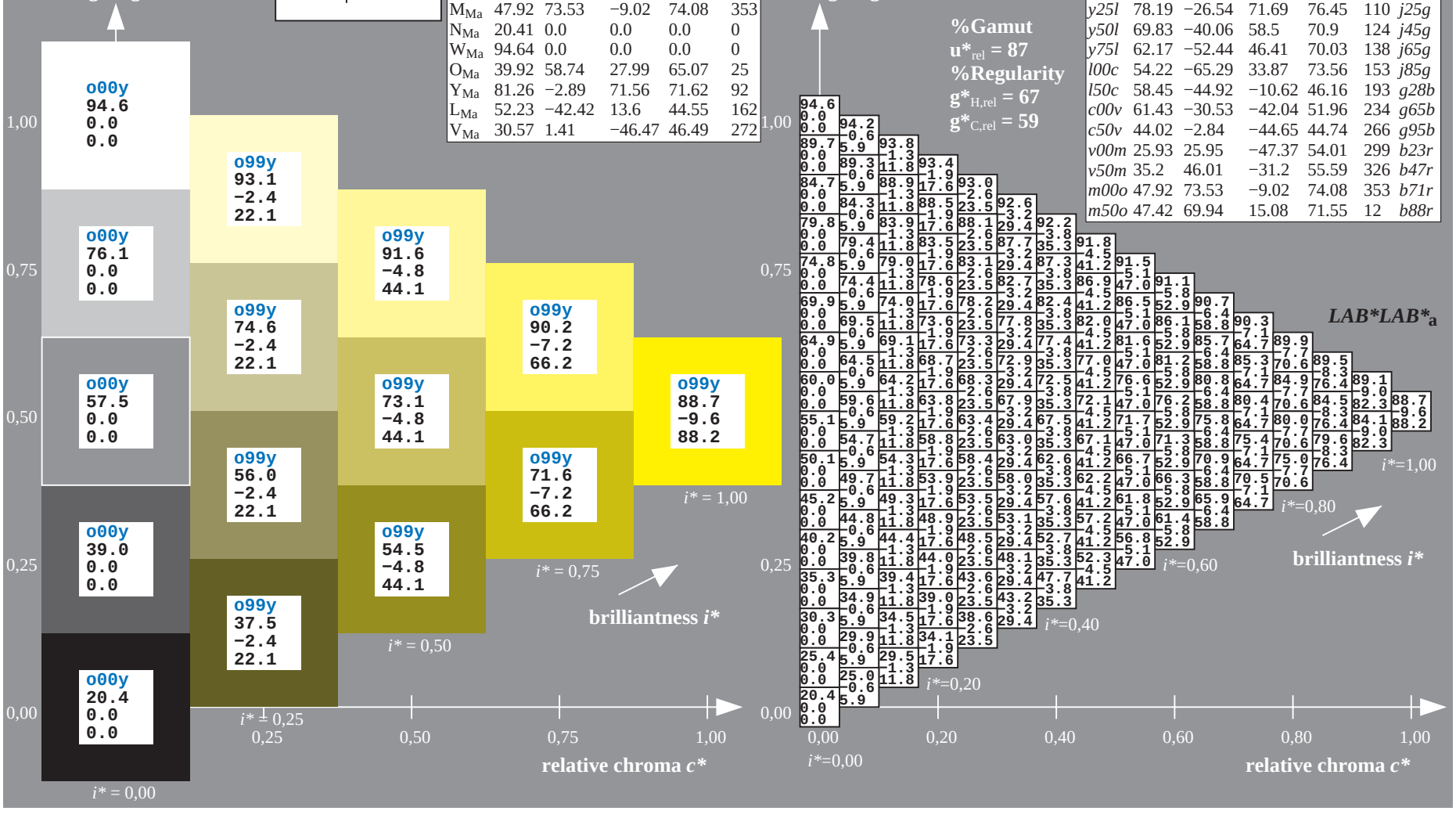
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 89 −10 88**
LAB*LCH*$_{Ma}$**: 89 89 96**
lab*olv*$_{Ma}$**: 1.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.94 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

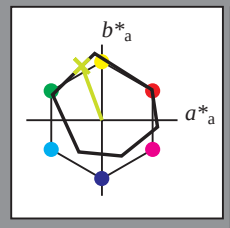
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.306**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

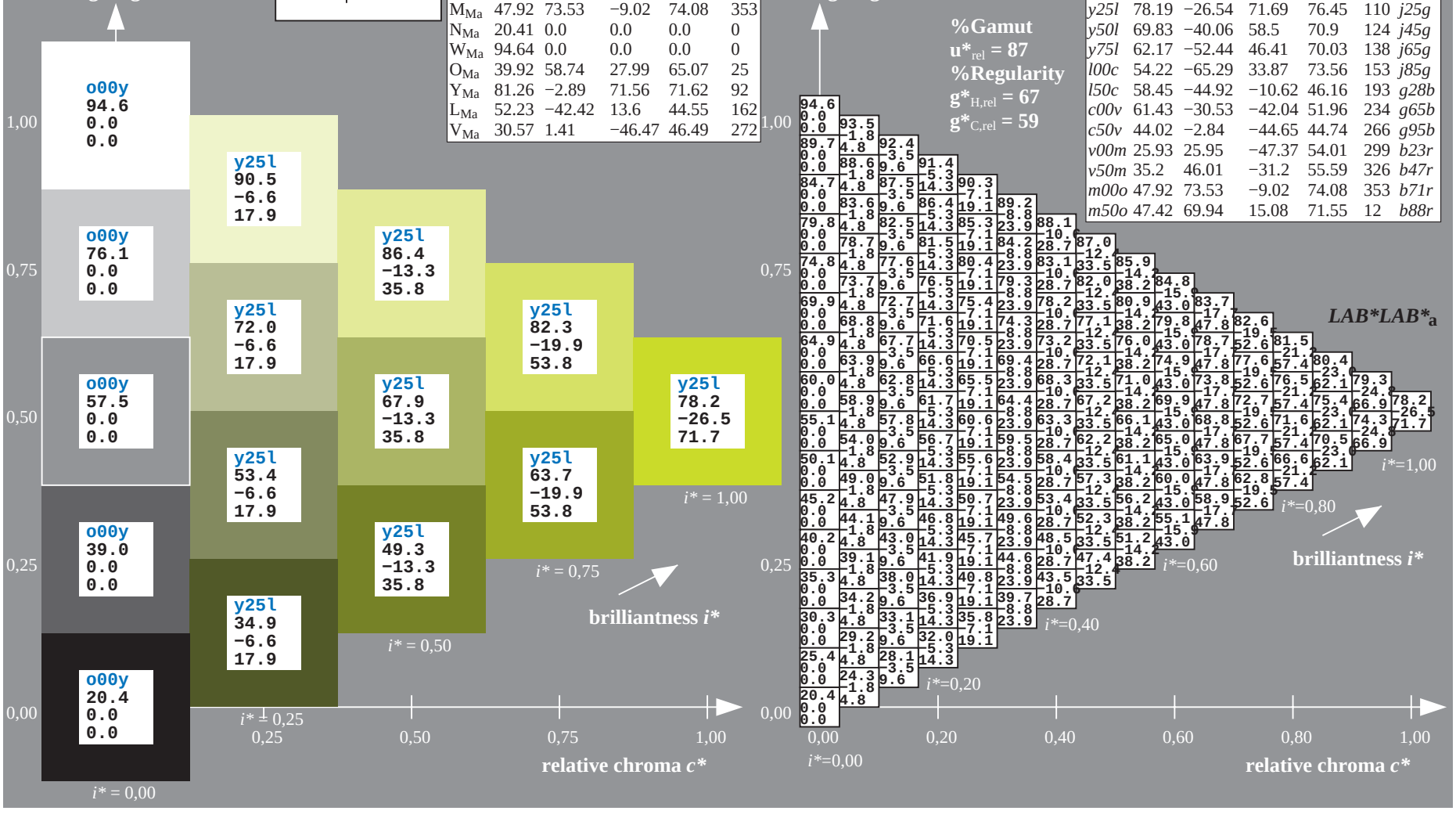
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 78 −27 72
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.74 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

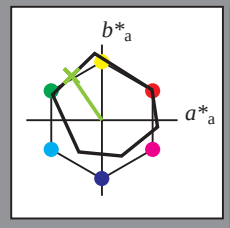
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.346$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j45g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

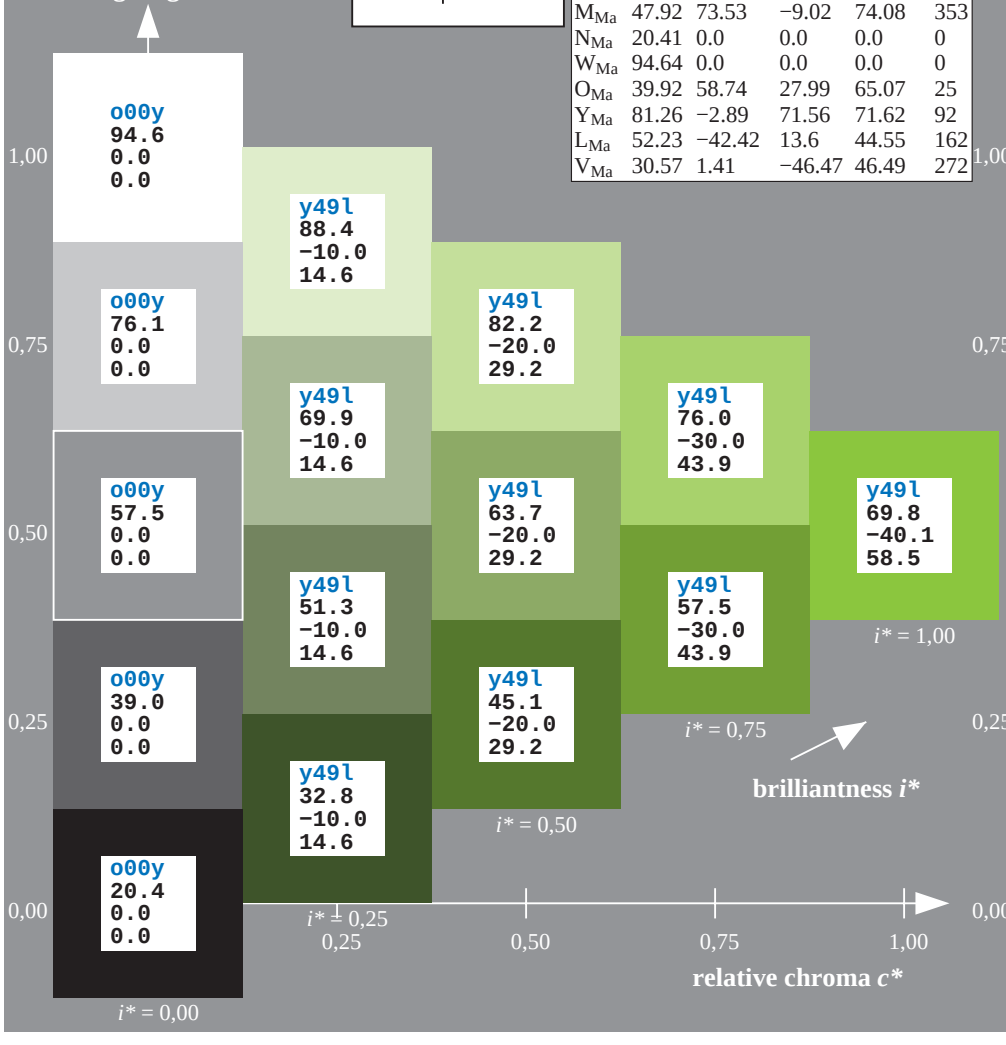
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

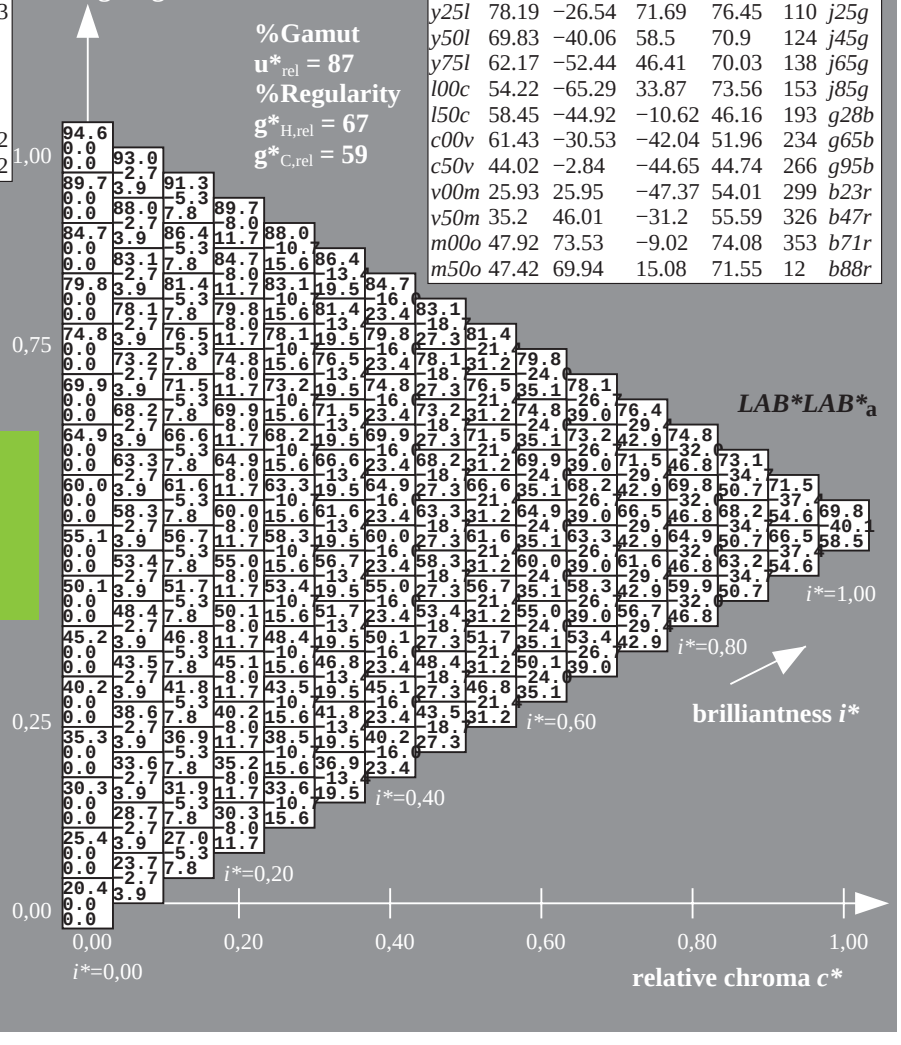
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 70 −40 58
$LAB^*LCH^*_{Ma}$: 70 71 124
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.54 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data

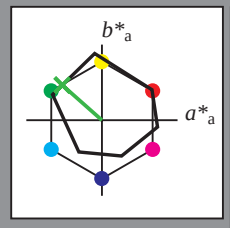
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.385**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j65g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

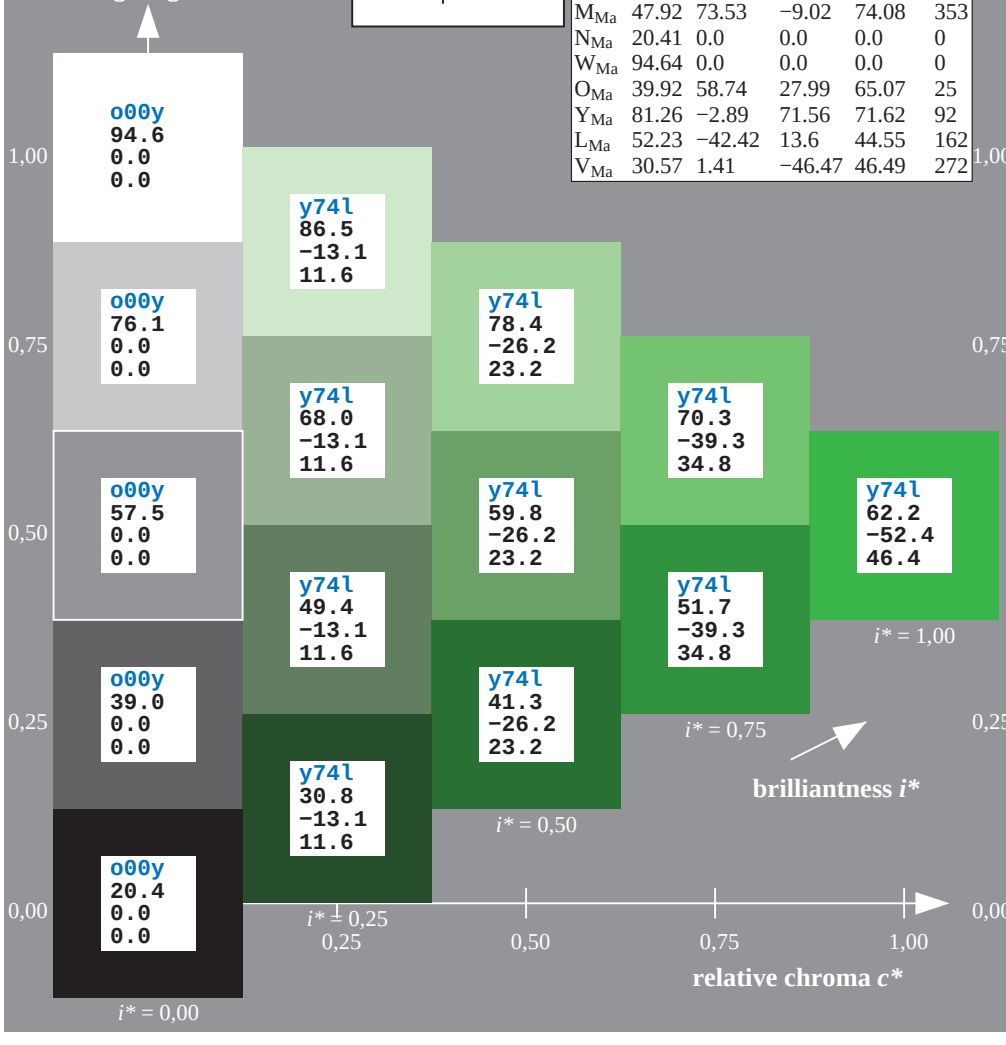
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

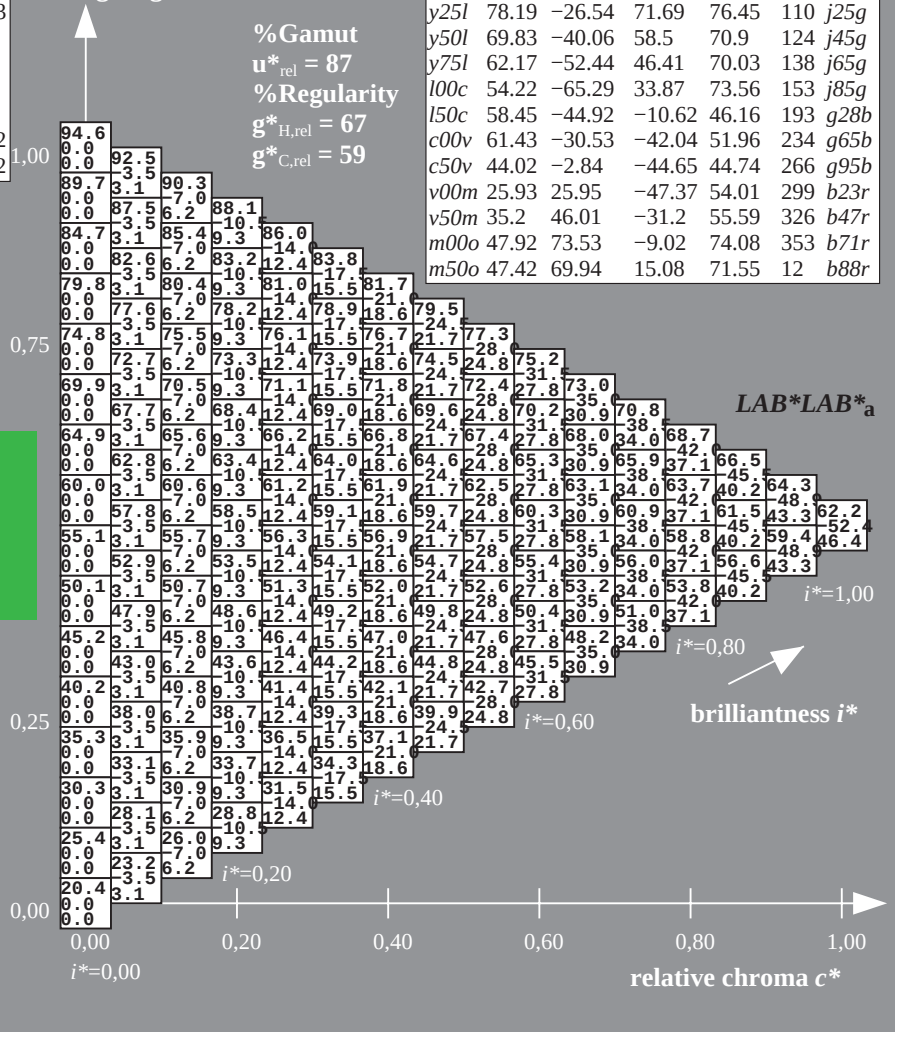
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 −52 46
*LAB*LCH**$_{Ma}$: 62 70 138
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.34 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

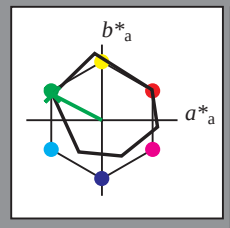
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.424**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j85g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

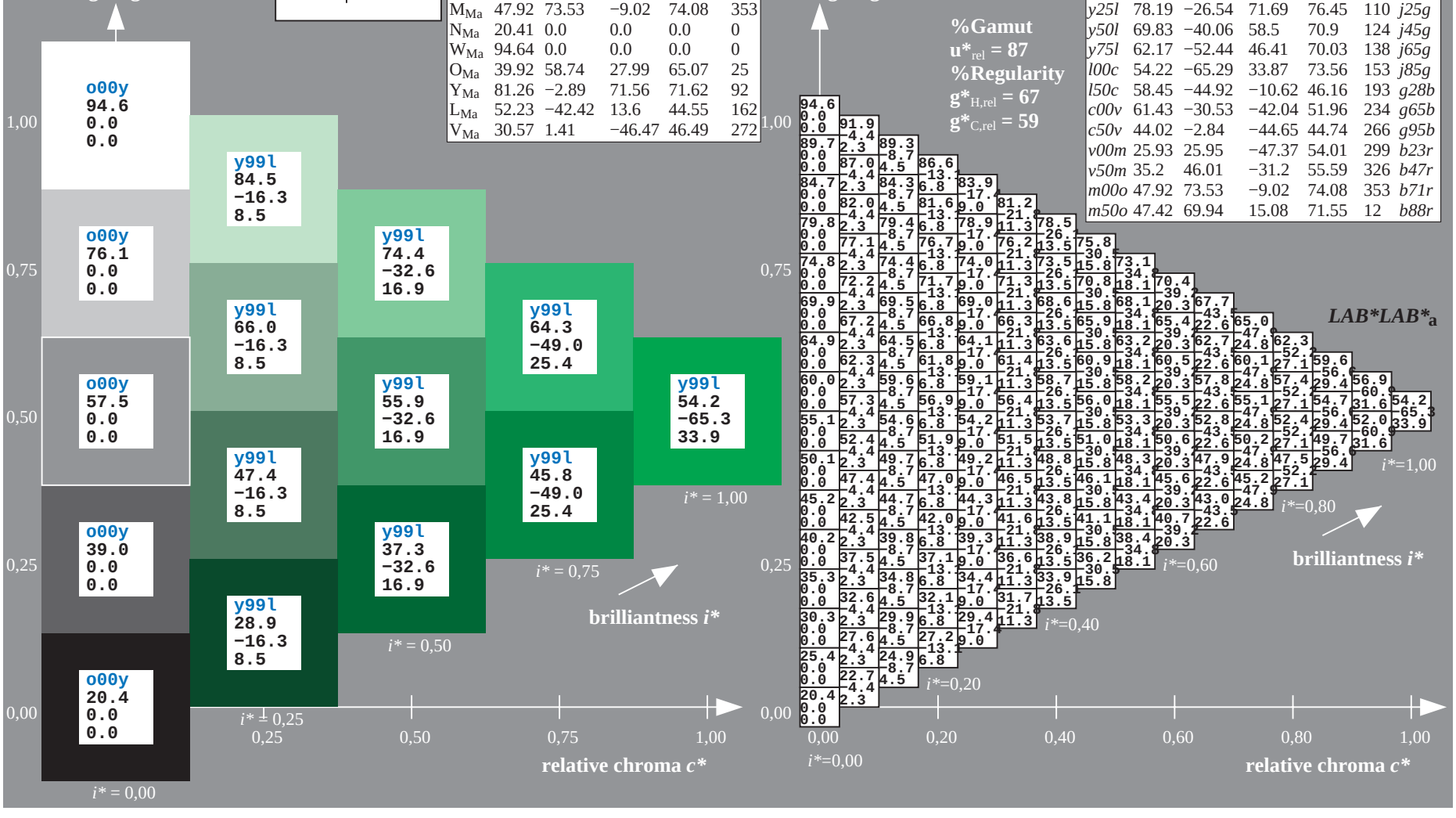
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 54 −65 34
*LAB*LCH**$_{Ma}$: 54 74 152
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.14 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

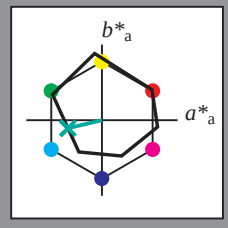
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.537$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

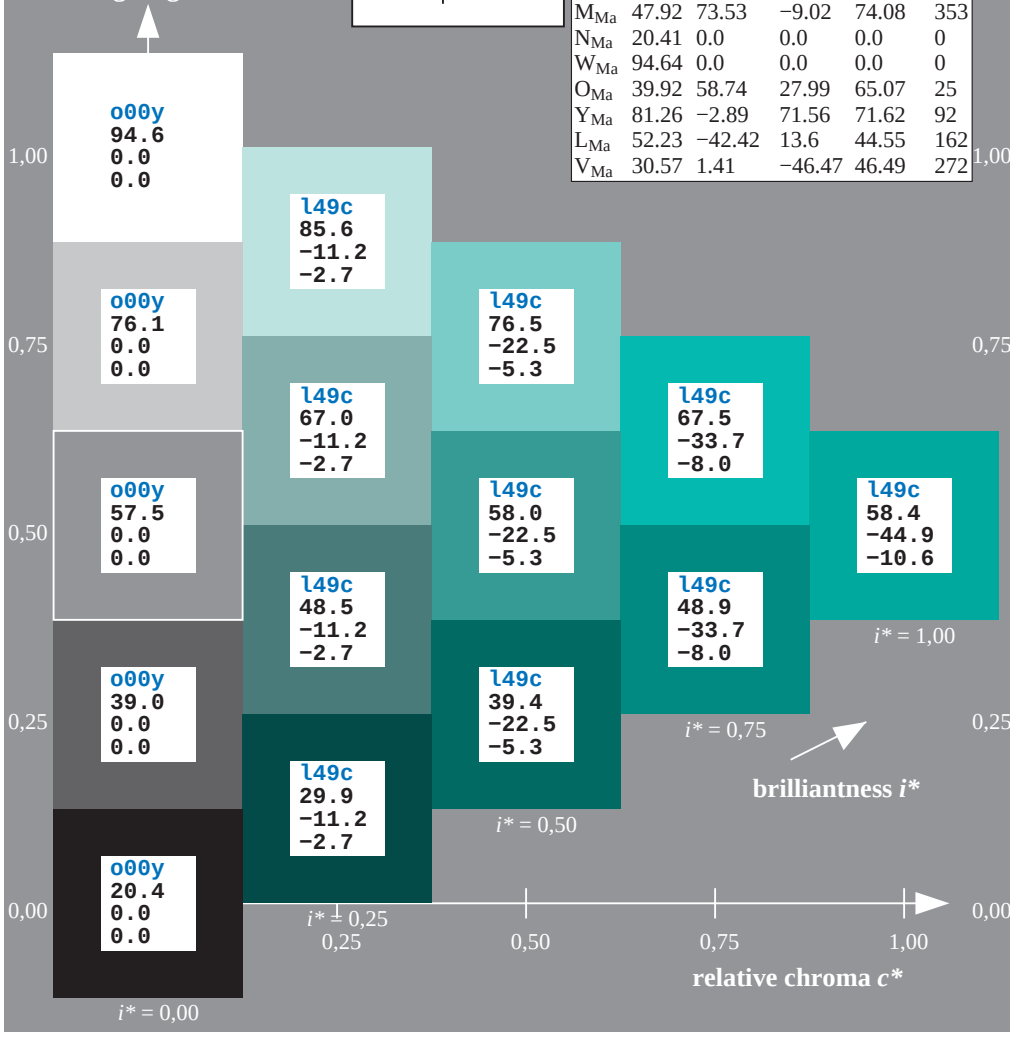
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

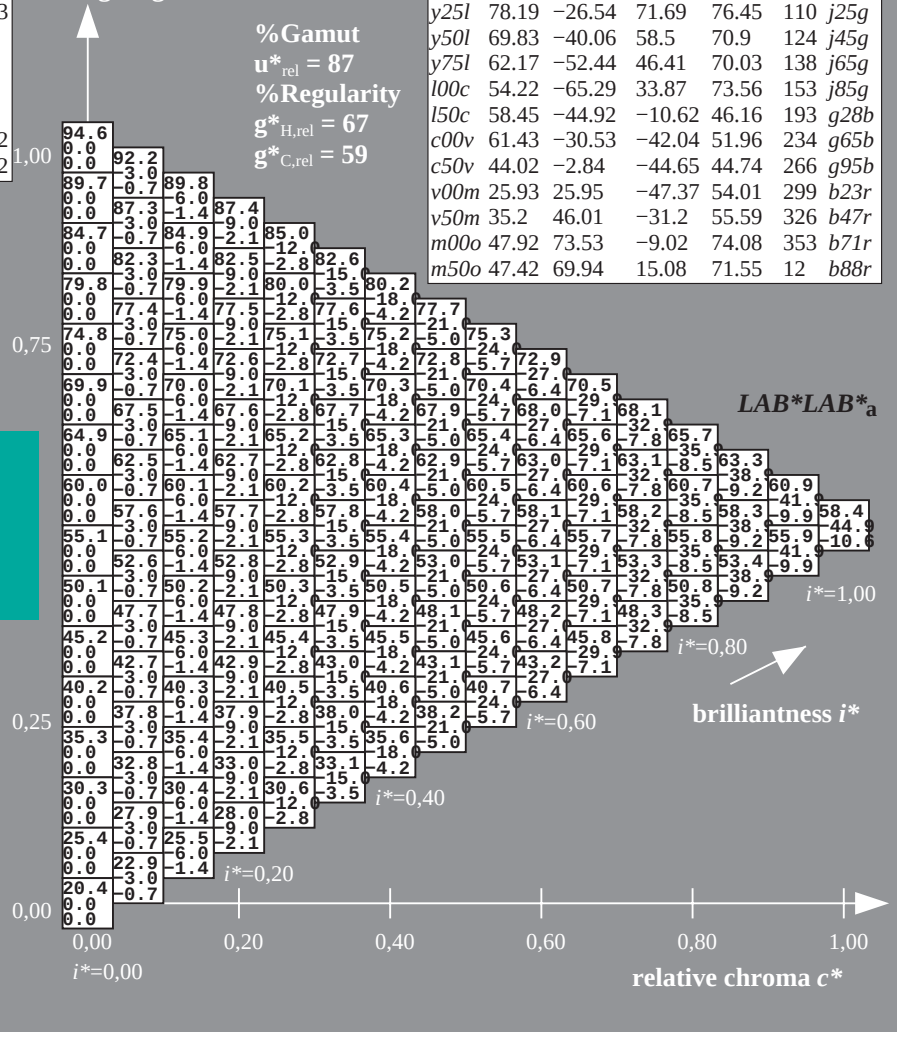
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 58 −45 −11
*LAB*LCH**$_{Ma}$: 58 46 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

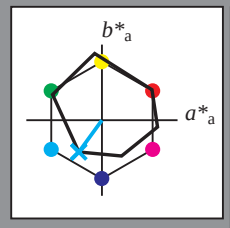
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.65**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c00v* u^*_e = *g65b*
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

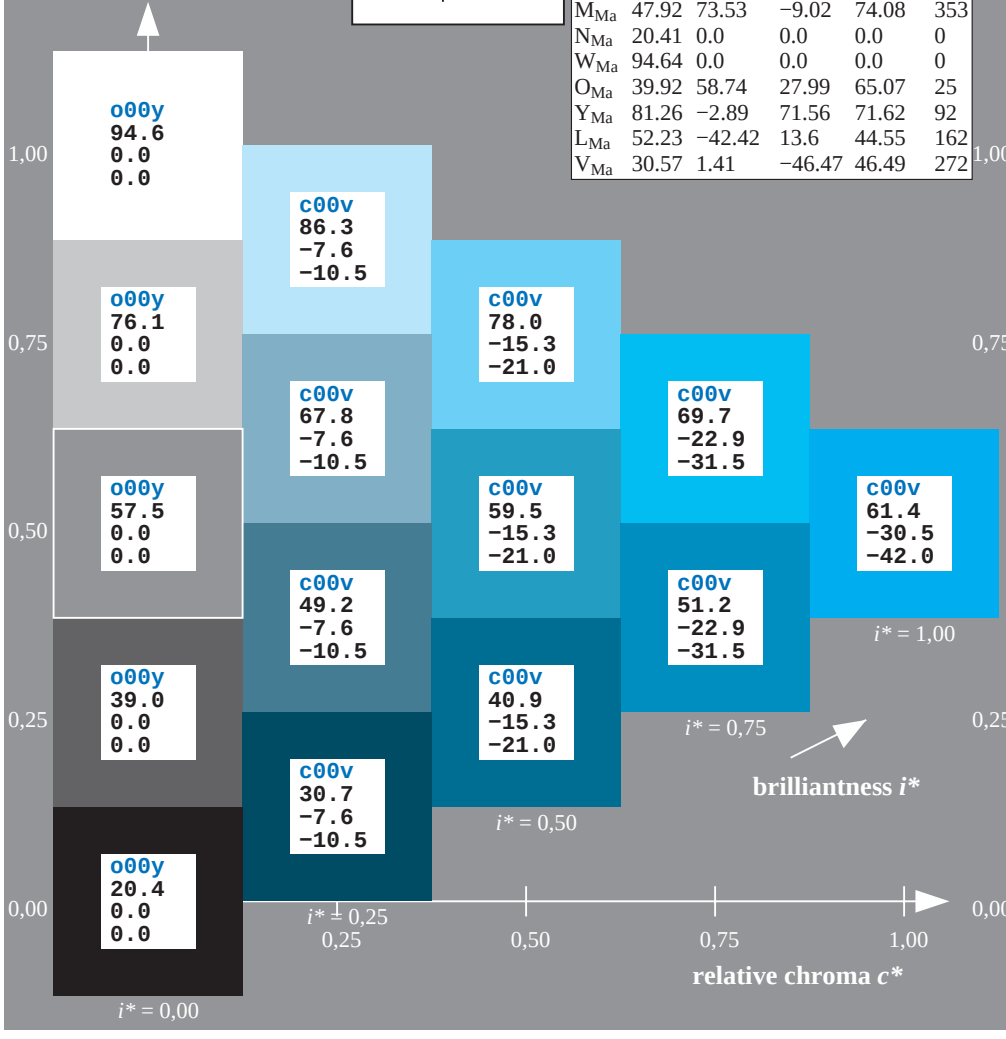
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$: 61 −31 −42
LAB*LCH*$_{Ma}$: 61 52 234
lab*olv*$_{Ma}$: 0.0 1.0 1.0
lab*rgb*$_{Ma}$: 0.0 0.69 1.0
triangle lightness *t**

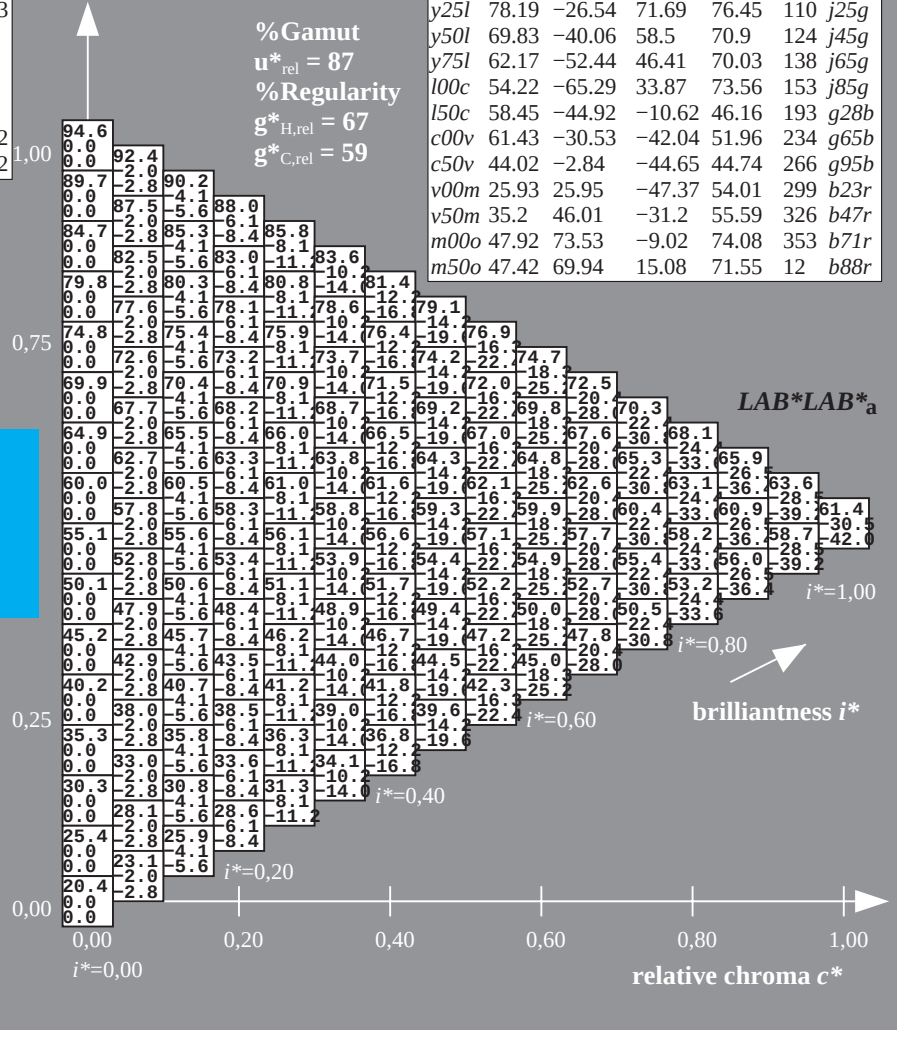
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
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* = *c00v
LAB*LAB*a

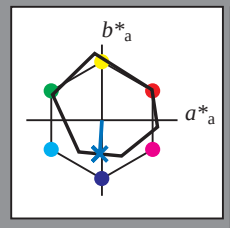
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59





Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.74**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g95b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

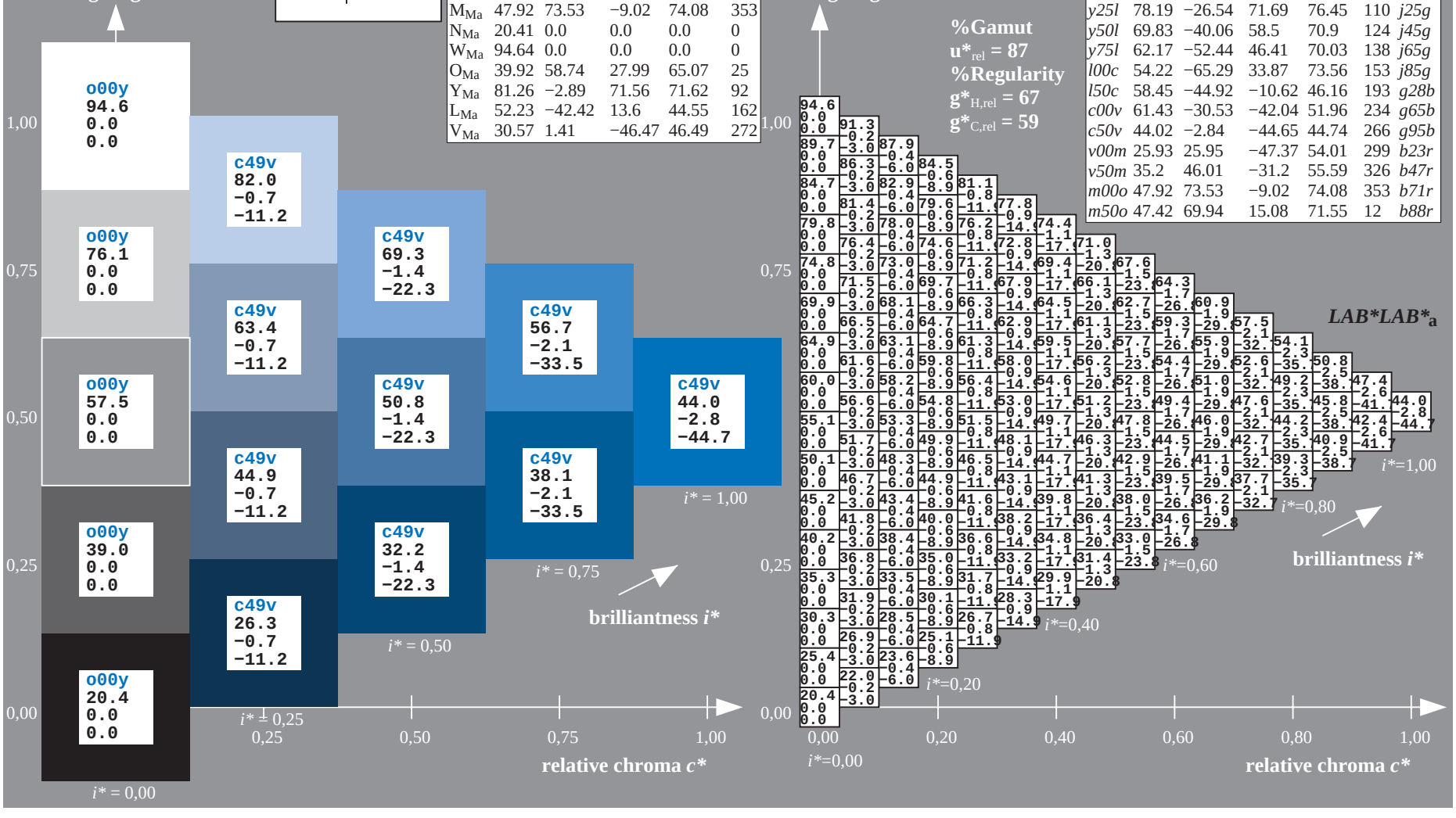
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 44 −3 −45
*LAB*LCH**$_{Ma}$: 44 45 266
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.1 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

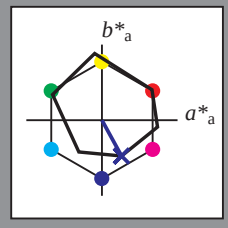
ORS20_95a; adapted (a) CIELAB data

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_95a 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

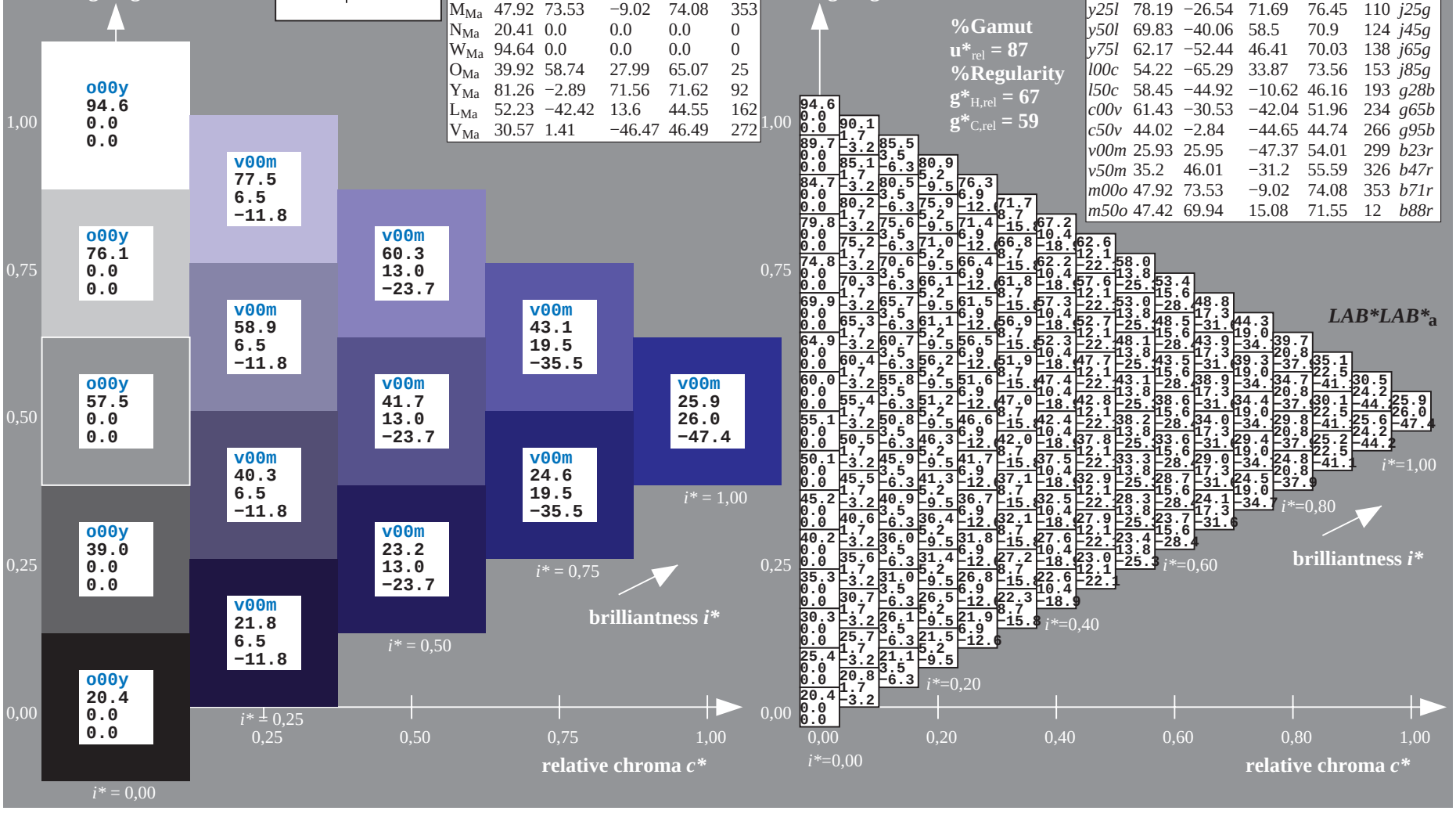
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 26 26 −47
*LAB*LCH**$_{Ma}$: 26 54 298
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.47 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

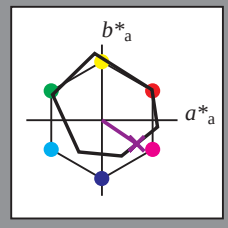
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.905**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

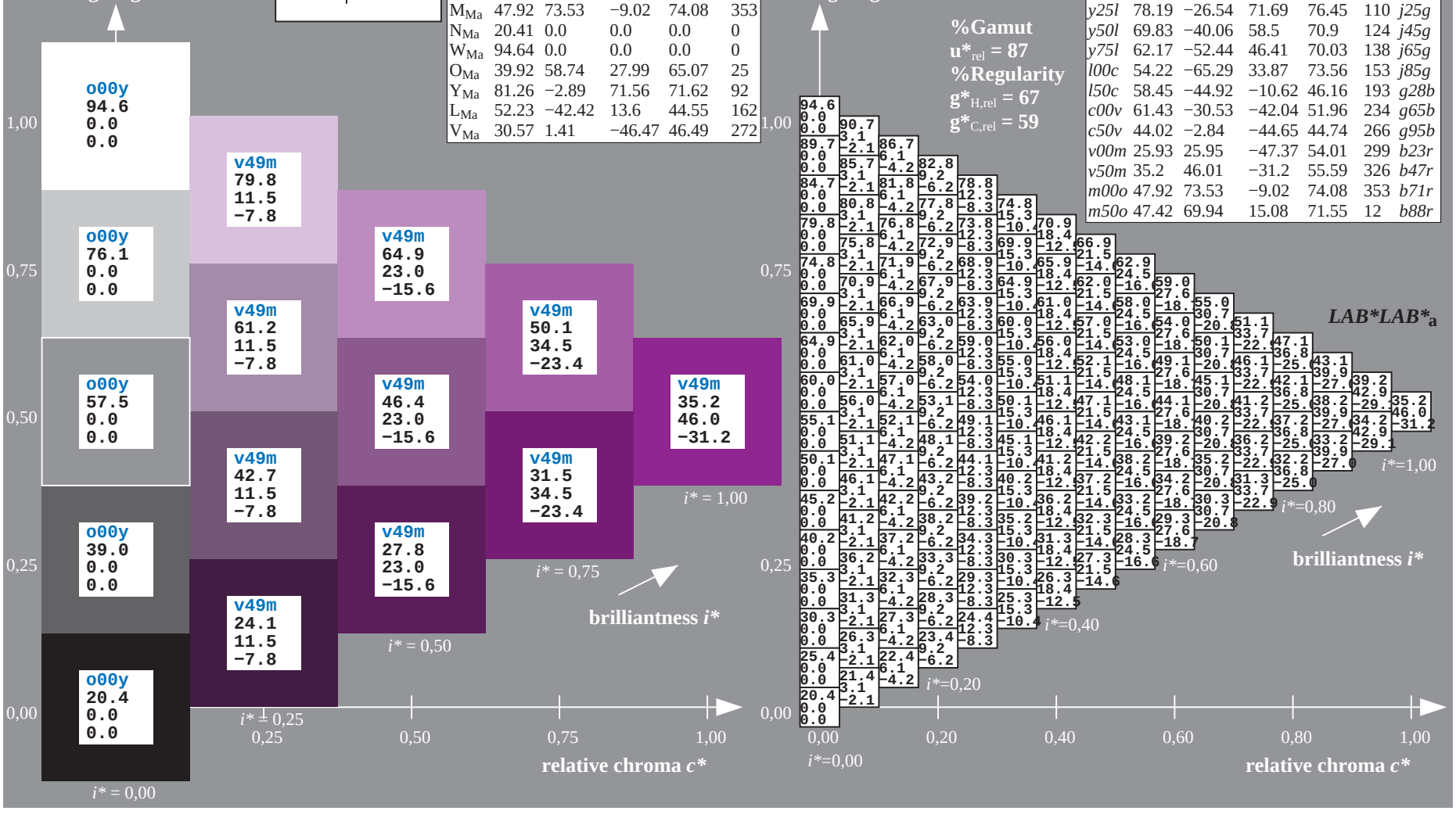
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 35 46 −31
*LAB*LCH**$_{Ma}$: 35 56 325
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.95 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

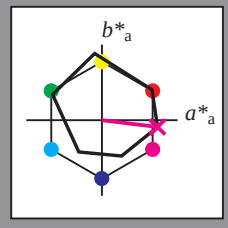
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.981**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

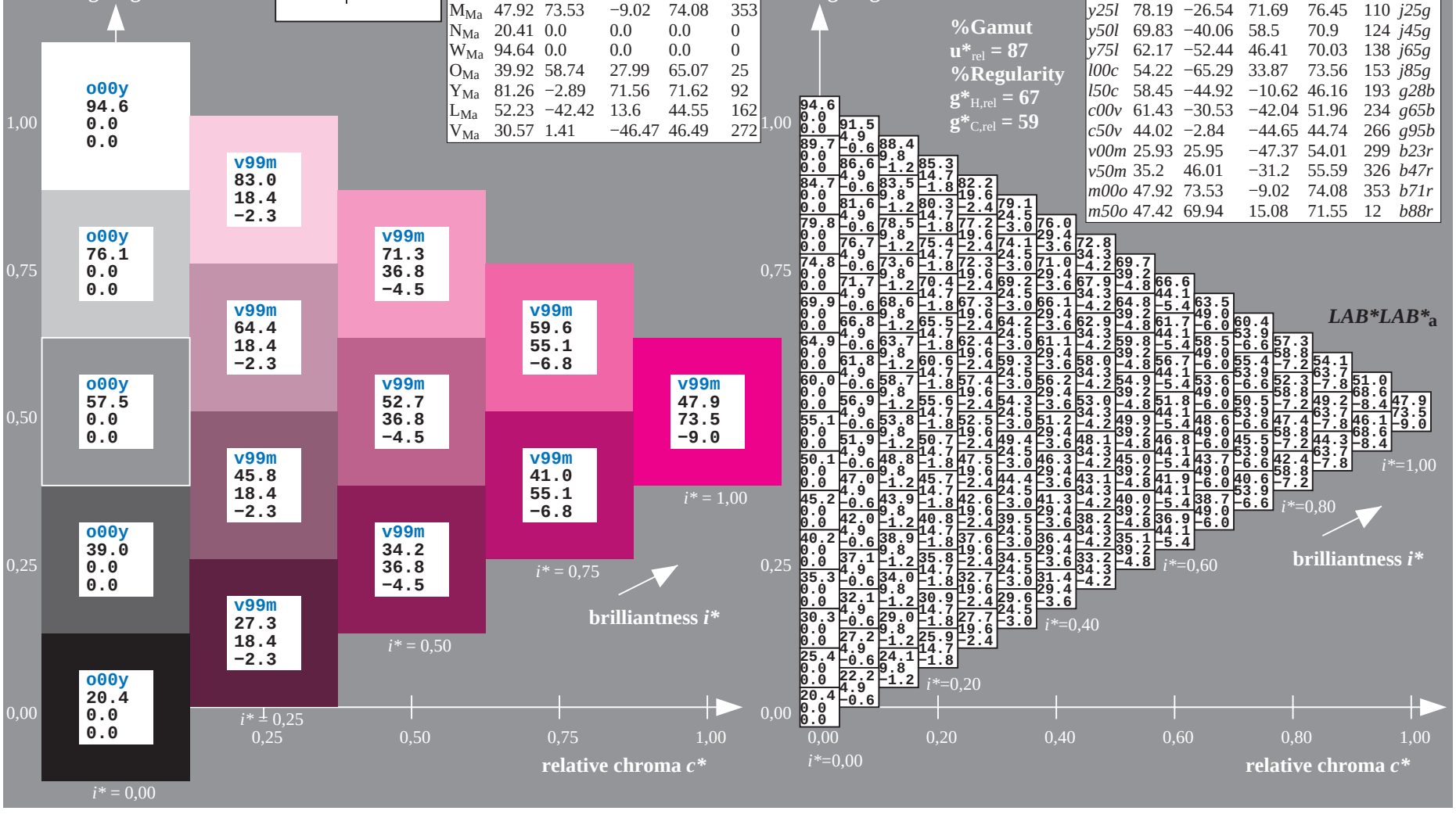
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 48 74 −9
*LAB*LCH**$_{Ma}$: 48 74 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.57
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

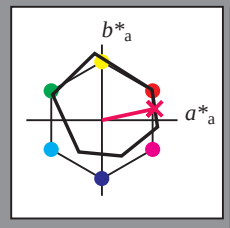
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.034**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



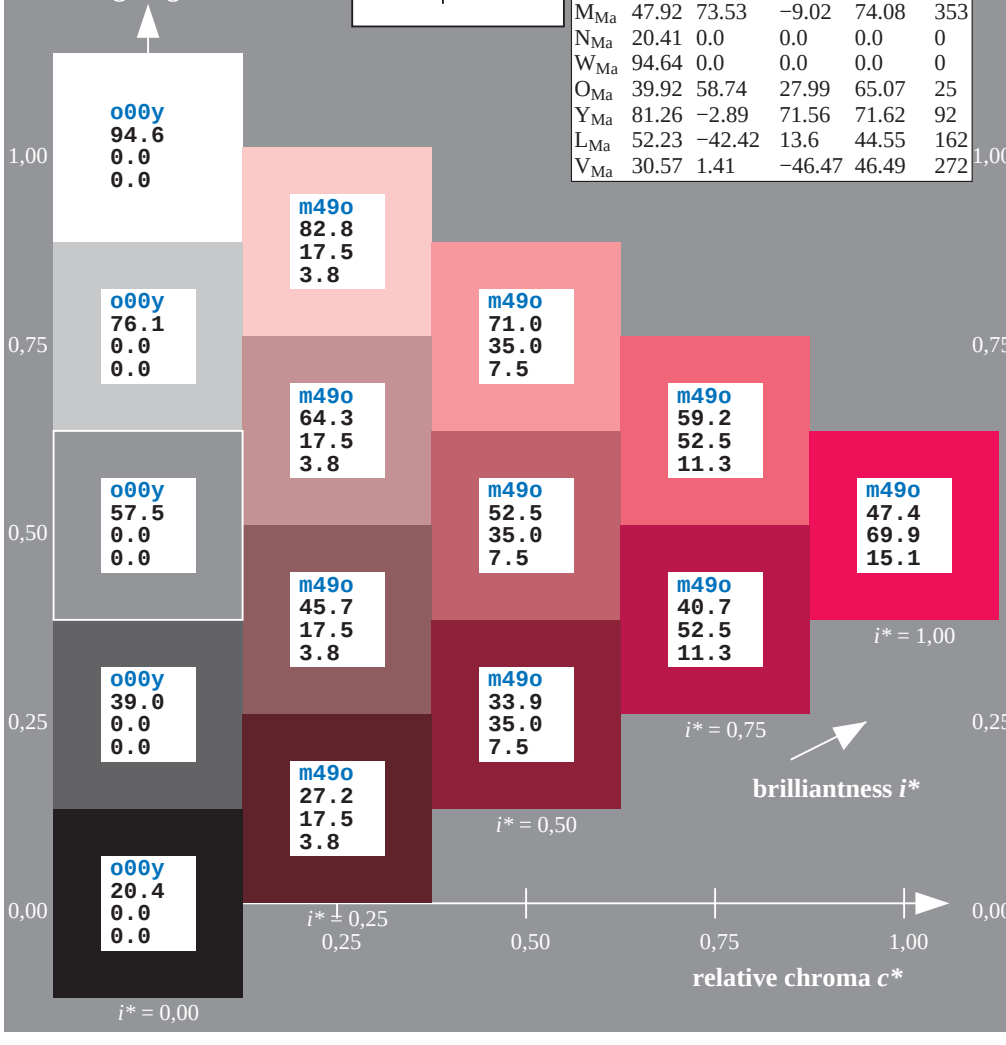
ORS20_95a; adapted (a) CIELAB data

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

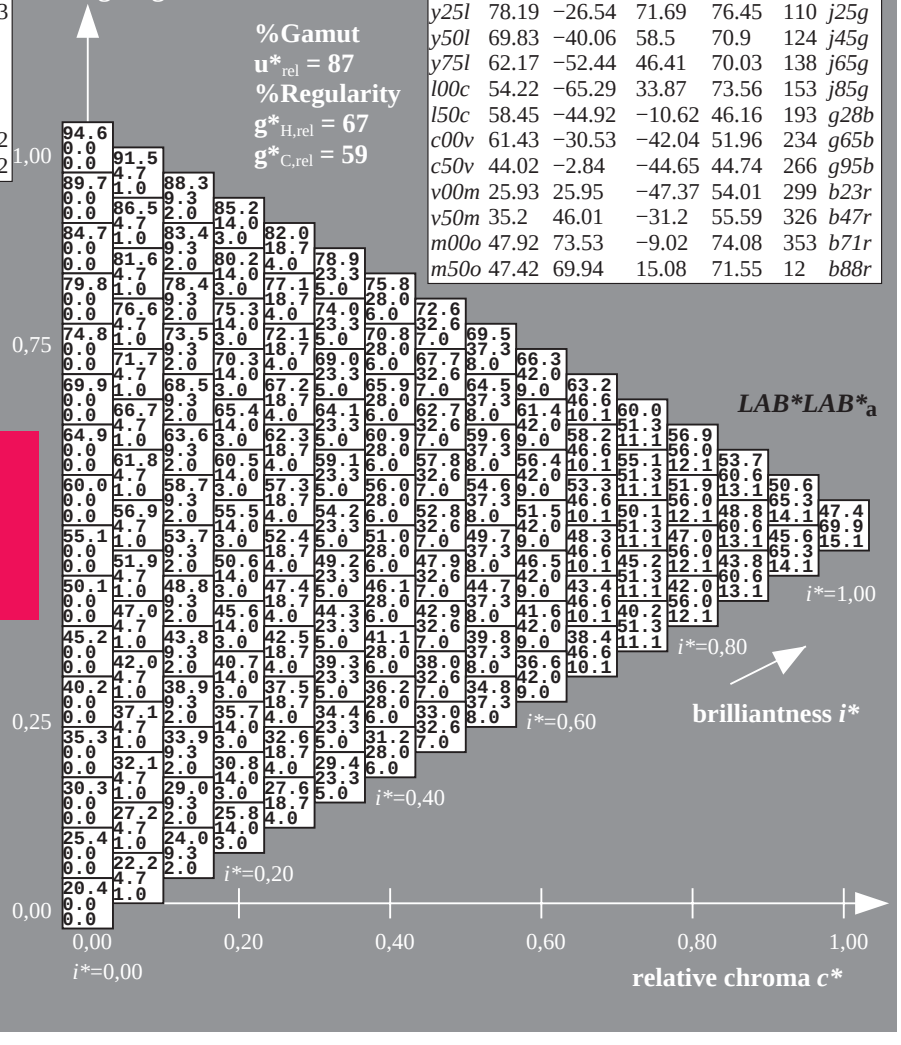
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 47 70 15
*LAB*LCH**$_{Ma}$: 47 72 12
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.23
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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



%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



	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	20.4 0.0 0.0	24.6 -8.2 4.2	28.9 -16.3 8.5	33.1 -24.5 12.7	37.3 -32.6 16.9	41.5 -40.8 21.2	45.8 -49.0 25.4	50.0 -57.1 29.6	54.2 -65.3 33.9	23.7 8.3 5.0	28.9 -1.2 11.0	32.8 -10.0 14.6	37.0 -18.1 18.9	41.3 -26.2 23.2	45.5 -34.3 27.5	49.8 -42.4 31.8	54.0 -50.6 36.0	58.3 -58.7 40.3	27.0 16.5 10.1	31.9 7.7 15.7	37.5 -2.4 22.1	41.0 -11.7 25.1	45.1 -20.0 29.2	49.4 -28.2 33.5	53.6 -36.3 37.8	57.9 -44.3 42.1	62.2 -52.4 46.4	94.6 0.0 0.0	88.7 8.3 5.0	82.7 16.5 10.1	76.7 24.8 15.1	70.8 33.1 20.1	64.8 41.4 25.2	58.8 49.6 30.2	52.9 57.9 35.2	46.9 66.2 40.3	20.4 0.0 0.0	20.4 0.0 0.0	20.4 0.0 0.0	20.4 0.0 0.0
02	21.1 3.2 -5.9	25.5 -3.8 -5.3	29.9 -11.2 -2.7	34.3 -18.7 0.1	38.6 -26.4 3.3	42.9 -34.2 6.7	47.2 -42.1 10.4	51.5 -50.0 14.1	55.7 -58.0 18.0	23.8 9.2 -1.1	29.7 0.0 0.0	33.9 -8.2 4.2	38.1 -16.3 8.5	42.4 -24.5 12.7	46.6 -32.6 16.9	50.8 -40.8 21.2	55.0 -49.0 25.4	59.3 -57.1 29.6	27.2 17.5 3.8	33.0 8.3 5.0	38.2 -1.2 11.0	42.0 -10.0 14.6	46.3 -18.1 18.9	50.6 -26.2 23.2	54.8 -34.3 27.5	59.1 -42.4 31.8	63.3 -50.6 36.0	90.5 -3.8 -5.3	85.4 0.0 0.0	79.4 8.3 5.0	73.4 16.5 10.1	67.5 24.8 15.1	61.5 33.1 20.1	55.5 41.4 25.2	49.5 49.6 30.2	43.6 57.9 35.2	29.7 0.0 0.0	29.7 0.0 0.0	29.7 0.0 0.0	29.7 0.0 0.0
03	21.8 6.5 -11.8	26.3 -0.7 -11.2	30.7 -7.6 -10.5	35.0 -15.2 -7.7	39.4 -22.5 -5.3	43.8 -29.9 -2.7	48.2 -37.4 0.2	52.5 -45.1 3.3	56.8 -52.8 6.5	24.1 11.5 -7.8	30.4 3.2 -5.9	34.8 -3.8 -5.3	39.2 -11.2 -2.7	43.6 -18.7 0.1	47.9 -26.4 3.3	52.2 -34.2 6.7	56.5 -42.1 10.4	60.7 -50.0 14.1	27.3 18.4 -2.3	33.1 9.2 -1.1	39.0 0.0 0.0	43.2 -8.2 4.2	47.4 -16.3 8.5	51.6 -24.5 12.7	55.9 -32.6 16.9	60.1 -40.8 21.2	64.3 -49.0 25.4	86.3 -7.6 -10.5	81.2 -3.8 -5.3	76.1 0.0 0.0	70.1 8.3 5.0	64.1 16.5 10.1	58.2 24.8 15.1	52.2 33.1 20.1	46.2 41.4 25.2	40.3 49.6 30.2	39.0 0.0 0.0	39.0 0.0 0.0	39.0 0.0 0.0	39.0 0.0 0.0
04	22.5 9.7 -17.8	27.3 2.1 -17.0	31.3 -4.2 -16.4	35.8 -11.4 -15.8	40.1 -19.1 -12.7	44.5 -26.4 -10.4	48.9 -33.7 -8.0	53.3 -41.1 -5.4	57.7 -48.6 -2.6	24.8 14.7 -13.8	31.1 6.5 -11.8	35.6 -0.7 -11.2	39.9 -7.6 -10.5	44.3 -15.2 -7.7	48.7 -22.5 -5.3	53.1 -29.9 -2.7	57.4 -37.4 0.2	61.8 -45.1 3.3	27.3 20.1 -9.4	33.4 11.5 -7.8	39.7 3.2 -5.9	44.1 -3.8 -5.3	48.5 -11.2 -2.7	52.8 -18.7 0.1	57.2 -26.4 3.3	61.5 -34.2 6.7	65.8 -42.1 10.4	82.2 -11.4 -15.8	77.1 -7.6 -10.5	71.9 -3.8 -5.3	66.8 0.0 0.0	60.8 8.3 5.0	54.9 16.5 10.1	48.9 24.8 15.1	42.9 33.1 20.1	37.0 41.4 25.2	48.2 0.0 0.0	48.2 0.0 0.0	48.2 0.0 0.0	48.2 0.0 0.0
05	23.2 13.0 -23.7	28.1 5.1 -22.9	32.2 -1.4 -22.3	36.2 -7.8 -21.7	40.9 -15.3 -21.0	45.2 -23.0 -17.8	49.6 -30.3 -15.4	54.0 -37.6 -13.0	58.4 -44.9 -10.6	25.5 17.9 -19.7	31.8 9.7 -17.8	36.5 2.1 -17.0	40.5 -4.2 -16.4	45.1 -11.4 -15.8	49.4 -19.1 -12.7	53.8 -26.4 -10.4	58.2 -33.7 -8.0	62.6 -41.1 -5.4	27.8 23.0 -15.6	34.0 14.7 -13.8	40.3 6.5 -11.8	44.9 -0.7 -11.2	49.2 -7.6 -10.5	53.6 -15.2 -7.7	58.0 -22.5 -5.3	62.4 -29.9 -2.7	66.7 -37.4 0.2	78.0 -15.3 -21.0	72.9 -11.4 -15.8	67.8 -7.6 -10.5	62.7 -3.8 -5.3	57.5 0.0 0.0	51.6 8.3 5.0	45.6 16.5 10.1	39.6 24.8 15.1	33.7 33.1 20.1	57.5 0.0 0.0	57.5 0.0 0.0	57.5 0.0 0.0	57.5 0.0 0.0
06	23.9 16.2 -29.6	28.9 8.1 -28.8	33.2 1.4 -28.2	37.1 -4.9 -27.6	41.3 -11.5 -27.0	46.0 -19.1 -26.3	50.4 -26.9 -22.9	54.7 -34.2 -20.4	59.1 -41.5 -18.0	26.1 21.2 -25.6	32.4 13.0 -23.7	37.4 5.1 -22.9	41.5 -1.4 -22.3	45.5 -7.8 -21.7	50.2 -15.3 -21.0	54.5 -23.0 -17.8	58.9 -30.3 -15.4	63.3 -37.6 -13.0	28.4 26.1 -21.6	34.7 17.9 -19.7	41.0 9.7 -17.8	45.8 2.1 -17.0	49.8 -4.2 -16.4	54.3 -11.4 -15.8	58.7 -19.1 -12.7	63.1 -26.4 -10.4	67.5 -33.7 -8.0	73.9 -19.1 -26.3	68.8 -15.3 -21.0	63.6 -11.4 -15.8	58.5 -7.6 -10.5	53.4 -3.8 -5.3	48.2 0.0 0.0	42.3 8.3 5.0	36.3 16.5 10.1	30.3 24.8 15.1	66.8 0.0 0.0	66.8 0.0 0.0	66.8 0.0 0.0	66.8 0.0 0.0
07	24.6 19.5 -35.5	29.7 11.2 -34.7	34.1 4.3 -34.1	38.1 -2.1 -33.5	42.1 -8.5 -32.9	46.3 -15.2 -32.3	51.2 -22.9 -31.5	55.5 -30.7 -28.0	59.8 -38.1 -25.4	26.8 24.4 -31.5	33.1 16.2 -29.6	38.2 8.1 -28.8	42.5 1.4 -28.2	46.4 -4.9 -27.6	50.6 -11.5 -27.0	55.3 -19.1 -26.3	59.6 -26.9 -22.9	64.0 -34.2 -20.4	29.1 29.4 -27.6	35.4 21.2 -25.6	41.7 13.0 -23.7	46.7 5.1 -22.9	50.8 -1.4 -22.3	54.8 -7.8 -21.7	59.5 -15.3 -21.0	63.8 -23.0 -17.8	68.2 -30.3 -15.4	69.7 -22.9 -31.5	64.6 -19.1 -26.3	59.5 -15.3 -21.0	54.3 -11.4 -15.8	49.2 -7.6 -10.5	44.1 -3.8 -5.3	39.0 0.0 0.0	33.0 8.3 5.0	27.0 16.5 10.1	76.1 0.0 0.0	76.1 0.0 0.0	76.1 0.0 0.0	76.1 0.0 0.0
08	25.2 22.7 -41.4	30.5 14.4 -40.7	35.0 7.2 -40.0	39.1 0.7 -39.4	43.0 -5.6 -38.8	47.1 -12.0 -38.2	51.4 -18.9 -37.5	56.3 -26.7 -36.8	60.6 -34.6 -33.2	27.5 27.7 -37.4	33.8 19.5 -35.5	39.0 11.2 -34.7	43.4 4.3 -34.1	47.4 -2.1 -33.5	51.4 -8.5 -32.9	55.6 -15.2 -32.3	60.5 -22.9 -31.5	64.7 -30.7 -28.0	29.8 32.6 -33.5	36.1 24.4 -31.5	42.4 16.2 -29.6	47.5 8.1 -28.8	51.7 1.4 -28.2	55.7 -4.9 -27.6	59.8 -11.5 -27.0	64.6 -19.1 -26.3	68.9 -26.9 -22.9	65.6 -26.7 -36.8	60.5 -22.9 -31.5	55.3 -19.1 -26.3	50.2 -15.3 -21.0	45.1 -11.4 -15.8	39.9 -7.6 -10.5	34.8 -3.8 -5.3	29.7 0.0 0.0	23.7 8.3 5.0	85.4 0.0 0.0	85.4 0.0 0.0	85.4 0.0 0.0	85.4 0.0 0.0
09	25.9 26.0 -47.4	31.2 17.5 -46.6	35.8 10.2 -45.9	40.0 3.5 -45.3	44.0 -2.8 -44.7	48.0 -9.1 -44.1	52.1 -15.6 -43.4	56.5 -22.6 -42.8	61.4 -30.5 -42.0	28.2 30.9 -43.4	34.5 22.7 -41.4	39.8 14.4 -40.7	44.3 7.2 -40.0	48.4 0.7 -39.4	52.3 -5.6 -38.8	56.4 -12.0 -38.2	60.7 -18.9 -37.5	65.6 -26.7 -36.8	30.5 35.8 -39.4	36.8 27.7 -37.4	43.1 19.5 -35.5	48.3 11.2 -34.7	52.7 4.3 -34.1	56.7 -2.1 -33.5	60.7 -8.5 -32.9	64.9 -15.2 -32.3	69.7 -22.9 -31.5	61.4 -30.5 -42.0	56.3 -26.7 -36.8	51.2 -22.9 -31.5	46.0 -19.1 -26.3	40.9 -15.3 -21.0	35.8 -11.4 -15.8	30.7 -7.6 -10.5	25.5 -3.8 -5.3	20.4 0.0 0.0	94.6 0.0 0.0	94.6 0.0 0.0	94.6 0.0 0.0	94.6 0.0 0.0
10	30.3 24.8 15.1	35.3 15.7 20.8	40.0 7.2 26.2	46.0 -3.6 33.1	49.3 -13.3 35.8	53.3 -21.8 39.7	57.5 -30.0 43.9	61.7 -38.2 48.1	66.0 -46.3 52.4	33.7 33.1 20.1	38.8 23.8 26.0	43.4 15.4 31.3	48.3 6.5 36.9	54.5 -4.8 44.1	57.7 -14.7 46.6	61.5 -23.5 50.3	65.6 -31.8 54.3	69.8 -40.1 58.5	37.0 41.4 25.2	42.2 31.9 31.2	46.8 23.4 36.5	51.5 15.0 41.8	56.6 5.7 47.8	63.1 -6.0 55.1	66.1 -16.1 57.5	69.8 -25.0 61.0	73.9 -33.6 64.8	94.6 0.0 0.0	93.9 -1.2 11.0	93.1 -2.4 22.1	92.4 -3.6 33.1	91.6 -4.8 44.1	90.9 -6.0 55.1	90.2 -7.2 66.2	89.4 -8.4 77.2	88.7 -9.6 88.2	20.4 0.0 0.0	20.4 0.0 0.0	20.4 0.0 0.0	20.4 0.0 0.0
11	30.5 25.8 8.7	36.3 16.5 10.1	41.2 7.7 15.7	46.8 -2.4 22.1	50.3 -11.7 25.1	54.4 -20.0 29.2	58.6 -28.2 33.5	62.9 -36.3 37.8	67.2 -44.3 42.1	33.8 34.1 13.6	39.6 24.8 15.1	44.6 15.7 20.8	49.3 7.2 26.2	55.3 -3.6 33.1	58.6 -13.3 35.8	62.6 -21.8 39.7	66.8 -30.0 43.9	71.0 -38.2 48.1	37.1 42.4 18.6	42.9 33.1 20.1	48.1 23.8 26.0	52.7 15.4 31.3	57.6 6.5 36.9	63.8 -4.8 44.1	67.0 -14.7 46.6	70.8 -23.5 50.3	74.9 -31.8 54.3	86.1 3.2 -5.9	85.4 0.0 0.0	84.6 -1.2 11.0	83.9 -2.4 22.1	83.1 -3.6 33.1	82.4 -4.8 44.1	81.6 -6.0 55.1	80.9 -7.2 66.2	80.1 -8.4 77.2	25.4 0.0 0.0	25.4 0.0 0.0	25.4 0.0 0.0	25.4 0.0 0.0
12	30.6 26.7 2.7	36.4 17.5 3.8	42.3 8.3 5.0	47.5 -1.2 11.0	51.3 -10.0 14.6	55.6 -18.1 18.9	59.8 -26.2 23.2	64.1 -34.3 27.5	68.4 -42.4 31.8	33.9 35.0 7.5	39.8 25.8 8.7	45.6 16.5 10.1	50.5 7.7 15.7	56.0 -2.4 22.1	59.5 -11.7 25.1	63.7 -20.0 29.2	67.9 -28.2 33.5	72.2 -36.3 37.8	37.2 43.3 12.4	43.1 34.1 13.6	48.9 24.8 15.1	53.9 15.7 20.8	58.6 7.2 26.2	64.6 -3.6 33.1	67.9 -13.3 35.8	71.9 -21.8 39.7	76.0 -30.0 43.9	77.5 6.5 -11.8	76.8 3.2 -5.9	76.1 0.0 0.0	75.3 -1.2 11.0	74.6 -2.4 22.1	73.8 -3.6 33.1	73.1 -4.8 44.1	72.3 -6.0 55.1	71.6 -7.2 66.2	30.3 0.0 0.0	30.3 0.0 0.0	30.3 0.0 0.0	30.3 0.0 0.0
13	30.7 27.6 -3.4	36.6 18.4 -2.3	42.4 9.2 -1.1	48.2 0.0 0.0	52.5 -8.2 4.2	56.7 -16.3 8.5	60.9 -24.5 12.7	65.2 -32.6 16.9	69.4 -40.8 21.2	34.0 35.9 1.6	39.9 26.7 2.7	45.7 17.5 3.8	51.6 8.3 5.0	56.8 -1.2 11.0	60.6 -10.0 14.6	64.9 -18.1 18.9	69.1 -26.2 23.2	73.4 -34.3 27.5	37.4 44.2 6.5	43.2 35.0 7.5	49.0 25.8 8.7	54.9 16.5 10.1	59.7 7.7 15.7	65.3 -2.4 22.1	68.8 -11.7 25.1	73.0 -20.0 29.2	77.2 -28.2 33.5	68.9 9.7 -17.8	68.2 6.5 -11.8	67.5 3.2 -5.9	66.8 0.0 0.0	66.1 -1.2 11.0	65.3 -2.4 22.1	64.6 -3.6 33.1	63.8 -4.8 44.1	63.1 -6.0 55.1	35.3 0.0 0.0	35.3 0.0 0.0	35.3 0.0 0.0	35.3 0.0 0.0
14	30.5 28.9 -10.8	36.5 20.1 -9.4	42.7 11.5 -7.8	48.9 3.2 -5.9	53.4 -3.8 -5.3	57.8 -11.2 -2.7	62.1 -18.7 0.1	66.4 -26.4 3.3	70.7 -34.2 6.7	34.2 36.8 -4.5	40.0 27.6 -3.4	45.8 18.4 -2.3	51.7 9.2 -1.1	57.5 0.0 0.0	61.8 -8.2 4.2	66.0 -16.3 8.5	70.2 -24.5 12.7	74.4 -32.6 16.9	37.5 45.0 0.5	43.3 35.9 1.6	49.2 26.7 2.7	55.0 17.5 3.8	60.8 8.3 5.0	66.1 -1.2 11.0	69.9 -10.0 14.6	74.1 -18.1 18.9	78.4 -26.2 23.2	60.3 13.0 -23.7	59.6 9.7 -17.8	58.9 6.5 -11.8	58.2 3.2 -5.9	57.5 0.0 0.0	56.8 -1.2 11.0	56.0 -2.4 22.1	55.3 -3.6 33.1	54.5 -4.8 44.1	40.2 0.0 0.0	40.2 0.0 0.0	40.2 0.0 0.0	40.2 0.0 0.0
15	30.9 31.5 -17.3	37.1 23.0 -15.6	43.3 14.7 -13.8	49.6 6.5 -11.8	54.1 -0.7 -11.2	58.5 -7.6 -10.5	62.9 -15.2 -7.7	67.3 -22.5 -5.3	71.6 -29.9 -2.7	33.8 37.8 -12.2	39.8 28.9 -10.8	45.8 20.1 -9.4	51.9 11.5 -7.8	58.2 3.2 -5.9	62.7 -3.8 -5.3	67.0 -11.2 -2.7	71.4 -18.7 0.1	75.7 -26.4 3.3	37.6 46.0 -5.6	43.4 36.8 -4.5	49.3 27.6 -3.4	55.1 18.4 -2.3	61.0 9.2 -1.1	66.8 0.0 0.0	71.0 -8.2 4.2	75.3 -16.3 8.5	79.5 -24.5 12.7	51.7 16.2 -29.6	51.0 13.0 -23.7	50.3 9.7 -17.8	49.6 6.5 -11.8	48.9 3.2 -5.9	48.2 0.0 0.0	47.5 -1.2 11.0	46.8 -2.4 22.1	46.0 -3.6 33.1	45.2 0.0 0.0	45.2 0.0 0.0	45.2 0.0 0.0	45.2 0.0 0.0
16	31.5 34.5 -23.4	37.7 26.1 -21.6	44.0 17.9 -19.7	50.3 9.7 -17.8	55.1 2.1 -17.0	59.1 -4.2 -16.4	63.6 -11.4 -15.8	68.0 -19.1 -12.7	72.4 -26.4 -10.4	34.1 40.2 -18.8	40.2 31.5 -17.3	46.4 23.0 -15.6	52.6 14.7 -13.8	58.9 6.5 -11.8	63.4 -0.7 -11.2	67.8 -7.6 -10.5	72.1 -15.2 -7.7	76.5 -22.5 -5.3	37.2 46.8 -13.5	43.1 37.8 -12.2	49.1 28.9 -10.8	55.1 20.1 -9.4	61.2 11.5 -7.8	67.5 3.2 -5.9	71.9 -3.8 -5.3	76.3 -11.2 -2.7	80.7 -18.7 0.1	43.1 19.5 -35.5	42.4 16.2 -29.6	41.7 13.0 -23.7	41.0 9.7 -17.8	40.3 6.5 -11.8	39.7 3.2 -5.9	39.0 0.0 0.0	38.2 -1.2 11.0	37.5 -2.4 22.1	50.1 0.0 0.0	50.1 0.0 0.0	50.1 0.0 0.0	50.1 0.0 0.0
17	32.1 37.6 -29.4	38.4 29.4 -27.6	44.7 21.2 -25.6	51.0 13.0 -23.7	56.0 5.1 -22.9	60.1 -1.4 -22.3	64.1 -7.8 -21.7	68.8 -15.3 -21.0	73.1 -23.0 -17.8	34.6 43.0 -25.1	40.8 34.5 -23.4	47.0 26.1 -21.6	53.3 17.9 -19.7	59.6 9.7 -17.8	64.4 2.1 -17.0	68.4 -4.2 -16.4	72.9 -11.4 -15.8	77.2 -19.1 -12.7	37.4 49.0 -20.3	43.4 40.2 -18.8	49.5 31.5 -17.3	55.6 23.0 -15.6	61.9 14.7 -13.8	68.2 6.5 -11.8	72.7 -0.7 -11.2	77.1 -7.6 -10.5	81.4 -15.2 -7.7	34.5 22.7 -41.4	33.8 19.5 -35.5	33.1 16.2 -29.6	32.4 13.0 -23.7	31.8 9.7 -17.8	31.1 6.5 -11.8	30.4 3.2 -5.9	29.7 0.0 0.0	28.9 -1.2 11.0	55.1 0.0 0.0	55.1 0.0 0.0	55.1 0.0 0.0	55.1 0.0 0.0
18	32.8 40.8 -35.4	39.1 32.6 -33.5	45.4 24.4 -31.5	51.7 16.2 -29.6	56.8 8.1 -28.8	61.0 1.4 -28.2	65.0 -4.9 -27.6	69.1 -11.5 -27.0	73.9 -19.1 -26.3	35.2 46.0 -31.2	41.4 37.6 -29.4	47.7 29.4 -27.6	54.0 21.2 -25.6	60.3 13.0 -23.7	65.2 5.1 -22.9	69.3 -1.4 -22.3	73.4 -7.8 -21.7	78.0 -15.3 -21.0	37.8 51.6 -26.7	43.9 43.0 -25.1	50.1 34.5 -23.4	56.3 26.1 -21.6	62.6 17.9 -19.7	68.9 9.7 -17.8	73.6 2.1 -17.0	77.6 -4.2 -16.4	82.2 -11.4 -15.8	25.9 26.0 -47.4	25.2 22.7 -41.4	24.6 19.5 -35.5	23.9 16.2 -29.6	23.2 13.0 -23.7	22.5 9.7 -17.8	21.8 6.5 -11.8	21.1 3.2 -5.9	20.4 0.0 0.0	60.0 0.0 0.0	60.0 0.0 0.0	60.0 0.0 0.0	60.0 0.0 0.0
19	40.3 49.6 30.2	45.5 40.1 36.3	50.3 31.5 41.7	54.9 23.1 47.0	59.7 14.5 52.5	65.0 4.7 58.6	71.6 -7.2 66.2	74.6 -17.4 68.4	78.2 -26.5 71.7	43.6 57.9 35.2	48.9 48.3 41.4	53.7 39.5 46.9	58.3 31.2 52.2	63.0 22.7 57.5	67.9 13.8 63.1	73.5 3.7 69.5	80.1 -8.4 77.2	83.0 -18.7 79.3	46.9 66.2 40.3	52.3 56.5 46.4	57.1 47.6 52.0	61.8 39.2 57.4	66.4 30.9 62.6	71.1 22.3 68.1	76.2 13.0 73.9	81.9 2.7 80.4	88.7 -9.6 88.2	94.6 0.0 0.0	89.6 -8.2 4.2	84.5 -16.3 8.5	79.5 -24.5 12.7	74.4 -32.6 16.9	69.4 -40.8 21.2	64.3 -49.0 25.4	59.3 -57.1 29.6	54.2 -65.3 33.9	64.9 0.0 0.0	64.9 0.0 0.0	64.9 0.0 0.0	64.9 0.0 0.0
20	40.4 50.6 23.5	46.2 41.4 25.2	51.4 31.9 31.2	56.1 23.4 36.5	60.8 15.0 41.8	65.9 5.7 47.8	72.3 -6.0 55.1	75.4 -16.1 57.5	79.1 -25.0 61.0	43.7 58.9 28.5	49.5 49.6 30.2	54.8 40.1 36.3	59.6 31.5 41.7	64.2 23.1 47.0	68.9 14.5 52.5	74.3 4.7 58.6	80.9 -7.2 66.2	83.8 -17.4 68.4	47.0 67.2 33.6	52.9 57.9 35.2	58.2 48.3 41.4	63.0 39.5 46.9	67.6 31.2 52.2	72.2 22.7 57.5	77.2 13.8 63.1	82.7 3.7 69.5	89.4 -8.4 77.2	88.8 9.2 -1.1	85.4 0.0 0.0	80.3 -8.2 4.2	75.3 -16.3 8.5	70.2 -24.5 12.7	65.2 -32.6 16.9	60.1 -40.8 21.2	55.0 -49.0 25.4	50.0 -57.1 29.6	69.9 0.0 0.0	69.9 0.0 0.0	69.9 0.0 0.0	69.9 0.0 0.0
21	40.5 51.6 17.3	46.4 42.4 18.6	52.2 33.1 20.1	57.3 23.8 26.0	61.9 15.4 31.3	66.9 6.5 36.9	73.1 -4.8 44.1	76.2 -14.7 46.6	80.1 -23.5 50.3	43.9 59.9 22.2	49.7 50.6 23.5	55.5 41.4 25.2	60.7 31.9 31.2	65.4 23.4 36.5	70.0 15.0 41.8	75.2 5.7 47.8	81.6 -6.0 55.1	84.7 -16.1 57.5	47.2 68.1 27.2	53.0 58.9 28.5	58.8 49.6 30.2	64.1 40.1 36.3	68.8 31.5 41.7	73.4 23.1 47.0	78.2 14.5 52.5	83.6 4.7 58.6	90.2 -7.2 66.2	83.0 18.4 -2.3	79.5 9.2 -1.1	76.1 0.0 0.0	71.0 -8.2 4.2	66.0 -16.3 8.5	60.9 -24.5 12.7	55.9 -32.6 16.9	50.8 -40.8 21.2	45.8 -49.0 25.4	74.8 0.0 0.0	74.8 0.0 0.0	74.8 0.0 0.0	74.8 0.0 0.0
22	40.7 52.5 11.3	46.5 43.3 12.4	52.3 34.1 13.6	58.2 24.8 15.1	63.2 15.7 20.8	67.9 7.2 26.2	73.8 -3.6 33.1	77.1 -13.3 35.8	81.1 -21.8 39.7	44.0 60.8 16.2	49.8 51.6 17.3	55.7 42.4 18.6	61.5 33.1 20.1	66.6 23.8 26.0	71.2 15.4 31.3	76.1 6.5 36.9	82.4 -4.8 44.1	85.5 -14.7 46.6	47.3 69.1 21.1	53.1 59.9 22.2	59.0 50.6 23.5	64.8 41.4 25.2	70.0 31.9 31.2	74.7 23.4 36.5	79.3 15.0 41.8	84.5 5.7 47.8	90.9 -6.0 55.1	77.1 27.6 -3.4	73.7 18.4 -2.3	70.2 9.2 -1.1	66.8 0.0 0.0	61.8 -8.2 4.2	56.7 -16.3 8.5	51.6 -24.5 12.7	46.6 -32.6 16.9	41.5 -40.8 21.2	79.8 0.0 0.0	79.8 0.0 0.0	79.8 0.0 0.0	79.8 0.0 0.0
23	40.8 53.3 5.4	46.6 44.2 6.5	52.5 35.0 7.5	58.3 25.8 8.7	64.1 16.5 10.1	69.0 7.7 15.7	74.6 -2.4 22.1	78.1 -11.7 25.1	82.2 -20.0 29.2	44.1 61.6 10.2	49.9 52.5 11.3	55.8 43.3 12.4	61.6 34.1 13.6	67.5 24.8 15.1	72.5 15.7 20.8	77.1 7.2 26.2	83.1 -3.6 33.1	86.4 -13.3 35.8	47.4 69.9 15.1	53.3 60.8 16.2	59.1 51.6 17.3	64.9 42.4 18.6	70.8 33.1 20.1	75.9 23.8 26.0	80.5 15.4 31.3	85.4 6.5 36.9	91.6 -4.8 44.1	71.3 36.8 -4.5	67.8 27.6 -3.4	64.4 18.4 -2.3	61.0 9.2 -1.1	57.5 0.0 0.0	52.5 -8.2 4.2	47.4 -16.3 8.5	42.4 -24.5 12.7	37.3 -32.6 16.9	84.7 0.0 0.0	84.7 0.0 0.0	84.7 0.0 0.0	84.7 0.0 0.0
24	40.9 54.2 -0.6	46.8 45.0 0.5	52.6 35.9 1.6	58.4 26.7 2.7	64.3 17.5 3.8	70.1 8.3 5.0	75.3 -1.2 11.0	79.2 -10.0 14.6	83.4 -18.1 18.9	44.2 62.5 4.3	50.1 53.3 5.4	55.9 44.2 6.5	61.7 35.0 7.5	67.6 25.8 8.7	73.4 16.5 10.1	78.3 7.7 15.7	83.9 -2.4 22.1	87.4 -11.7 25.1	47.5 70.8 9.2	53.4 61.6 10.2	59.2 52.5 11.3	65.1 43.3 12.4	70.9 34.1 13.6	76.7 24.8 15.1	81.7 15.7 20.8	86.4 7.2 26.2	92.4 -3.6 33.1	65.4 46.0 -5.6	62.0 36.8 -4.5	58.6 27.6 -3.4	55.1 18.4 -2.3	51.7 9.2 -1.1	48.2 0.0 0.0	43.2 -8.2 4.2	38.1 -16.3 8.5	33.1 -24.5 12.7	89.7 0.0 0.0	89.7 0.0 0.0	89.7 0.0 0.0	89.7 0.0 0.0
25	41.0 55.1 -6.8	46.9 46.0 -5.6	52.7 36.8 -4.5	58.6 27.6 -3.4	64.4 18.4 -2.3	70.2 9.2 -1.1	76.1 0.0 0.0	80.3 -8.2 4.2	84.5 -16.3 8.5	44.4 63.4 -1.7	50.2 54.2 -0.6	56.0 45.0 0.5	61.9 35.9 1.6	67.7 26.7 2.7	73.6 17.5 3.8	79.4 8.3 5.0	84.6 -1.2 11.0	88.4 -10.0 14.6	47.7 71.7 3.2	53.5 62.5 4.3	59.3 53.3 5.4	65.2 44.2 6.5	71.0 35.0 7.5	76.9 25.8 8.7	82.7 16.5 10.1	87.6 7.7 15.7	93.1 -2.4 22.1	59.6 55.1 -6.8	56.2 46.0 -5.6	52.7 36.8 -4.5	49.3 27.6 -3.4	45.8 18.4 -2.3	42.4 9.2 -1.1	39.0 0.0 0.0	33.9 -8.2 4.2	28.9 -16.3 8.5	94.6 0.0 0.0	94.6 0.0 0.0	94.6 0.0 0.0	94.6 0.0 0.0
26	40.6 55.9 -14.7	46.5 46.8 -13.5	52.4 37.8 -12.2	58.4 28.9 -10.8	64.4 20.1 -9.4	70.5 11.5 -7.8	76.8 3.2 -5.9	81.2 -3.8 -5.3	85.6 -11.2 -2.7	44.5 64.3 -7.9	50.3 55.1 -6.8	56.2 46.0 -5.6	62.0 36.8 -4.5	67.8 27.6 -3.4	73.7 18.4 -2.3	79.5 9.2 -1.1	85.4 0.0 0.0	89.6 -8.2 4.2	47.8 72.6 -2.8	53.6 63.4 -1.7	59.5 54.2 -0.6	65.3 45.0 0.5	71.2 35.9 1.6	77.0 26.7 2.7	82.8 17.5 3.8	88.7 8.3 5.0	93.9 -1.2 11.0	53.8 64.3 -7.9	50.3 55.1 -6.8	46.9 46.0 -5.6	43.4 36.8 -4.5	40.0 27.6 -3.4	36.6 18.4 -2.3	33.1 9.2 -1.1	29.7 0.0 0.0	24.6 -8.2 4.2	20.4 0.0 0.0	46.9 66.2 40.3	88.7 -9.6 88.2	54.2 -65.3 33.9
27	40.7 57.8 -21.7	46.7 49.0 -20.3	52.7 40.2 -18.8	58.8 31.5 -17.3	64.9 23.0 -15.6	71.2 14.7 -13.8	77.5 6.5 -11.8	82.0 -0.7 -11.2	86.3 -7.6 -10.5	44.0 65.0 -15.9	49.8 55.9 -14.7	55.8 46.8 -13.5	61.7 37.8 -12.2	67.6 28.9 -10.8	73.7 20.1 -9.4	79.8 11.5 -7.8	86.1 3.2 -5.9	90.5 -3.8 -5.3	47.9 73.5 -9.0	53.8 64.3 -7.9	59.6 55.1 -6.8	65.4 46.0 -5.6	71.3 36.8 -4.5	77.1 27.6 -3.4	83.0 18.4 -2.3	88.8 9.2 -1.1	94.6 0.0 0.0	47.9 73.5 -9.0	44.5 64.3 -7.9	41.0 55.1 -6.8	37.6 46.0 -5.6	34.2 36.8 -4.5	30.7 27.6 -3.4	27.3 18.4 -2.3	23.8 9.2 -1.1	20.4 0.0 0.0	94.6 0.0 0.0	61.4 -30.5 -42.0	25.9 26.0 -47.4	47.9 73.5 -9.0

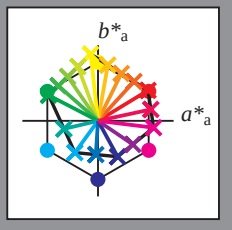
See for similar files: http://www.ps.bam.de/Ee69/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee69/10L/L69E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

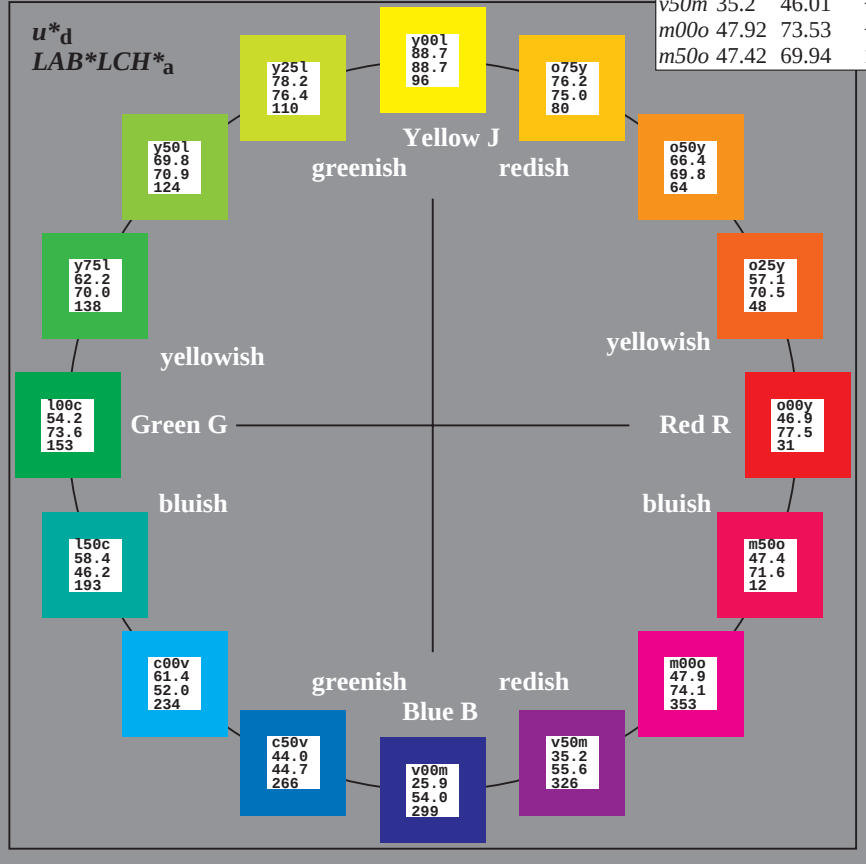
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*

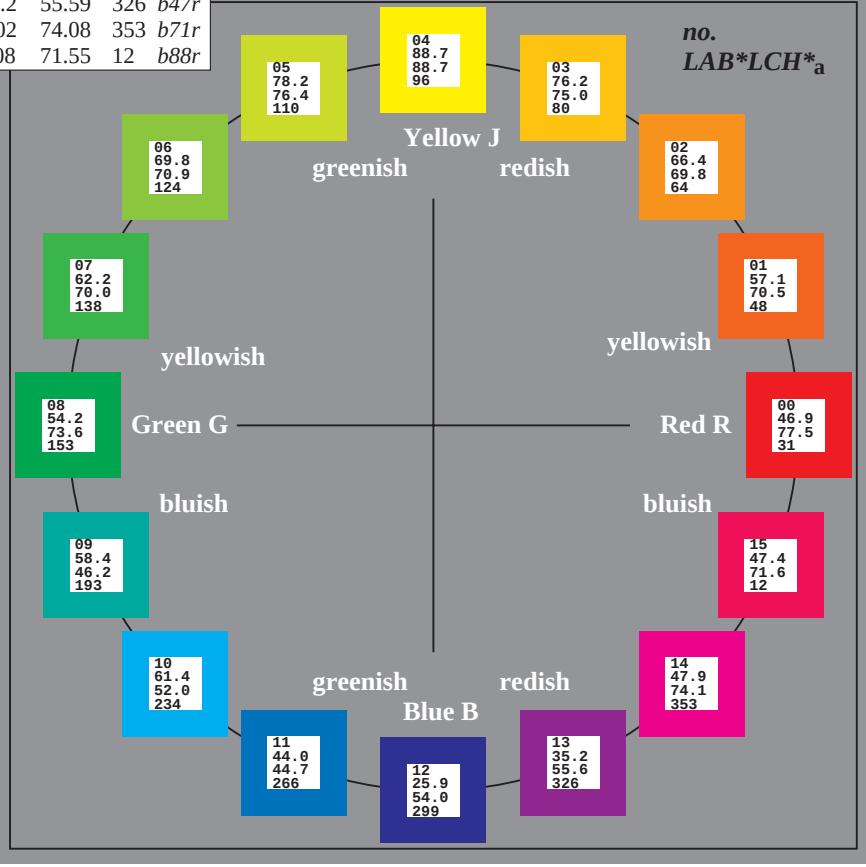


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

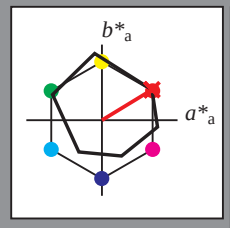
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.087**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r09j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

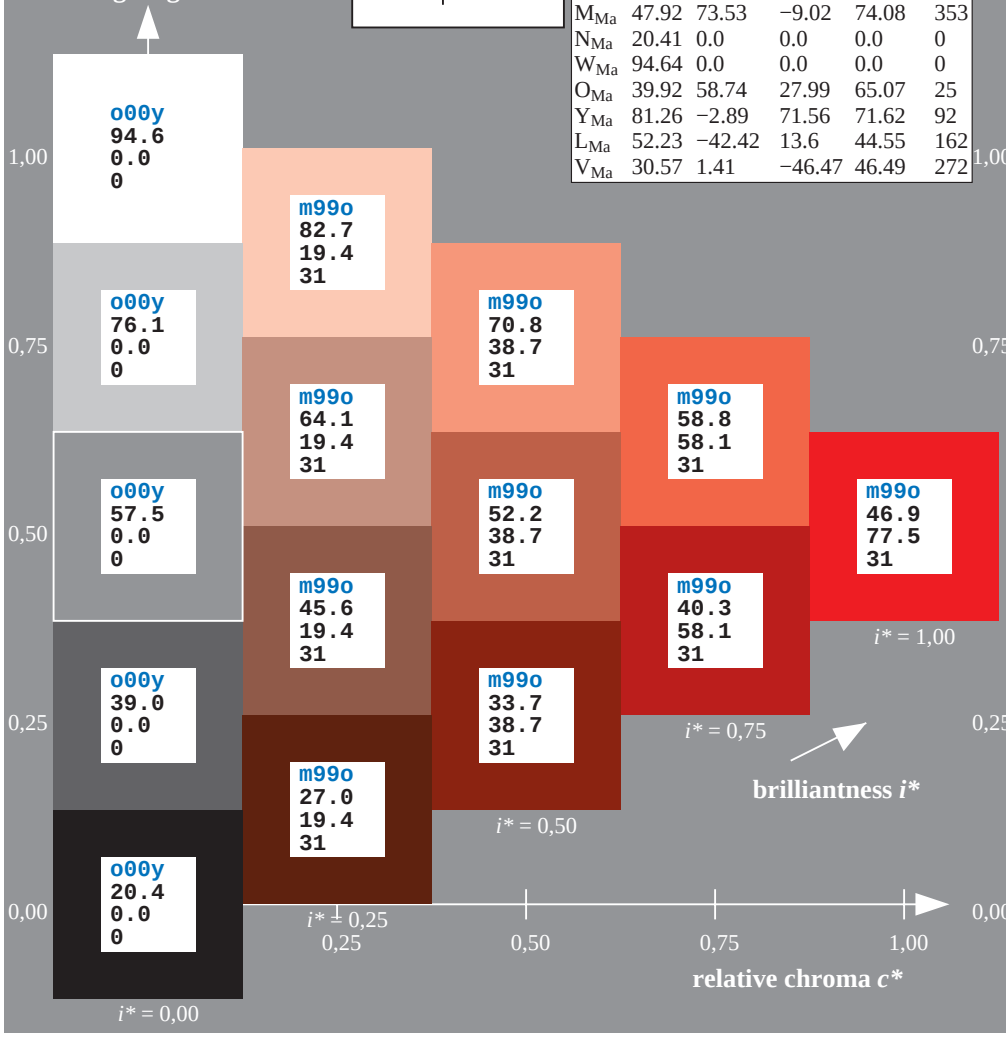
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

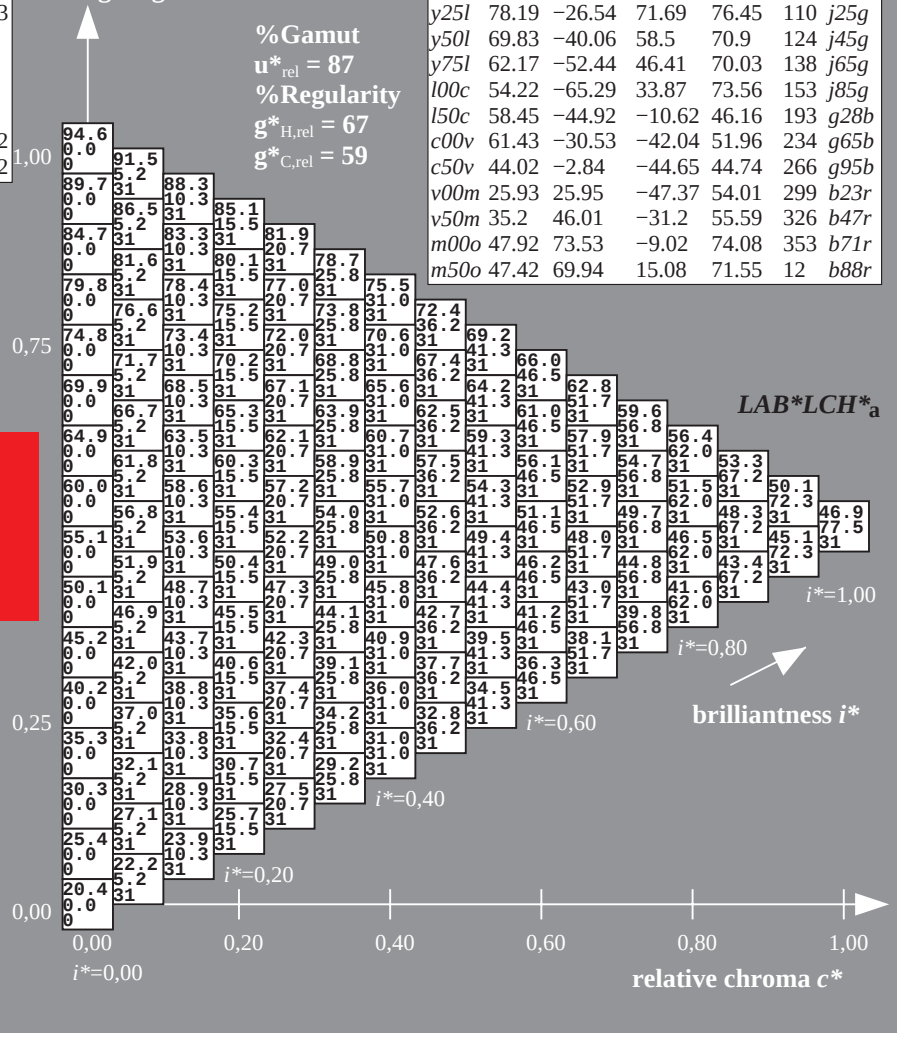
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 47 66 40
*LAB*LCH**$_{Ma}$: 47 77 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

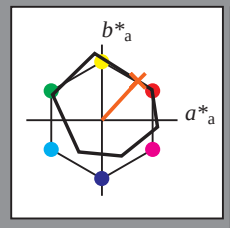
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

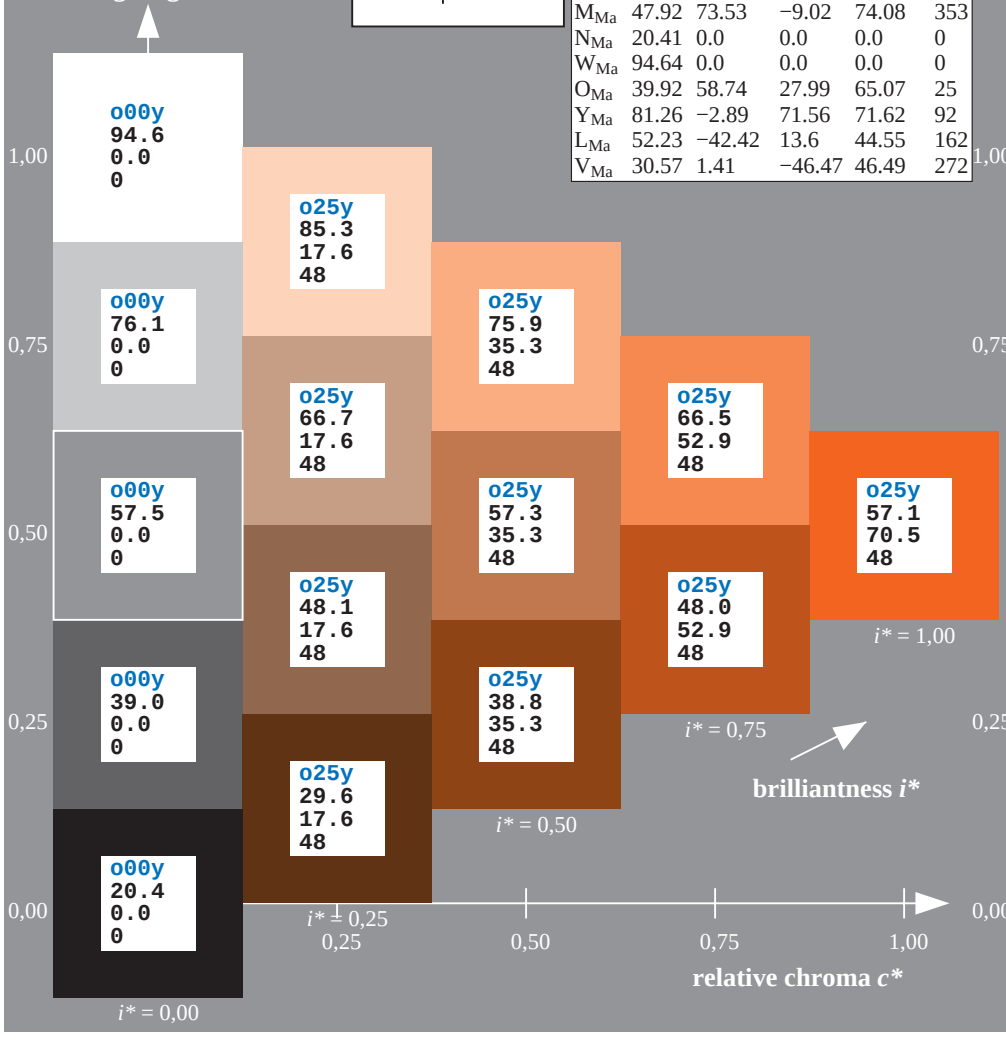
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 57 48 52
*LAB*LCH**$_{Ma}$: 57 71 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

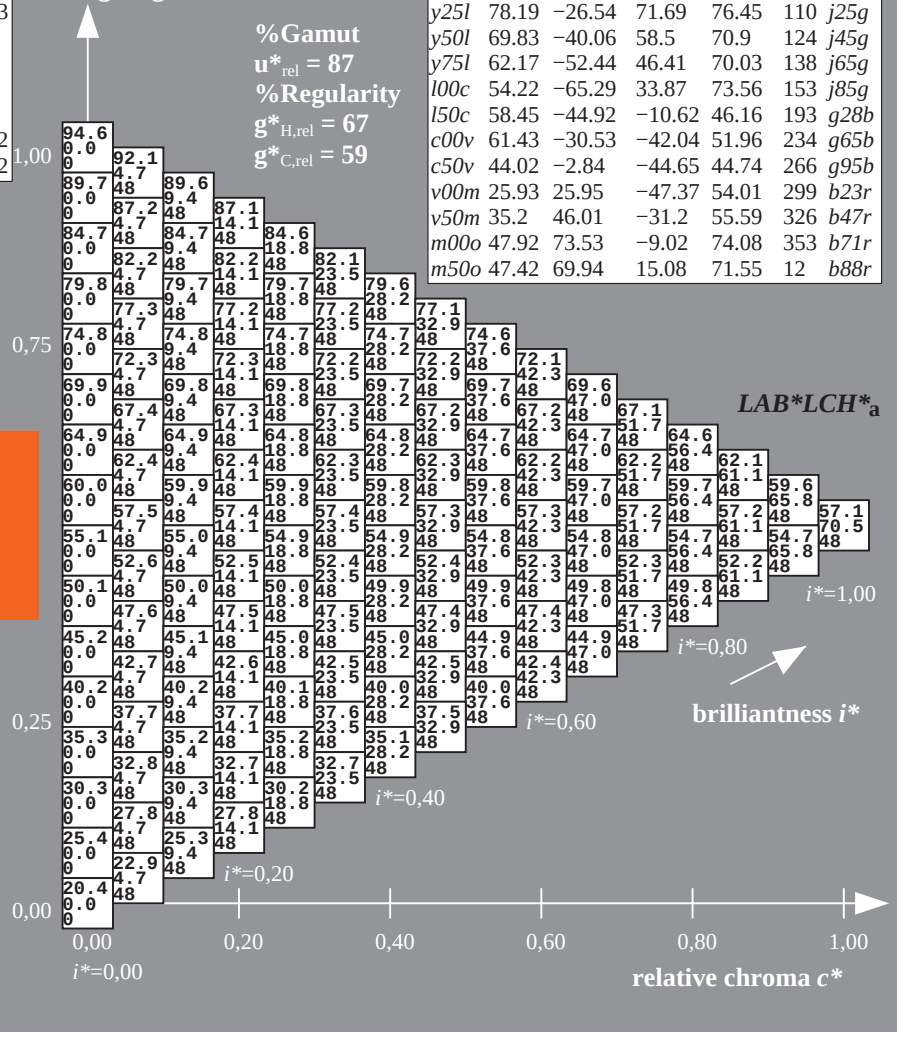
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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 = o25y*
*LAB*LCH*a*



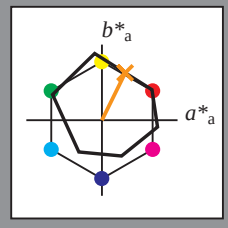
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

*LAB*LCH*a*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.177**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



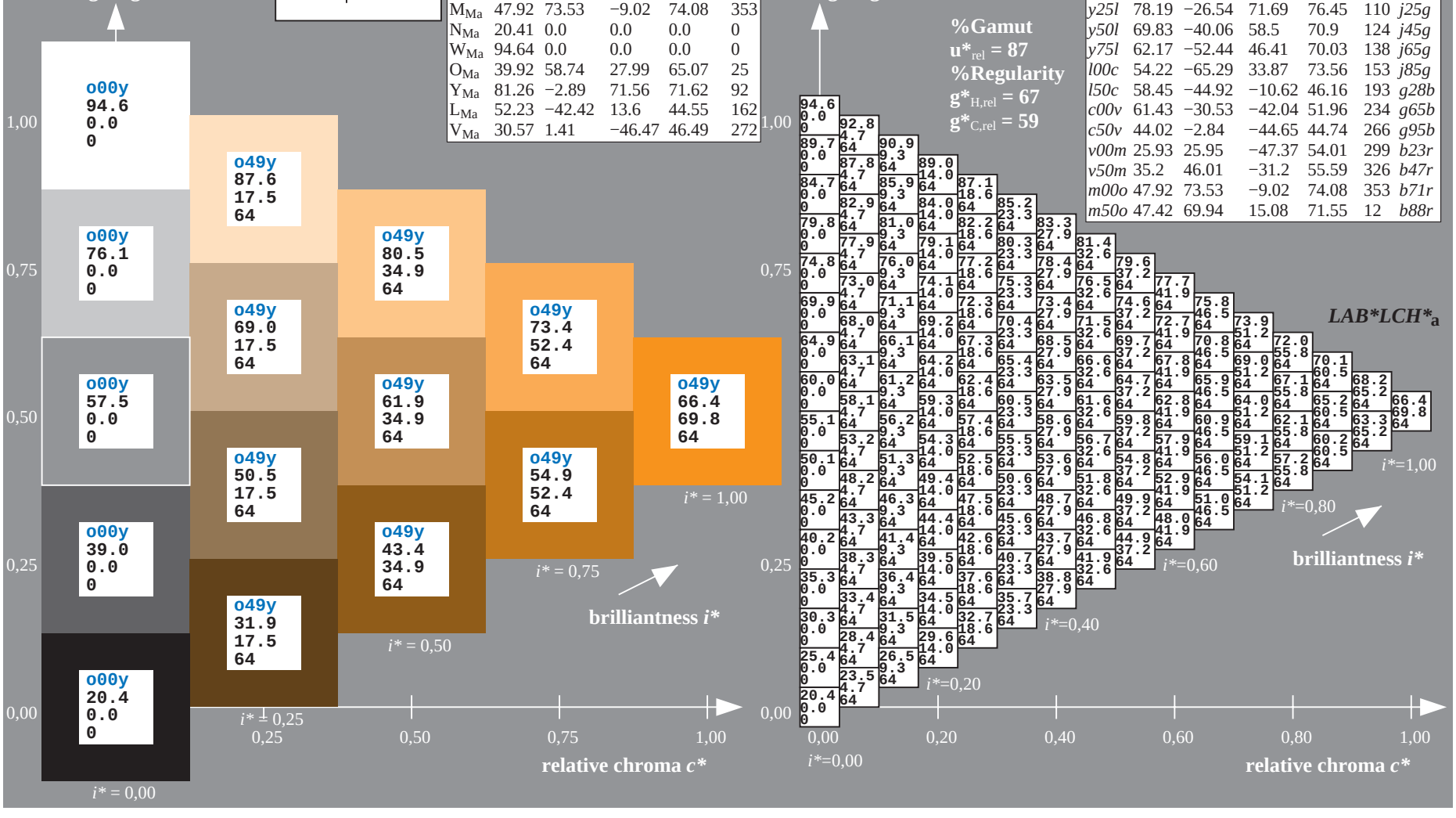
ORS20_95a; adapted (a) CIELAB data

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**$_{Ma}$: 66 31 63
*LAB*LCH**$_{Ma}$: 66 70 63
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.57 0.0
triangle lightness *t**

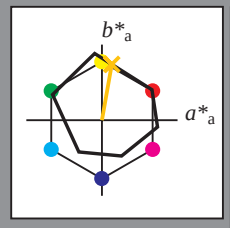
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.222**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



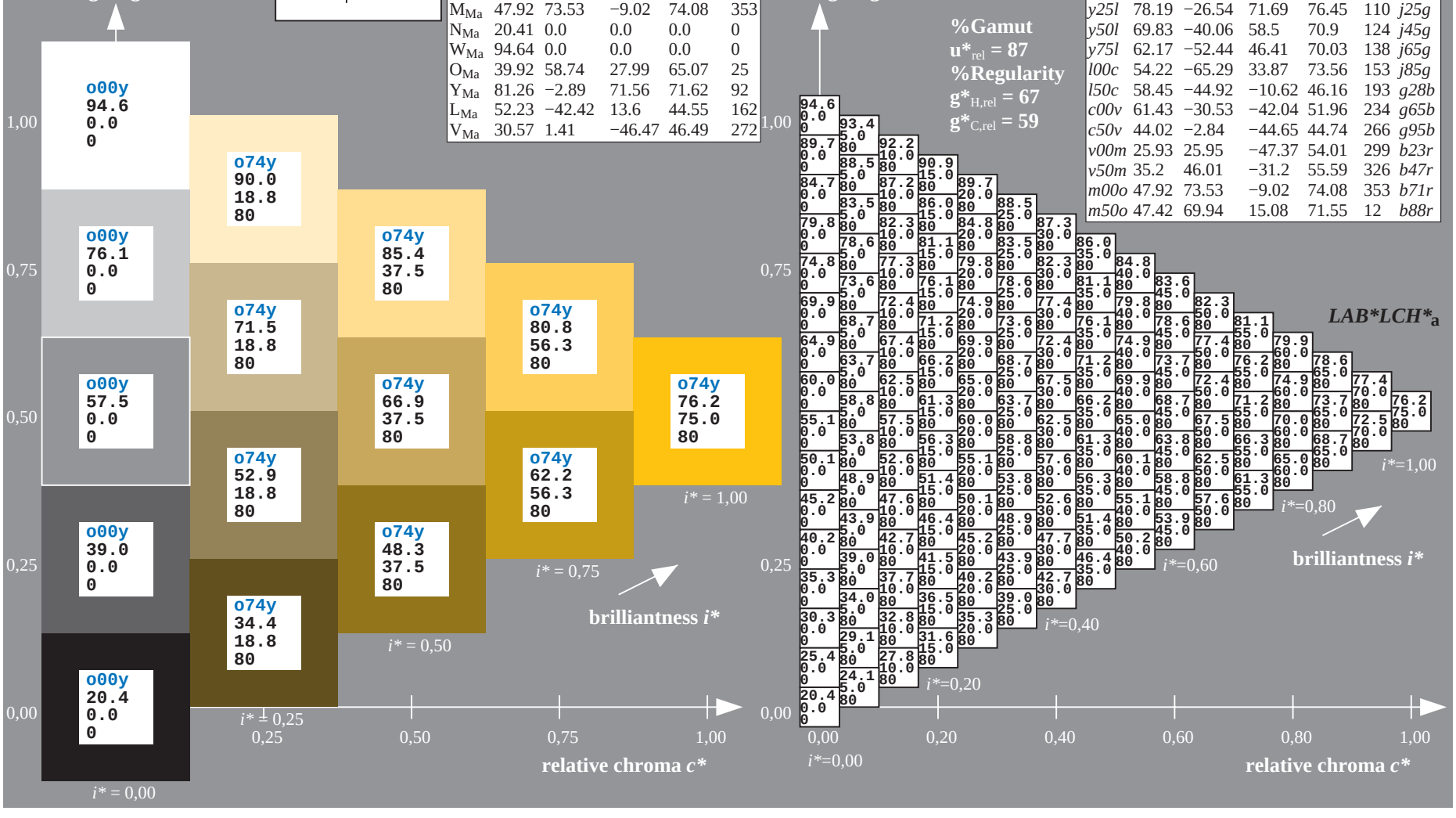
ORS20_95a; adapted (a) CIELAB data

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**$_{Ma}$: 76 13 74
*LAB*LCH**$_{Ma}$: 76 75 79
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

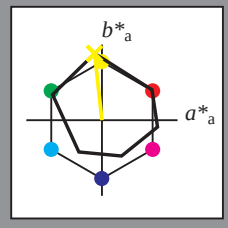
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.267**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

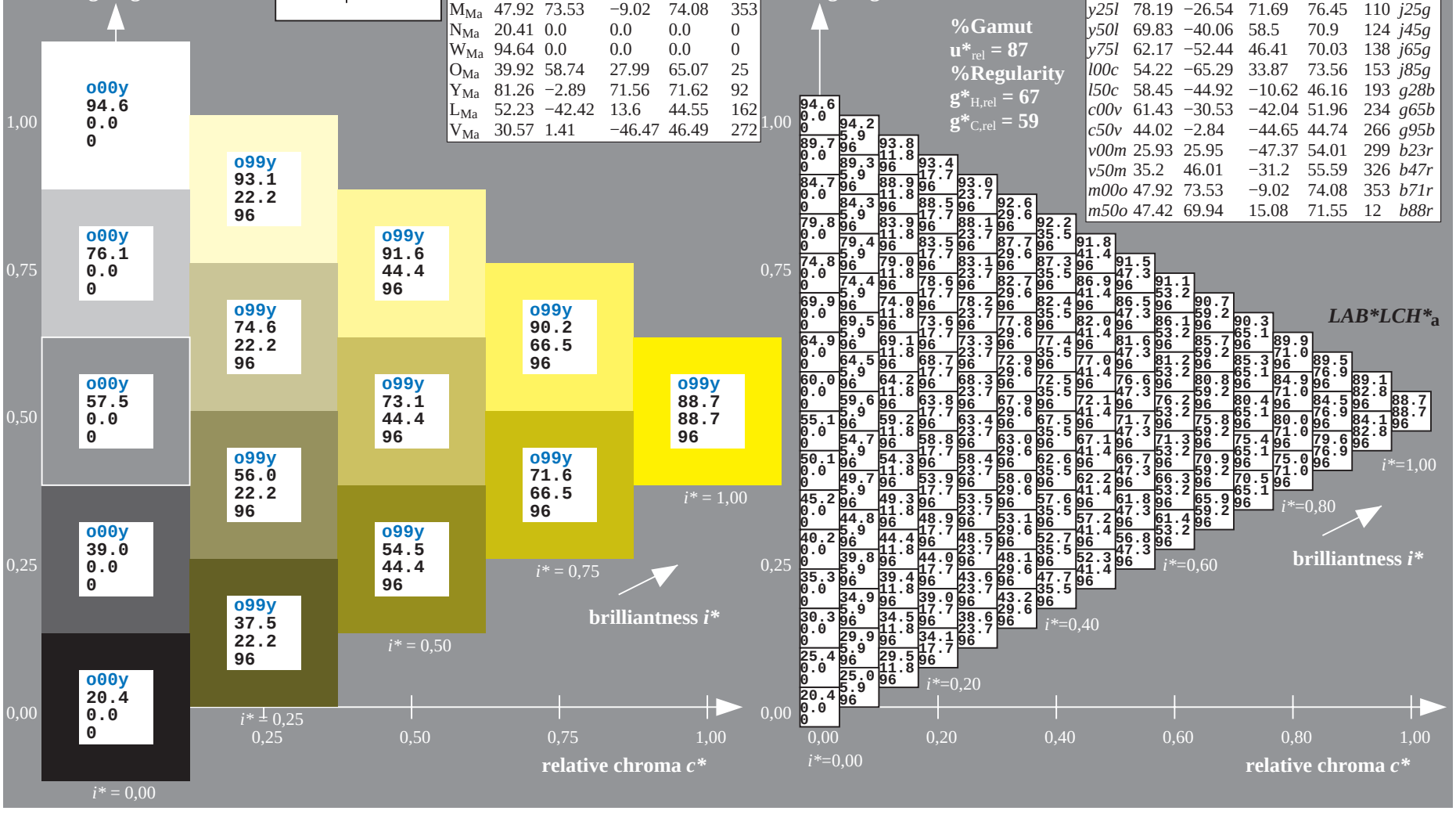
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 89 −10 88
*LAB*LCH**$_{Ma}$: 89 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

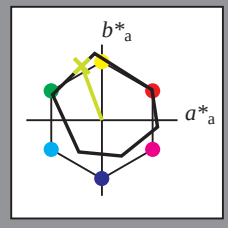
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.306**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

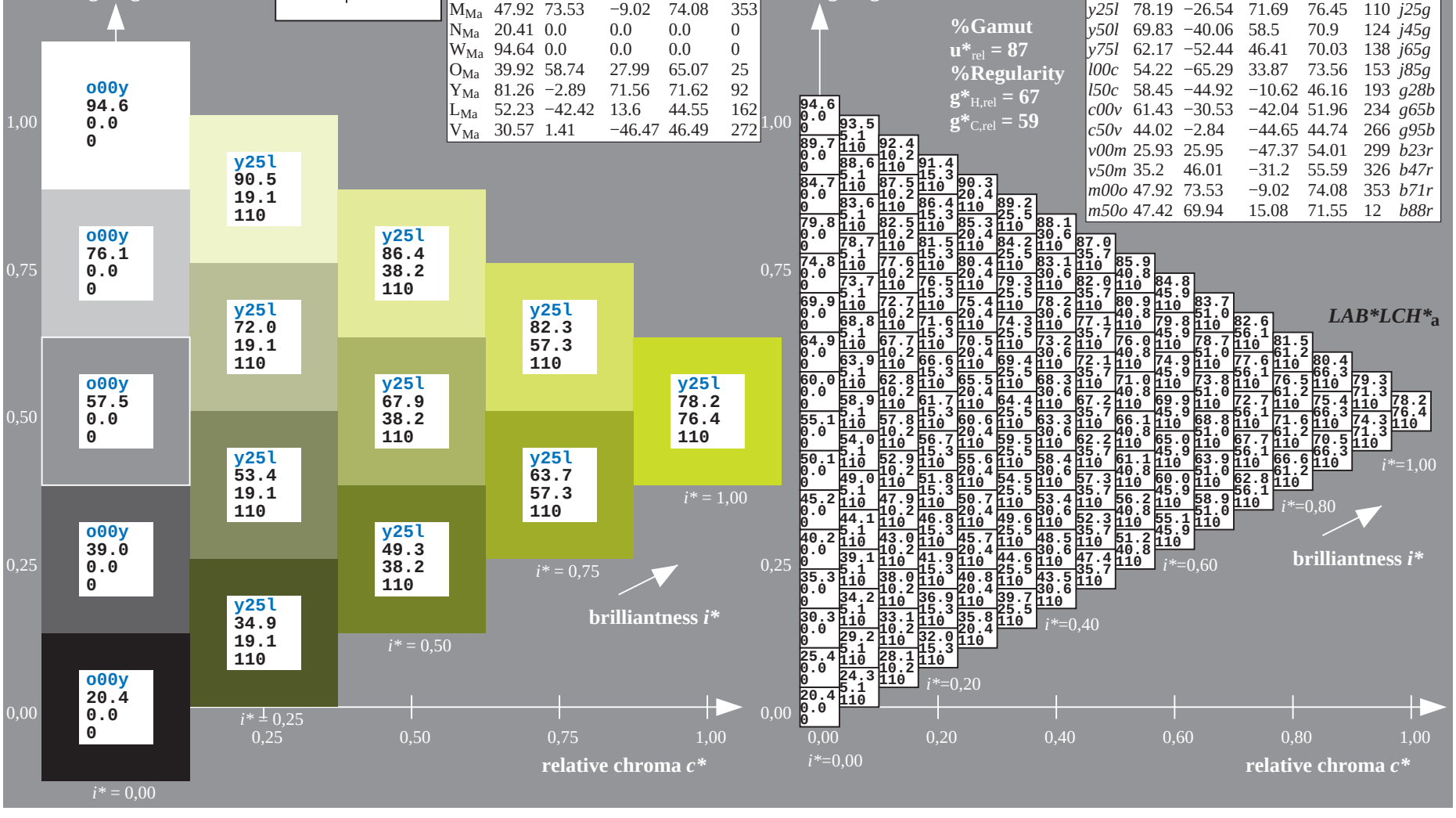
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 78 −27 72
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.74 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

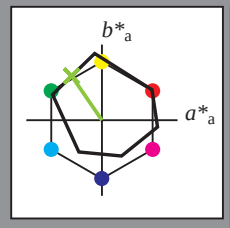
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.346**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j45g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

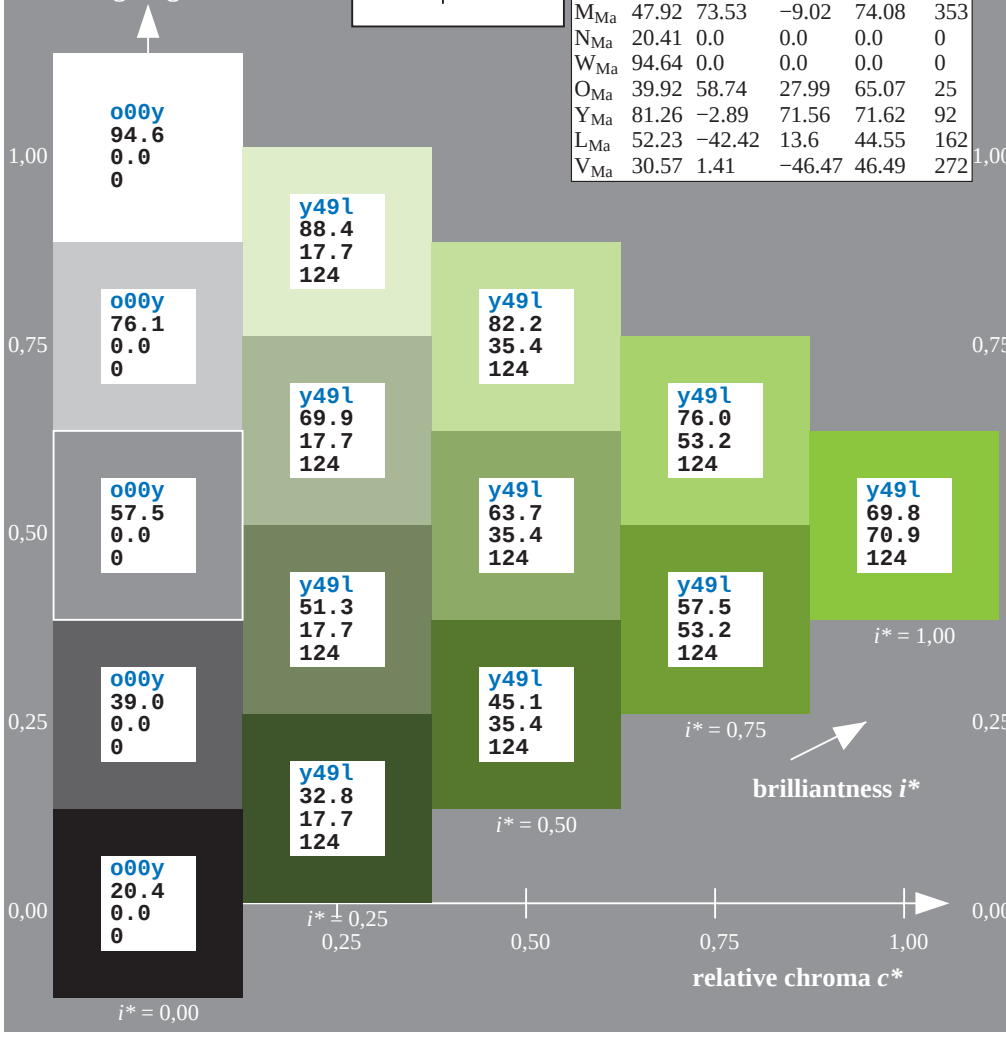
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

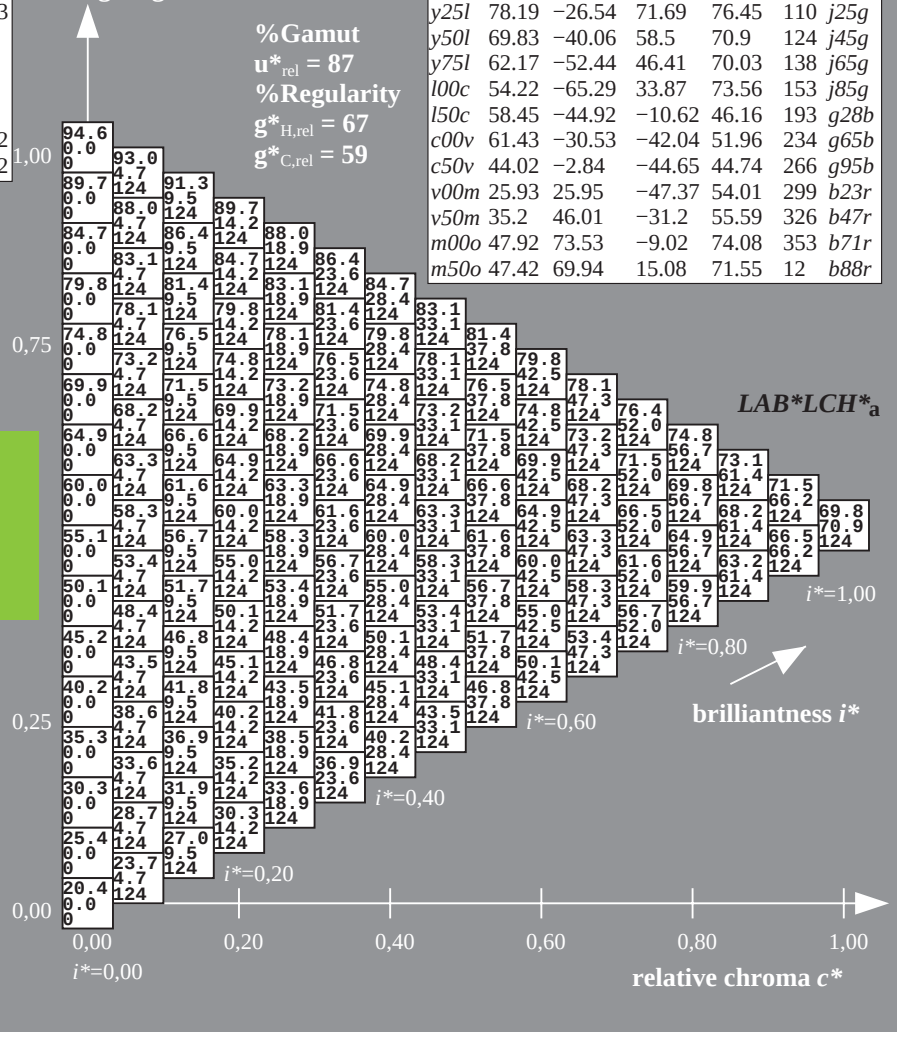
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 70 −40 58
*LAB*LCH**$_{Ma}$: 70 71 124
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.54 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

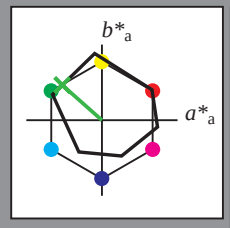
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.385**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j65g*
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

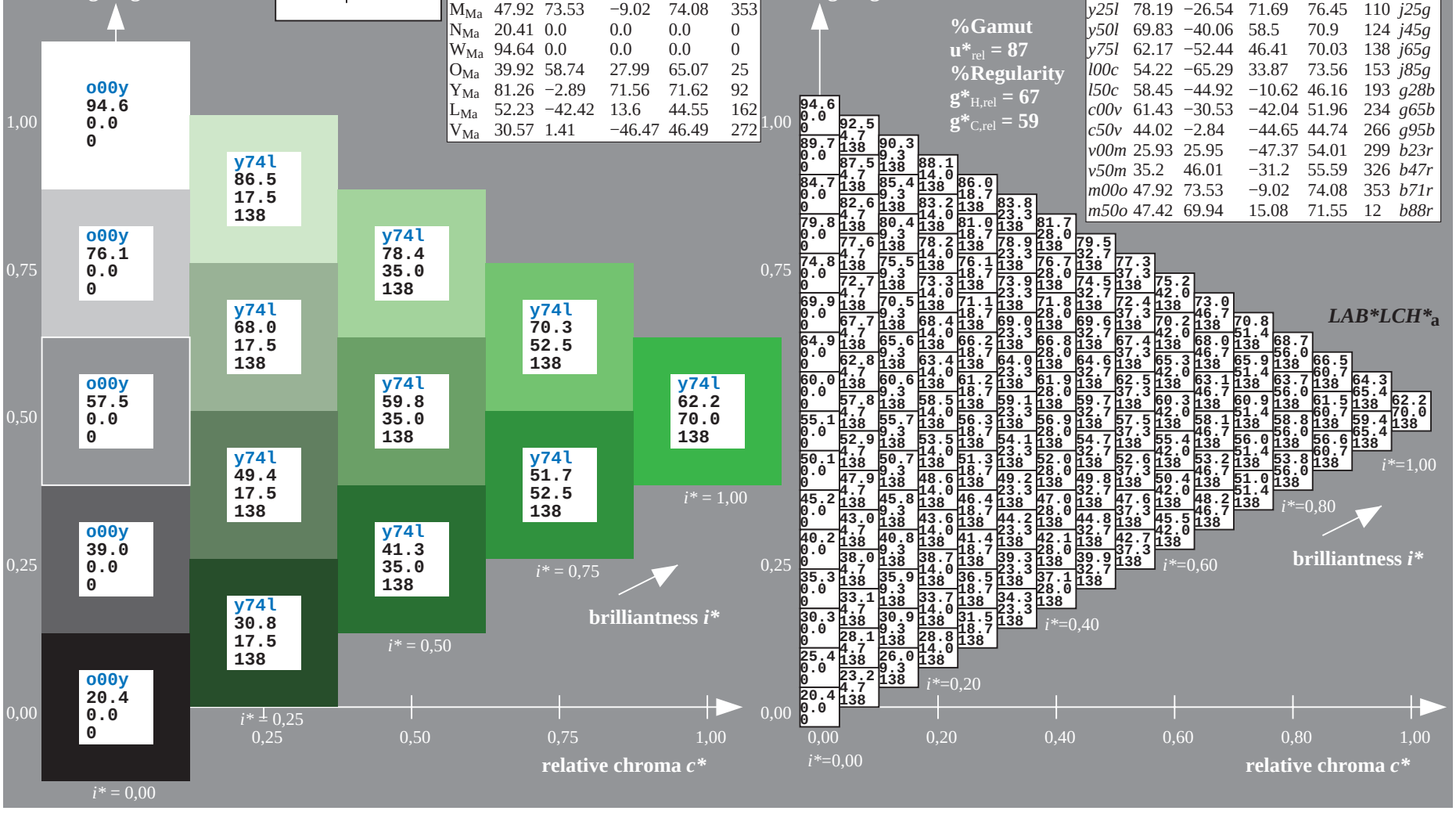
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 −52 46
*LAB*LCH**$_{Ma}$: 62 70 138
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.34 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *y75l*
LAB*LCH*a

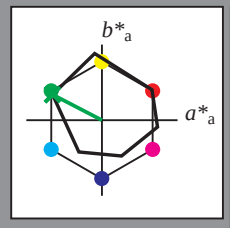
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.424**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j85g*
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

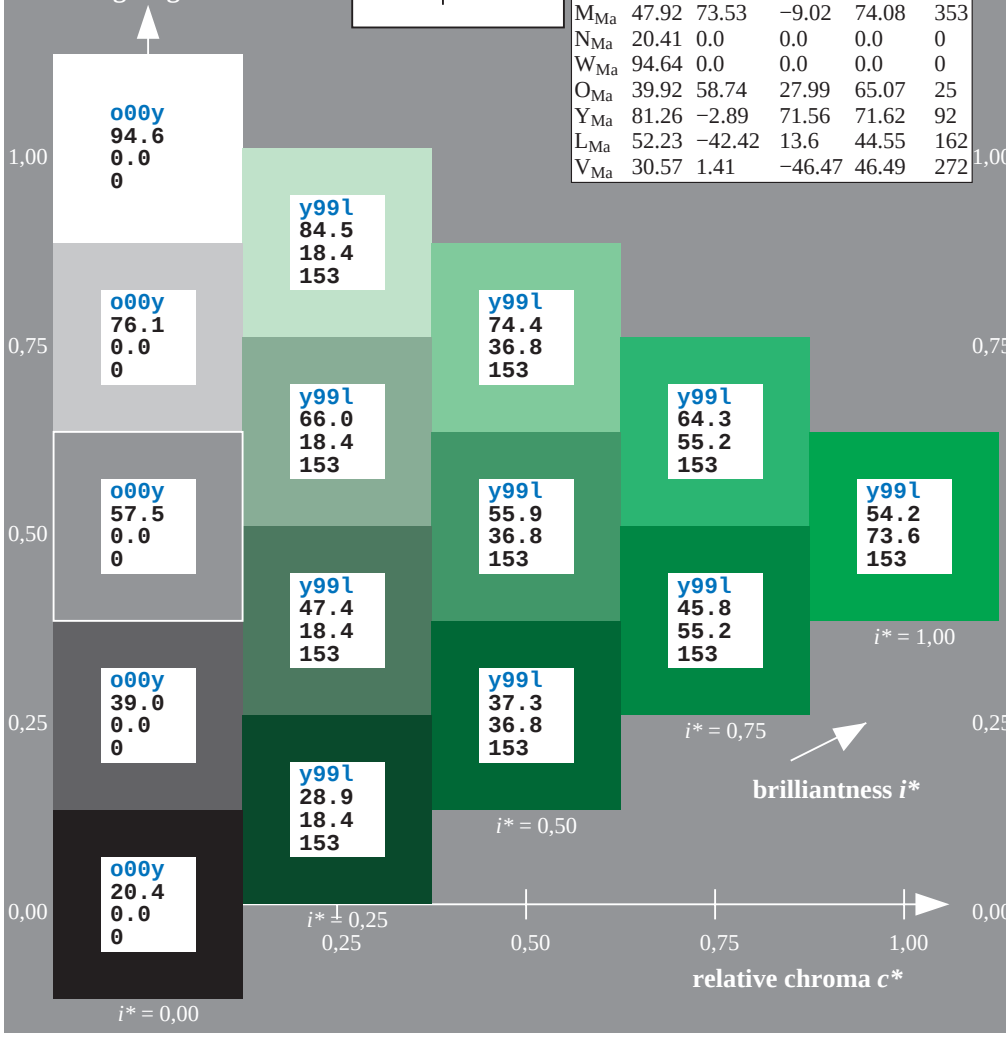
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 54 −65 34
*LAB*LCH**$_{Ma}$: 54 74 152
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.14 1.0 0.0
triangle lightness *t**

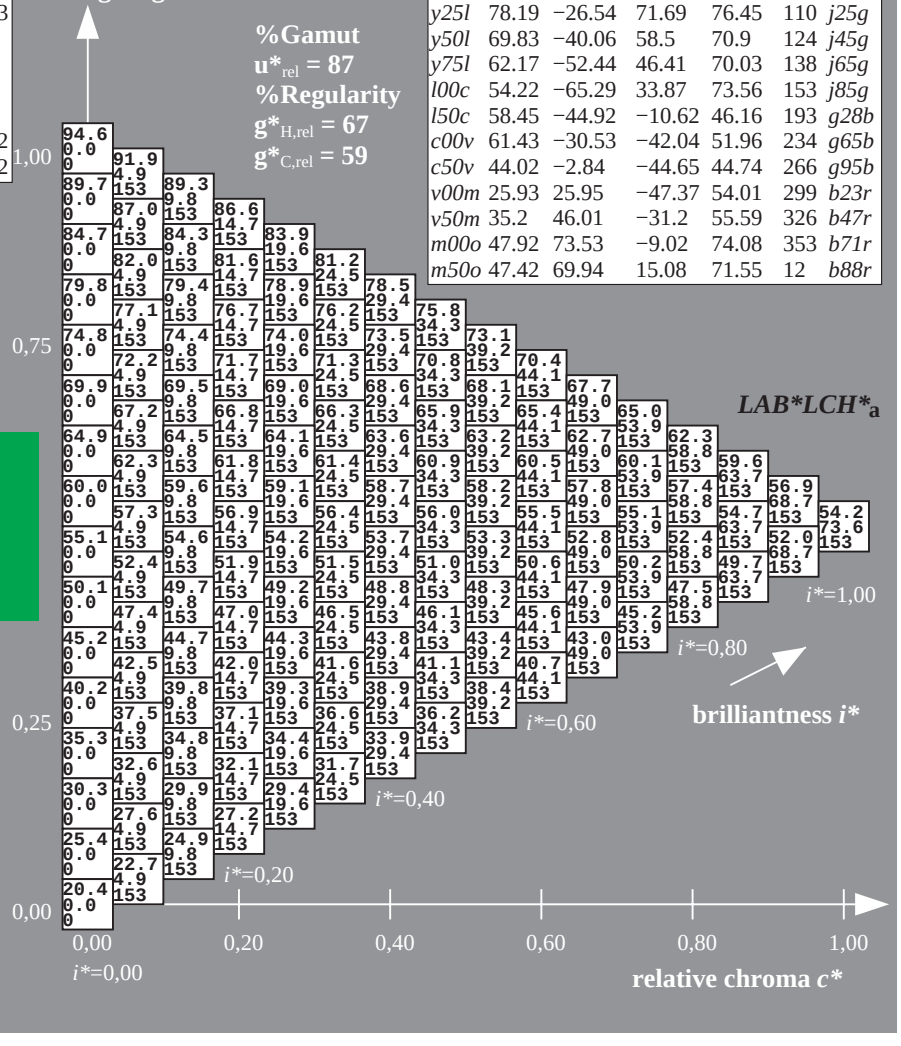
ORS20_95a; adapted (a) CIELAB data

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

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

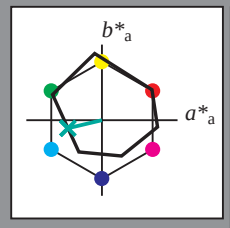
*LAB*LCH**$_a$





Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.537**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

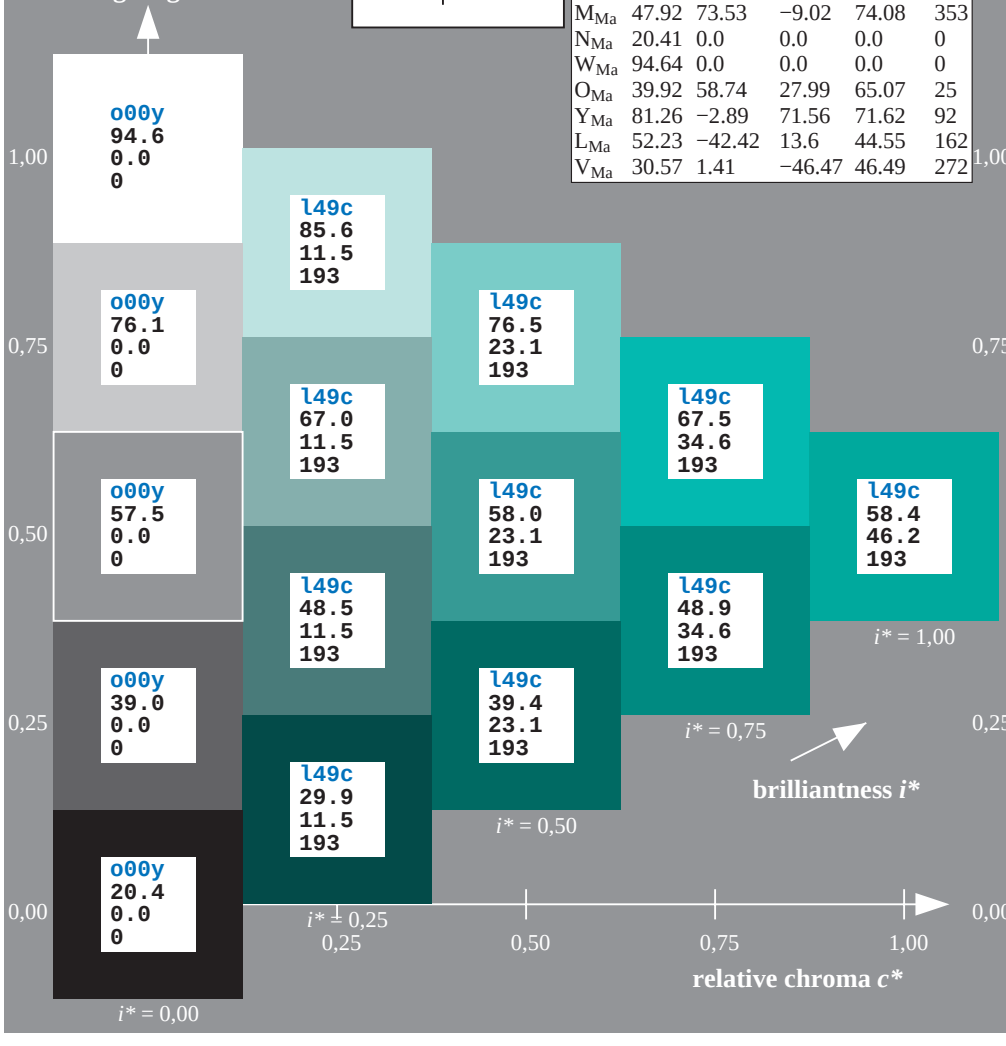
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

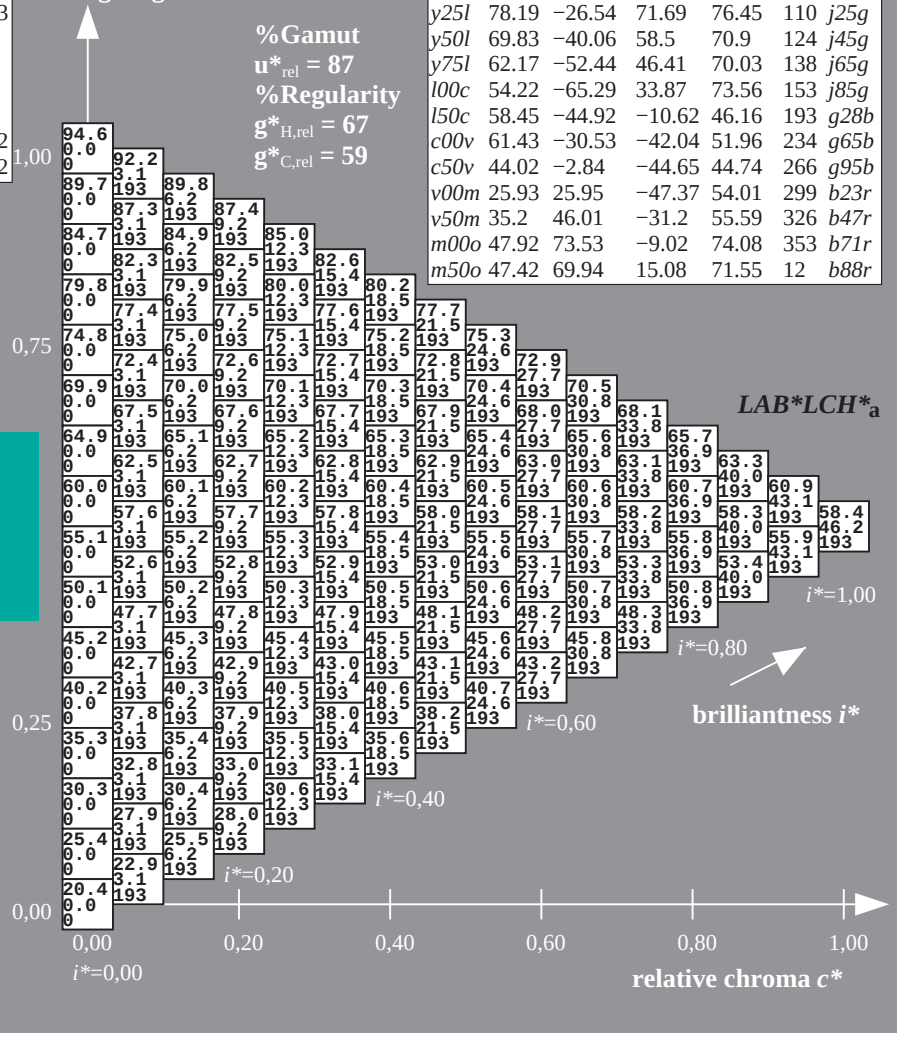
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 58 −45 −11
*LAB*LCH**$_{Ma}$: 58 46 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

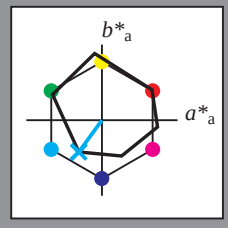
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.65$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g65b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



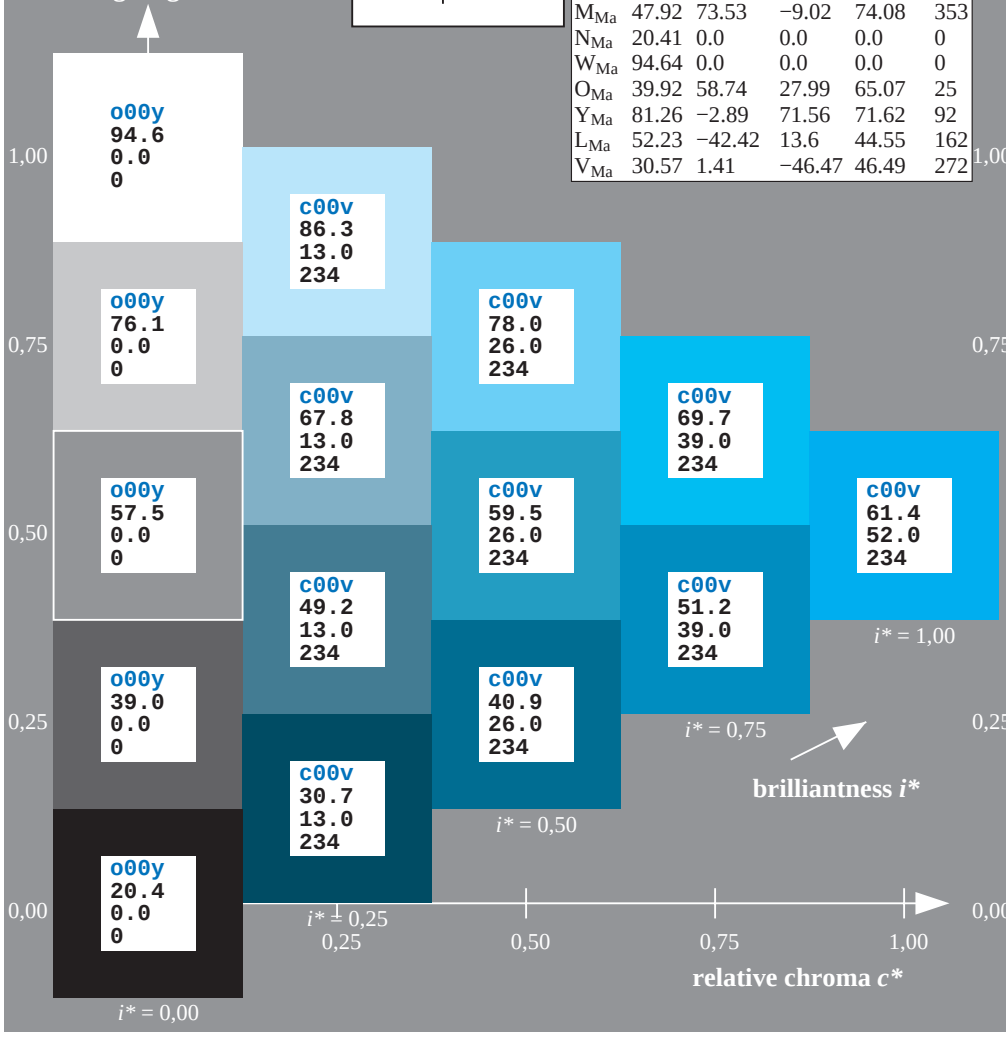
ORS20_95a; adapted (a) CIELAB data

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

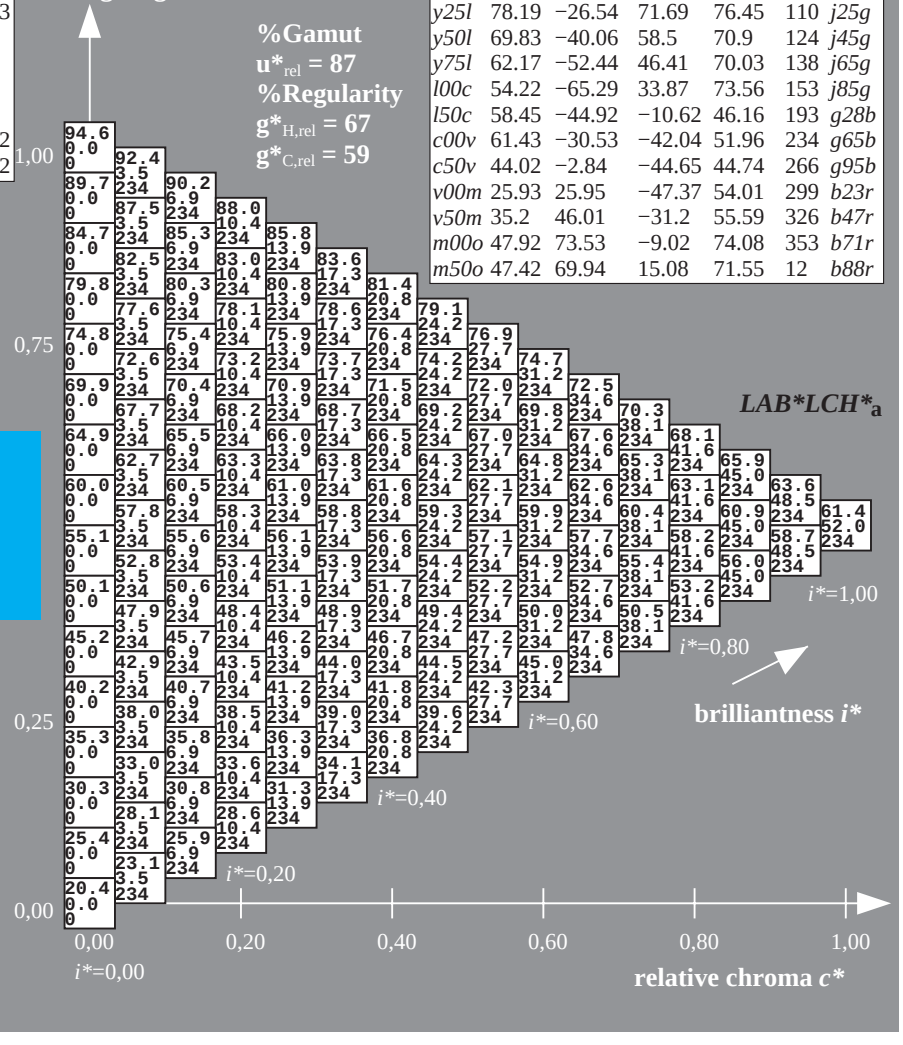
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 61 −31 −42
*LAB*LCH**$_{Ma}$: 61 52 234
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.69 1.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

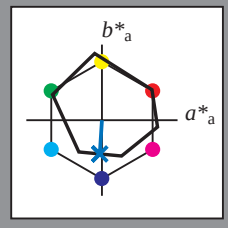


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.74**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g95b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



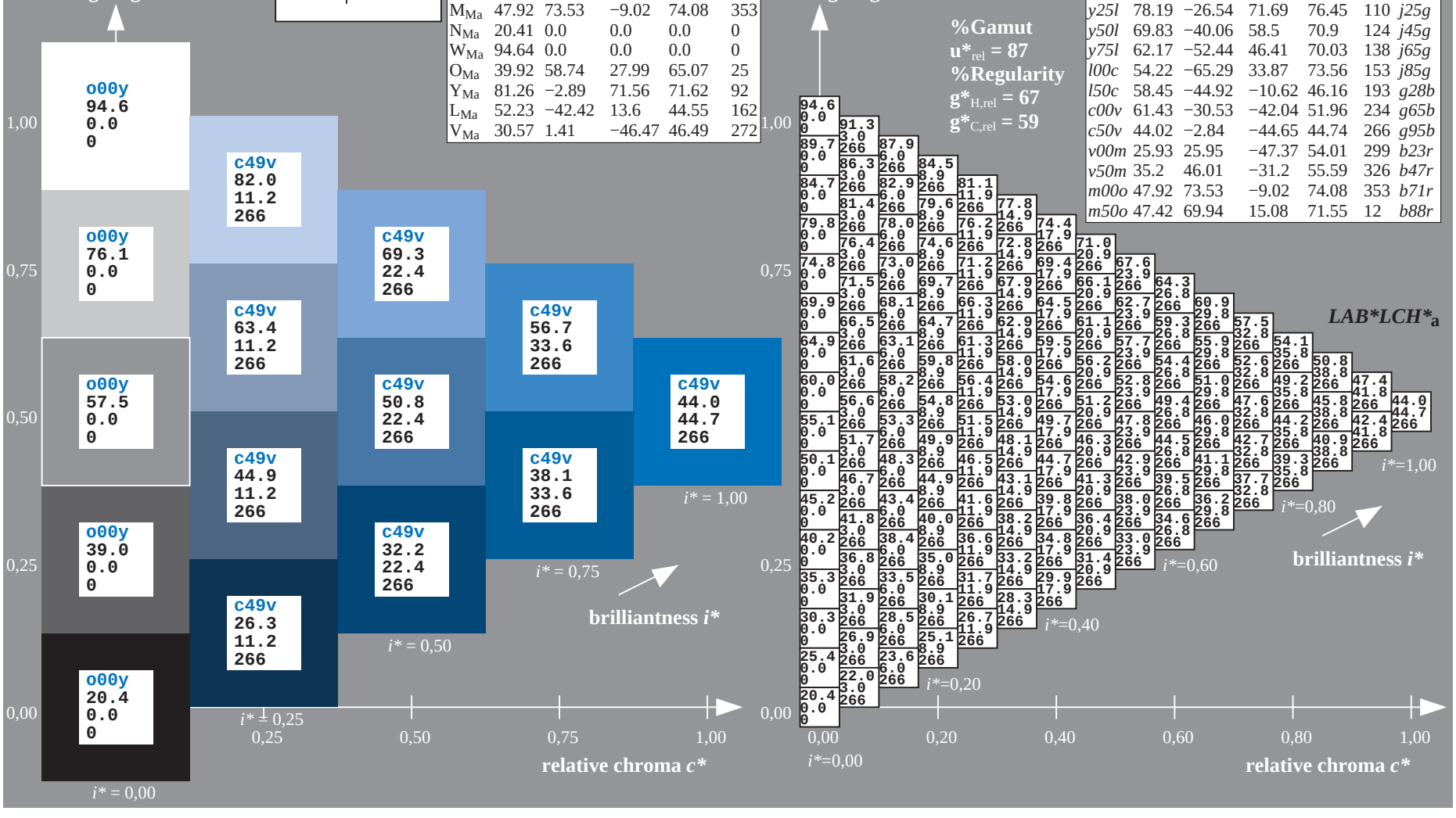
ORS20_95a; adapted (a) CIELAB data

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**$_{Ma}$: 44 −3 −45
*LAB*LCH**$_{Ma}$: 44 45 266
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.1 1.0
triangle lightness *t**

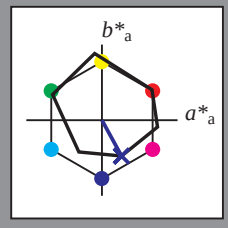
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
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_95a 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

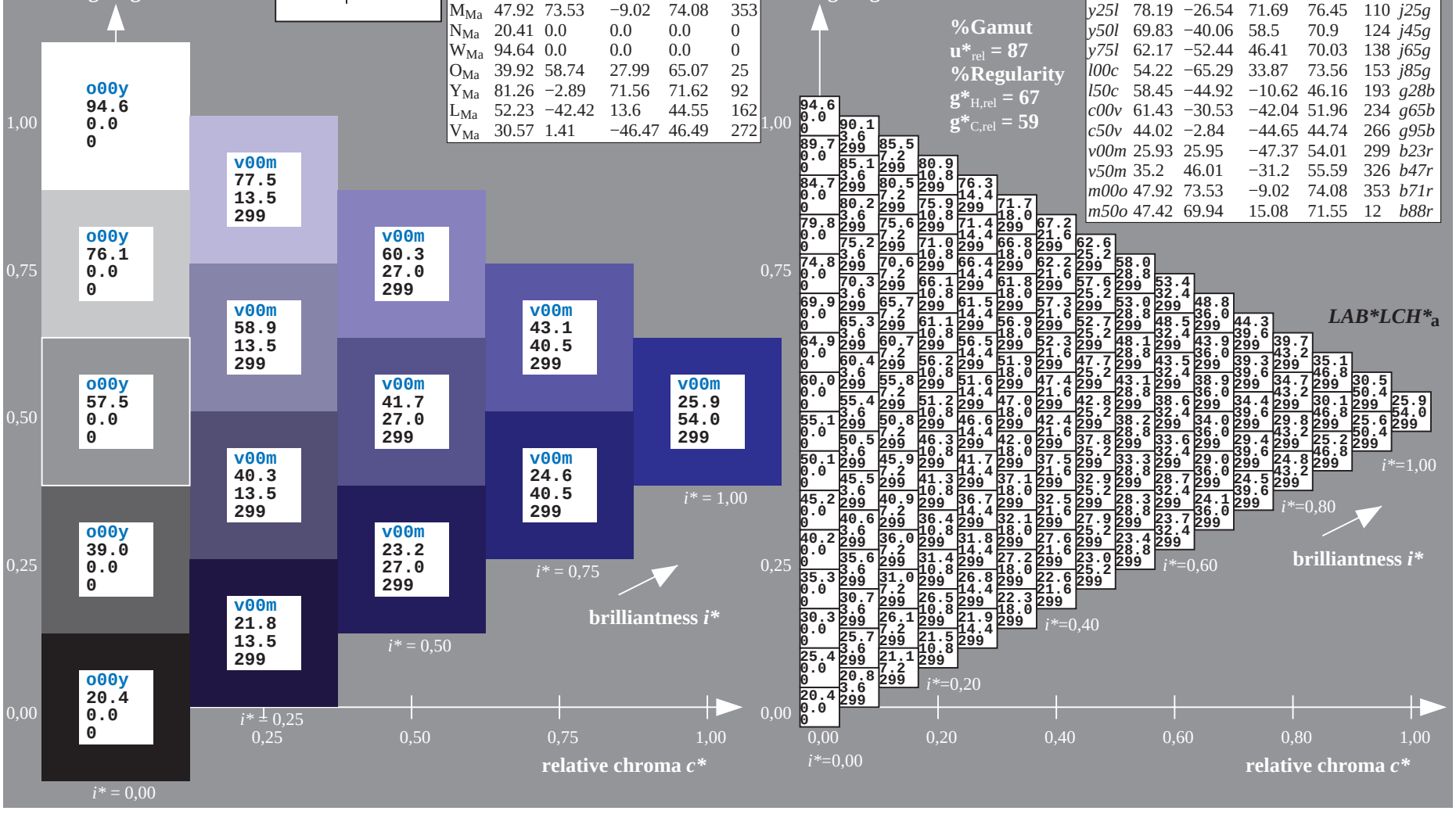
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**

ORS20_95a; adapted (a) CIELAB data

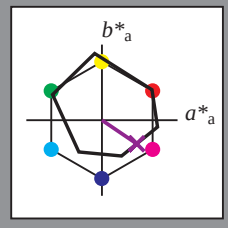
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.905**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

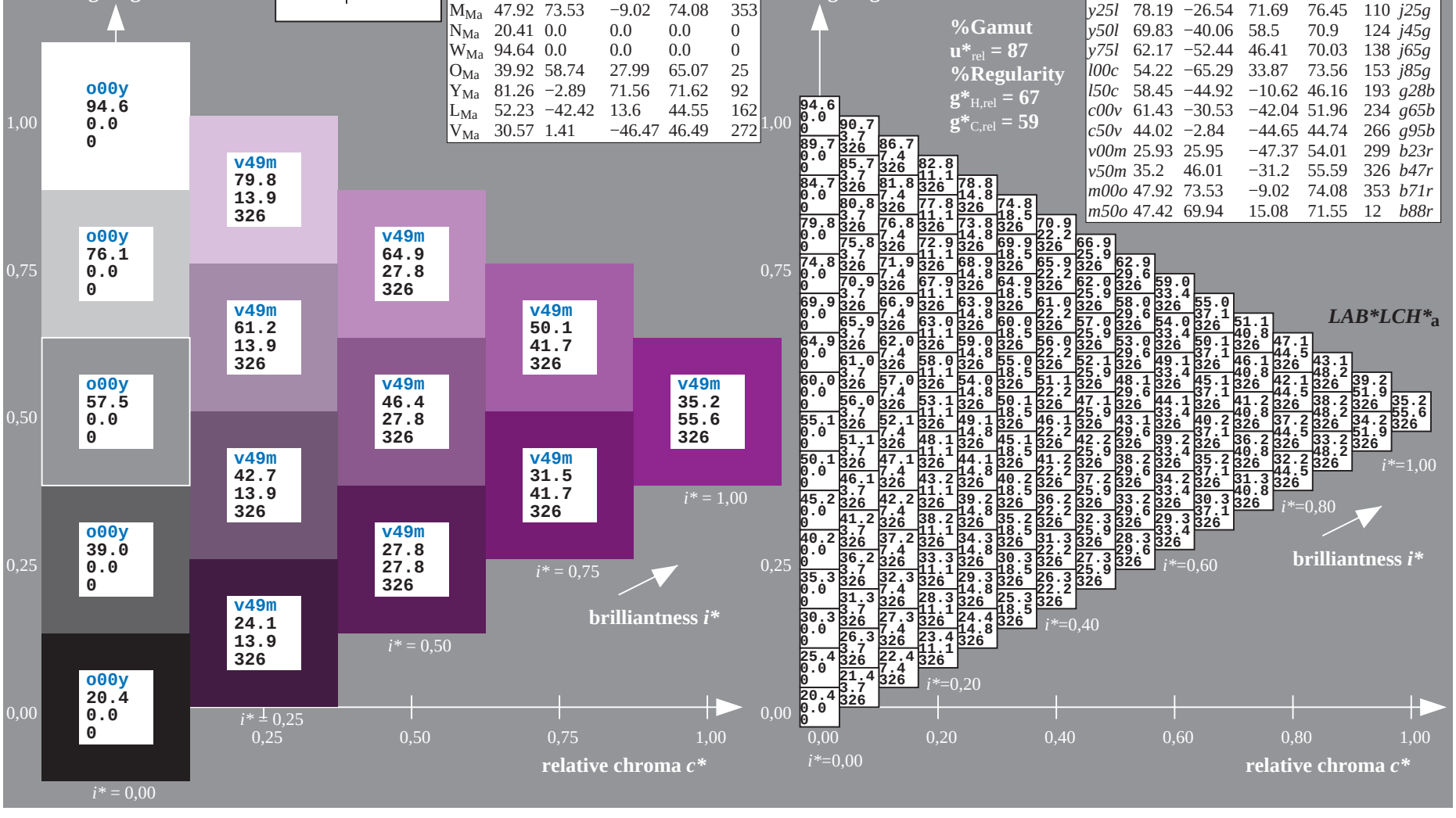
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 35 46 −31
*LAB*LCH**$_{Ma}$: 35 56 325
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.95 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

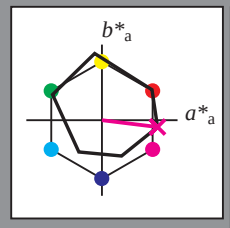
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.981**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



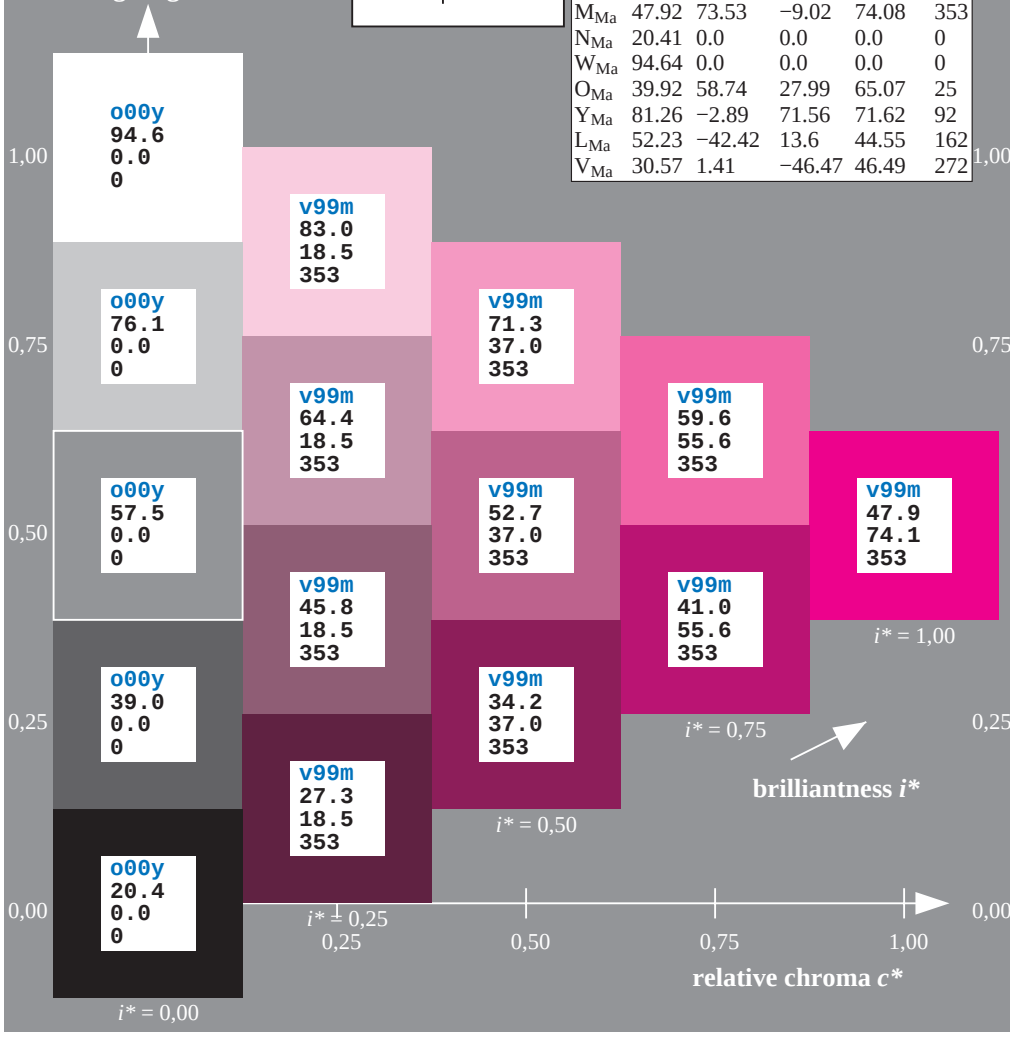
ORS20_95a; adapted (a) CIELAB data

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

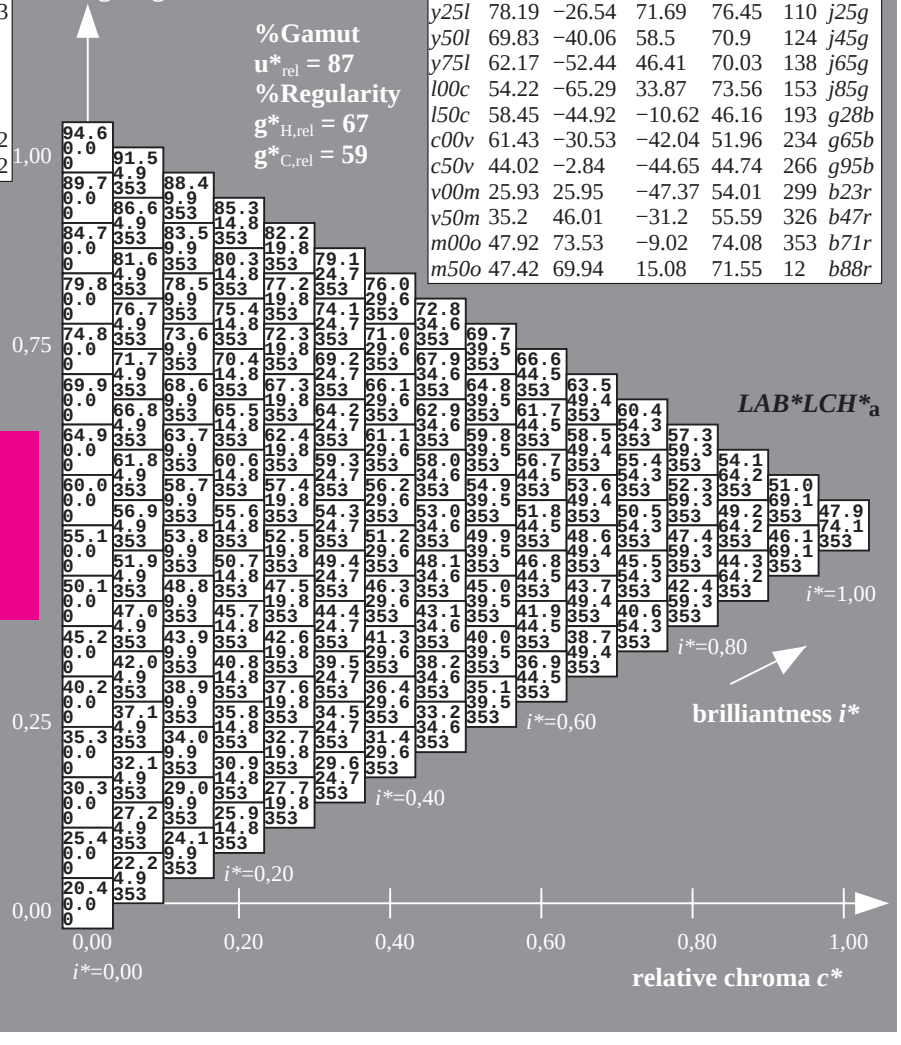
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 48 74 −9
*LAB*LCH**$_{Ma}$: 48 74 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.57
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

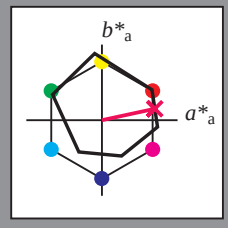


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.034**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

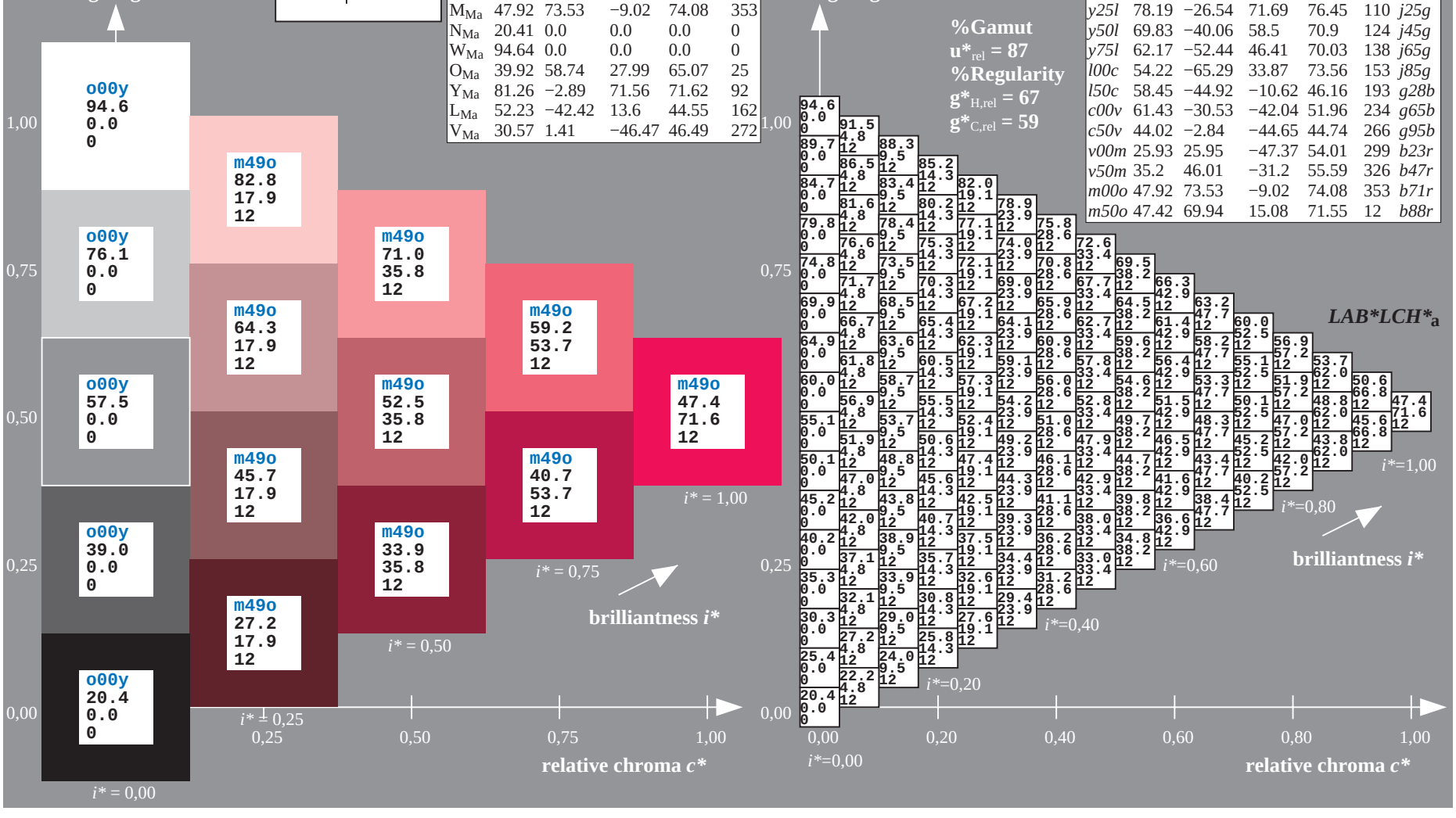
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 47 70 15
*LAB*LCH**$_{Ma}$: 47 72 12
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.23
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
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*

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LCH*a		
01	20.4 0.0 0	24.6 9.2 153	28.9 18.4 153	33.1 27.6 153	37.3 36.8 153	41.5 46.0 153	45.8 55.2 153	50.0 64.4 153	54.2 73.6 153	23.7 9.7 31	28.9 11.1 96	32.8 17.7 124	37.0 26.2 134	41.3 35.0 138	45.5 44.0 141	49.8 53.0 143	54.0 62.1 145	58.3 71.2 146	27.0 19.4 31	31.9 17.5 64	37.5 22.2 96	41.0 27.7 115	45.1 35.4 124	49.4 43.8 130	53.6 52.4 134	57.9 61.2 136	62.2 70.0 138	94.6 0.0 0	88.7 9.7 31	82.7 19.4 31	76.7 29.1 31	70.8 38.7 31	64.8 48.4 31	58.8 58.1 31	52.9 67.8 31	46.9 77.5 31	20.4 0.0 0	20.4 0.0 0	20.4 0.0 0	20.4 0.0 0
02	21.1 6.8 299	25.5 6.5 234	29.9 11.5 193	34.3 18.7 180	38.6 26.6 173	42.9 34.9 169	47.2 43.3 166	51.5 52.0 164	55.7 60.8 163	23.8 9.3 353	29.7 0.0 0	33.9 9.2 153	38.1 18.4 153	42.4 27.6 153	46.6 36.8 153	50.8 46.0 153	55.0 55.2 153	59.3 64.4 153	27.2 17.9 12	33.0 9.7 31	38.2 11.1 96	42.0 17.7 124	46.3 26.2 134	50.6 35.0 138	54.8 44.0 141	59.1 53.0 143	63.3 62.1 145	90.5 6.5 234	85.4 0.0 0	79.4 9.7 31	73.4 19.4 31	67.5 29.1 31	61.5 38.7 31	55.5 48.4 31	49.5 58.1 31	43.6 67.8 31	29.7 0.0 0	29.7 0.0 0	29.7 0.0 0	29.7 0.0 0
03	21.8 13.5 299	26.3 11.2 266	30.7 13.0 234	35.0 17.0 207	39.4 23.1 193	43.8 30.0 185	48.2 37.4 180	52.5 45.2 176	56.8 53.2 173	24.1 13.9 326	30.4 6.8 299	34.8 6.5 234	39.2 11.5 193	43.6 18.7 180	47.9 26.6 173	52.2 34.9 169	56.5 43.3 166	60.7 52.0 164	27.3 18.5 353	33.1 9.3 353	39.0 0.0 0	43.2 9.2 153	47.4 18.4 153	51.6 27.6 153	55.9 36.8 153	60.1 46.0 153	64.3 55.2 153	86.3 13.0 234	81.2 6.5 234	76.1 0.0 0	70.1 9.7 31	64.1 19.4 31	58.2 29.1 31	52.2 38.7 31	46.2 48.4 31	40.3 58.1 31	39.0 0.0 0	39.0 0.0 0	39.0 0.0 0	39.0 0.0 0
04	22.5 20.3 299	27.3 17.2 277	31.3 17.0 256	35.8 19.5 234	40.1 22.9 214	44.5 28.3 201	48.9 34.6 193	53.3 41.4 187	57.7 48.6 183	24.8 20.1 317	31.1 13.5 299	35.6 11.2 266	39.9 13.0 234	44.3 17.0 207	48.7 23.1 193	53.1 30.0 185	57.4 37.4 180	61.8 45.2 176	27.3 22.2 335	33.4 13.9 326	39.7 6.8 299	44.1 6.5 234	48.5 11.5 193	52.8 18.7 180	57.2 26.6 173	61.5 34.9 169	65.8 43.3 166	82.2 19.5 234	77.1 13.0 234	71.9 6.5 234	66.8 0.0 0	60.8 9.7 31	54.9 19.4 31	48.9 29.1 31	42.9 38.7 31	37.0 48.4 31	48.2 0.0 0	48.2 0.0 0	48.2 0.0 0	48.2 0.0 0
05	23.2 27.0 299	28.1 23.5 283	32.2 22.4 266	36.2 23.1 250	40.9 26.0 234	45.2 29.0 218	49.6 34.0 207	54.0 39.8 199	58.4 46.2 193	25.5 26.6 312	31.8 20.3 299	36.5 17.2 277	40.5 17.0 256	45.1 19.5 234	49.4 22.9 214	53.8 28.3 201	58.2 34.6 193	62.6 41.4 187	27.8 27.8 326	34.0 20.1 317	40.3 13.5 299	44.9 11.2 266	49.2 13.0 234	53.6 17.0 207	58.0 23.1 193	62.4 30.0 185	66.7 37.4 180	78.0 26.0 234	72.9 19.5 234	67.8 13.0 234	62.7 6.5 234	57.5 0.0 0	51.6 9.7 31	45.6 19.4 31	39.6 29.1 31	33.7 38.7 31	57.5 0.0 0	57.5 0.0 0	57.5 0.0 0	57.5 0.0 0
06	23.9 33.8 299	28.9 30.0 286	33.2 28.2 273	37.1 28.0 260	41.3 29.3 247	46.0 32.5 234	50.4 35.3 220	54.7 39.8 211	59.1 45.3 203	26.1 33.2 310	32.4 27.0 299	37.4 23.5 283	41.5 22.4 266	45.5 23.1 250	50.2 26.0 234	54.5 29.0 218	58.9 34.0 207	63.3 39.8 199	28.4 33.9 320	34.7 26.6 312	41.0 20.3 299	45.8 17.2 277	49.8 17.0 256	54.3 19.5 234	58.7 22.9 214	63.1 28.3 201	67.5 34.6 193	73.9 32.5 234	68.8 26.0 234	63.6 19.5 234	58.5 13.0 234	53.4 6.5 234	48.2 0.0 0	42.3 9.7 31	36.3 19.4 31	30.3 29.1 31	66.8 0.0 0	66.8 0.0 0	66.8 0.0 0	66.8 0.0 0
07	24.6 40.5 299	29.7 36.5 288	34.1 34.4 277	38.1 33.6 266	42.1 34.0 256	46.3 35.7 245	51.2 39.0 234	55.5 41.6 222	59.8 45.8 214	26.8 39.9 308	33.1 33.8 299	38.2 30.0 286	42.5 28.2 273	46.4 28.0 260	50.6 29.3 247	55.3 32.5 234	59.6 35.3 220	64.0 39.8 211	29.1 40.3 317	35.4 33.2 310	41.7 27.0 299	46.7 23.5 283	50.8 22.4 266	54.8 23.1 250	59.5 26.0 234	63.8 29.0 218	68.2 34.0 207	69.7 39.0 234	64.6 32.5 234	59.5 26.0 234	54.3 19.5 234	49.2 13.0 234	44.1 6.5 234	39.0 0.0 0	33.0 9.7 31	27.0 19.4 31	76.1 0.0 0	76.1 0.0 0	76.1 0.0 0	76.1 0.0 0
08	25.2 47.3 299	30.5 43.1 289	35.0 40.6 280	39.1 39.4 271	43.0 39.2 262	47.1 40.0 253	51.4 42.0 243	56.3 45.5 234	60.6 47.9 224	27.5 46.6 306	33.8 40.5 299	39.0 36.5 288	43.4 34.4 277	47.4 33.6 266	51.4 34.0 256	55.6 35.7 245	60.5 39.0 234	64.7 41.6 222	29.8 46.7 314	36.1 39.9 308	42.4 33.8 299	47.5 30.0 286	51.7 28.2 273	55.7 28.0 260	59.8 29.3 247	64.6 32.5 234	68.9 35.3 220	65.6 45.5 234	60.5 39.0 234	55.3 32.5 234	50.2 26.0 234	45.1 19.5 234	39.9 13.0 234	34.8 6.5 234	29.7 0.0 0	23.7 9.7 31	85.4 0.0 0	85.4 0.0 0	85.4 0.0 0	85.4 0.0 0
09	25.9 54.0 299	31.2 49.8 291	35.8 47.0 283	40.0 45.4 274	44.0 44.7 266	48.0 45.0 258	52.1 46.2 250	56.5 48.4 242	61.4 52.0 234	28.2 53.3 306	34.5 47.3 299	39.8 43.1 289	44.3 40.6 280	48.4 39.4 271	52.3 39.2 262	56.4 40.0 253	60.7 42.0 243	65.6 45.5 234	30.5 53.3 312	36.8 46.6 306	43.1 40.5 299	48.3 36.5 288	52.7 34.4 277	56.7 33.6 266	60.7 34.0 256	64.9 35.7 245	69.7 39.0 234	61.4 52.0 234	56.3 45.5 234	51.2 39.0 234	46.0 32.5 234	40.9 26.0 234	35.8 19.5 234	30.7 13.0 234	25.5 6.5 234	20.4 0.0 0	94.6 0.0 0	94.6 0.0 0	94.6 0.0 0	94.6 0.0 0
10	30.3 29.1 31	35.3 26.1 53	40.0 27.2 75	46.0 33.3 96	49.3 38.2 110	53.3 45.3 119	57.5 53.2 124	61.7 61.4 128	66.0 69.9 131	33.7 38.7 31	38.8 35.3 48	43.4 34.9 64	48.3 37.5 80	54.5 44.4 96	57.7 48.9 107	61.5 55.5 115	65.6 63.0 120	69.8 70.9 124	37.0 48.4 31	42.2 44.6 44	46.8 43.4 57	51.5 44.5 70	56.6 48.1 83	63.1 55.5 96	66.1 59.7 106	69.8 65.9 112	73.9 73.0 117	94.6 0.0 0	93.9 11.1 96	93.1 22.2 96	92.4 33.3 96	91.6 44.4 96	90.9 55.5 96	90.2 66.5 96	89.4 77.6 96	88.7 88.7 96	20.4 0.0 0	20.4 0.0 0	20.4 0.0 0	20.4 0.0 0
11	30.5 27.2 19	36.3 19.4 31	41.2 17.5 64	46.8 22.2 96	50.3 27.7 115	54.4 35.4 124	58.6 43.8 130	62.9 52.4 134	67.2 61.2 136	33.8 36.7 22	39.6 29.1 31	44.6 26.1 53	49.3 27.2 75	55.3 33.3 96	58.6 38.2 110	62.6 45.3 119	66.8 53.2 124	71.0 61.4 128	37.1 46.2 24	42.9 38.7 31	48.1 35.3 48	52.7 34.9 64	57.6 37.5 80	63.8 44.4 96	67.0 48.9 107	70.8 55.5 115	74.9 63.0 120	86.1 6.8 299	85.4 0.0 0	84.6 11.1 96	83.9 22.2 96	83.1 33.3 96	82.4 44.4 96	81.6 55.5 96	80.9 66.5 96	80.1 77.6 96	25.4 0.0 0	25.4 0.0 0	25.4 0.0 0	25.4 0.0 0
12	30.6 26.8 6	36.4 17.9 12	42.3 9.7 31	47.5 11.1 96	51.3 17.7 124	55.6 26.2 134	59.8 35.0 138	64.1 44.0 141	68.4 53.0 143	33.9 35.8 12	39.8 27.2 19	45.6 19.4 31	50.5 17.5 64	56.0 22.2 96	59.5 27.7 115	63.7 35.4 124	67.9 43.8 130	72.2 52.4 134	37.2 45.0 16	43.1 36.7 22	48.9 29.1 31	53.9 26.1 53	58.6 27.2 75	64.6 33.3 96	67.9 38.2 110	71.9 45.3 119	76.0 53.2 124	77.5 13.5 299	76.8 6.8 299	76.1 0.0 0	75.3 11.1 96	74.6 22.2 96	73.8 33.3 96	73.1 44.4 96	72.3 55.5 96	71.6 66.5 96	30.3 0.0 0	30.3 0.0 0	30.3 0.0 0	30.3 0.0 0
13	30.7 27.8 353	36.6 18.5 353	42.4 9.3 353	48.2 0.0 0	52.5 9.2 153	56.7 18.4 153	60.9 27.6 153	65.2 36.8 153	69.4 46.0 153	34.0 35.9 3	39.9 26.8 6	45.7 17.9 12	51.6 9.7 31	56.8 11.1 96	60.6 17.7 124	64.9 26.2 134	69.1 35.0 138	73.4 44.0 141	37.4 44.6 8	43.2 35.8 12	49.0 27.2 19	54.9 19.4 31	59.7 17.5 64	65.3 22.2 96	68.8 27.7 115	73.0 35.4 124	77.2 43.8 130	68.9 20.3 299	68.2 13.5 299	67.5 6.8 299	66.8 0.0 0	66.1 11.1 96	65.3 22.2 96	64.6 33.3 96	63.8 44.4 96	63.1 55.5 96	35.3 0.0 0	35.3 0.0 0	35.3 0.0 0	35.3 0.0 0
14	30.5 30.9 339	36.5 22.2 335	42.7 13.9 326	48.9 6.8 299	53.4 6.5 234	57.8 11.5 193	62.1 18.7 180	66.4 26.6 173	70.7 34.9 169	34.2 37.0 353	40.0 27.8 353	45.8 18.5 353	51.7 9.3 353	57.5 0.0 0	61.8 9.2 153	66.0 18.4 153	70.2 27.6 153	74.4 36.8 153	37.5 45.0 1	43.3 35.9 3	49.2 26.8 6	55.0 17.9 12	60.8 9.7 31	66.1 11.1 96	69.9 17.7 124	74.1 26.2 134	78.4 35.0 138	60.3 27.0 299	59.6 20.3 299	58.9 13.5 299	58.2 6.8 299	57.5 0.0 0	56.8 11.1 96	56.0 22.2 96	55.3 33.3 96	54.5 44.4 96	40.2 0.0 0	40.2 0.0 0	40.2 0.0 0	40.2 0.0 0
15	30.9 35.9 331	37.1 27.8 326	43.3 20.1 317	49.6 13.5 299	54.1 11.2 266	58.5 13.0 234	62.9 17.0 207	67.3 23.1 193	71.6 30.0 185	33.8 39.7 342	39.8 30.9 339	45.8 22.2 335	51.9 13.9 326	58.2 6.8 299	62.7 6.5 234	67.0 11.5 193	71.4 18.7 180	75.7 26.6 173	37.6 46.3 353	43.4 37.0 353	49.3 27.8 353	55.1 18.5 353	61.0 9.3 353	66.8 0.0 0	71.0 9.2 153	75.3 18.4 153	79.5 27.6 153	51.7 33.8 299	51.0 27.0 299	50.3 20.3 299	49.6 13.5 299	48.9 6.8 299	48.2 0.0 0	47.5 11.1 96	46.8 22.2 96	46.0 33.3 96	45.2 0.0 0	45.2 0.0 0	45.2 0.0 0	45.2 0.0 0
16	31.5 41.7 326	37.7 33.9 320	44.0 26.6 312	50.3 20.3 299	55.1 17.2 277	59.1 17.0 256	63.6 19.5 234	68.0 22.9 214	72.4 28.3 201	34.1 44.4 335	40.2 35.9 331	46.4 27.8 326	52.6 20.1 317	58.9 13.5 299	63.4 11.2 266	67.8 13.0 234	72.1 17.0 207	76.5 23.1 193	37.2 48.7 344	43.1 39.7 342	49.1 30.9 339	55.1 22.2 335	61.2 13.9 326	67.5 6.8 299	71.9 6.5 234	76.3 11.5 193	80.7 18.7 180	43.1 40.5 299	42.4 33.8 299	41.7 27.0 299	41.0 20.3 299	40.3 13.5 299	39.7 6.8 299	39.0 0.0 0	38.2 11.1 96	37.5 22.2 96	50.1 0.0 0	50.1 0.0 0	50.1 0.0 0	50.1 0.0 0
17	32.1 47.8 322	38.4 40.3 317	44.7 33.2 310	51.0 27.0 299	56.0 23.5 283	60.1 22.4 266	64.1 23.1 250	68.8 26.0 234	73.1 29.0 218	34.6 49.8 330	40.8 41.7 326	47.0 33.9 320	53.3 26.6 312	59.6 20.3 299	64.4 17.2 277	68.4 17.0 256	72.9 19.5 234	77.2 22.9 214	37.4 53.0 337	43.4 44.4 335	49.5 35.9 331	55.6 27.8 326	61.9 20.1 317	68.2 13.5 299	72.7 11.2 266	77.1 13.0 234	81.4 17.0 207	34.5 47.3 299	33.8 40.5 299	33.1 33.8 299	32.4 27.0 299	31.8 20.3 299	31.1 13.5 299	30.4 6.8 299	29.7 0.0 0	28.9 11.1 96	55.1 0.0 0	55.1 0.0 0	55.1 0.0 0	55.1 0.0 0
18	32.8 54.0 319	39.1 46.7 314	45.4 39.9 308	51.7 33.8 299	56.8 30.0 286	61.0 28.2 273	65.0 28.0 260	69.1 29.3 247	73.9 32.5 234	35.2 55.6 326	41.4 47.8 322	47.7 40.3 317	54.0 33.2 310	60.3 27.0 299	65.2 23.5 283	69.3 22.4 266	73.4 23.1 250	78.0 26.0 234	37.8 58.1 333	43.9 49.8 330	50.1 41.7 326	56.3 33.9 320	62.6 26.6 312	68.9 20.3 299	73.6 17.2 277	77.6 17.0 256	82.2 19.5 234	25.9 54.0 299	25.2 47.3 299	24.6 40.5 299	23.9 33.8 299	23.2 27.0 299	22.5 20.3 299	21.8 13.5 299	21.1 6.8 299	20.4 0.0 0	60.0 0.0 0	60.0 0.0 0	60.0 0.0 0	60.0 0.0 0
19	40.3 58.1 31	45.5 54.0 42	50.3 52.2 53	54.9 52.4 64	59.7 54.4 75	65.0 58.8 85	71.6 66.5 96	74.6 70.6 104	78.2 76.4 110	43.6 67.8 31	48.9 63.6 41	53.7 61.3 50	58.3 60.8 59	63.0 61.8 68	67.9 64.6 78	73.5 69.6 87	80.1 77.6 96	83.0 81.5 103	46.9 77.5 31	52.3 73.1 39	57.1 70.5 48	61.8 69.5 56	66.4 69.8 64	71.1 71.6 72	76.2 75.0 80	81.9 80.5 88	88.7 88.7 96	94.6 0.0 0	89.6 9.2 153	84.5 18.4 153	79.5 27.6 153	74.4 36.8 153	69.4 46.0 153	64.3 55.2 153	59.3 64.4 153	54.2 73.6 153	64.9 0.0 0	64.9 0.0 0	64.9 0.0 0	64.9 0.0 0
20	40.4 55.8 25	46.2 48.4 31	51.4 44.6 44	56.1 43.4 57	60.8 44.5 70	65.9 48.1 83	72.3 55.5 96	75.4 59.7 106	79.1 65.9 112	43.7 65.5 26	49.5 58.1 31	54.8 54.0 42	59.6 52.2 53	64.2 52.4 64	68.9 54.4 75	74.3 58.8 85	80.9 66.5 96	83.8 70.6 104	47.0 75.1 27	52.9 67.8 31	58.2 63.6 41	63.0 61.3 50	67.6 60.8 59	72.2 61.8 68	77.2 64.6 78	82.7 69.6 87	89.4 77.6 96	88.8 9.3 353	85.4 0.0 0	80.3 9.2 153	75.3 18.4 153	70.2 27.6 153	65.2 36.8 153	60.1 46.0 153	55.0 55.2 153	50.0 64.4 153	69.9 0.0 0	69.9 0.0 0	69.9 0.0 0	69.9 0.0 0
21	40.5 54.4 19	46.4 46.2 24	52.2 38.7 31	57.3 35.3 48	61.9 34.9 64	66.9 37.5 80	73.1 44.4 96	76.2 48.9 107	80.1 55.5 115	43.9 63.9 20	49.7 55.8 25	55.5 48.4 31	60.7 44.6 44	65.4 43.4 57	70.0 44.5 70	75.2 48.1 83	81.6 55.5 96	84.7 59.7 106	47.2 73.4 22	53.0 65.5 26	58.8 58.1 31	64.1 54.0 42	68.8 52.2 53	73.4 52.4 64	78.2 54.4 75	83.6 58.8 85	90.2 66.5 96	83.0 18.5 353	79.5 9.3 353	76.1 0.0 0	71.0 9.2 153	66.0 18.4 153	60.9 27.6 153	55.9 36.8 153	50.8 46.0 153	45.8 55.2 153	74.8 0.0 0	74.8 0.0 0	74.8 0.0 0	74.8 0.0 0
22	40.7 53.7 12	46.5 45.0 16	52.3 36.7 22	58.2 29.1 31	63.2 26.1 53	67.9 27.2 75	73.8 33.3 96	77.1 38.2 110	81.1 45.3 119	44.0 62.9 15	49.8 54.4 19	55.7 46.2 24	61.5 38.7 31	66.6 35.3 48	71.2 34.9 64	76.1 37.5 80	82.4 44.4 96	85.5 48.9 107	47.3 72.2 17	53.1 63.9 20	59.0 55.8 25	64.8 48.4 31	70.0 44.6 44	74.7 43.4 57	79.3 44.5 70	84.5 48.1 83	90.9 55.5 96	77.1 27.8 353	73.7 18.5 353	70.2 9.3 353	66.8 0.0 0	61.8 9.2 153	56.7 18.4 153	51.6 27.6 153	46.6 36.8 153	41.5 46.0 153	79.8 0.0 0	79.8 0.0 0	79.8 0.0 0	79.8 0.0 0
23	40.8 53.6 6	46.6 44.6 8	52.5 35.8 12	58.3 27.2 19	64.1 19.4 31	69.0 17.5 64	74.6 22.2 96	78.1 27.7 115	82.2 35.4 124	44.1 62.5 9	49.9 53.7 12	55.8 45.0 16	61.6 36.7 22	67.5 29.1 31	72.5 26.1 53	77.1 27.2 75	83.1 33.3 96	86.4 38.2 110	47.4 71.6 12	53.3 62.9 15	59.1 54.4 19	64.9 46.2 24	70.8 38.7 31	75.9 35.3 48	80.5 34.9 64	85.4 37.5 80	91.6 44.4 96	71.3 37.0 353	67.8 27.8 353	64.4 18.5 353	61.0 9.3 353	57.5 0.0 0	52.5 9.2 153	47.4 18.4 153	42.4 27.6 153	37.3 36.8 153	84.7 0.0 0	84.7 0.0 0	84.7 0.0 0	84.7 0.0 0
24	40.9 54.2 359	46.8 45.0 1	52.6 35.9 3	58.4 26.8 6	64.3 17.9 12	70.1 9.7 31	75.3 11.1 96	79.2 17.7 124	83.4 26.2 134	44.2 62.7 4	50.1 53.6 6	55.9 44.6 8	61.7 35.8 12	67.6 27.2 19	73.4 19.4 31	78.3 17.5 64	83.9 22.2 96	87.4 27.7 115	47.5 71.4 7	53.4 62.5 9	59.2 53.7 12	65.1 45.0 16	70.9 36.7 22	76.7 29.1 31	81.7 26.1 53	86.4 27.2 75	92.4 33.3 96	65.4 46.3 353	62.0 37.0 353	58.6 27.8 353	55.1 18.5 353	51.7 9.3 353	48.2 0.0 0	43.2 9.2 153	38.1 18.4 153	33.1 27.6 153	89.7 0.0 0	89.7 0.0 0	89.7 0.0 0	89.7 0.0 0
25	41.0 55.6 353	46.9 46.3 353	52.7 37.0 353	58.6 27.8 353	64.4 18.5 353	70.2 9.3 353	76.1 0.0 0	80.3 9.2 153	84.5 18.4 153	44.4 63.4 358	50.2 54.2 359	56.0 45.0 1	61.9 35.9 3	67.7 26.8 6	73.6 17.9 12	79.4 9.7 31	84.6 11.1 96	88.4 17.7 124	47.7 71.8 3	53.5 62.7 4	59.3 53.6 6	65.2 44.6 8	71.0 35.8 12	76.9 27.2 19	82.7 19.4 31	87.6 17.5 64	93.1 22.2 96	59.6 55.6 353	56.2 46.3 353	52.7 37.0 353	49.3 27.8 353	45.8 18.5 353	42.4 9.3 353	39.0 0.0 0	33.9 9.2 153	28.9 18.4 153	94.6 0.0 0	94.6 0.0 0	94.6 0.0 0	94.6 0.0 0
26	40.6 57.8 345	46.5 48.7 344	52.4 39.7 342	58.4 30.9 339	64.4 22.2 335	70.5 13.9 326	76.8 6.8 299	81.2 6.5 234	85.6 11.5 193	44.5 64.8 353	50.3 55.6 353	56.2 46.3 353	62.0 37.0 353	67.8 27.8 353	73.7 18.5 353	79.5 9.3 353	85.4 0.0 0	89.6 9.2 153	47.8 72.7 358	53.6 63.4 358	59.5 54.2 359	65.3 45.0 1	71.2 35.9 3	77.0 26.8 6	82.8 17.9 12	88.7 9.7 31	93.9 11.1 96	53.8 64.8 353	50.3 55.6 353	46.9 46.3 353	43.4 37.0 353	40.0 27.8 353	36.6 18.5 353	33.1 9.3 353	29.7 0.0 0	24.6 9.2 153	20.4 0.0 0	46.9 77.5 31	88.7 88.7 96	54.2 73.6 153
27	40.7 61.7 339	46.7 53.0 337	52.7 44.4 335	58.8 35.9 331	64.9 27.8 326	71.2 20.1 317	77.5 13.5 299	82.0 11.2 266	86.3 13.0 234	44.0 66.9 346	49.8 57.8 345	55.8 48.7 344	61.7 39.7 342	67.6 30.9 339	73.7 22.2 335	79.8 13.9 326	86.1 6.8 299	90.5 6.5 234	47.9 74.1 353	53.8 64.8 353	59.6 55.6 353	65.4 46.3 353	71.3 37.0 353	77.1 27.8 353	83.0 18.5 353	88.8 9.3 353	94.6 0.0 0	47.9 74.1 353	44.5 64.8 353	41.0 55.6 353	37.6 46.3 353	34.2 37.0 353	30.7 27.8 353	27.3 18.5 353	23.8 9.3 353	20.4 0.0 0	94.6 0.0 0	61.4 52.0 234	25.9 54.0 299	47.9 74.1 353

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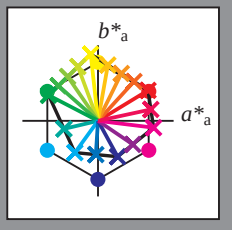
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee69/10L/L69E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

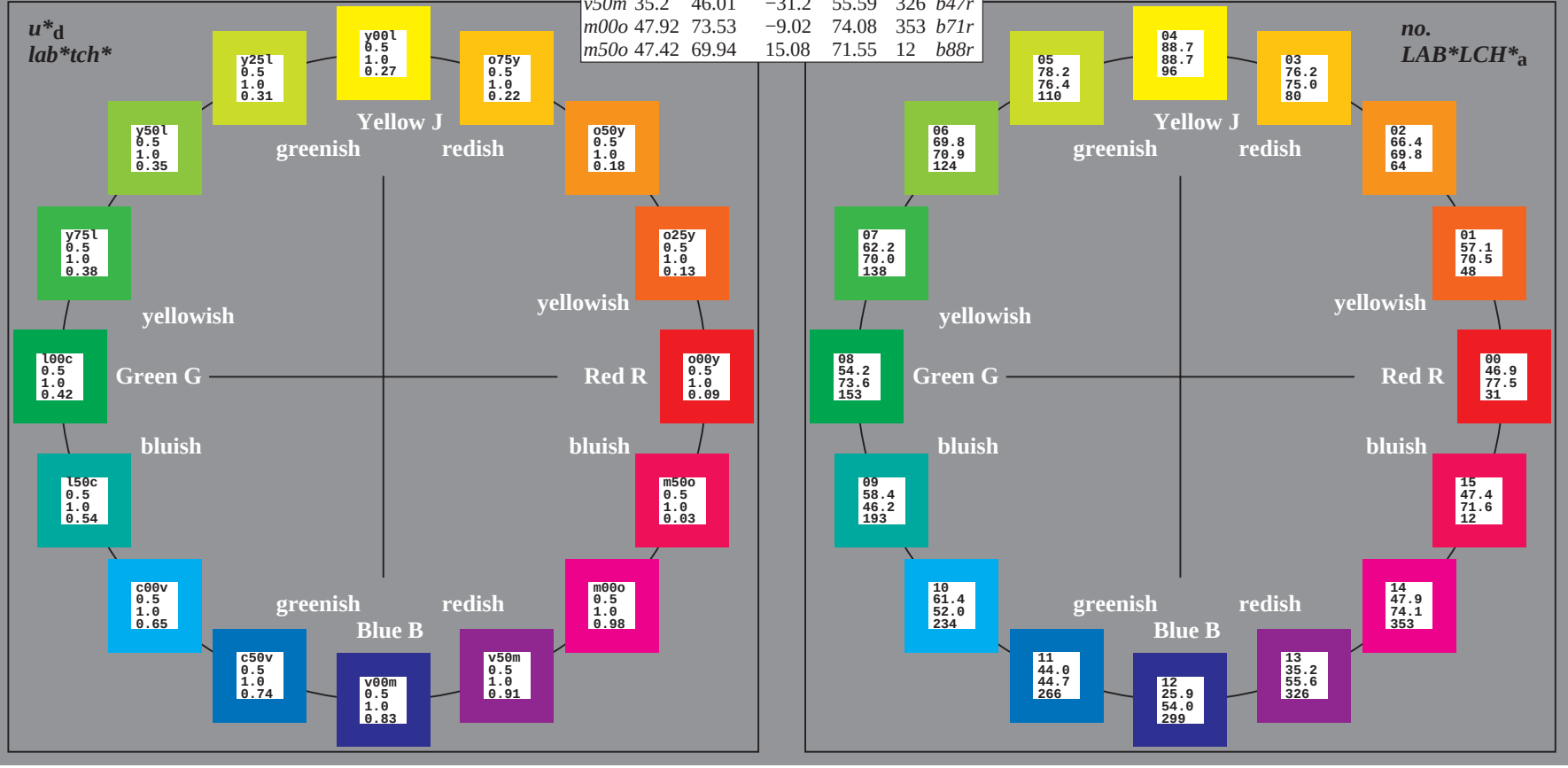
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*



%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

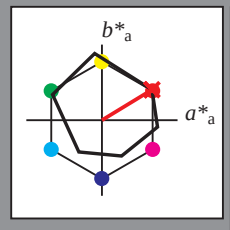
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	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_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.087**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r09j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

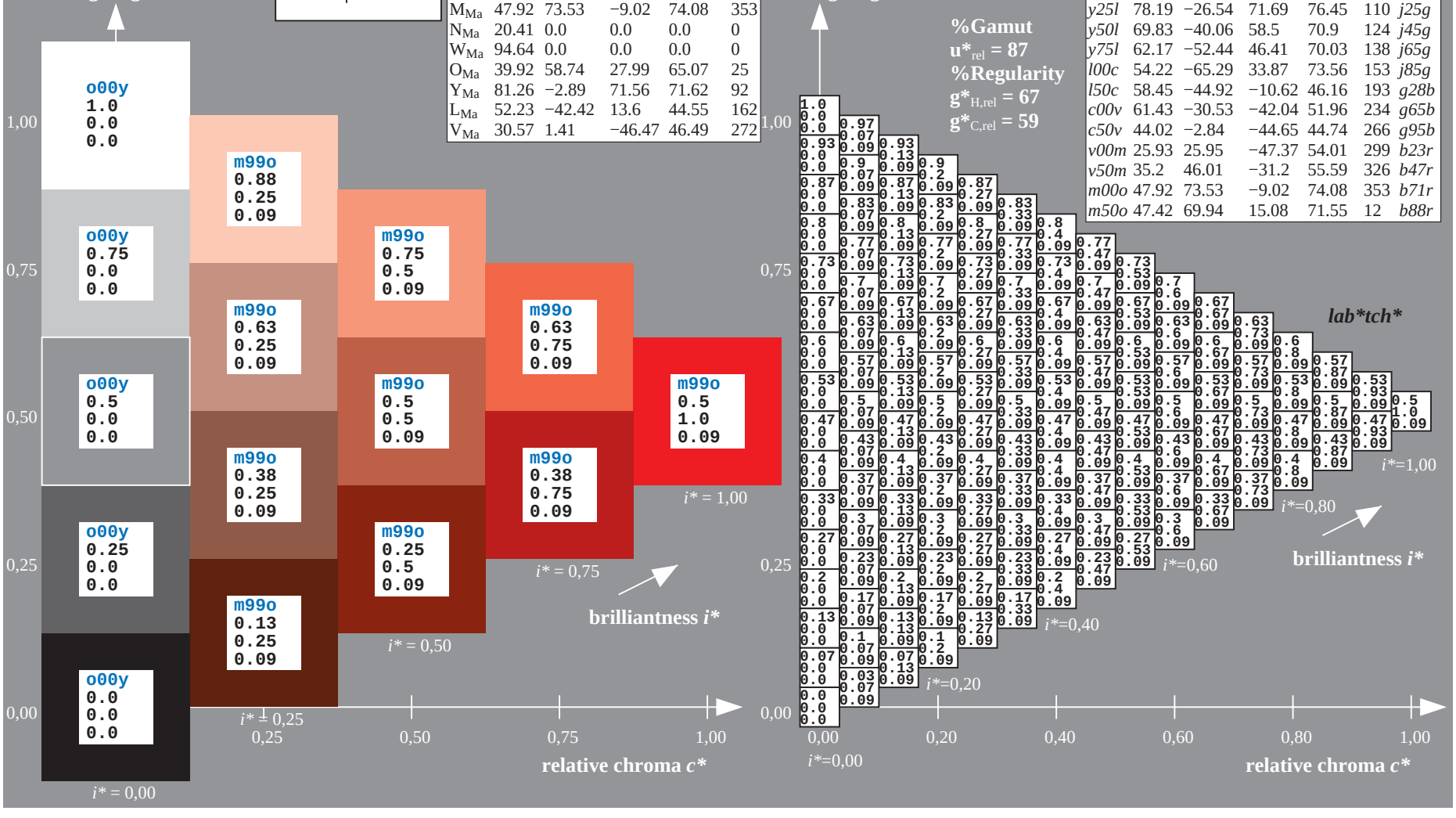
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 47 66 40
*LAB*LCH**$_{Ma}$: 47 77 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

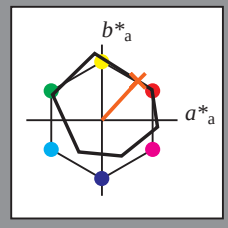
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.132**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
c_R = 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

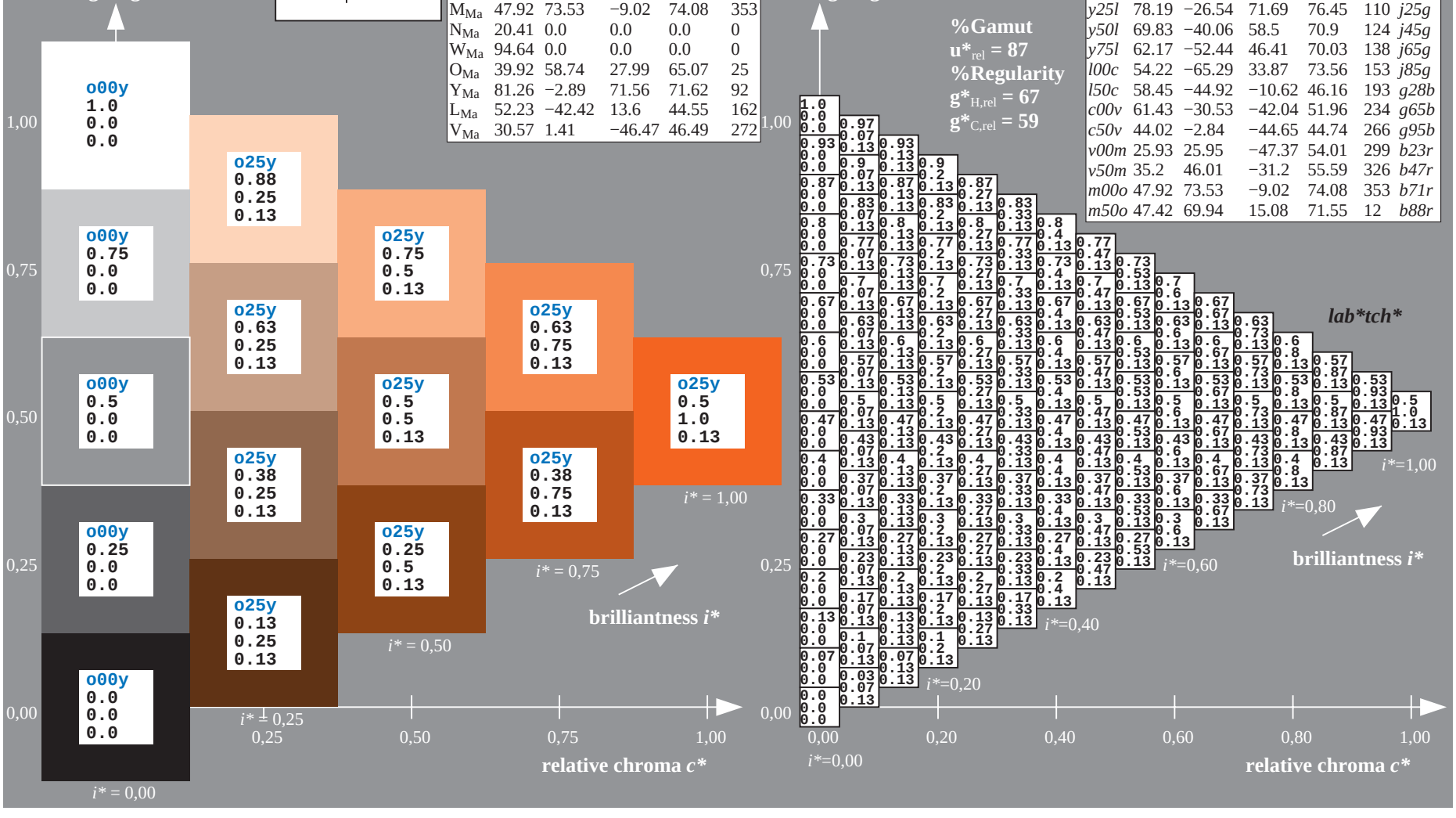
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 57 48 52
*LAB*LCH**$_{Ma}$: 57 71 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *o25y*
*lab*tch**

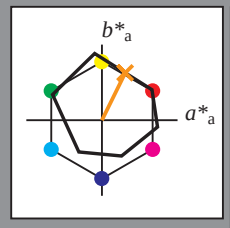
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.177**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

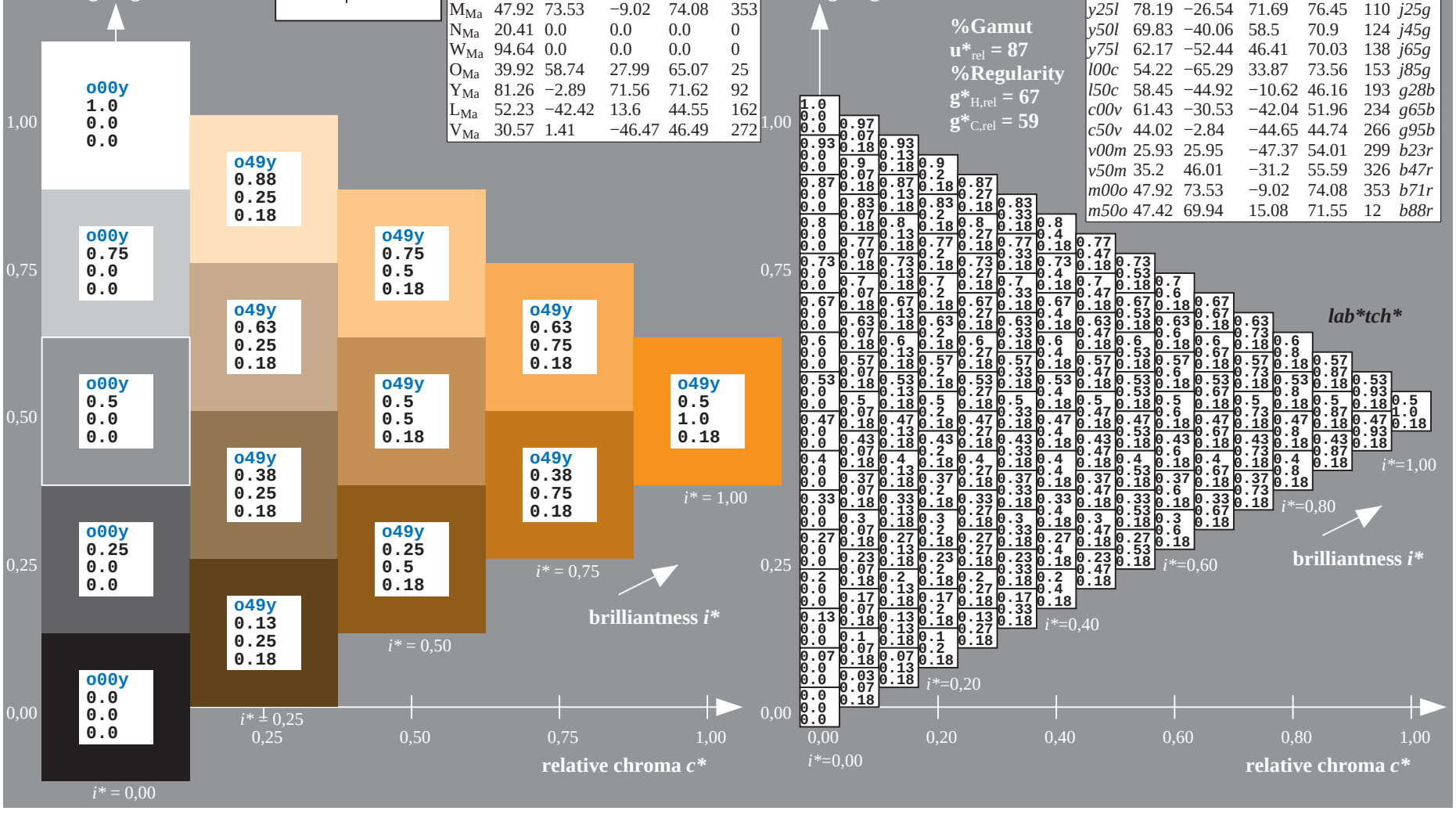
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 66 31 63
*LAB*LCH**$_{Ma}$: 66 70 63
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.57 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

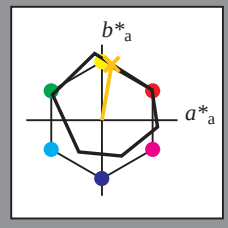
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.222**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
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

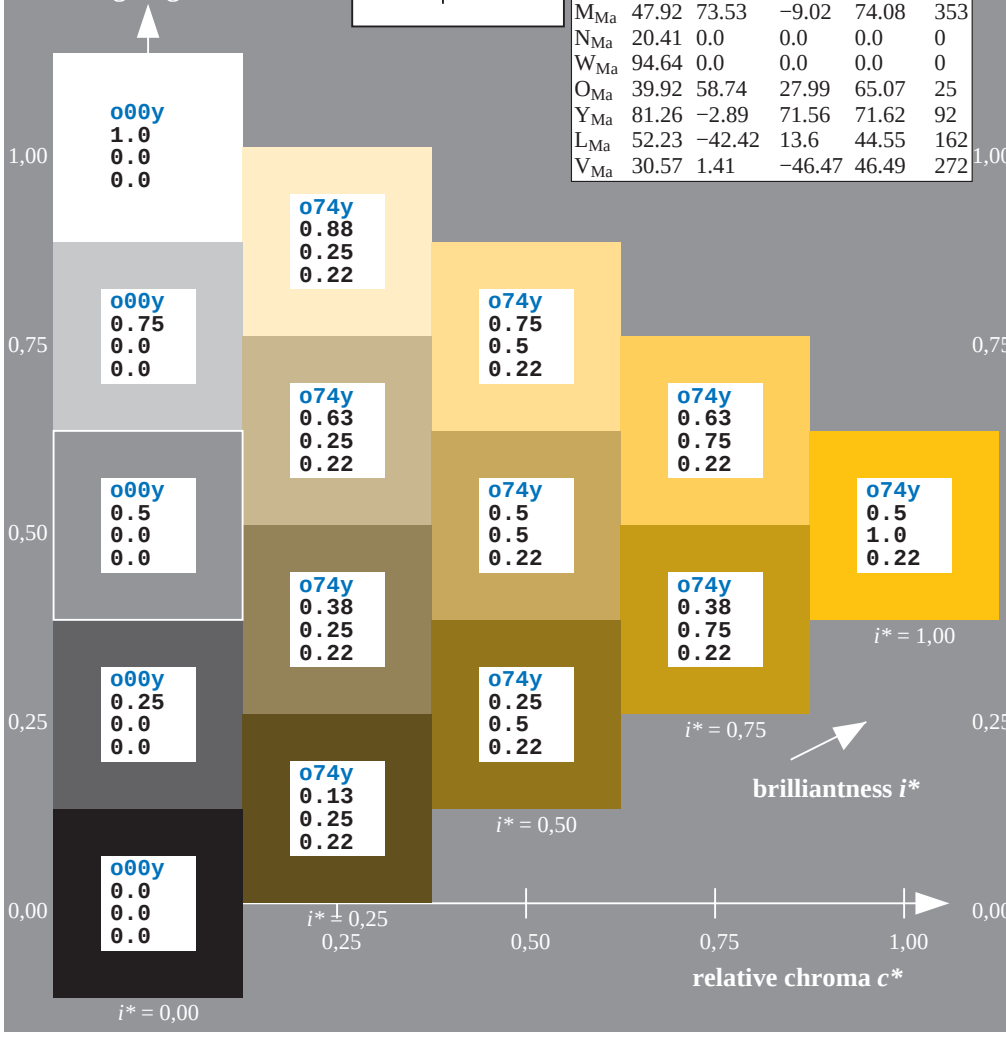
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 76 13 74
*LAB*LCH**$_{Ma}$: 76 75 79
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

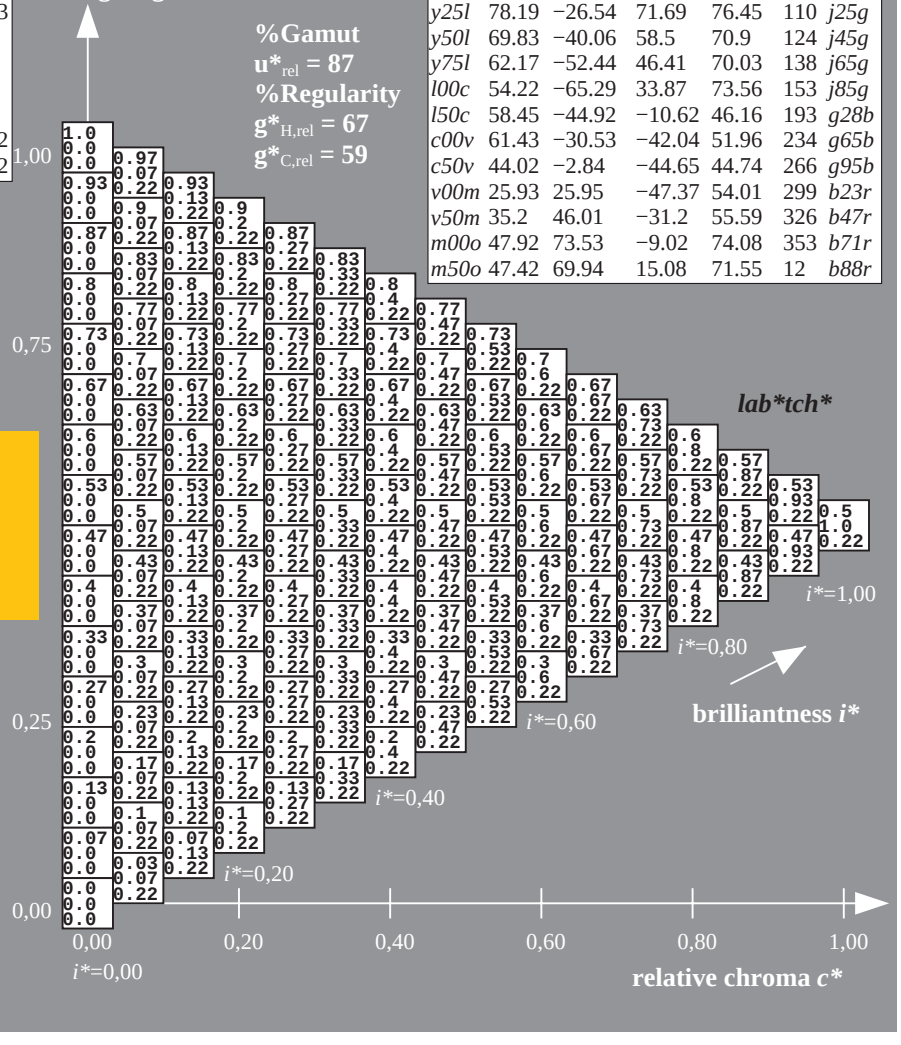
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *o75y*
*lab*tch**

ORS20_95a; adapted (a) CIELAB data

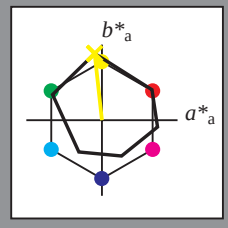
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.267**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

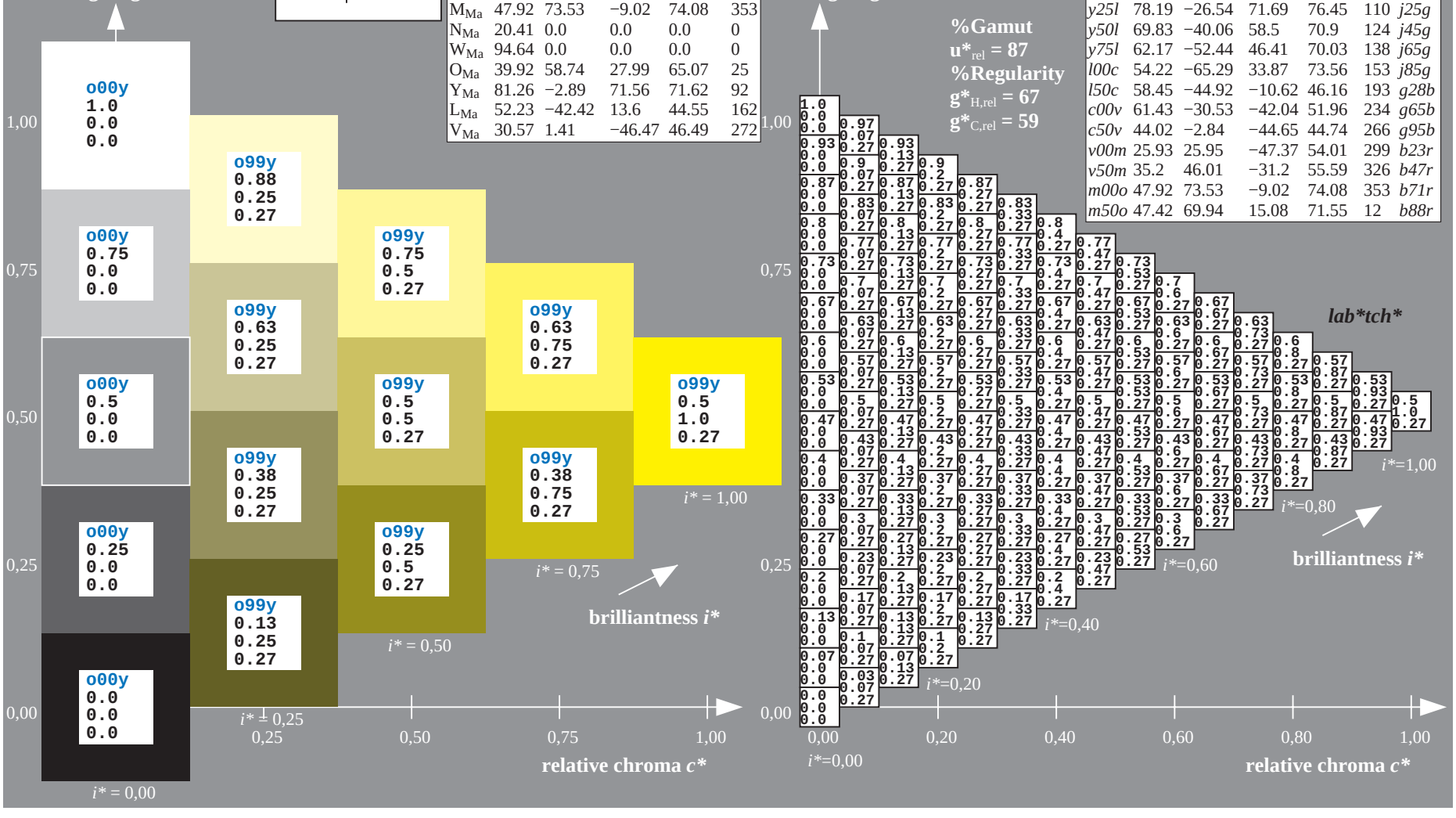
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 89 −10 88
*LAB*LCH**$_{Ma}$: 89 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

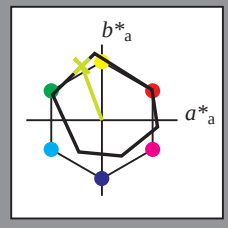
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.306**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

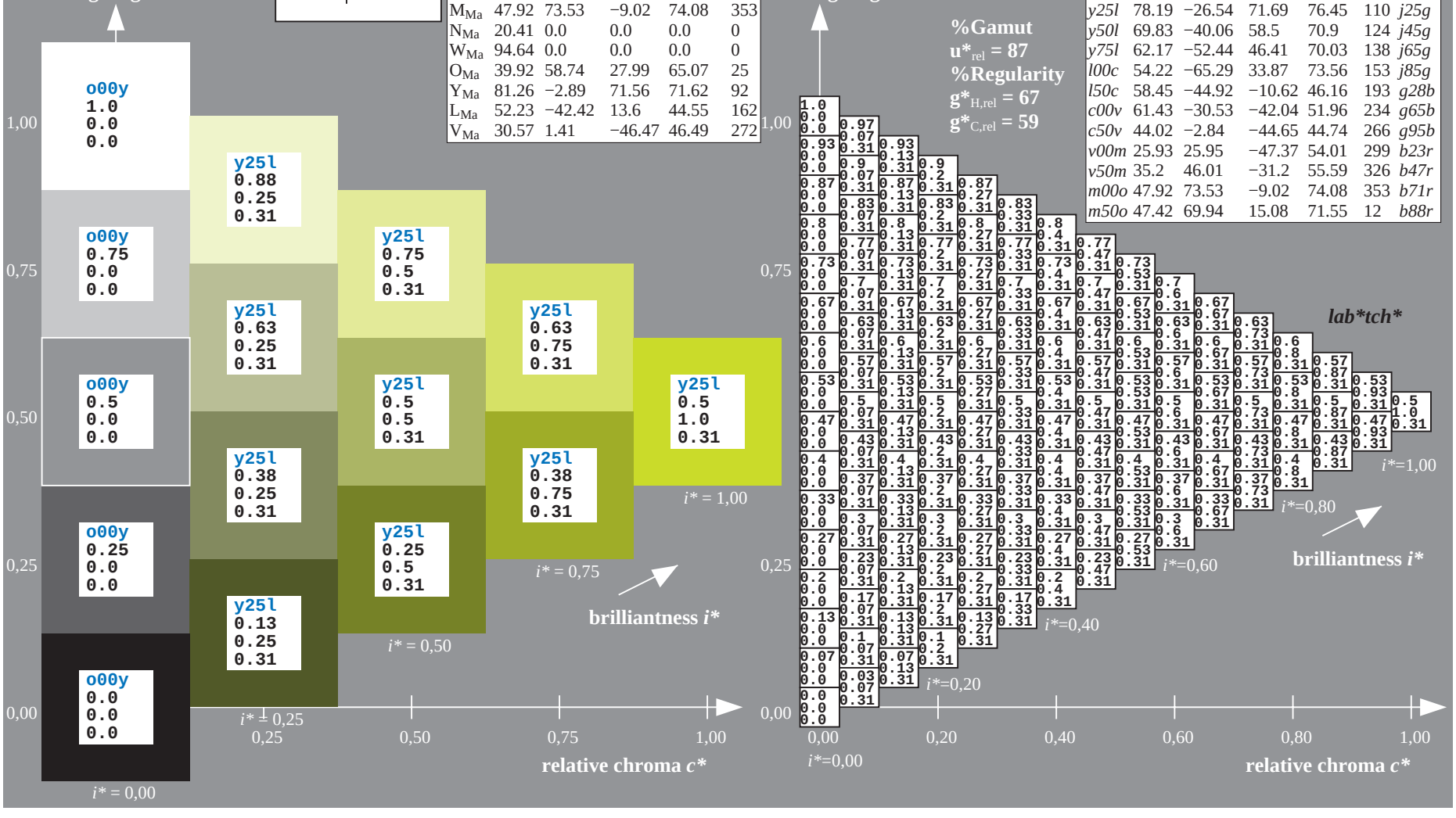
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 78 −27 72
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.74 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

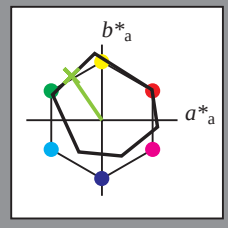
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.346**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j45g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

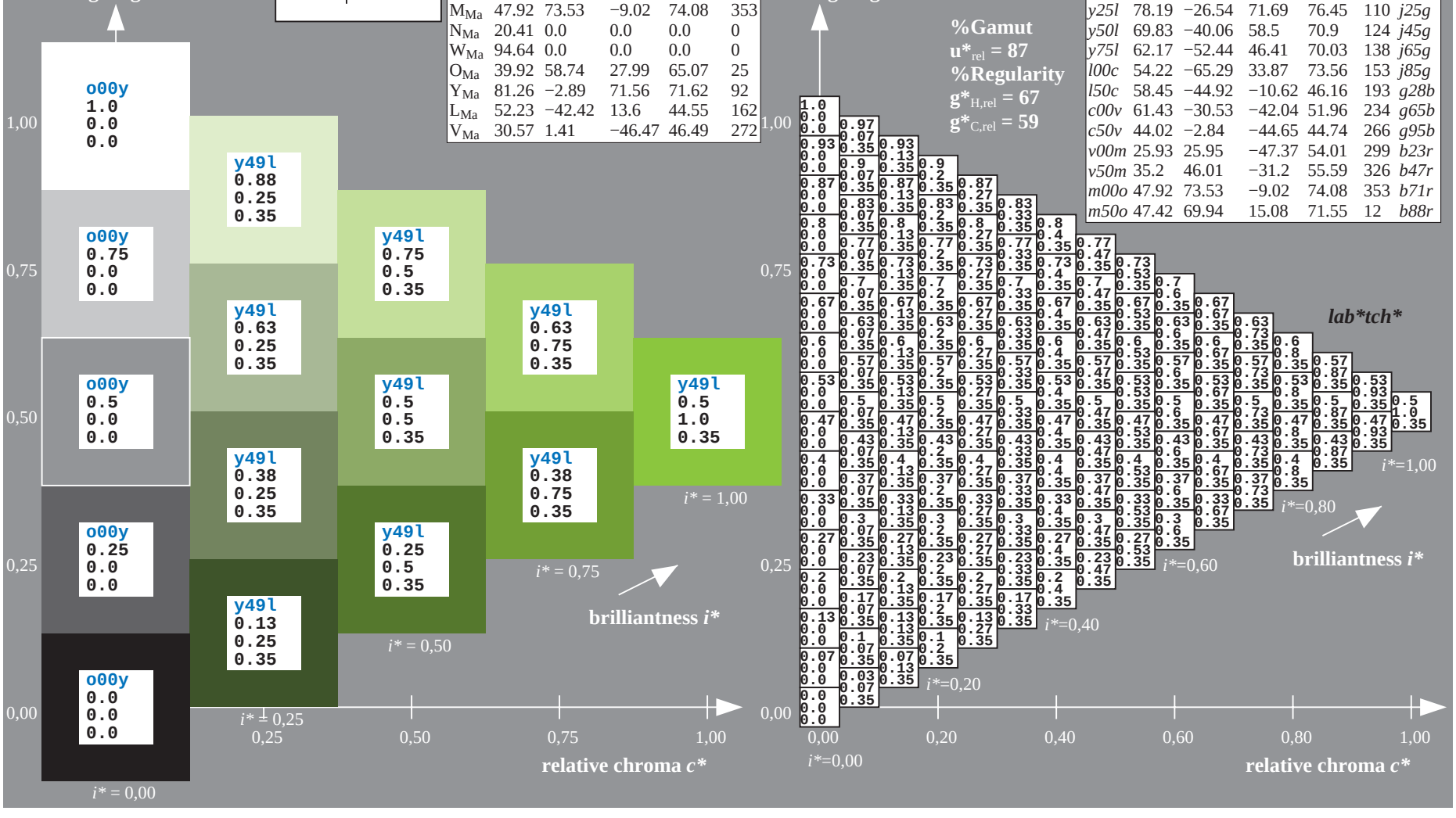
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 70 −40 58
*LAB*LCH**$_{Ma}$: 70 71 124
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.54 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

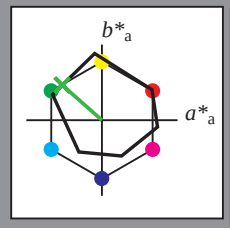
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.385**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j65g*
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

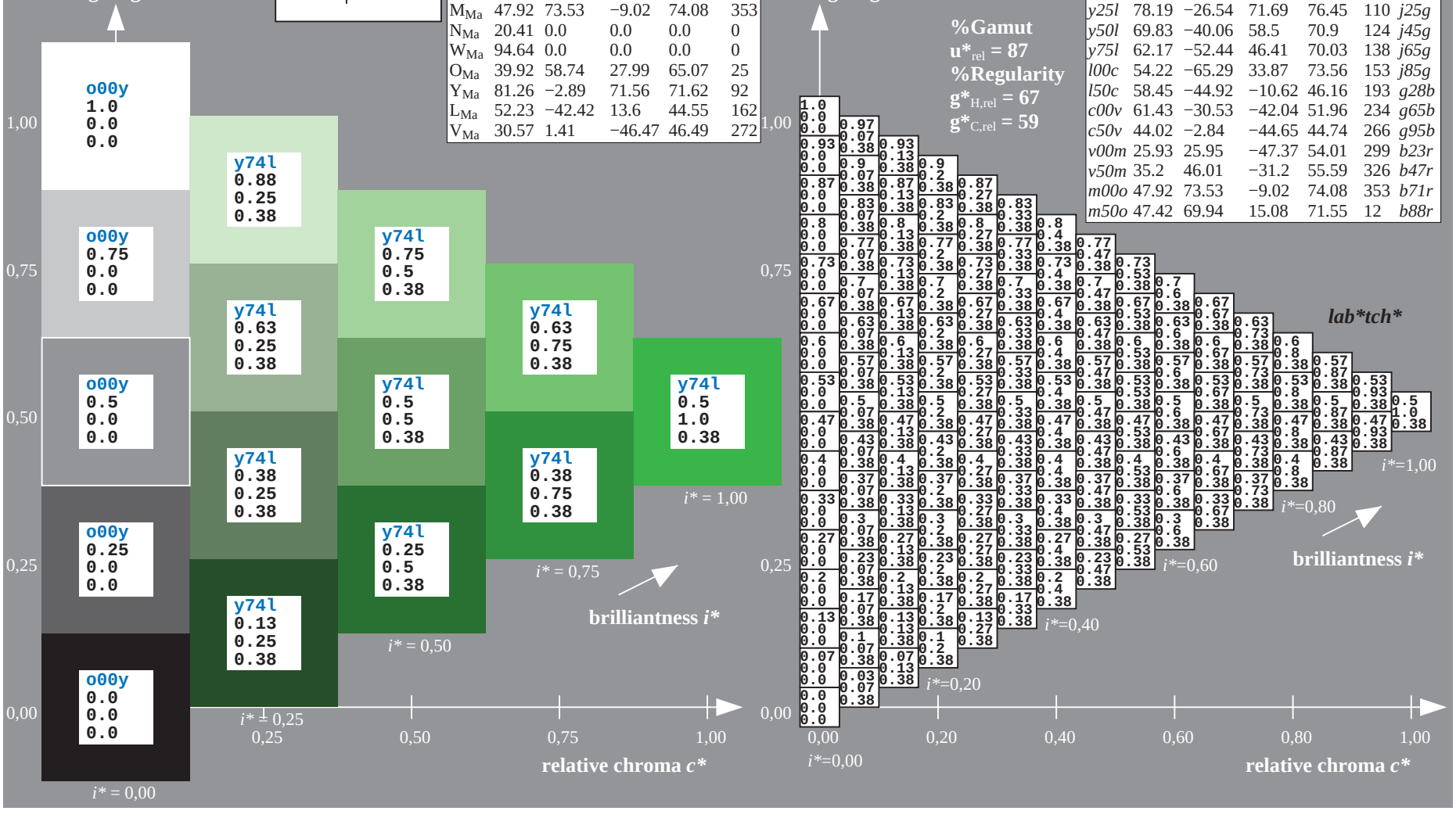
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 −52 46
*LAB*LCH**$_{Ma}$: 62 70 138
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.34 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

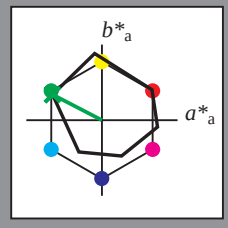
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.424**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j85g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

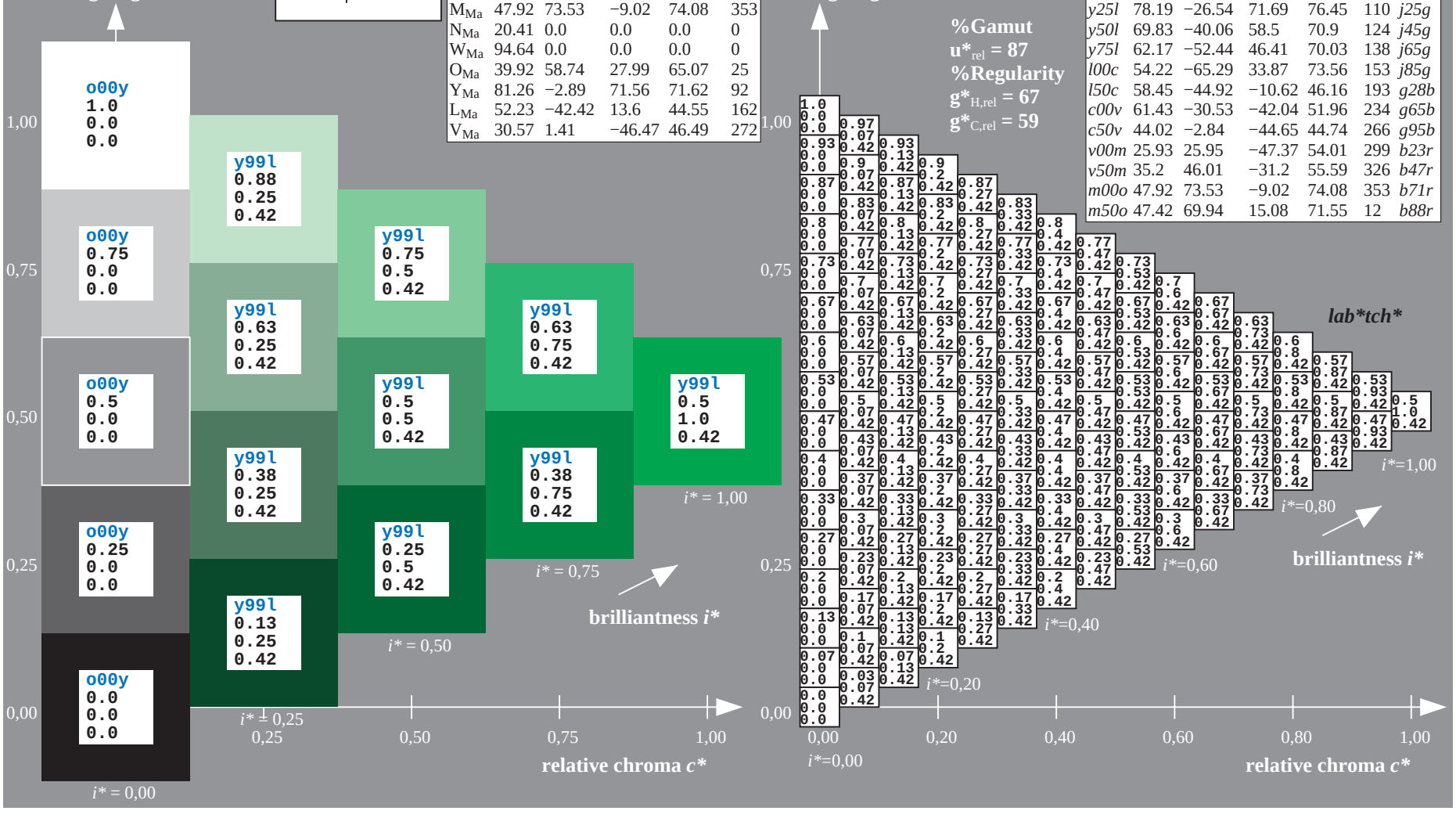
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 54 −65 34
*LAB*LCH**$_{Ma}$: 54 74 152
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.14 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

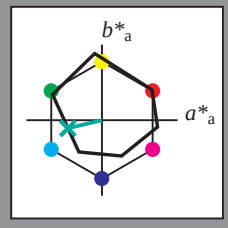
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.537**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
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

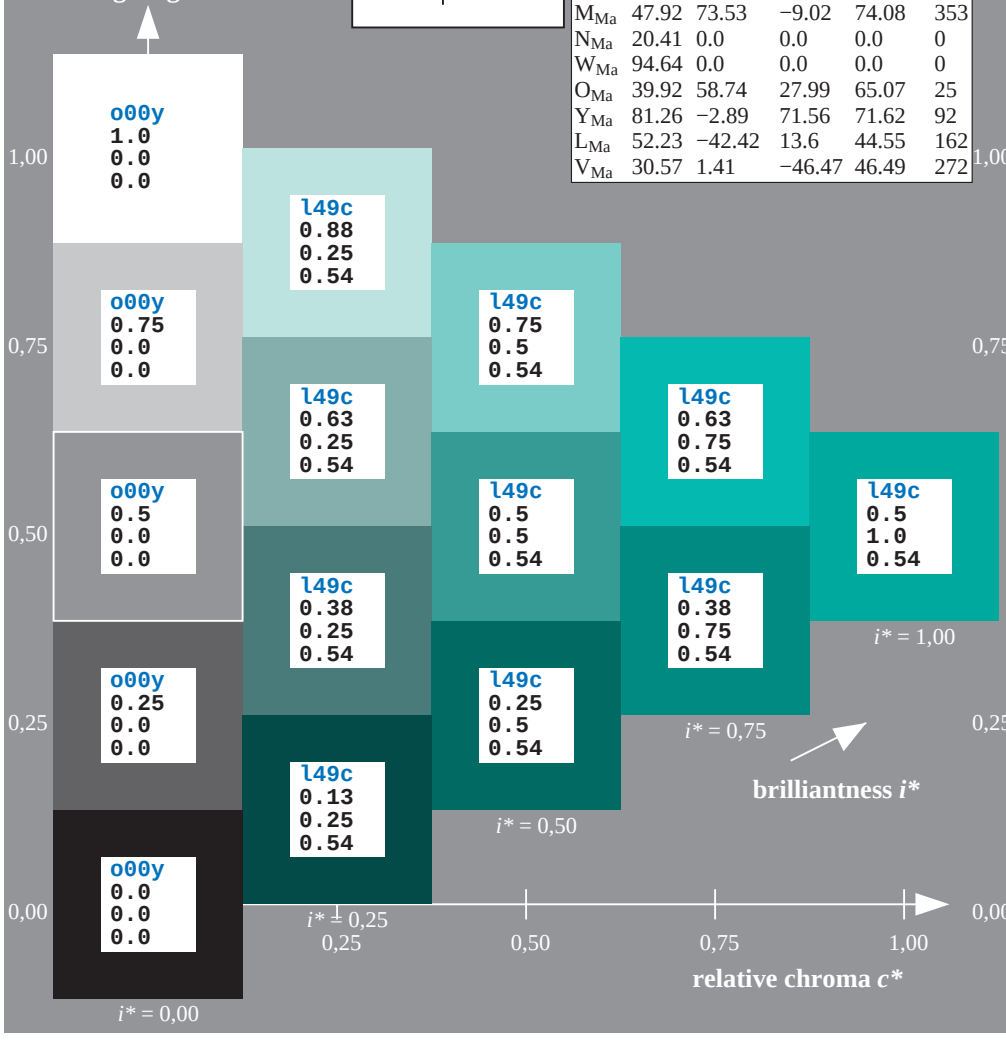
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 58 −45 −11
*LAB*LCH**$_{Ma}$: 58 46 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

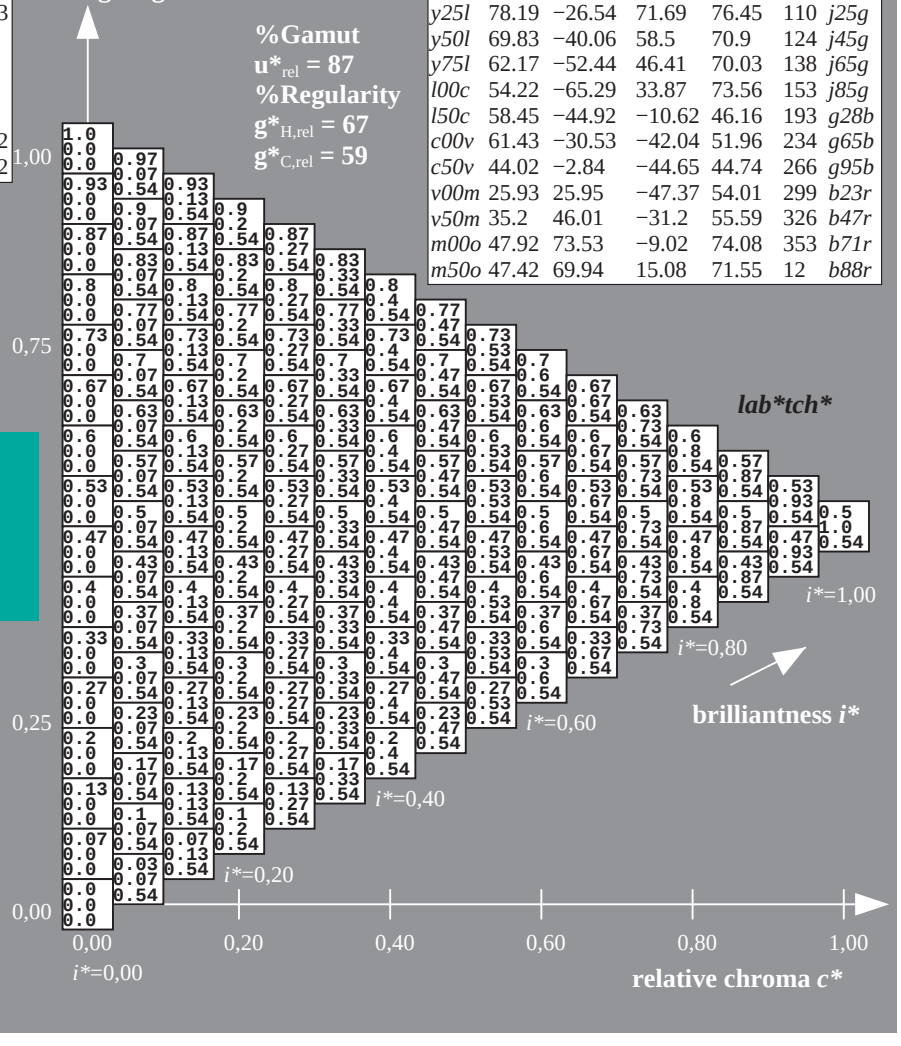
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *l50c*
*lab*tch**

ORS20_95a; adapted (a) CIELAB data

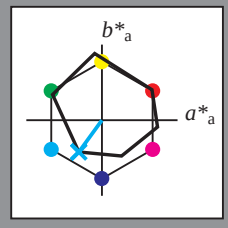
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.65**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g65b*
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

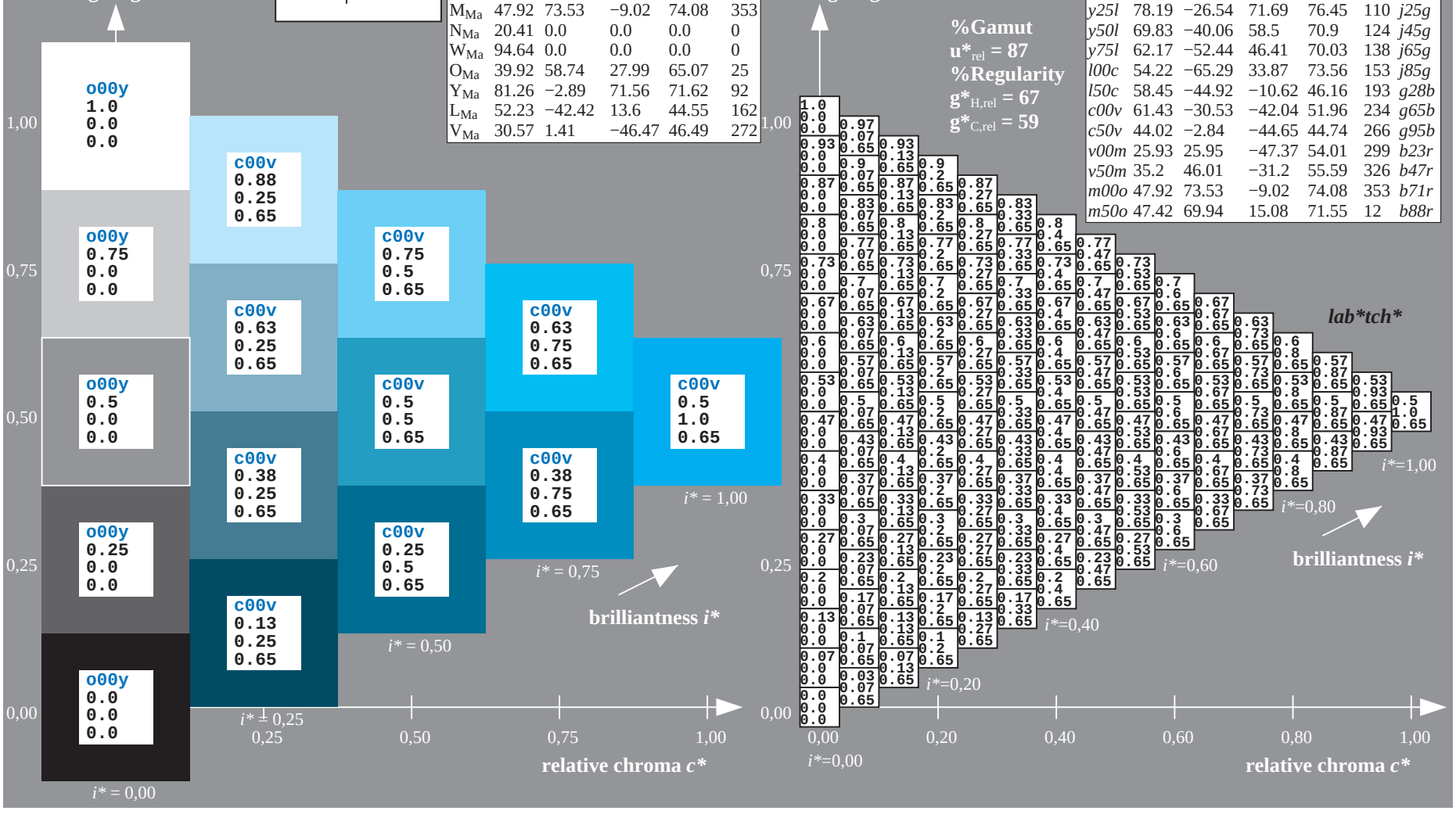
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 61 −31 −42
*LAB*LCH**$_{Ma}$: 61 52 234
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.69 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *c00v*
*lab*tch**

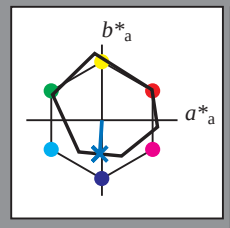
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.74**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g95b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

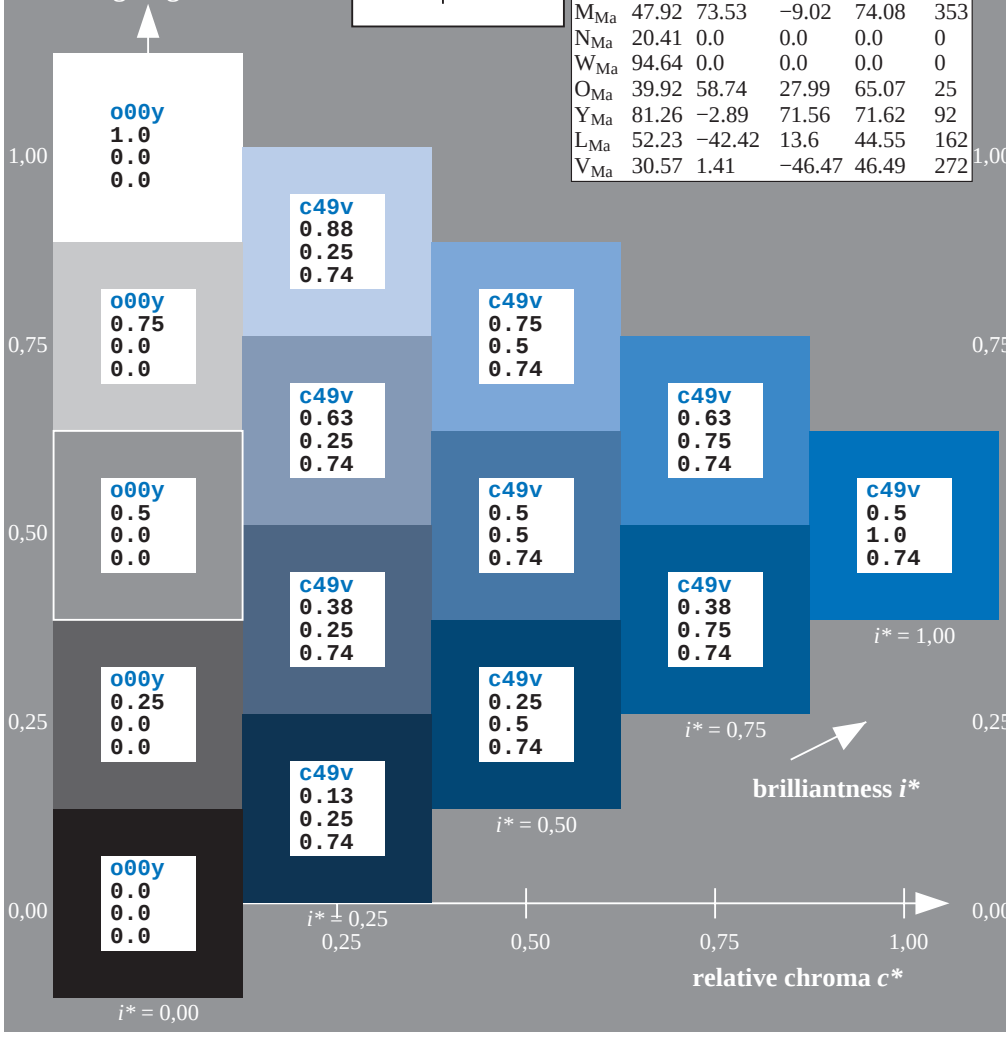
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

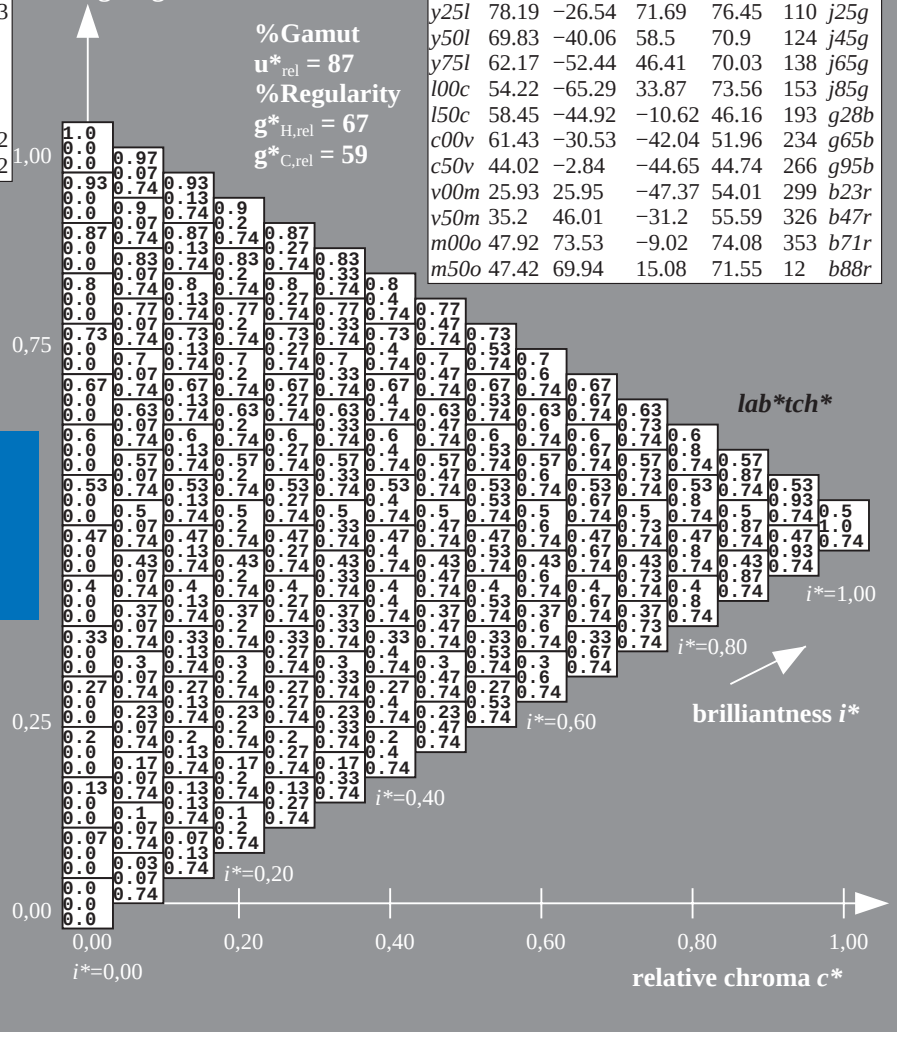
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 44 −3 −45
*LAB*LCH**$_{Ma}$: 44 45 266
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.1 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

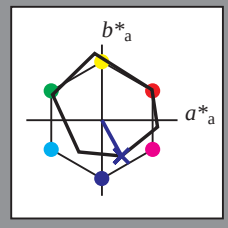
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a 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

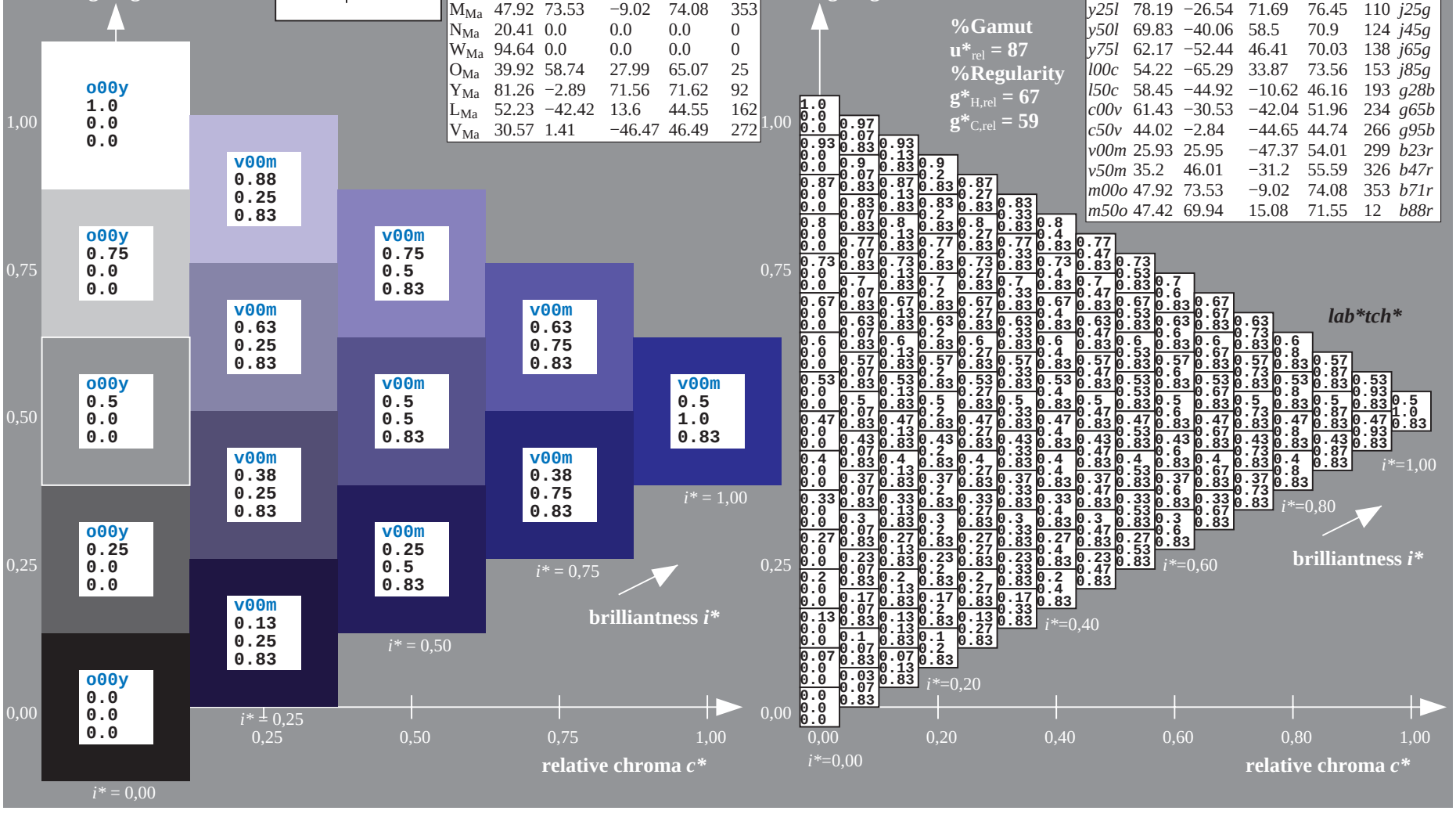
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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*

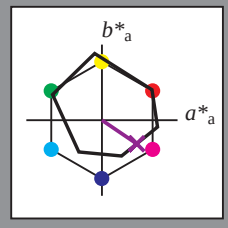


See for similar files: http://www.ps.bam.de/Ee69/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee69/10L/L69E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.905**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

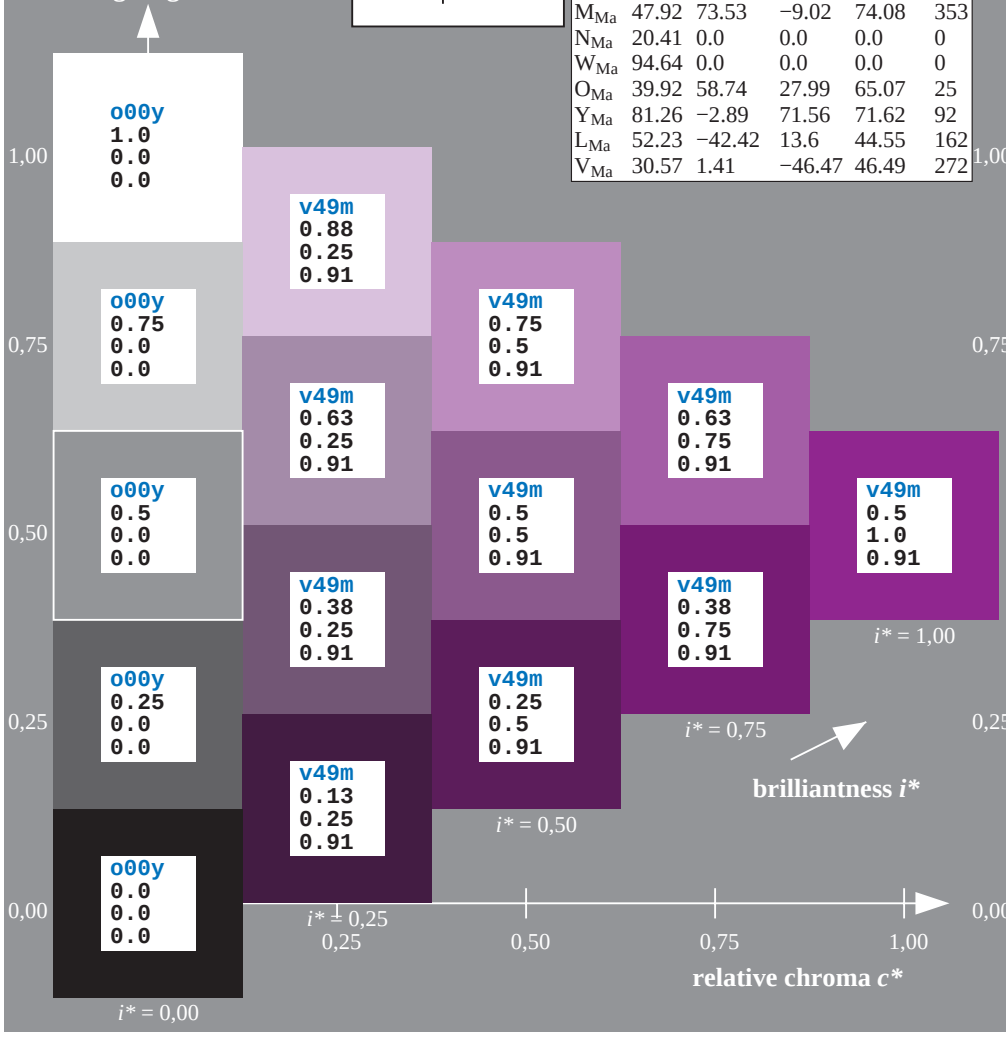
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

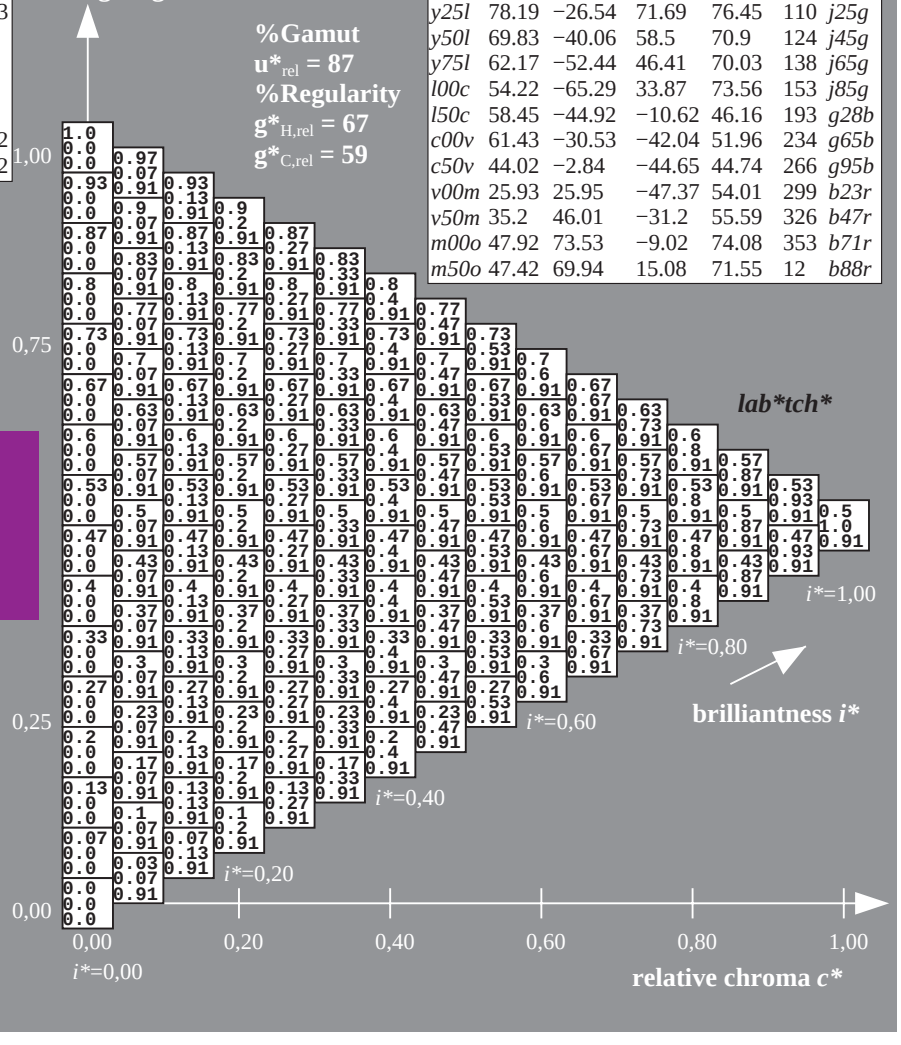
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 35 46 −31
*LAB*LCH**$_{Ma}$: 35 56 325
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.95 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

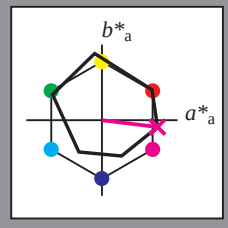
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.981**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

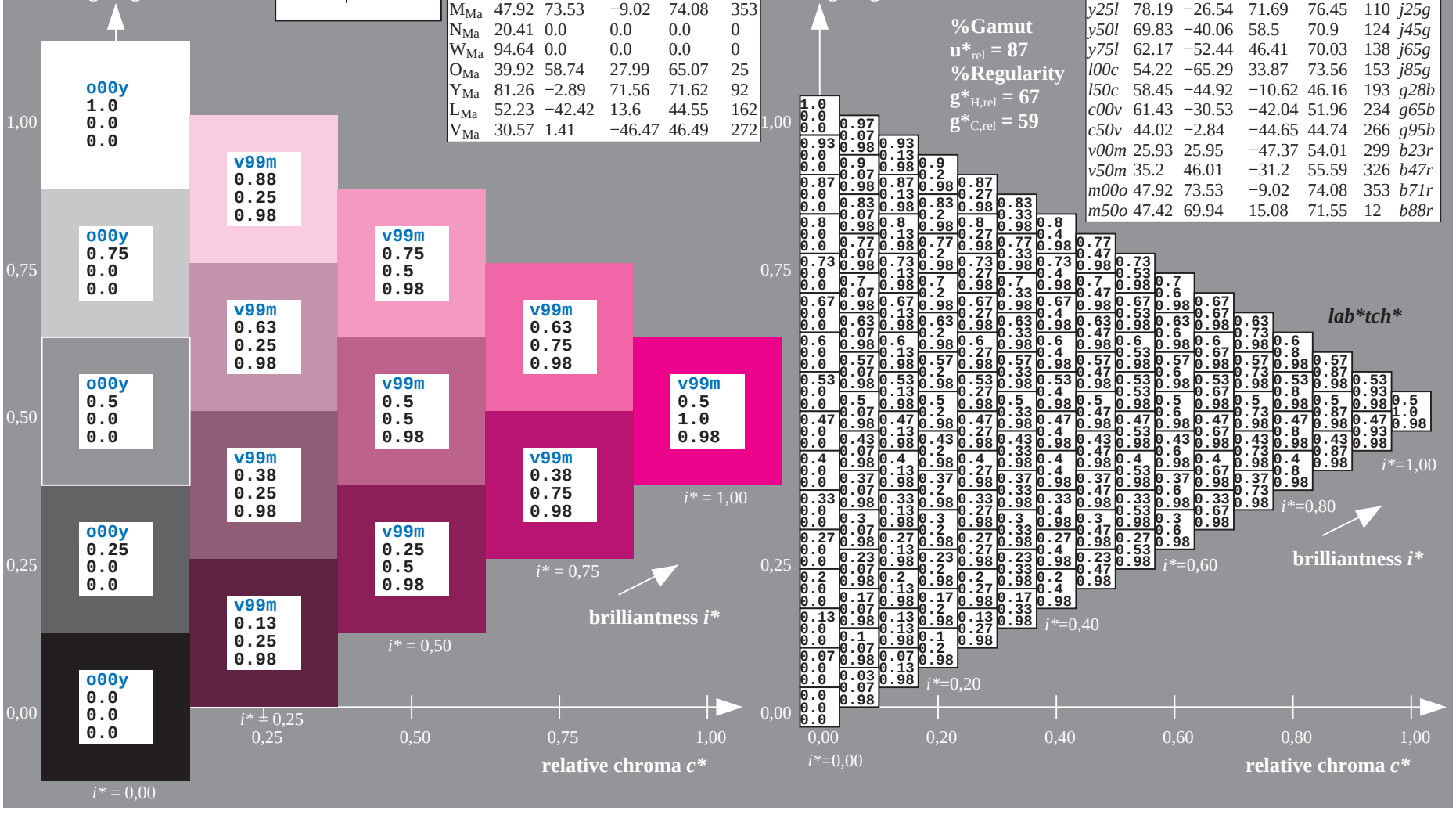
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 48 74 −9
*LAB*LCH**$_{Ma}$: 48 74 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.57
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

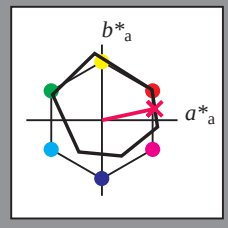
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.034**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

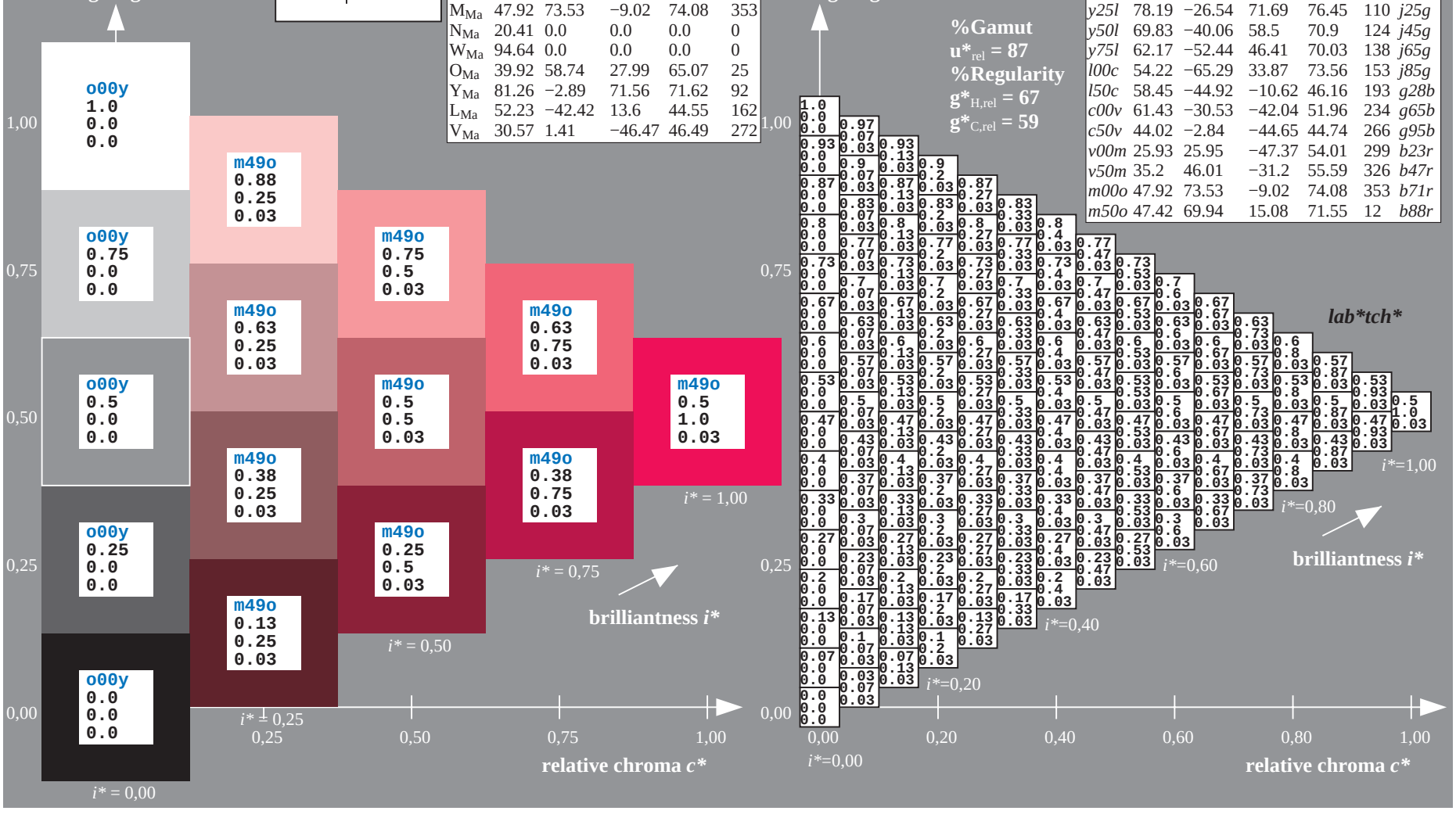
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 47 70 15
*LAB*LCH**$_{Ma}$: 47 72 12
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.23
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*



	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 0.0 0.0	0.06 0.13 0.42	0.13 0.25 0.42	0.19 0.38 0.42	0.25 0.5 0.42	0.31 0.63 0.42	0.38 0.75 0.42	0.44 0.88 0.42	0.5 1.0 0.42	0.06 0.13 0.09	0.06 0.13 0.27	0.13 0.25 0.35	0.19 0.38 0.37	0.25 0.5 0.38	0.31 0.63 0.39	0.38 0.75 0.4	0.44 0.88 0.4	0.5 1.0 0.4	0.13 0.25 0.09	0.13 0.25 0.18	0.13 0.25 0.27	0.19 0.38 0.32	0.25 0.5 0.35	0.31 0.63 0.36	0.38 0.75 0.37	0.44 0.88 0.38	0.5 1.0 0.38	1.0 0.0 0.0	0.94 0.13 0.09	0.88 0.25 0.09	0.81 0.38 0.09	0.75 0.5 0.09	0.69 0.63 0.09	0.63 0.75 0.09	0.56 0.88 0.09	0.5 1.0 0.09	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	0.06 0.13 0.83	0.06 0.13 0.65	0.13 0.25 0.54	0.19 0.38 0.5	0.25 0.5 0.48	0.31 0.63 0.47	0.38 0.75 0.46	0.44 0.88 0.46	0.5 1.0 0.45	0.06 0.13 0.98	0.13 0.0 0.0	0.19 0.13 0.42	0.25 0.25 0.42	0.31 0.38 0.42	0.38 0.5 0.42	0.44 0.63 0.42	0.5 0.75 0.42	0.56 0.88 0.42	0.13 0.25 0.03	0.19 0.13 0.09	0.19 0.13 0.27	0.25 0.25 0.35	0.31 0.38 0.37	0.38 0.5 0.38	0.44 0.63 0.39	0.5 0.75 0.4	0.56 0.88 0.4	0.94 0.13 0.65	0.88 0.0 0.0	0.81 0.13 0.09	0.75 0.25 0.09	0.69 0.38 0.09	0.63 0.5 0.09	0.56 0.63 0.09	0.5 0.75 0.09	0.44 0.88 0.09	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0
03	0.13 0.25 0.83	0.13 0.25 0.74	0.13 0.25 0.65	0.19 0.38 0.57	0.25 0.5 0.54	0.31 0.63 0.51	0.38 0.75 0.5	0.44 0.88 0.49	0.5 1.0 0.48	0.13 0.25 0.91	0.19 0.13 0.83	0.19 0.13 0.65	0.25 0.25 0.54	0.31 0.38 0.5	0.38 0.5 0.48	0.44 0.63 0.47	0.5 0.75 0.46	0.56 0.88 0.46	0.13 0.25 0.98	0.19 0.13 0.98	0.25 0.0 0.0	0.31 0.13 0.42	0.38 0.25 0.42	0.44 0.38 0.42	0.5 0.5 0.42	0.56 0.63 0.42	0.63 0.75 0.42	0.88 0.25 0.65	0.81 0.13 0.65	0.75 0.0 0.0	0.69 0.13 0.09	0.63 0.25 0.09	0.56 0.38 0.09	0.5 0.5 0.09	0.44 0.63 0.09	0.38 0.75 0.09	0.25 0.0 0.0	0.25 0.0 0.0	0.25 0.0 0.0	0.25 0.0 0.0
04	0.19 0.38 0.83	0.19 0.38 0.77	0.19 0.38 0.71	0.19 0.38 0.65	0.25 0.5 0.59	0.31 0.63 0.56	0.38 0.75 0.54	0.44 0.88 0.52	0.5 1.0 0.51	0.19 0.38 0.88	0.25 0.25 0.83	0.25 0.25 0.74	0.25 0.25 0.65	0.31 0.38 0.57	0.38 0.5 0.54	0.44 0.63 0.51	0.5 0.75 0.5	0.56 0.88 0.49	0.19 0.38 0.93	0.25 0.25 0.91	0.31 0.13 0.83	0.31 0.13 0.65	0.38 0.25 0.54	0.44 0.38 0.5	0.5 0.5 0.48	0.56 0.63 0.47	0.63 0.75 0.46	0.81 0.38 0.65	0.75 0.25 0.65	0.69 0.13 0.65	0.63 0.0 0.0	0.56 0.13 0.09	0.5 0.25 0.09	0.44 0.38 0.09	0.38 0.5 0.09	0.31 0.63 0.09	0.38 0.0 0.0	0.38 0.0 0.0	0.38 0.0 0.0	0.38 0.0 0.0
05	0.25 0.5 0.83	0.25 0.5 0.78	0.25 0.5 0.74	0.25 0.5 0.69	0.25 0.5 0.65	0.31 0.63 0.6	0.38 0.75 0.57	0.44 0.88 0.55	0.5 1.0 0.54	0.25 0.5 0.87	0.31 0.38 0.83	0.31 0.38 0.77	0.31 0.38 0.71	0.31 0.38 0.65	0.38 0.5 0.59	0.44 0.63 0.56	0.5 0.75 0.54	0.56 0.88 0.52	0.25 0.5 0.91	0.31 0.38 0.88	0.38 0.25 0.83	0.38 0.25 0.74	0.38 0.25 0.65	0.44 0.38 0.57	0.5 0.5 0.54	0.56 0.63 0.51	0.63 0.75 0.5	0.75 0.5 0.65	0.69 0.38 0.65	0.63 0.25 0.65	0.56 0.13 0.65	0.5 0.0 0.0	0.44 0.13 0.09	0.38 0.25 0.09	0.31 0.38 0.09	0.25 0.5 0.09	0.5 0.0 0.0	0.5 0.0 0.0	0.5 0.0 0.0	0.5 0.0 0.0
06	0.31 0.63 0.83	0.31 0.63 0.79	0.31 0.63 0.76	0.31 0.63 0.72	0.31 0.63 0.69	0.31 0.63 0.65	0.38 0.75 0.61	0.44 0.88 0.59	0.5 1.0 0.57	0.31 0.63 0.86	0.38 0.5 0.83	0.38 0.5 0.78	0.38 0.5 0.74	0.38 0.5 0.69	0.38 0.5 0.65	0.44 0.63 0.6	0.5 0.75 0.57	0.56 0.88 0.55	0.31 0.63 0.89	0.38 0.5 0.87	0.44 0.38 0.83	0.44 0.38 0.77	0.44 0.38 0.71	0.44 0.38 0.65	0.5 0.5 0.59	0.56 0.63 0.56	0.63 0.75 0.54	0.69 0.63 0.65	0.63 0.5 0.65	0.56 0.38 0.65	0.5 0.25 0.65	0.44 0.13 0.65	0.38 0.0 0.0	0.31 0.13 0.09	0.25 0.25 0.09	0.19 0.38 0.09	0.63 0.0 0.0	0.63 0.0 0.0	0.63 0.0 0.0	0.63 0.0 0.0
07	0.38 0.75 0.83	0.38 0.75 0.8	0.38 0.75 0.77	0.38 0.75 0.74	0.38 0.75 0.71	0.38 0.75 0.68	0.38 0.75 0.65	0.44 0.88 0.62	0.5 1.0 0.59	0.38 0.75 0.85	0.44 0.63 0.83	0.44 0.63 0.79	0.44 0.63 0.76	0.44 0.63 0.72	0.44 0.63 0.69	0.44 0.63 0.65	0.5 0.75 0.61	0.56 0.88 0.59	0.38 0.75 0.88	0.44 0.63 0.86	0.5 0.5 0.83	0.5 0.5 0.78	0.5 0.5 0.74	0.5 0.5 0.69	0.5 0.5 0.65	0.56 0.63 0.6	0.63 0.75 0.57	0.63 0.75 0.65	0.56 0.63 0.65	0.5 0.5 0.65	0.44 0.38 0.65	0.38 0.25 0.65	0.31 0.13 0.65	0.25 0.0 0.0	0.19 0.13 0.09	0.13 0.25 0.09	0.75 0.0 0.0	0.75 0.0 0.0	0.75 0.0 0.0	0.75 0.0 0.0
08	0.44 0.88 0.83	0.44 0.88 0.8	0.44 0.88 0.78	0.44 0.88 0.75	0.44 0.88 0.73	0.44 0.88 0.7	0.44 0.88 0.68	0.44 0.88 0.65	0.5 1.0 0.62	0.44 0.88 0.85	0.5 0.75 0.83	0.5 0.75 0.8	0.5 0.75 0.77	0.5 0.75 0.74	0.5 0.75 0.71	0.5 0.75 0.68	0.5 0.75 0.65	0.56 0.88 0.62	0.44 0.88 0.87	0.5 0.75 0.85	0.56 0.63 0.83	0.56 0.63 0.79	0.56 0.63 0.76	0.56 0.63 0.72	0.56 0.63 0.69	0.56 0.63 0.65	0.63 0.75 0.61	0.56 0.88 0.65	0.5 0.75 0.65	0.44 0.63 0.65	0.38 0.5 0.65	0.31 0.38 0.65	0.25 0.25 0.65	0.19 0.13 0.65	0.13 0.0 0.0	0.06 0.13 0.09	0.88 0.0 0.0	0.88 0.0 0.0	0.88 0.0 0.0	0.88 0.0 0.0
09	0.5 1.0 0.83	0.5 1.0 0.81	0.5 1.0 0.78	0.5 1.0 0.76	0.5 1.0 0.74	0.5 1.0 0.72	0.5 1.0 0.69	0.5 1.0 0.67	0.5 1.0 0.65	0.5 1.0 0.85	0.56 0.88 0.83	0.56 0.88 0.8	0.56 0.88 0.78	0.56 0.88 0.75	0.56 0.88 0.73	0.56 0.88 0.7	0.56 0.88 0.68	0.56 0.88 0.65	0.5 1.0 0.87	0.56 0.88 0.85	0.63 0.75 0.83	0.63 0.75 0.8	0.63 0.75 0.77	0.63 0.75 0.74	0.63 0.75 0.71	0.63 0.75 0.68	0.63 0.75 0.65	0.5 1.0 0.65	0.44 0.88 0.65	0.38 0.75 0.65	0.31 0.63 0.65	0.25 0.5 0.65	0.19 0.38 0.65	0.13 0.25 0.65	0.06 0.13 0.65	0.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0
10	0.19 0.38 0.09	0.19 0.38 0.15	0.19 0.38 0.21	0.19 0.38 0.27	0.25 0.5 0.31	0.31 0.63 0.33	0.38 0.75 0.35	0.44 0.88 0.36	0.5 1.0 0.37	0.25 0.5 0.09	0.25 0.5 0.13	0.25 0.5 0.18	0.25 0.5 0.22	0.25 0.5 0.27	0.31 0.63 0.3	0.38 0.75 0.32	0.44 0.88 0.33	0.5 1.0 0.35	0.31 0.63 0.09	0.31 0.63 0.12	0.31 0.63 0.16	0.31 0.63 0.2	0.31 0.63 0.23	0.31 0.63 0.27	0.38 0.75 0.29	0.44 0.88 0.31	0.5 1.0 0.33	1.0 0.0 0.0	0.94 0.13 0.27	0.88 0.25 0.27	0.81 0.38 0.27	0.75 0.5 0.27	0.69 0.63 0.27	0.63 0.75 0.27	0.56 0.88 0.27	0.5 1.0 0.27	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
11	0.19 0.38 0.05	0.25 0.25 0.09	0.25 0.25 0.18	0.25 0.25 0.27	0.31 0.38 0.32	0.38 0.5 0.35	0.44 0.63 0.36	0.5 0.75 0.37	0.56 0.88 0.38	0.25 0.5 0.06	0.31 0.38 0.09	0.31 0.38 0.15	0.31 0.38 0.21	0.31 0.38 0.27	0.38 0.5 0.31	0.44 0.63 0.33	0.5 0.75 0.35	0.56 0.88 0.36	0.31 0.63 0.07	0.38 0.5 0.09	0.38 0.5 0.13	0.38 0.5 0.18	0.38 0.5 0.22	0.38 0.5 0.27	0.44 0.63 0.3	0.5 0.75 0.32	0.56 0.88 0.33	0.94 0.13 0.83	0.88 0.0 0.0	0.81 0.13 0.27	0.75 0.25 0.27	0.69 0.38 0.27	0.63 0.5 0.27	0.56 0.63 0.27	0.5 0.75 0.27	0.44 0.88 0.27	0.07 0.0 0.0	0.07 0.0 0.0	0.07 0.0 0.0	0.07 0.0 0.0
12	0.19 0.38 0.02	0.25 0.25 0.03	0.31 0.13 0.09	0.31 0.13 0.27	0.38 0.25 0.35	0.44 0.38 0.37	0.5 0.5 0.38	0.56 0.63 0.39	0.63 0.75 0.4	0.25 0.5 0.03	0.31 0.38 0.05	0.38 0.25 0.09	0.38 0.25 0.18	0.38 0.25 0.27	0.44 0.38 0.32	0.5 0.5 0.35	0.56 0.63 0.36	0.63 0.75 0.37	0.31 0.63 0.04	0.38 0.5 0.06	0.44 0.38 0.09	0.44 0.38 0.15	0.44 0.38 0.21	0.44 0.38 0.27	0.5 0.5 0.31	0.56 0.63 0.33	0.63 0.75 0.35	0.88 0.25 0.83	0.81 0.13 0.83	0.75 0.0 0.0	0.69 0.13 0.27	0.63 0.25 0.27	0.56 0.38 0.27	0.5 0.5 0.27	0.44 0.63 0.27	0.38 0.75 0.27	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0
13	0.19 0.38 0.98	0.25 0.25 0.98	0.31 0.13 0.98	0.38 0.0 0.0	0.44 0.13 0.42	0.5 0.25 0.42	0.56 0.38 0.42	0.63 0.5 0.42	0.69 0.63 0.42	0.25 0.5 0.01	0.31 0.38 0.02	0.38 0.25 0.03	0.44 0.13 0.09	0.44 0.13 0.27	0.5 0.25 0.35	0.56 0.38 0.37	0.63 0.5 0.38	0.69 0.63 0.39	0.31 0.63 0.02	0.38 0.5 0.03	0.44 0.38 0.05	0.5 0.25 0.09	0.5 0.25 0.18	0.5 0.25 0.27	0.56 0.38 0.32	0.63 0.5 0.35	0.69 0.63 0.36	0.81 0.38 0.83	0.75 0.25 0.83	0.69 0.13 0.83	0.63 0.0 0.0	0.56 0.13 0.27	0.5 0.25 0.27	0.44 0.38 0.27	0.38 0.5 0.27	0.31 0.63 0.27	0.2 0.0 0.0	0.2 0.0 0.0	0.2 0.0 0.0	0.2 0.0 0.0
14	0.25 0.5 0.94	0.31 0.38 0.93	0.38 0.25 0.91	0.44 0.13 0.83	0.44 0.13 0.65	0.5 0.25 0.54	0.56 0.38 0.5	0.63 0.5 0.48	0.69 0.63 0.47	0.25 0.5 0.98	0.31 0.38 0.98	0.38 0.25 0.98	0.44 0.13 0.98	0.5 0.0 0.0	0.56 0.13 0.42	0.63 0.25 0.42	0.69 0.38 0.42	0.75 0.5 0.42	0.31 0.63 0.0	0.38 0.5 0.01	0.44 0.38 0.02	0.5 0.25 0.03	0.56 0.13 0.09	0.56 0.13 0.27	0.63 0.25 0.35	0.69 0.38 0.37	0.75 0.5 0.38	0.75 0.5 0.83	0.69 0.38 0.83	0.63 0.25 0.83	0.56 0.13 0.83	0.5 0.0 0.0	0.44 0.13 0.27	0.38 0.25 0.27	0.31 0.38 0.27	0.25 0.5 0.27	0.27 0.0 0.0	0.27 0.0 0.0	0.27 0.0 0.0	0.27 0.0 0.0
15	0.31 0.63 0.92	0.38 0.5 0.91	0.44 0.38 0.88	0.5 0.25 0.83	0.5 0.25 0.74	0.5 0.25 0.65	0.56 0.38 0.57	0.63 0.5 0.54	0.69 0.63 0.51	0.31 0.63 0.95	0.38 0.5 0.94	0.44 0.38 0.93	0.5 0.25 0.91	0.56 0.13 0.83	0.56 0.13 0.65	0.63 0.25 0.54	0.69 0.38 0.5	0.75 0.5 0.48	0.31 0.63 0.98	0.38 0.5 0.98	0.44 0.38 0.98	0.5 0.25 0.98	0.56 0.13 0.98	0.63 0.0 0.0	0.69 0.13 0.42	0.75 0.25 0.42	0.81 0.38 0.42	0.69 0.63 0.83	0.63 0.5 0.83	0.56 0.38 0.83	0.5 0.25 0.83	0.44 0.13 0.83	0.38 0.0 0.0	0.31 0.13 0.27	0.25 0.25 0.27	0.19 0.38 0.27	0.33 0.0 0.0	0.33 0.0 0.0	0.33 0.0 0.0	0.33 0.0 0.0
16	0.38 0.75 0.91	0.44 0.63 0.89	0.5 0.5 0.87	0.56 0.38 0.83	0.56 0.38 0.77	0.56 0.38 0.71	0.56 0.38 0.65	0.63 0.5 0.59	0.69 0.63 0.56	0.38 0.75 0.93	0.44 0.63 0.92	0.5 0.5 0.91	0.56 0.38 0.88	0.63 0.25 0.83	0.63 0.25 0.74	0.63 0.25 0.65	0.69 0.38 0.57	0.75 0.5 0.54	0.38 0.75 0.96	0.44 0.63 0.95	0.5 0.5 0.94	0.56 0.38 0.93	0.63 0.25 0.91	0.69 0.13 0.83	0.69 0.13 0.65	0.75 0.25 0.54	0.81 0.38 0.5	0.63 0.75 0.83	0.56 0.63 0.83	0.5 0.5 0.83	0.44 0.38 0.83	0.38 0.25 0.83	0.31 0.13 0.83	0.25 0.0 0.0	0.19 0.13 0.27	0.13 0.25 0.27	0.4 0.0 0.0	0.4 0.0 0.0	0.4 0.0 0.0	0.4 0.0 0.0
17	0.44 0.88 0.89	0.5 0.75 0.88	0.56 0.63 0.86	0.63 0.5 0.83	0.63 0.5 0.78	0.63 0.5 0.74	0.63 0.5 0.69	0.63 0.5 0.65	0.69 0.63 0.6	0.44 0.88 0.92	0.5 0.75 0.91	0.56 0.63 0.89	0.63 0.5 0.87	0.69 0.38 0.83	0.69 0.38 0.77	0.69 0.38 0.71	0.69 0.38 0.65	0.75 0.5 0.59	0.44 0.88 0.94	0.5 0.75 0.93	0.56 0.63 0.92	0.63 0.5 0.91	0.69 0.38 0.88	0.75 0.25 0.83	0.75 0.25 0.74	0.75 0.25 0.65	0.81 0.38 0.57	0.56 0.88 0.83	0.5 0.75 0.83	0.44 0.63 0.83	0.38 0.5 0.83	0.31 0.38 0.83	0.25 0.25 0.83	0.19 0.13 0.83	0.13 0.0 0.0	0.06 0.13 0.27	0.47 0.0 0.0	0.47 0.0 0.0	0.47 0.0 0.0	0.47 0.0 0.0
18	0.5 1.0 0.89	0.56 0.88 0.87	0.63 0.75 0.85	0.69 0.63 0.83	0.69 0.63 0.79	0.69 0.63 0.76	0.69 0.63 0.72	0.69 0.63 0.69	0.69 0.63 0.65	0.5 1.0 0.91	0.56 0.88 0.89	0.63 0.75 0.88	0.69 0.63 0.86	0.75 0.5 0.83	0.75 0.5 0.78	0.75 0.5 0.74	0.75 0.5 0.69	0.75 0.5 0.65	0.5 1.0 0.92	0.56 0.88 0.92	0.63 0.75 0.91	0.69 0.63 0.89	0.75 0.5 0.87	0.81 0.38 0.83	0.81 0.38 0.77	0.81 0.38 0.71	0.81 0.38 0.65	0.5 1.0 0.83	0.44 0.88 0.83	0.38 0.75 0.83	0.31 0.63 0.83	0.25 0.5 0.83	0.19 0.38 0.83	0.13 0.25 0.83	0.06 0.13 0.83	0.0 0.0 0.0	0.53 0.0 0.0	0.53 0.0 0.0	0.53 0.0 0.0	0.53 0.0 0.0
19	0.38 0.75 0.09	0.38 0.75 0.12	0.38 0.75 0.15	0.38 0.75 0.18	0.38 0.75 0.21	0.38 0.75 0.24	0.38 0.75 0.27	0.44 0.88 0.29	0.5 1.0 0.31	0.44 0.88 0.09	0.44 0.88 0.11	0.44 0.88 0.14	0.44 0.88 0.16	0.44 0.88 0.19	0.44 0.88 0.22	0.44 0.88 0.24	0.44 0.88 0.27	0.5 1.0 0.29	0.5 1.0 0.09	0.5 1.0 0.11	0.5 1.0 0.13	0.5 1.0 0.15	0.5 1.0 0.18	0.5 1.0 0.2	0.5 1.0 0.22	0.5 1.0 0.24	0.5 1.0 0.27	1.0 0.0 0.0	0.94 0.13 0.42	0.88 0.25 0.42	0.81 0.38 0.42	0.75 0.5 0.42	0.69 0.63 0.42	0.63 0.75 0.42	0.56 0.88 0.42	0.5 1.0 0.42	0.6 0.0 0.0	0.6 0.0 0.0	0.6 0.0 0.0	0.6 0.0 0.0
20	0.38 0.75 0.07	0.44 0.63 0.09	0.44 0.63 0.12	0.44 0.63 0.16	0.44 0.63 0.2	0.44 0.63 0.23	0.44 0.63 0.27	0.5 0.75 0.29	0.56 0.88 0.31	0.44 0.88 0.07	0.5 0.75 0.09	0.5 0.75 0.12	0.5 0.75 0.15	0.5 0.75 0.18	0.5 0.75 0.21	0.5 0.75 0.24	0.5 0.75 0.27	0.56 0.88 0.29	0.5 1.0 0.07	0.56 0.88 0.09	0.56 0.88 0.11	0.56 0.88 0.14	0.56 0.88 0.16	0.56 0.88 0.19	0.56 0.88 0.22	0.56 0.88 0.24	0.56 0.88 0.27	0.94 0.13 0.98	0.88 0.0 0.0	0.81 0.13 0.42	0.75 0.25 0.42	0.69 0.38 0.42	0.63 0.5 0.42	0.56 0.63 0.42	0.5 0.75 0.42	0.44 0.88 0.42	0.67 0.0 0.0	0.67 0.0 0.0	0.67 0.0 0.0	0.67 0.0 0.0
21	0.38 0.75 0.05	0.44 0.63 0.07	0.5 0.5 0.09	0.5 0.5 0.13	0.5 0.5 0.18	0.5 0.5 0.22	0.5 0.5 0.27	0.56 0.63 0.3	0.63 0.75 0.32	0.44 0.88 0.06	0.5 0.75 0.07	0.56 0.63 0.09	0.56 0.63 0.12	0.56 0.63 0.16	0.56 0.63 0.2	0.56 0.63 0.23	0.56 0.63 0.27	0.63 0.75 0.29	0.5 1.0 0.06	0.56 0.88 0.07	0.63 0.75 0.09	0.63 0.75 0.12	0.63 0.75 0.15	0.63 0.75 0.18	0.63 0.75 0.21	0.63 0.75 0.24	0.63 0.75 0.27	0.88 0.25 0.98	0.81 0.13 0.98	0.75 0.0 0.0	0.69 0.13 0.42	0.63 0.25 0.42	0.56 0.38 0.42	0.5 0.5 0.42	0.44 0.63 0.42	0.38 0.75 0.42	0.73 0.0 0.0	0.73 0.0 0.0	0.73 0.0 0.0	0.73 0.0 0.0
22	0.38 0.75 0.03	0.44 0.63 0.04	0.5 0.5 0.06	0.56 0.38 0.09	0.56 0.38 0.15	0.56 0.38 0.21	0.56 0.38 0.27	0.63 0.5 0.31	0.69 0.63 0.33	0.44 0.88 0.04	0.5 0.75 0.05	0.56 0.63 0.07	0.63 0.5 0.09	0.63 0.5 0.13	0.63 0.5 0.18	0.63 0.5 0.22	0.63 0.5 0.27	0.69 0.63 0.3	0.5 1.0 0.05	0.56 0.88 0.06	0.63 0.75 0.07	0.69 0.63 0.09	0.69 0.63 0.12	0.69 0.63 0.16	0.69 0.63 0.2	0.69 0.63 0.23	0.69 0.63 0.27	0.81 0.38 0.98	0.75 0.25 0.98	0.69 0.13 0.98	0.63 0.0 0.0	0.56 0.13 0.42	0.5 0.25 0.42	0.44 0.38 0.42	0.38 0.5 0.42	0.31 0.63 0.42	0.8 0.0 0.0	0.8 0.0 0.0	0.8 0.0 0.0	0.8 0.0 0.0
23	0.38 0.75 0.02	0.44 0.63 0.02	0.5 0.5 0.03	0.56 0.38 0.05	0.63 0.25 0.09	0.63 0.25 0.18	0.63 0.25 0.27	0.69 0.38 0.32	0.75 0.5 0.35	0.44 0.88 0.03	0.5 0.75 0.03	0.56 0.63 0.04	0.63 0.5 0.06	0.69 0.38 0.09	0.69 0.38 0.15	0.69 0.38 0.21	0.69 0.38 0.27	0.75 0.5 0.31	0.5 1.0 0.03	0.56 0.88 0.04	0.63 0.75 0.05	0.69 0.63 0.07	0.75 0.5 0.09	0.75 0.5 0.13	0.75 0.5 0.18	0.75 0.5 0.22	0.75 0.5 0.27	0.75 0.5 0.98	0.69 0.38 0.98	0.63 0.25 0.98	0.56 0.13 0.98	0.5 0.0 0.0	0.44 0.13 0.42	0.38 0.25 0.42	0.31 0.38 0.42	0.25 0.5 0.42	0.87 0.0 0.0	0.87 0.0 0.0	0.87 0.0 0.0	0.87 0.0 0.0
24	0.38 0.75 1.0	0.44 0.63 0.0	0.5 0.5 0.01	0.56 0.38 0.02	0.63 0.25 0.03	0.69 0.13 0.09	0.69 0.13 0.27	0.75 0.25 0.35	0.81 0.38 0.37	0.44 0.88 0.01	0.5 0.75 0.02	0.56 0.63 0.02	0.63 0.5 0.03	0.69 0.38 0.05	0.75 0.25 0.09	0.75 0.25 0.18	0.75 0.25 0.27	0.81 0.38 0.32	0.5 1.0 0.02	0.56 0.88 0.03	0.63 0.75 0.03	0.69 0.63 0.04	0.75 0.5 0.06	0.81 0.38 0.09	0.81 0.38 0.15	0.81 0.38 0.21	0.81 0.38 0.27	0.69 0.63 0.98	0.63 0.5 0.98	0.56 0.38 0.98	0.5 0.25 0.98	0.44 0.13 0.98	0.38 0.0 0.0	0.31 0.13 0.42	0.25 0.25 0.42	0.19 0.38 0.42	0.93 0.0 0.0	0.93 0.0 0.0	0.93 0.0 0.0	0.93 0.0 0.0
25	0.38 0.75 0.98	0.44 0.63 0.98	0.5 0.5 0.98	0.56 0.38 0.98	0.63 0.25 0.98	0.69 0.13 0.98	0.75 0.0 0.0	0.81 0.13 0.42	0.88 0.25 0.42	0.44 0.88 1.0	0.5 0.75 1.0	0.56 0.63 0.0	0.63 0.5 0.01	0.69 0.38 0.02	0.75 0.25 0.03	0.81 0.13 0.09	0.81 0.13 0.27	0.88 0.25 0.35	0.5 1.0 0.01	0.56 0.88 0.01	0.63 0.75 0.02	0.69 0.63 0.02	0.75 0.5 0.03	0.81 0.38 0.05	0.88 0.25 0.09	0.88 0.25 0.18	0.88 0.25 0.27	0.63 0.75 0.98	0.56 0.63 0.98	0.5 0.5 0.98	0.44 0.38 0.98	0.38 0.25 0.98	0.31 0.13 0.98	0.25 0.0 0.0	0.19 0.13 0.42	0.13 0.25 0.42	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0
26	0.44 0.88 0.96	0.5 0.75 0.96	0.56 0.63 0.95	0.63 0.5 0.94	0.69 0.38 0.93	0.75 0.25 0.91	0.81 0.13 0.83	0.81 0.13 0.65	0.88 0.25 0.54	0.44 0.88 0.98	0.5 0.75 0.98	0.56 0.63 0.98	0.63 0.5 0.98	0.69 0.38 0.98	0.75 0.25 0.98	0.81 0.13 0.98	0.88 0.0 0.0	0.94 0.13 0.42	0.5 1.0 0.99	0.56 0.88 1.0	0.63 0.75 1.0	0.69 0.63 0.0	0.75 0.5 0.01	0.81 0.38 0.02	0.88 0.25 0.03	0.94 0.13 0.09	0.94 0.13 0.27	0.56 0.88 0.98	0.5 0.75 0.98	0.44 0.63 0.98	0.38 0.5 0.98	0.31 0.38 0.98	0.25 0.25 0.98	0.19 0.13 0.98	0.13 0.0 0.0	0.06 0.13 0.42	0.0 0.0 0.0	0.5 1.0 0.09	0.5 1.0 0.27	0.5 1.0 0.42
27	0.5 1.0 0.94	0.56 0.88 0.94	0.63 0.75 0.93	0.69 0.63 0.92	0.75 0.5 0.91	0.81 0.38 0.88	0.88 0.25 0.83	0.88 0.25 0.74	0.88 0.25 0.65	0.5 1.0 0.96	0.56 0.88 0.96	0.63 0.75 0.96	0.69 0.63 0.95	0.75 0.5 0.94	0.81 0.38 0.93	0.88 0.25 0.91	0.94 0.13 0.83	0.94 0.13 0.65	0.5 1.0 0.98	0.56 0.88 0.98	0.63 0.75 0.98	0.69 0.63 0.98	0.75 0.5 0.98	0.81 0.38 0.98	0.88 0.25 0.98	0.94 0.13 0.98	1.0 0.0 0.0	0.5 1.0 0.98	0.44 0.88 0.98	0.38 0.75 0.98	0.31 0.63 0.98	0.25 0.5 0.98	0.19 0.38 0.98	0.13 0.25 0.98	0.06 0.13 0.98	0.0 0.0 0.0	1.0 0.0 0.0	0.5 1.0 0.65	0.5 1.0 0.83	0.5 1.0 0.98

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

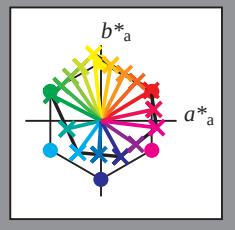
BAM registration: 20081001-Ee69/10L/L69E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmyn6* setcmykcolor*

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

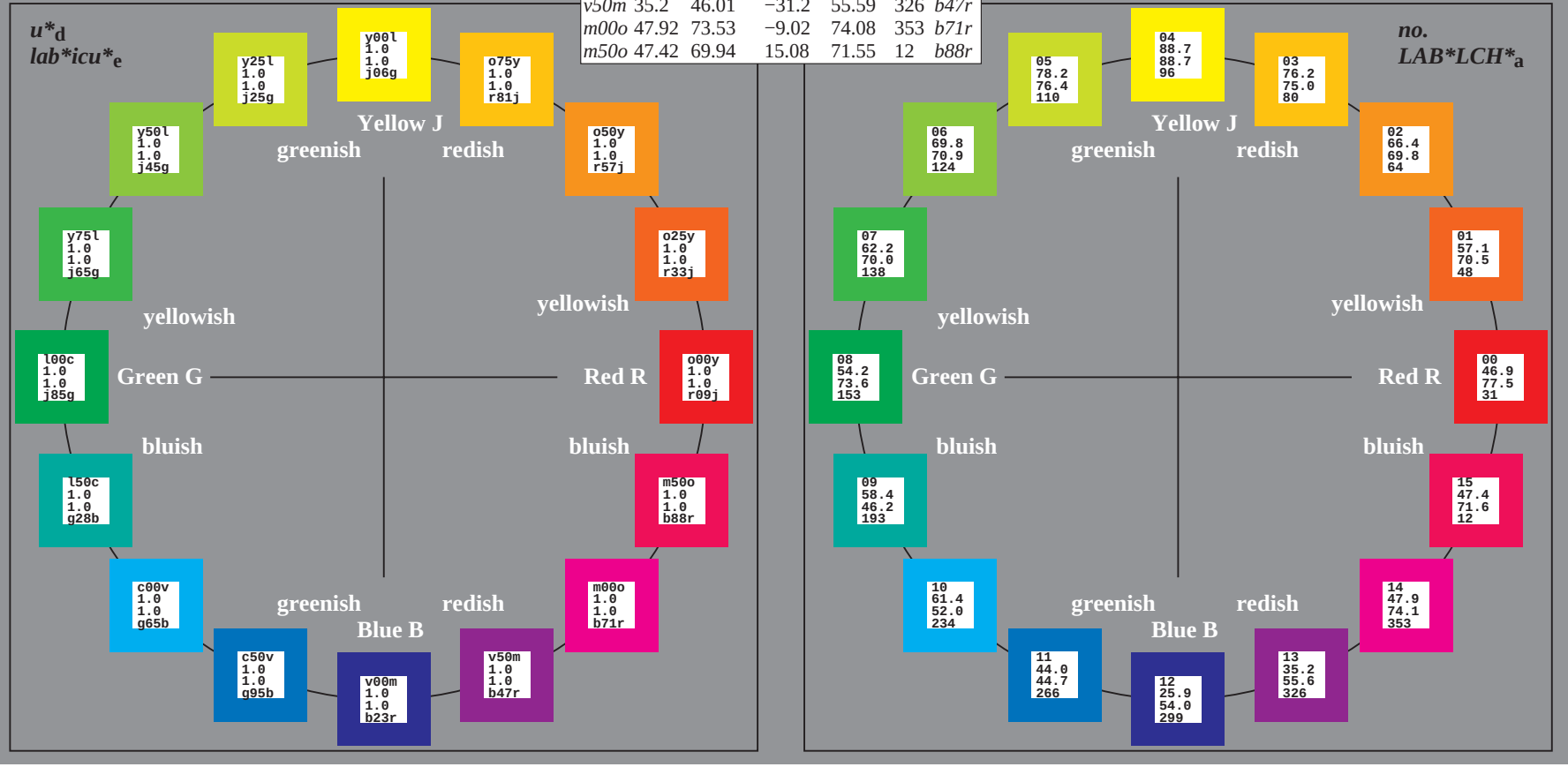
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*



%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

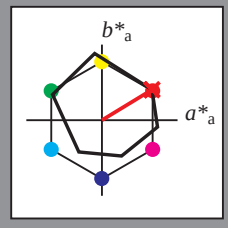
ORS20_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	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_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.087**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r09j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

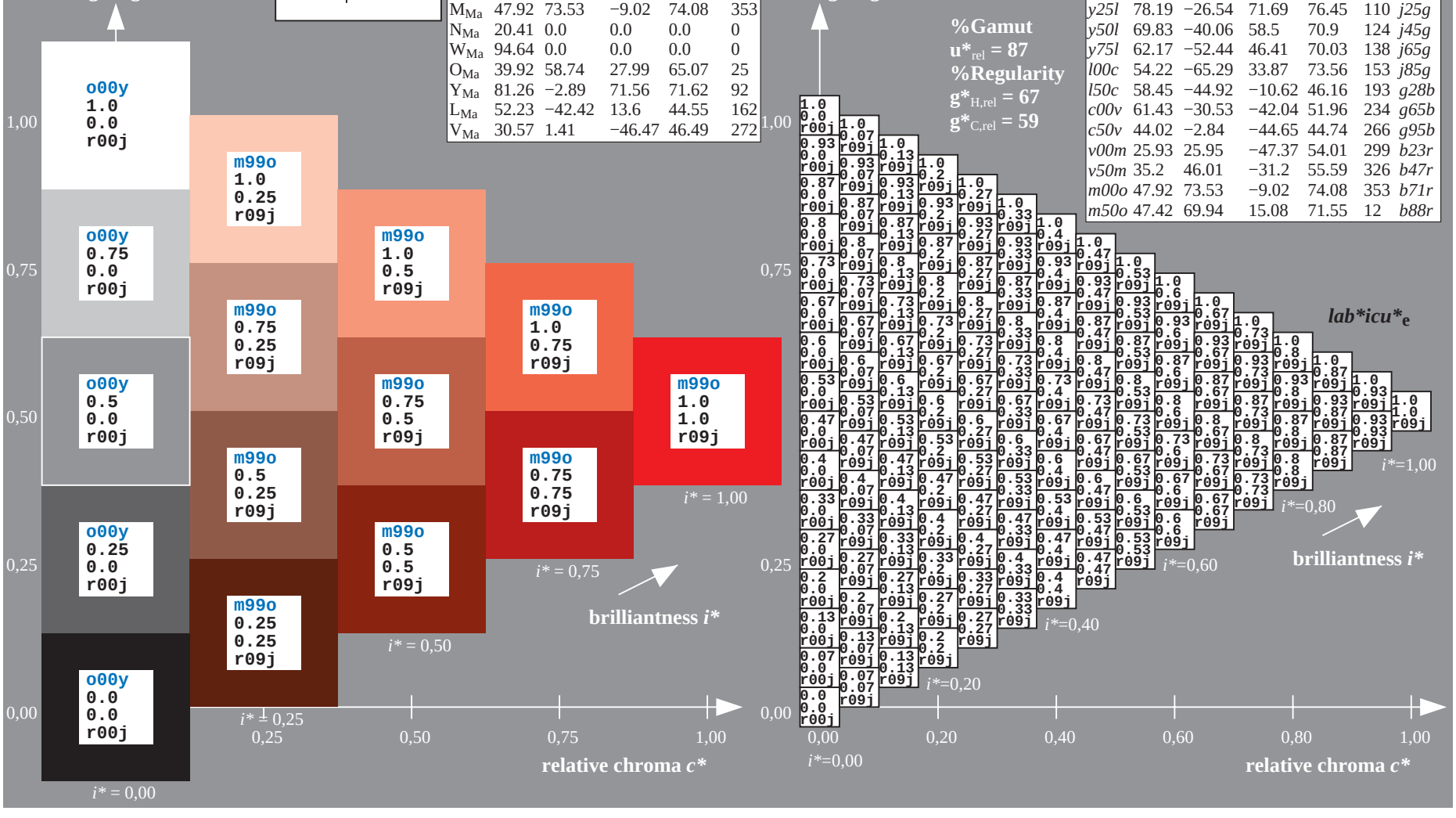
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 47 66 40
*LAB*LCH**$_{Ma}$: 47 77 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

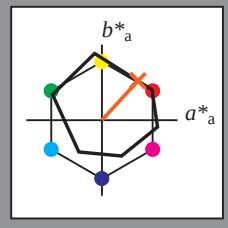
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.132**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
c_R = 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

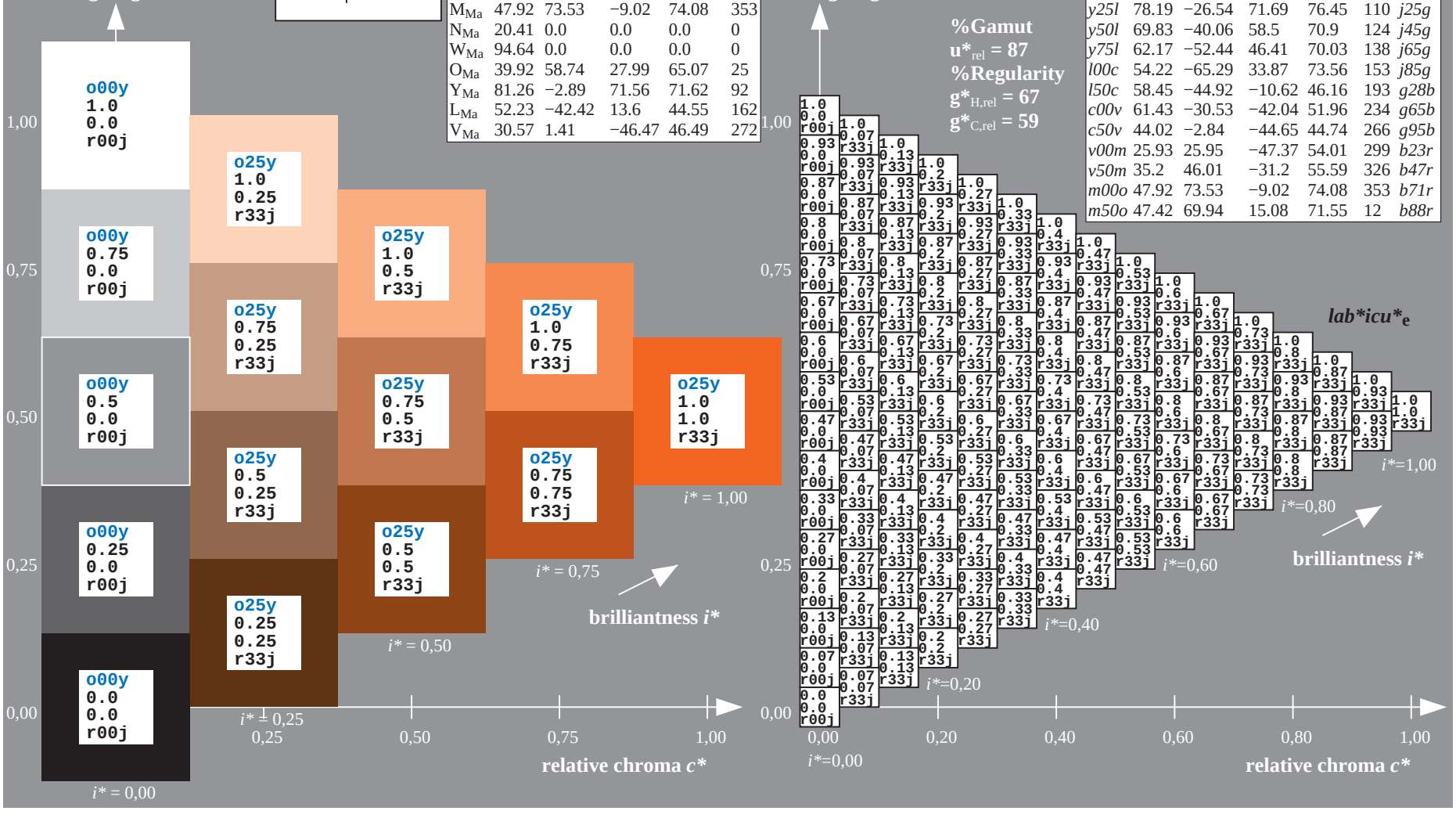
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 57 48 52
*LAB*LCH**$_{Ma}$: 57 71 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

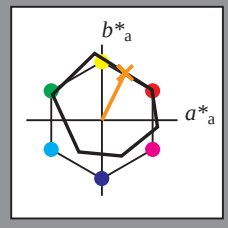
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.177**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



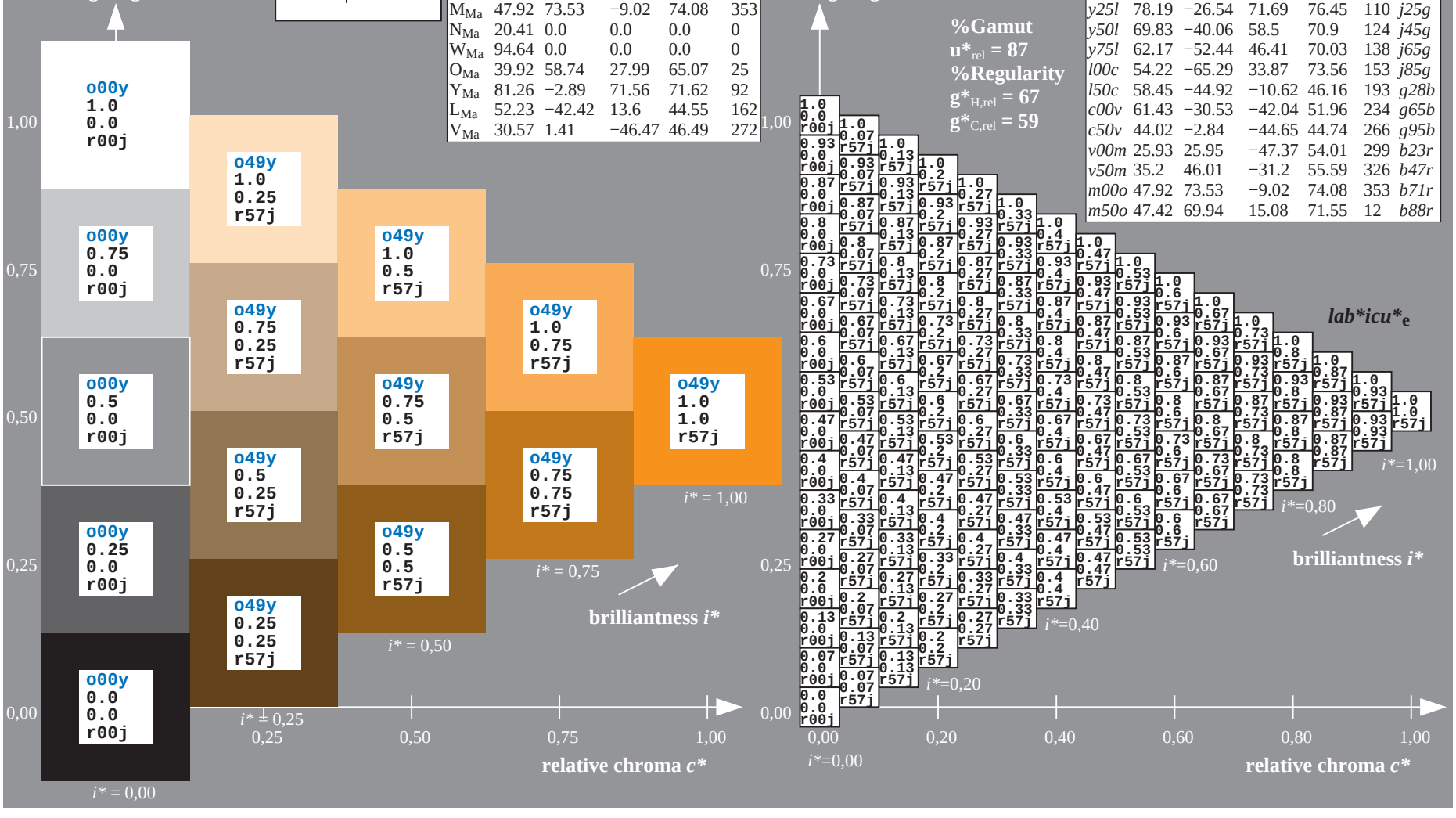
ORS20_95a; adapted (a) CIELAB data

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**$_{Ma}$: 66 31 63
*LAB*LCH**$_{Ma}$: 66 70 63
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.57 0.0
triangle lightness *t**

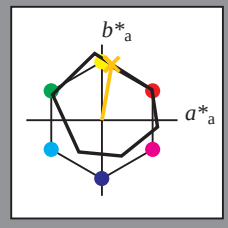
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.222**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
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

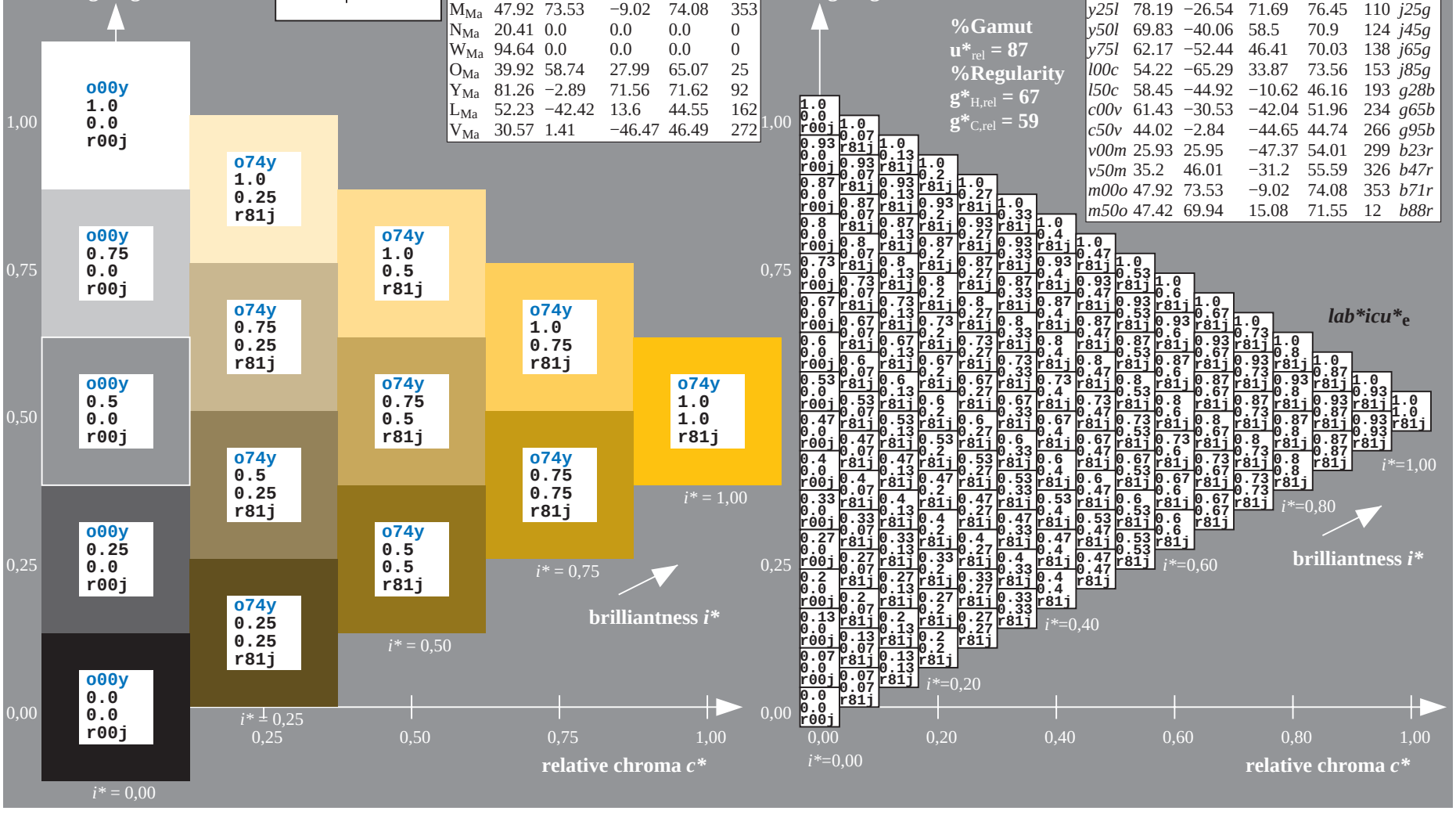
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 76 13 74
*LAB*LCH**$_{Ma}$: 76 75 79
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *o75y*
*lab*icu**$_e$

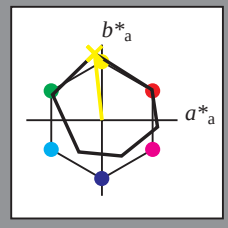
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.267**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

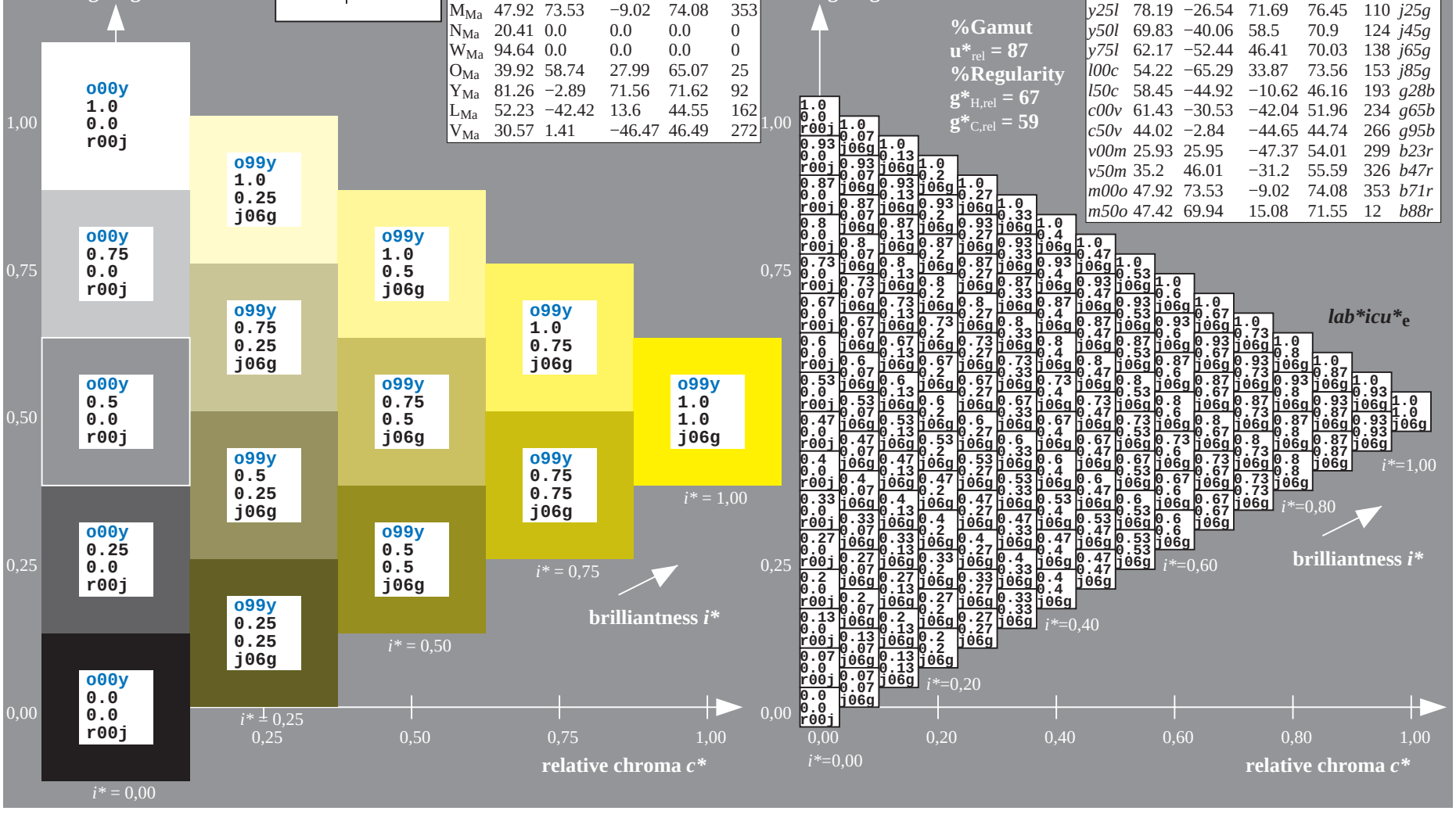
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 89 −10 88
*LAB*LCH**$_{Ma}$: 89 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

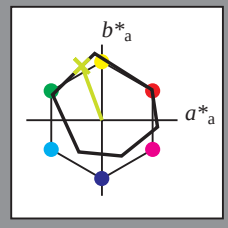
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.306**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

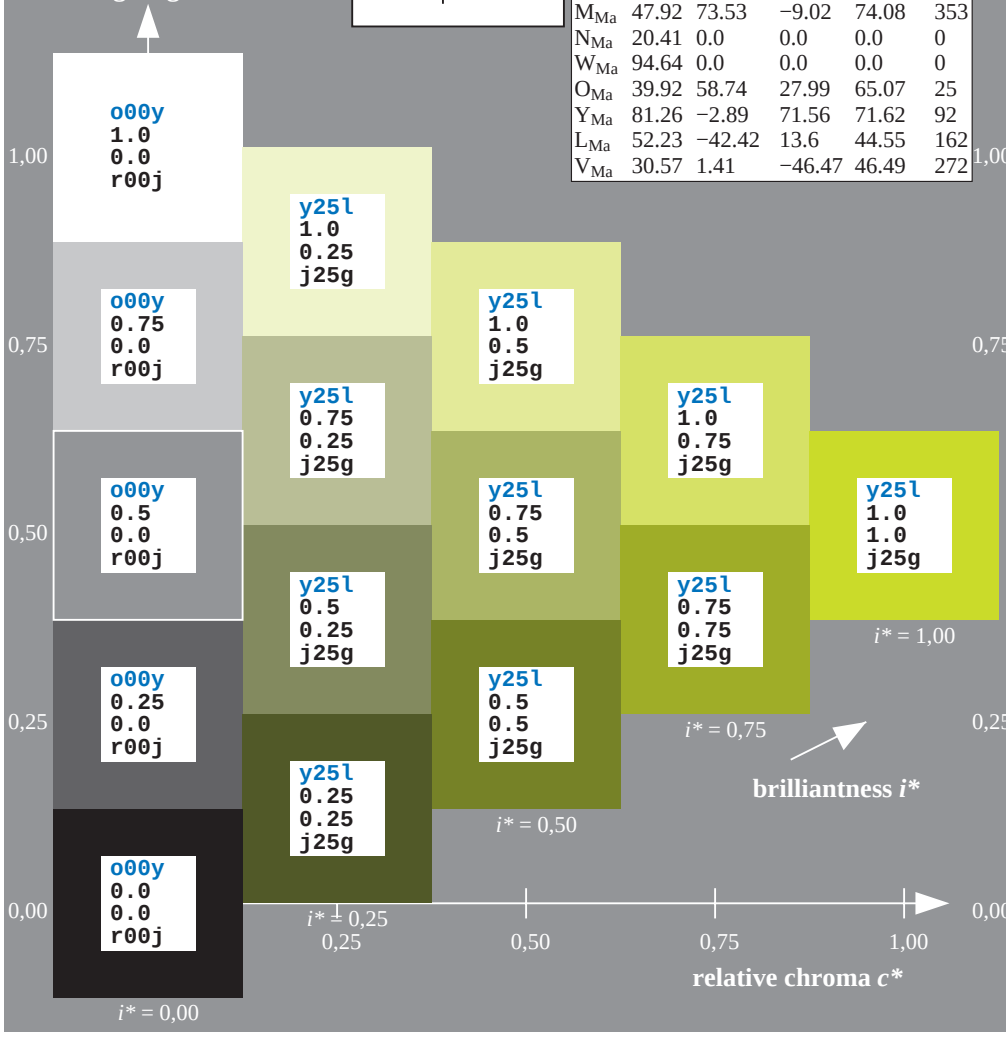
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

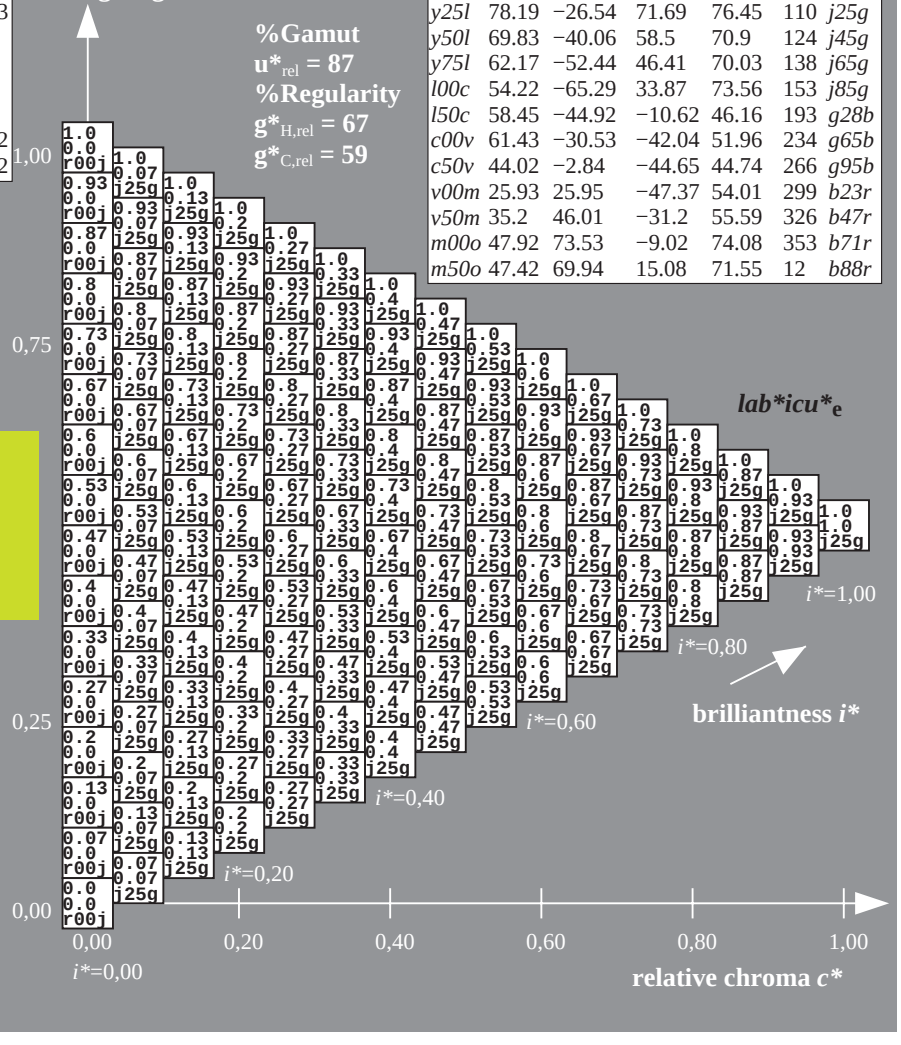
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 78 −27 72**
LAB*LCH*$_{Ma}$**: 78 76 110**
lab*olv*$_{Ma}$**: 0.75 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.74 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

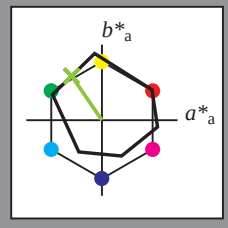
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.346**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j45g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

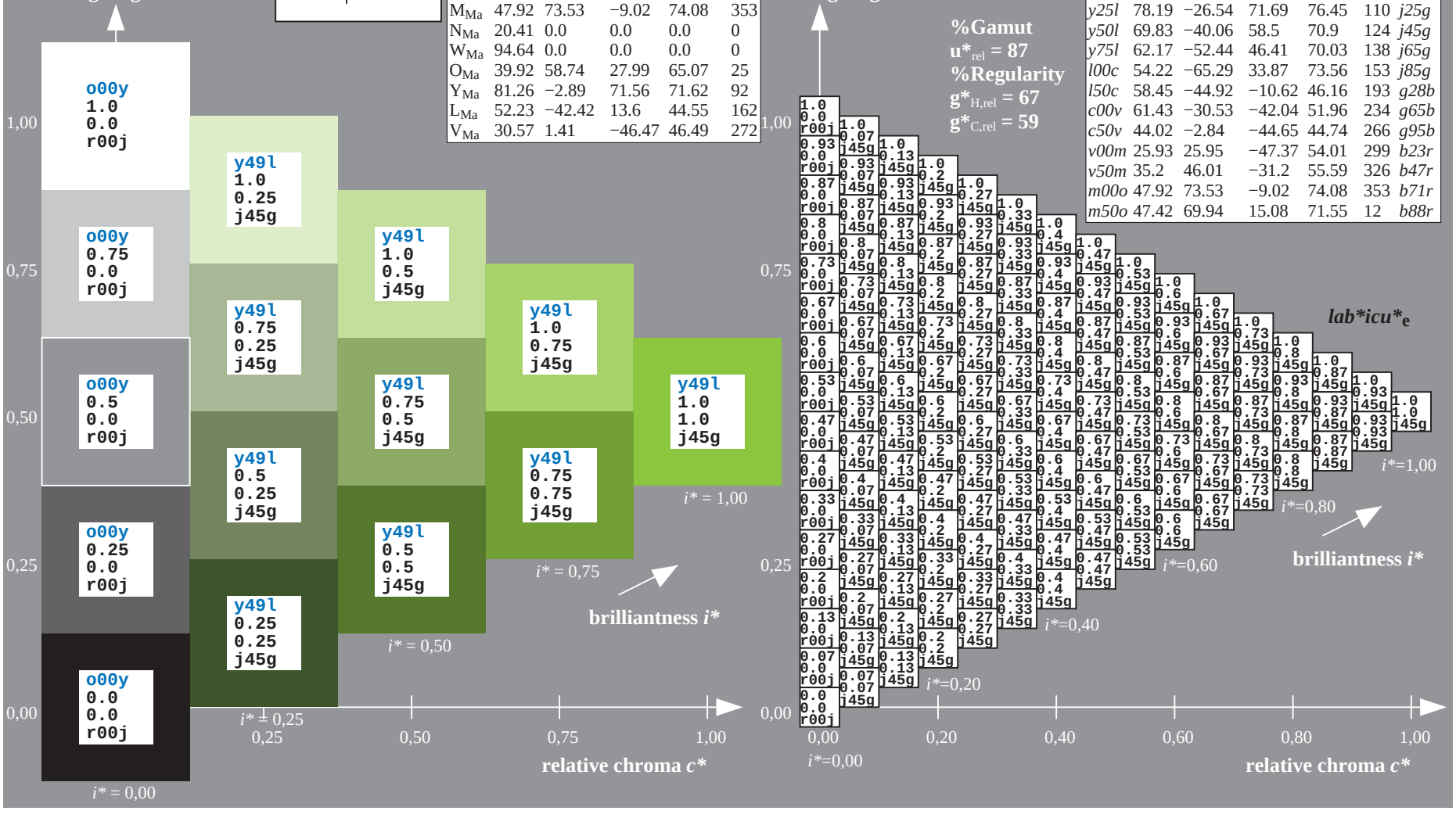
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 70 −40 58
*LAB*LCH**$_{Ma}$: 70 71 124
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.54 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

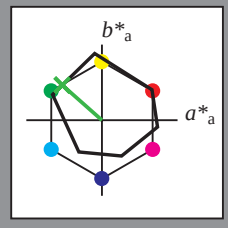
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.385**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j65g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

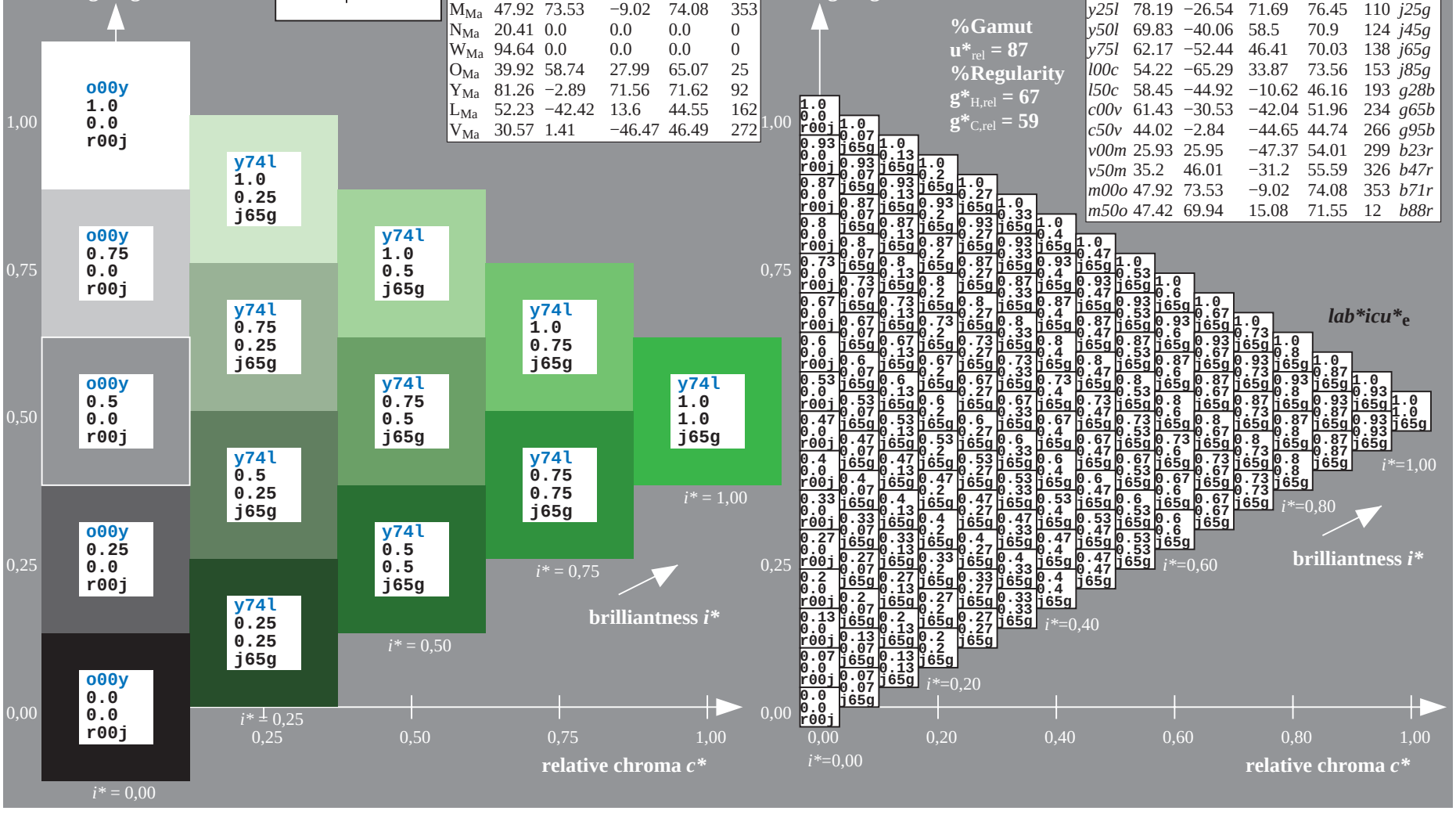
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 62 −52 46
*LAB*LCH**$_{Ma}$: 62 70 138
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.34 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

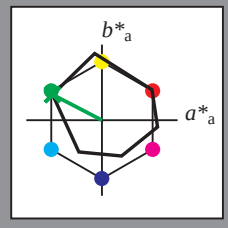
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.424**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j85g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

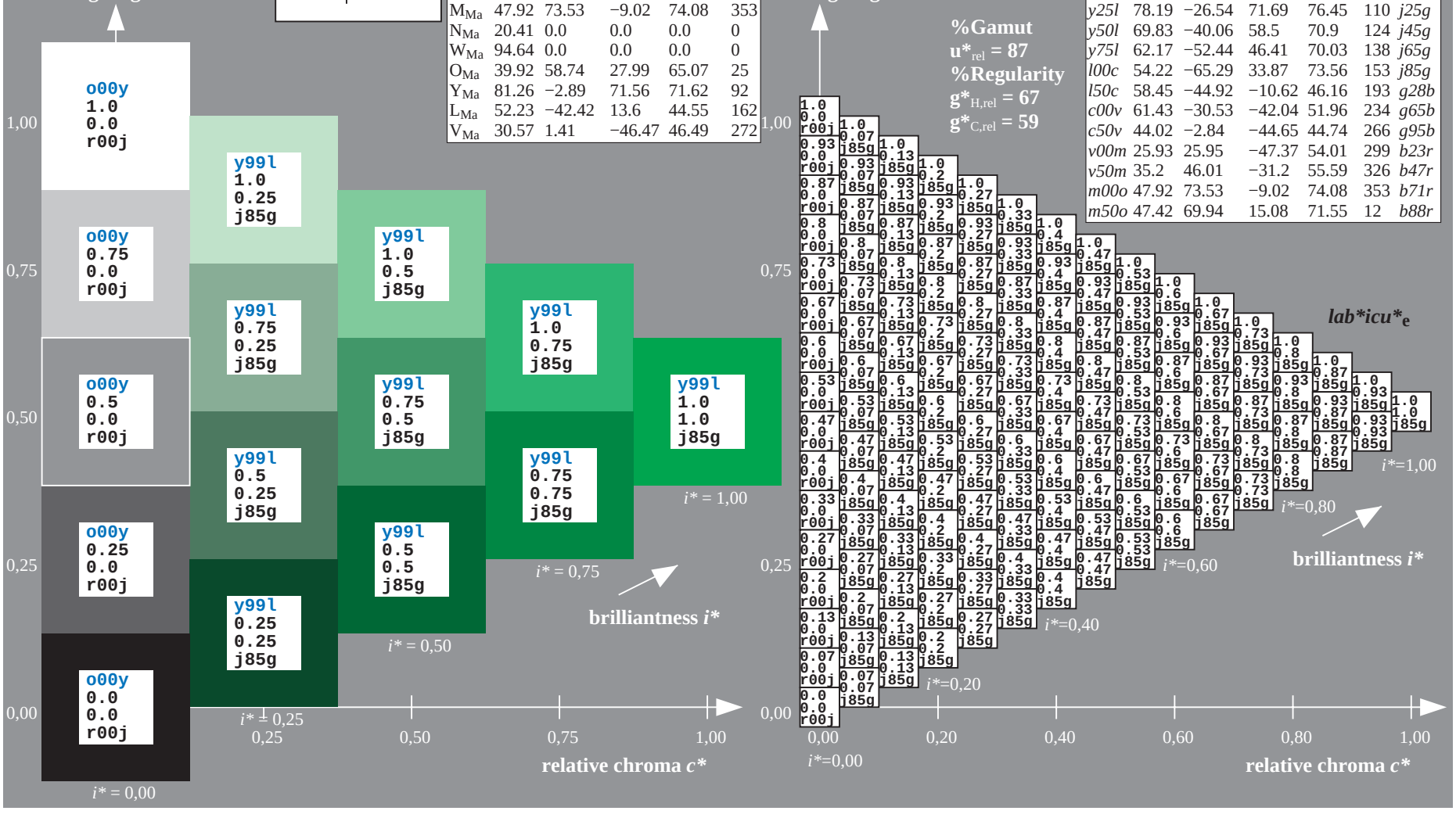
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 54 −65 34
*LAB*LCH**$_{Ma}$: 54 74 152
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.14 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

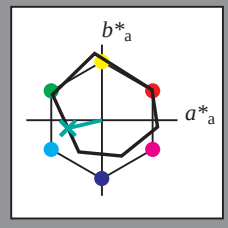
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.537$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

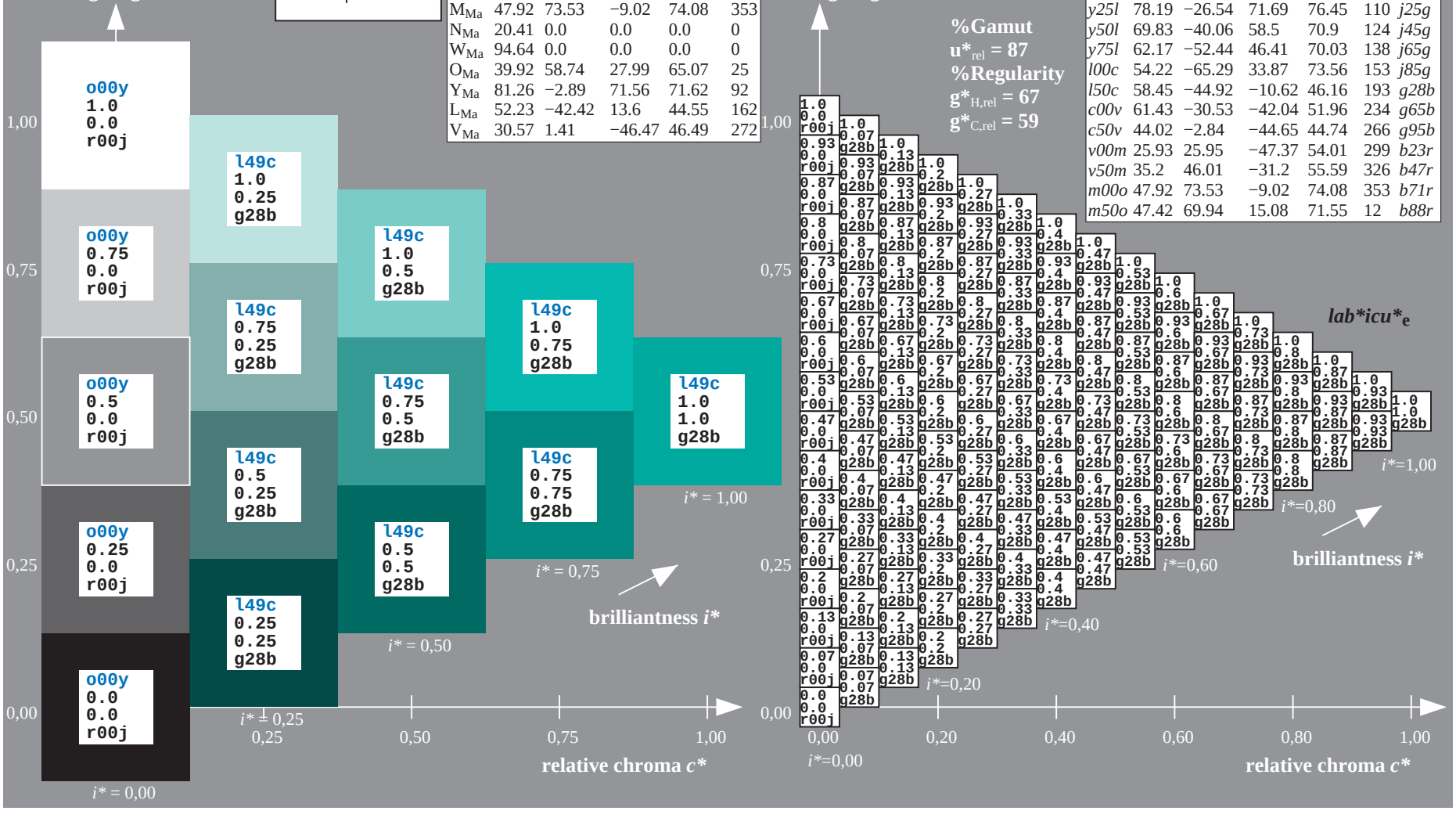
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 58 −45 −11
*LAB*LCH**$_{Ma}$: 58 46 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

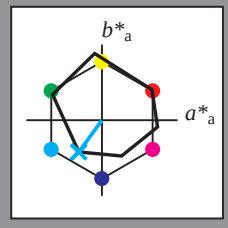
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.65$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g65b*
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

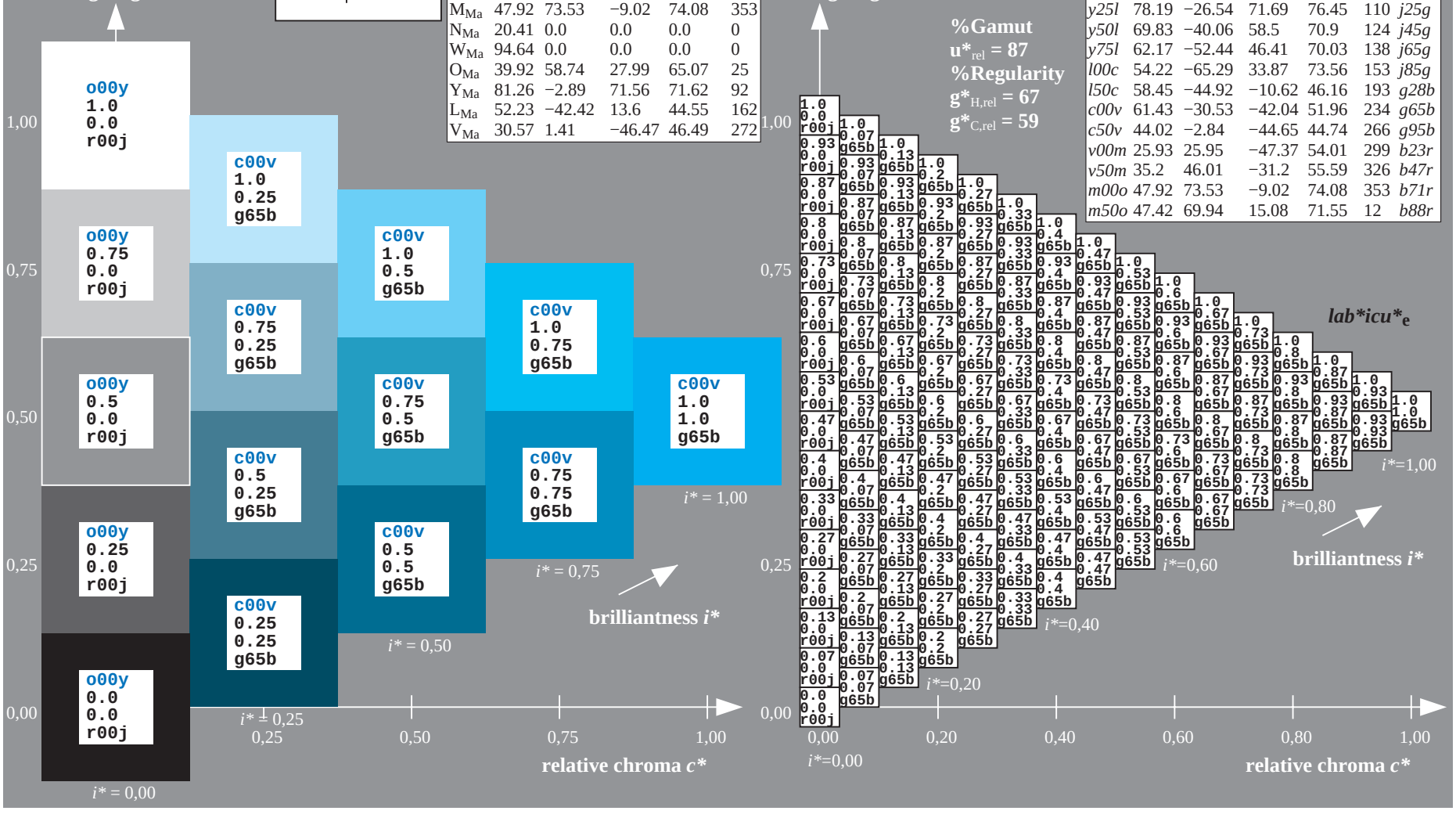
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −31 −42
$LAB^*LCH^*_{Ma}$: 61 52 234
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.69 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *c00v*
$lab^*icu^*_e$

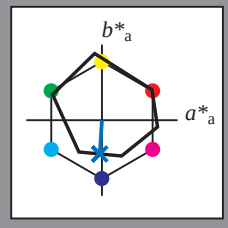
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.74**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g95b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

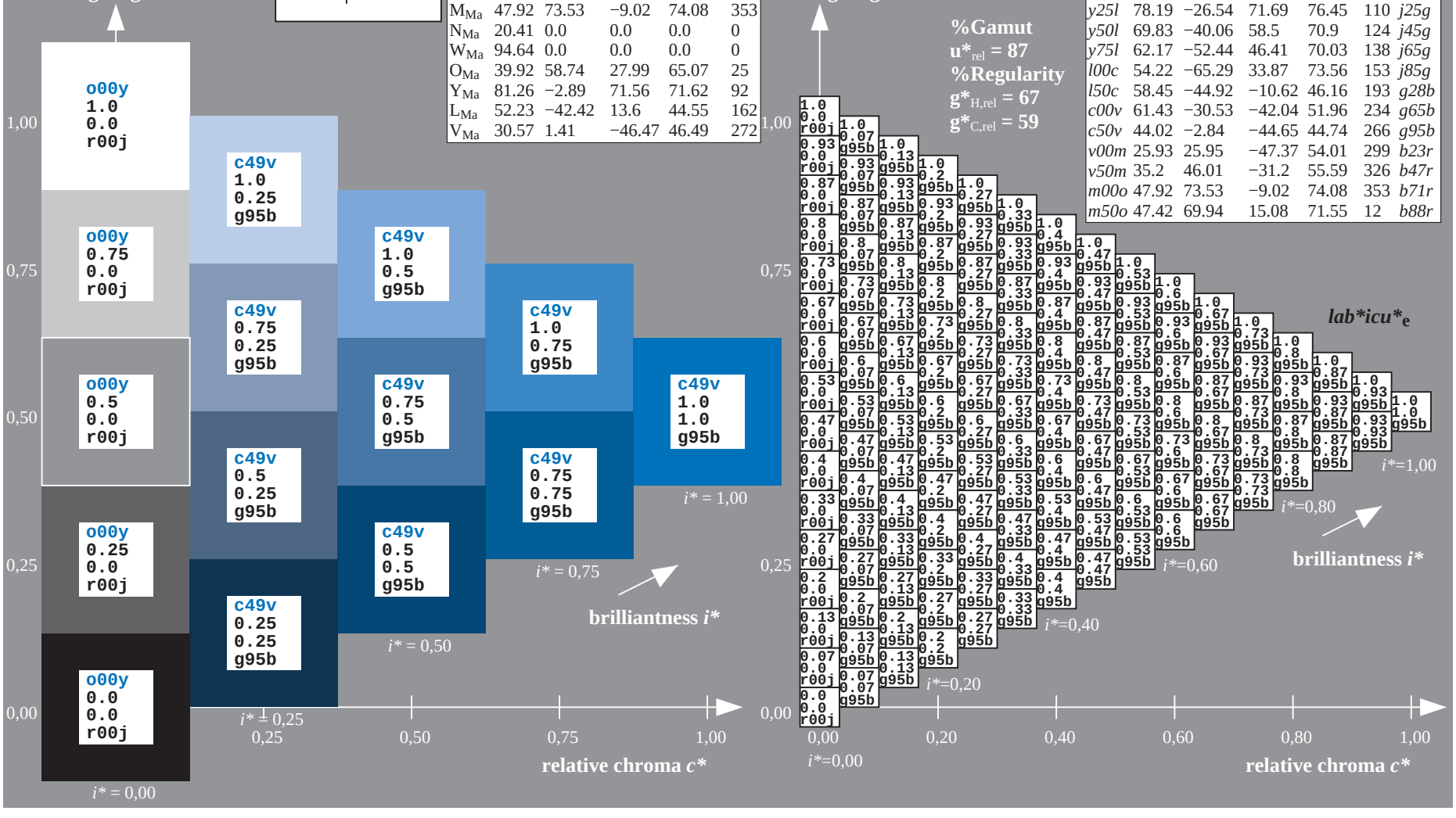
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 44 −3 −45
*LAB*LCH**$_{Ma}$: 44 45 266
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.1 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

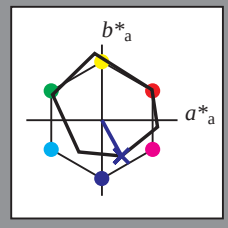
ORS20_95a; adapted (a) CIELAB data

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_95a 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

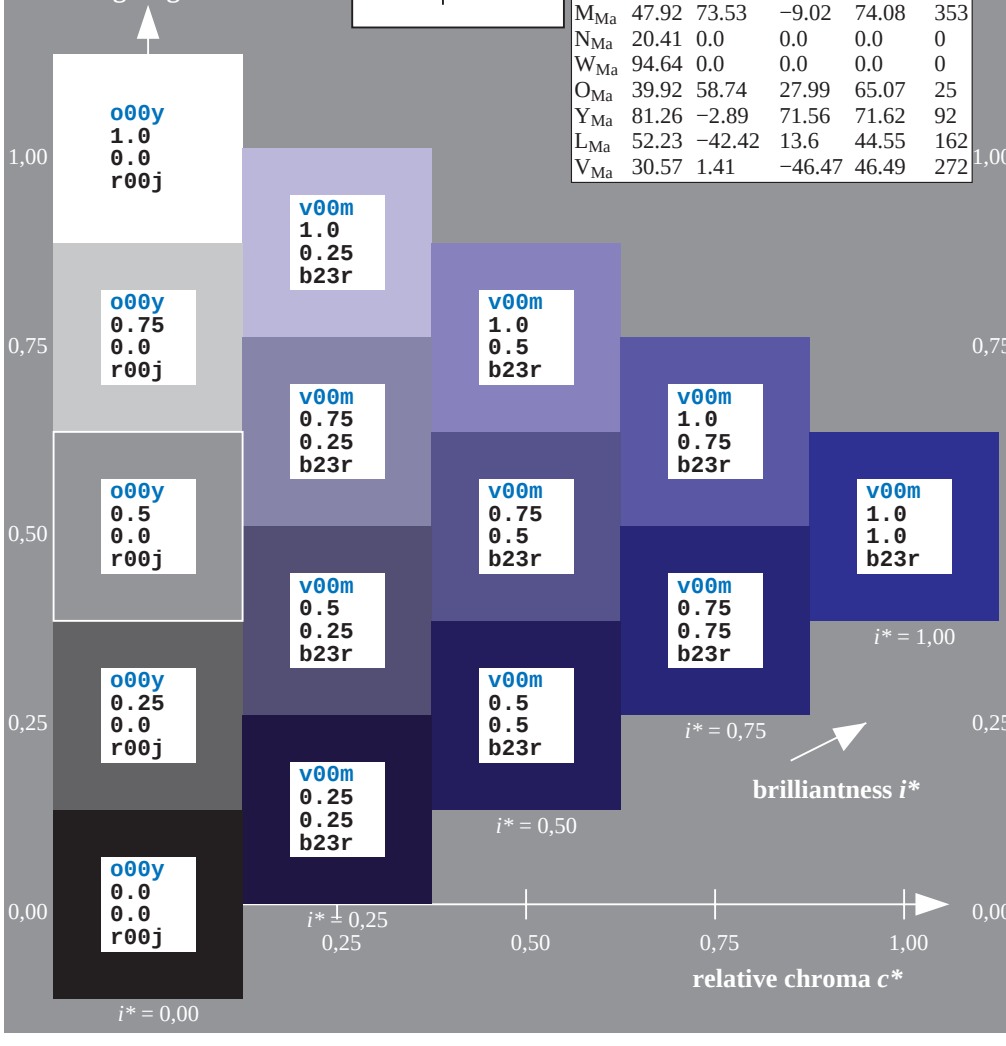
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

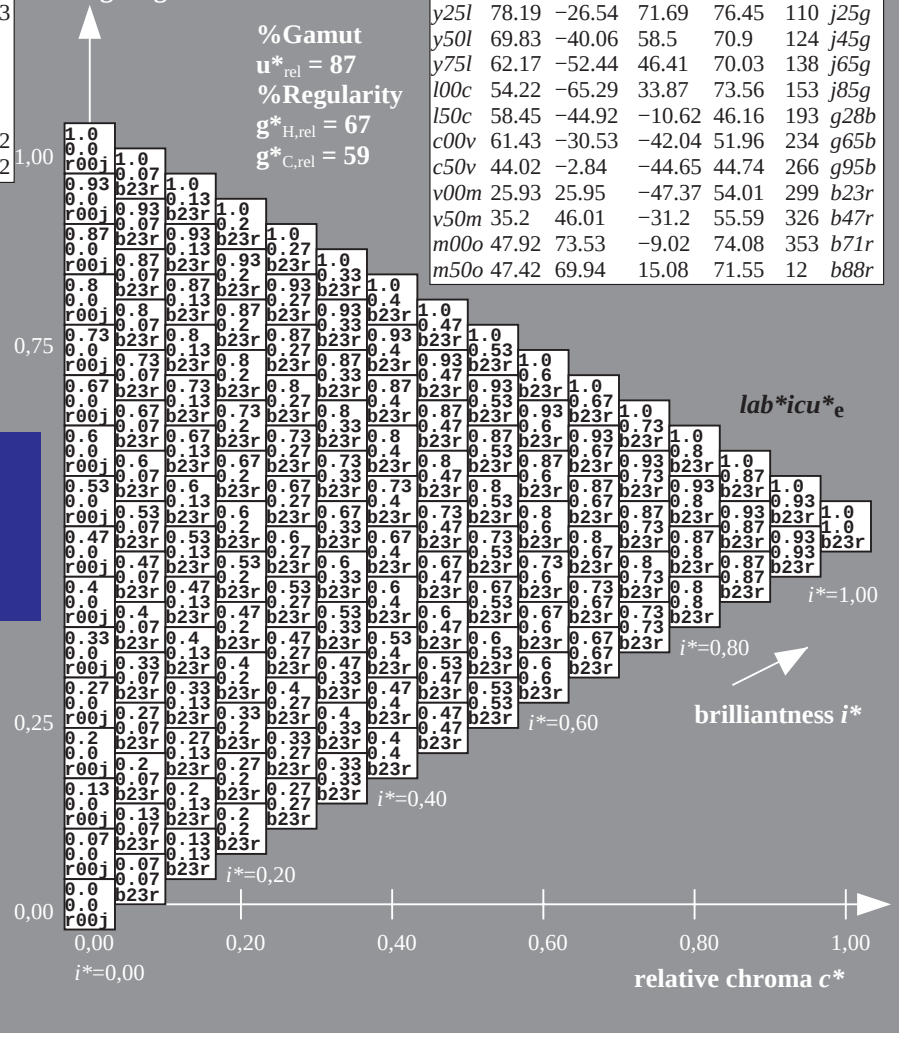
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 26 26 −47
*LAB*LCH**$_{Ma}$: 26 54 298
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.47 0.0 1.0
triangle lightness *t**

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*

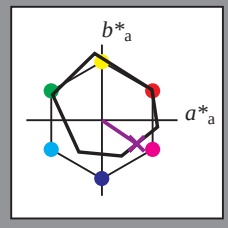
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59





Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.905**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
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

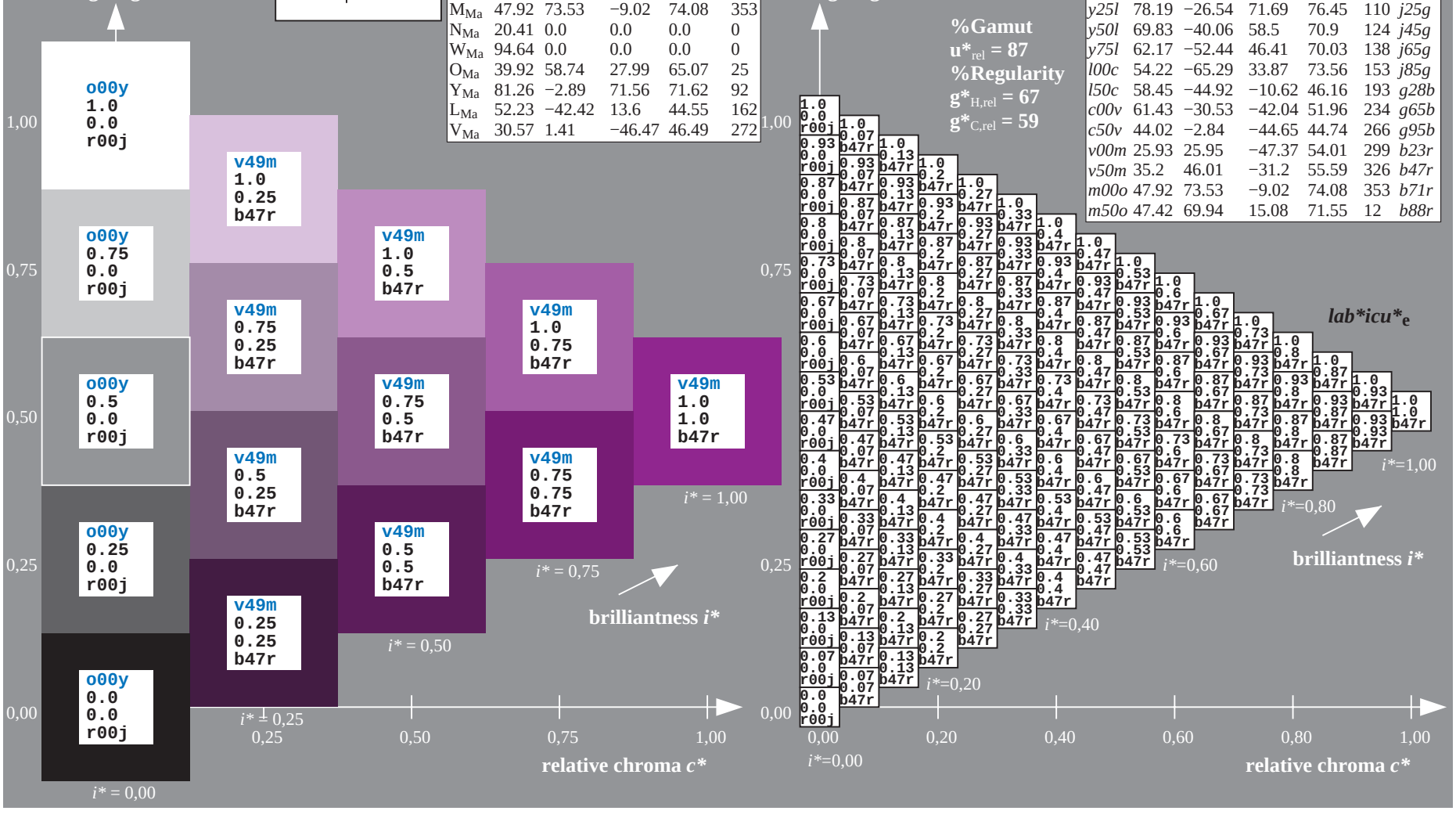
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 35 46 −31
*LAB*LCH**$_{Ma}$: 35 56 325
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.95 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

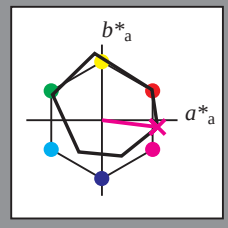
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.981**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

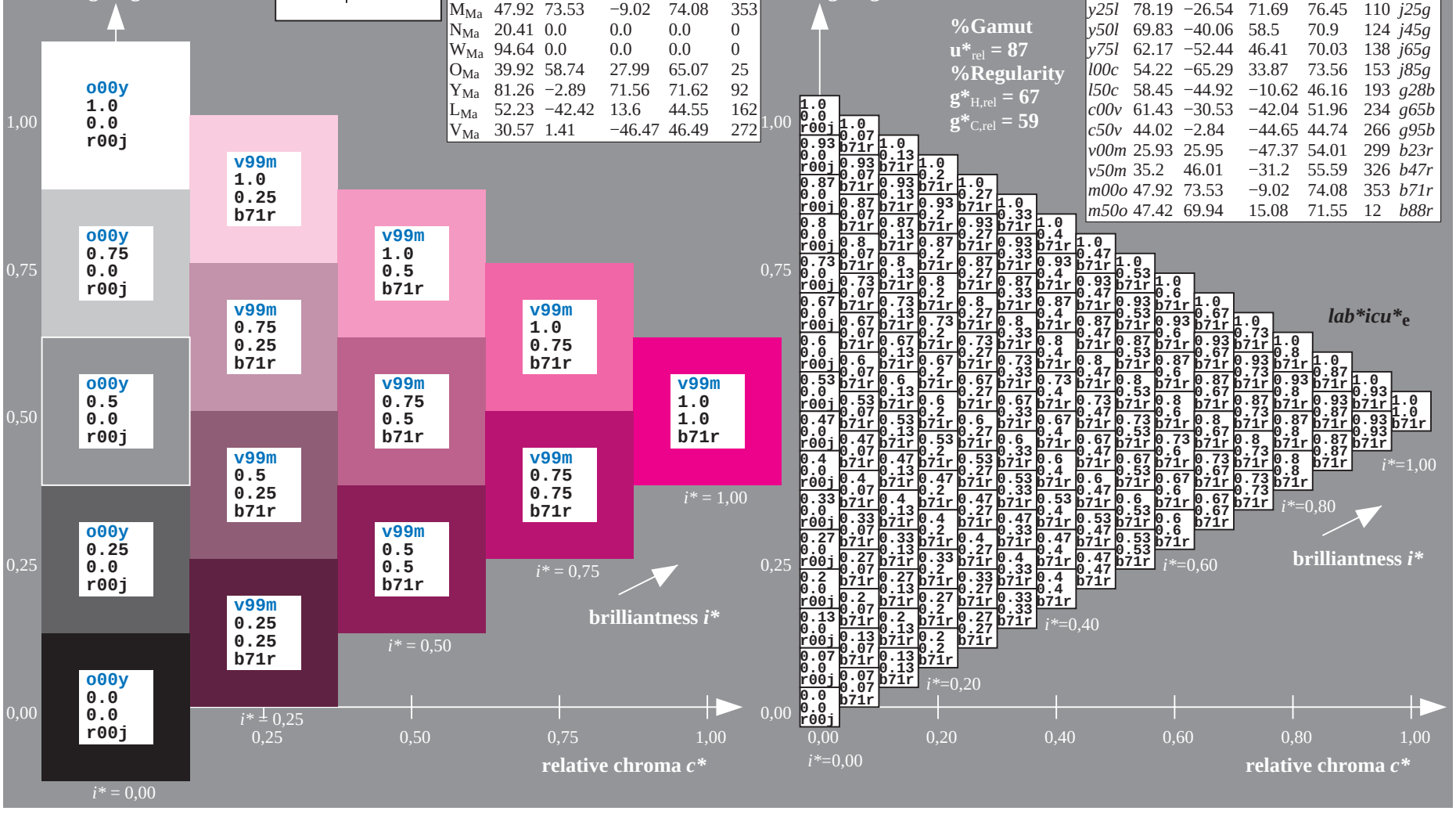
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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**$_{Ma}$: 48 74 −9
*LAB*LCH**$_{Ma}$: 48 74 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.57
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

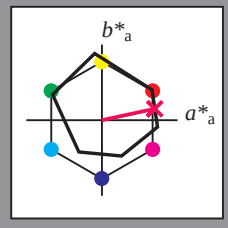
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.034**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; adapted (a) CIELAB data

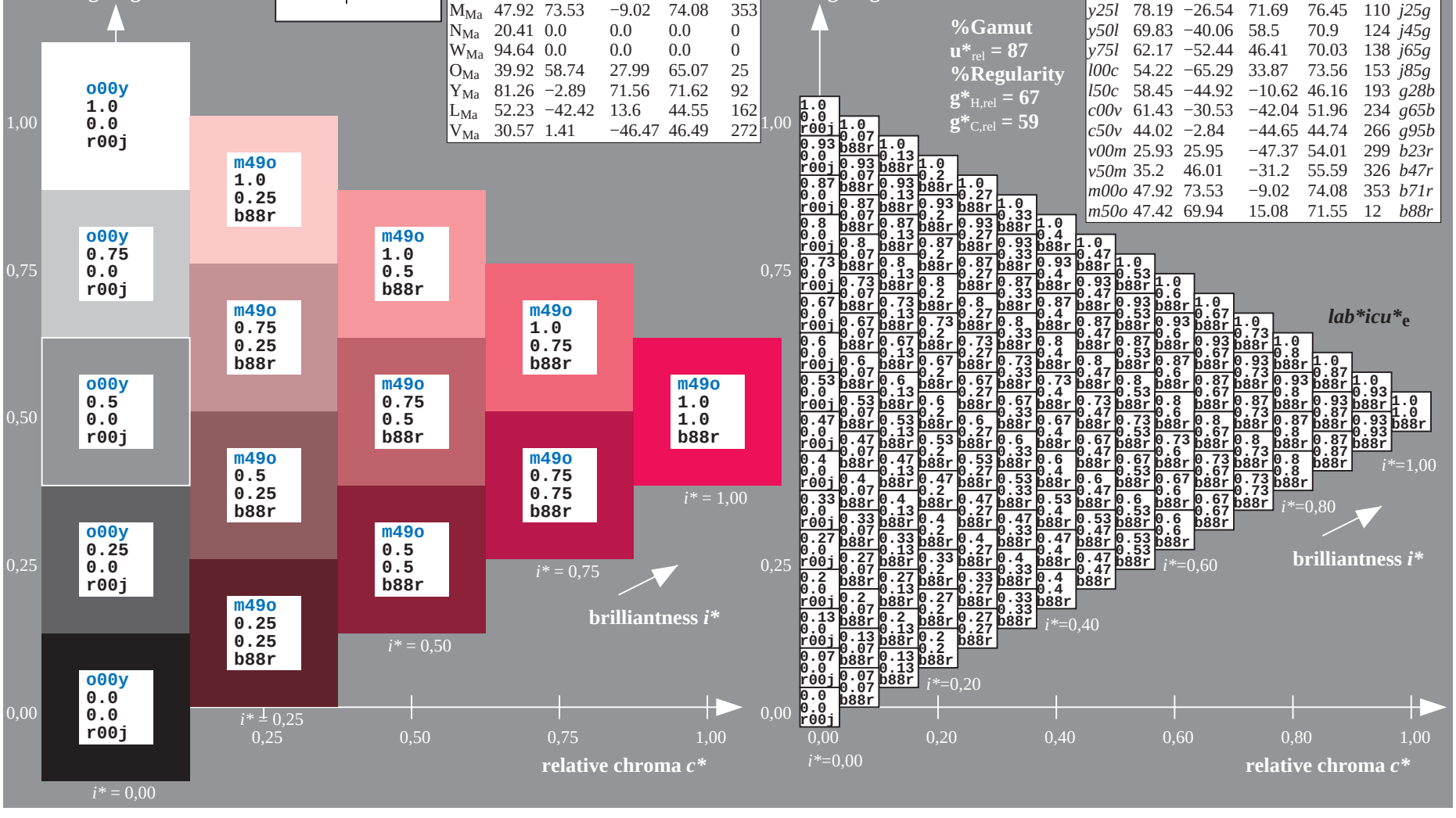
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	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

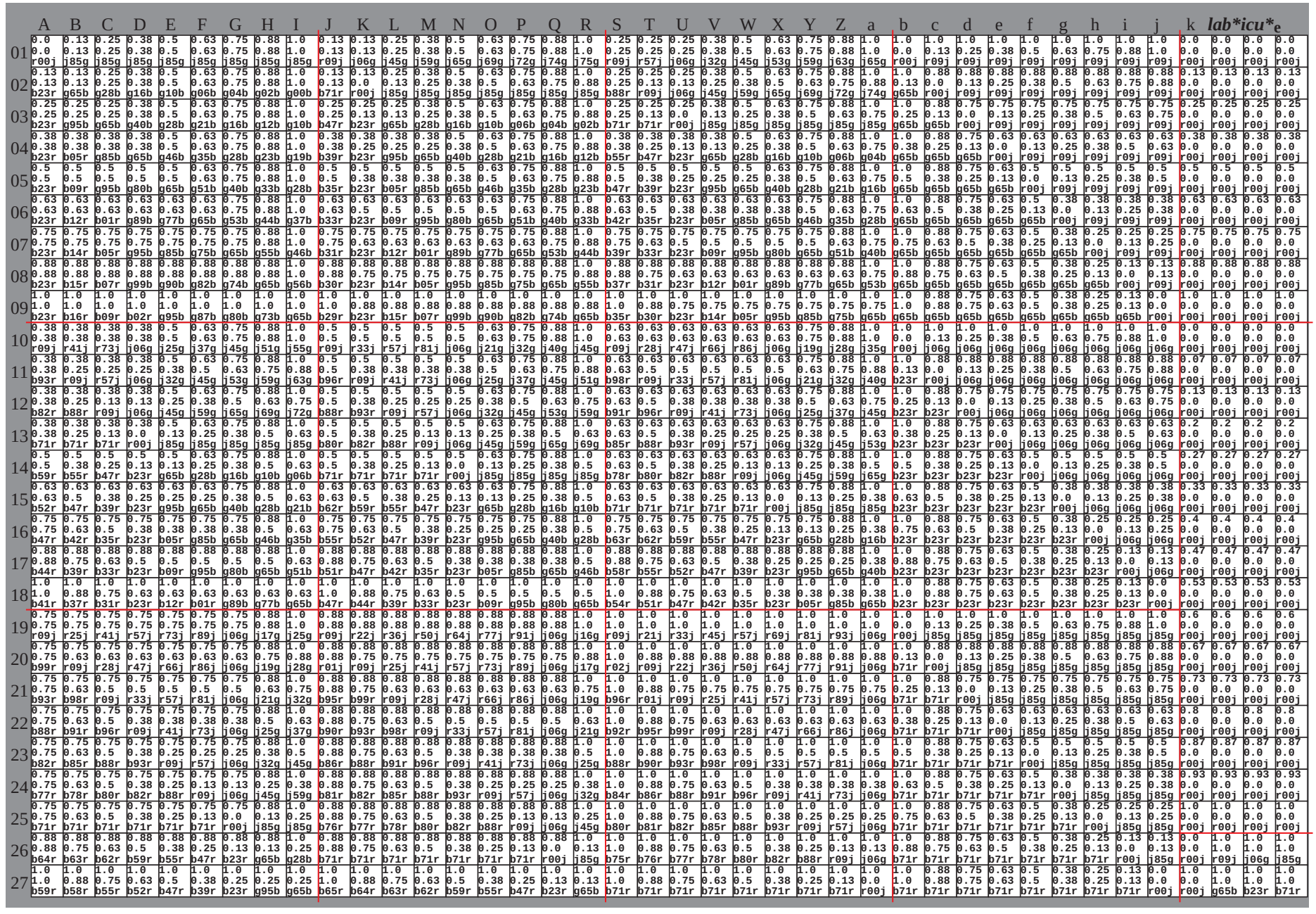
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 47 70 15
*LAB*LCH**$_{Ma}$: 47 72 12
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.23
triangle lightness *t**

%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*

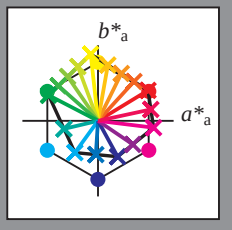




Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

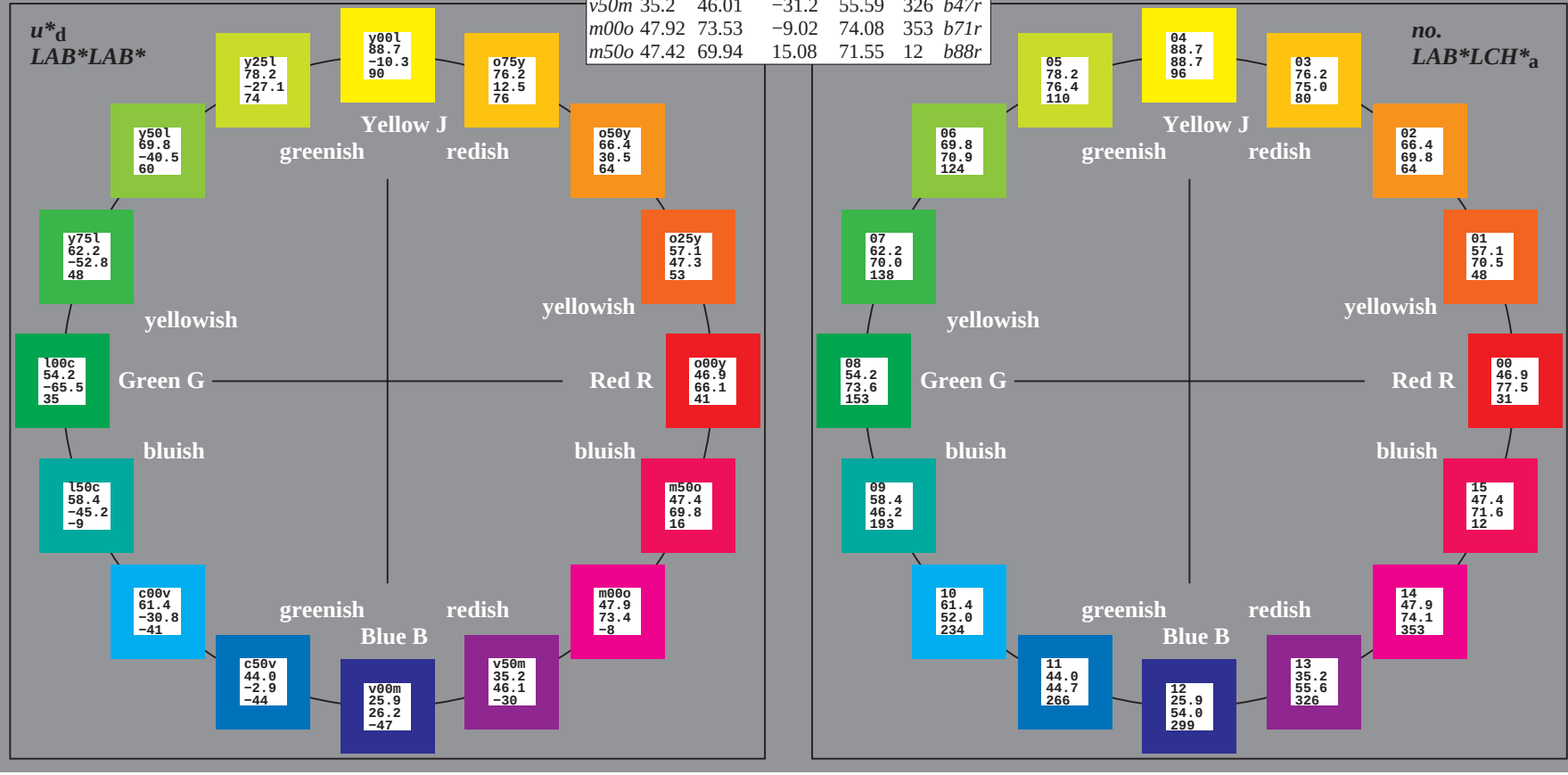
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*



%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

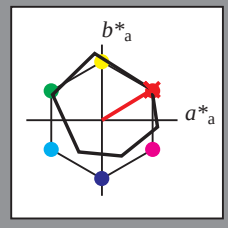
ORS20_95; CIELAB data

Name	$L^*=L^*$	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_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r09j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95; CIELAB data

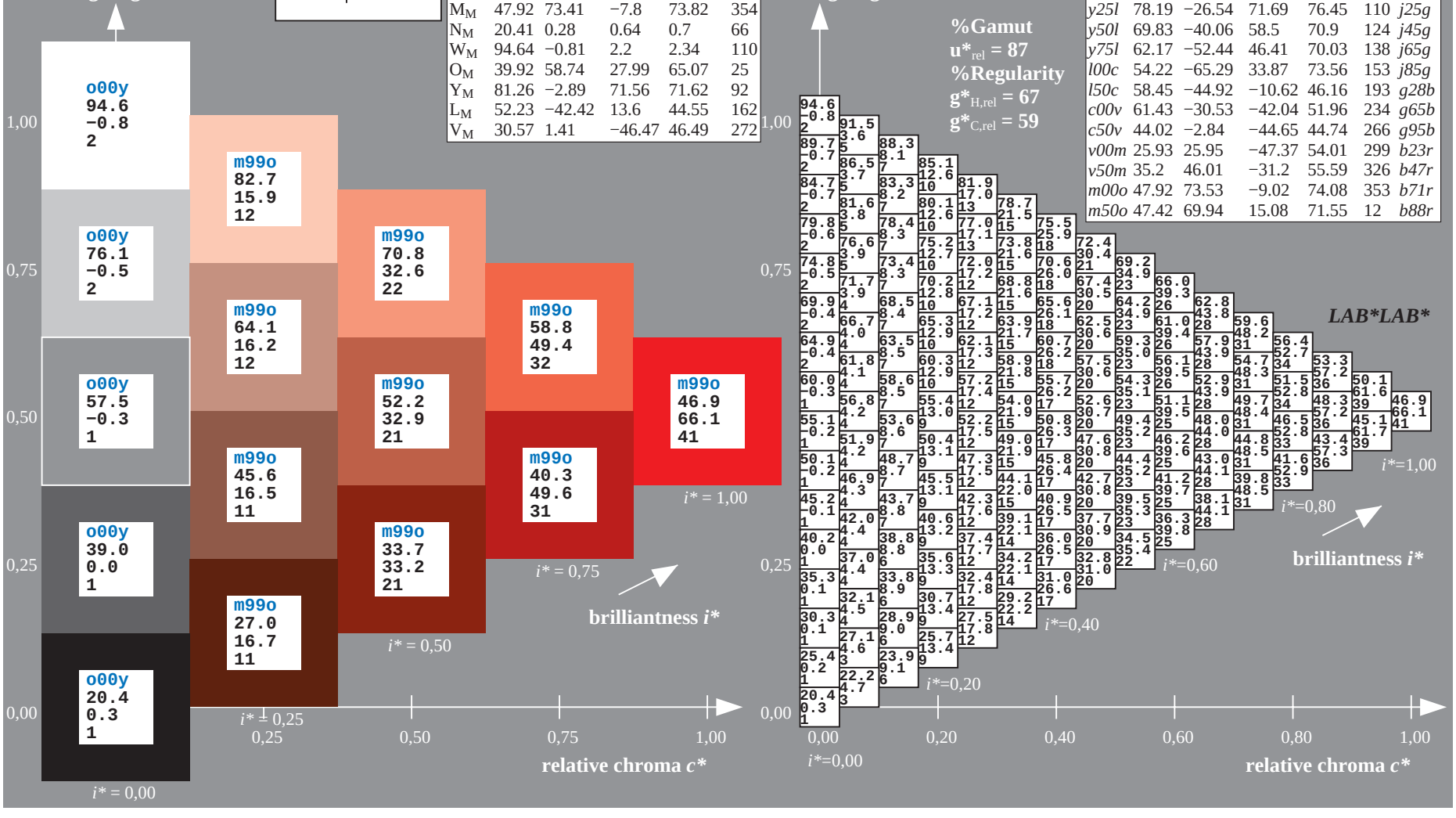
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	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):
$LAB^*LAB^*_{Ma}$: 47 66 40
$LAB^*LCH^*_{Ma}$: 47 77 31
$lab^*olv^*_{Ma}$: 1.0 0.0 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

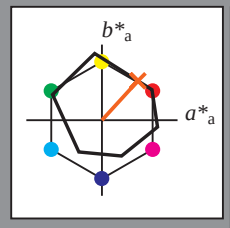
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



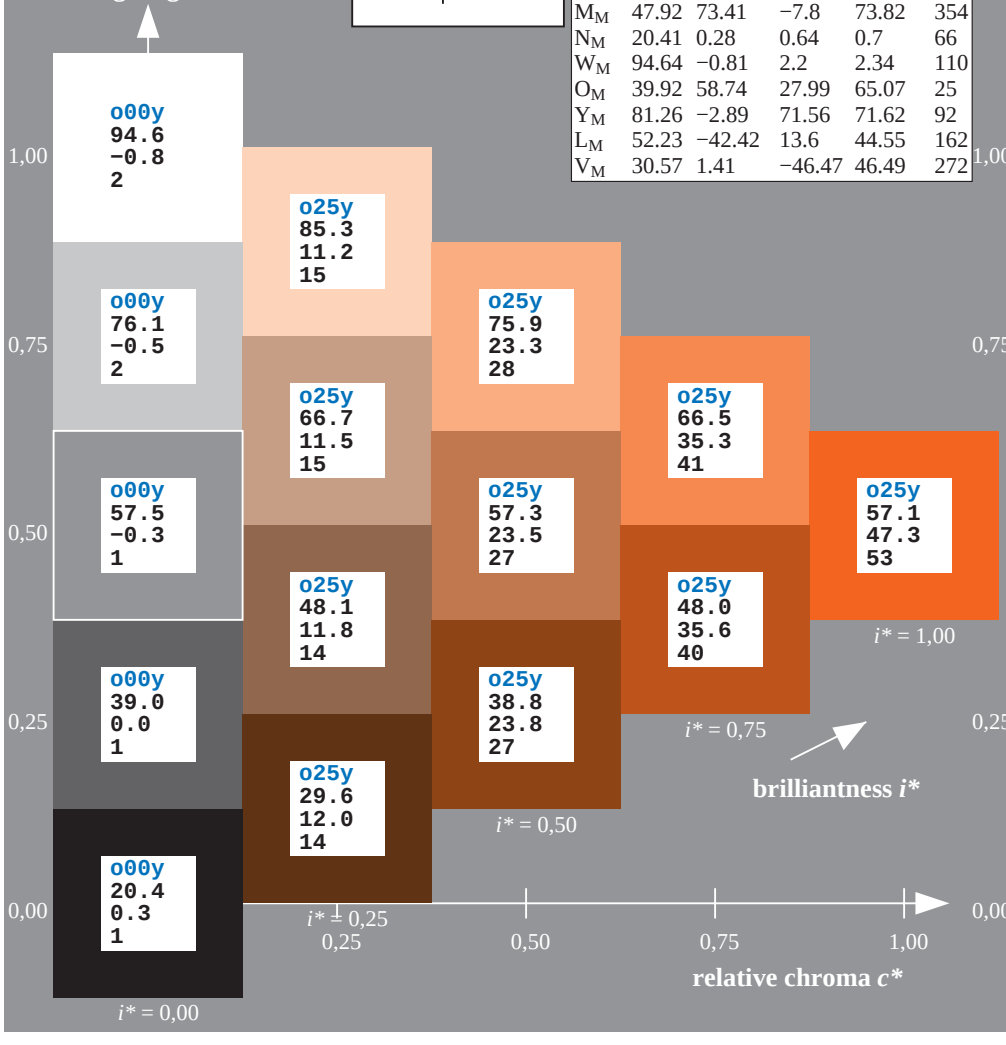
ORS20_95; CIELAB data

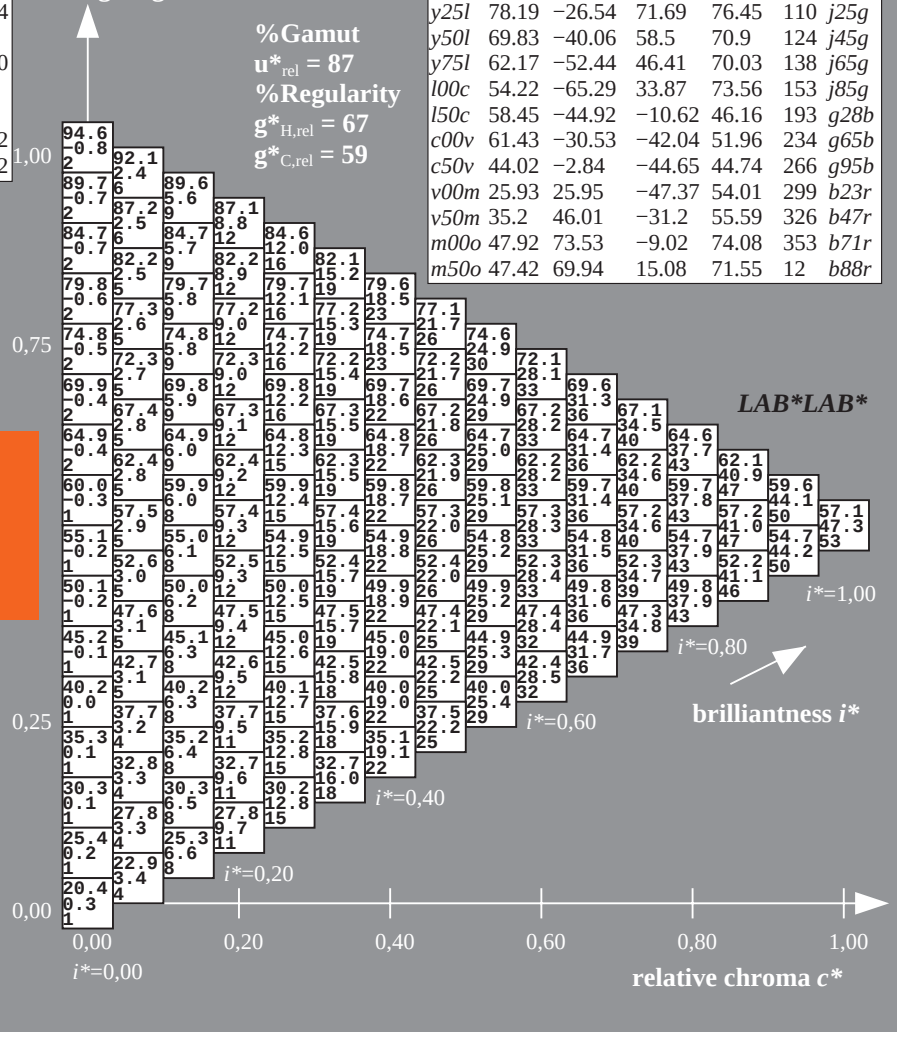
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	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):
$LAB^*LAB^*_{Ma}$: 57 48 52
$LAB^*LCH^*_{Ma}$: 57 71 47
$lab^*olv^*_{Ma}$: 1.0 0.25 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

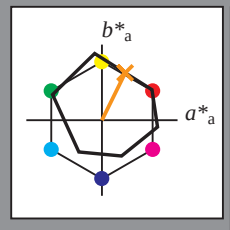
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.177**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



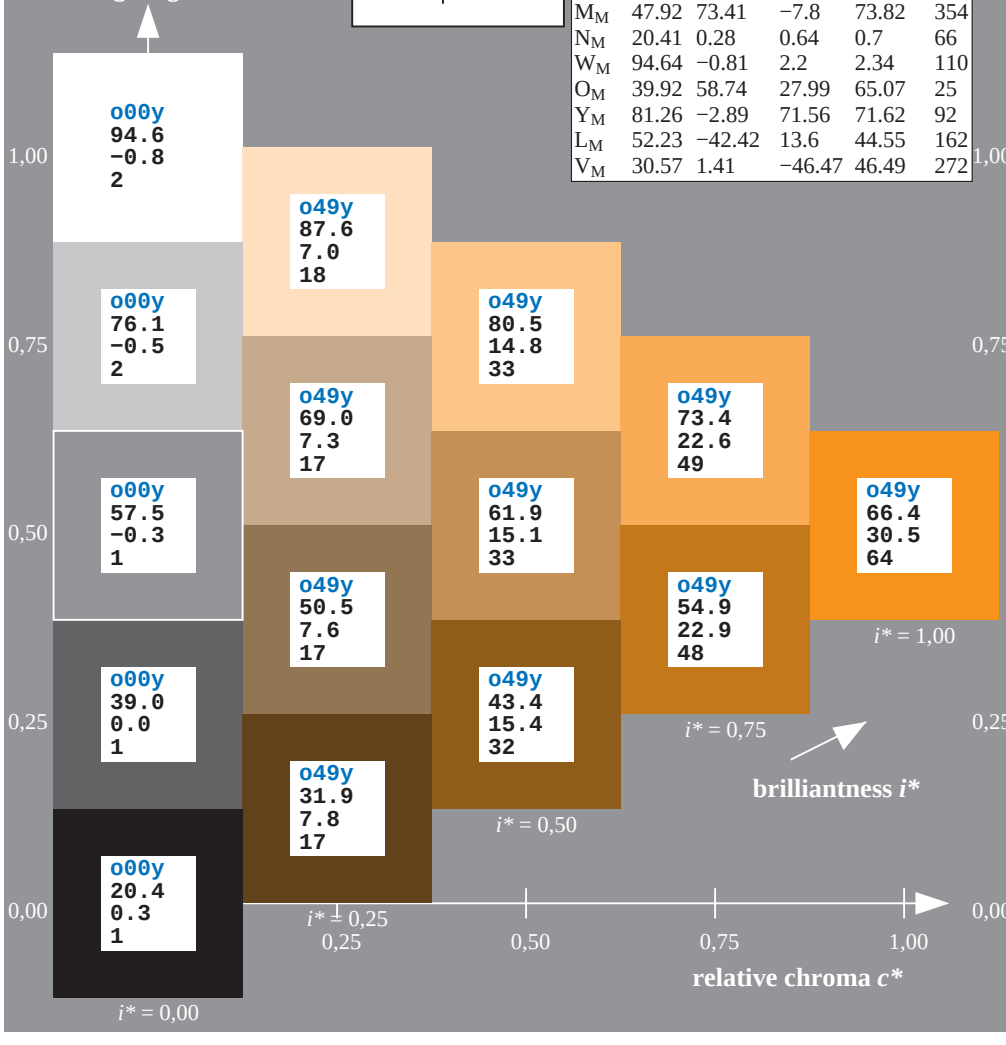
ORS20_95; CIELAB data

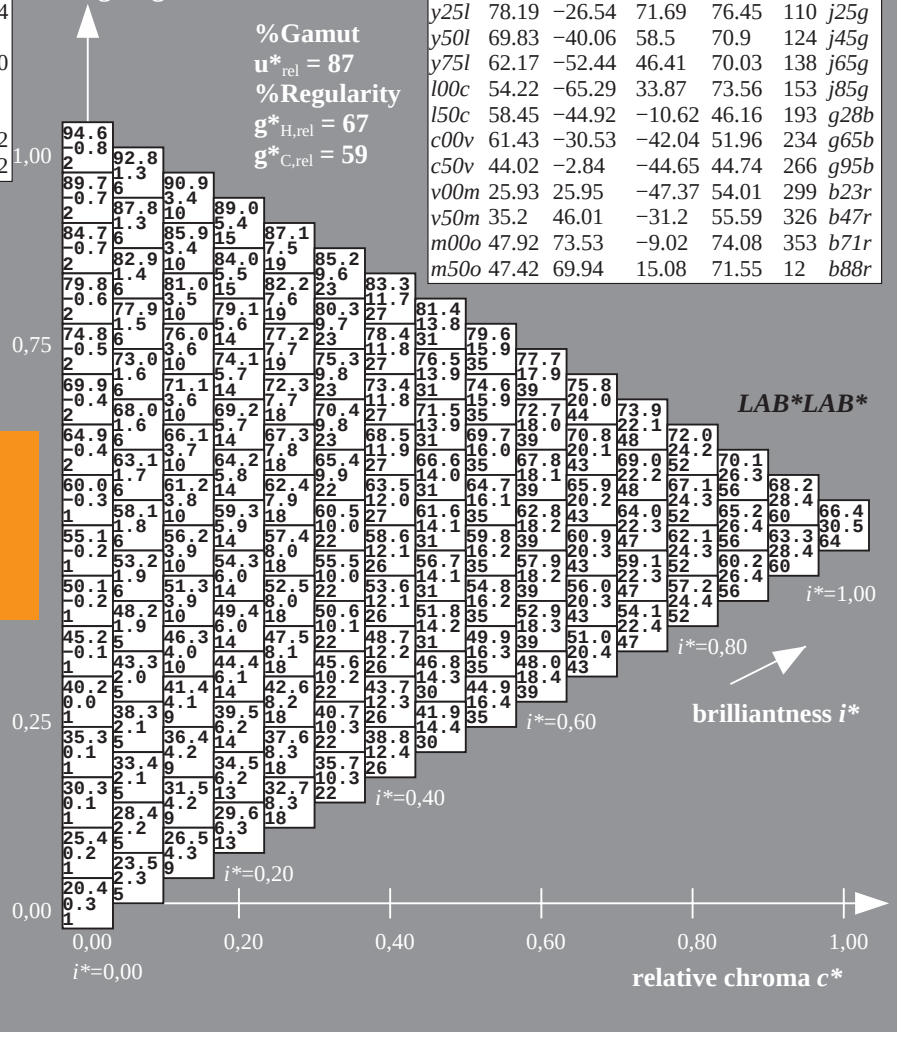
u^*_d	L*=L*	a*	b*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	58.74	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**$_{Ma}$: 66 31 63
*LAB*LCH**$_{Ma}$: 66 70 63
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.57 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

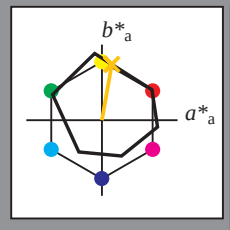
u^*_d	L*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.222**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



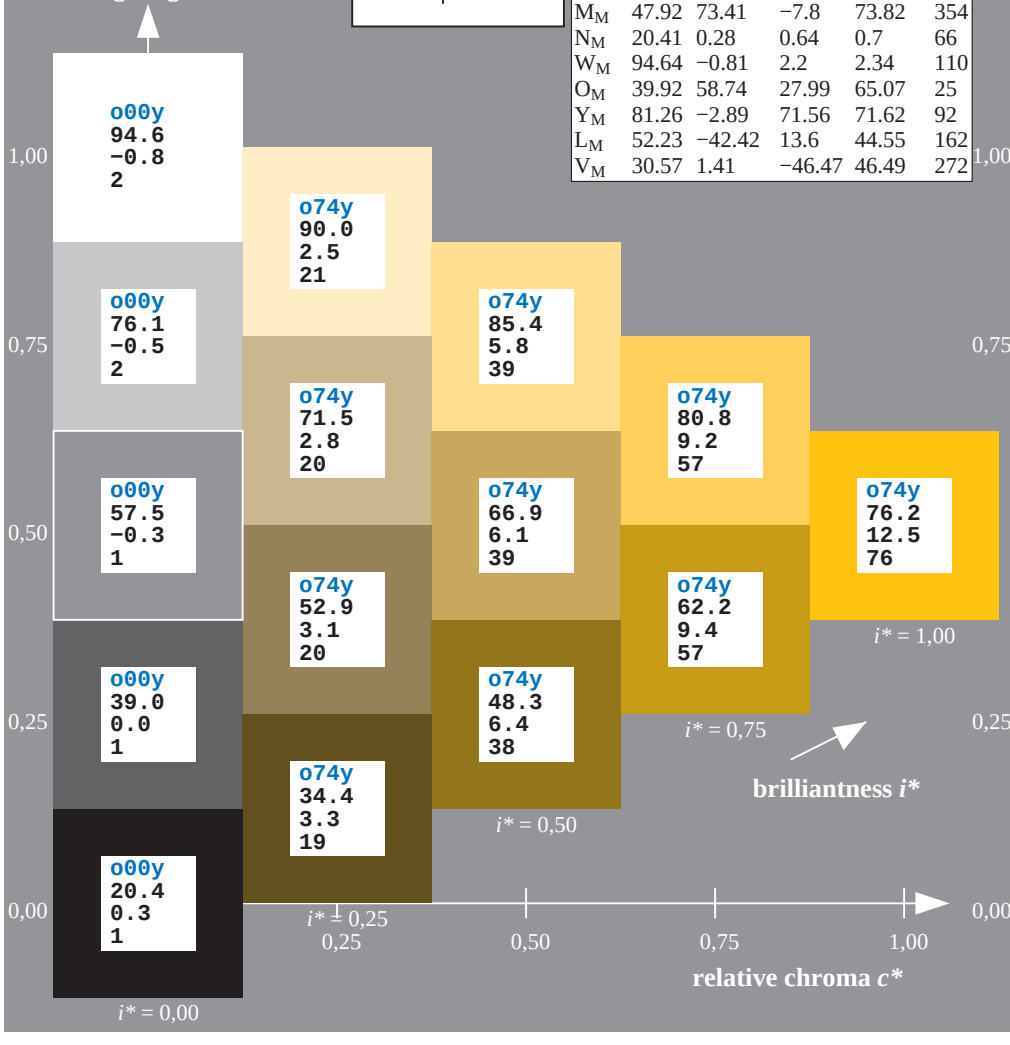
ORS20_95; CIELAB data

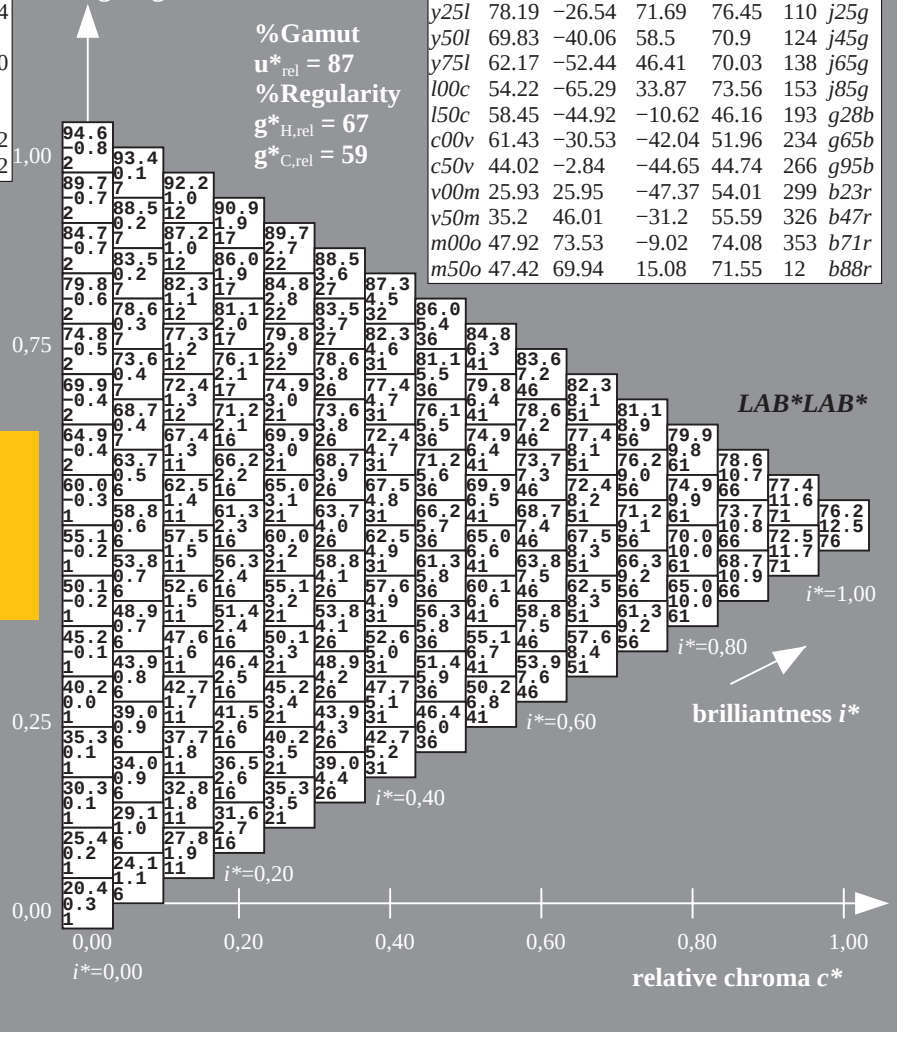
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	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**$_{Ma}$: 76 13 74
*LAB*LCH**$_{Ma}$: 76 75 79
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

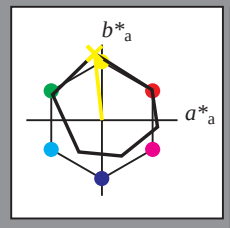
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.267**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95; 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

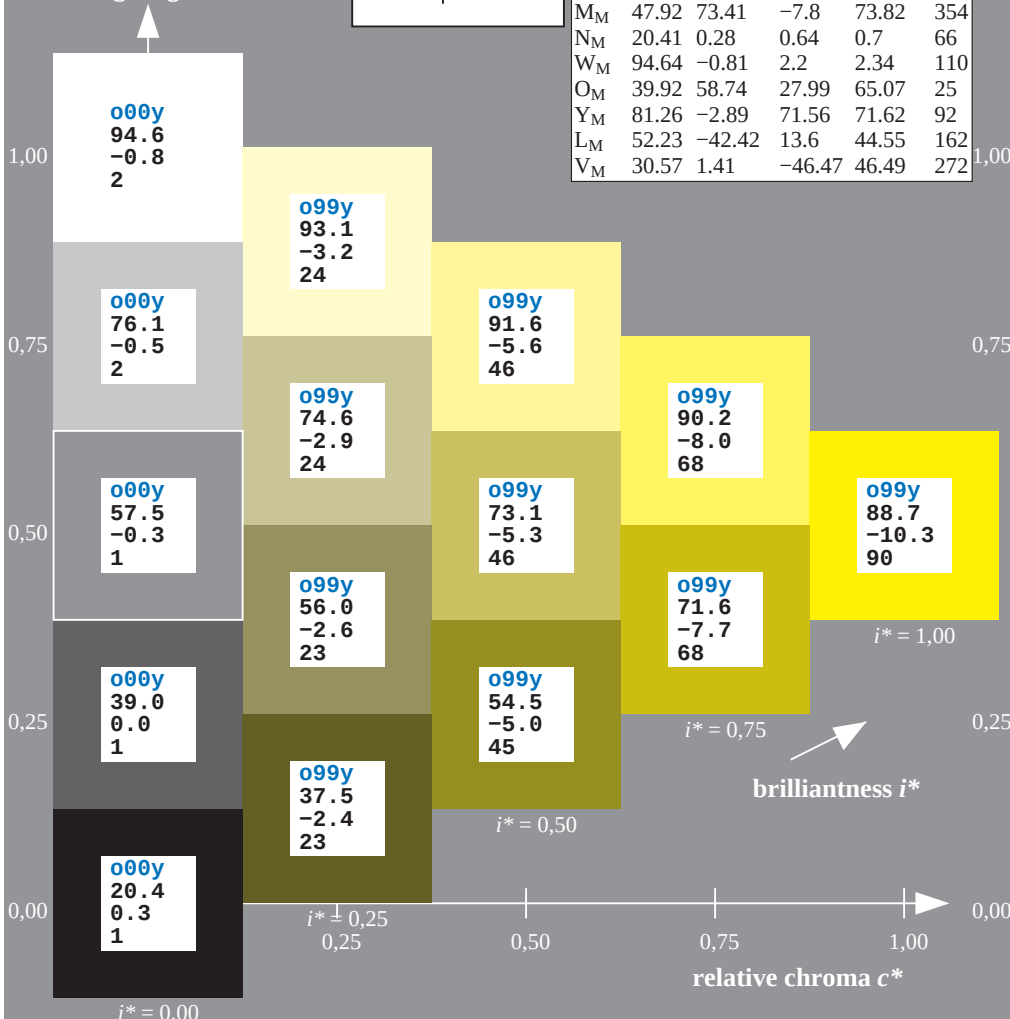
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 89 −10 88
*LAB*LCH**$_{Ma}$: 89 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

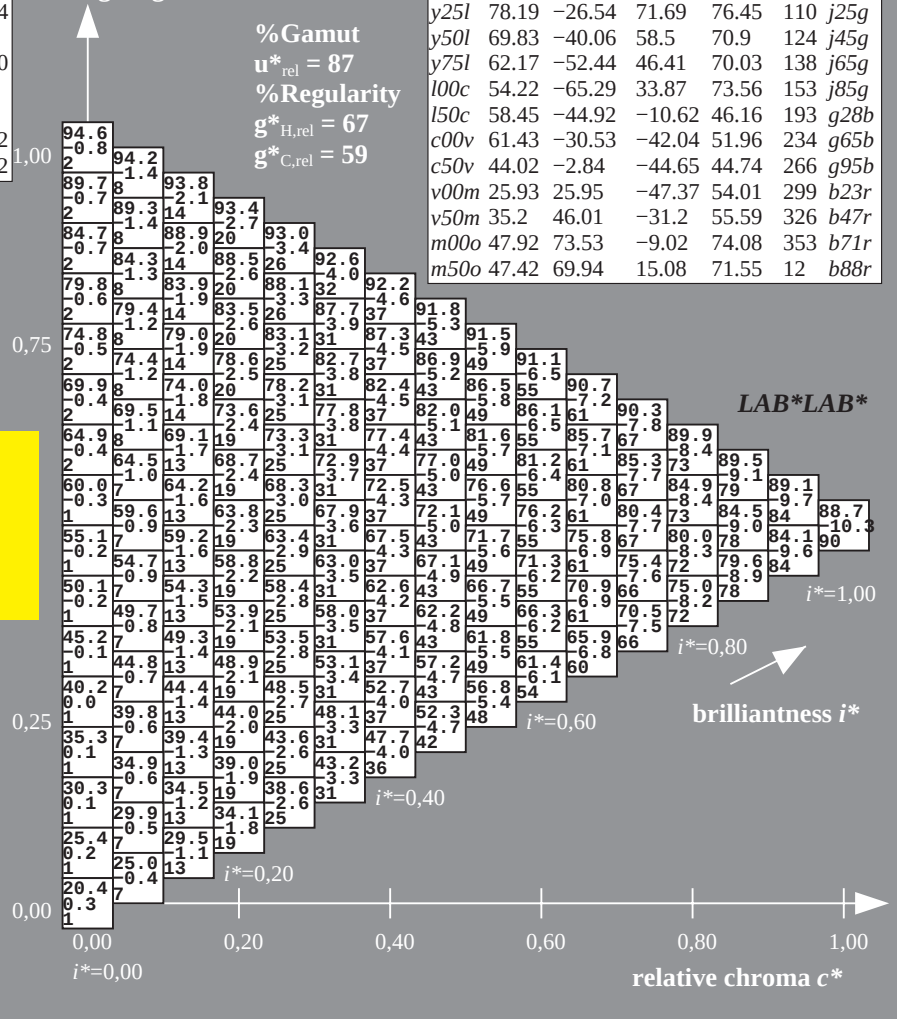
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *y00l*
LAB*LAB*

ORS20_95a; adapted (a) CIELAB data

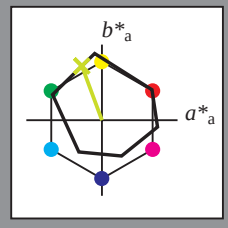
u^*_d	L*=L*a	a*a	b*a	C*ab,a	h*ab,a	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	58.5	70.9	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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95; 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

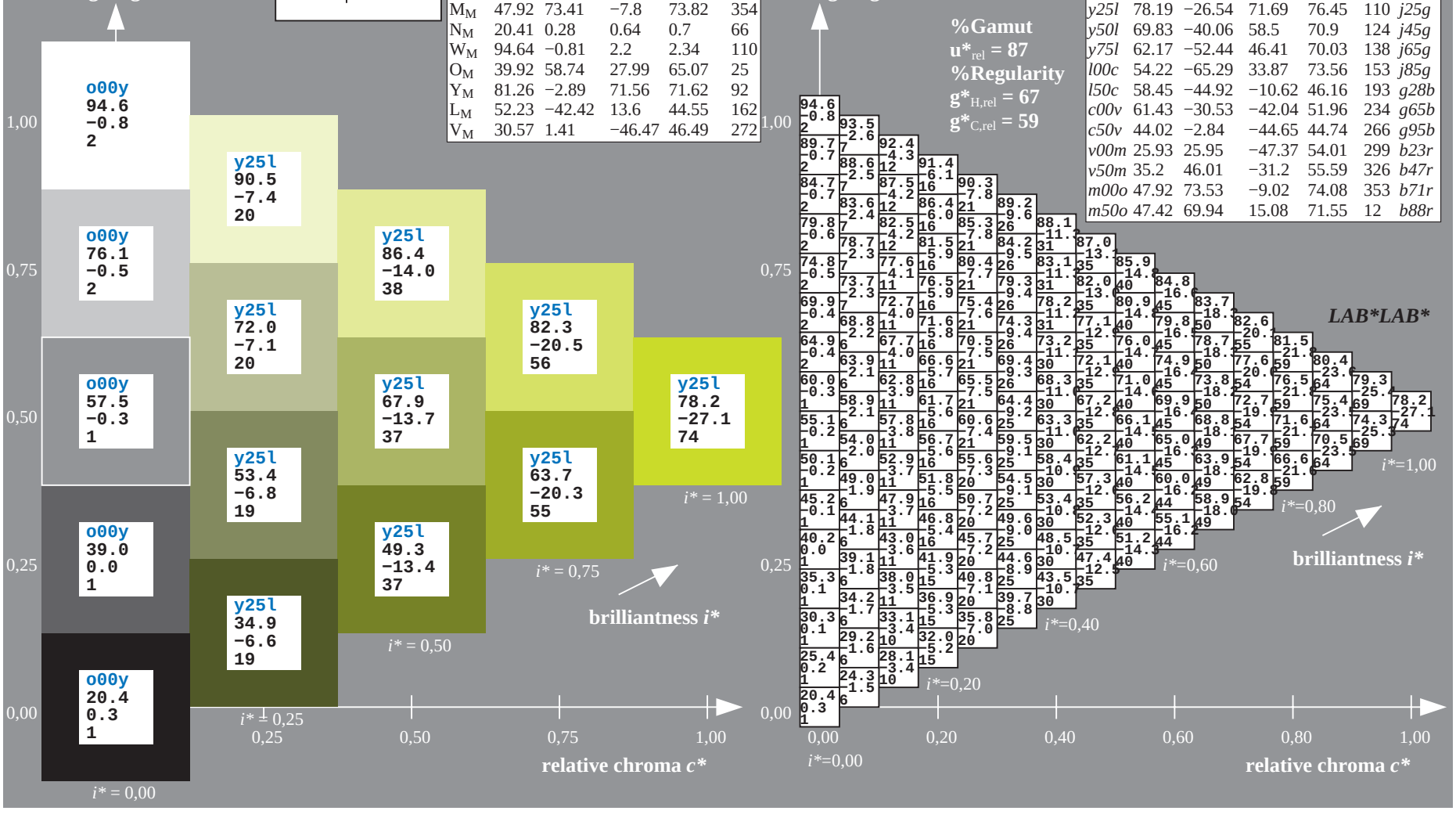
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 −27 72
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.74 1.0 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

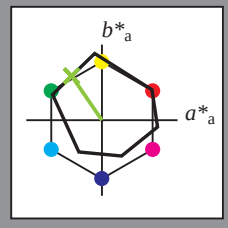
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

*u*d = y25l*
*LAB*LAB**



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.346$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j45g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



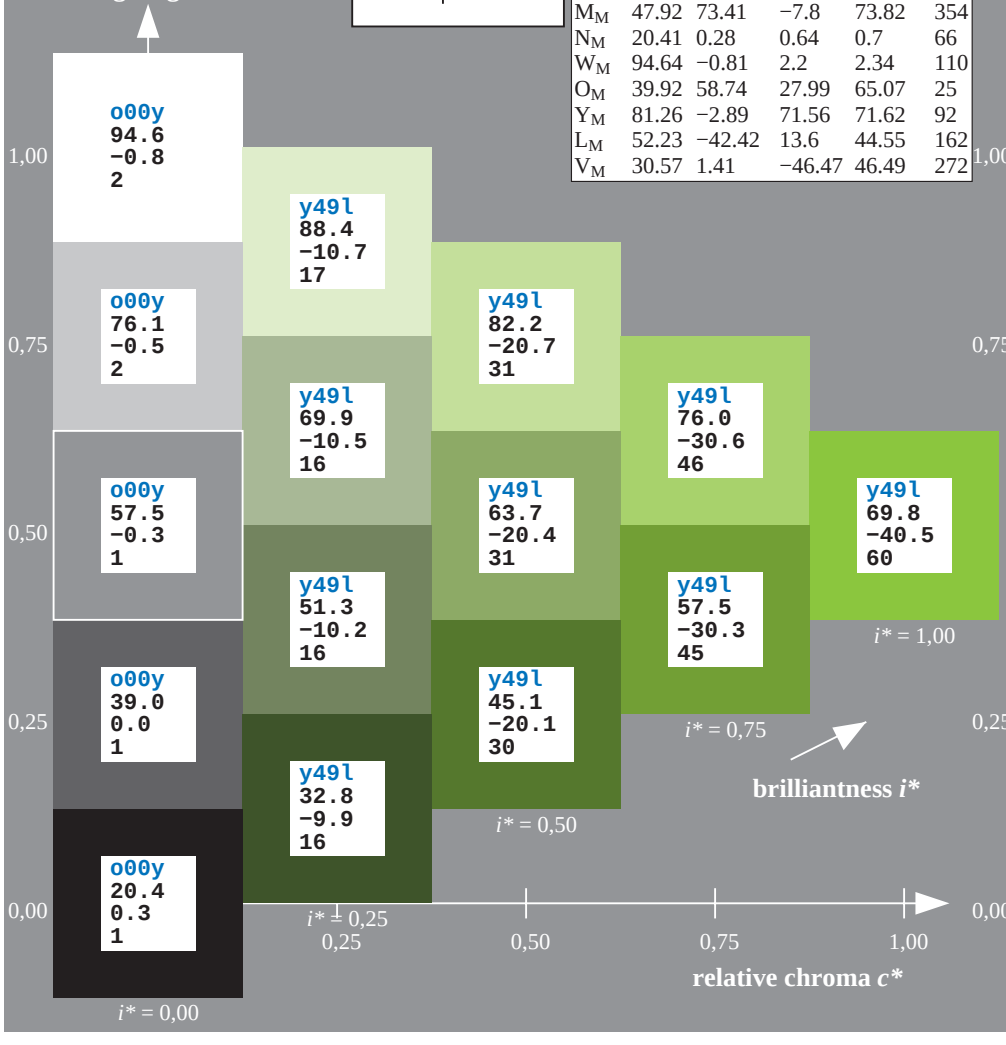
ORS20_95; CIELAB data

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

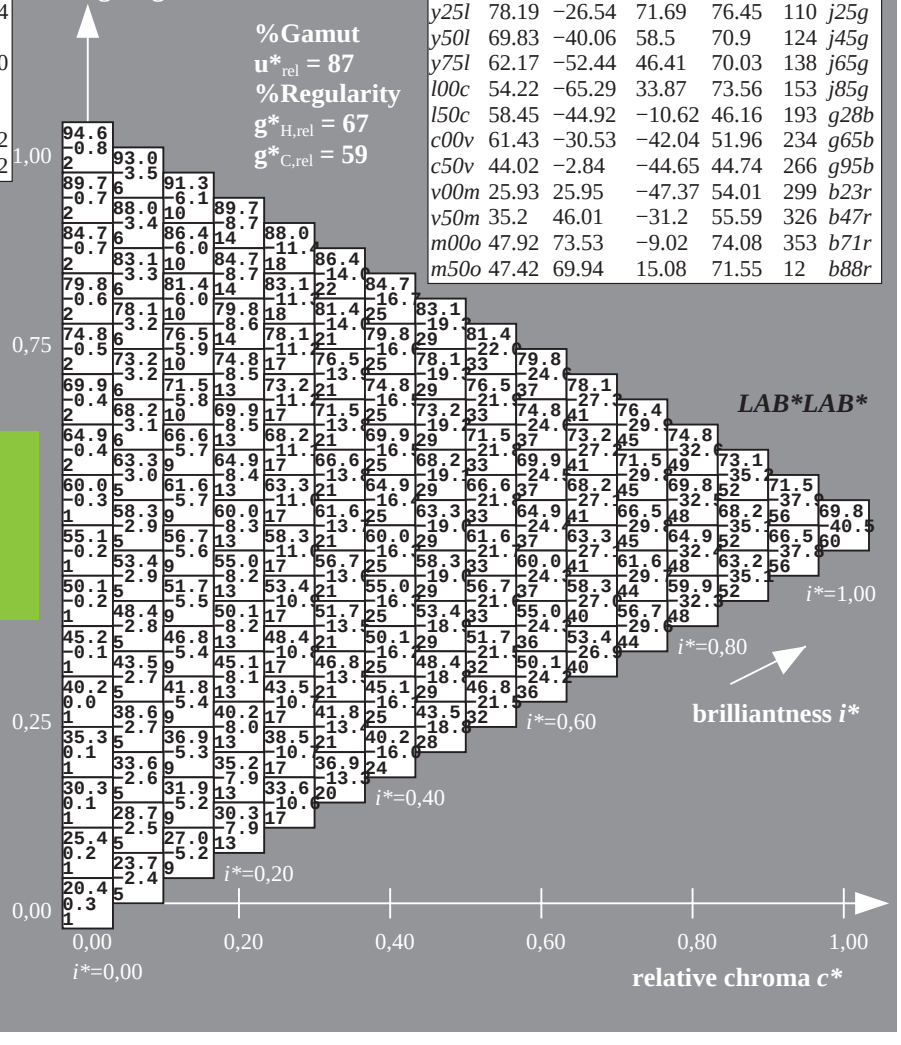
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 70 −40 58
$LAB^*LCH^*_{Ma}$: 70 71 124
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.54 1.0 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

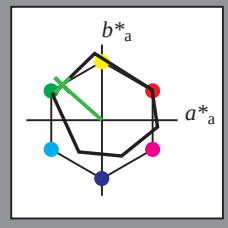


%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.385$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j65g*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95; CIELAB data

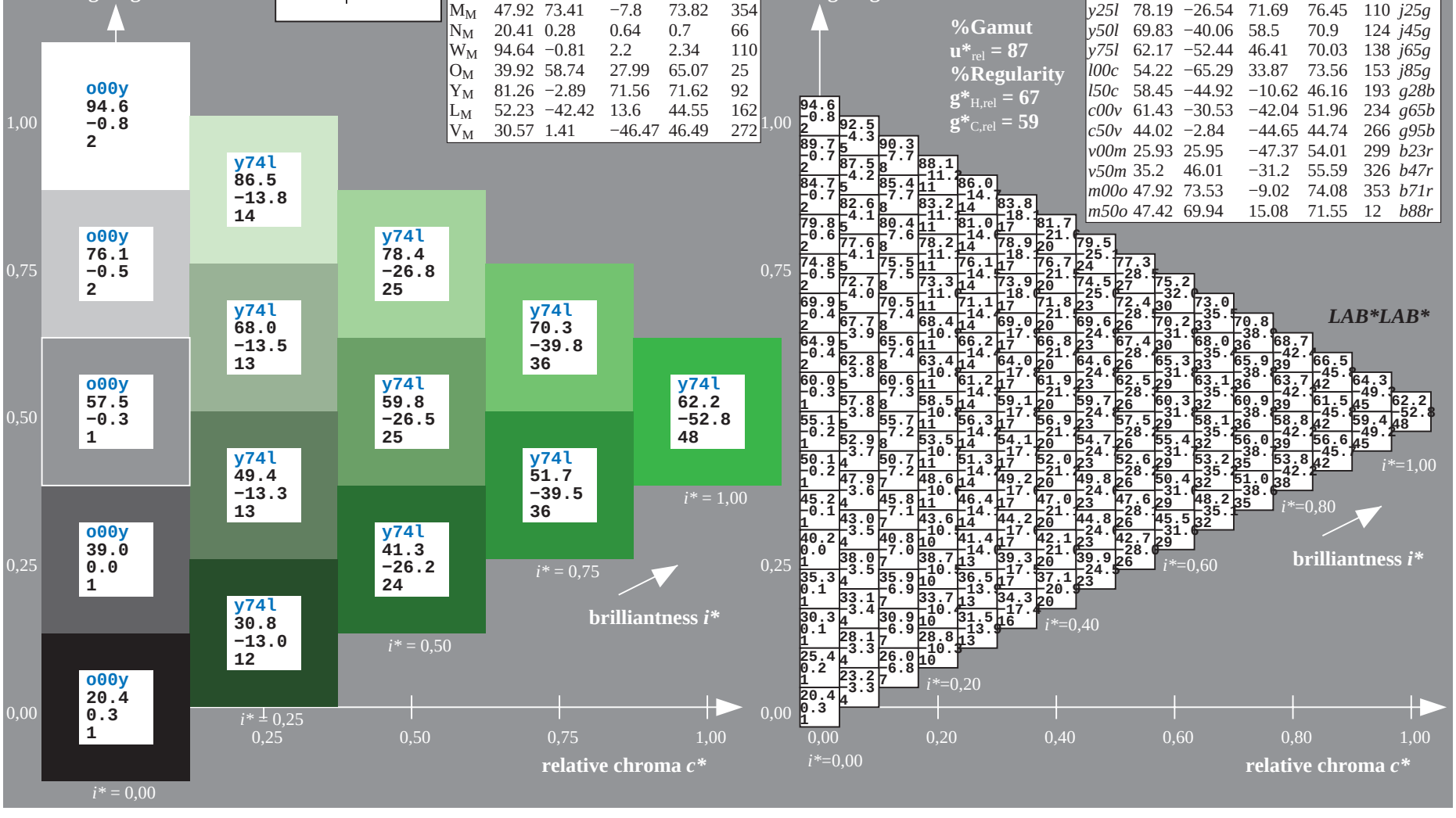
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	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**$_{Ma}$: 62 −52 46
*LAB*LCH**$_{Ma}$: 62 70 138
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.34 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

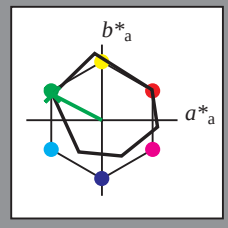
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.424$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j85g*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95; CIELAB data

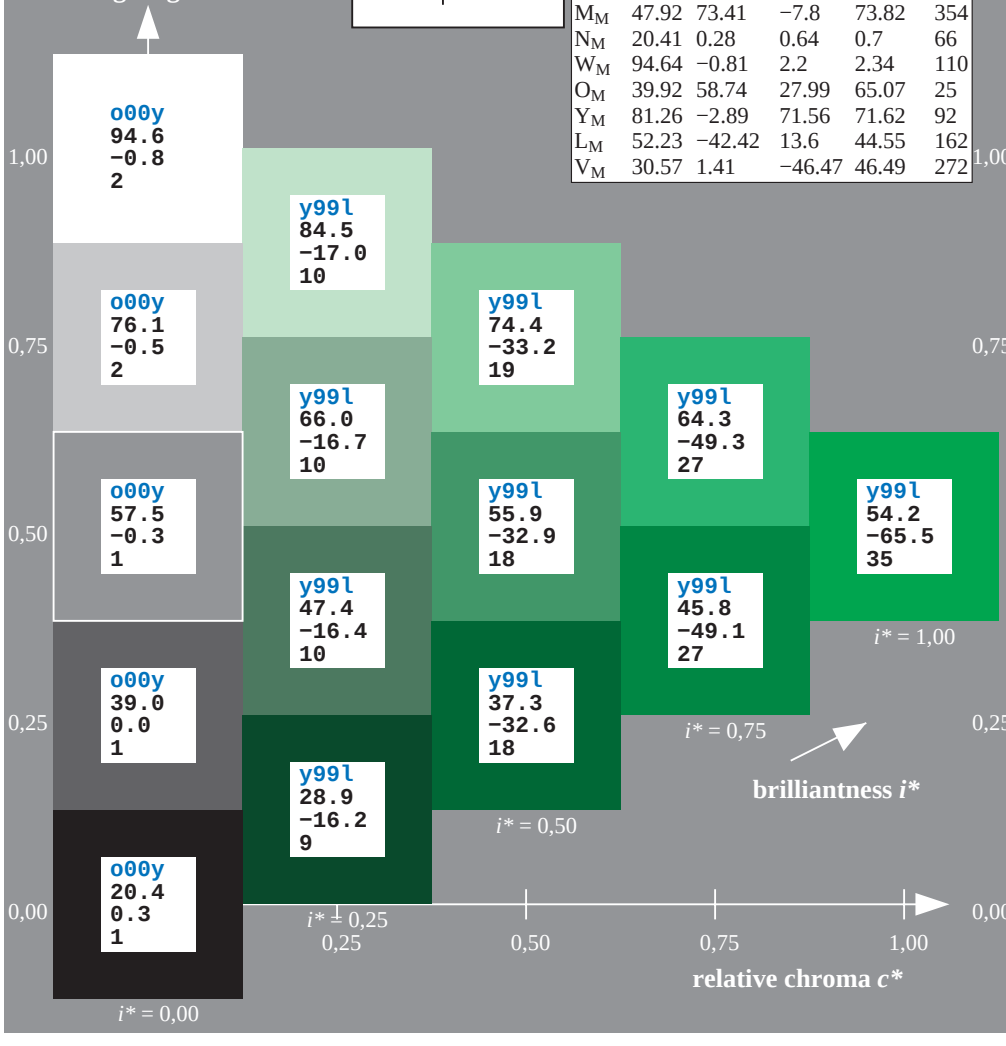
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	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

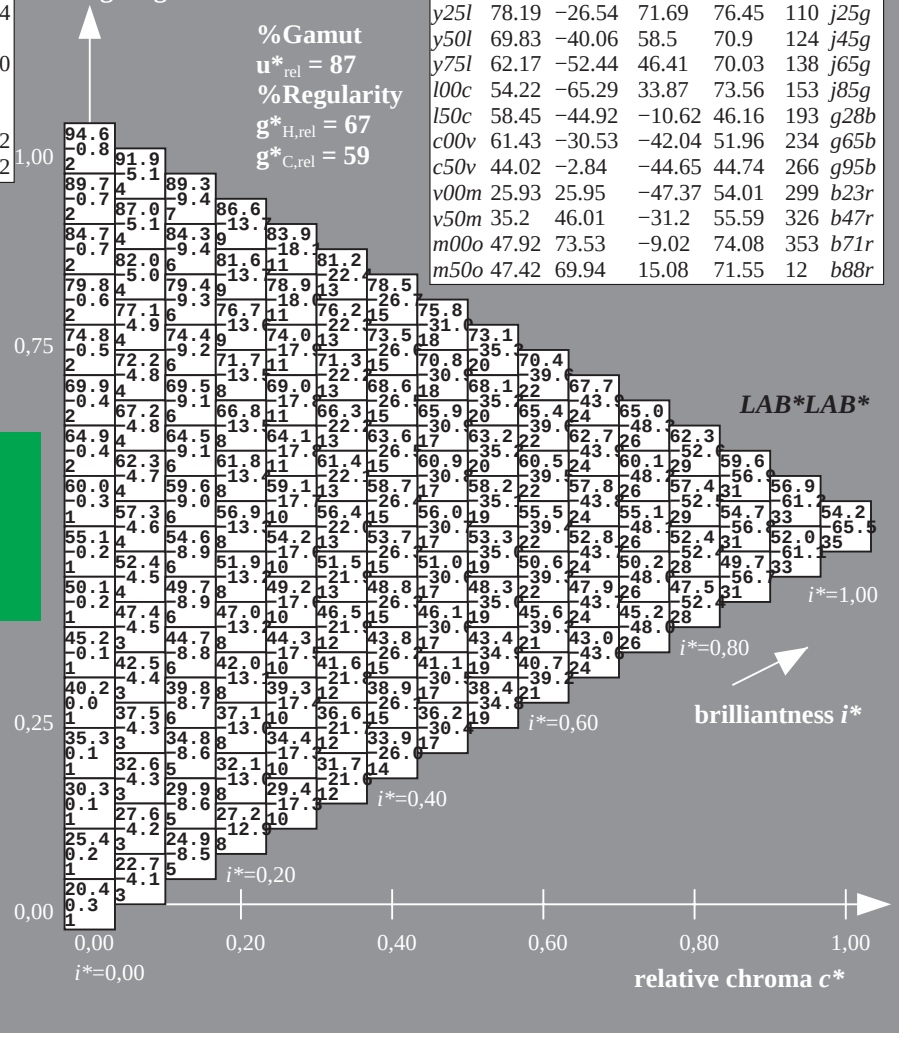
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 54 −65 34
*LAB*LCH**$_{Ma}$: 54 74 152
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.14 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

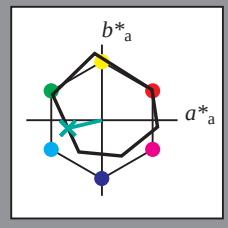
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.537**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95; CIELAB data

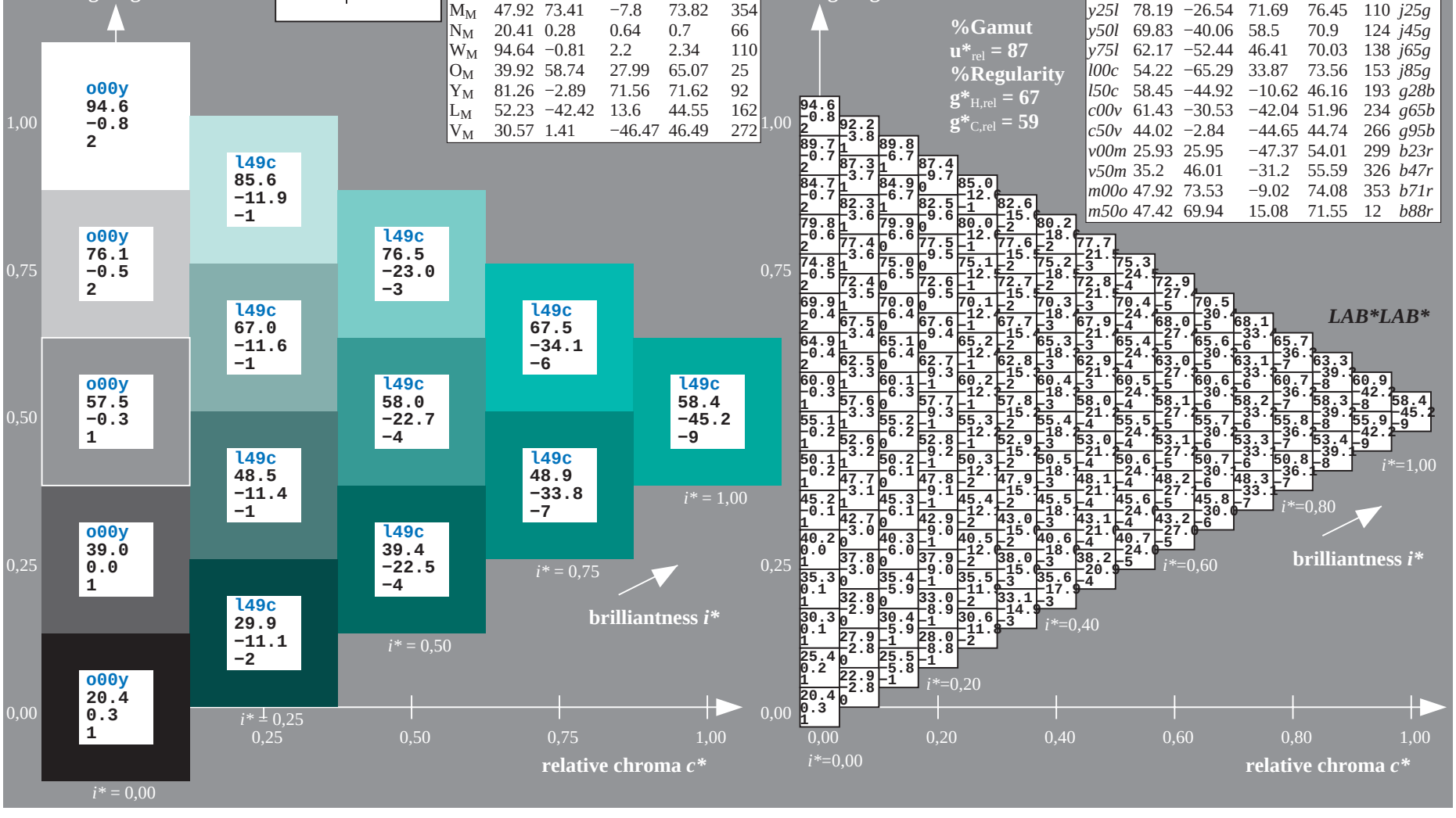
u^*_d	L*=L*	a*	b*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	58.74	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**$_{Ma}$: 58 −45 −11
*LAB*LCH**$_{Ma}$: 58 46 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

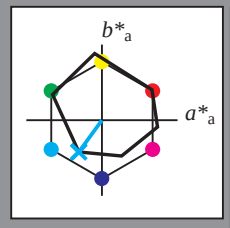
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.65**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g65b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95; CIELAB data

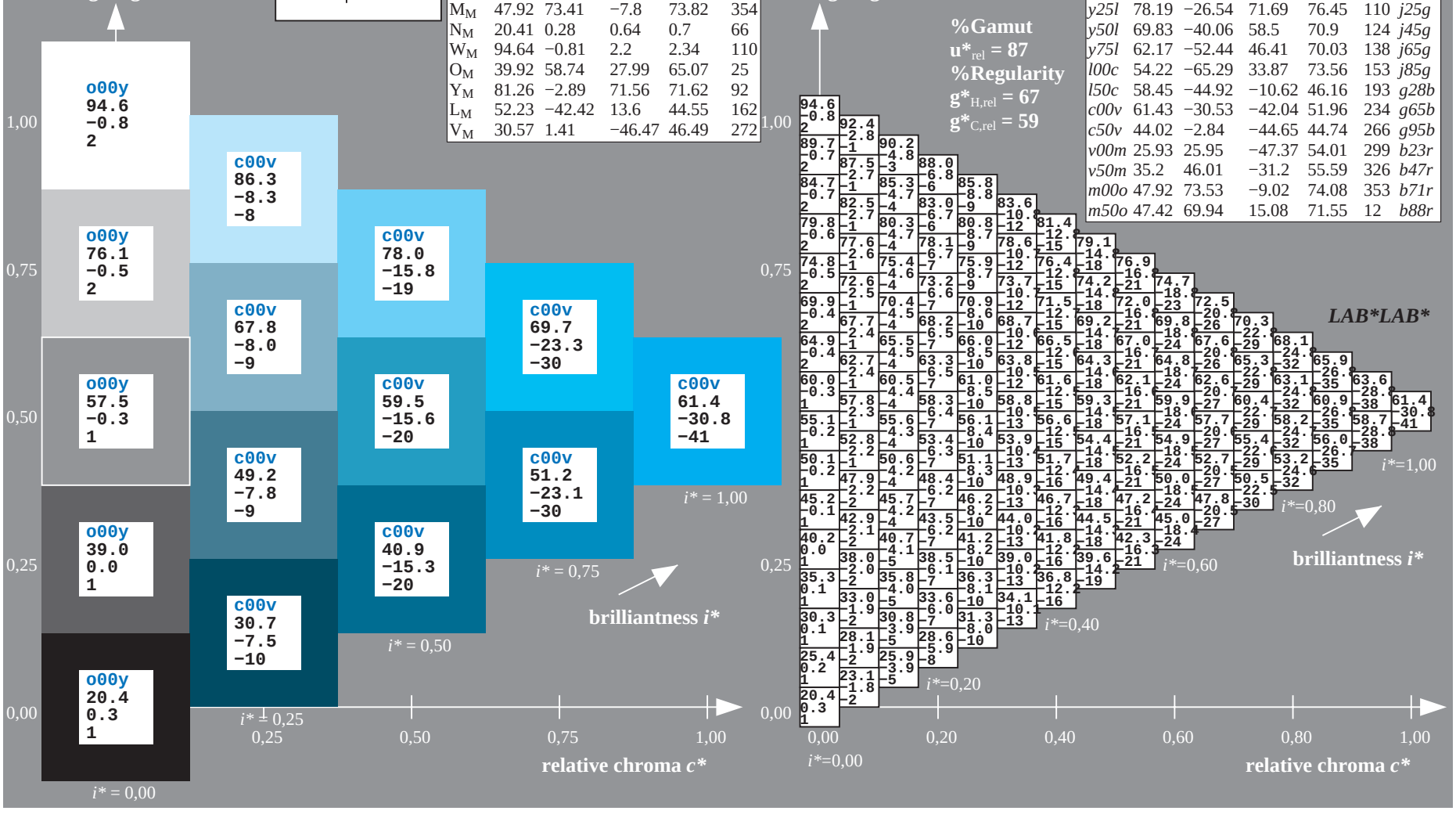
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	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**$_{Ma}$: 61 −31 −42
*LAB*LCH**$_{Ma}$: 61 52 234
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.69 1.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

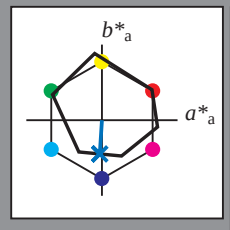
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.74**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c50v* u^*_e = *g95b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95; CIELAB data

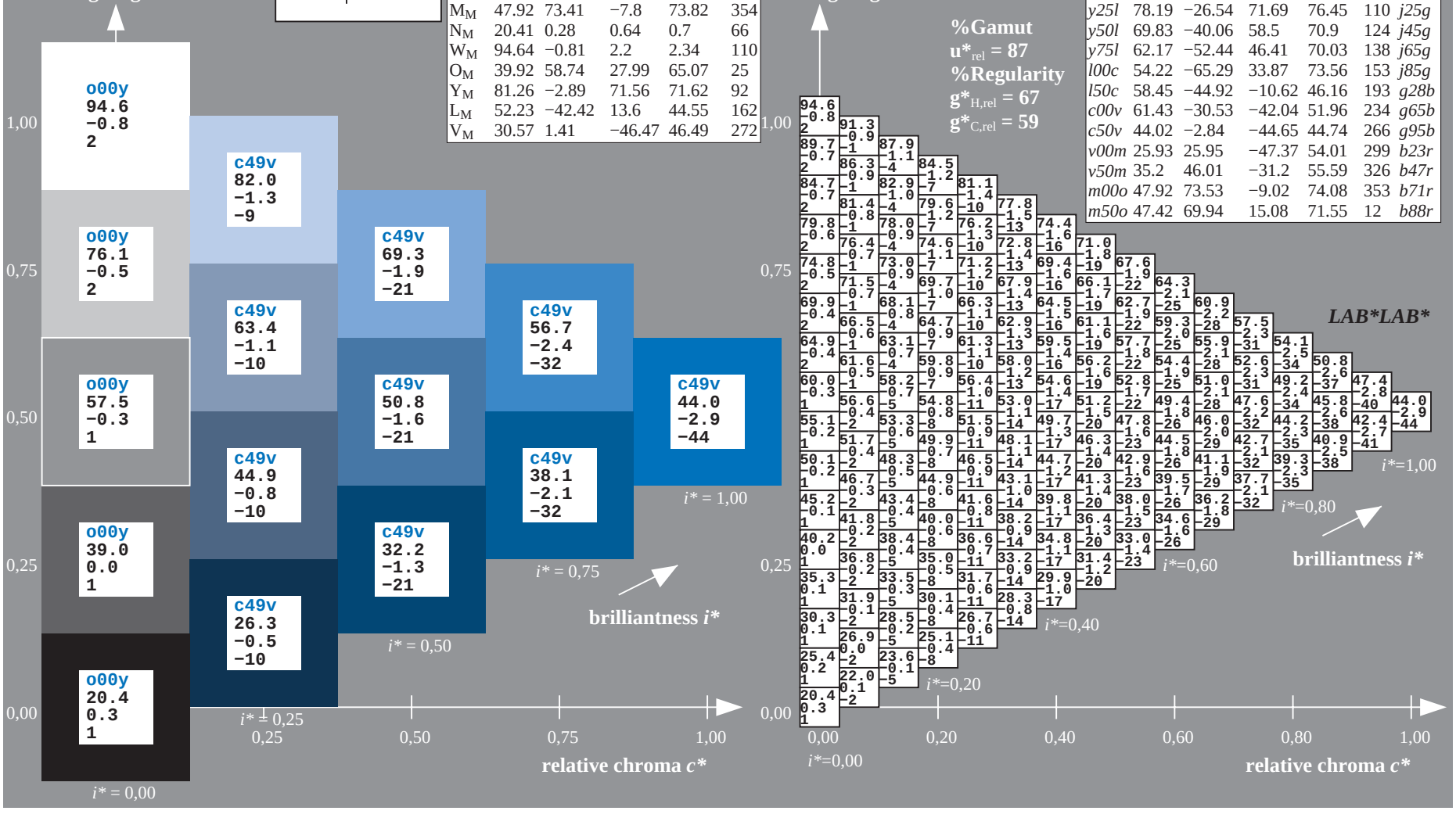
u^*_d	L*=L*	a*	b*	C*ab	h*ab
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	58.74	27.99	65.07	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*$_{Ma}$: 44 −3 −45
LAB*LCH*$_{Ma}$: 44 45 266
lab*olv*$_{Ma}$: 0.0 0.5 1.0
lab*rgb*$_{Ma}$: 0.0 0.1 1.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

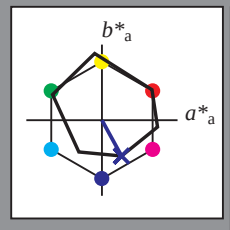
u^*_d	L*=L*a	a*a	b*a	C*ab,a	h*ab,a	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	58.5	70.9	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*

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



Input and output: Colorimetric Printer Reflective System ORS20_95a 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_95; 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

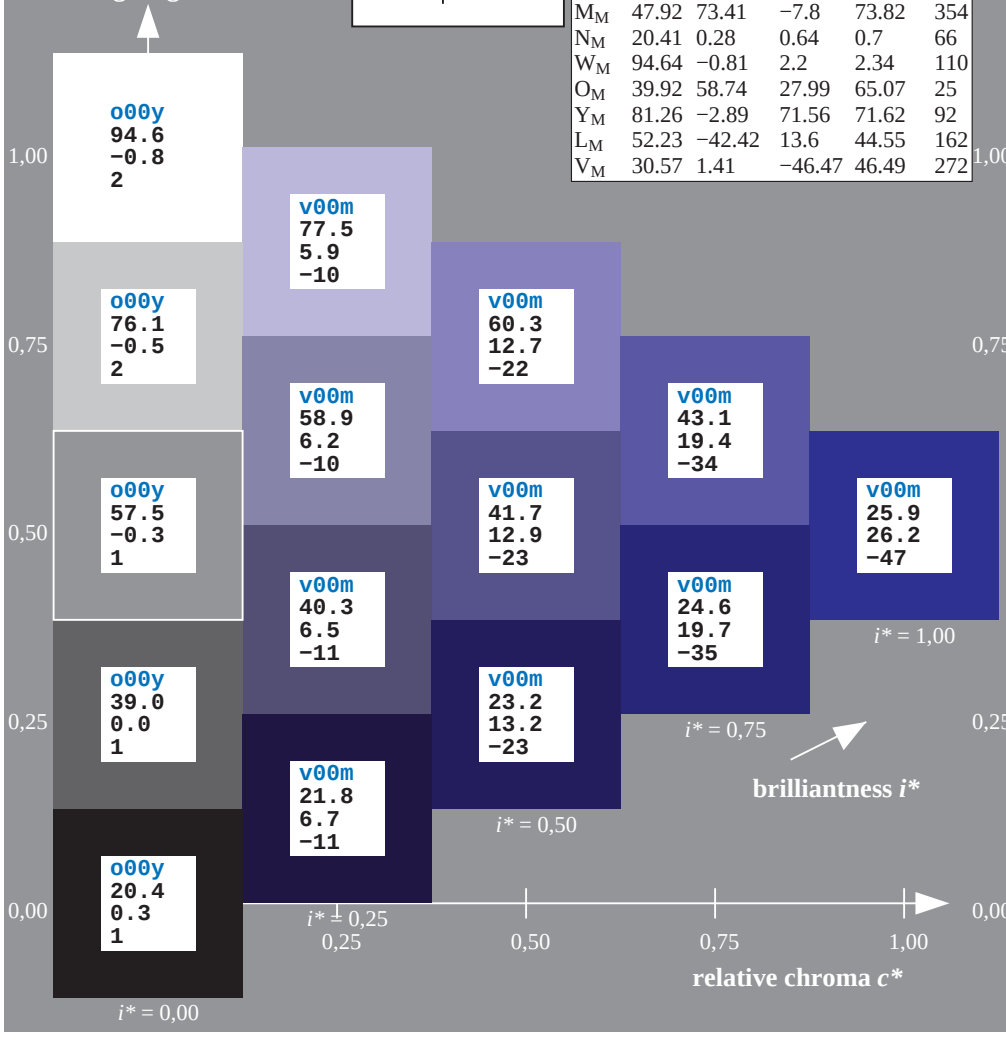
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 26 26 −47
$LAB^*LCH^*_{Ma}$: 26 54 298
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.47 0.0 1.0
triangle lightness *t**

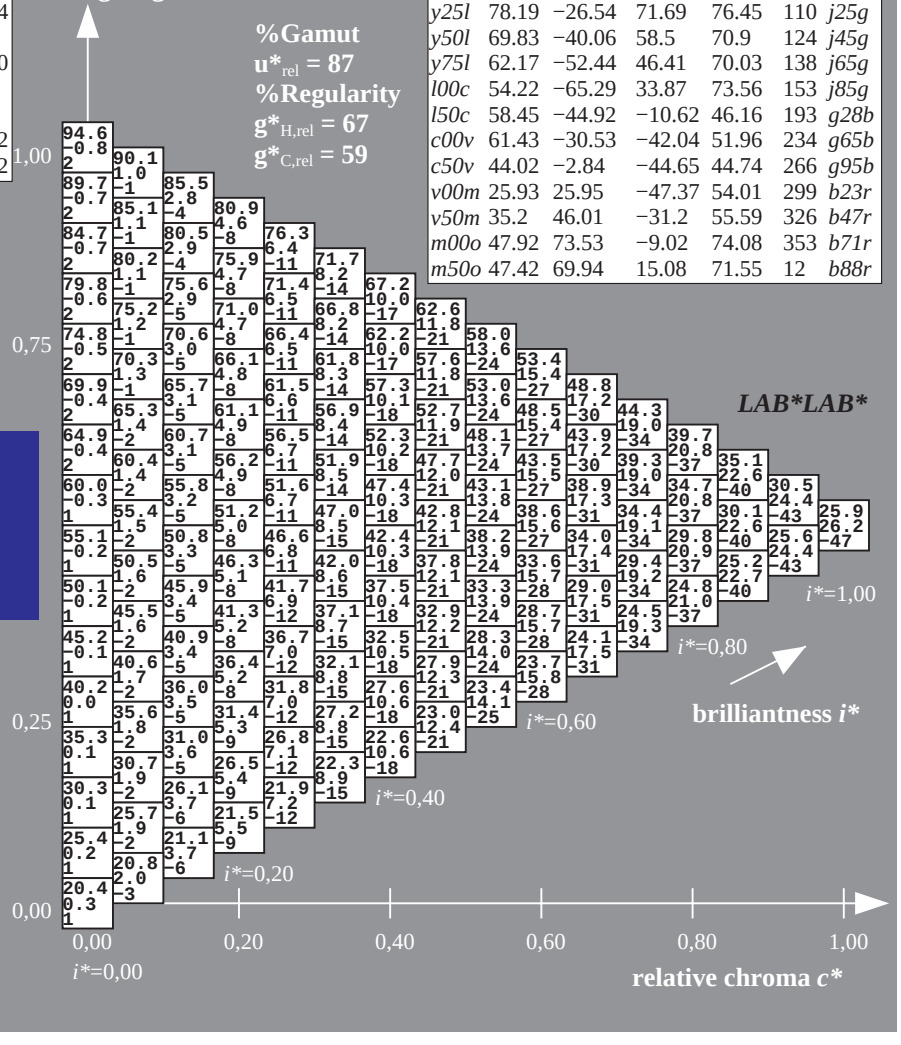
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *v00m*
LAB*LAB*

ORS20_95a; adapted (a) CIELAB data

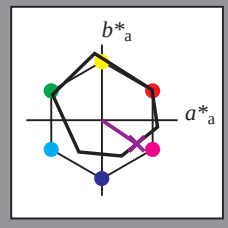
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.905**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



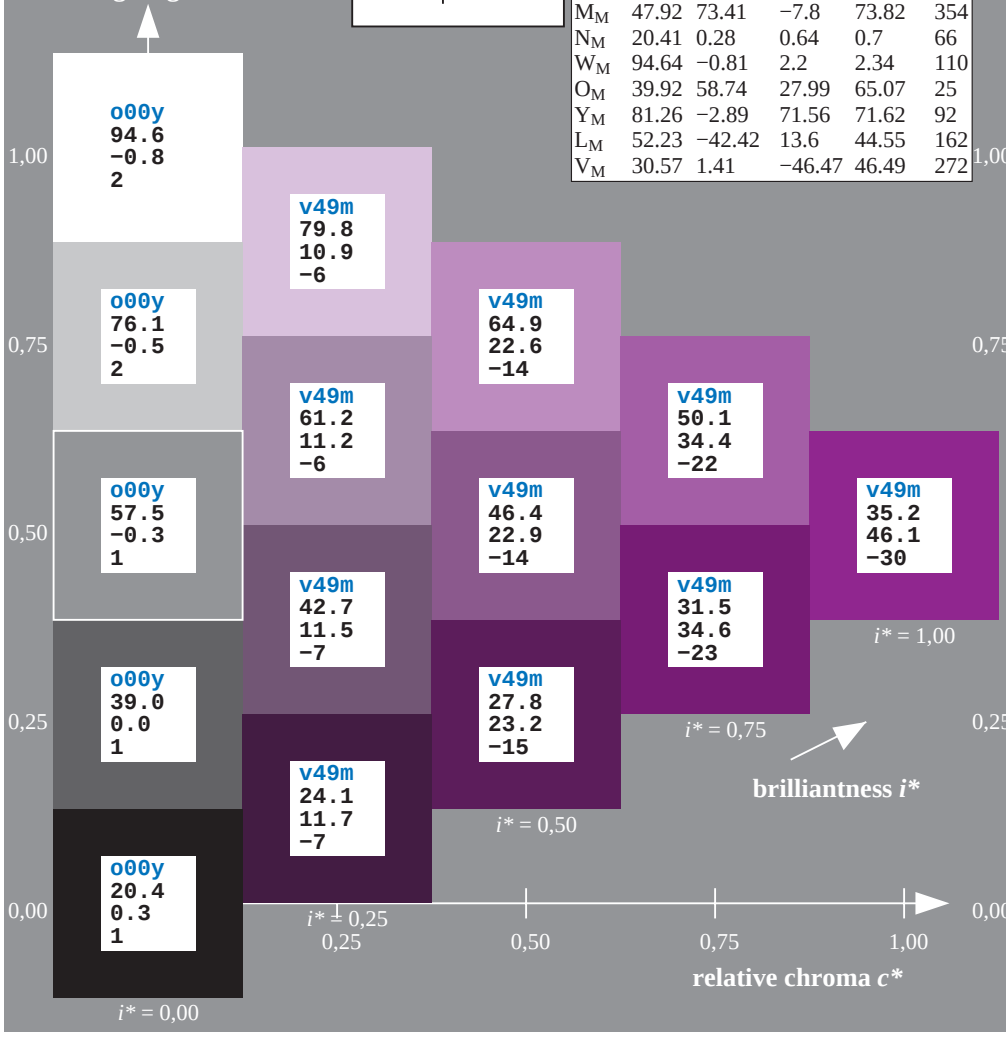
ORS20_95; CIELAB data

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

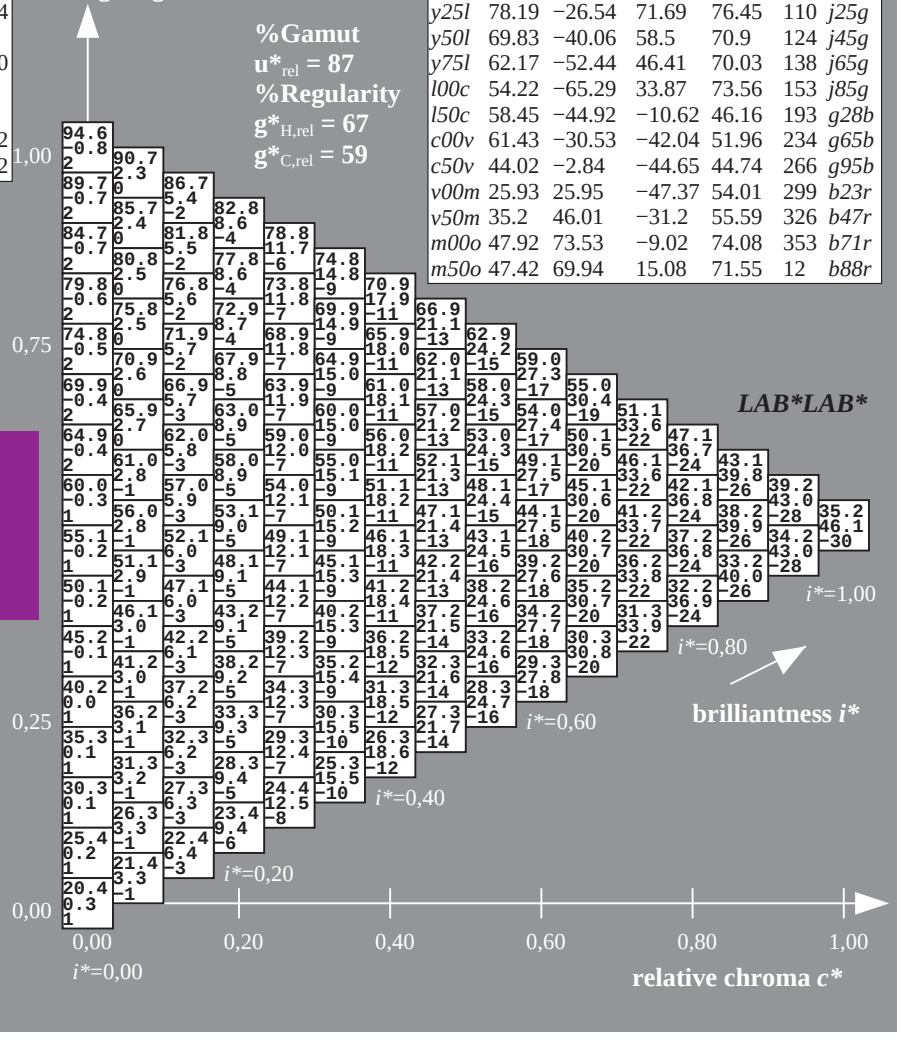
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 35 46 −31
*LAB*LCH**$_{Ma}$: 35 56 325
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.95 0.0 1.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

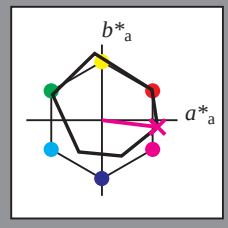


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.981**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95; CIELAB data

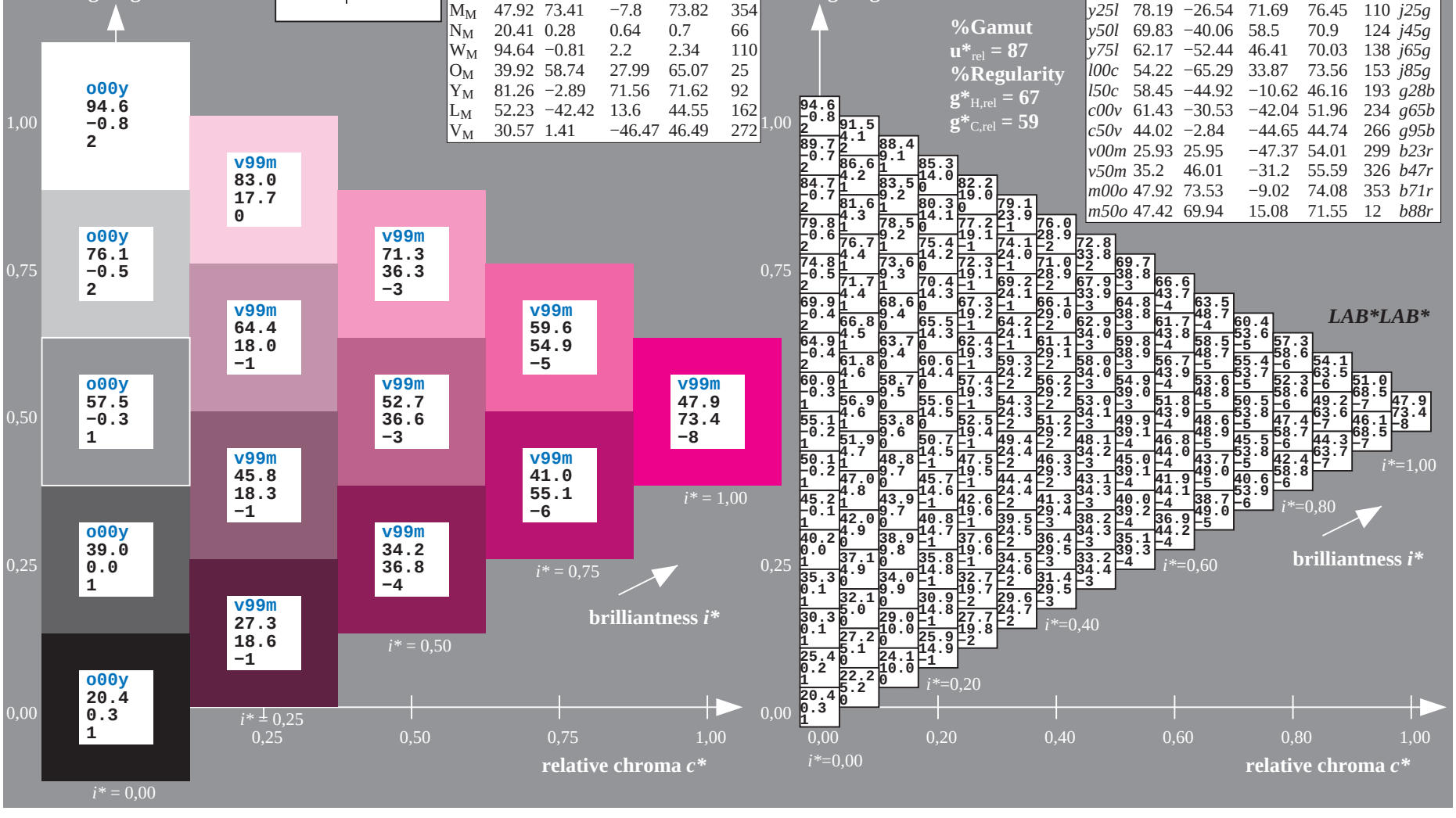
u^*_d	L*=L*	a*	b*	C*ab	h*ab
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	58.74	27.99	65.07	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**$_{Ma}$: 48 74 −9
*LAB*LCH**$_{Ma}$: 48 74 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.57
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

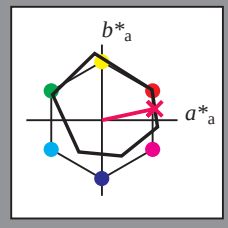
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.034**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95; CIELAB data

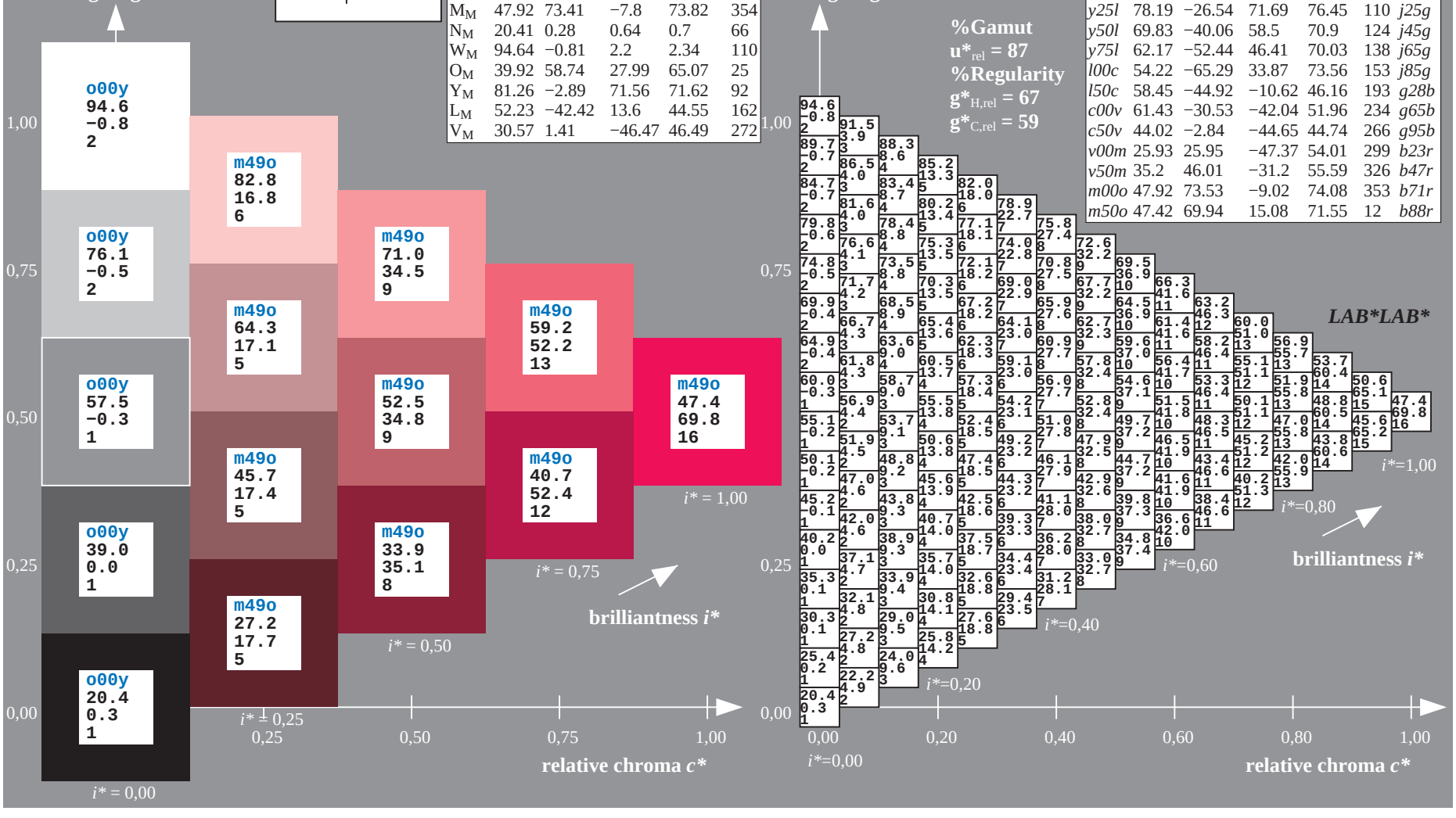
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	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

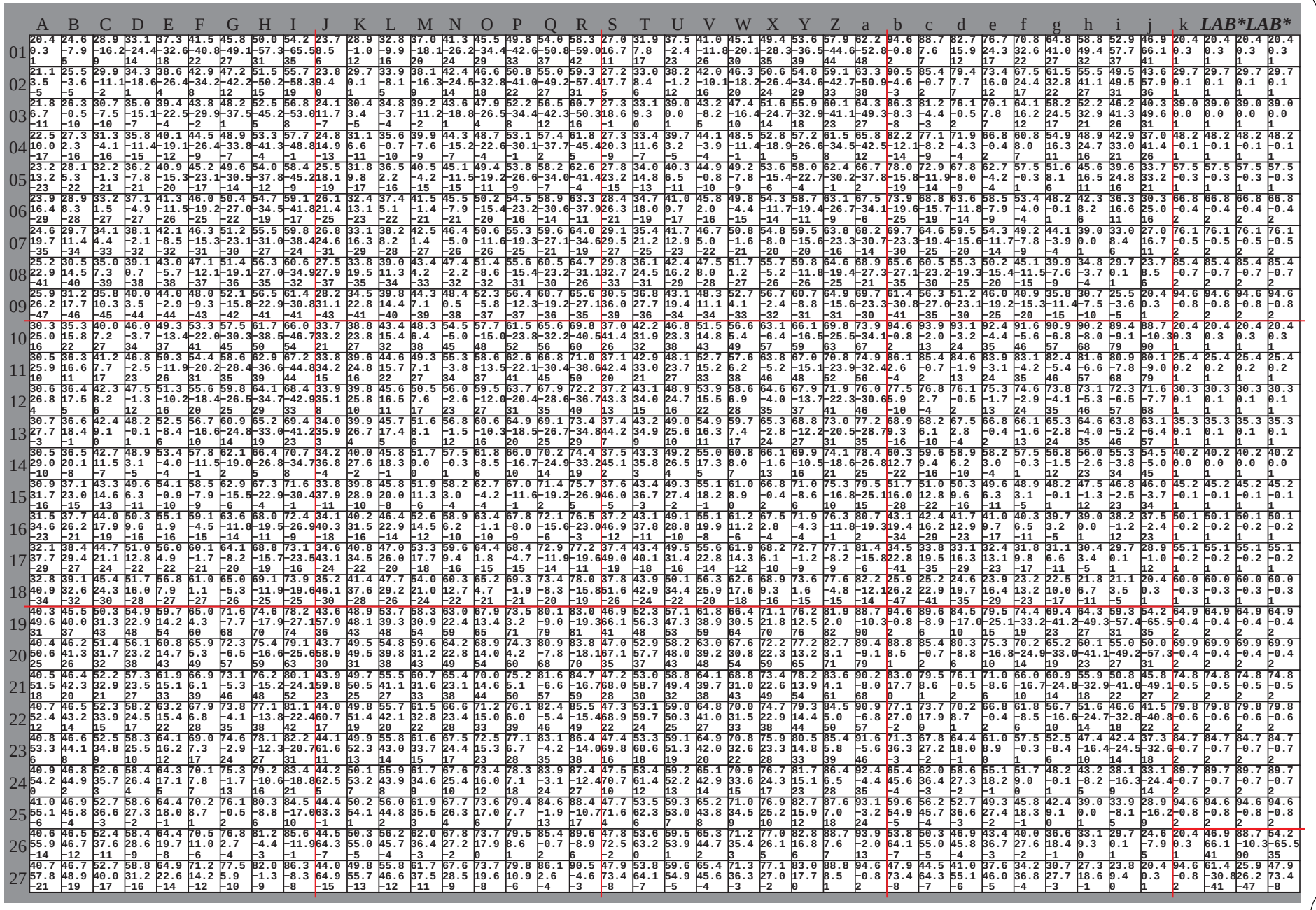
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 47 70 15
*LAB*LCH**$_{Ma}$: 47 72 12
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.23
triangle lightness *t**

%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*

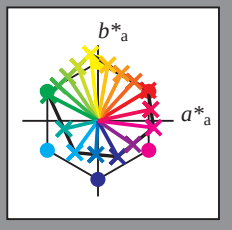




Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

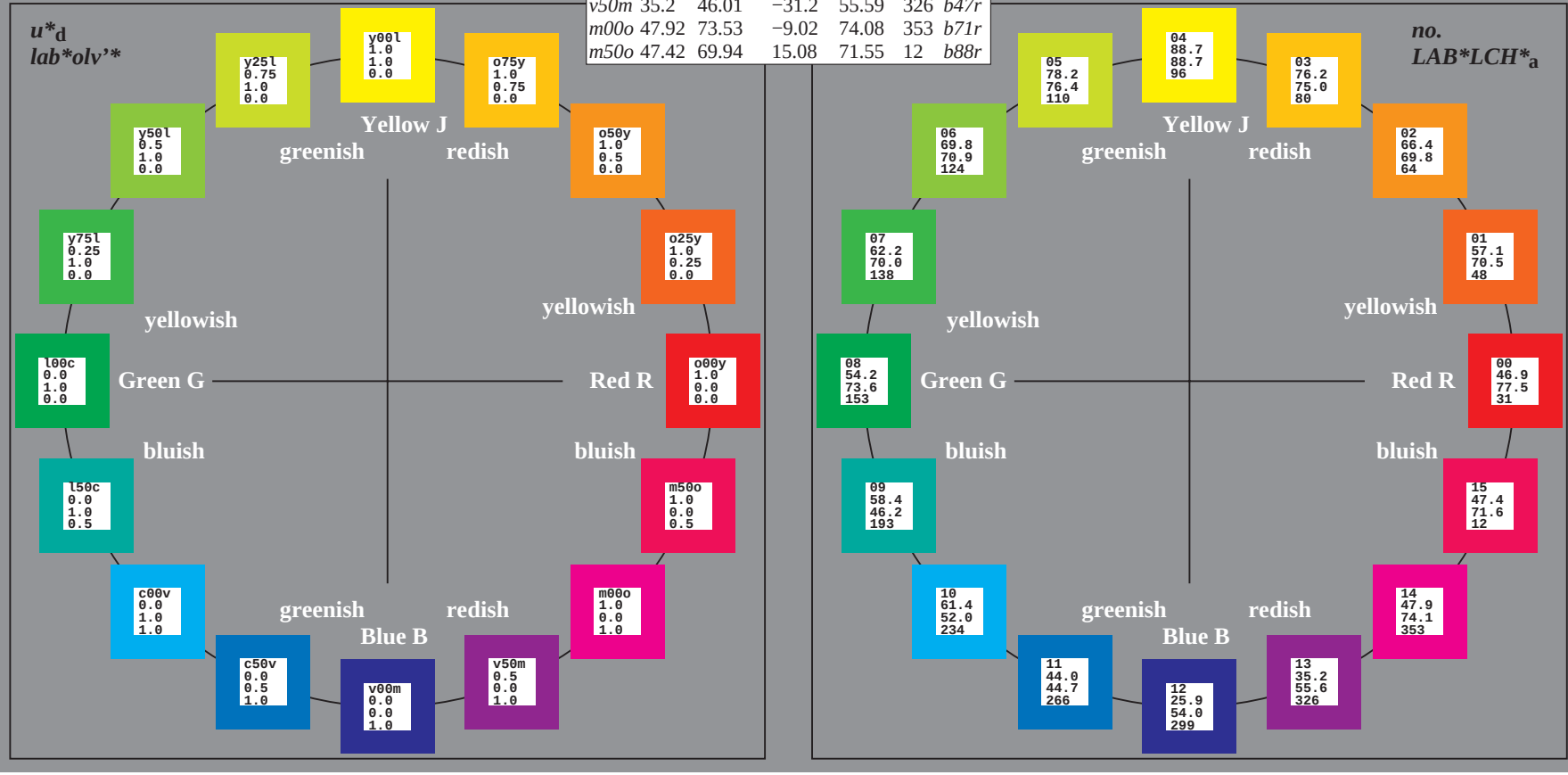
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*



%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

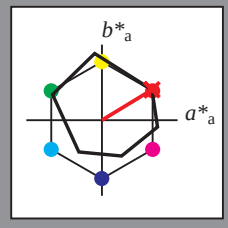
ORS20_95a; CIELAB data

Name	$L^*=L^*$	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_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r09j$
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	41.43	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

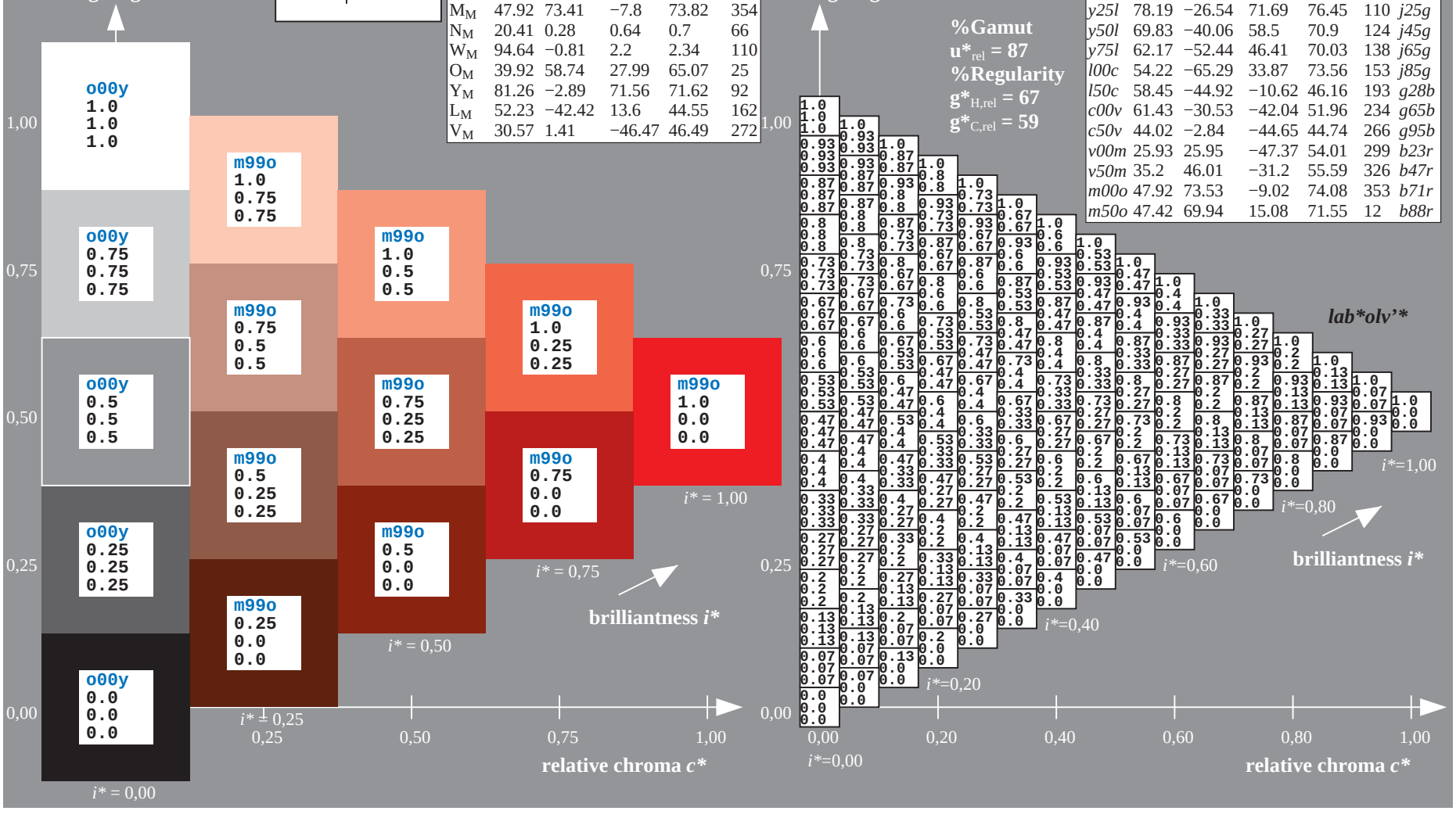
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 47 66 40
$LAB^*LCH^*_{Ma}$: 47 77 31
$lab^*olv^*_{Ma}$: 1.0 0.0 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

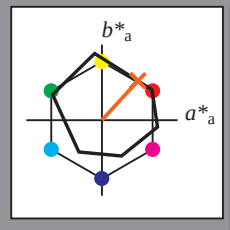
$u^*_d = o00y$
$lab^*olv'^*$

%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



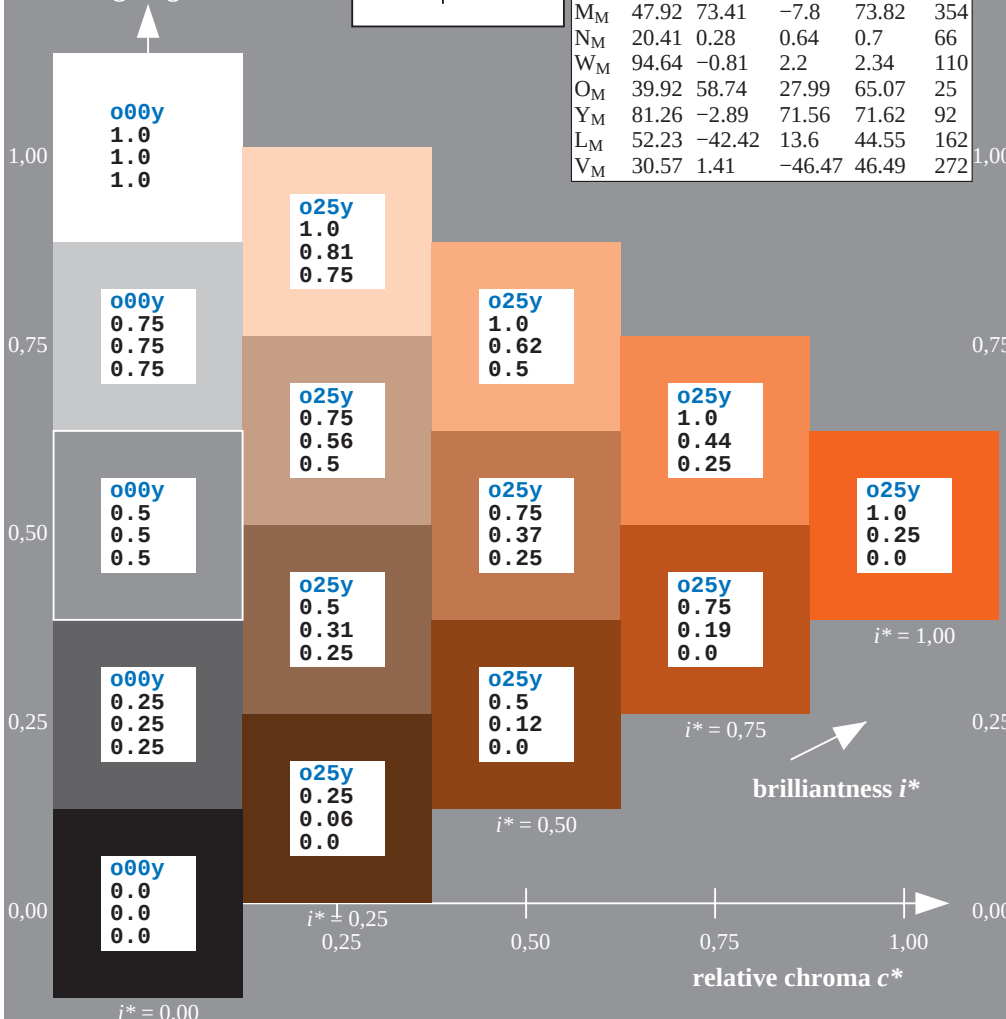
ORS20_95a; CIELAB data

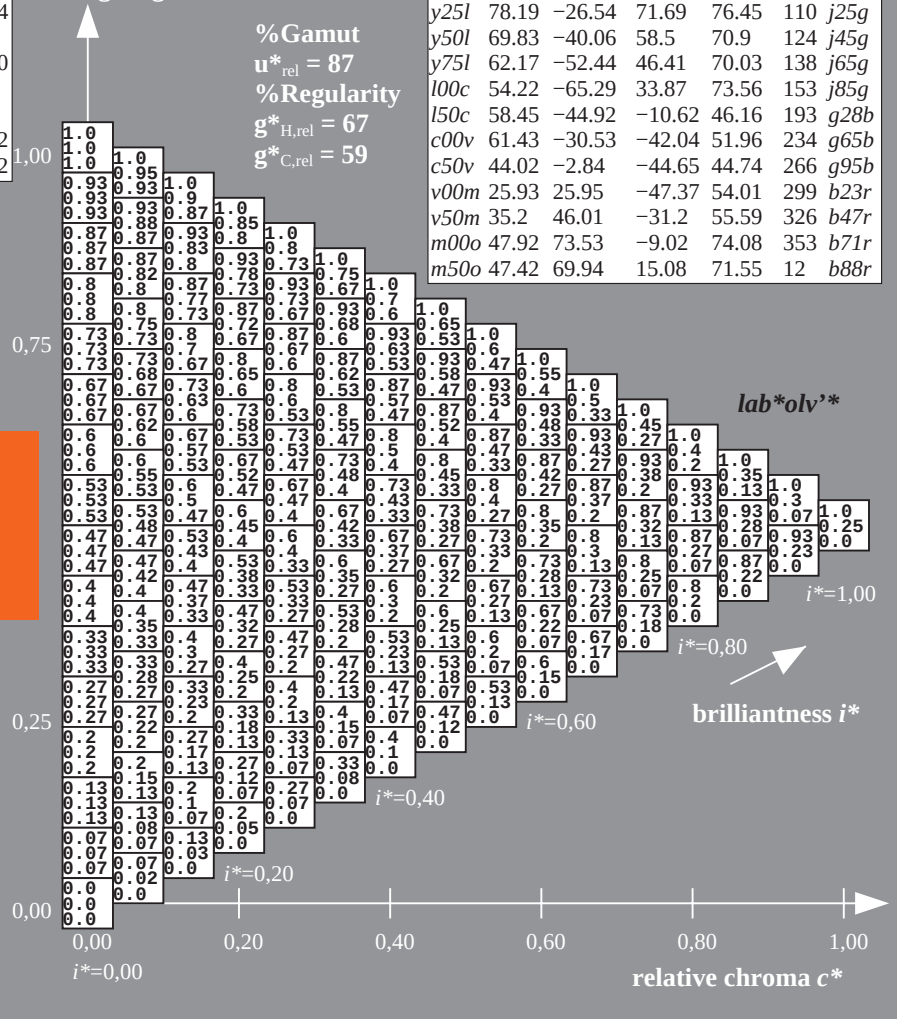
u^*_d	L*=L*	a*	b*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.43	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	58.74	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**$_{Ma}$: 57 48 52
*LAB*LCH**$_{Ma}$: 57 71 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
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
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*

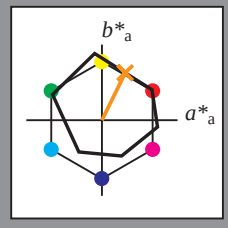




u^*_d = *o25y*
*lab*olv'**

Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.177**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
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	41.84	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

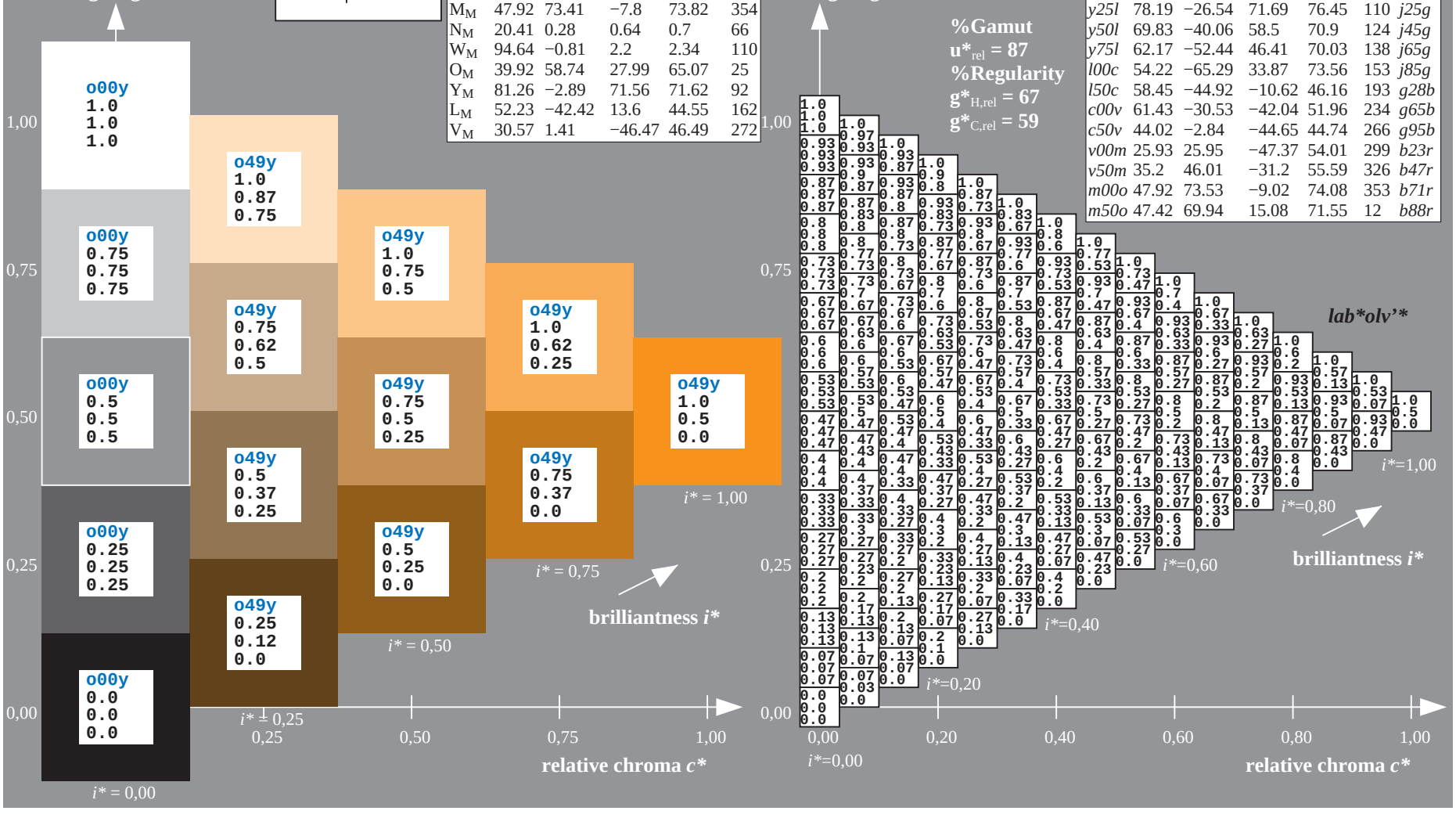
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$: 66 31 63
LAB*LCH*$_{Ma}$: 66 70 63
lab*olv*$_{Ma}$: 1.0 0.5 0.0
lab*rgb*$_{Ma}$: 1.0 0.57 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

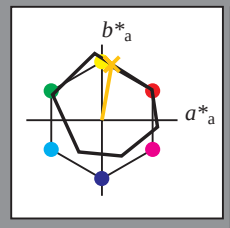
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u*d = o50y
lab*olv'*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.222**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



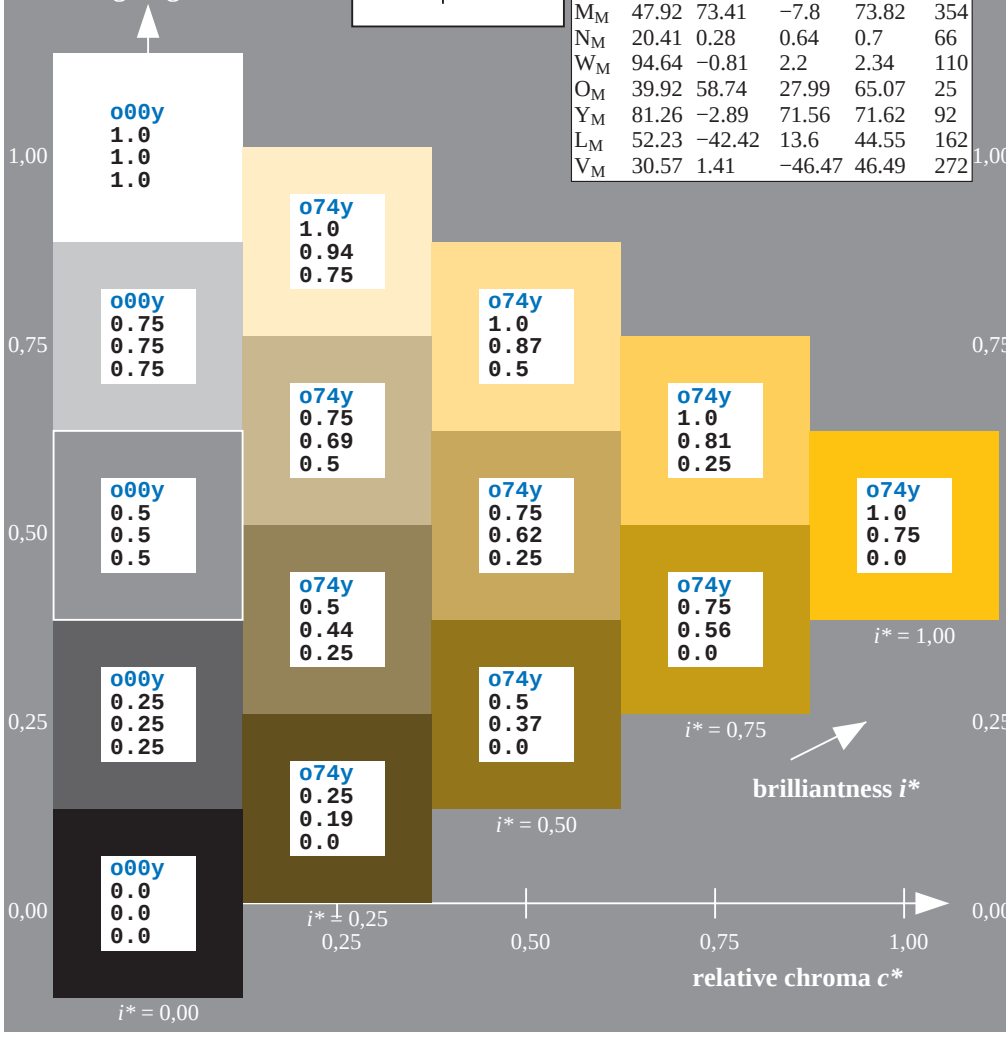
ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.84	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

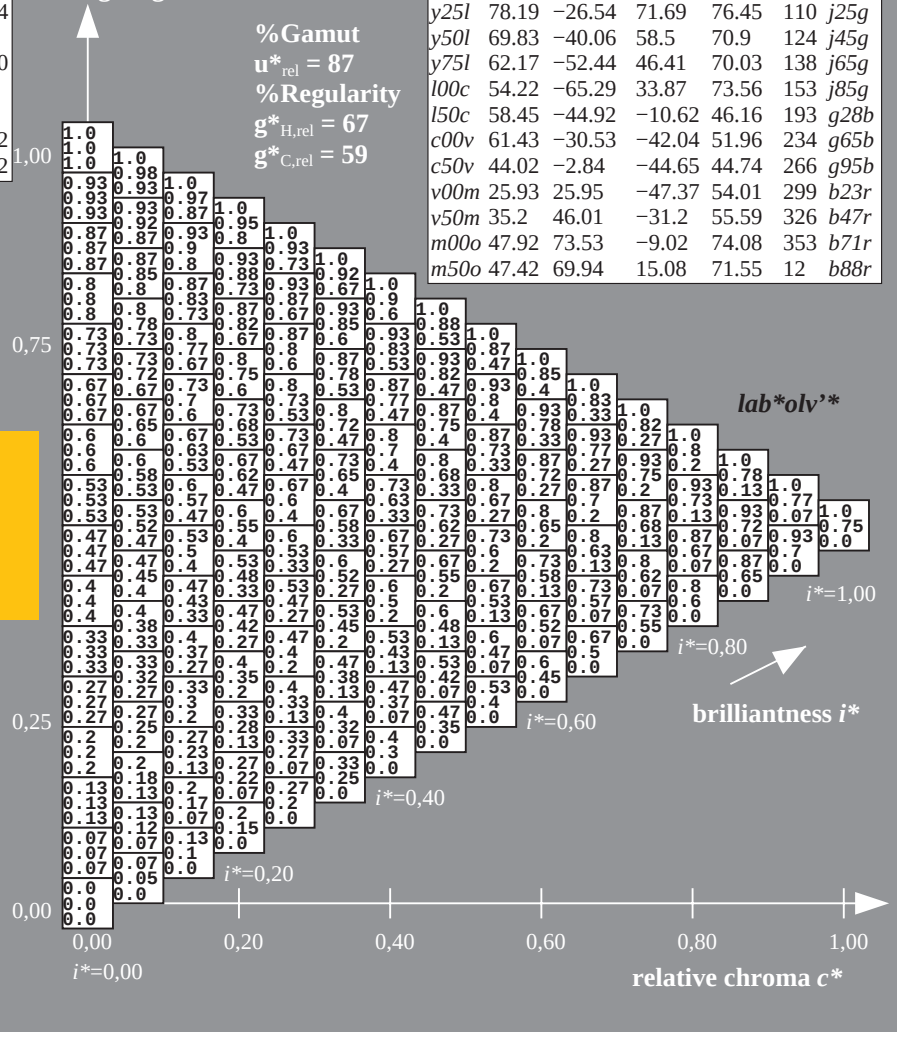
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 76 13 74
*LAB*LCH**$_{Ma}$: 76 75 79
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

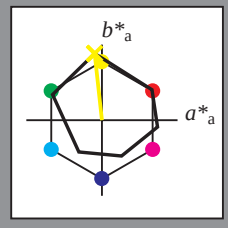


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.267**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
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	41.84	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

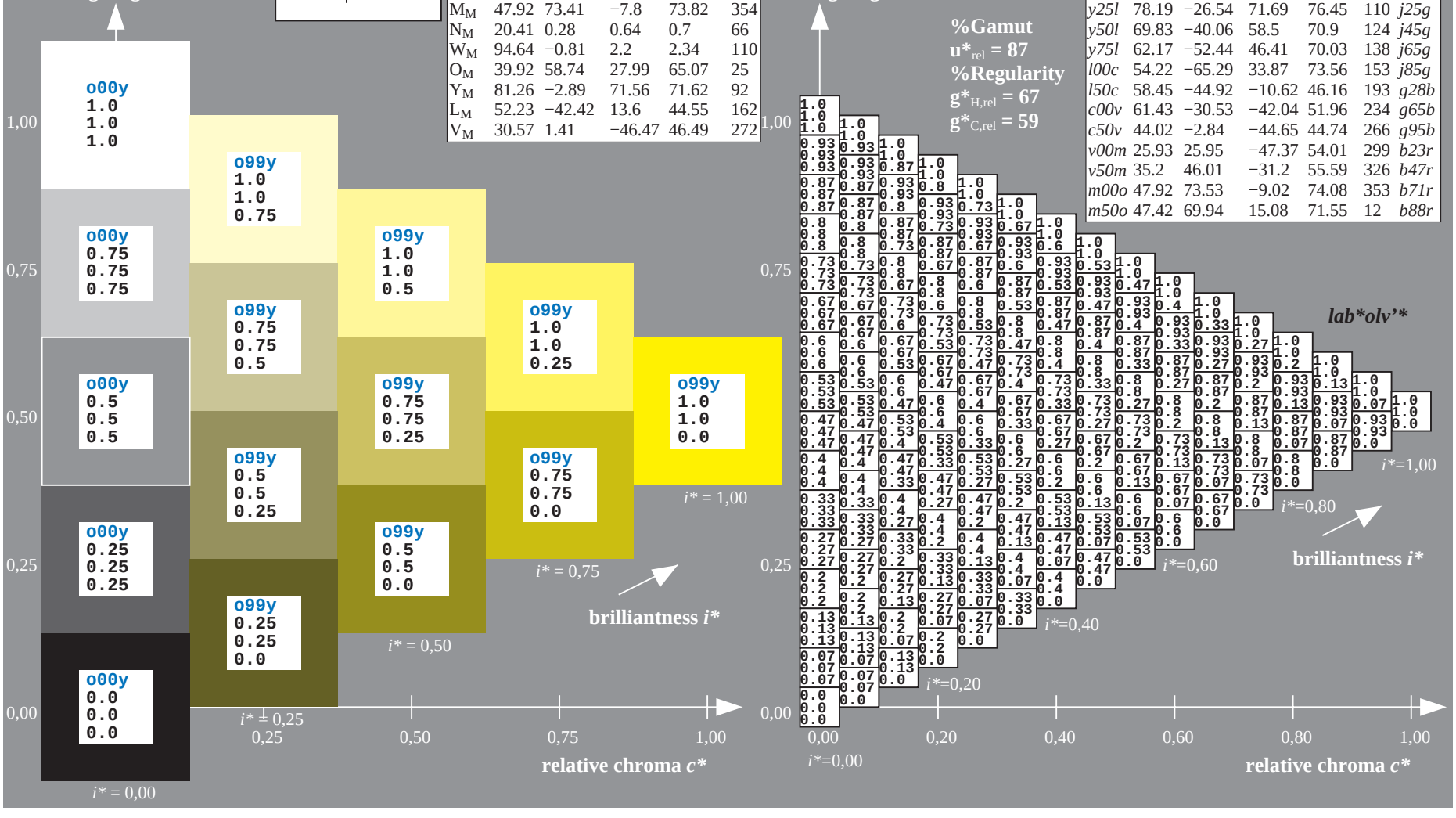
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 89 −10 88
*LAB*LCH**$_{Ma}$: 89 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *y00l*
*lab*olv'**

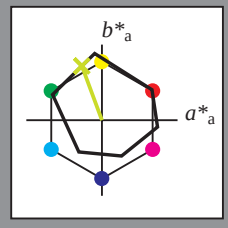
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.306**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; CIELAB data

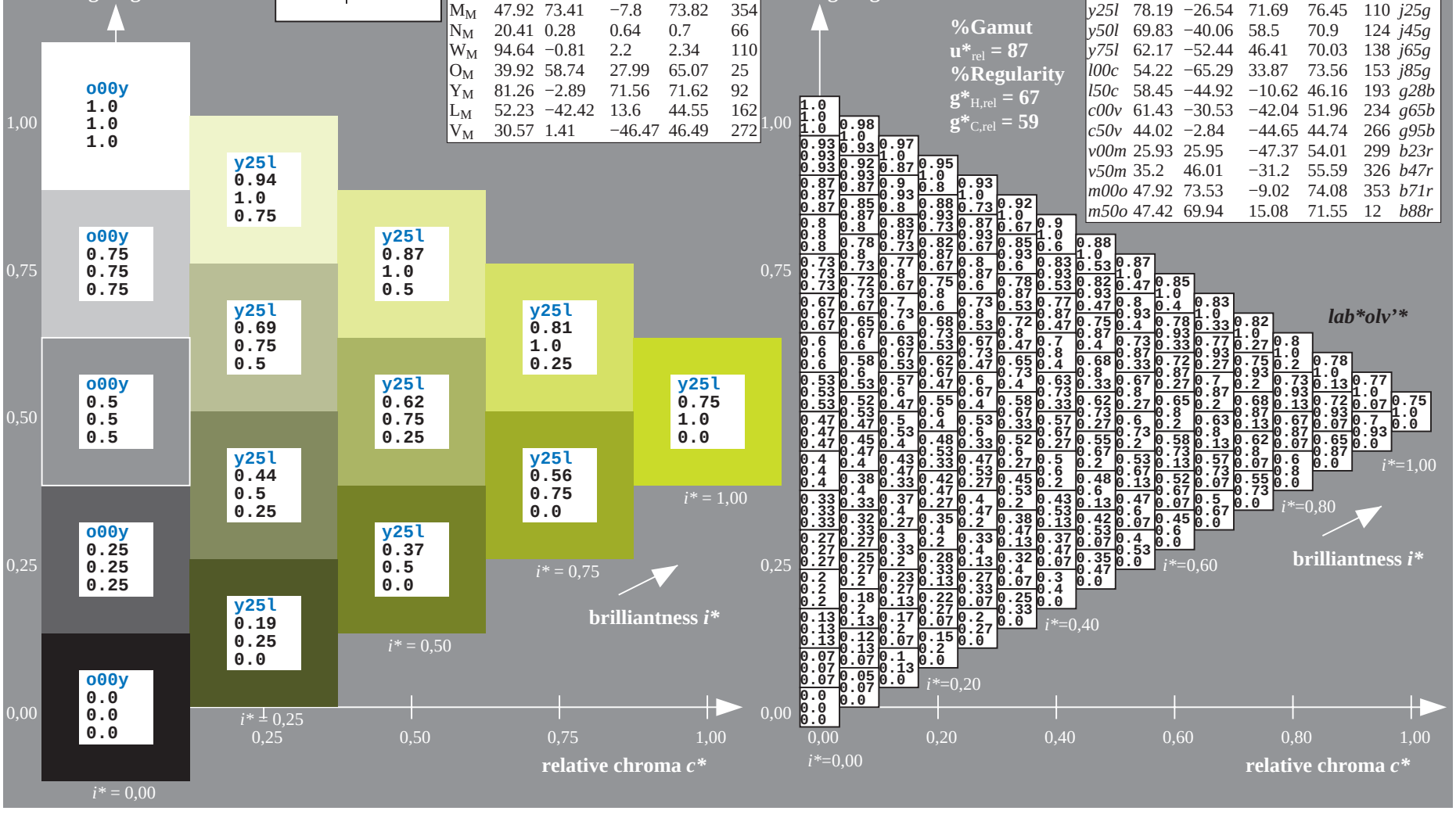
u^*_d	L*=L*	a*	b*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.84	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	58.74	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**$_{Ma}$: 78 −27 72
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.74 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

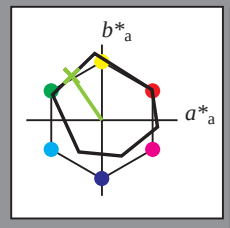
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.346$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j45g*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95a; CIELAB data

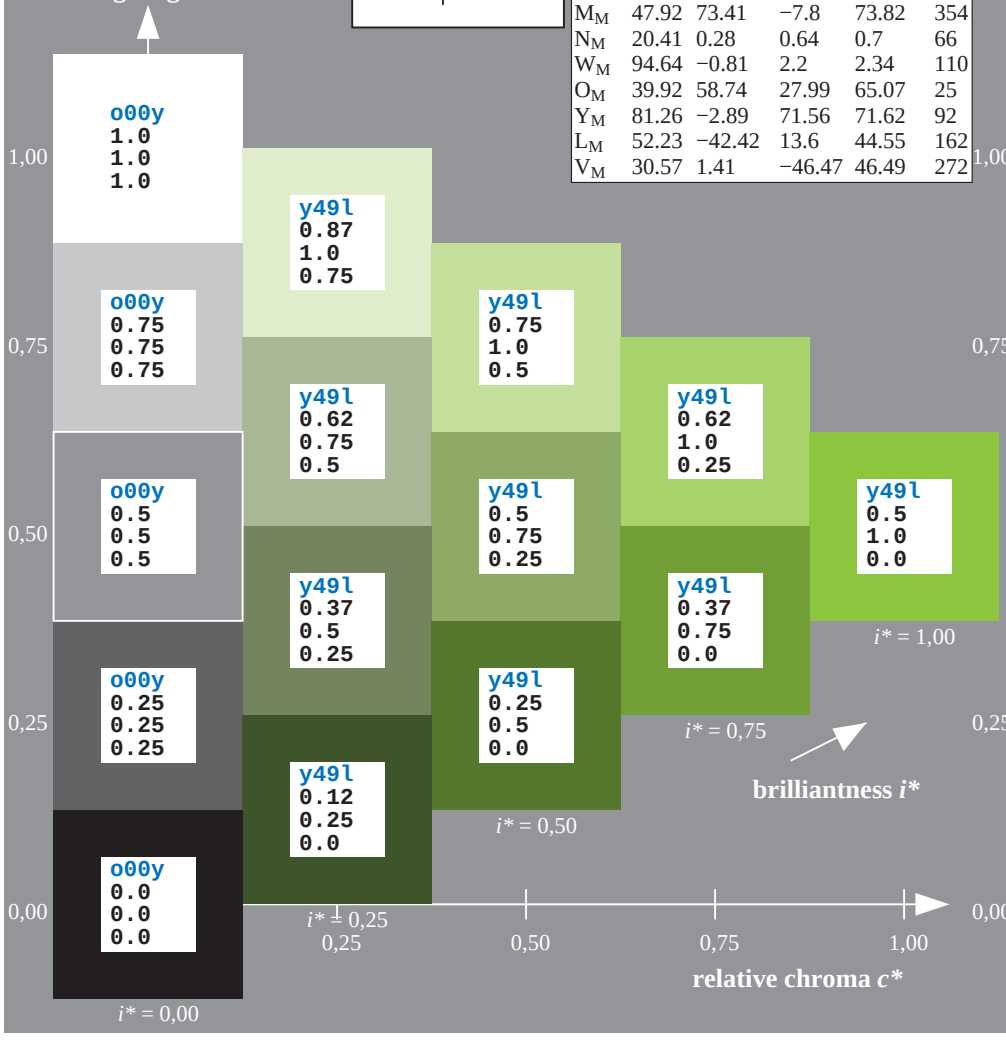
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.43	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	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

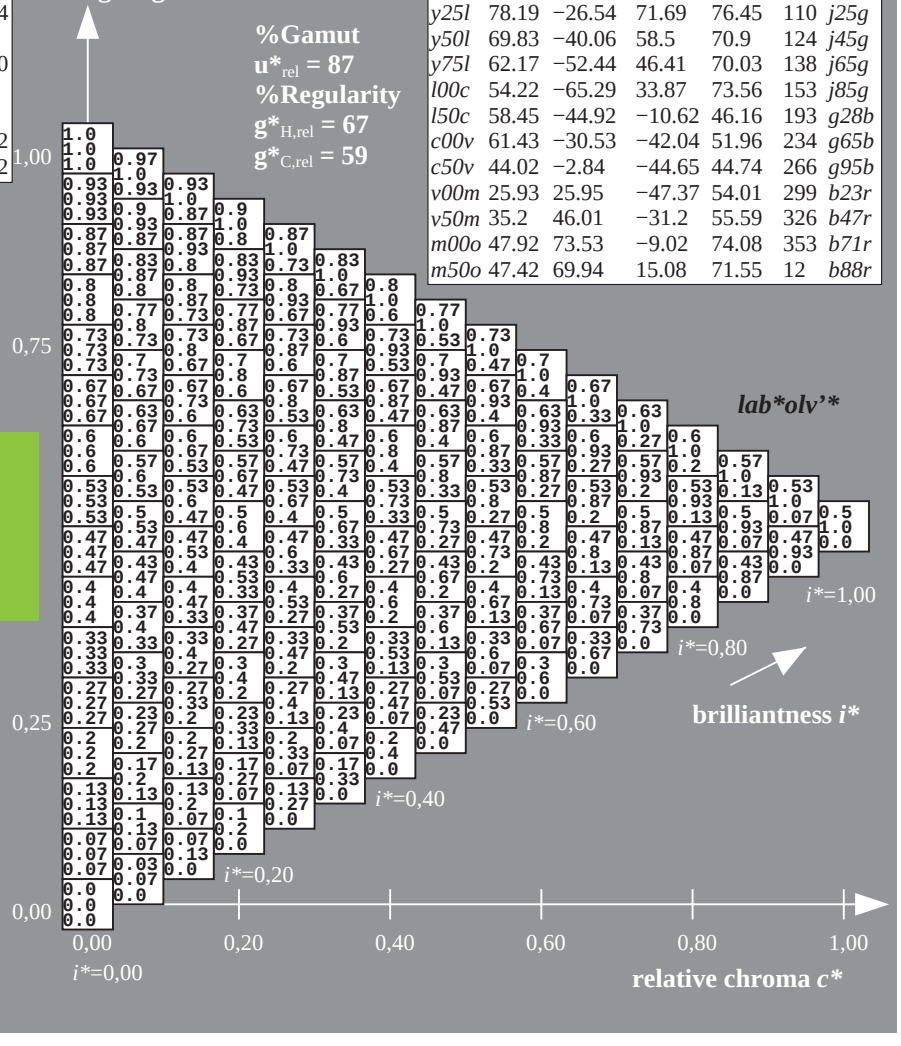
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 70 −40 58
$LAB^*LCH^*_{Ma}$: 70 71 124
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.54 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

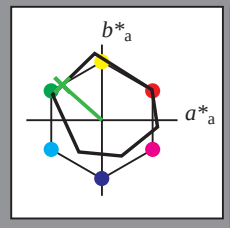
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.385**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j65g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; CIELAB data

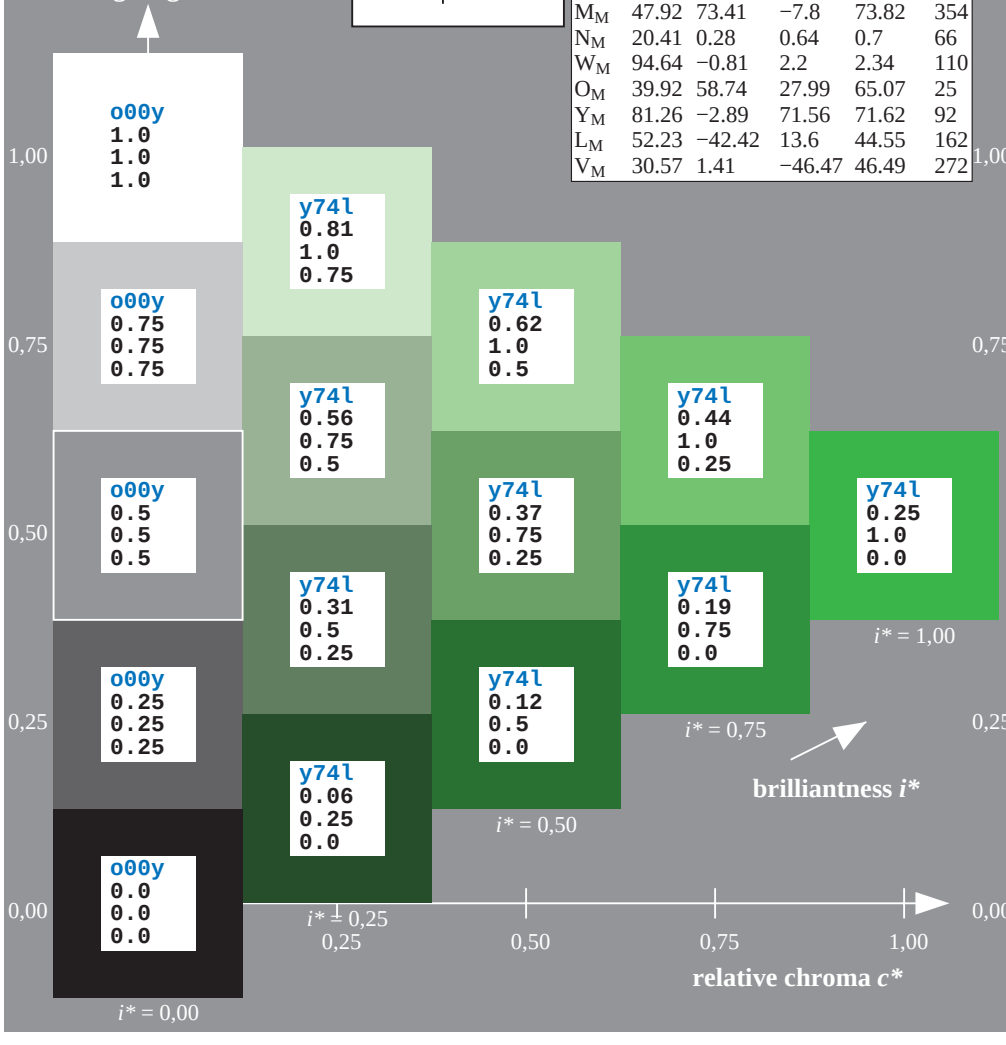
*u*d*	*L*=L**	*a**	*b**	*C*ab*	*h*ab*
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	58.74	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

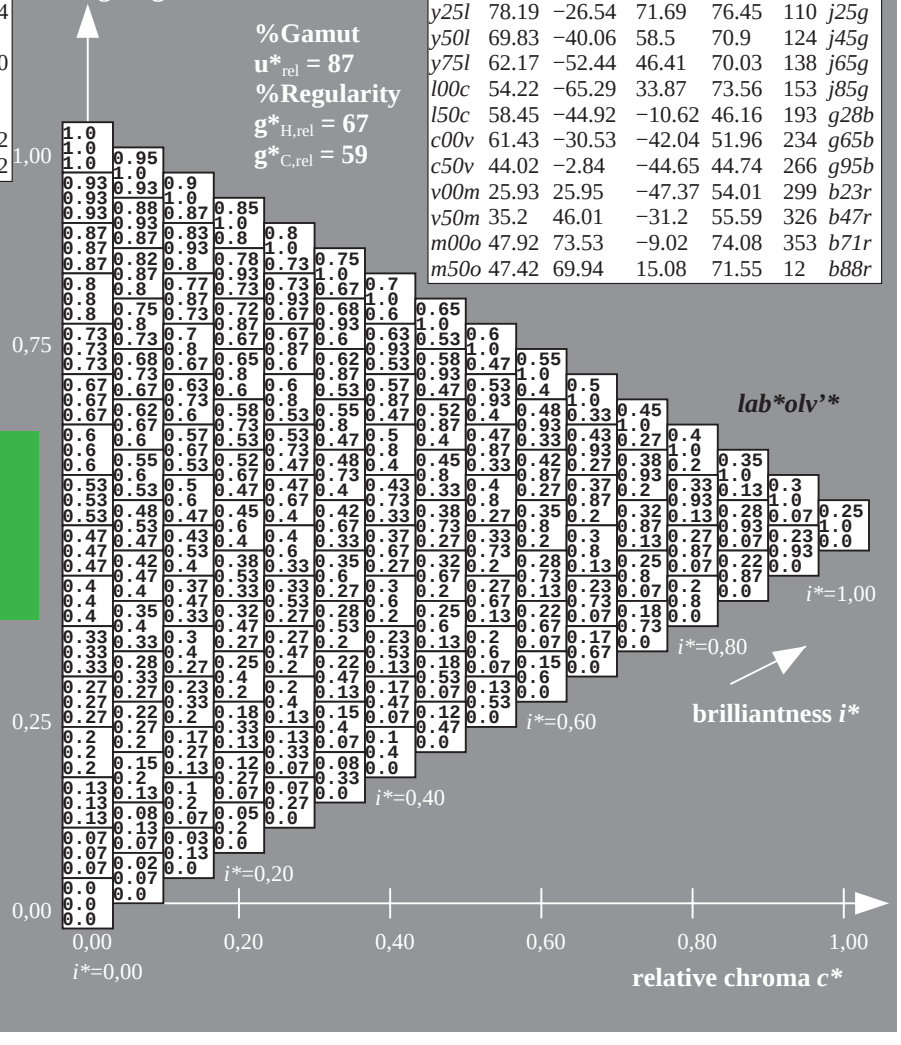
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 −52 46
*LAB*LCH**$_{Ma}$: 62 70 138
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.34 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

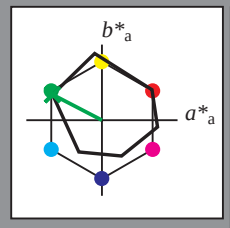
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−40.06	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.424**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j85g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; CIELAB data

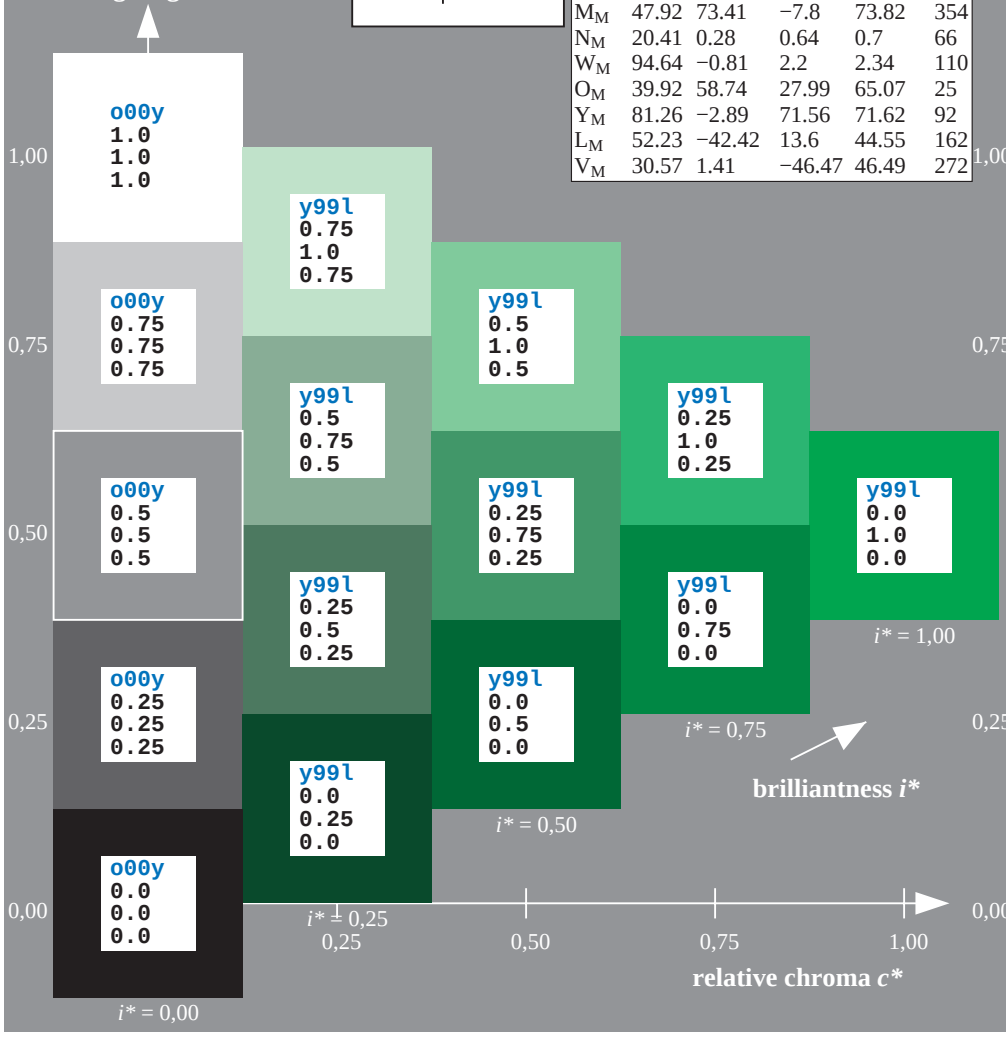
u^*_d	L*=L*	a*	b*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.43	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	58.74	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

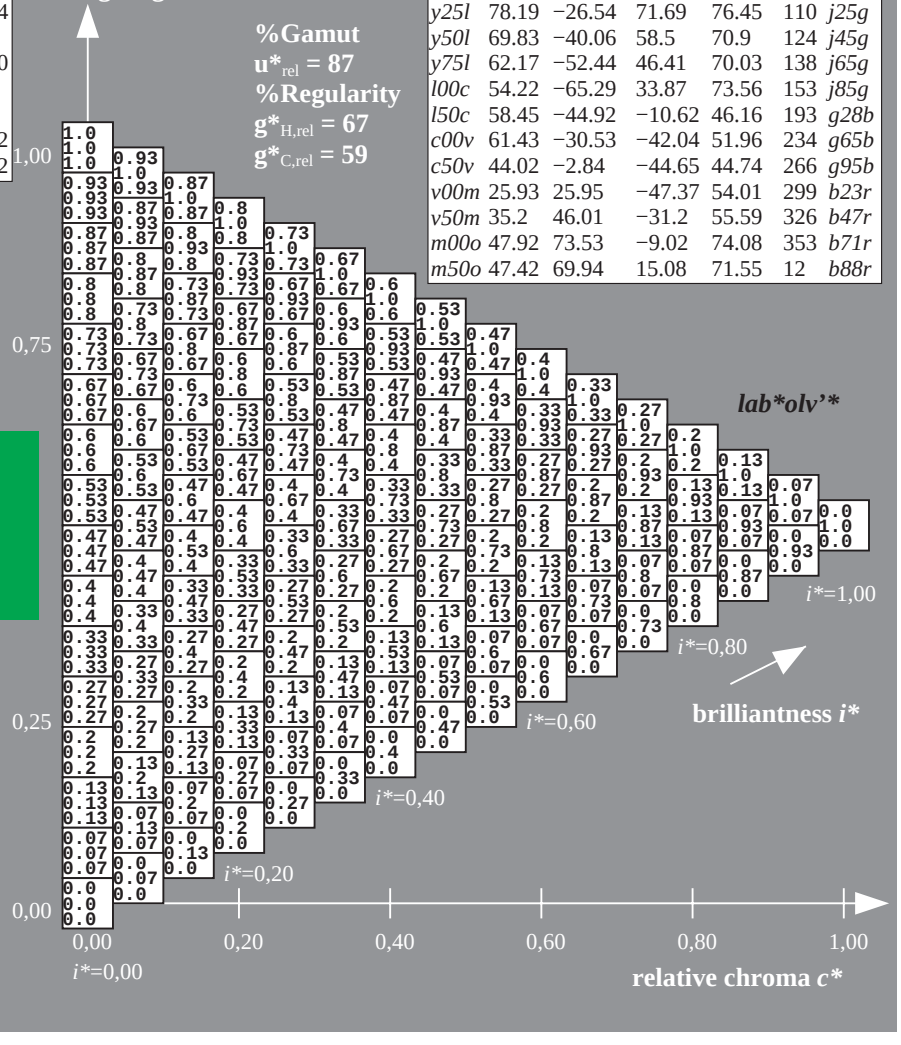
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 54 −65 34
*LAB*LCH**$_{Ma}$: 54 74 152
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.14 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

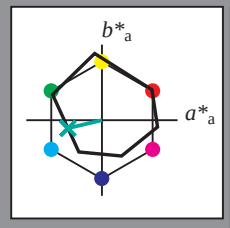
u^*_d	L*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	69.83	−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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.537**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
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	41.84	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

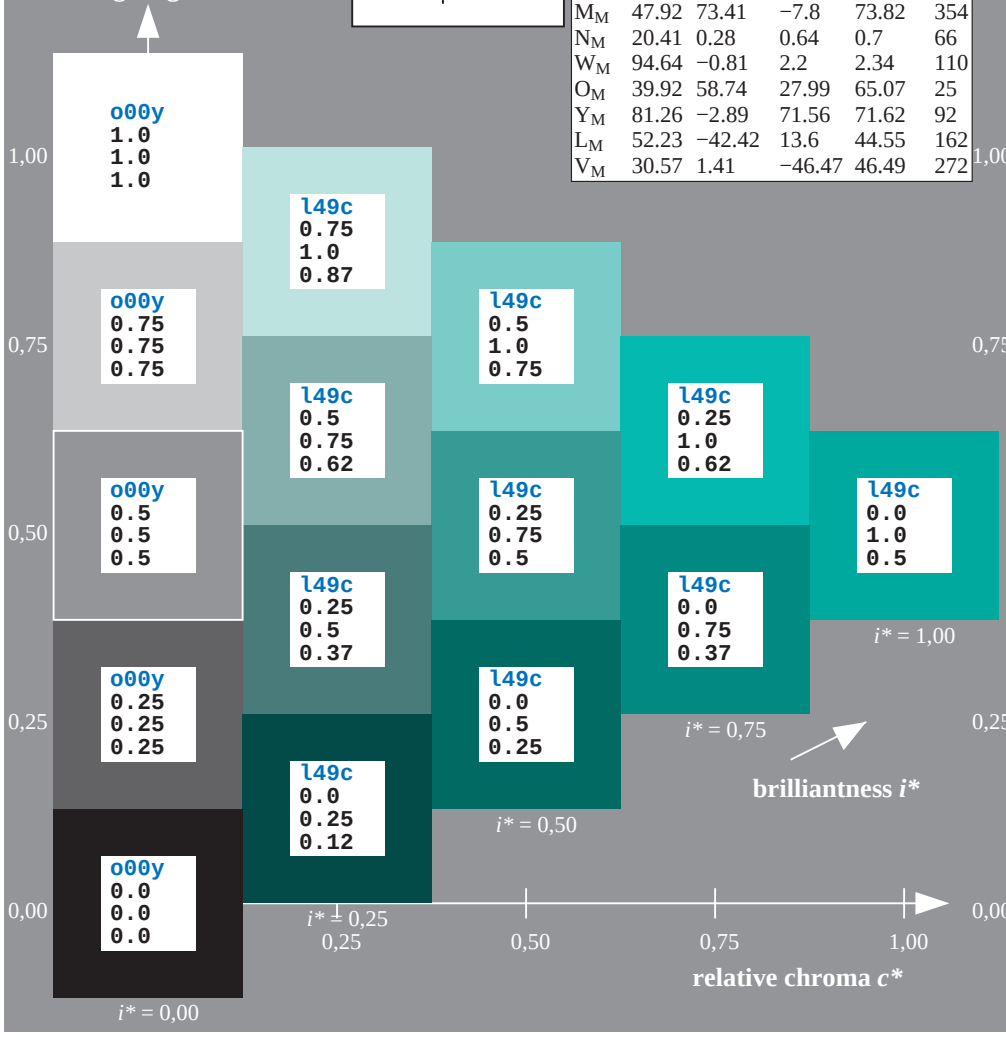
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 58 −45 −11
*LAB*LCH**$_{Ma}$: 58 46 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

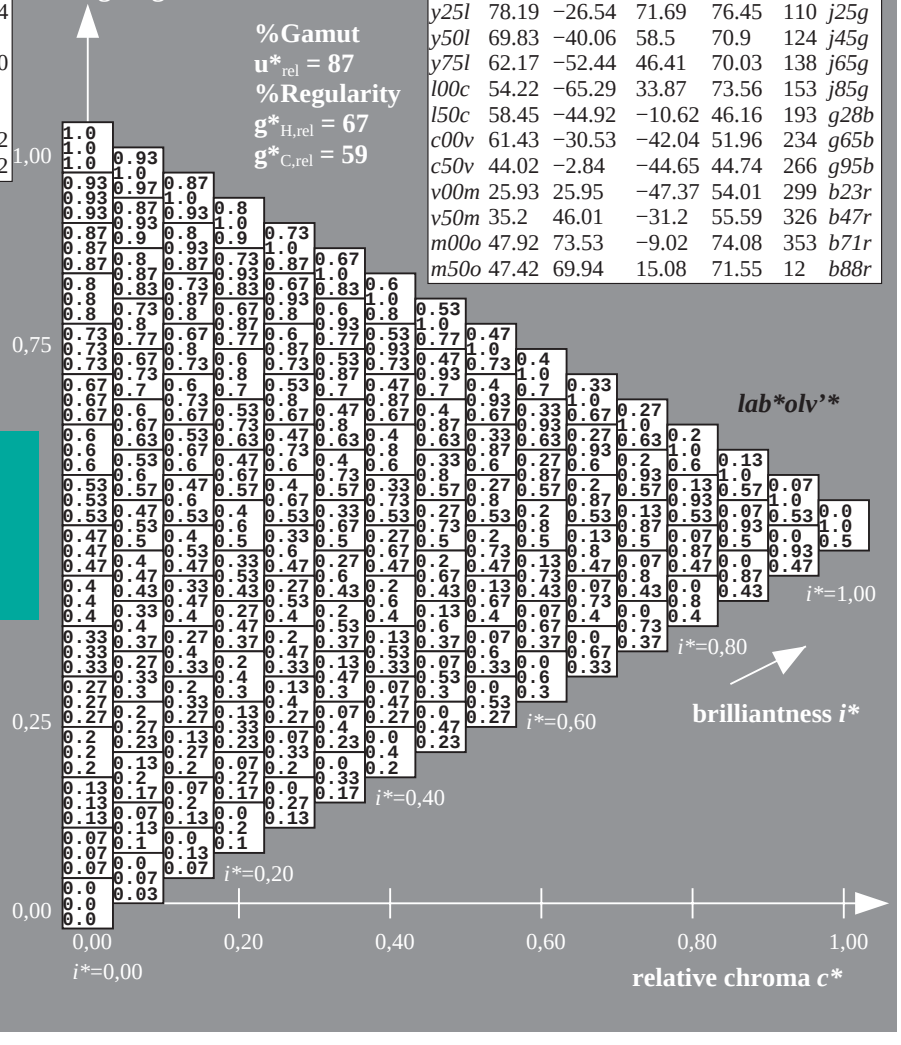
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *l50c*
*lab*olv'**

ORS20_95a; adapted (a) CIELAB data

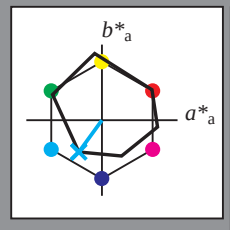
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.65$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g65b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



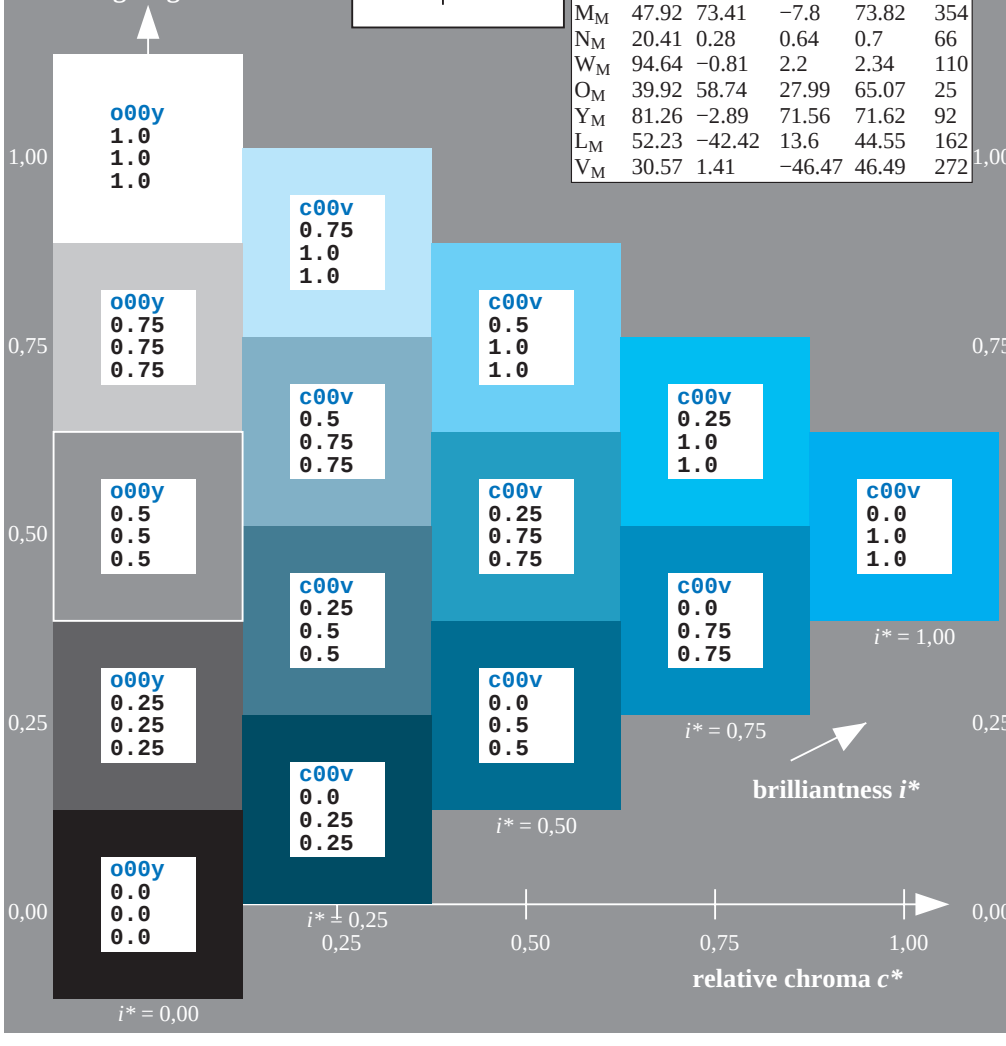
ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.84	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

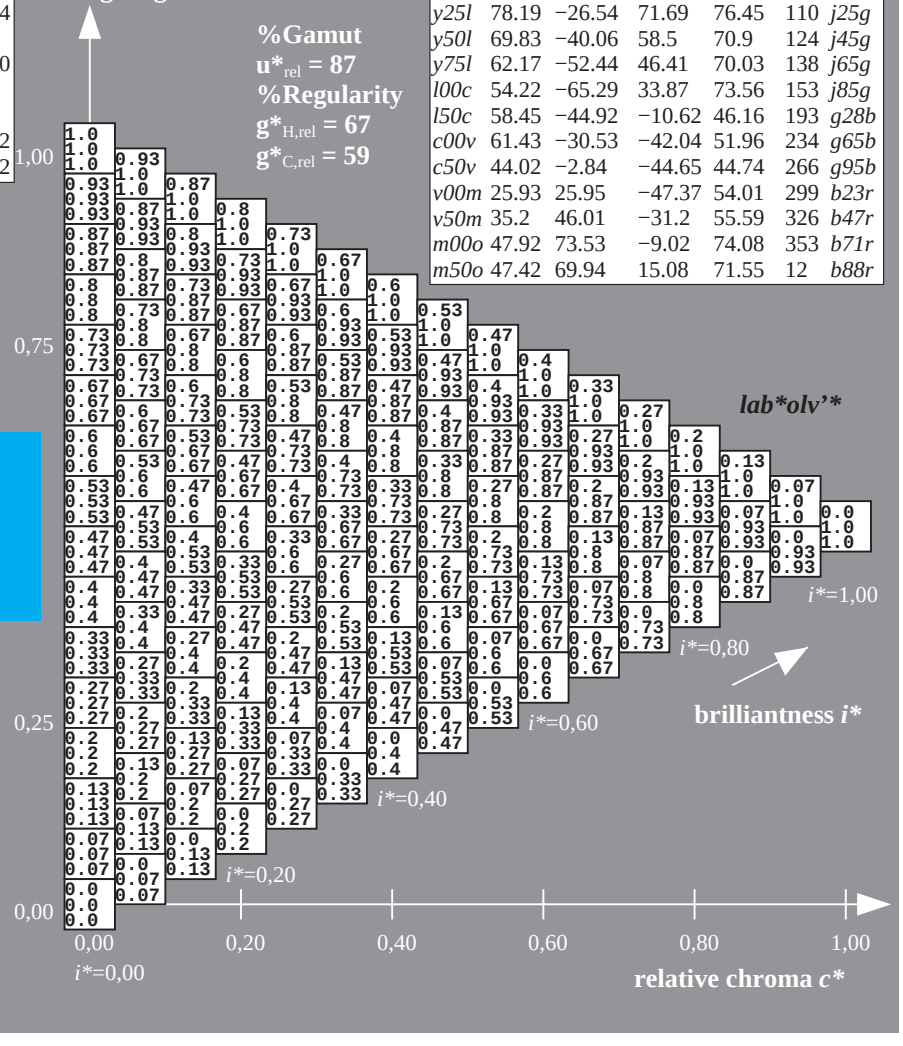
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −31 −42
$LAB^*LCH^*_{Ma}$: 61 52 234
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.69 1.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

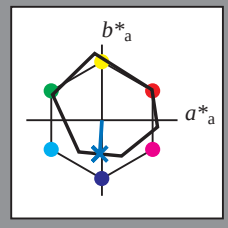


%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.74$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g95b*
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	41.84	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

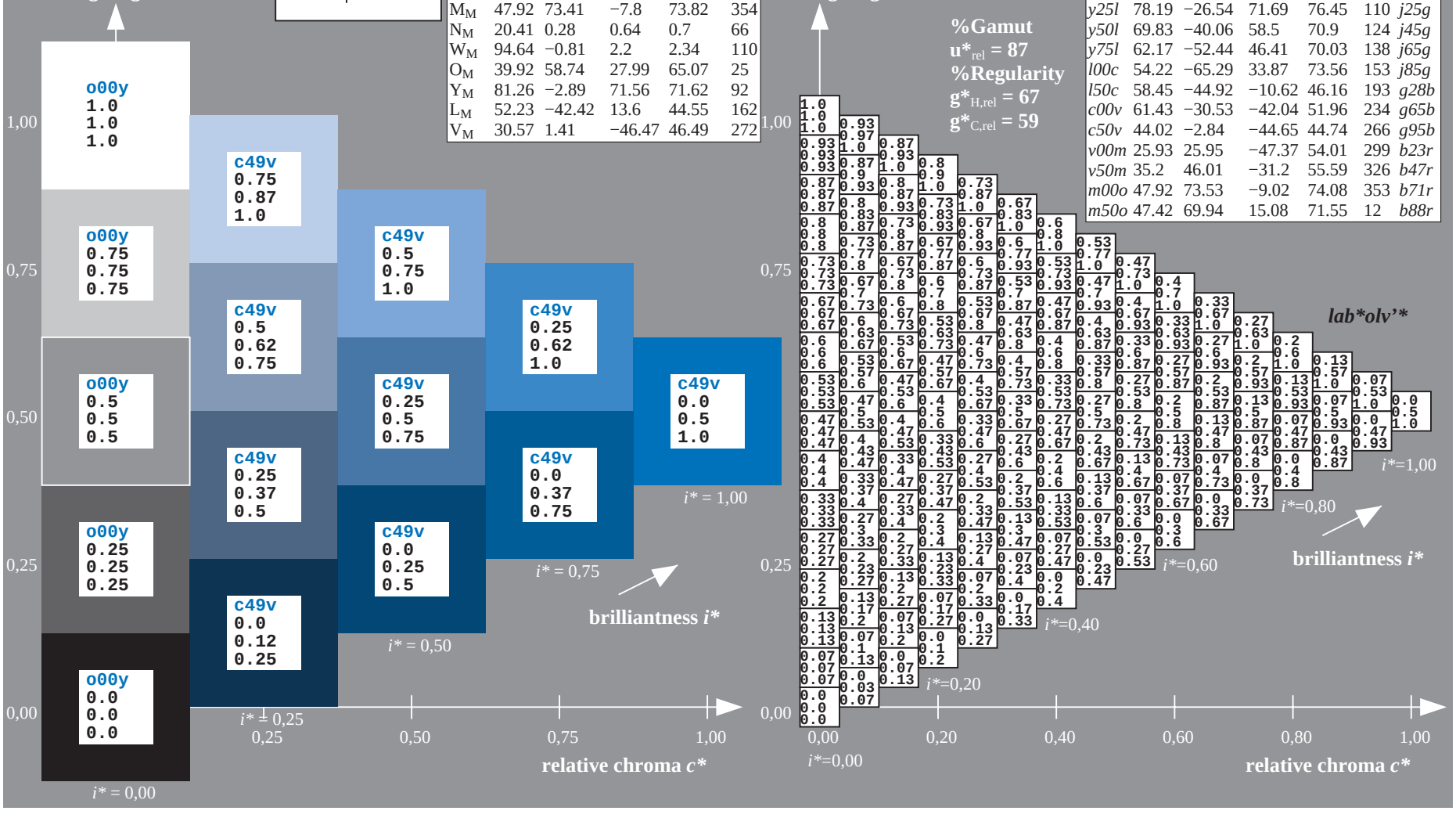
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 44 −3 −45
$LAB^*LCH^*_{Ma}$: 44 45 266
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.1 1.0
triangle lightness *t**

ORS20_95a; adapted (a) CIELAB data

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

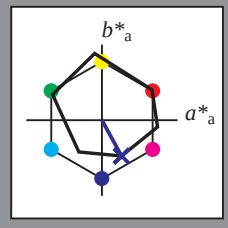
u^*_d = *c50v*
*lab*olv'**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59



Input and output: Colorimetric Printer Reflective System ORS20_95a 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	41.43	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

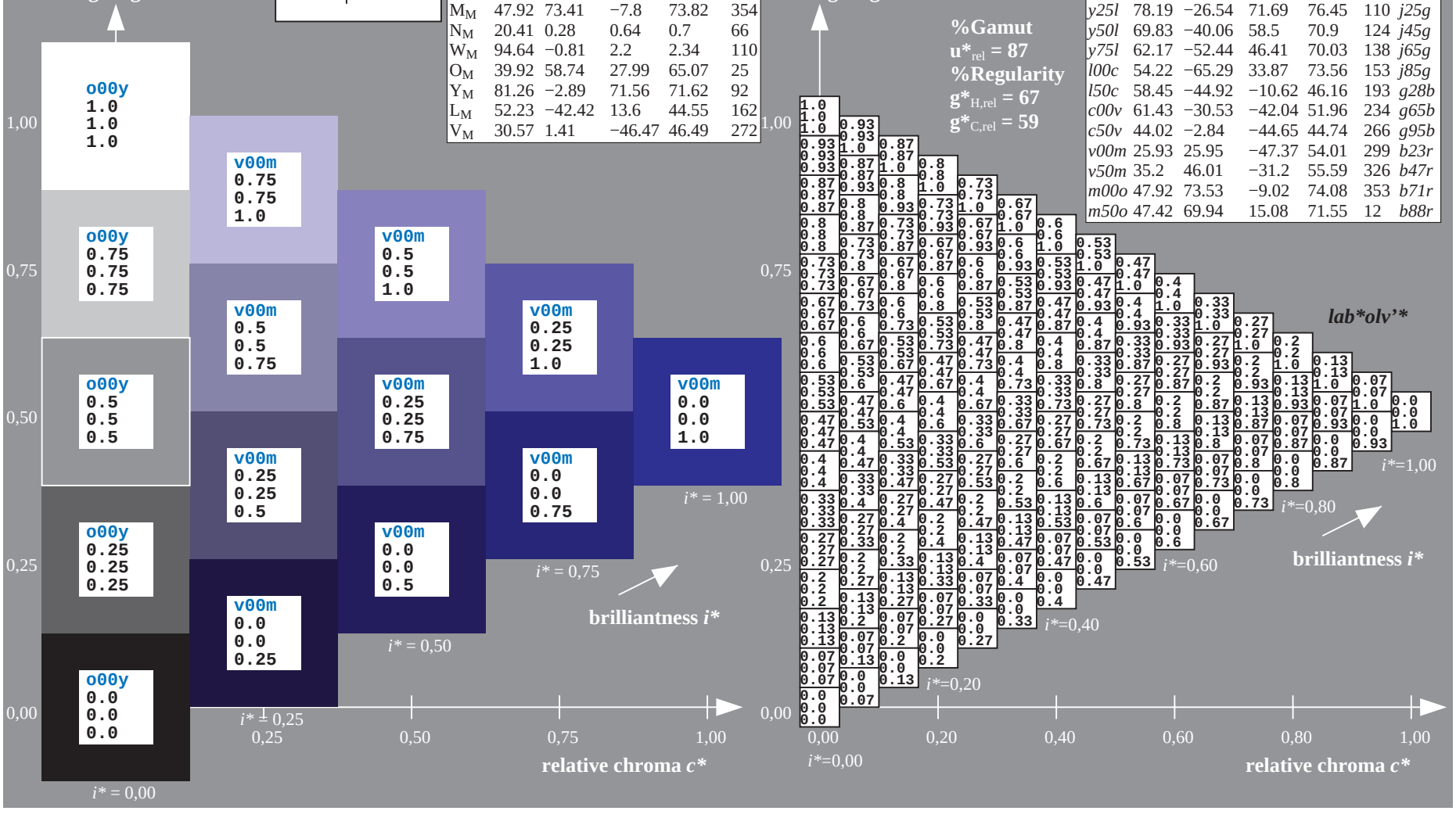
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 26 26 −47
*LAB*LCH**$_{Ma}$: 26 54 298
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.47 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

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

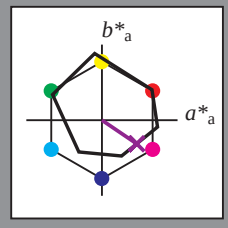
ORS20_95a; adapted (a) CIELAB data

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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.905$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95a; CIELAB data

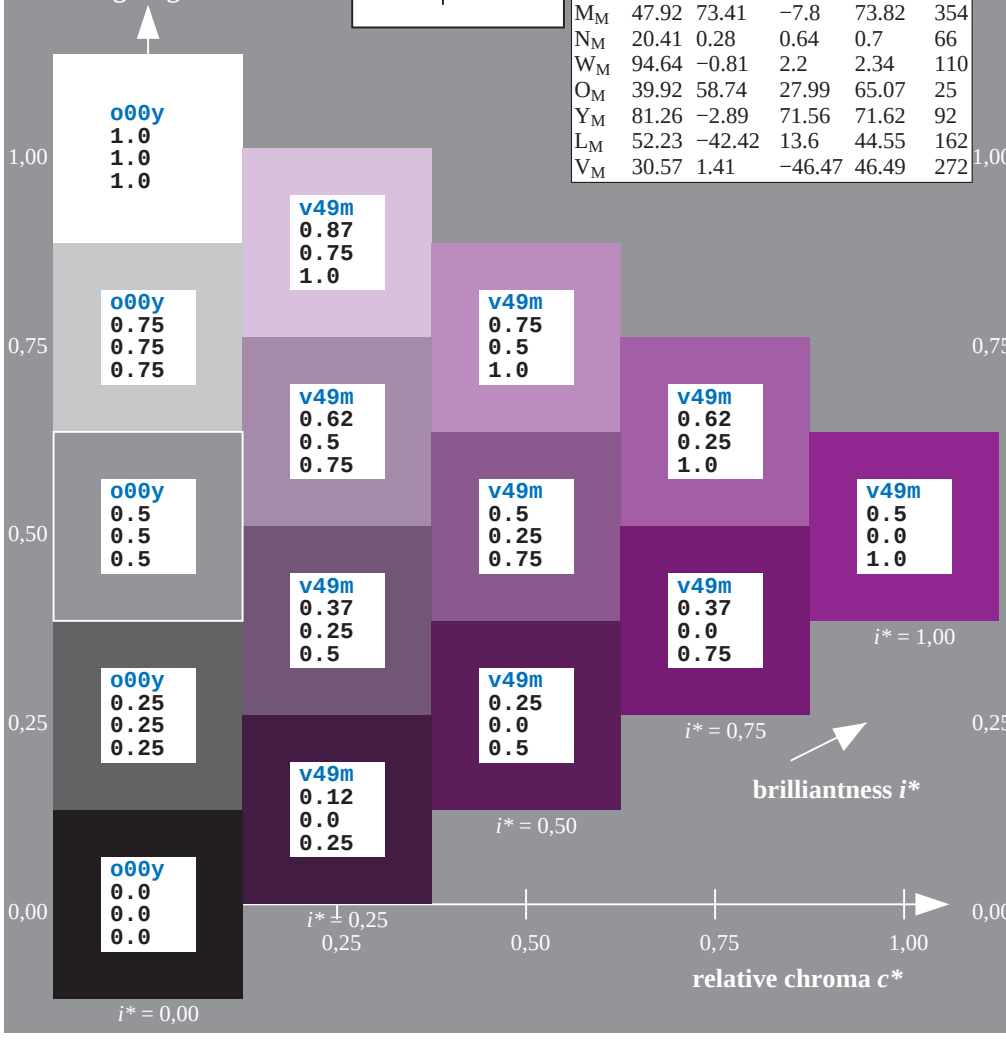
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.84	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	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

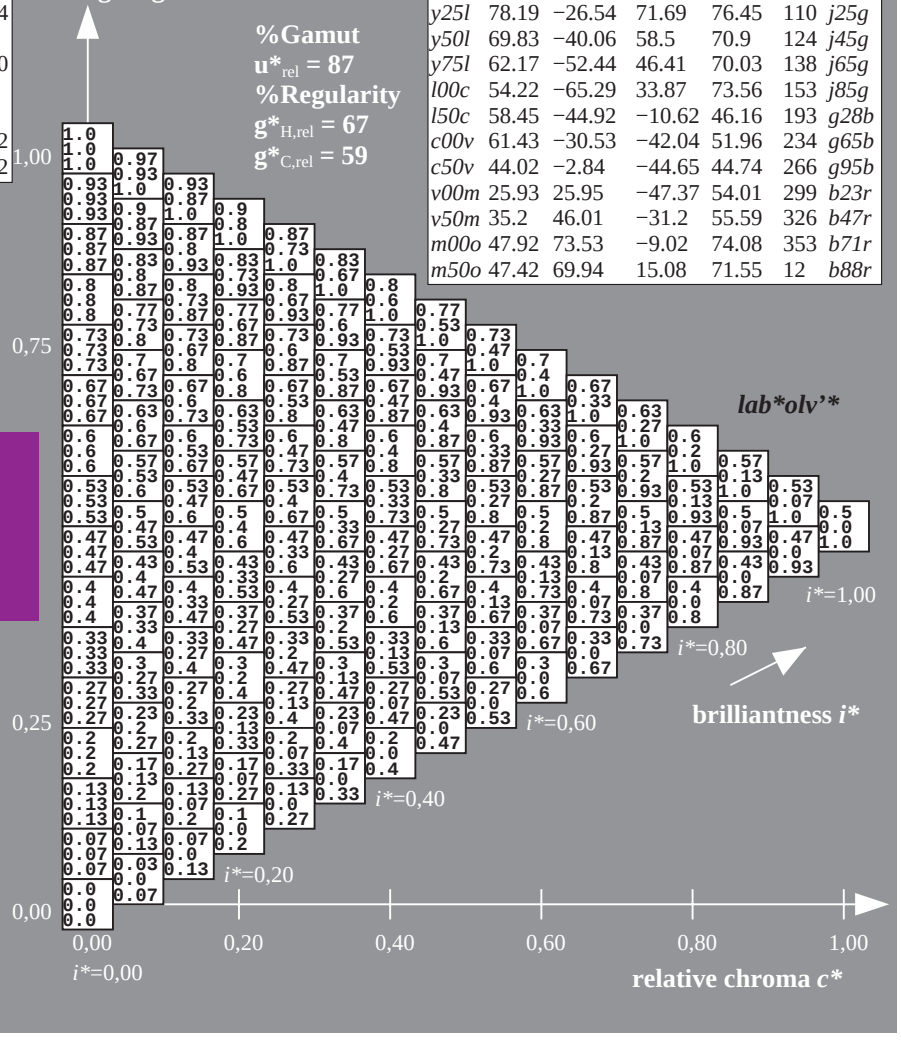
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 46 −31
$LAB^*LCH^*_{Ma}$: 35 56 325
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.95 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

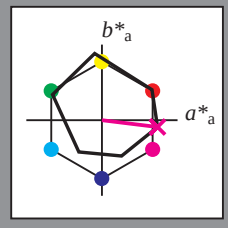
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.981$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m00o$ $u^*_e = b71r$
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	41.43	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

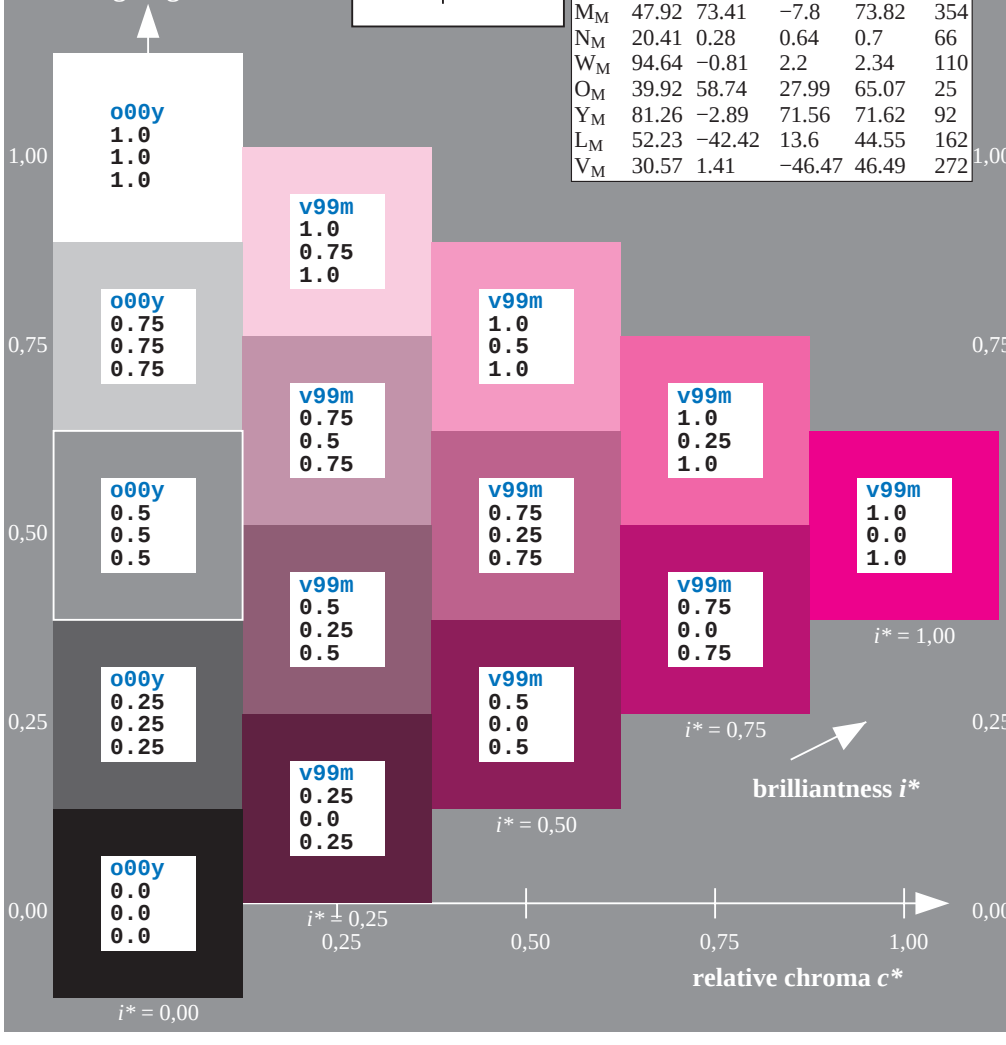
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 74 −9
$LAB^*LCH^*_{Ma}$: 48 74 353
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.57
triangle lightness *t**

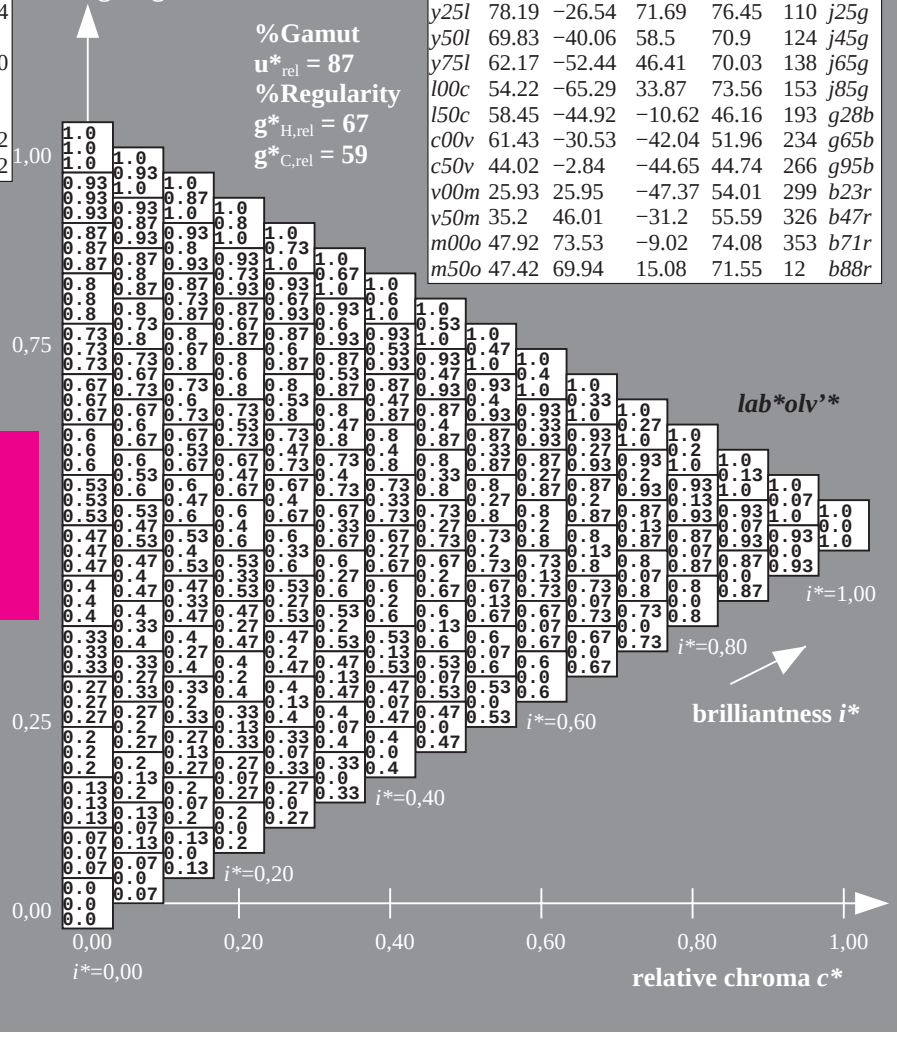
%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$

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

ORS20_95a; adapted (a) CIELAB data

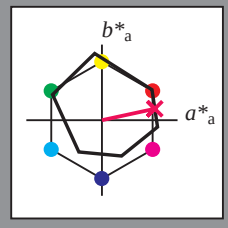
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.034**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



ORS20_95a; CIELAB data

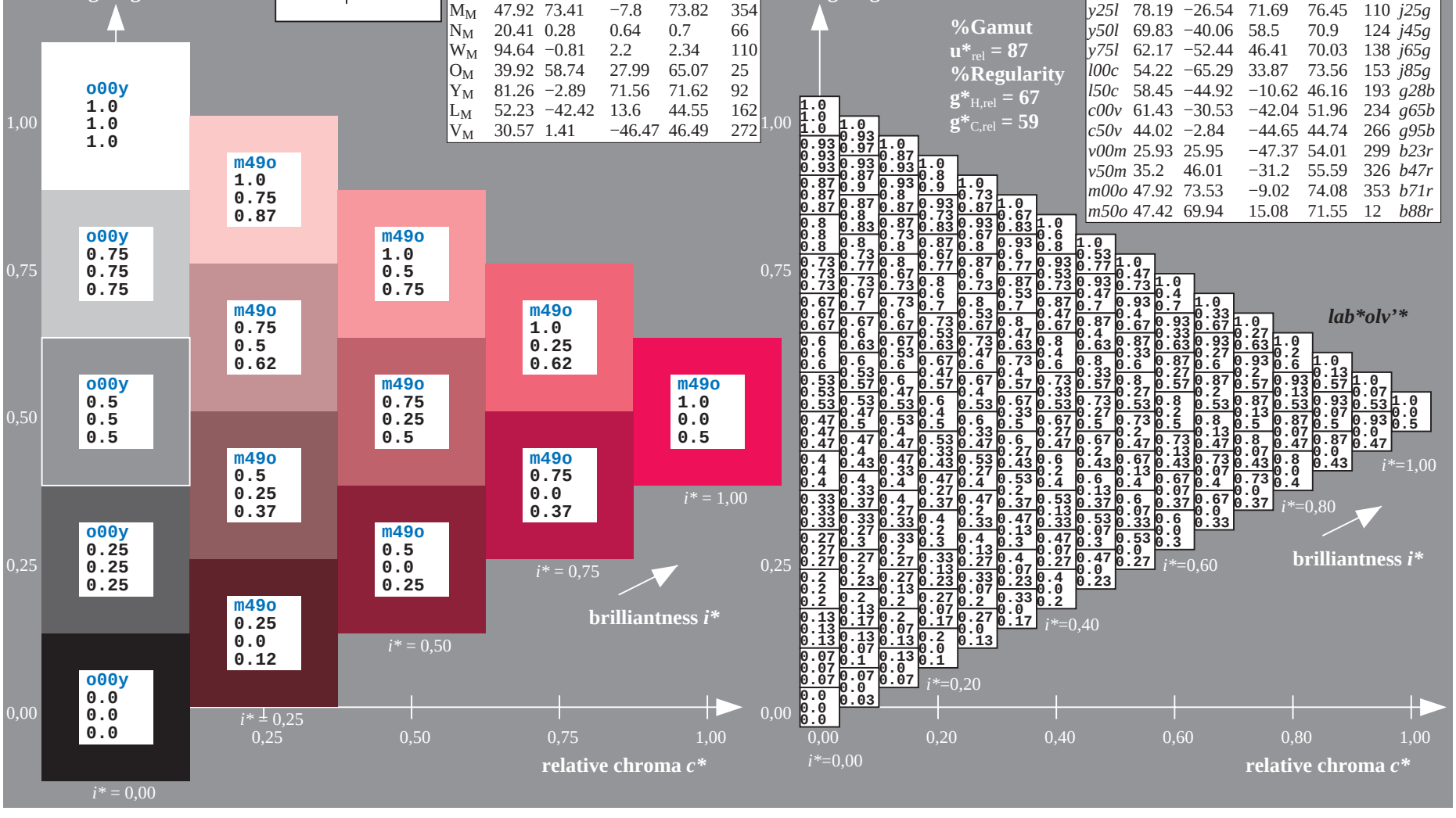
u^*_d	L*=L*	a*	b*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_M	39.92	58.74	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

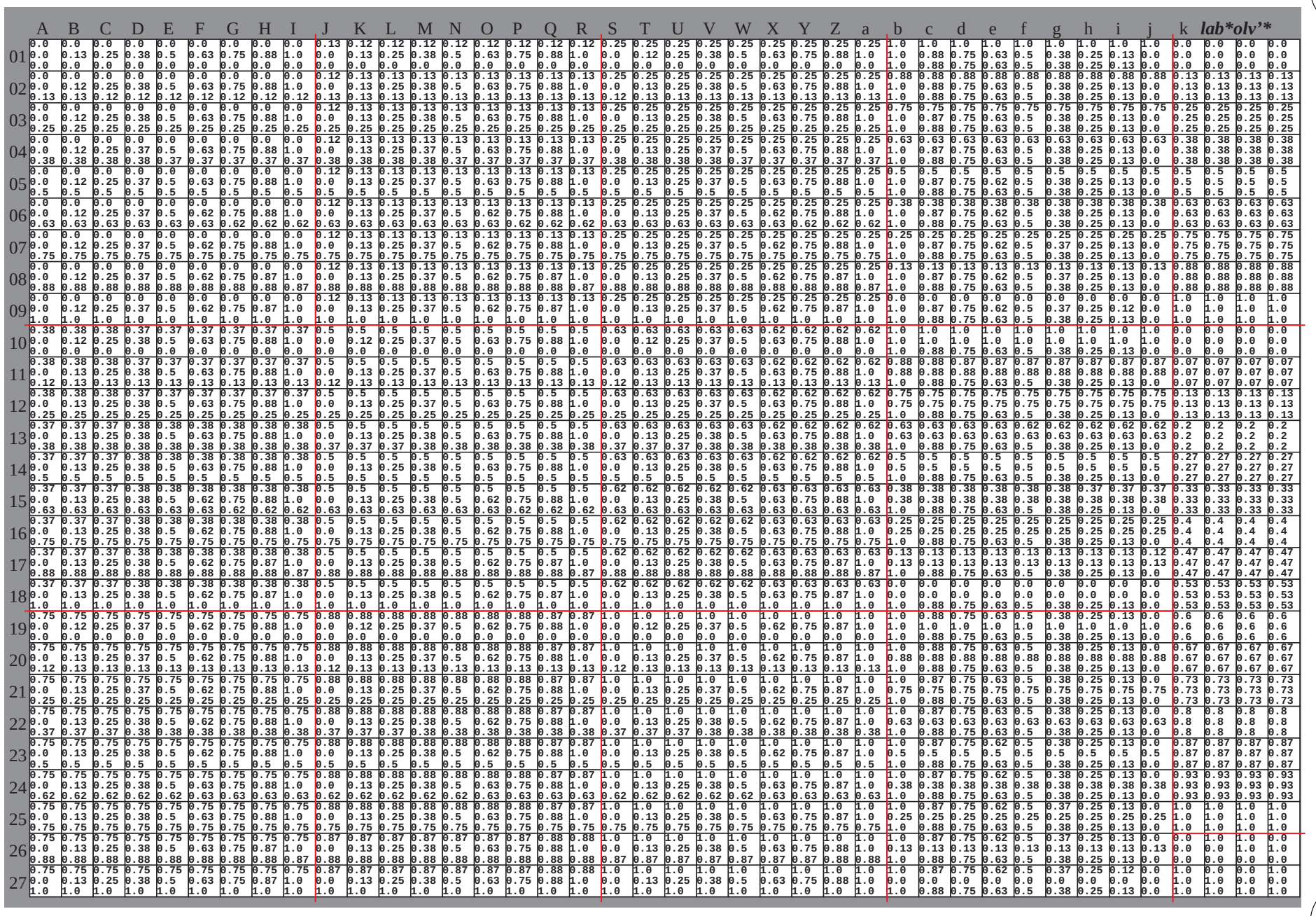
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 47 70 15
*LAB*LCH**$_{Ma}$: 47 72 12
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.23
triangle lightness *t**

%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*

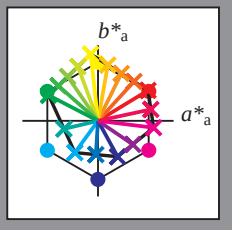




Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

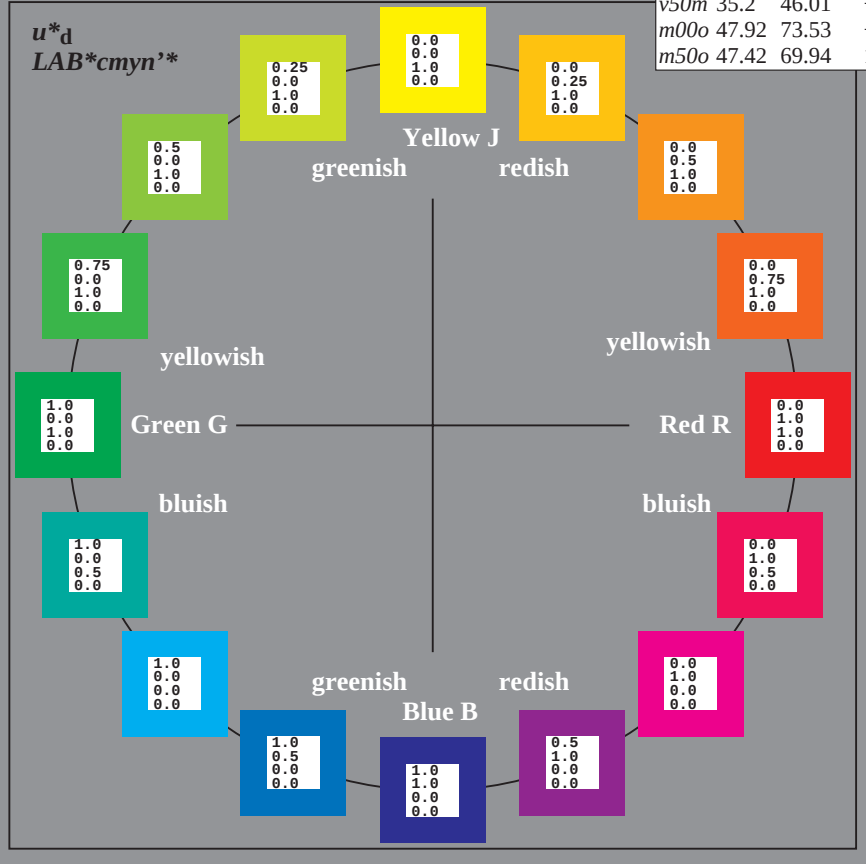
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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*

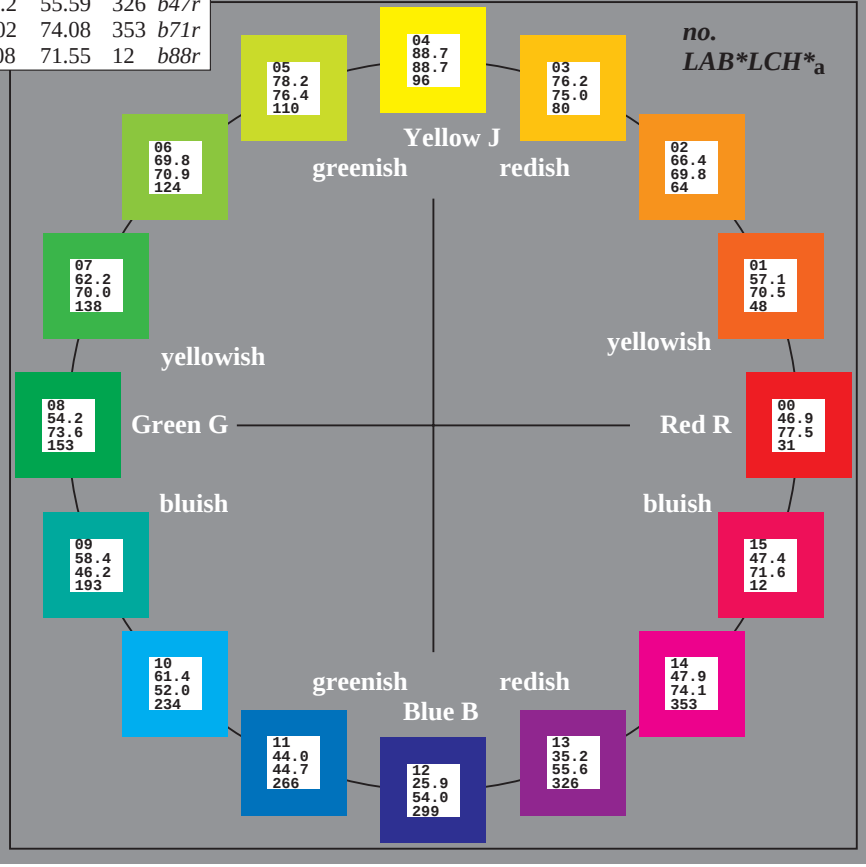


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; CIELAB data

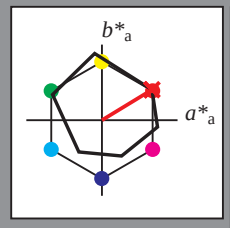
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.48	78.02	32
Y_M	88.66	−10.34	90.28	90.87	97
L_M	54.22	−65.51	35.22	74.38	152
C_M	61.43	−30.85	−40.54	50.94	233
V_M	25.93	26.15	−46.61	53.44	299
M_M	47.92	73.41	−7.8	73.82	354
N_M	20.41	0.28	0.64	0.7	66
W_M	94.64	−0.81	2.2	2.34	110
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r09j*
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	41.43	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

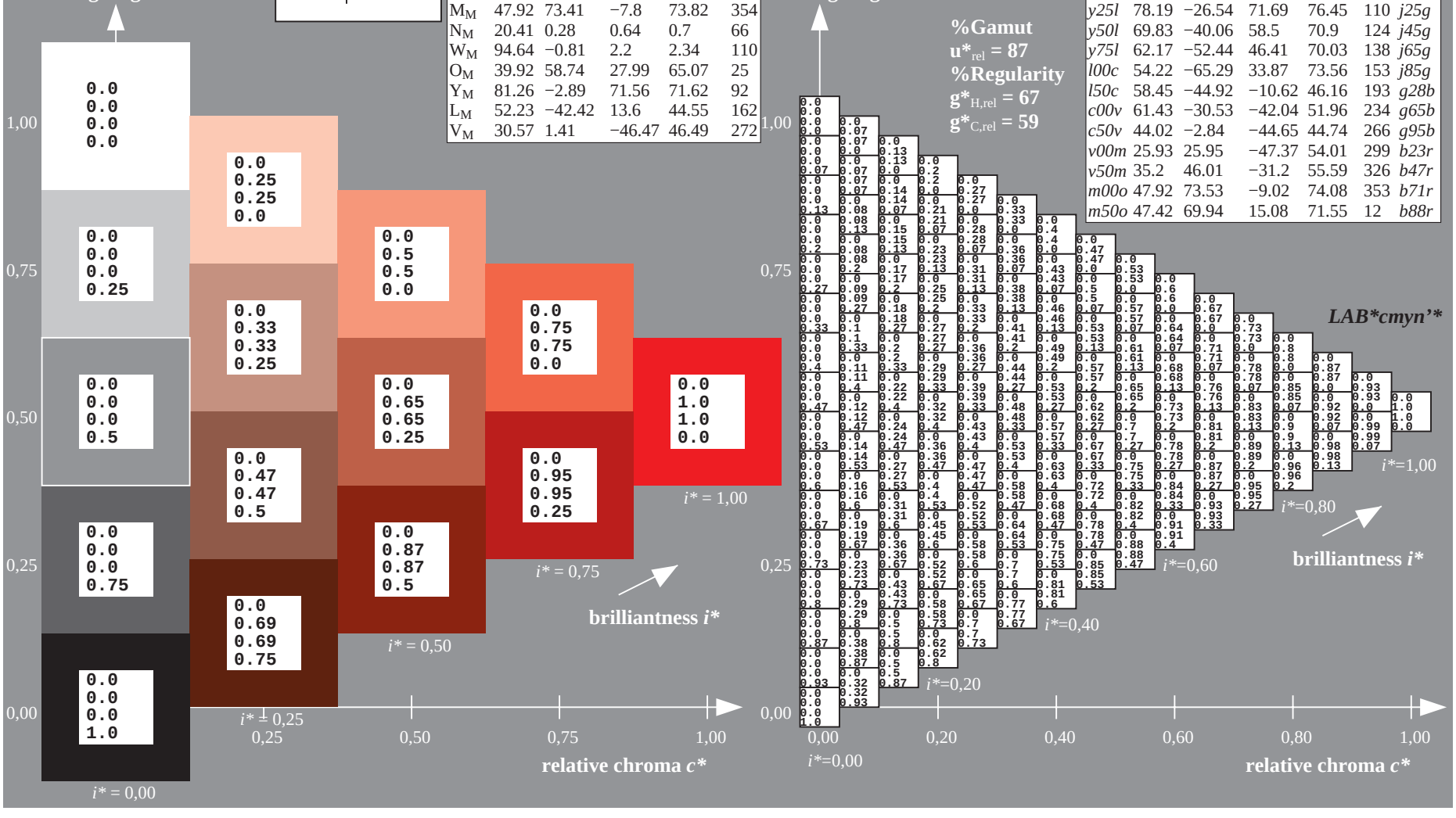
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 47 66 40
$LAB^*LCH^*_{Ma}$: 47 77 31
$lab^*olv^*_{Ma}$: 1.0 0.0 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *o00y*
LAB*cmyn'*

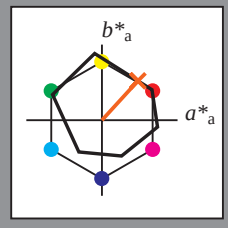
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.132**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
c_R = 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	41.84	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

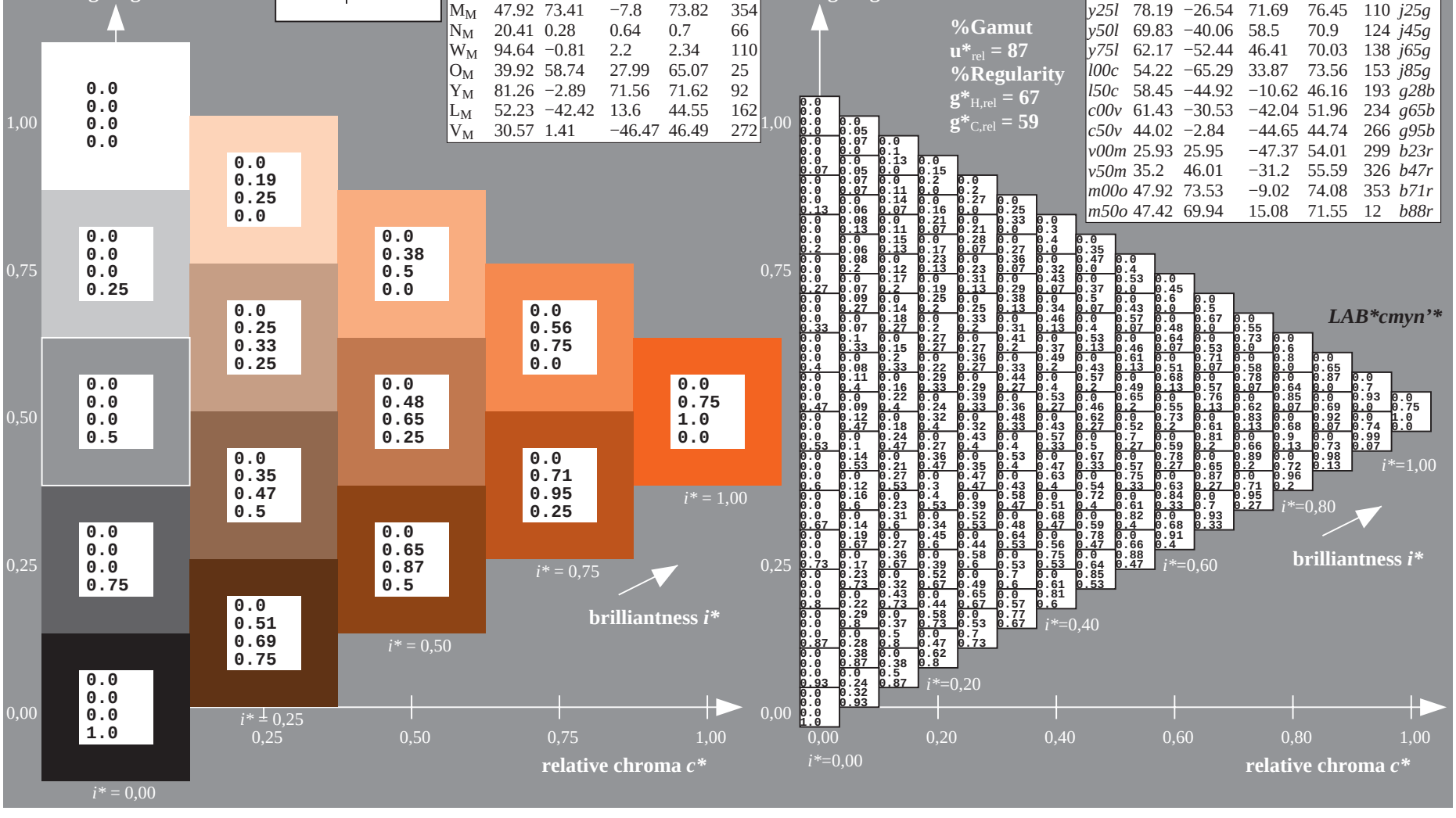
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 57 48 52**
LAB*LCH*$_{Ma}$**: 57 71 47**
lab*olv*$_{Ma}$**: 1.0 0.25 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.33 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *o25y*
LAB*cmyn'*

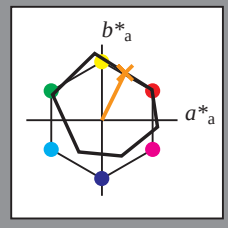
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.177**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
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

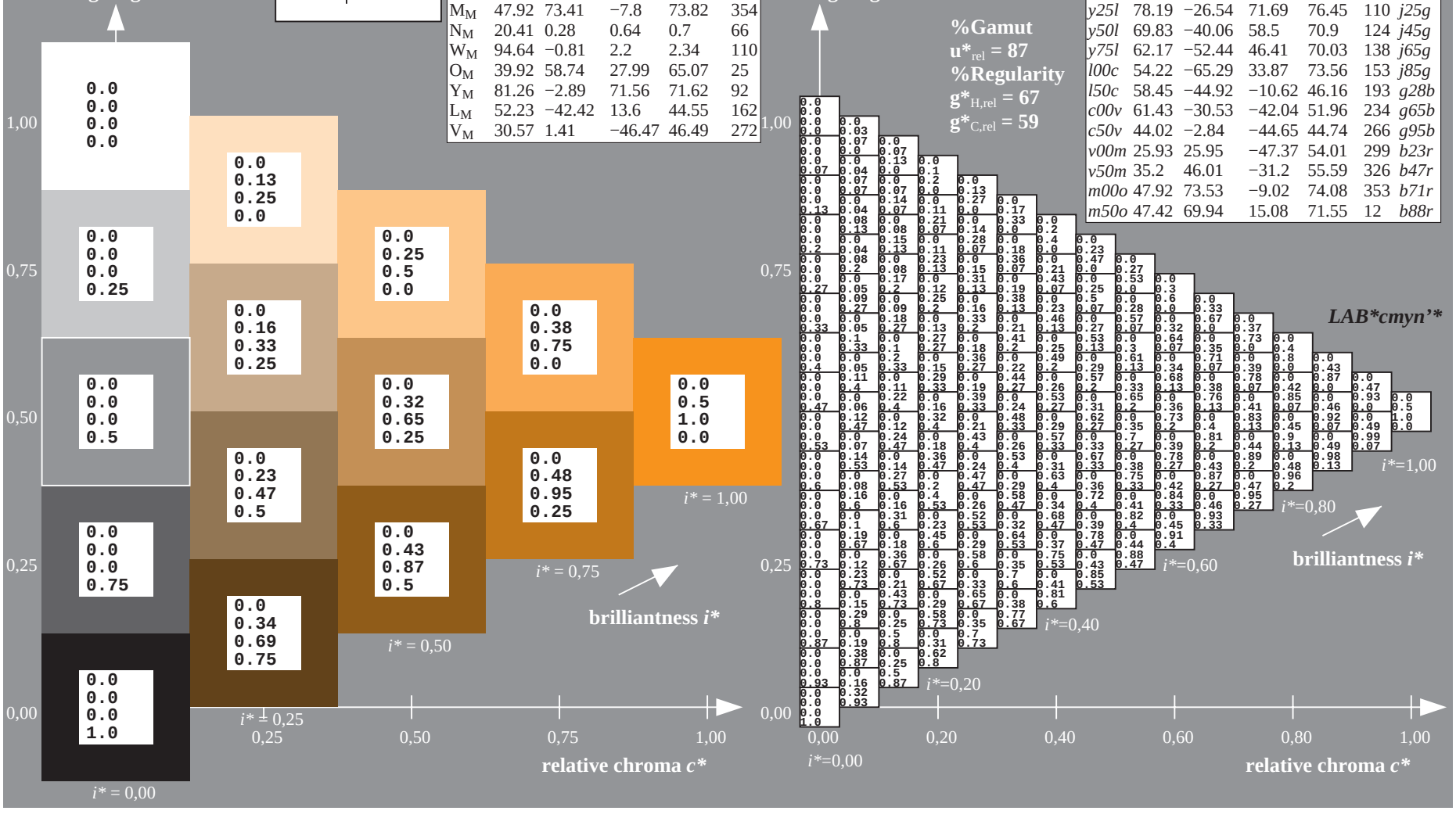
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 66 31 63**
LAB*LCH*$_{Ma}$**: 66 70 63**
lab*olv*$_{Ma}$**: 1.0 0.5 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.57 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *o50y*
LAB*cmyn'*

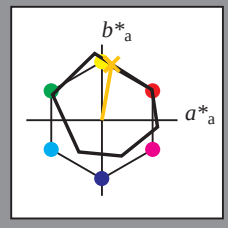
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.222**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
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	41.84	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

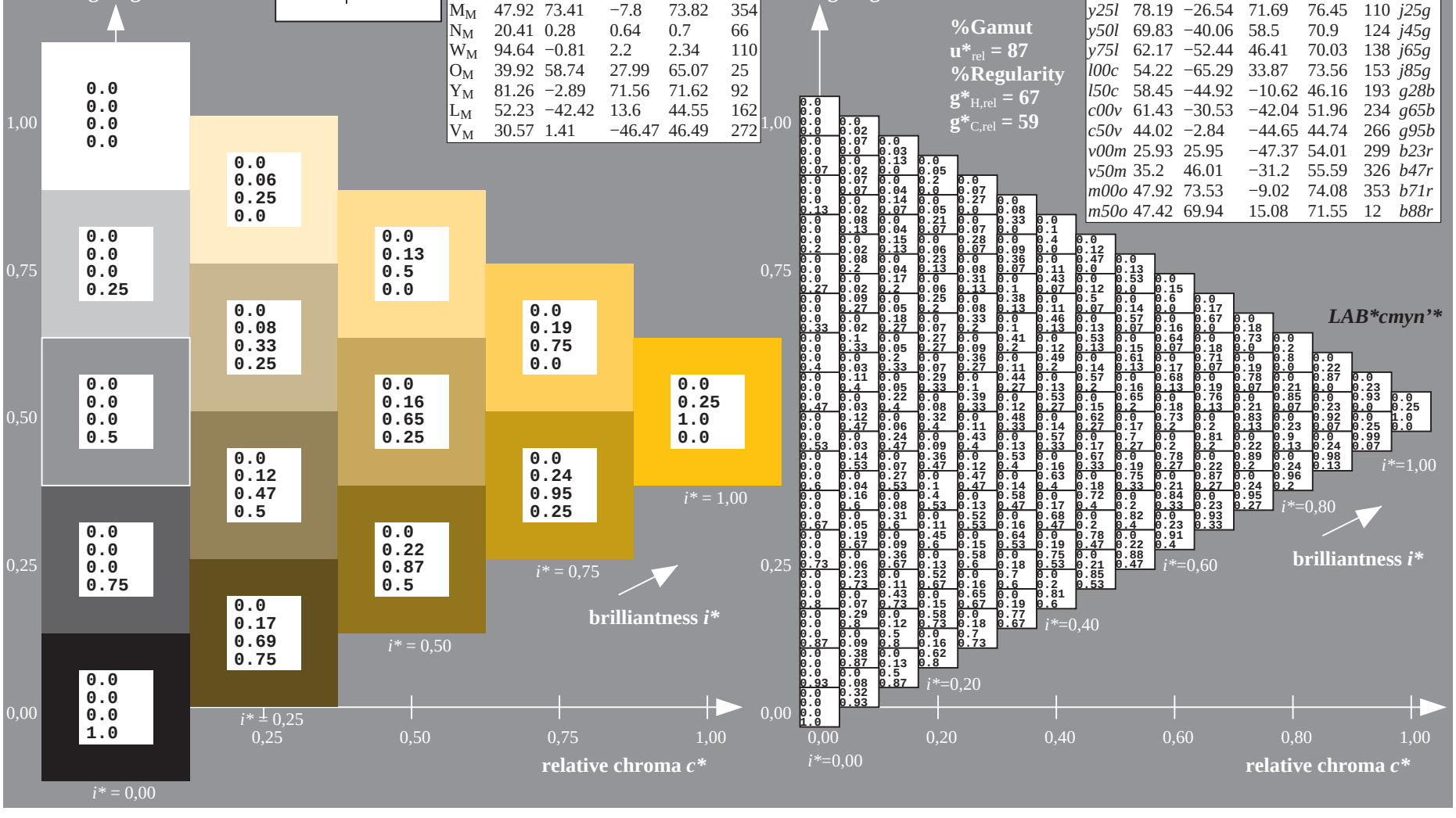
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 76 13 74
*LAB*LCH**$_{Ma}$: 76 75 79
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *o75y*
LAB*cmyn'*

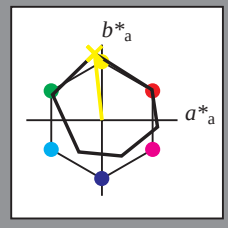
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.267**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
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	41.84	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

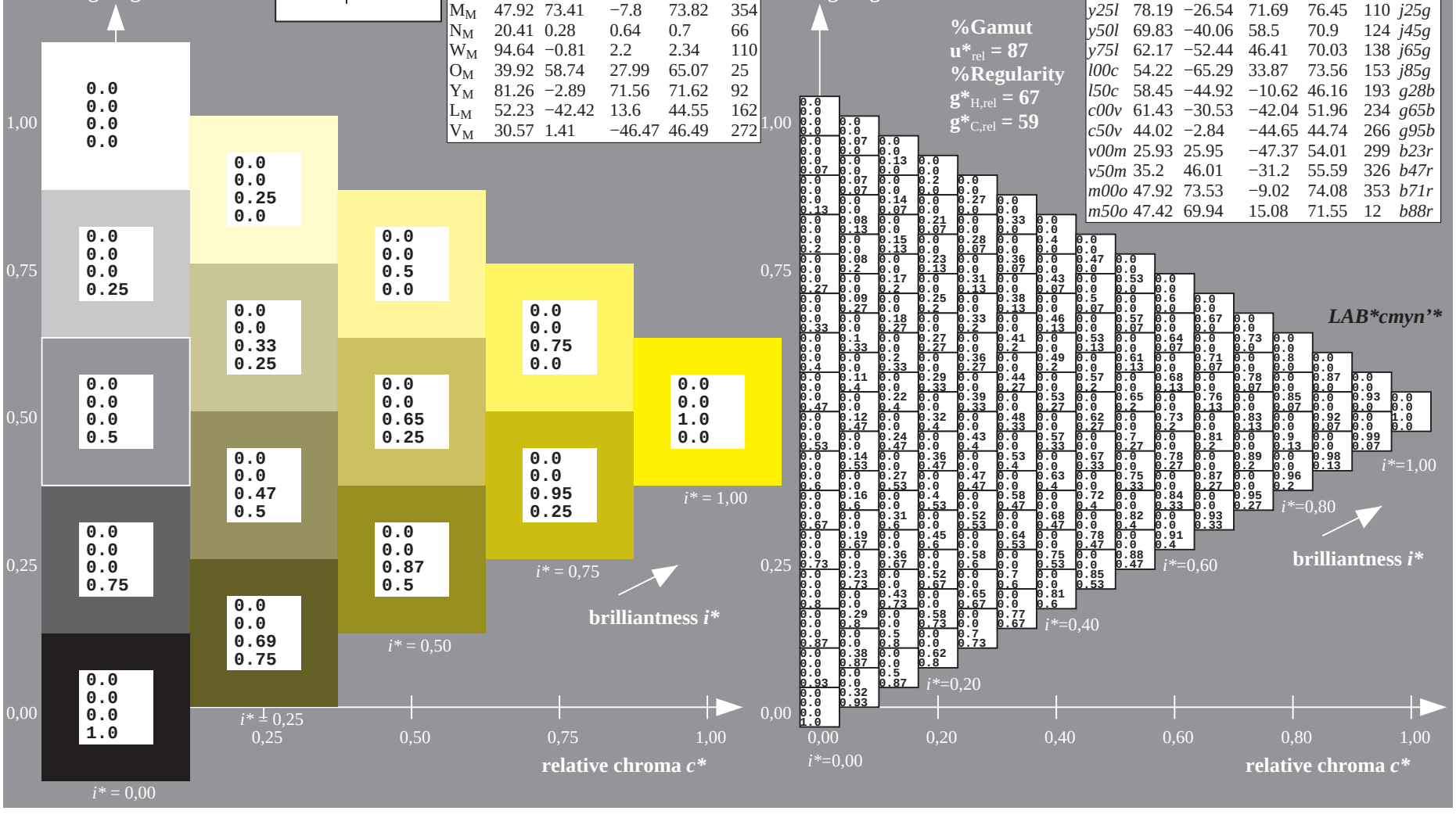
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 89 −10 88**
LAB*LCH*$_{Ma}$**: 89 89 96**
lab*olv*$_{Ma}$**: 1.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.94 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u*d = y00l
LAB*cmyn'*

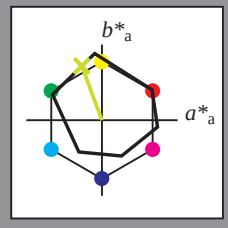
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.306$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j25g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS20_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	46.89	66.08	41.84	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

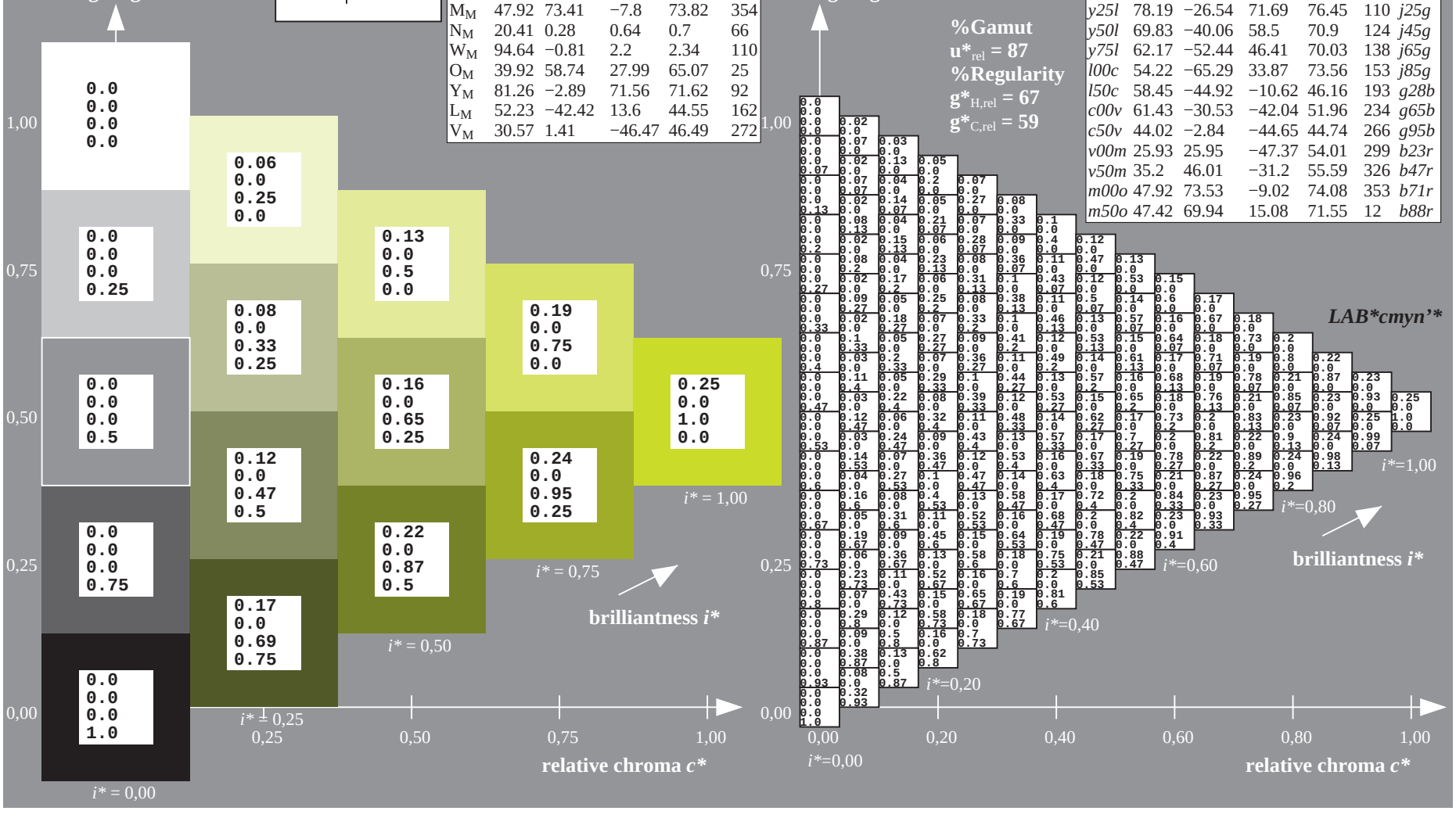
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 78 −27 72
$LAB^*LCH^*_{Ma}$: 78 76 110
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.74 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$

$u^*_d = y25l$
$LAB^*cmyn'^*$

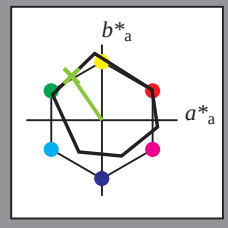
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.346$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j45g$
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

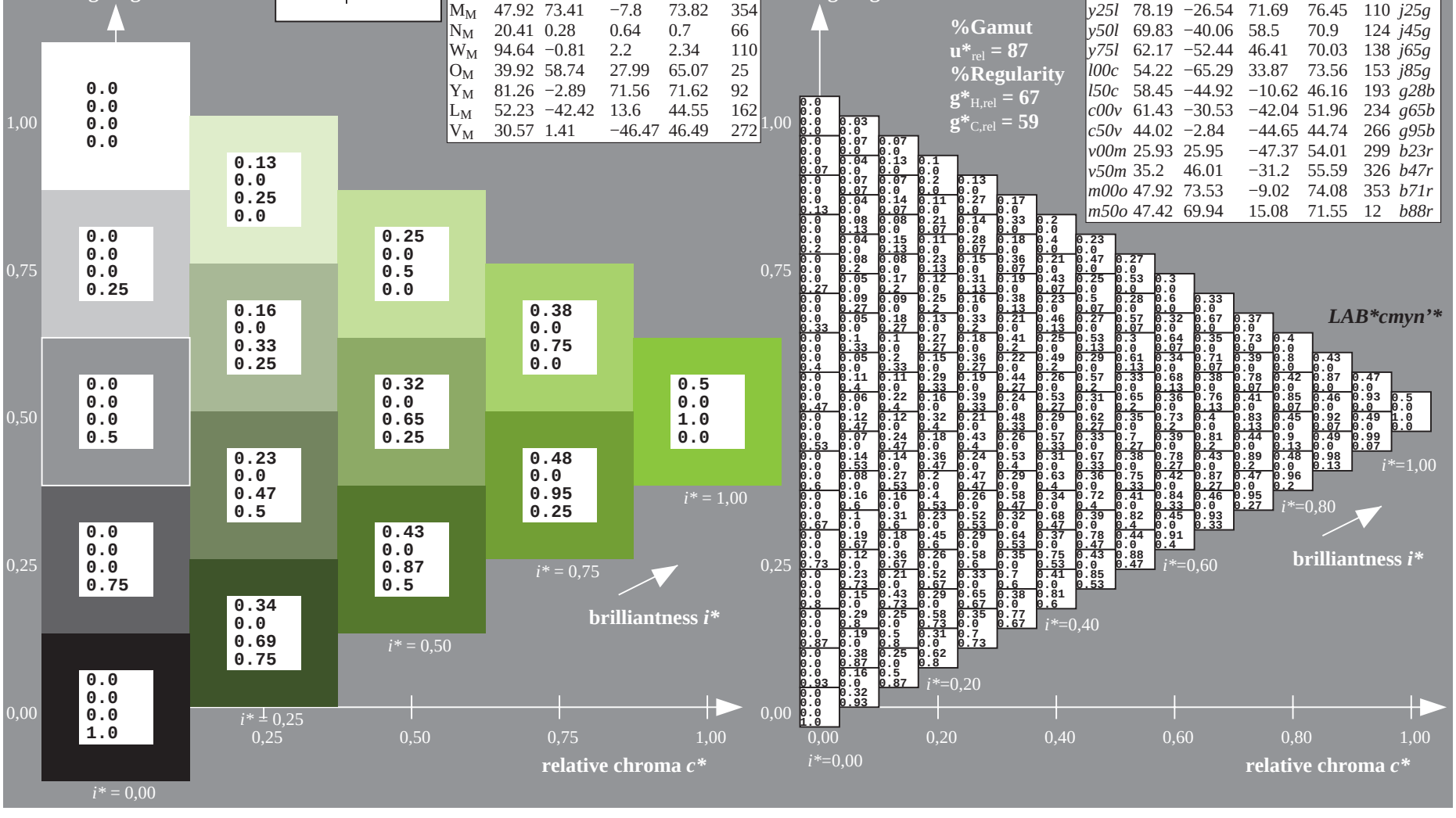
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 70 −40 58
$LAB^*LCH^*_{Ma}$: 70 71 124
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.54 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$

$u^*_d = y50l$
$LAB^*cmyn'^*$

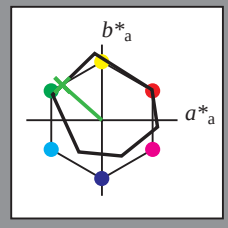
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.385$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j65g$
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	41.43	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

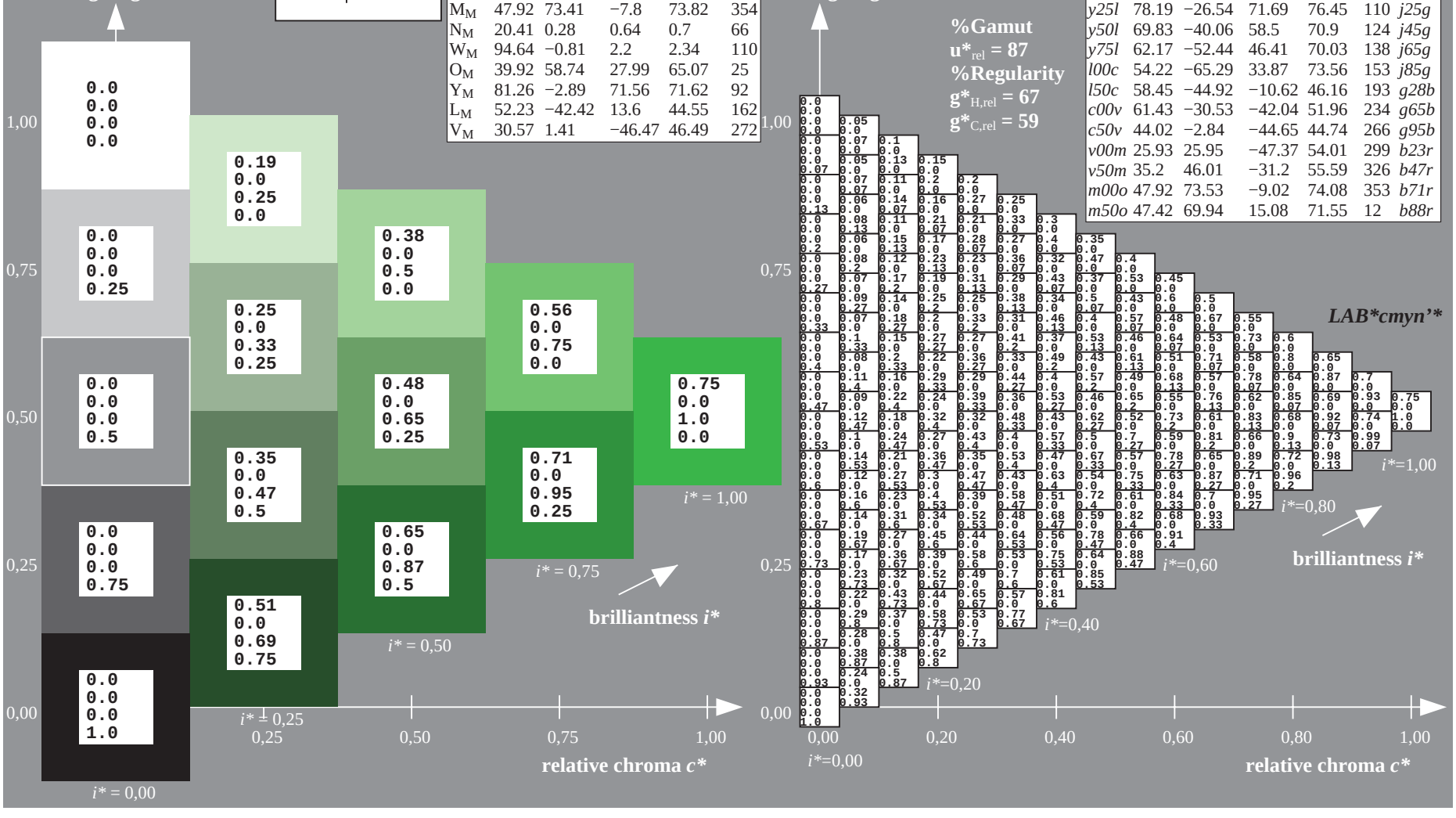
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 62 −52 46
$LAB^*LCH^*_{Ma}$: 62 70 138
$lab^*olv^*_{Ma}$: 0.25 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.34 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$

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

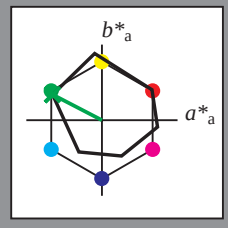
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.424**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *l00c* u^*_e = *j85g*
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	41.84	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

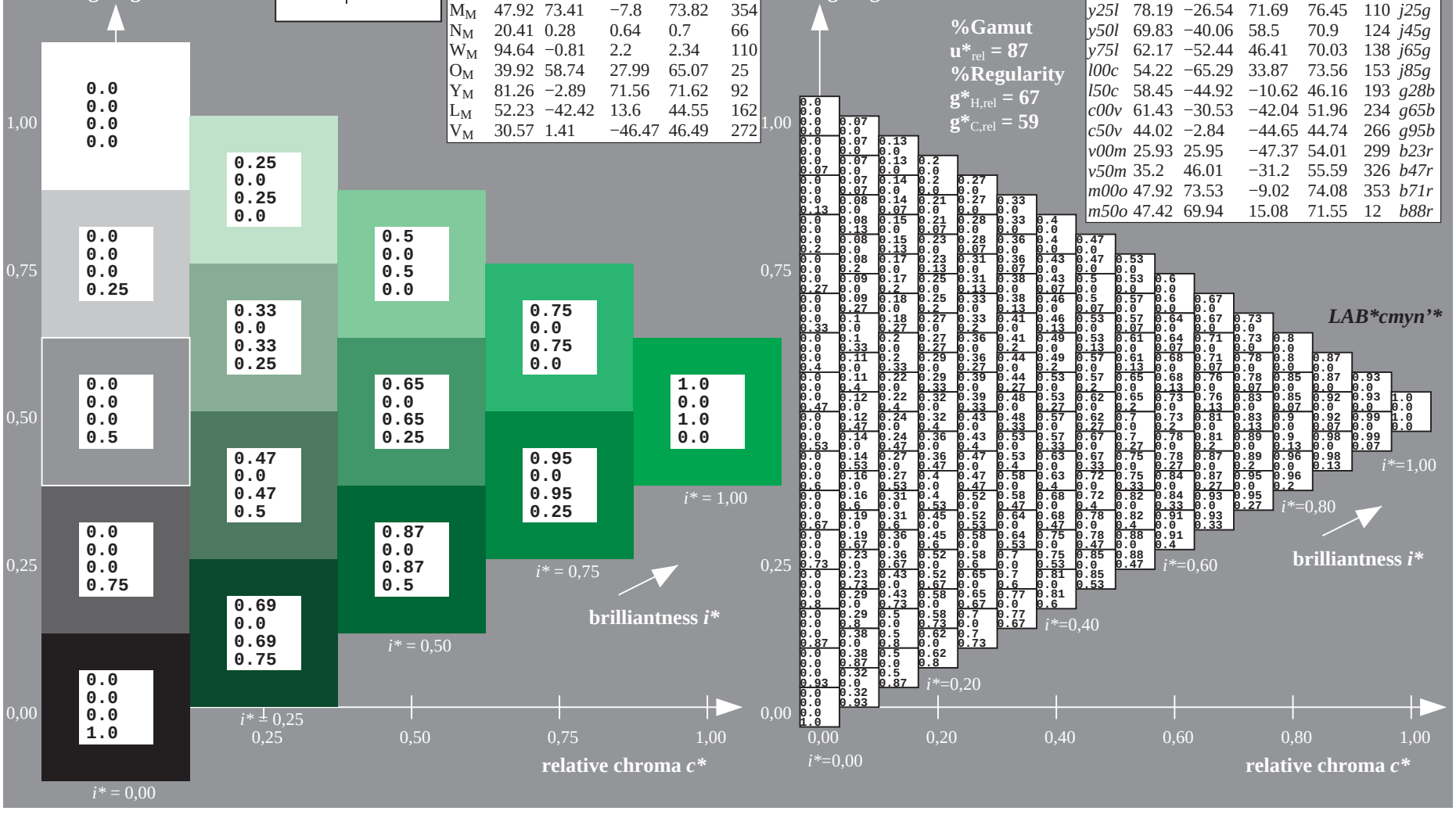
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 54 −65 34**
LAB*LCH*$_{Ma}$**: 54 74 152**
lab*olv*$_{Ma}$**: 0.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.14 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *l00c*
LAB*cmyn'*

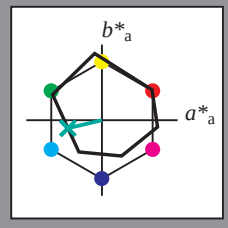
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.537**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
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	41.84	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

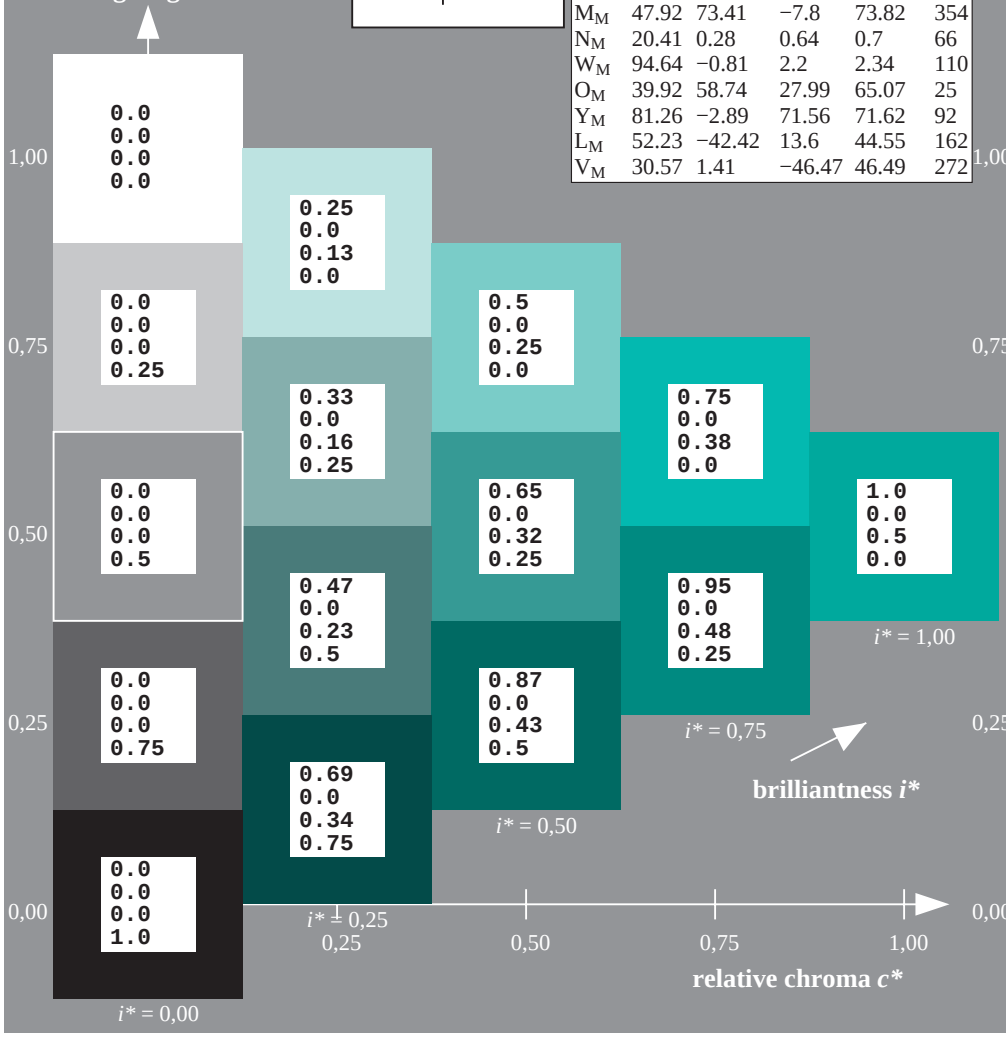
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 58 −45 −11**
LAB*LCH*$_{Ma}$**: 58 46 193**
lab*olv*$_{Ma}$**: 0.0 1.0 0.5**
lab*rgb*$_{Ma}$**: 0.0 1.0 0.57**
triangle lightness *t**

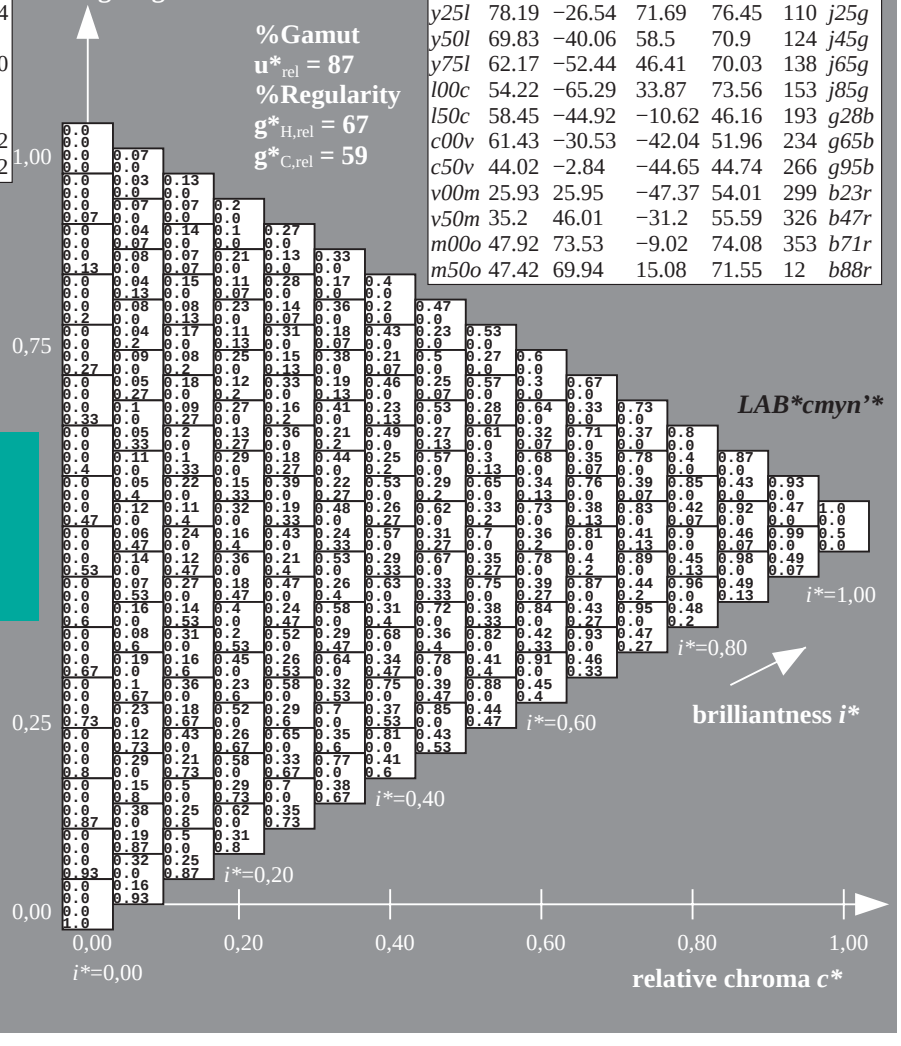
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *l50c*
LAB*cmyn'*

ORS20_95a; adapted (a) CIELAB data

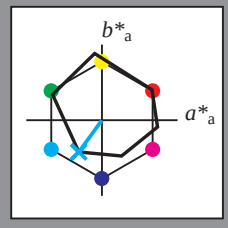
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.65**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c00v* u^*_e = *g65b*
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

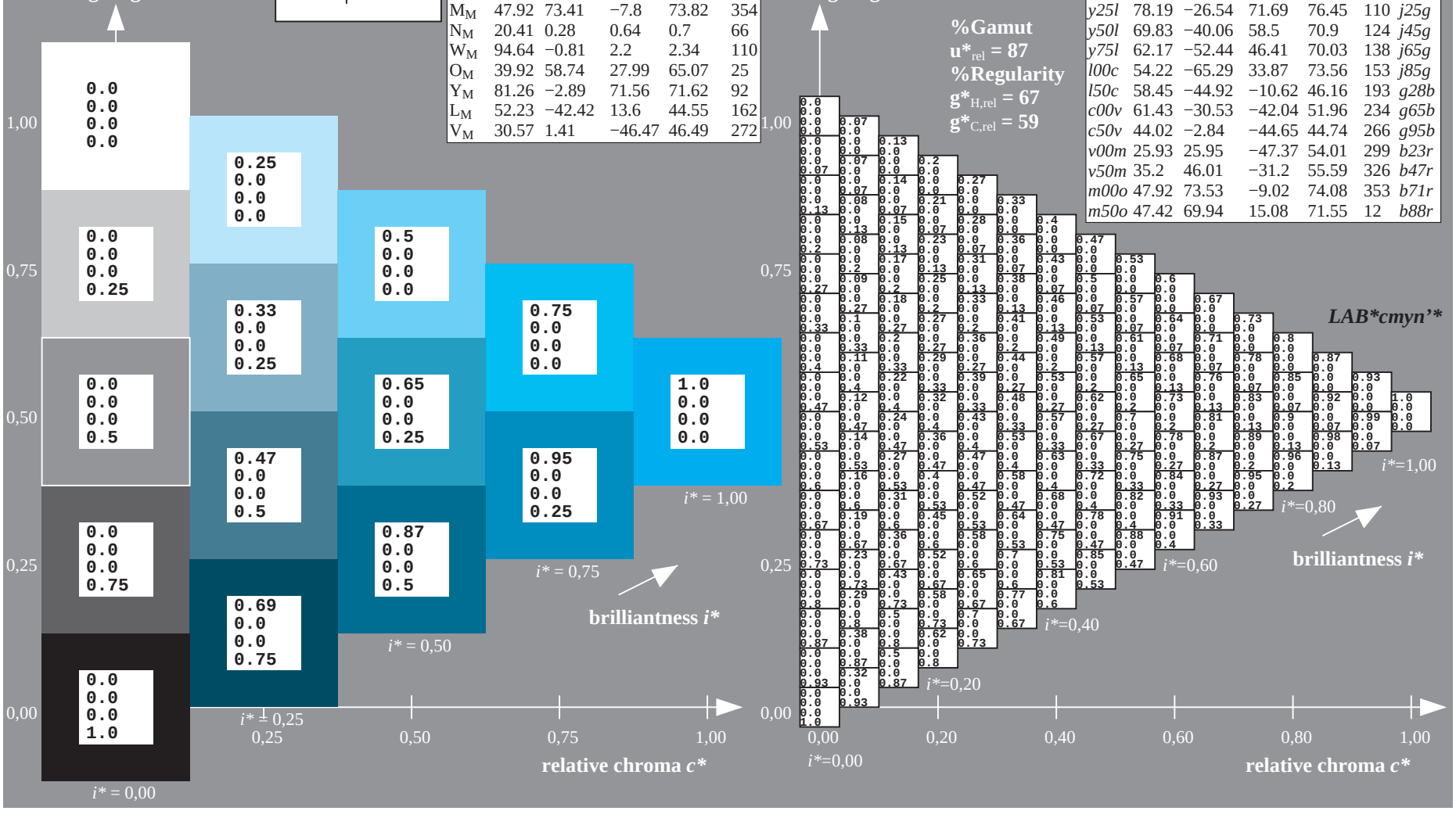
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 61 −31 −42**
LAB*LCH*$_{Ma}$**: 61 52 234**
lab*olv*$_{Ma}$**: 0.0 1.0 1.0**
lab*rgb*$_{Ma}$**: 0.0 0.69 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *c00v*
LAB*cmyn'*

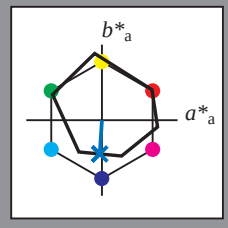
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.74$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g95b*
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

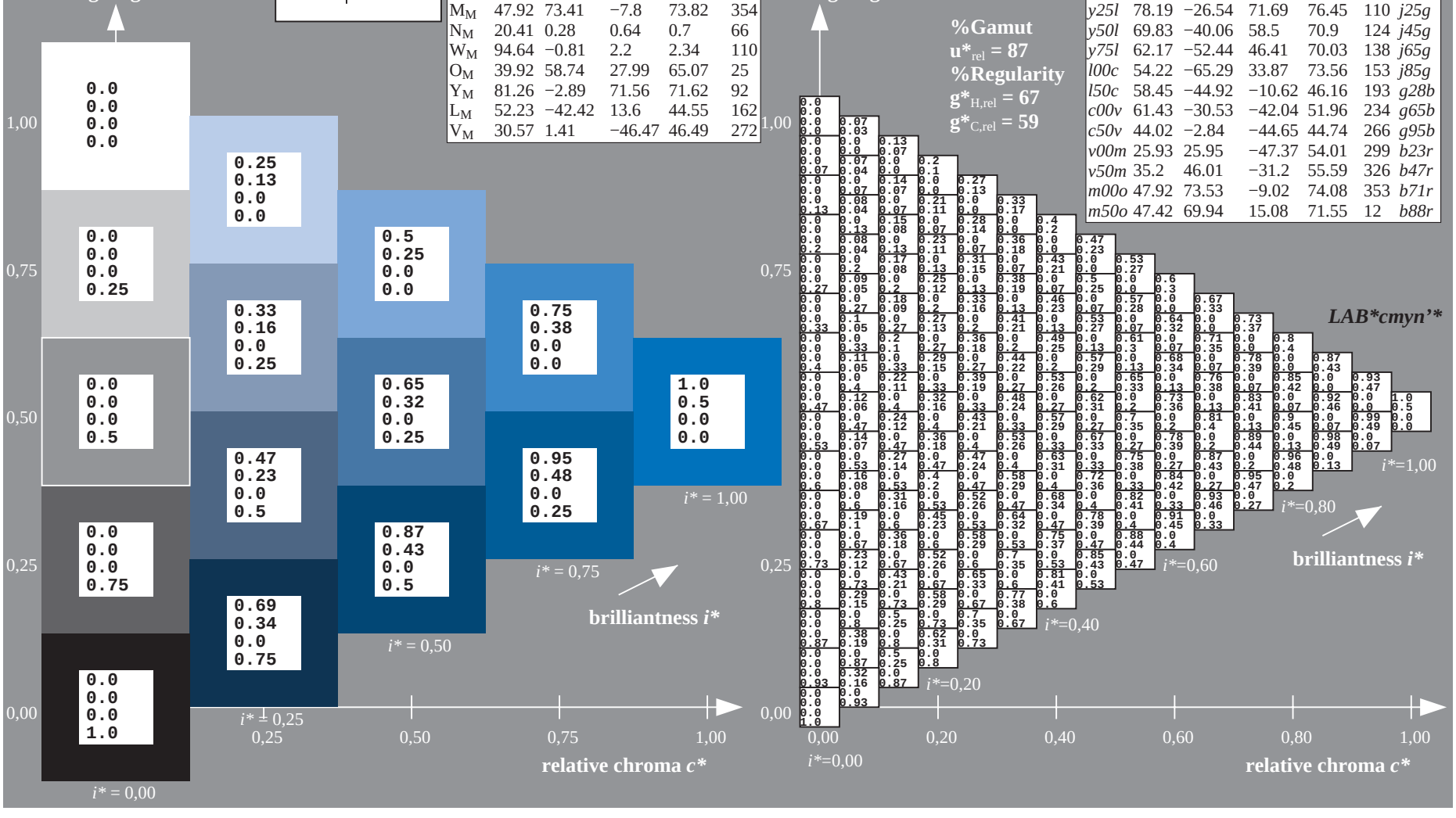
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 44 −3 −45
$LAB^*LCH^*_{Ma}$: 44 45 266
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.1 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *c50v*
*LAB*cmyn'**

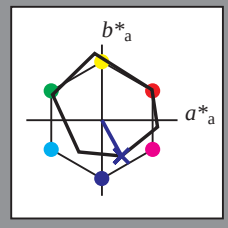
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a 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	41.84	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

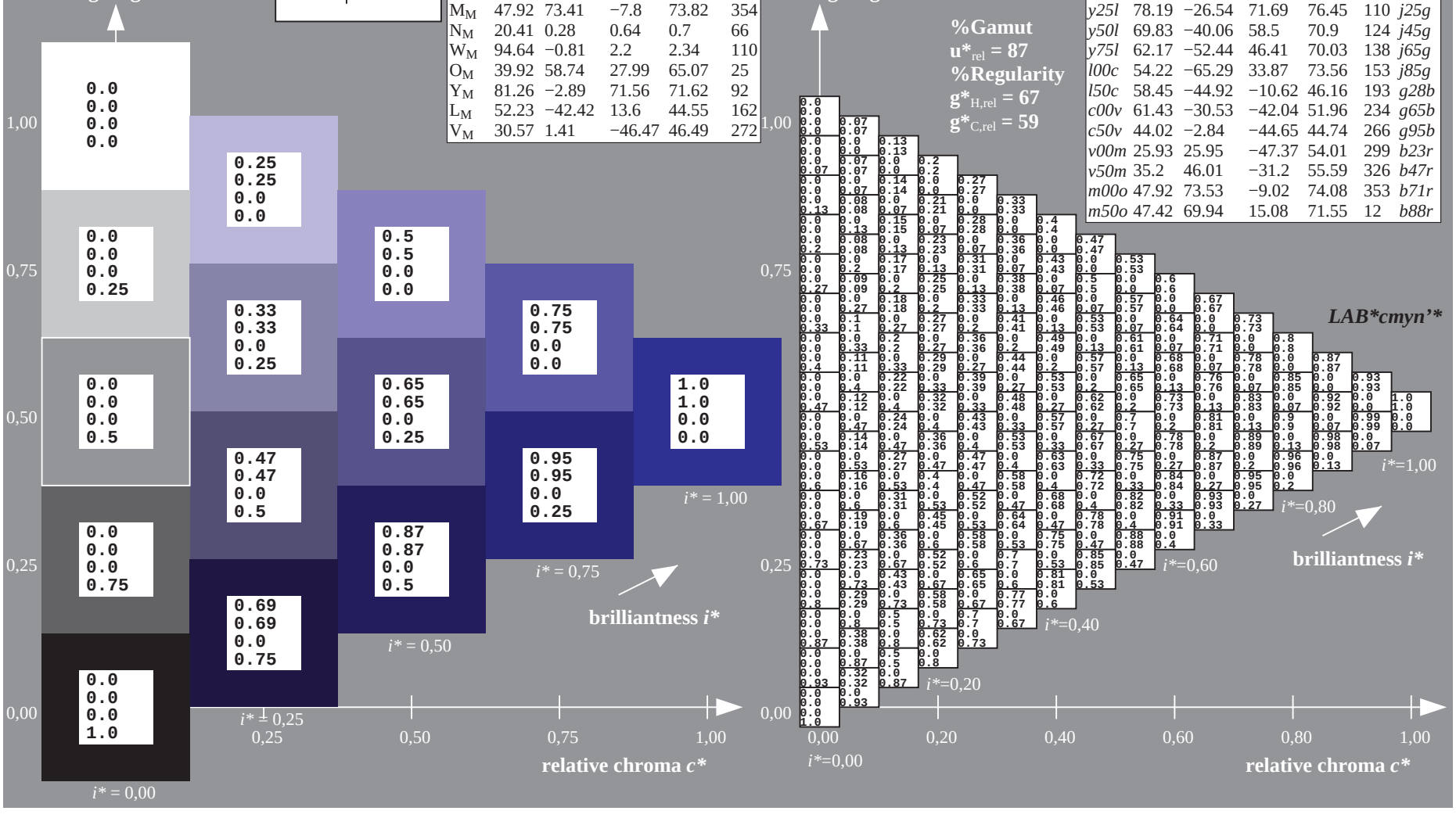
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 26 26 −47
$LAB^*LCH^*_{Ma}$: 26 54 298
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.47 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

u^*_d = *v00m*
*LAB*cmyn'**

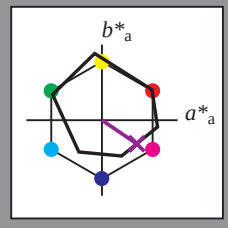
ORS20_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	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_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.905**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
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

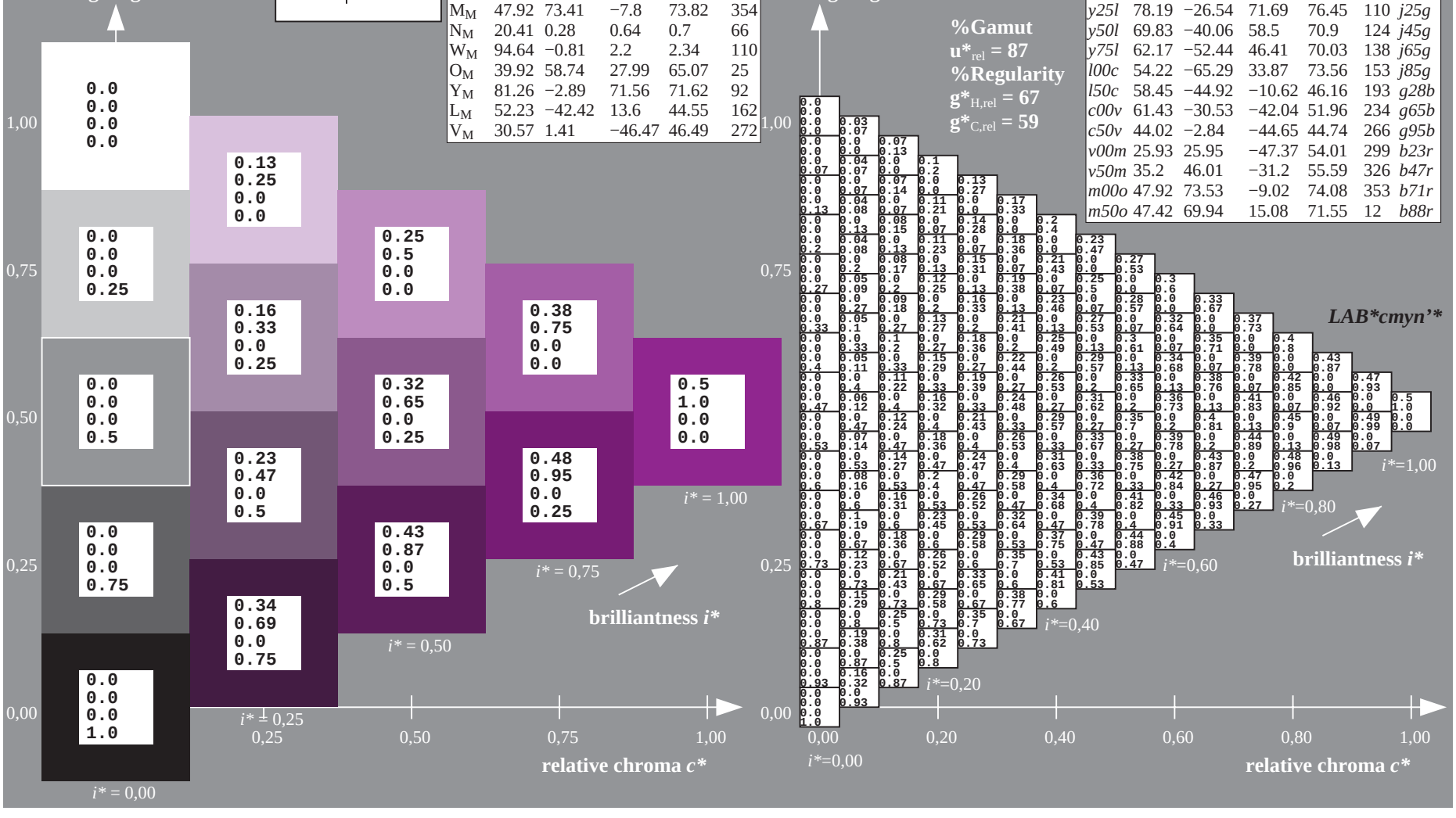
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 35 46 −31**
LAB*LCH*$_{Ma}$**: 35 56 325**
lab*olv*$_{Ma}$**: 0.5 0.0 1.0**
lab*rgb*$_{Ma}$**: 0.95 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

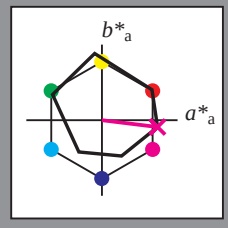
u^*_d	*L*=L**$_a$	*a**$_a$	*b**$_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
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 = v50m
LAB*cmyn'*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.981**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
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	41.84	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

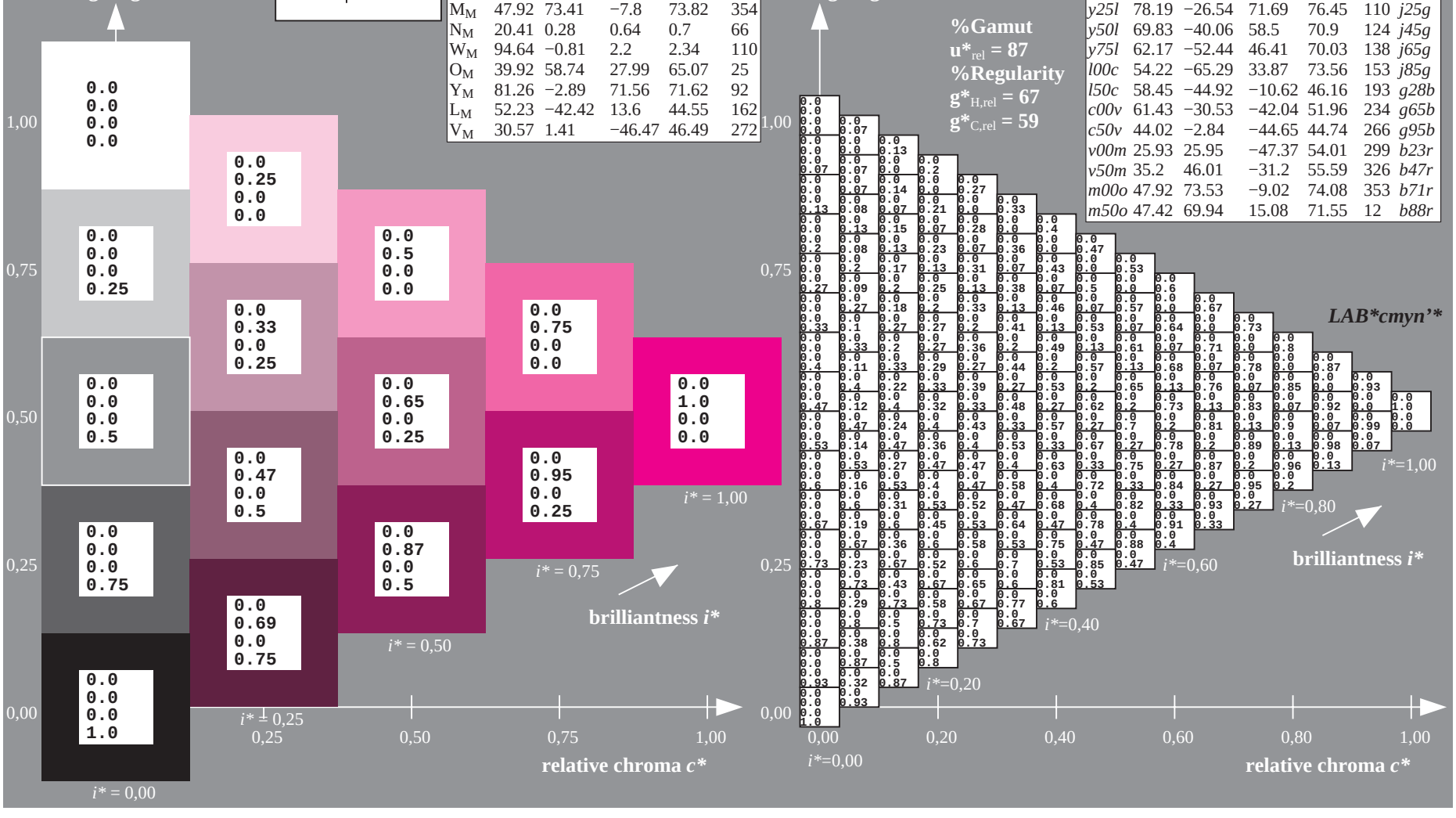
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 48 74 −9**
LAB*LCH*$_{Ma}$**: 48 74 353**
lab*olv*$_{Ma}$**: 1.0 0.0 1.0**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.57**
triangle lightness *t**

%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 67
$g^*_{C,rel}$ = 59

ORS20_95a; adapted (a) CIELAB data

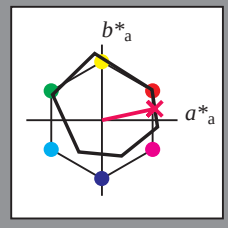
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	*r09j*
o25y	57.13	47.6	52.04	70.52	48	*r33j*
o50y	66.36	30.85	62.62	69.81	64	*r57j*
o75y	76.18	13.03	73.89	75.03	80	*r81j*
y00l	88.66	−9.62	88.21	88.73	96	*j06g*
y25l	78.19	−26.54	71.69	76.45	110	*j25g*
y50l	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 = m00o
LAB*cmyn'*



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.034**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
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	41.84	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**$_{Ma}$: 47 70 15
*LAB*LCH**$_{Ma}$: 47 72 12
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.23
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*