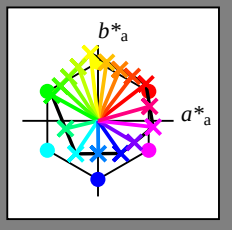
Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 0.97

ORS18_95aM; adapted (a) CIELAB data

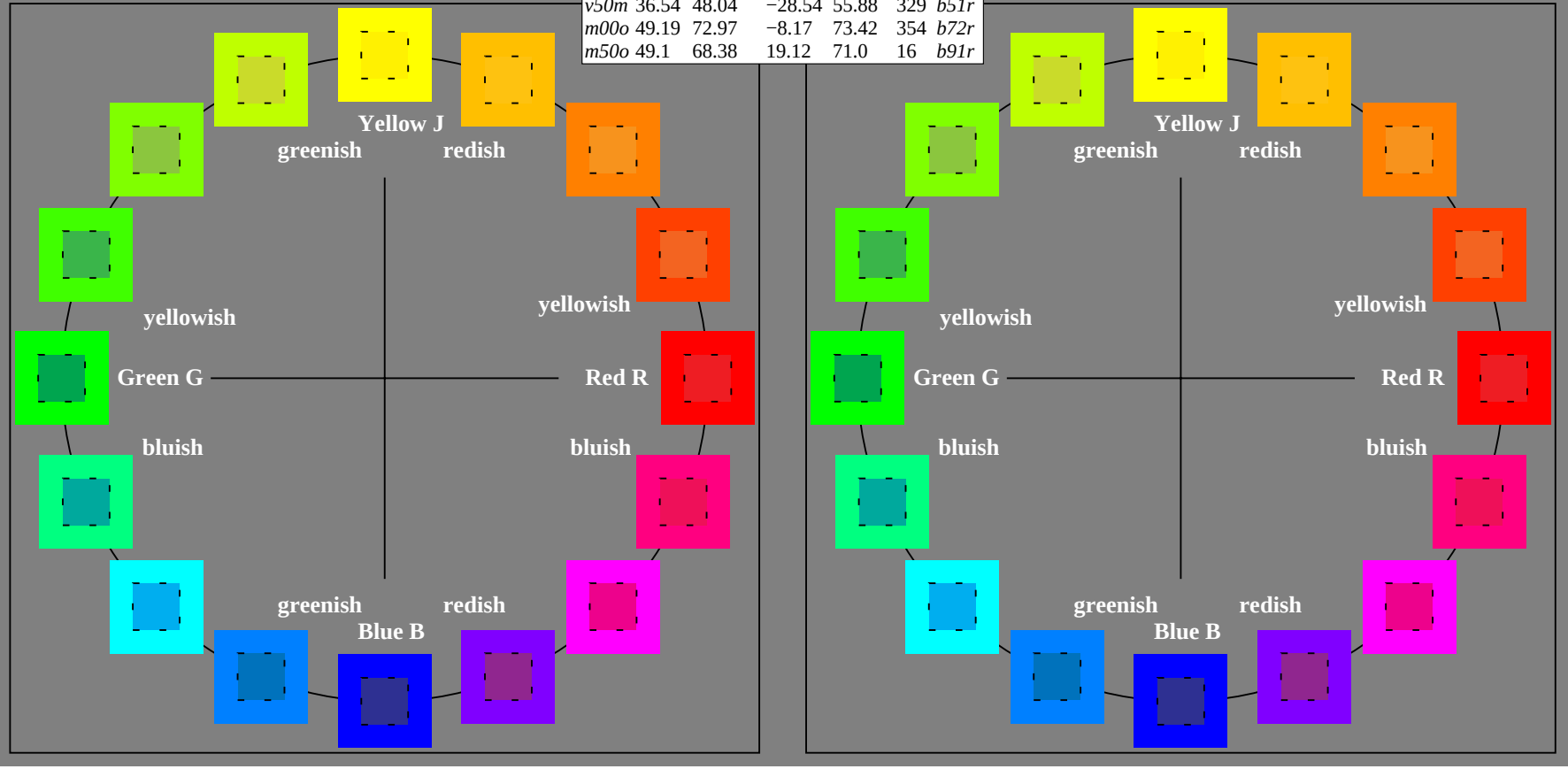
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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



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

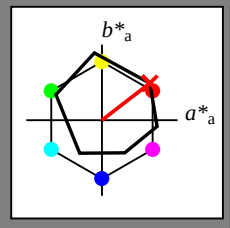
ORS18_95aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.105** **u^*_d = *o00y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o00y* u^*_e = *r18j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

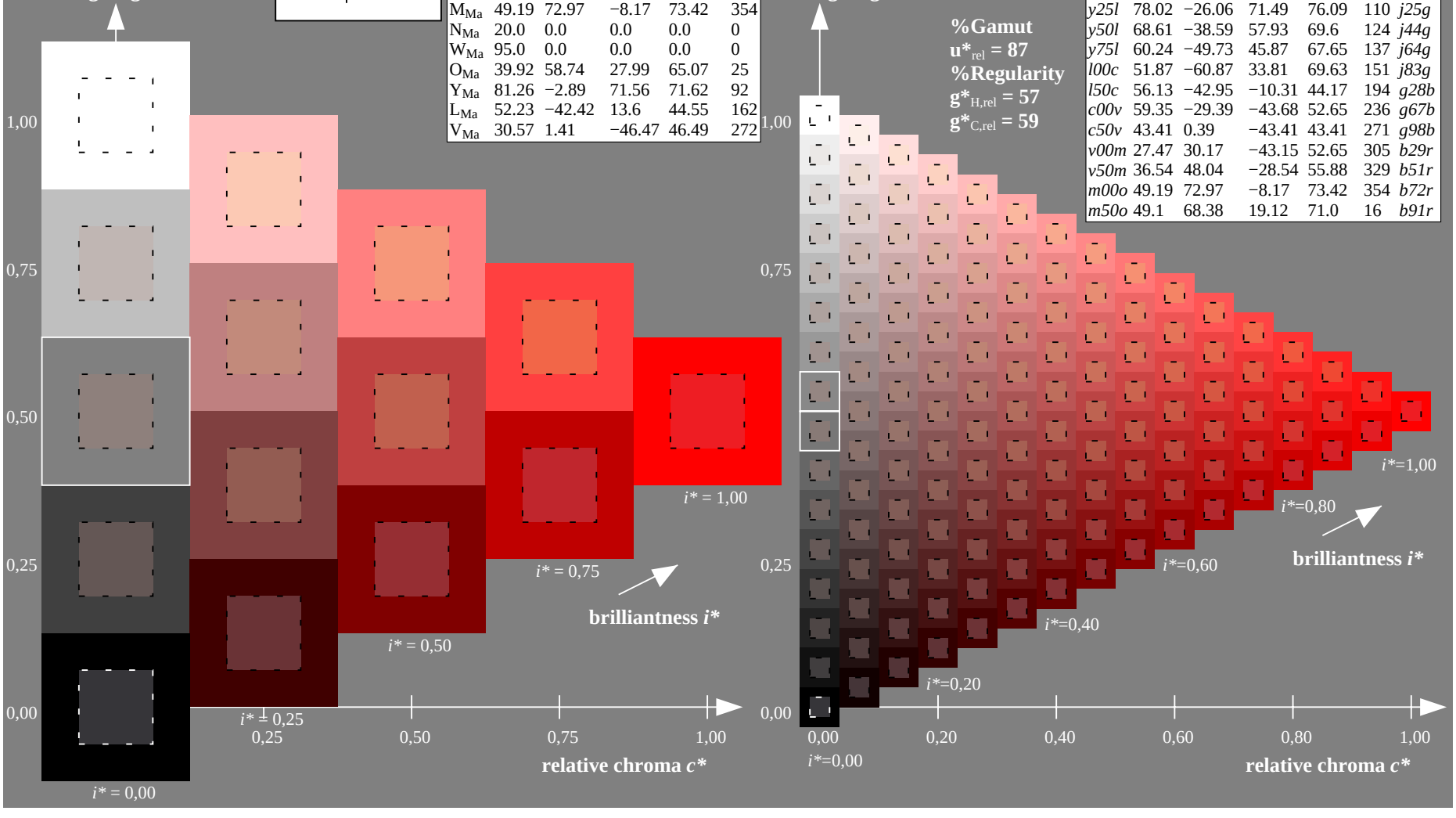
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 49 63 49**
LAB*LCH*$_{Ma}$**: 49 80 37**
lab*olv*$_{Ma}$**: 1.0 0.0 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.18 0.0**
triangle lightness *t**

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

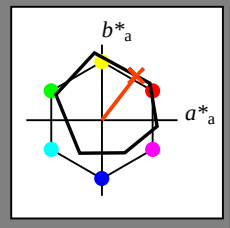
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.145** **u^*_d = *o25y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o25y* u^*_e = *r40j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

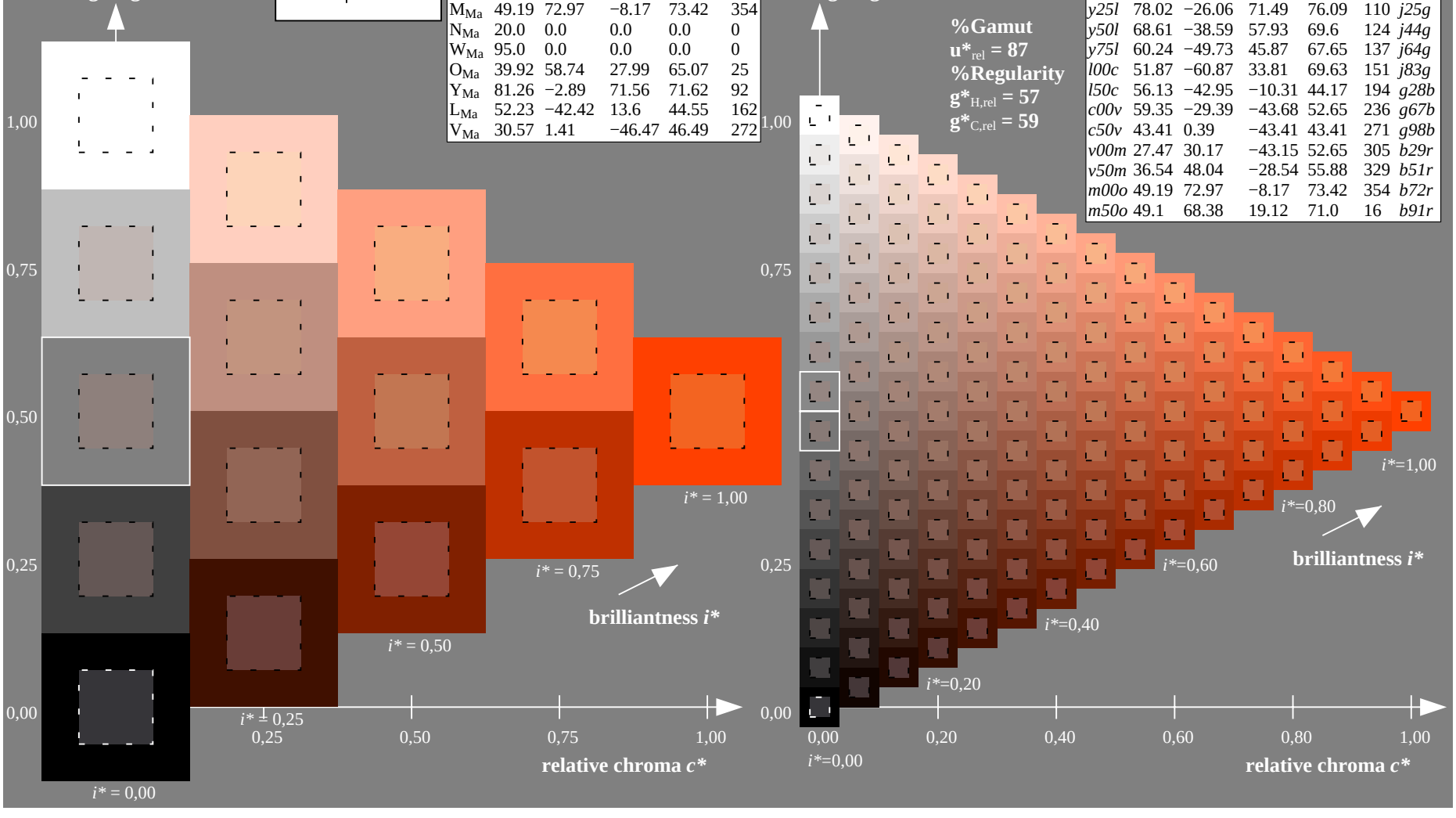
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 59 45 59**
LAB*LCH*$_{Ma}$**: 59 74 52**
lab*olv*$_{Ma}$**: 1.0 0.25 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.4 0.0**
triangle lightness *t**

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

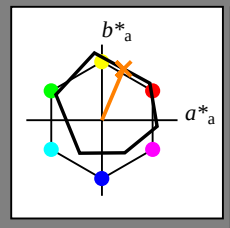
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.186** **u^*_d = *o50y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o50y* u^*_e = *r62j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

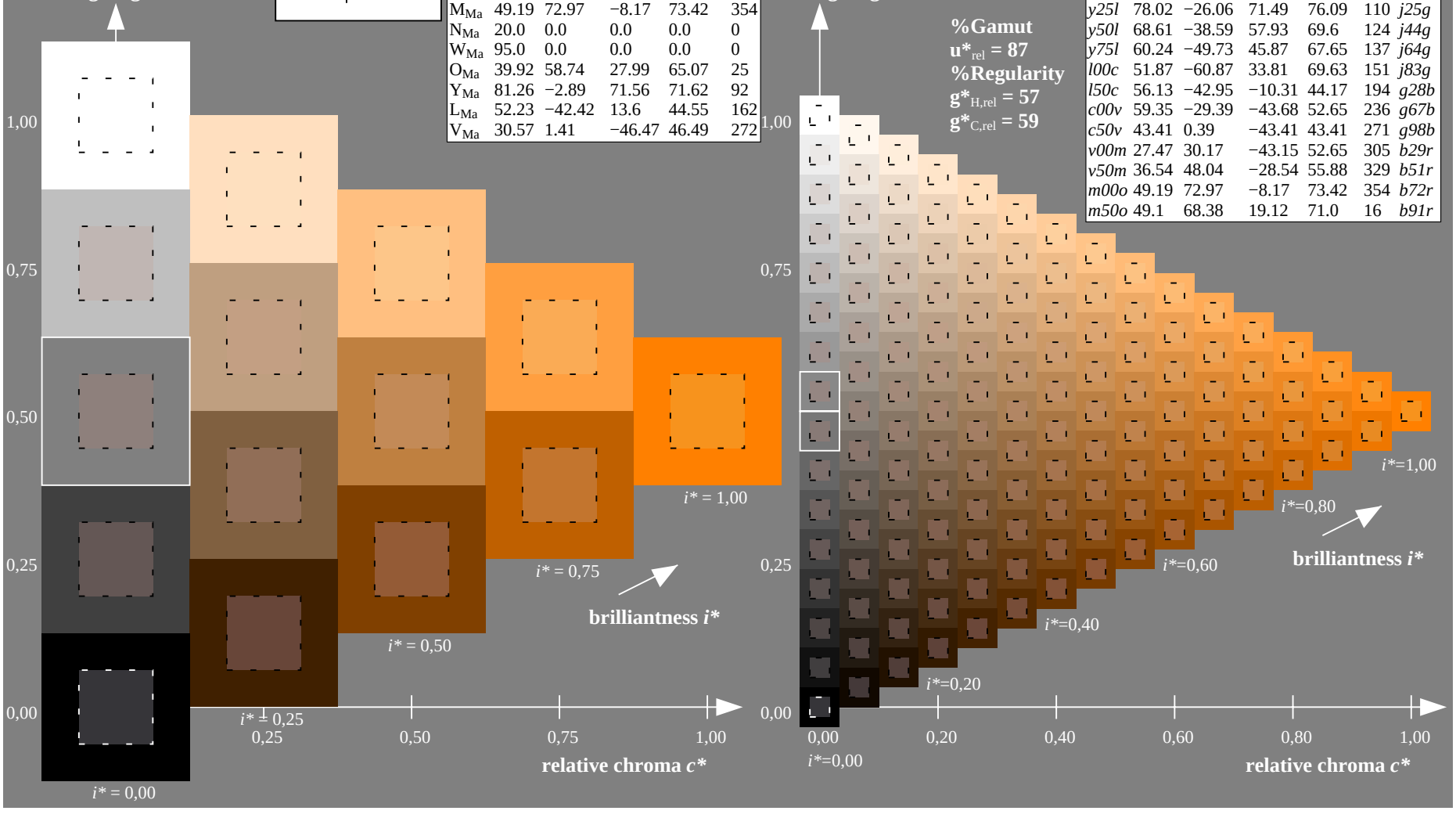
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 68 29 68**
LAB*LCH*$_{Ma}$**: 68 74 67**
lab*olv*$_{Ma}$**: 1.0 0.5 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.62 0.0**
triangle lightness *t**

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

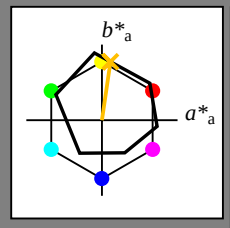
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.227** **u^*_d = *o75y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o75y* u^*_e = *r83j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

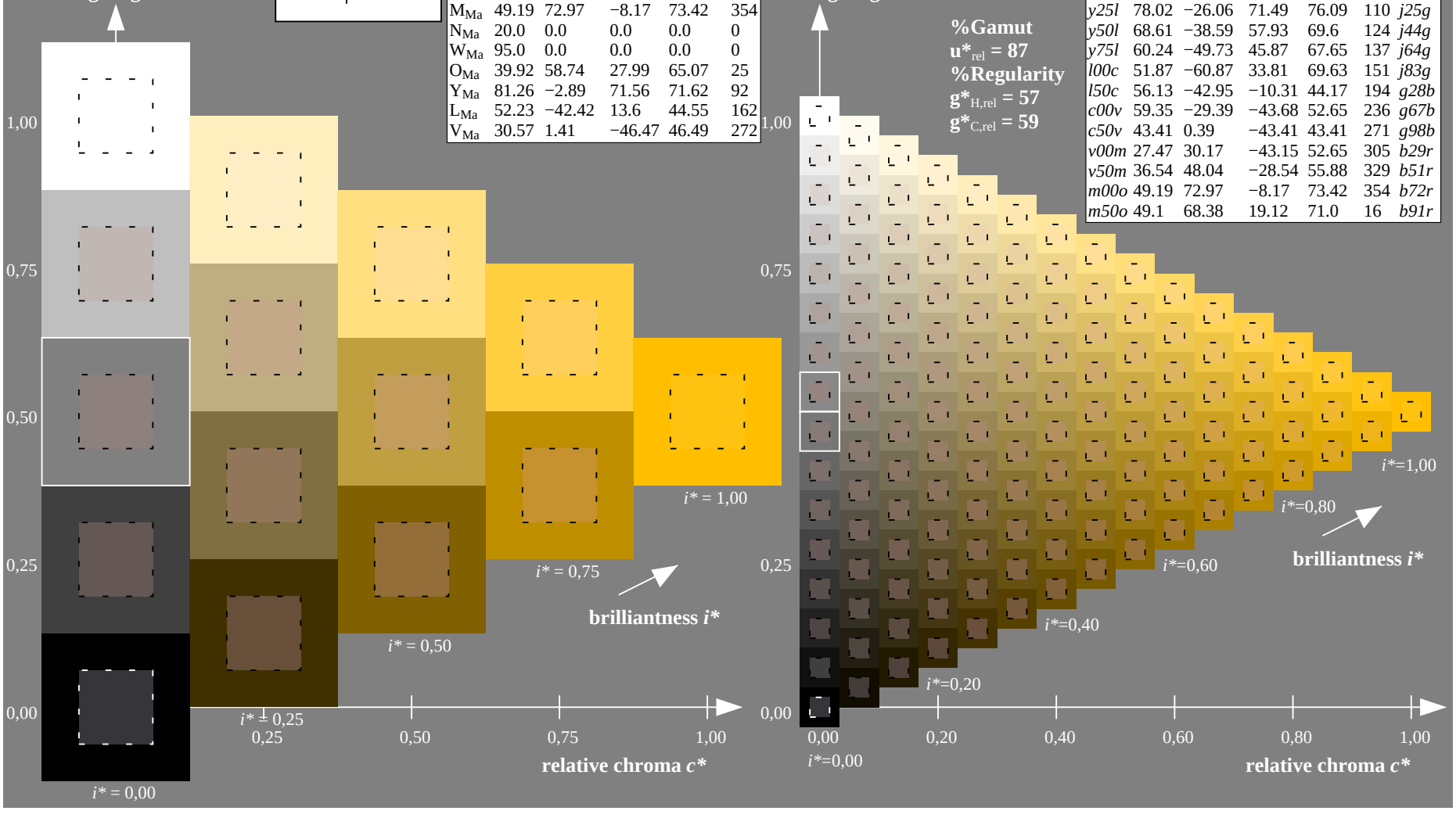
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$: 78 11 77
LAB*LCH*$_{Ma}$: 78 78 81
lab*olv*$_{Ma}$: 1.0 0.75 0.0
lab*rgb*$_{Ma}$: 1.0 0.84 0.0
triangle lightness *t**

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

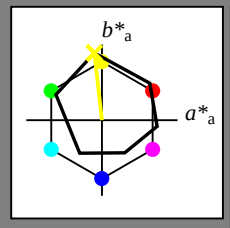
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.268** **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 = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

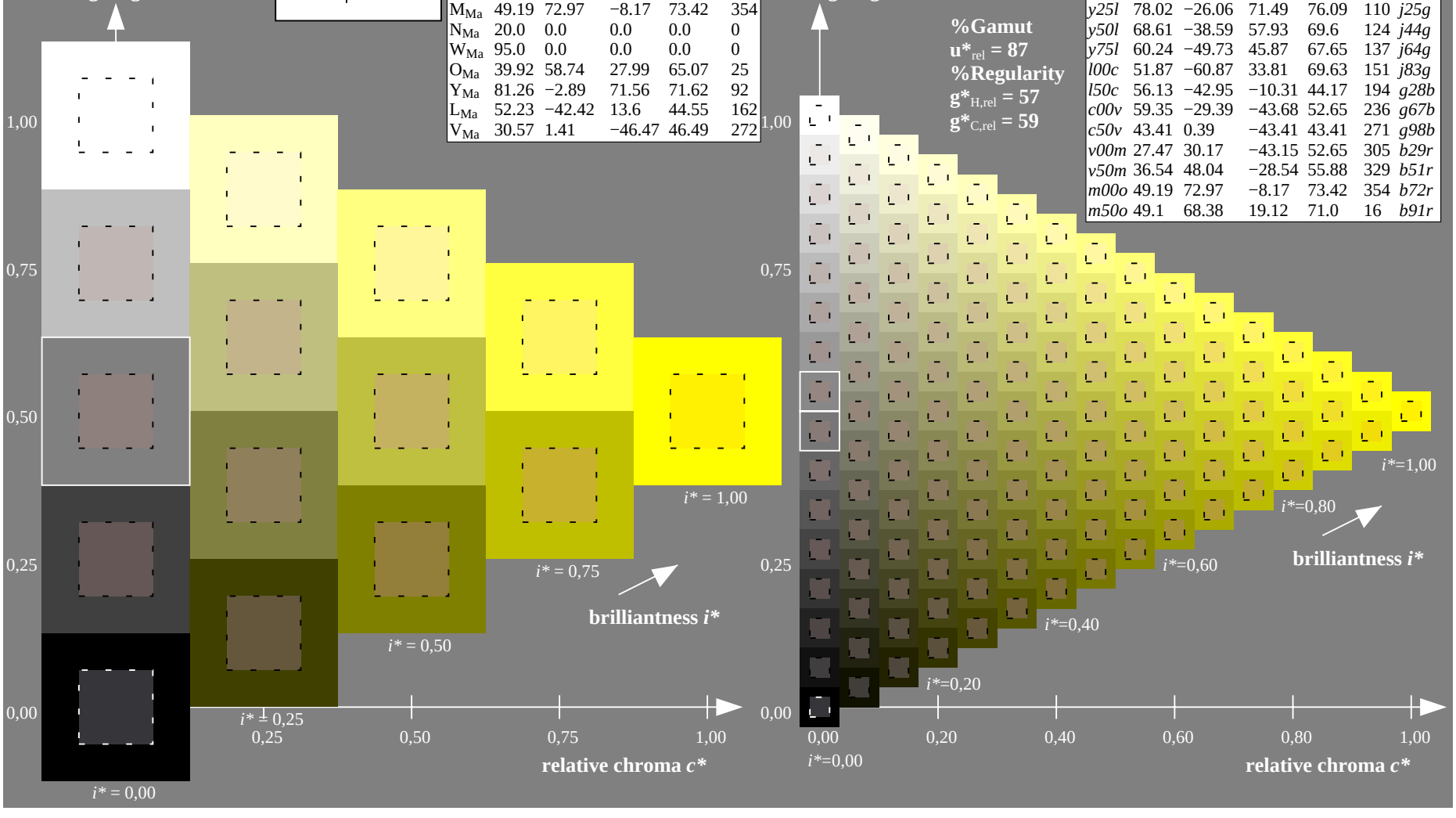
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 90 −10 89**
LAB*LCH*$_{Ma}$**: 90 89 96**
lab*olv*$_{Ma}$**: 1.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.94 1.0 0.0**
triangle lightness *t**

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

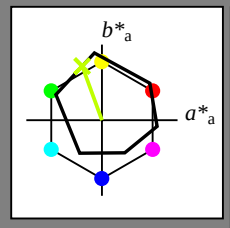
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.306** **$u^*_d = y25l$**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

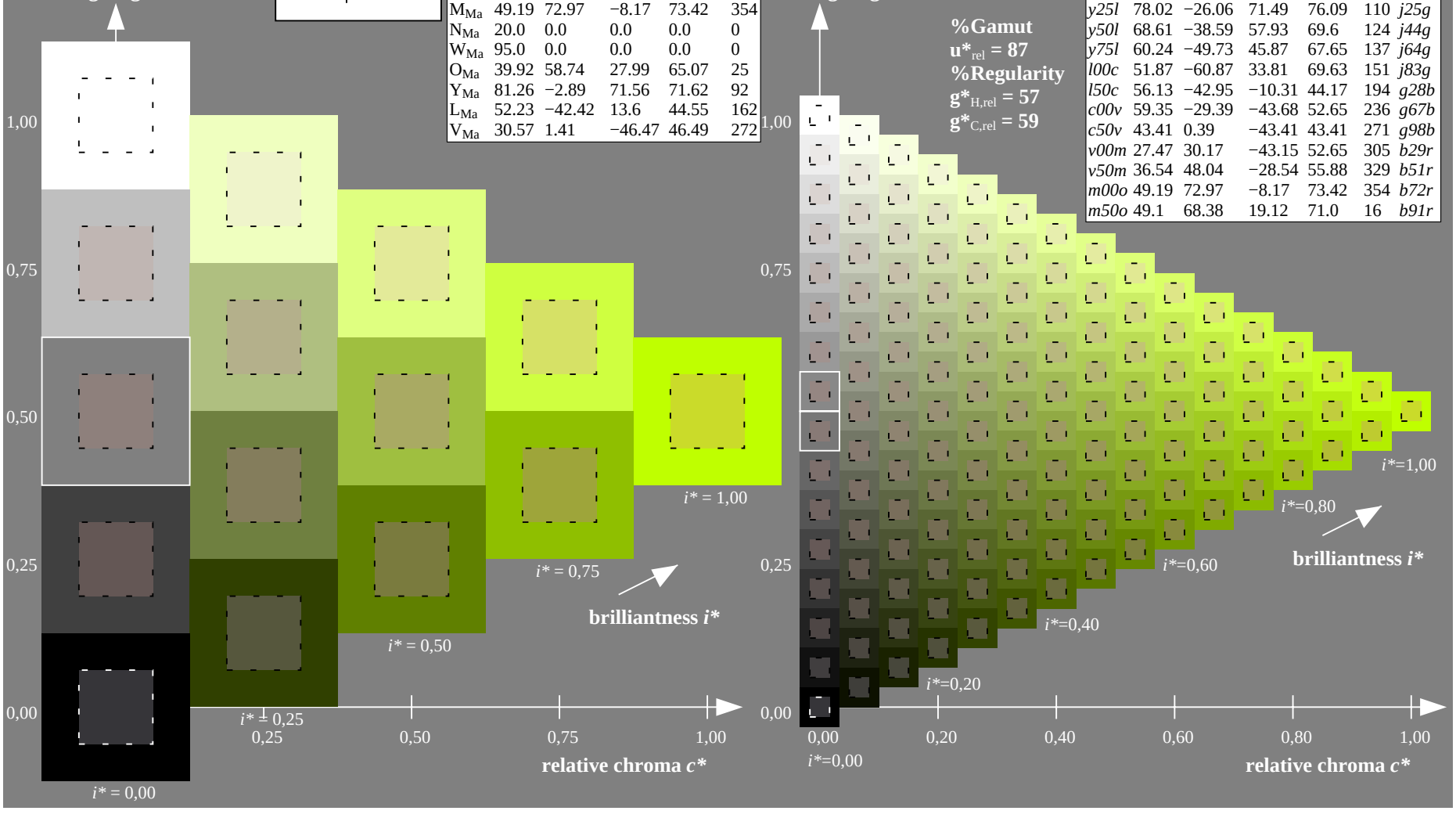
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 78 −26 71**
LAB*LCH*$_{Ma}$**: 78 76 110**
lab*olv*$_{Ma}$**: 0.75 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.75 1.0 0.0**
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

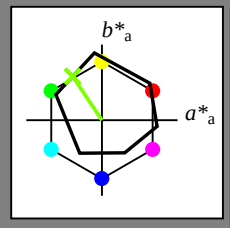
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.344**

u*d = y50l

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u*d = y50l ***u*e = j44g***
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

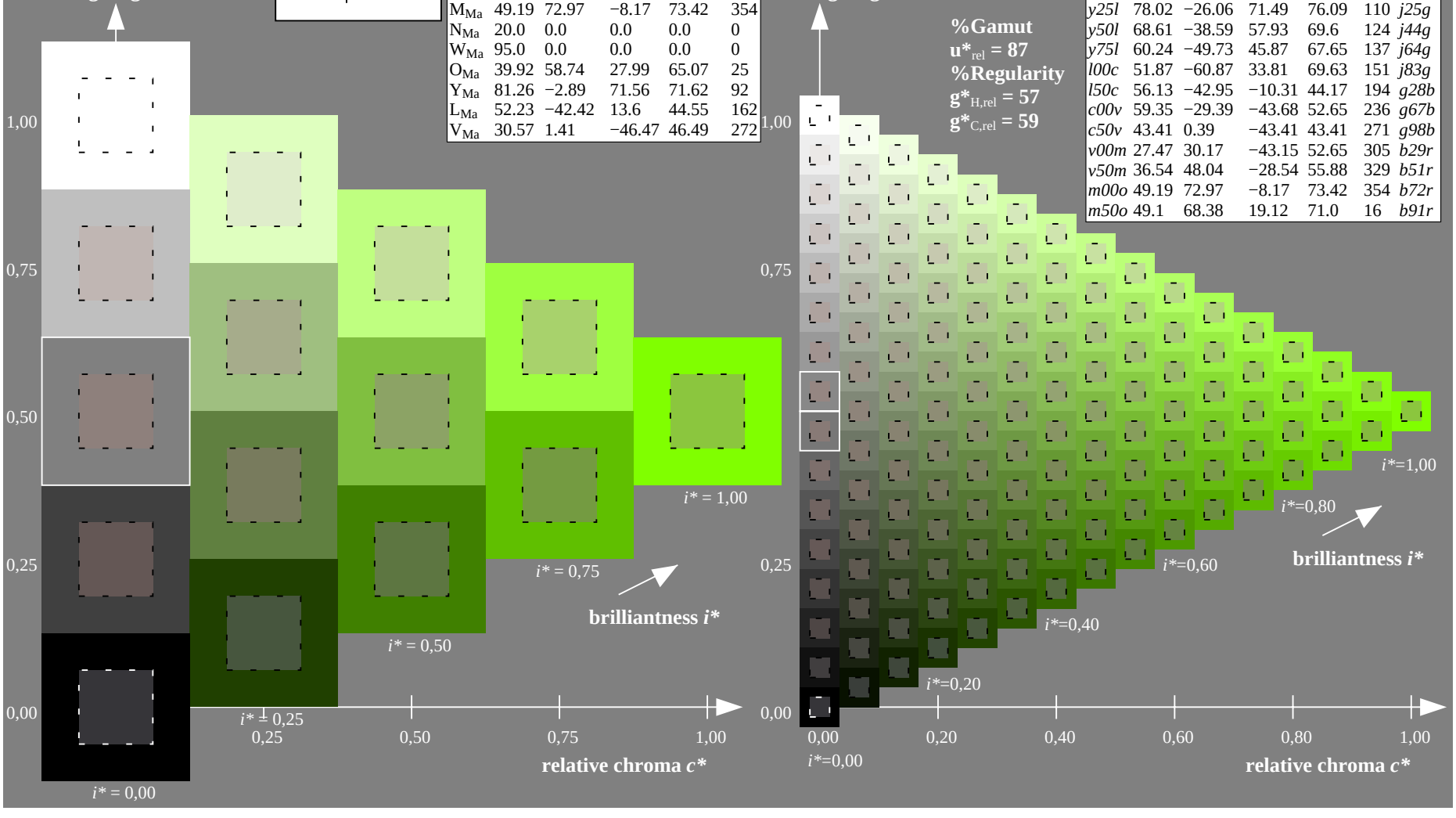
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**Ma*: 69 −39 58**
***LAB*LCH**Ma*: 69 70 123**
***lab*olv**Ma*: 0.5 1.0 0.0**
***lab*rgb**Ma*: 0.55 1.0 0.0**
triangle lightness *t**

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

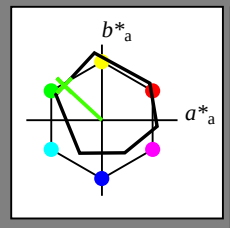
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.381** **$u^*_d = y75l$**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *y75l* u^*_e = *j64g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

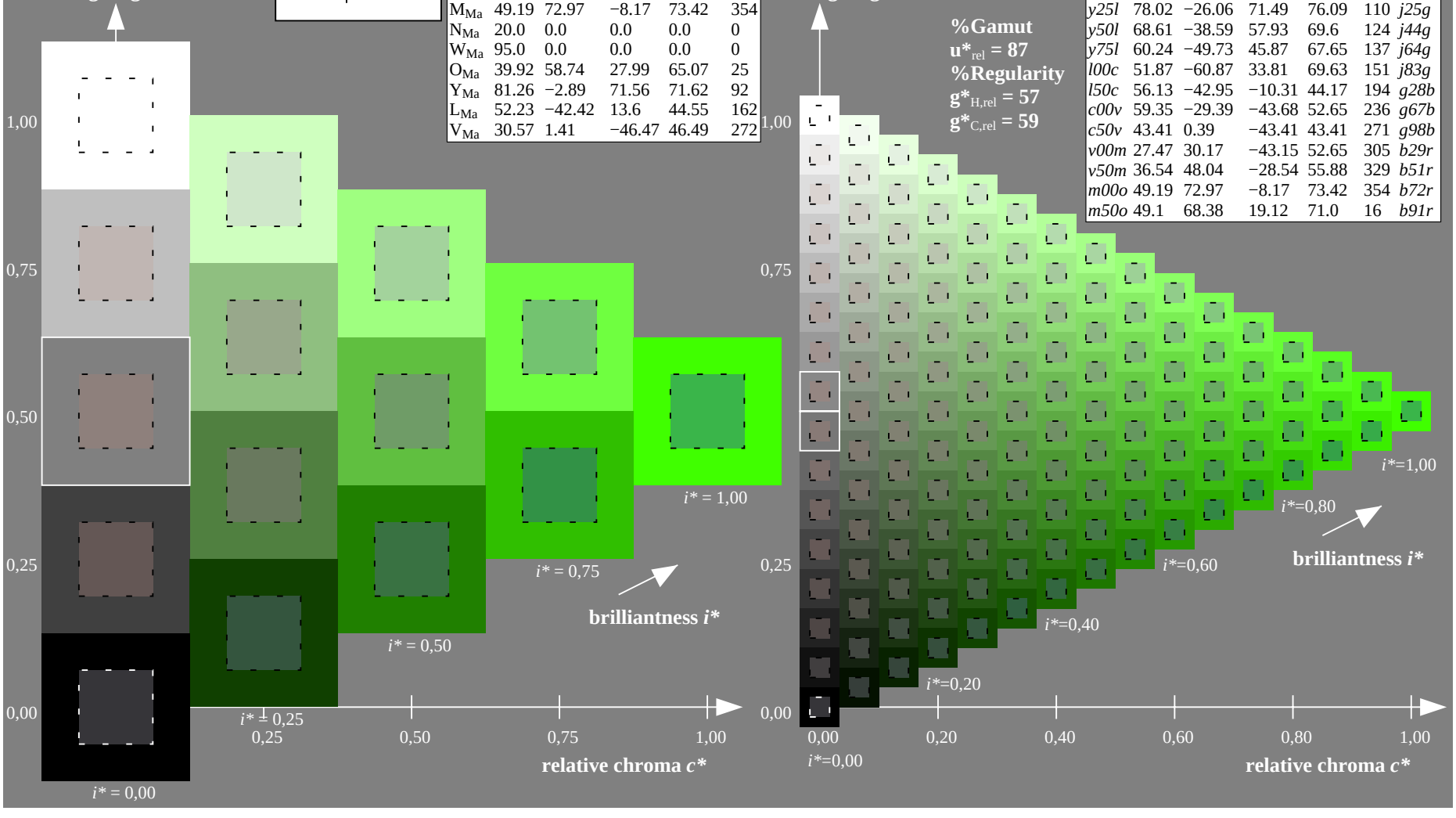
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 60 −50 46**
LAB*LCH*$_{Ma}$**: 60 68 137**
lab*olv*$_{Ma}$**: 0.25 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.36 1.0 0.0**
triangle lightness *t**

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

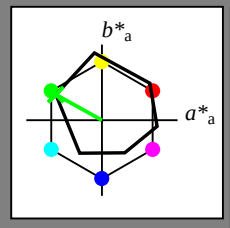
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.419** **u^*_d = *l00c***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *l00c* u^*_e = *j83g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

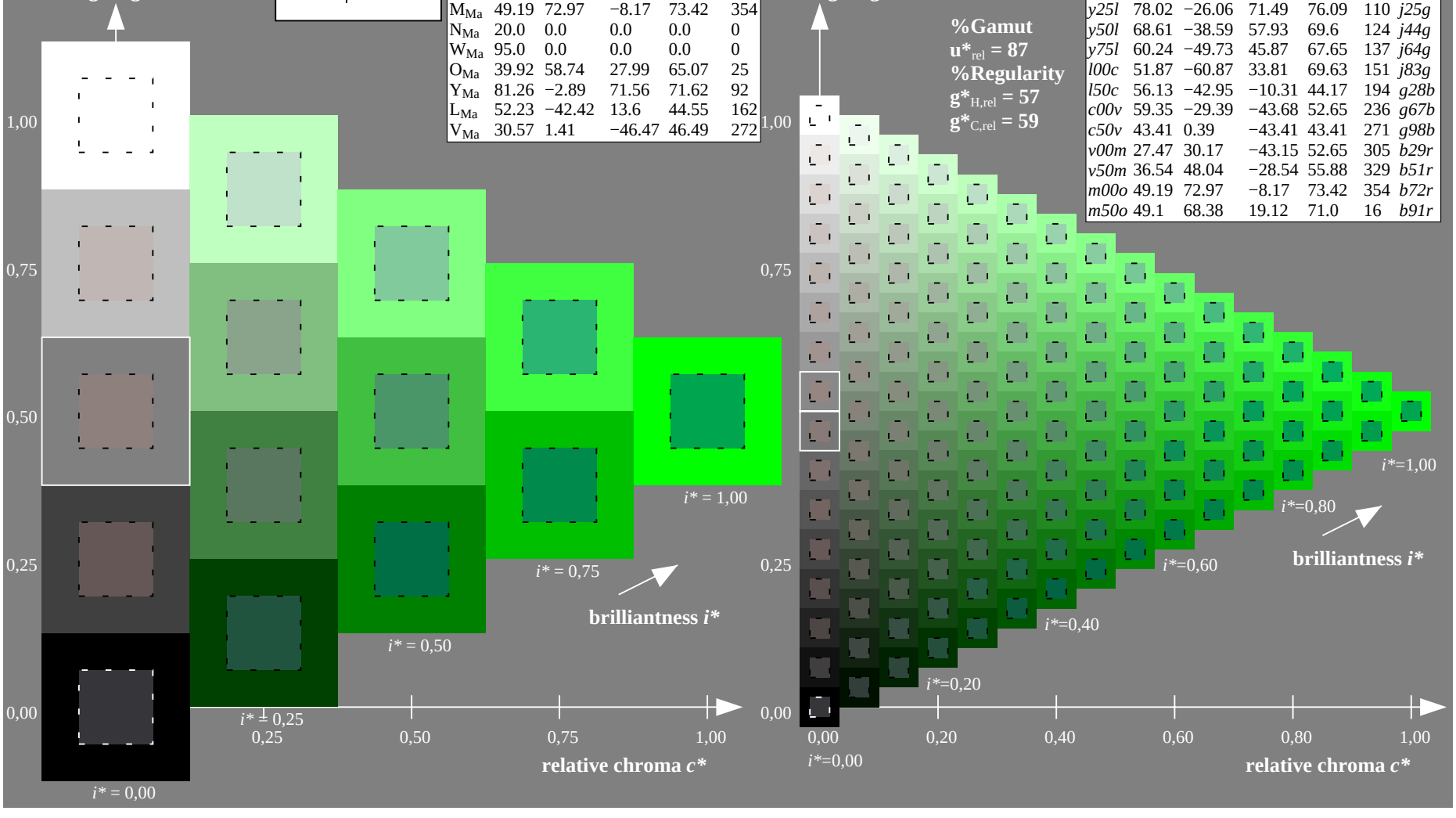
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 52 −61 34**
LAB*LCH*$_{Ma}$**: 52 70 150**
lab*olv*$_{Ma}$**: 0.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.16 1.0 0.0**
triangle lightness *t**

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

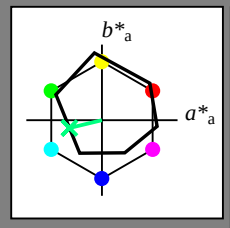
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.538** **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 = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

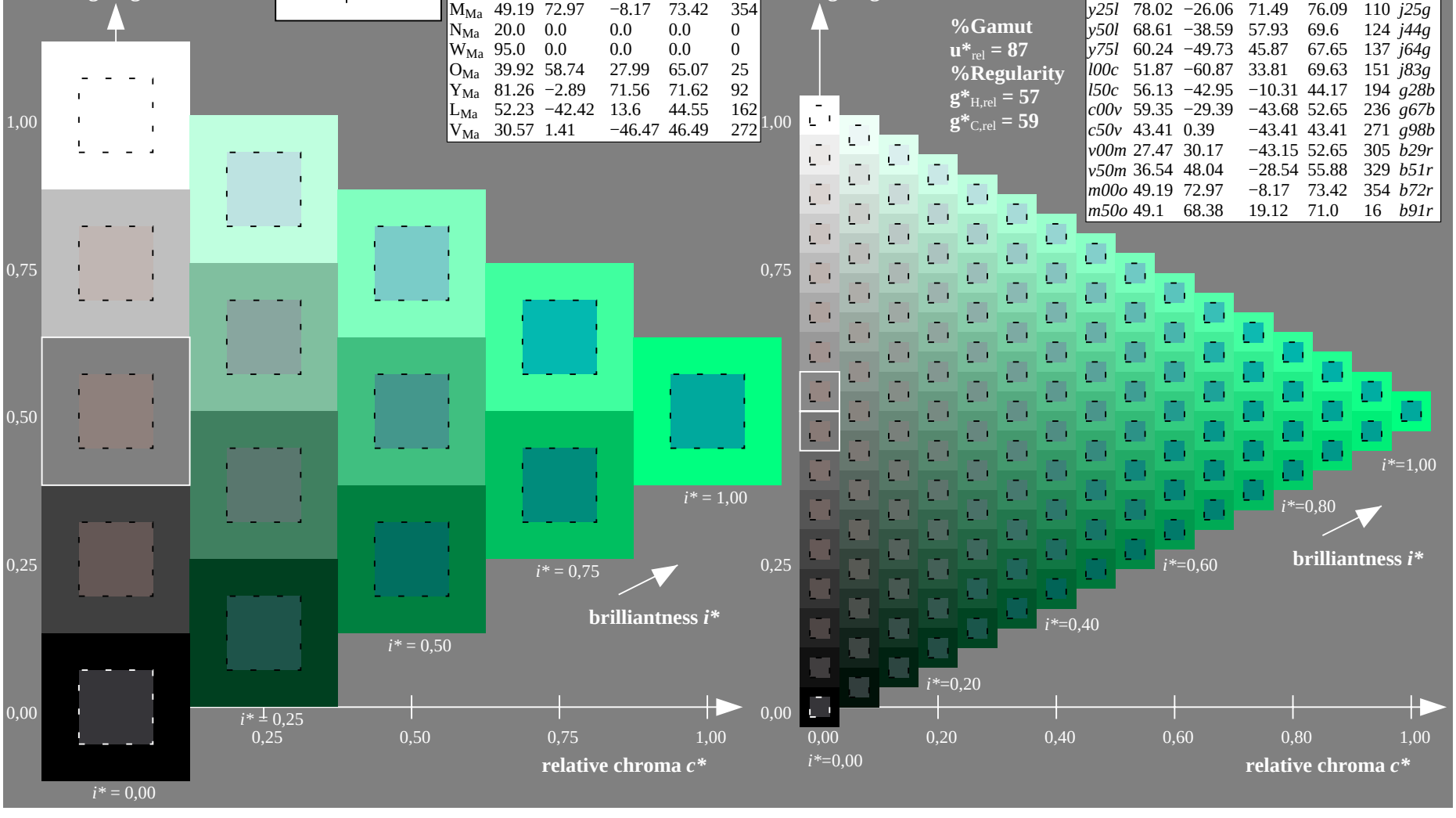
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 56 −43 −10**
LAB*LCH*$_{Ma}$**: 56 44 193**
lab*olv*$_{Ma}$**: 0.0 1.0 0.5**
lab*rgb*$_{Ma}$**: 0.0 1.0 0.57**
triangle lightness *t**

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

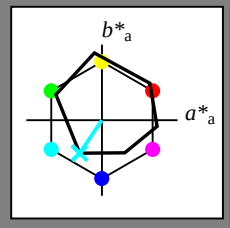
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.656** **u^*_d = *c00v***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c00v* u^*_e = *g67b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

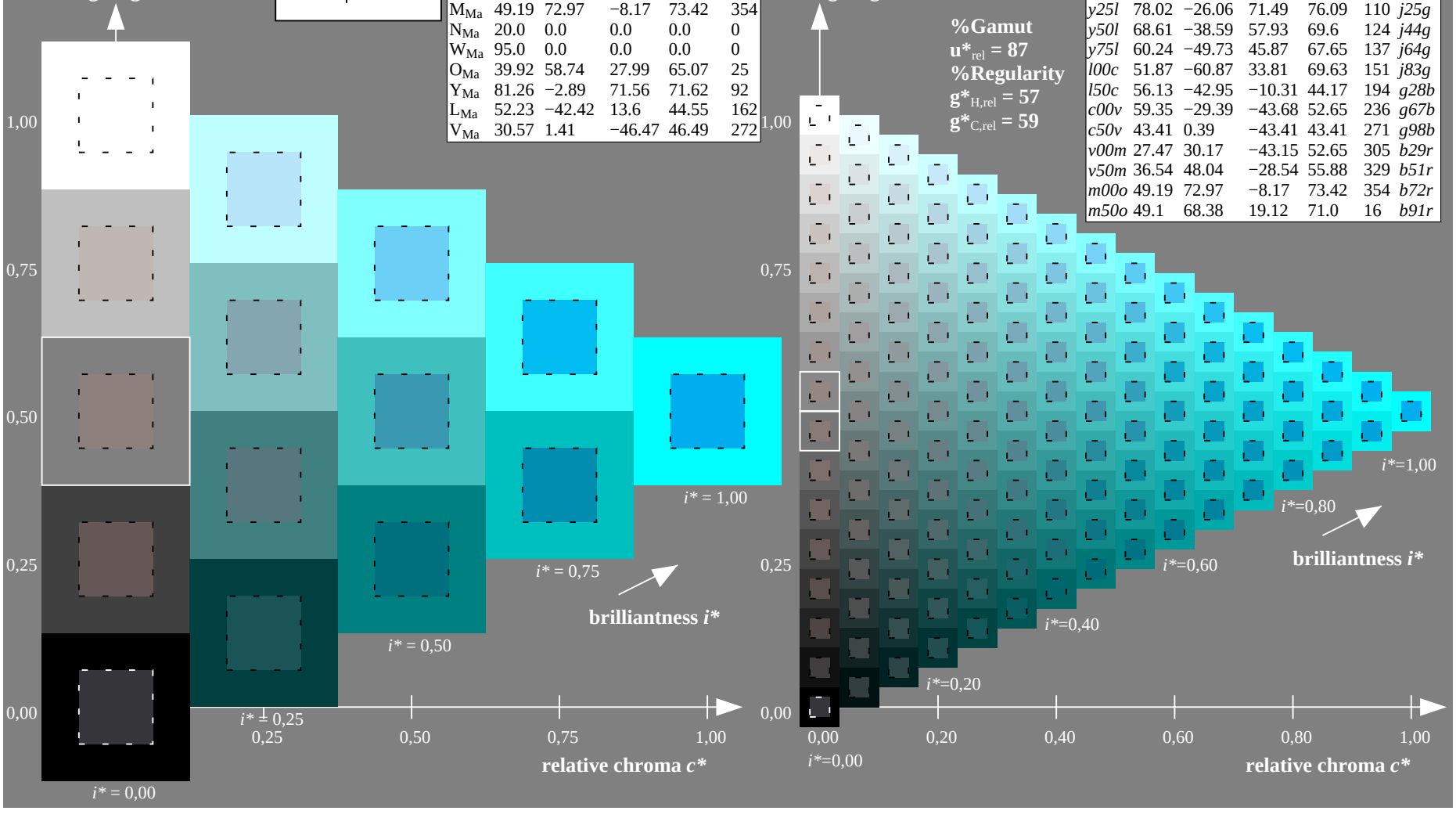
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 59 −29 −44**
LAB*LCH*$_{Ma}$**: 59 53 236**
lab*olv*$_{Ma}$**: 0.0 1.0 1.0**
lab*rgb*$_{Ma}$**: 0.0 0.65 1.0**
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

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

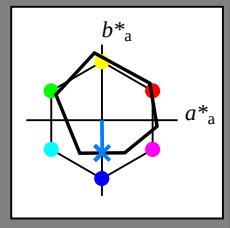


See for similar files: http://www.ps.bam.de/Ee65/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee65/10L/L65E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.751** **u^*_d = *c50v***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c50v* u^*_e = *g98b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

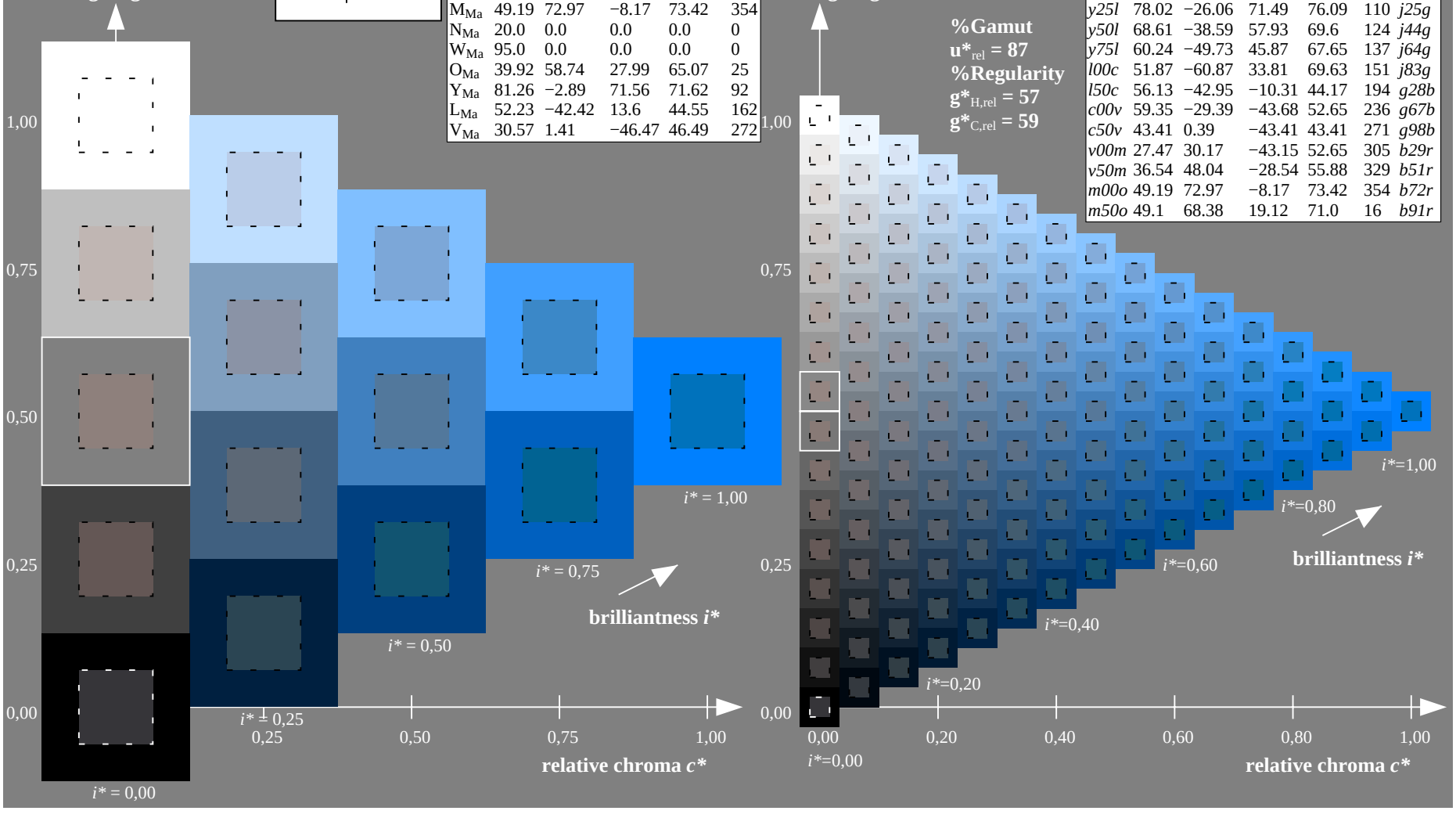
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 43 0 −43**
LAB*LCH*$_{Ma}$**: 43 43 270**
lab*olv*$_{Ma}$**: 0.0 0.5 1.0**
lab*rgb*$_{Ma}$**: 0.0 0.02 1.0**
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

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

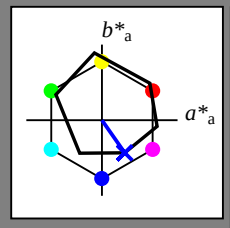


See for similar files: http://www.ps.bam.de/Ee65/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee65/10L/L65E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.847** **u^*_d = *v00m***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *v00m* u^*_e = *b29r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

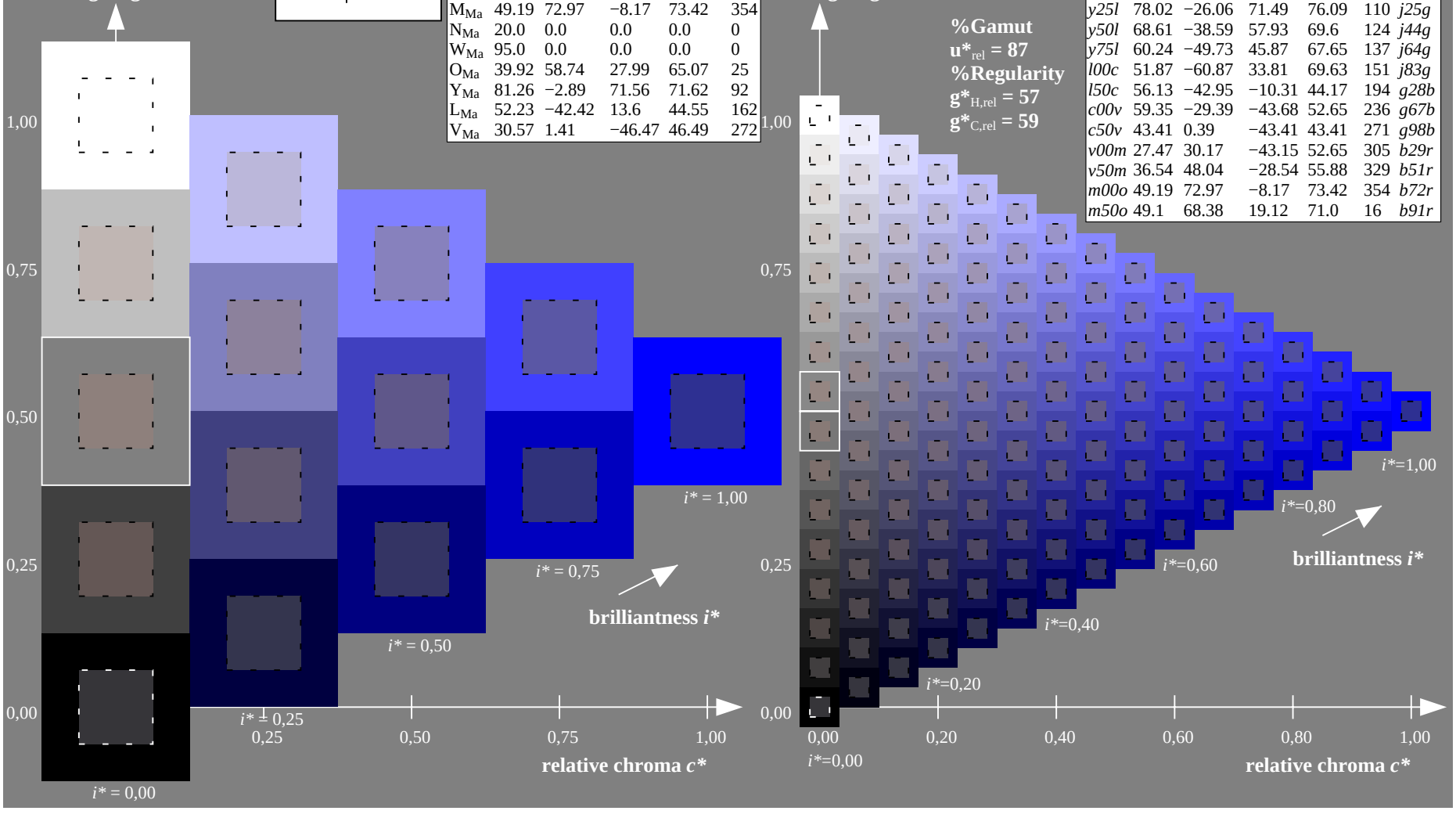
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 27 30 −43**
LAB*LCH*$_{Ma}$**: 27 53 304**
lab*olv*$_{Ma}$**: 0.0 0.0 1.0**
lab*rgb*$_{Ma}$**: 0.58 0.0 1.0**
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

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

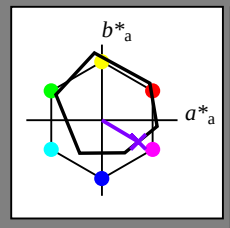


See for similar files: http://www.ps.bam.de/Ee65/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee65/10L/L65E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.915** **u^*_d = *v50m***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *v50m* u^*_e = *b51r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

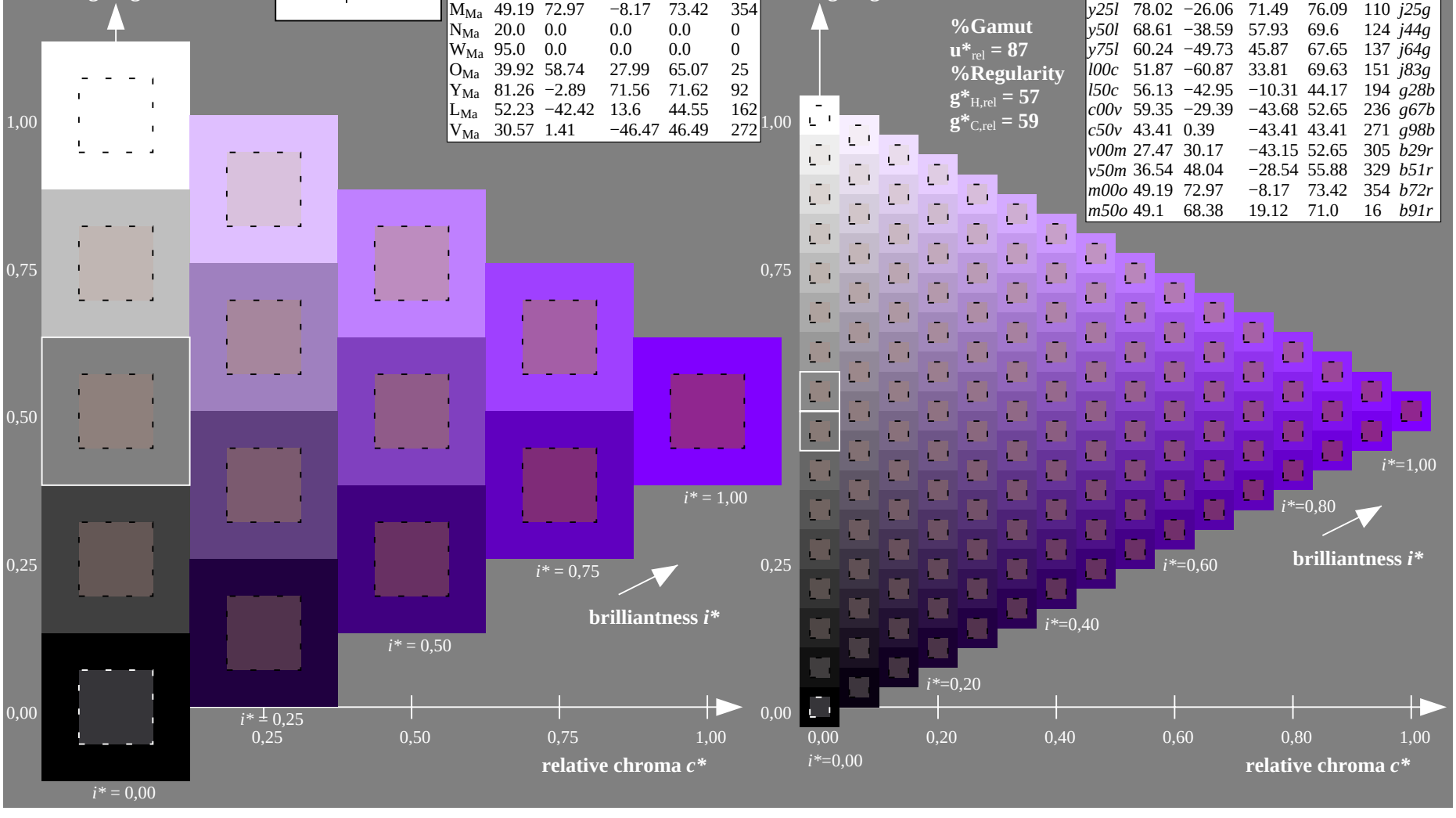
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$: 37 48 −29
LAB*LCH*$_{Ma}$: 37 56 329
lab*olv*$_{Ma}$: 0.5 0.0 1.0
lab*rgb*$_{Ma}$: 1.0 0.0 0.99
triangle lightness *t**

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

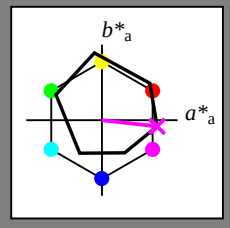
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.982** **u^*_d = *m00o***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *m00o* u^*_e = *b72r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

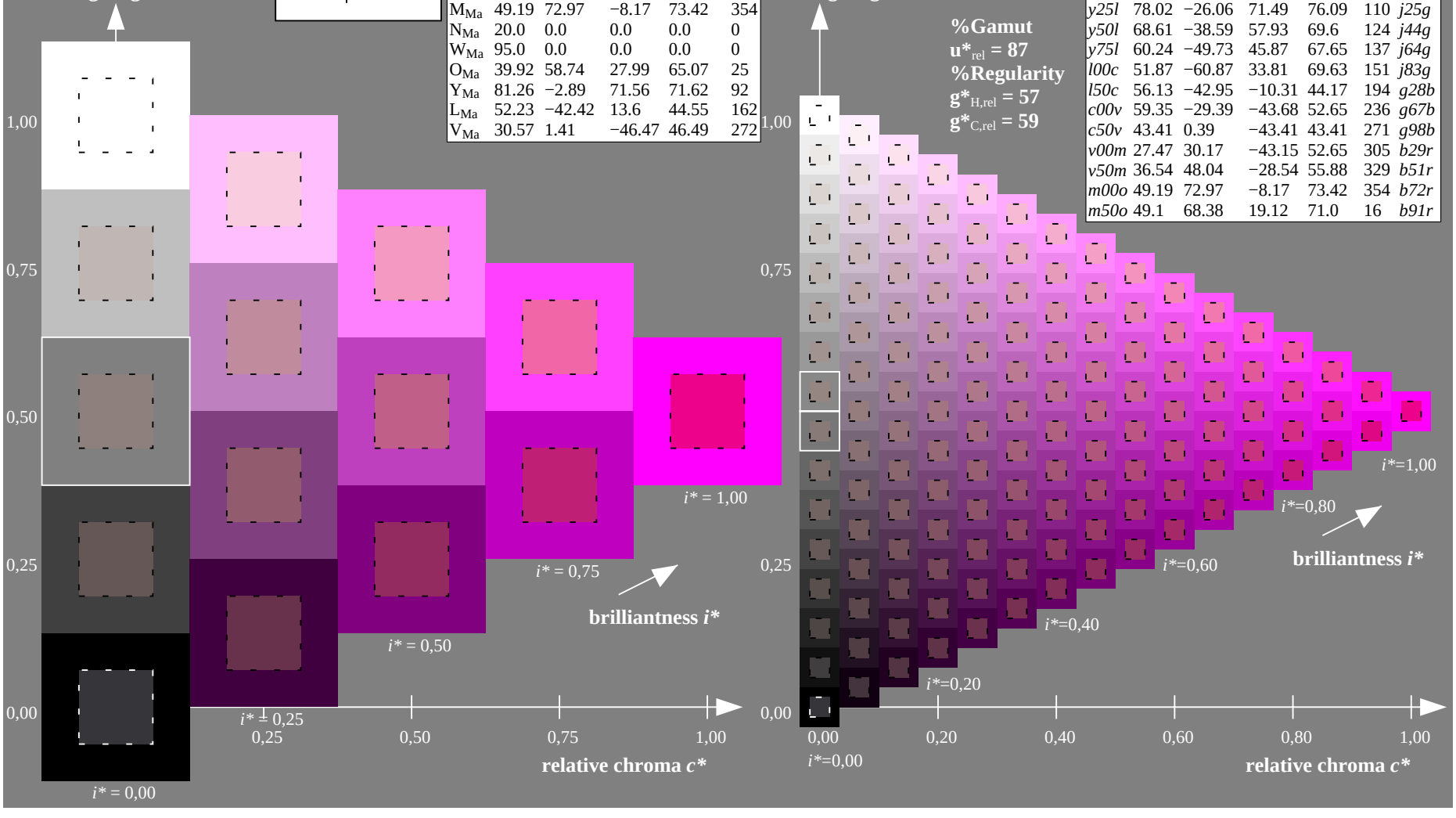
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 49 73 −8**
LAB*LCH*$_{Ma}$**: 49 73 353**
lab*olv*$_{Ma}$**: 1.0 0.0 1.0**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.56**
triangle lightness *t**

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

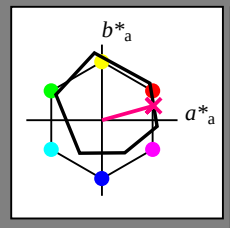
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.043** **u^*_d = *m50o***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *m50o* u^*_e = *b91r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

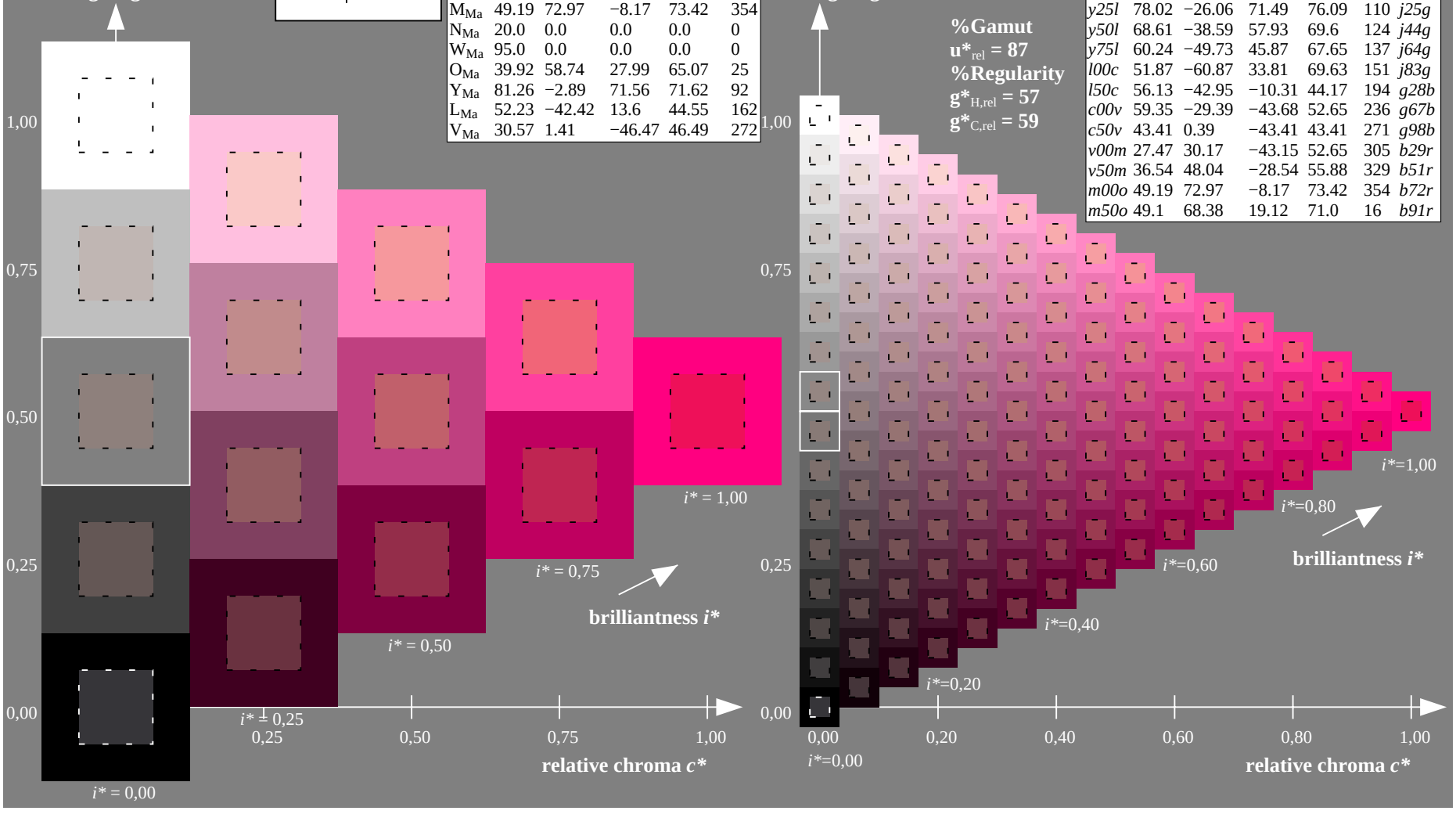
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

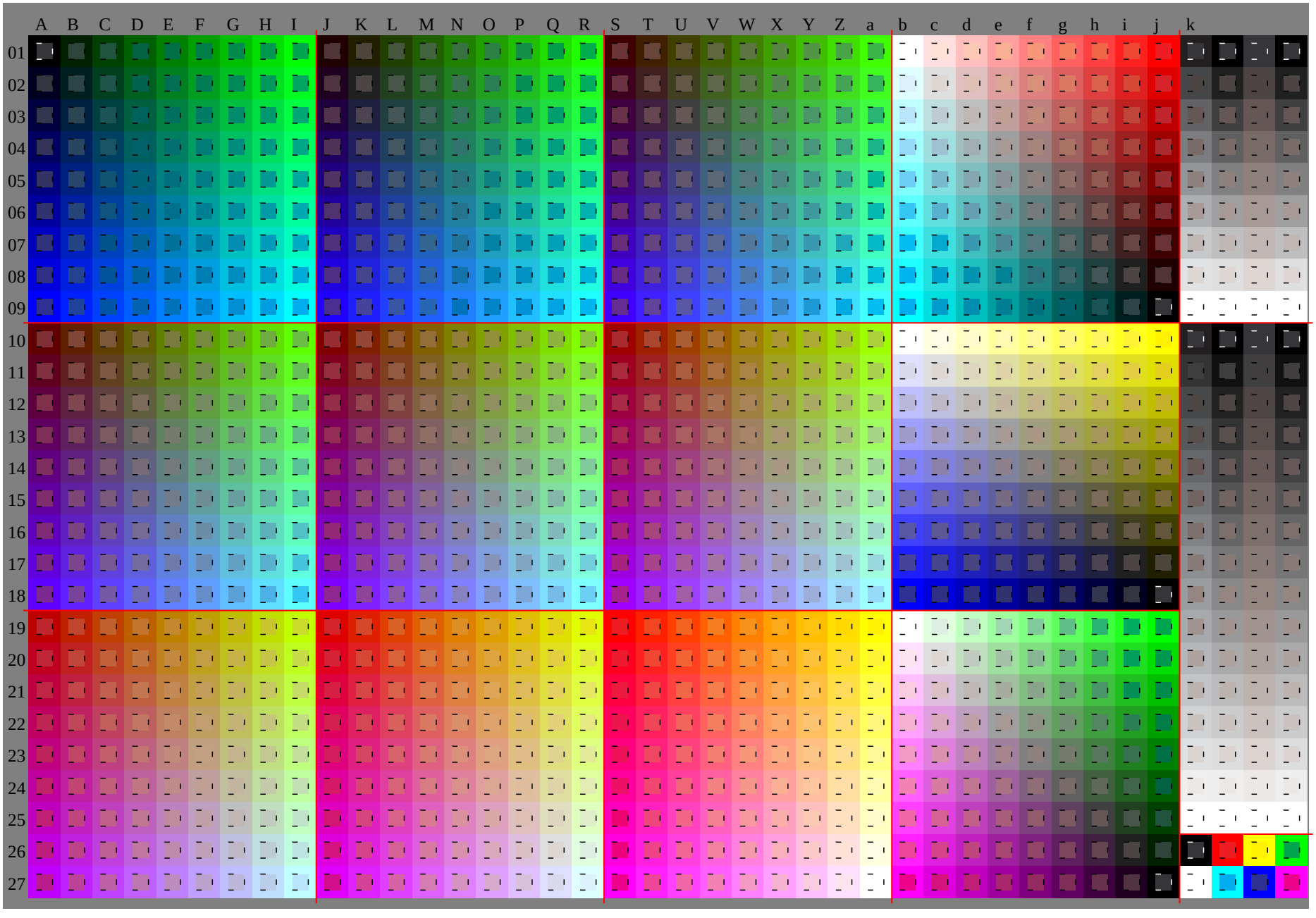
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 49 68 19**
LAB*LCH*$_{Ma}$**: 49 71 15**
lab*olv*$_{Ma}$**: 1.0 0.0 0.5**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.17**
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

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

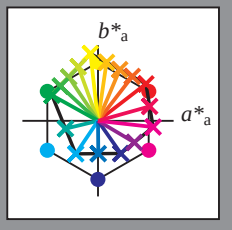




Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 0.97

ORS18_95aM; adapted (a) CIELAB data

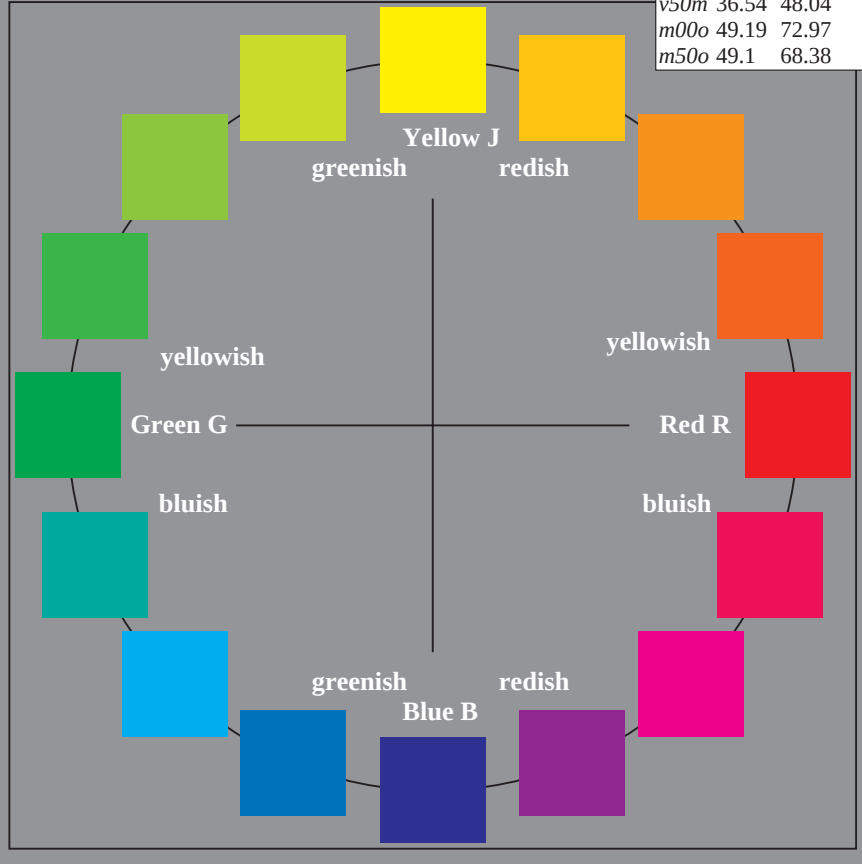
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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

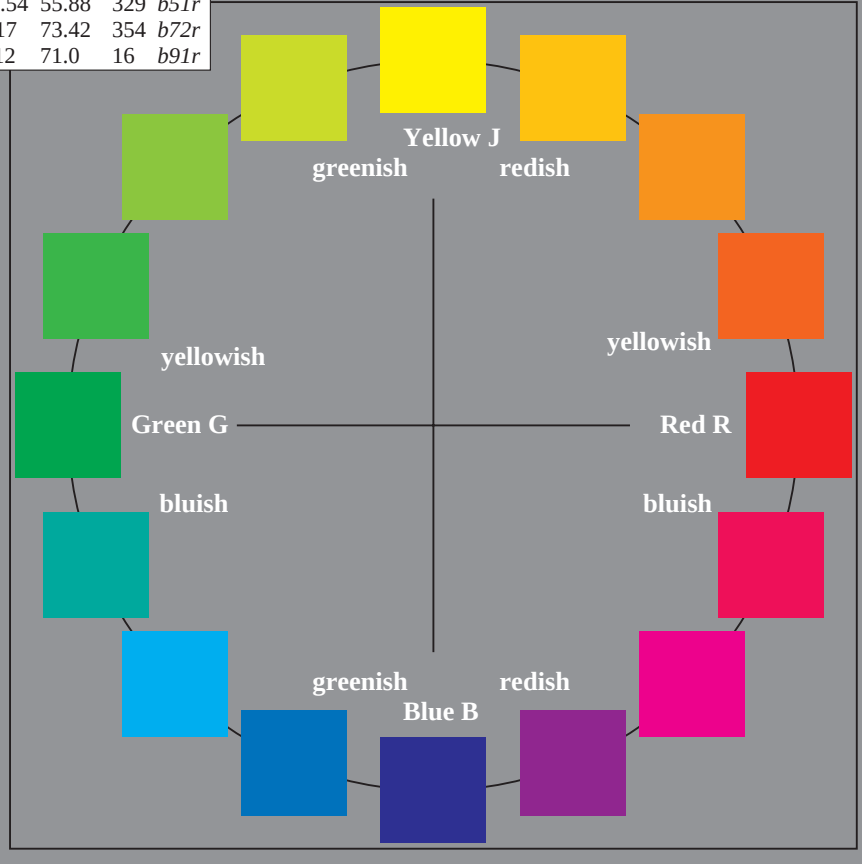


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

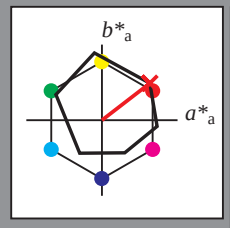
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.105** **u^*_d = *o00y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o00y* u^*_e = *r18j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

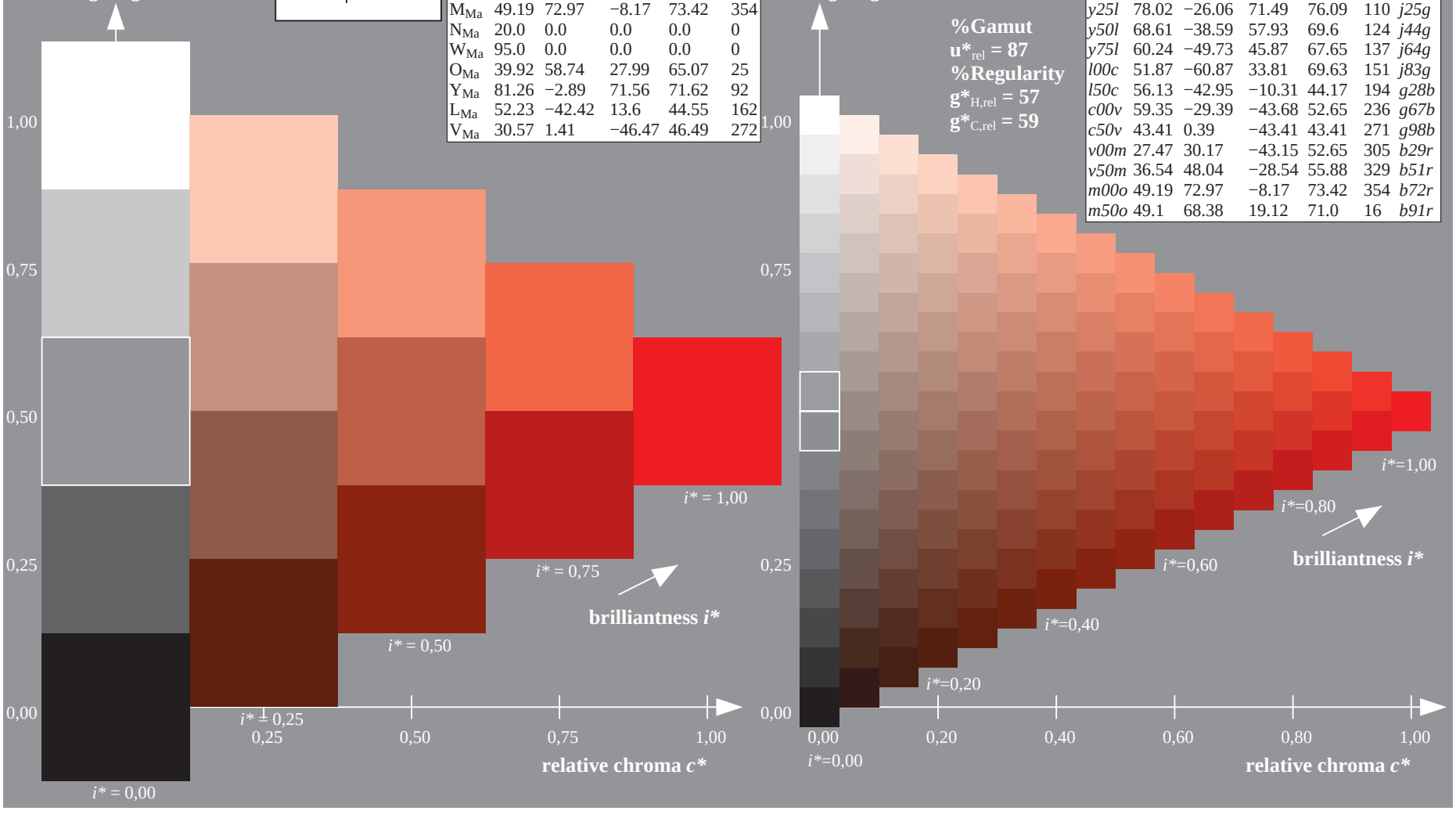
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 49 63 49**
LAB*LCH*$_{Ma}$**: 49 80 37**
lab*olv*$_{Ma}$**: 1.0 0.0 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.18 0.0**
triangle lightness *t**

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

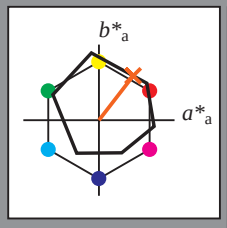
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.145** **u^*_d = *o25y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o25y* u^*_e = *r40j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

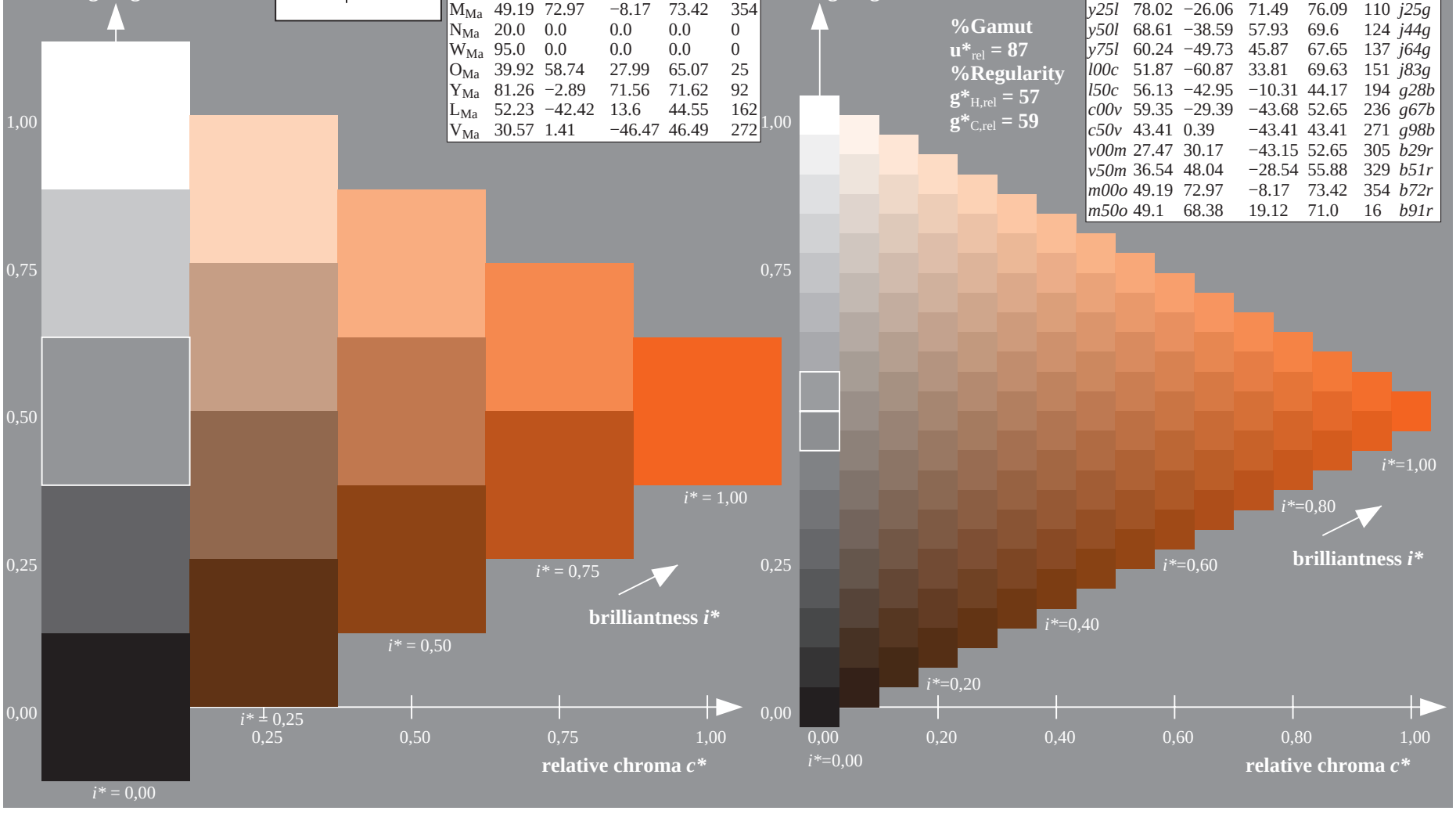
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 59 45 59**
LAB*LCH*$_{Ma}$**: 59 74 52**
lab*olv*$_{Ma}$**: 1.0 0.25 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.4 0.0**
triangle lightness *t**

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

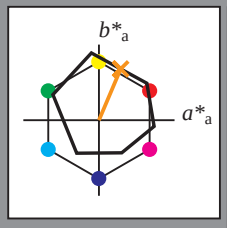
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.186** **u^*_d = *o50y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o50y* u^*_e = *r62j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

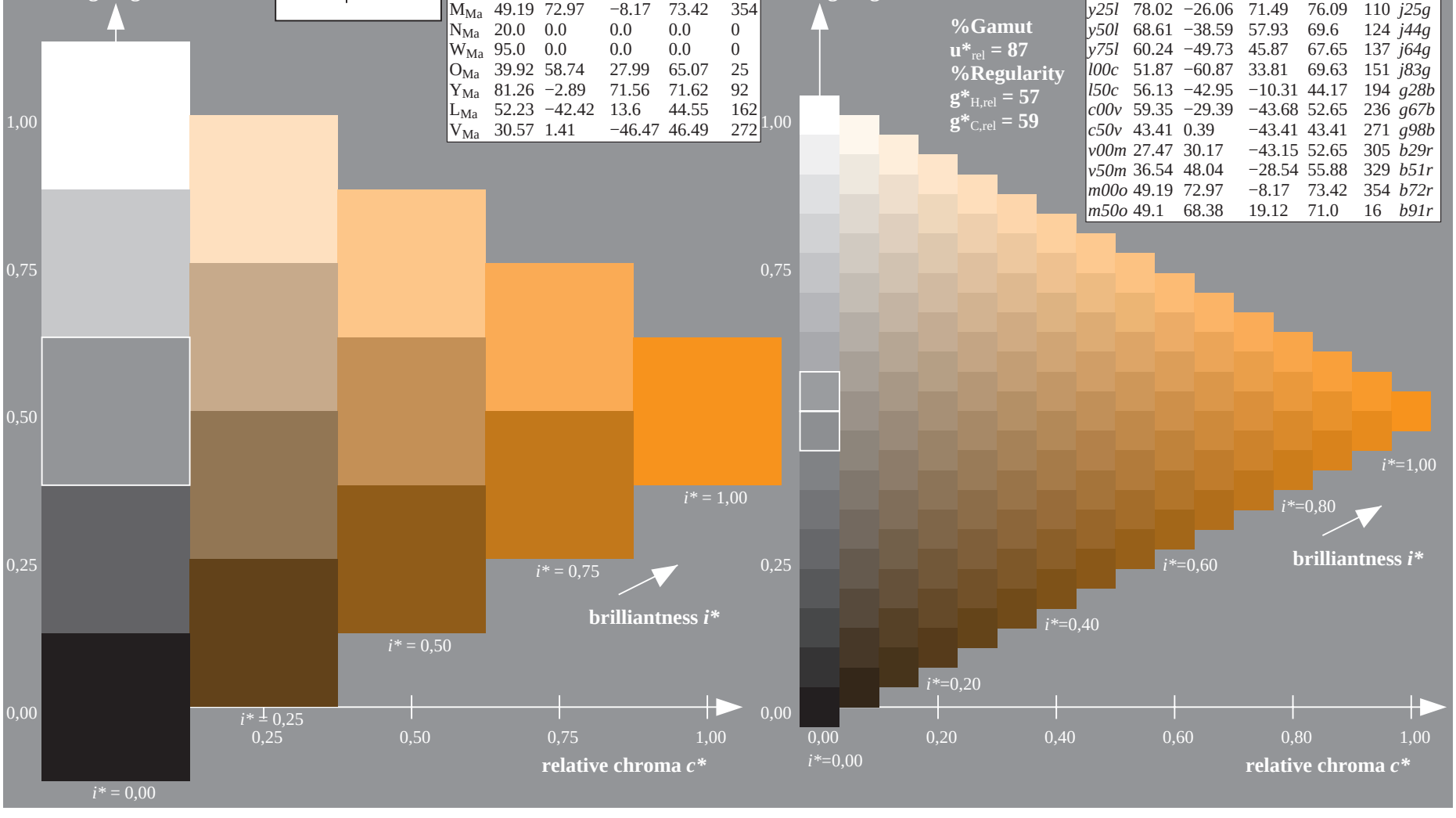
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 68 29 68**
LAB*LCH*$_{Ma}$**: 68 74 67**
lab*olv*$_{Ma}$**: 1.0 0.5 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.62 0.0**
triangle lightness *t**

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

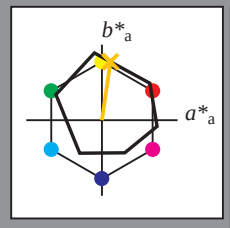
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.227** **u^*_d = *o75y***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o75y* u^*_e = *r83j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

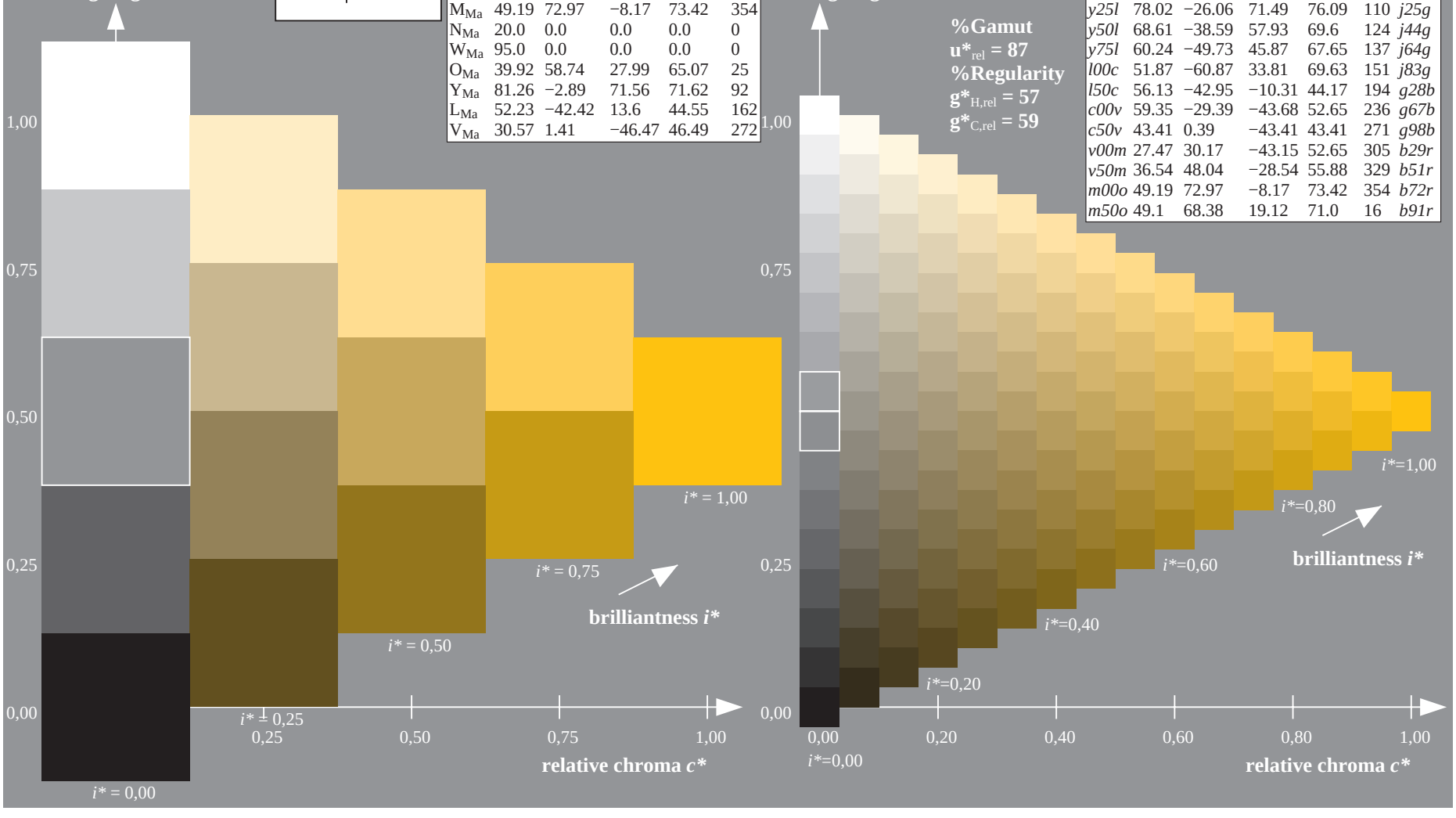
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 78 11 77**
LAB*LCH*$_{Ma}$**: 78 78 81**
lab*olv*$_{Ma}$**: 1.0 0.75 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.84 0.0**
triangle lightness *t**

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

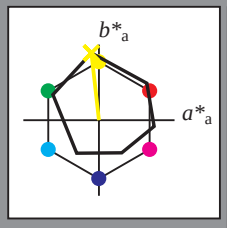
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.268** **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 = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

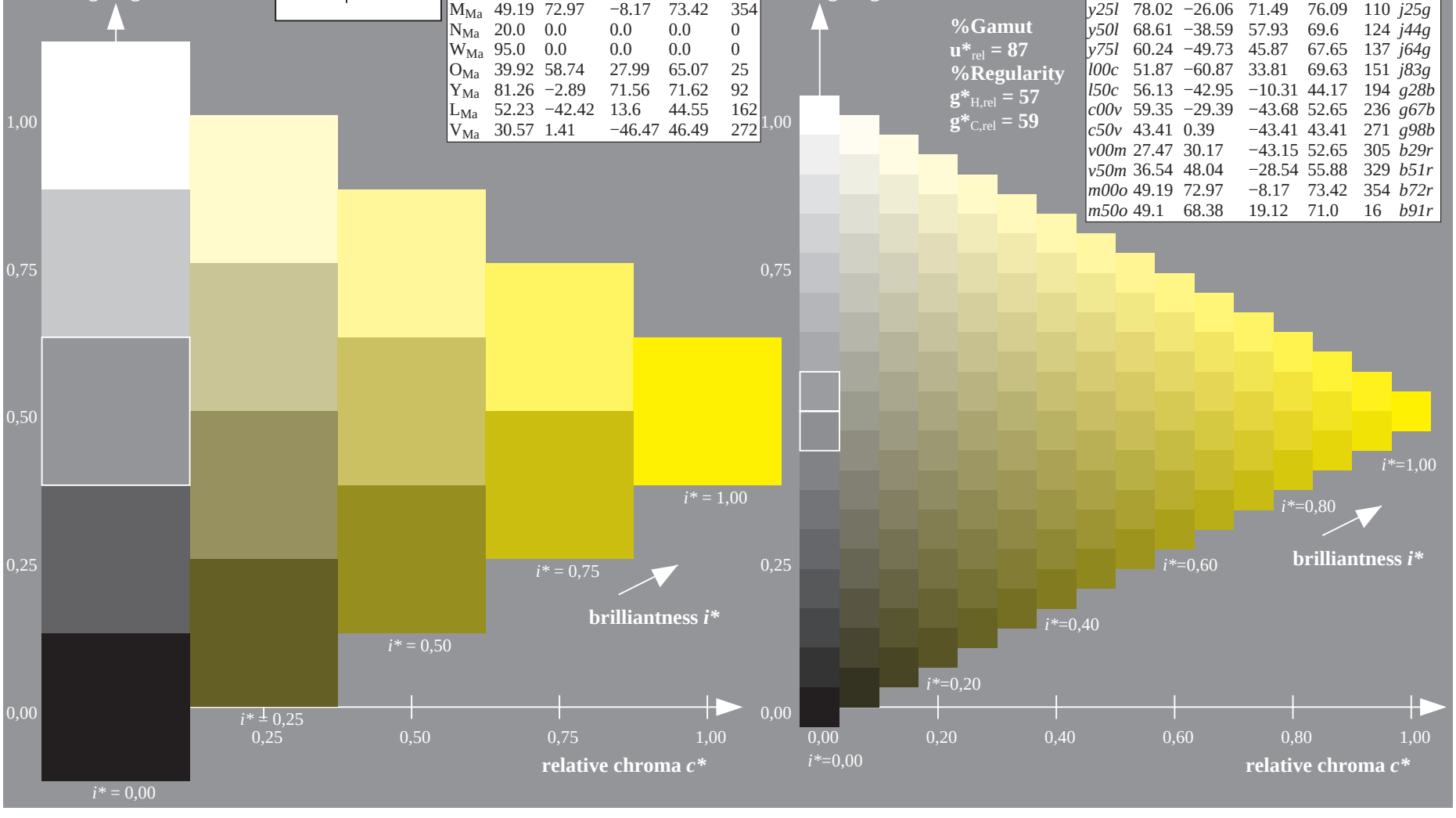
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 90 −10 89**
LAB*LCH*$_{Ma}$**: 90 89 96**
lab*olv*$_{Ma}$**: 1.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.94 1.0 0.0**
triangle lightness *t**

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

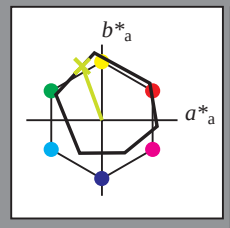
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.306** **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 = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

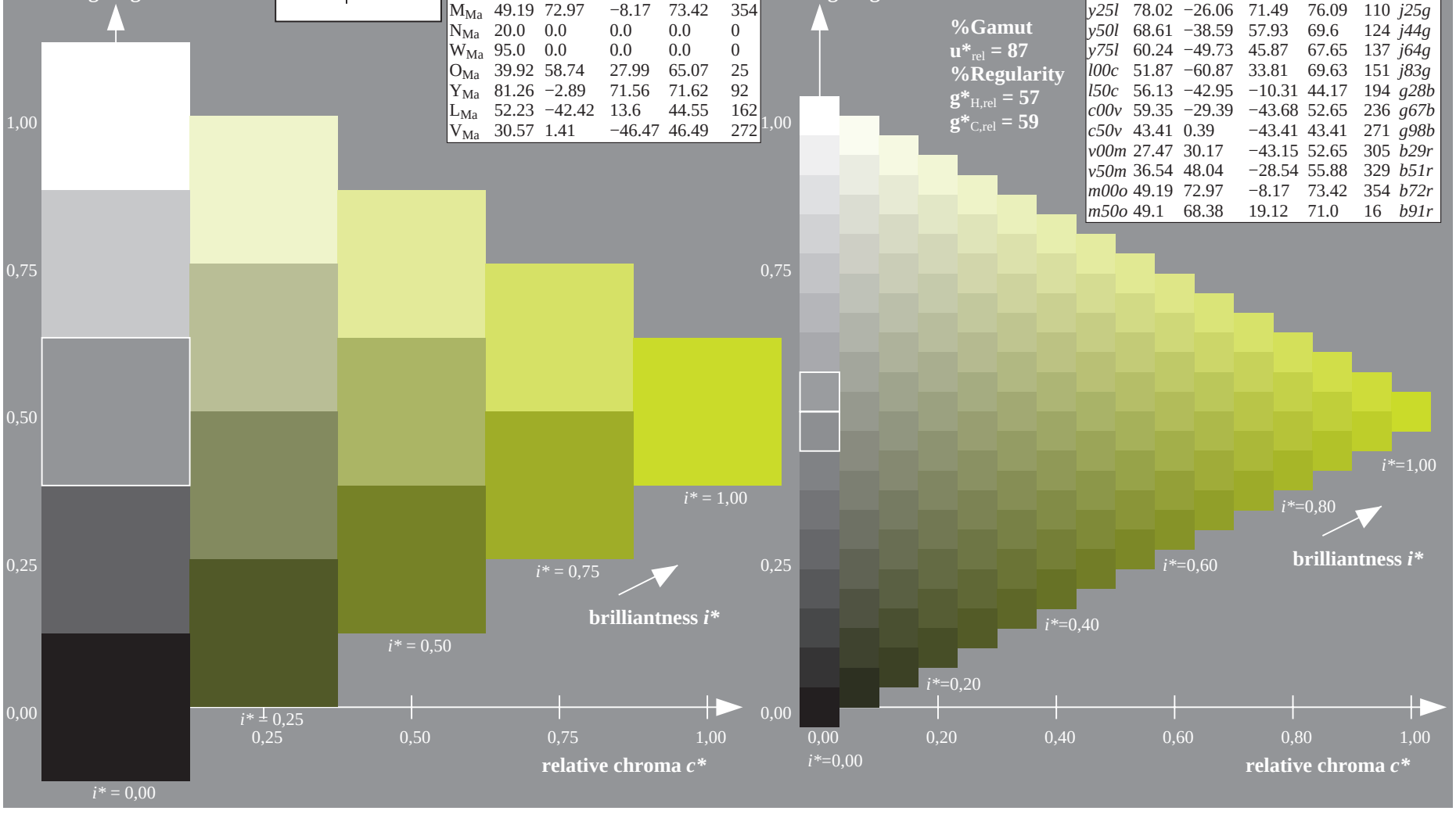
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 78 −26 71**
LAB*LCH*$_{Ma}$**: 78 76 110**
lab*olv*$_{Ma}$**: 0.75 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.75 1.0 0.0**
triangle lightness *t**

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

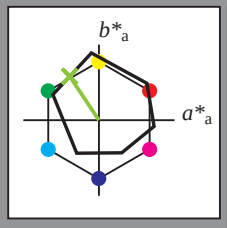
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.344** **$u^*_d = y50l$**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *y50l* u^*_e = *j44g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

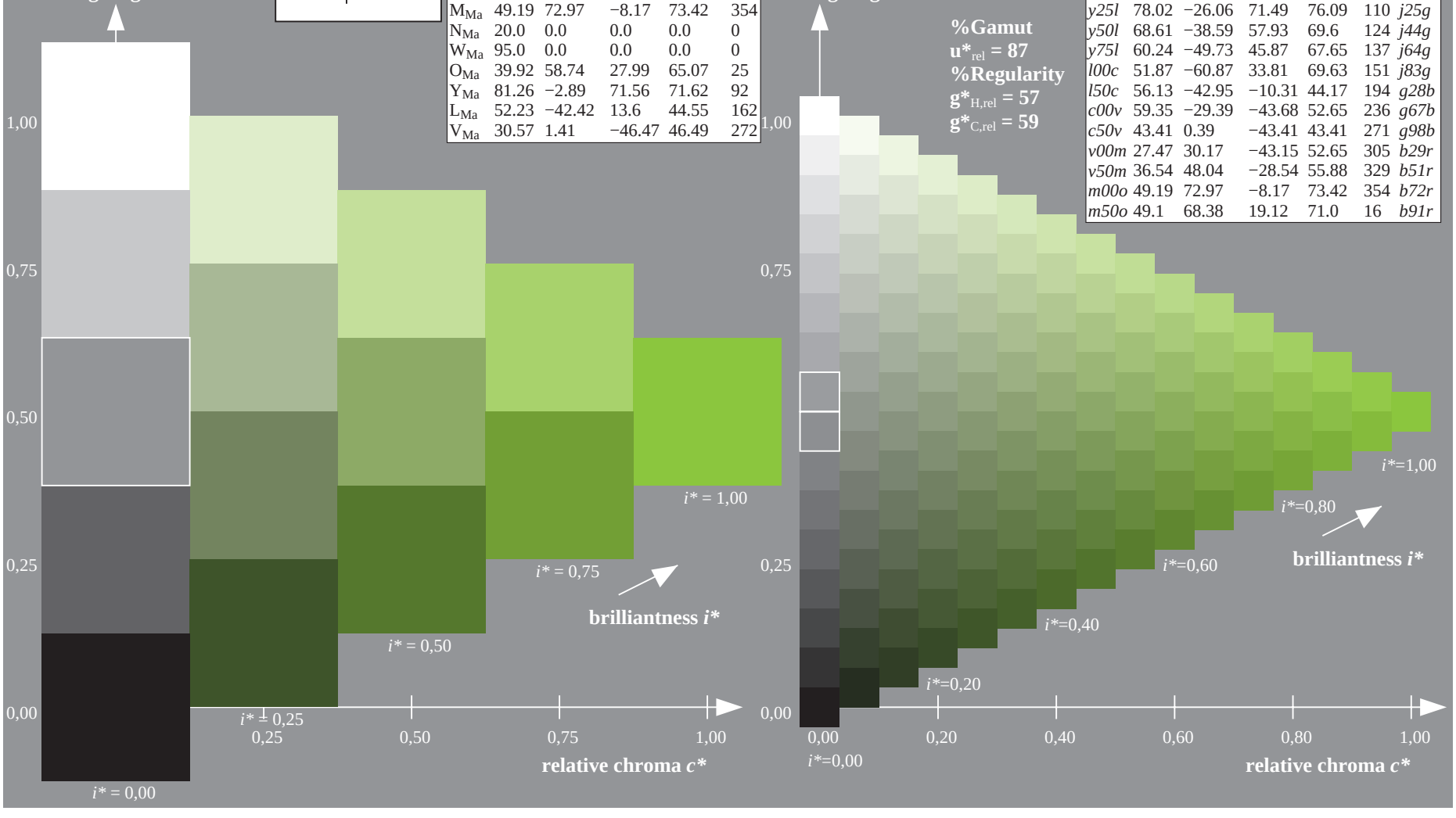
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 69 −39 58**
LAB*LCH*$_{Ma}$**: 69 70 123**
lab*olv*$_{Ma}$**: 0.5 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.55 1.0 0.0**
triangle lightness *t**

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

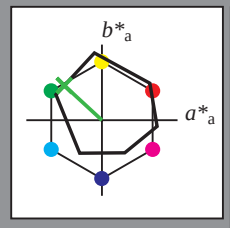
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.381** **$u^*_d = y75l$**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *y75l* u^*_e = *j64g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

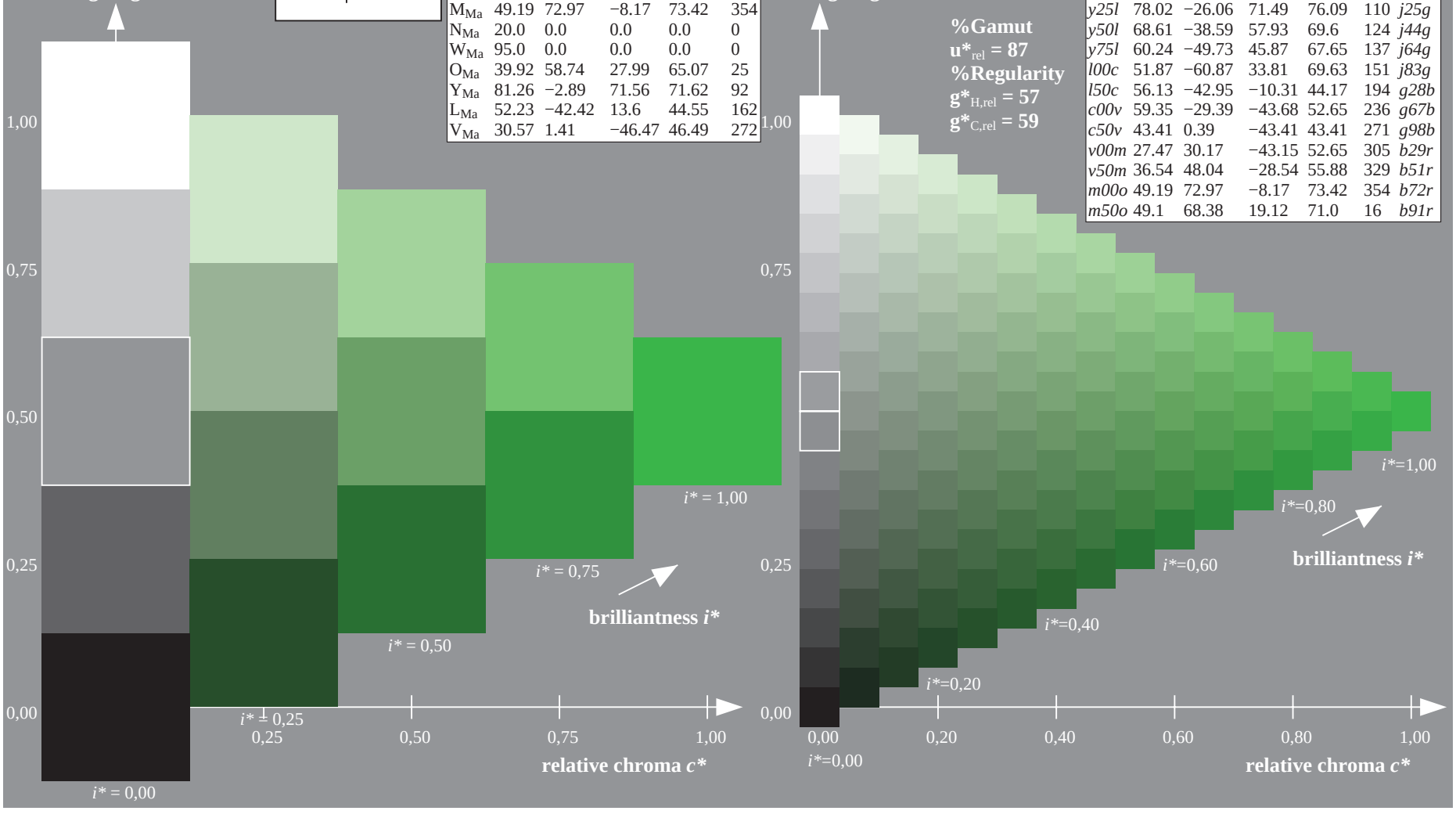
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 60 −50 46**
LAB*LCH*$_{Ma}$**: 60 68 137**
lab*olv*$_{Ma}$**: 0.25 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.36 1.0 0.0**
triangle lightness *t**

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

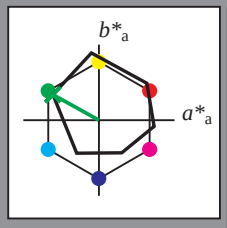
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.419** **u^*_d = *l00c***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *l00c* u^*_e = *j83g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

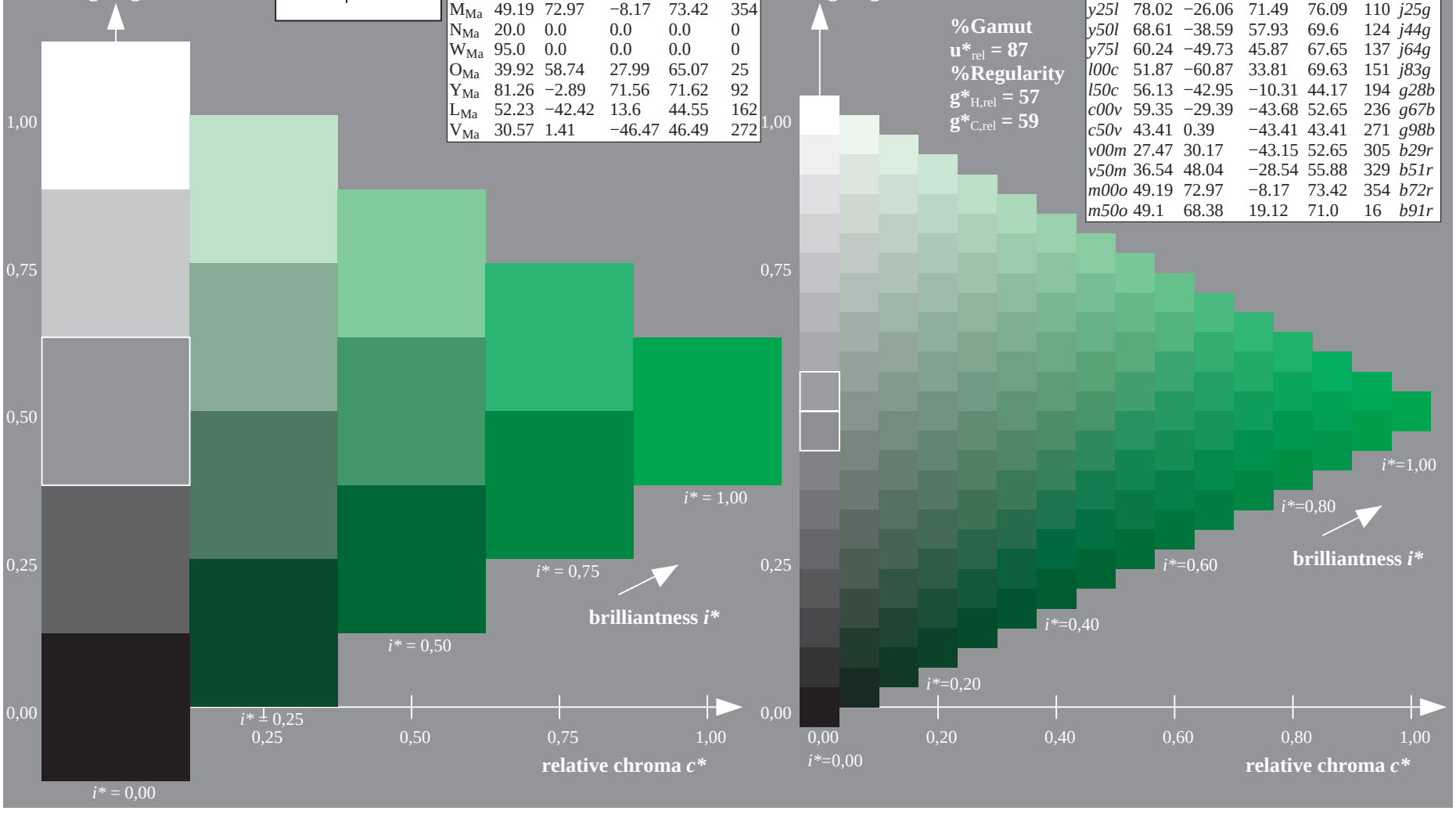
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 52 −61 34**
LAB*LCH*$_{Ma}$**: 52 70 150**
lab*olv*$_{Ma}$**: 0.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.16 1.0 0.0**
triangle lightness *t**

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

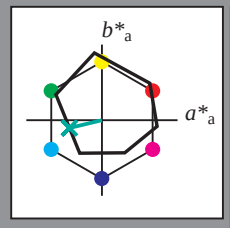
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.538** **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 = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

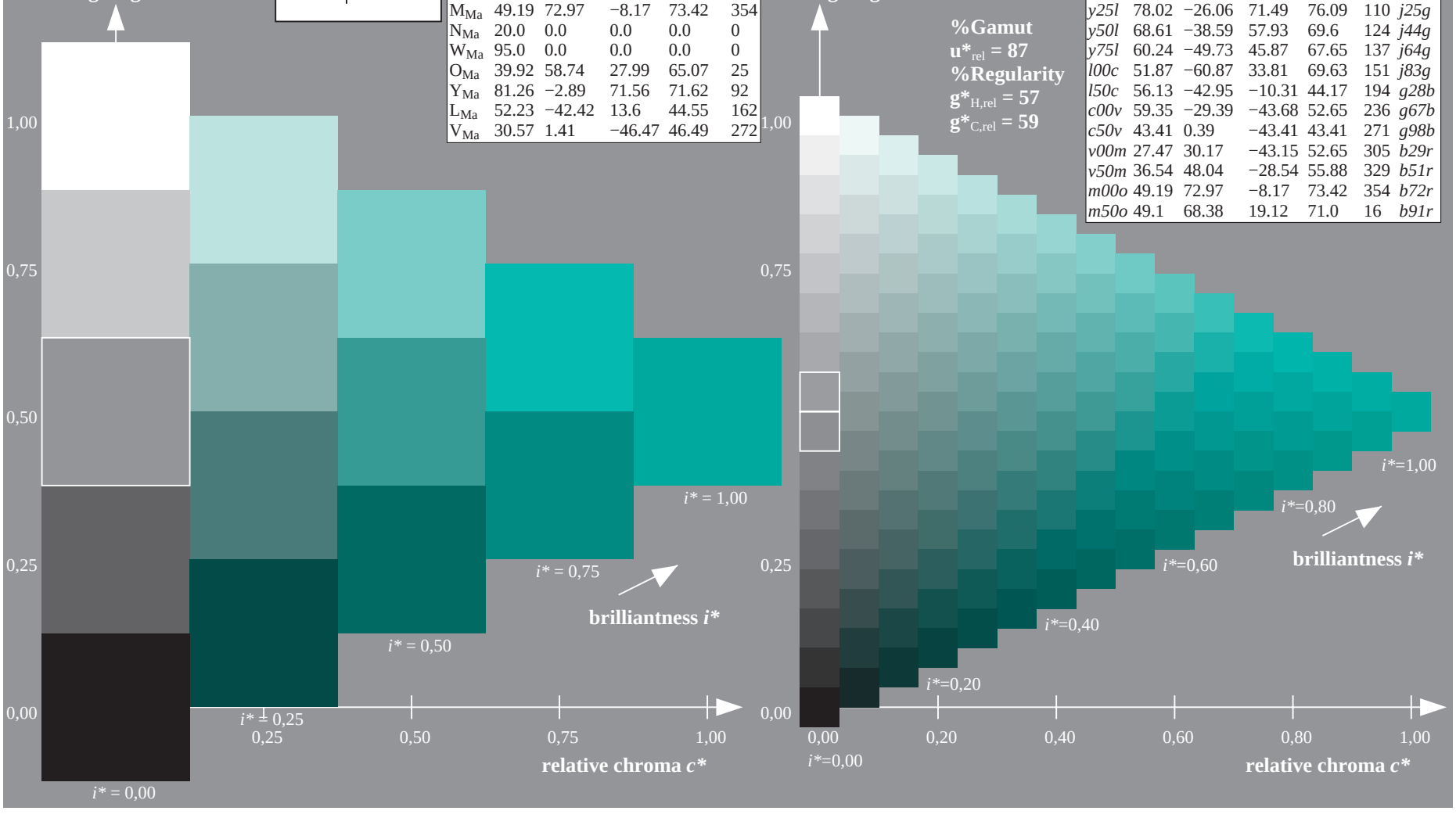
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 56 −43 −10**
LAB*LCH*$_{Ma}$**: 56 44 193**
lab*olv*$_{Ma}$**: 0.0 1.0 0.5**
lab*rgb*$_{Ma}$**: 0.0 1.0 0.57**
triangle lightness *t**

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

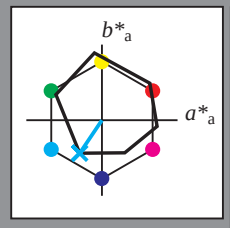
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.656** **u^*_d = *c00v***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c00v* u^*_e = *g67b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

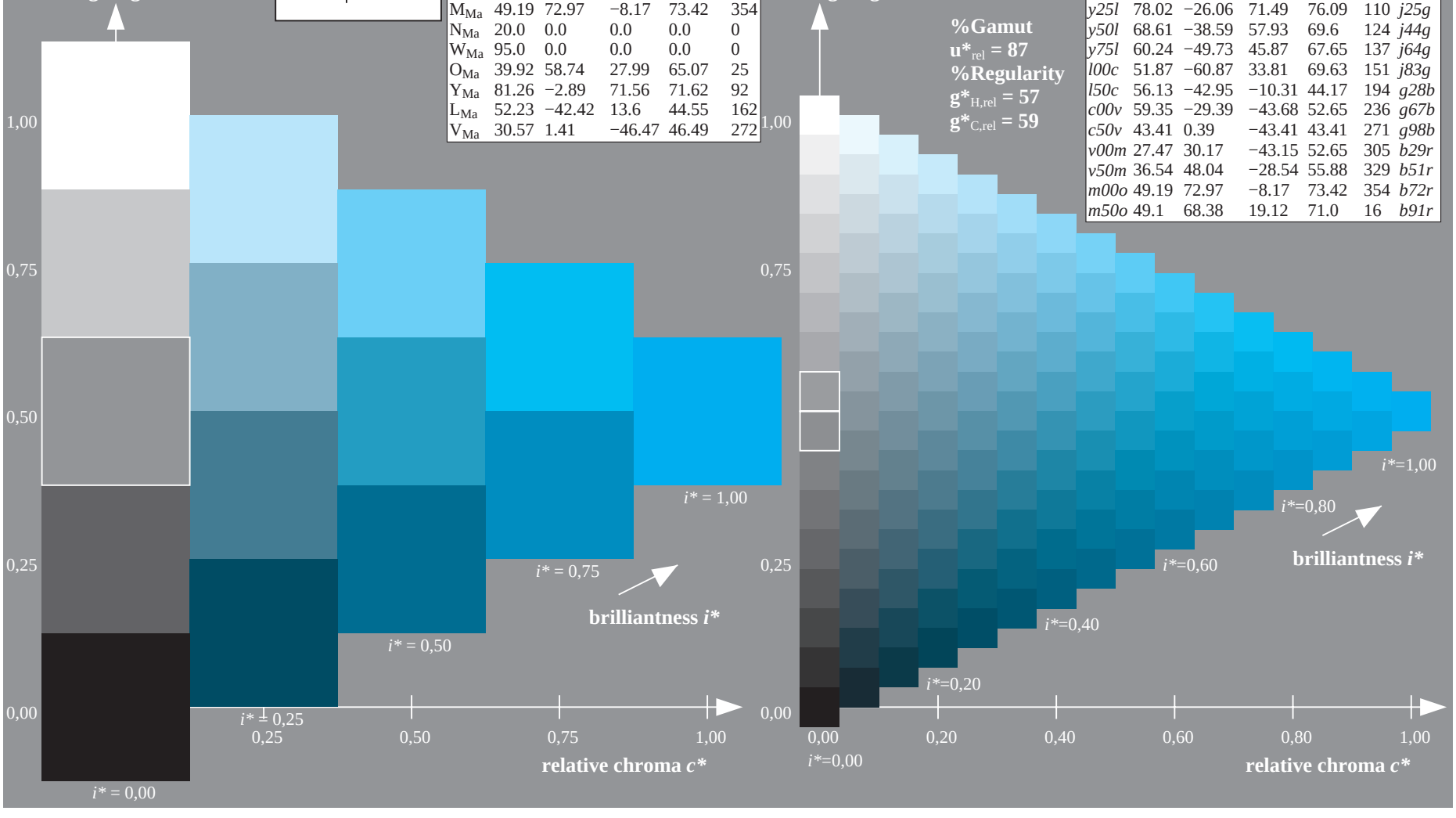
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 59 −29 −44**
LAB*LCH*$_{Ma}$**: 59 53 236**
lab*olv*$_{Ma}$**: 0.0 1.0 1.0**
lab*rgb*$_{Ma}$**: 0.0 0.65 1.0**
triangle lightness *t**

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

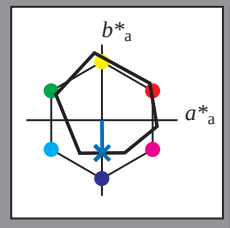
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.751** **u^*_d = *c50v***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c50v* u^*_e = *g98b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

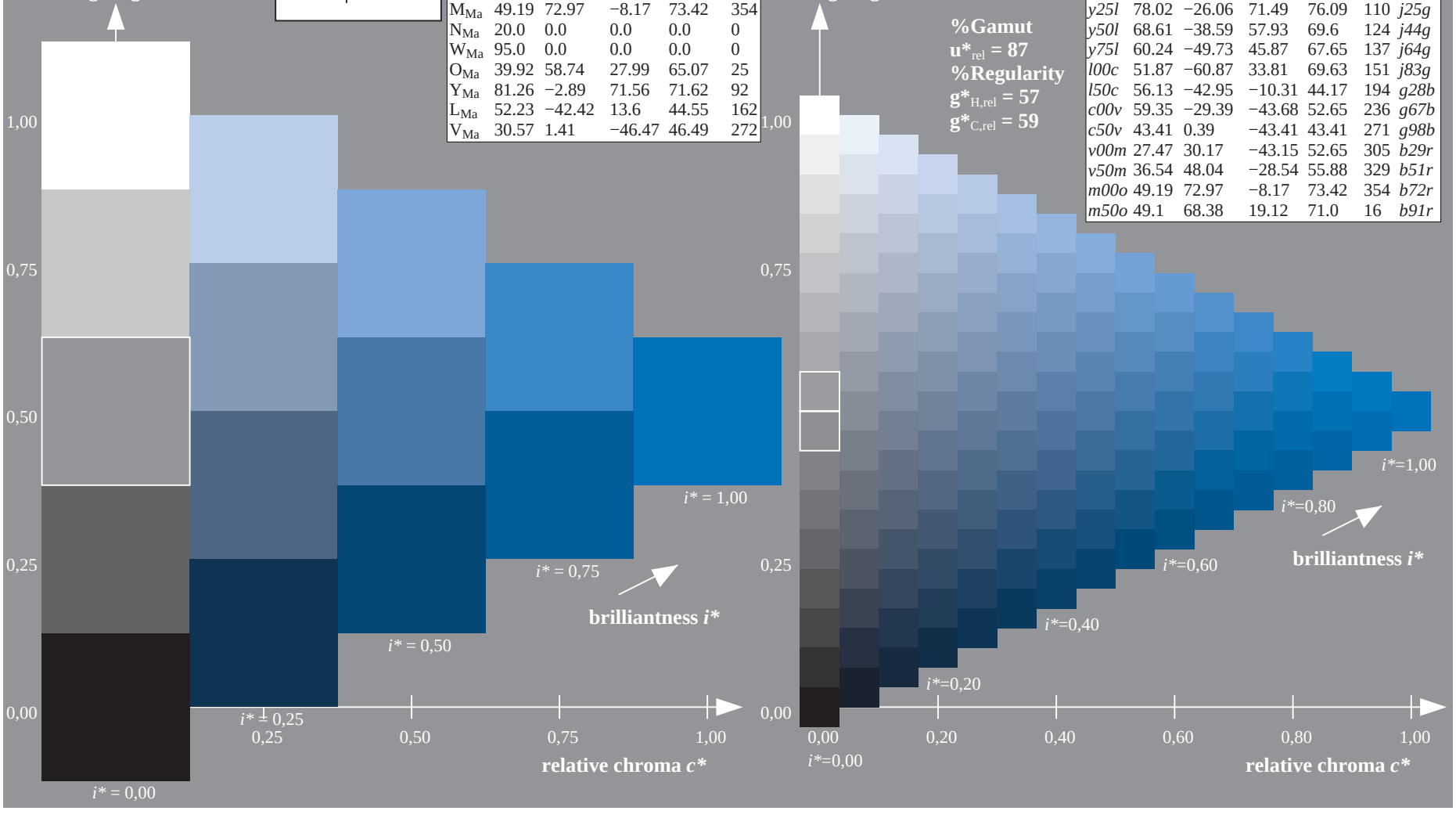
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 43 0 −43**
LAB*LCH*$_{Ma}$**: 43 43 270**
lab*olv*$_{Ma}$**: 0.0 0.5 1.0**
lab*rgb*$_{Ma}$**: 0.0 0.02 1.0**
triangle lightness *t**

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

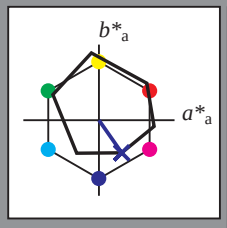
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.847** **u^*_d = *v00m***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *v00m* u^*_e = *b29r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

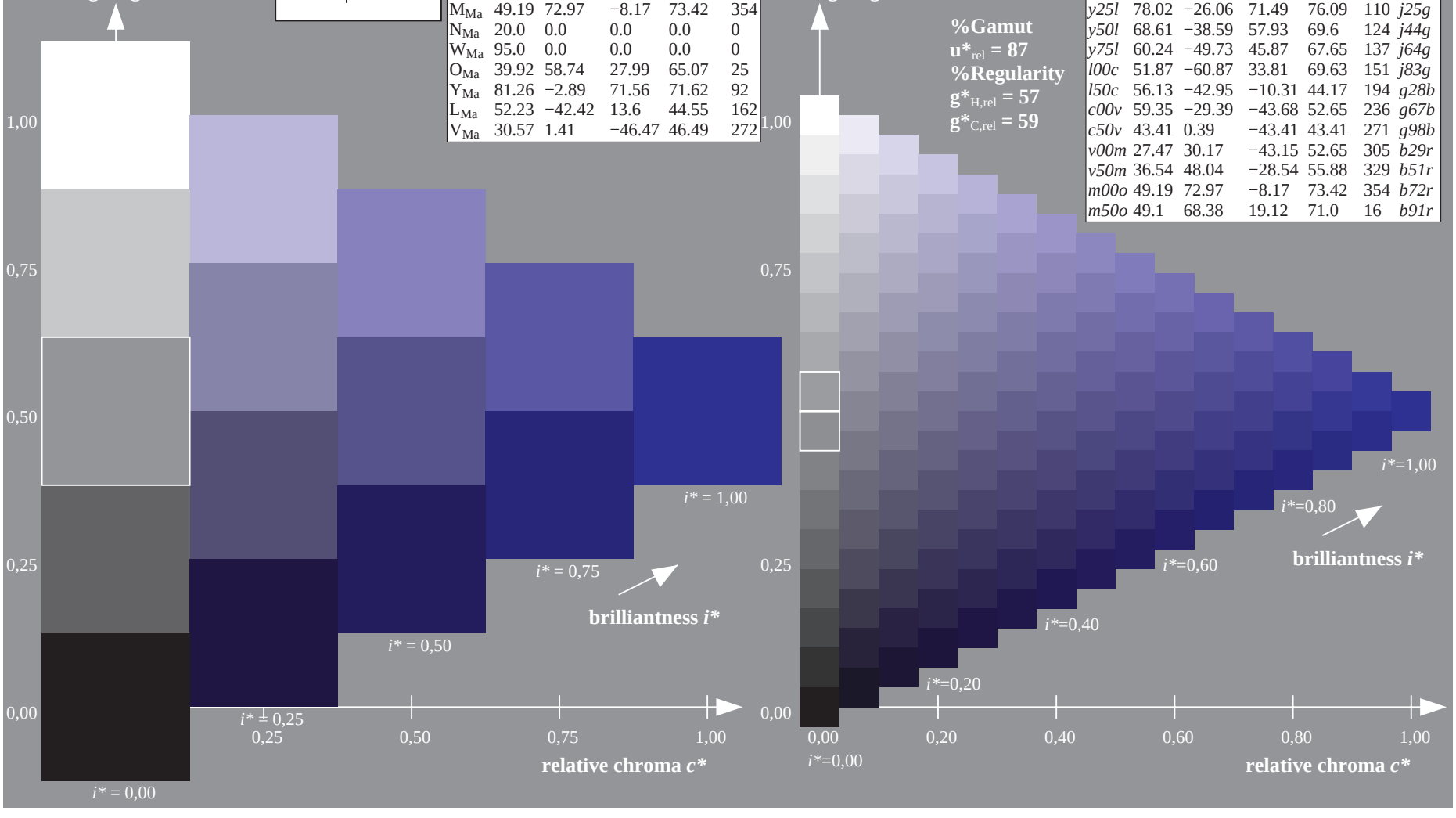
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 27 30 −43**
LAB*LCH*$_{Ma}$**: 27 53 304**
lab*olv*$_{Ma}$**: 0.0 0.0 1.0**
lab*rgb*$_{Ma}$**: 0.58 0.0 1.0**
triangle lightness *t**

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

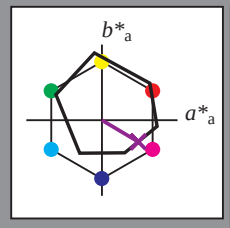
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.915** **u^*_d = *v50m***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *v50m* u^*_e = *b51r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

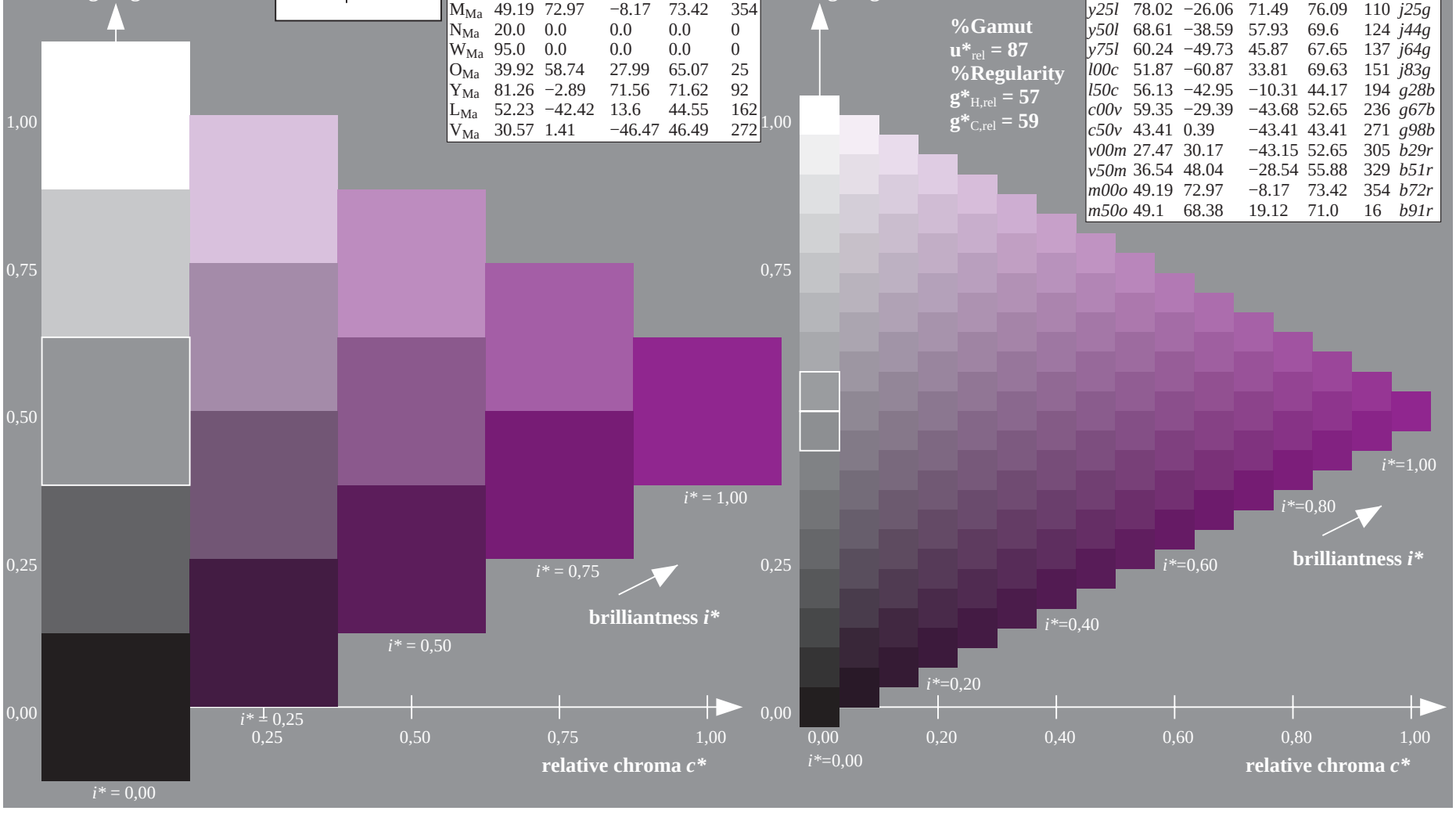
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 37 48 −29**
LAB*LCH*$_{Ma}$**: 37 56 329**
lab*olv*$_{Ma}$**: 0.5 0.0 1.0**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.99**
triangle lightness *t**

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

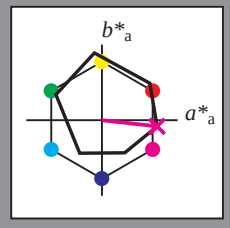
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.982** **u^*_d = *m00o***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *m00o* u^*_e = *b72r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

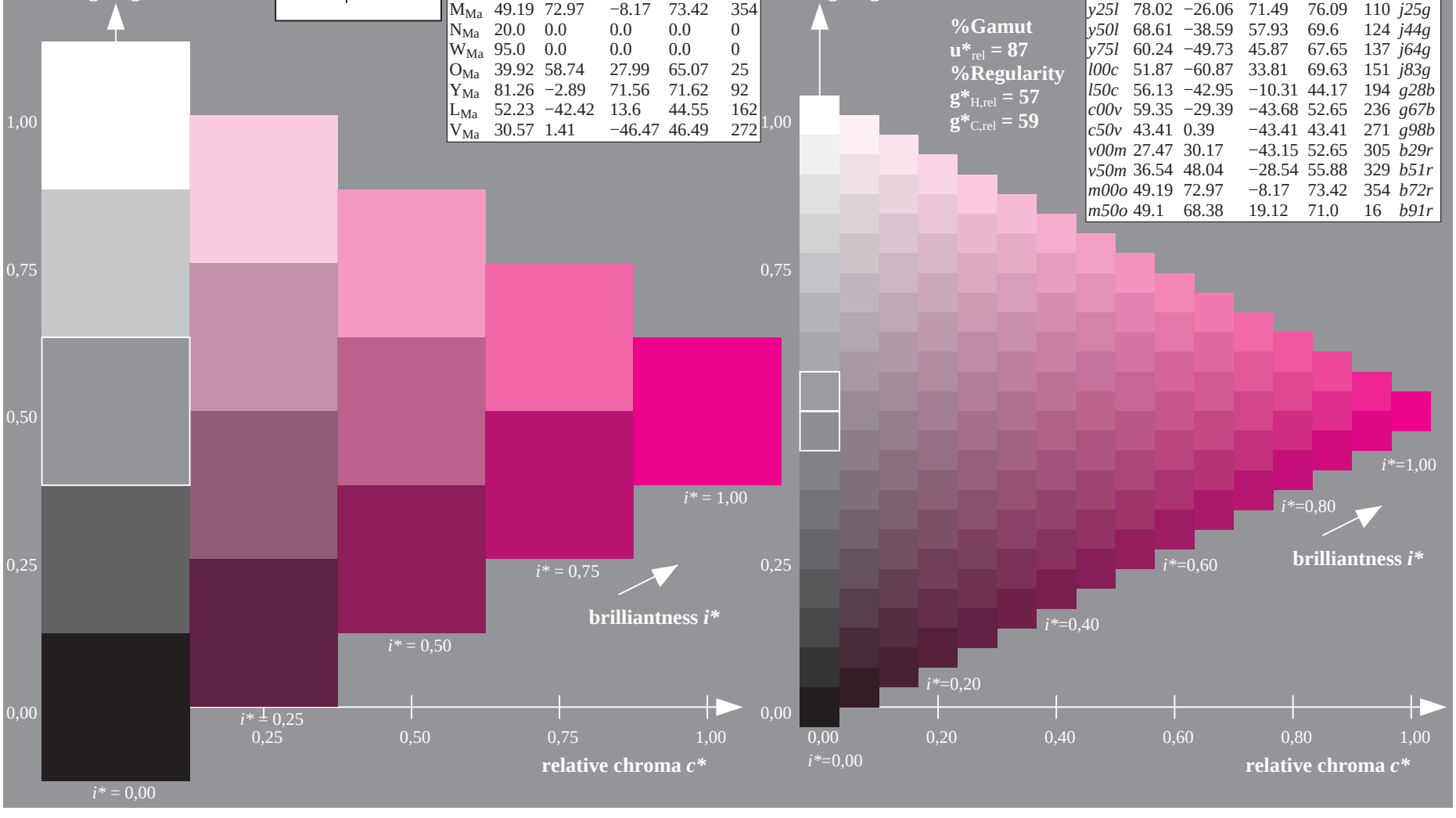
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 49 73 −8**
LAB*LCH*$_{Ma}$**: 49 73 353**
lab*olv*$_{Ma}$**: 1.0 0.0 1.0**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.56**
triangle lightness *t**

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

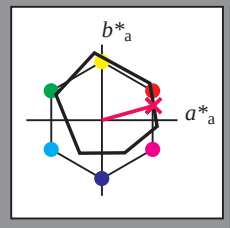
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.043** **u^*_d = *m50o***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *m50o* u^*_e = *b91r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

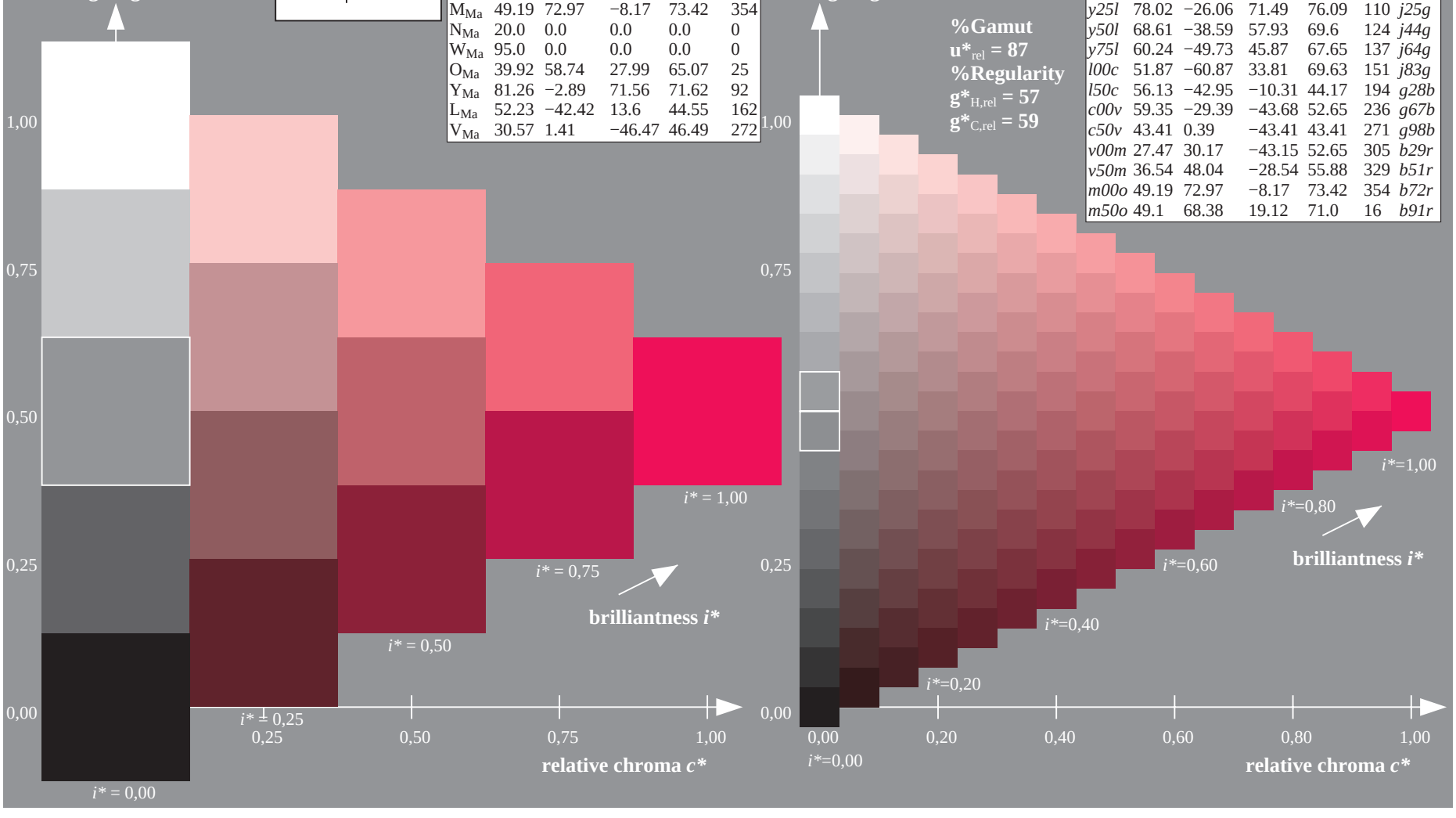
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

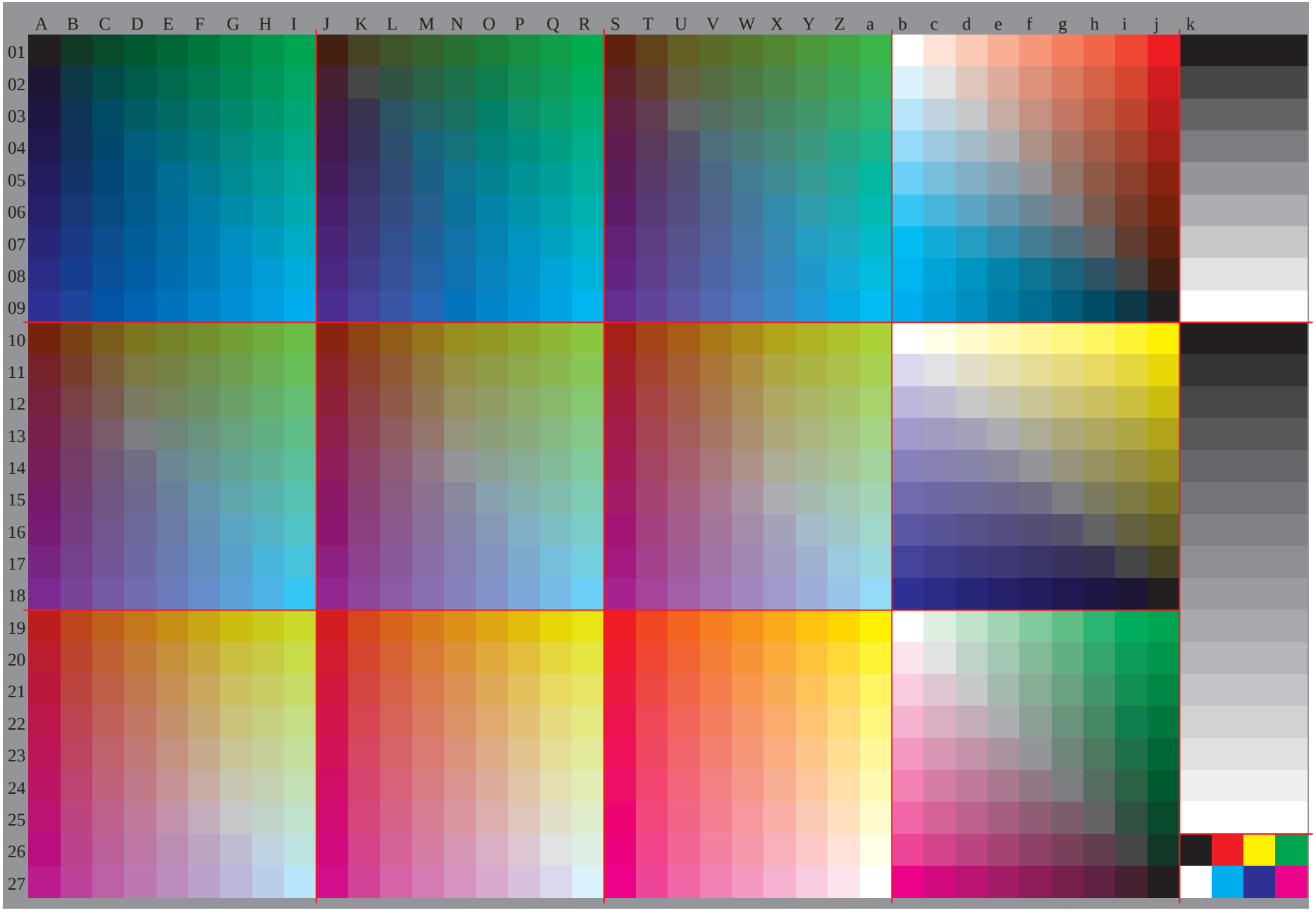
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 49 68 19**
LAB*LCH*$_{Ma}$**: 49 71 15**
lab*olv*$_{Ma}$**: 1.0 0.0 0.5**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.17**
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

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



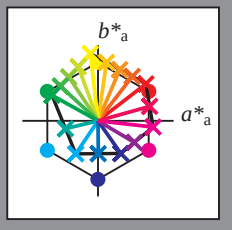


input: *000n / w / nnn0 / www set...*
output: *−>cmyn6* setcmykcolor*

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
***u**d* and number *no.* = 00 .. 15**
device hue text:
u**d* = 16 hues *o00y, o25y, ..., m50o
contrast reduction factor:
c_R = 0.97

ORS18_95aM; adapted (a) CIELAB data

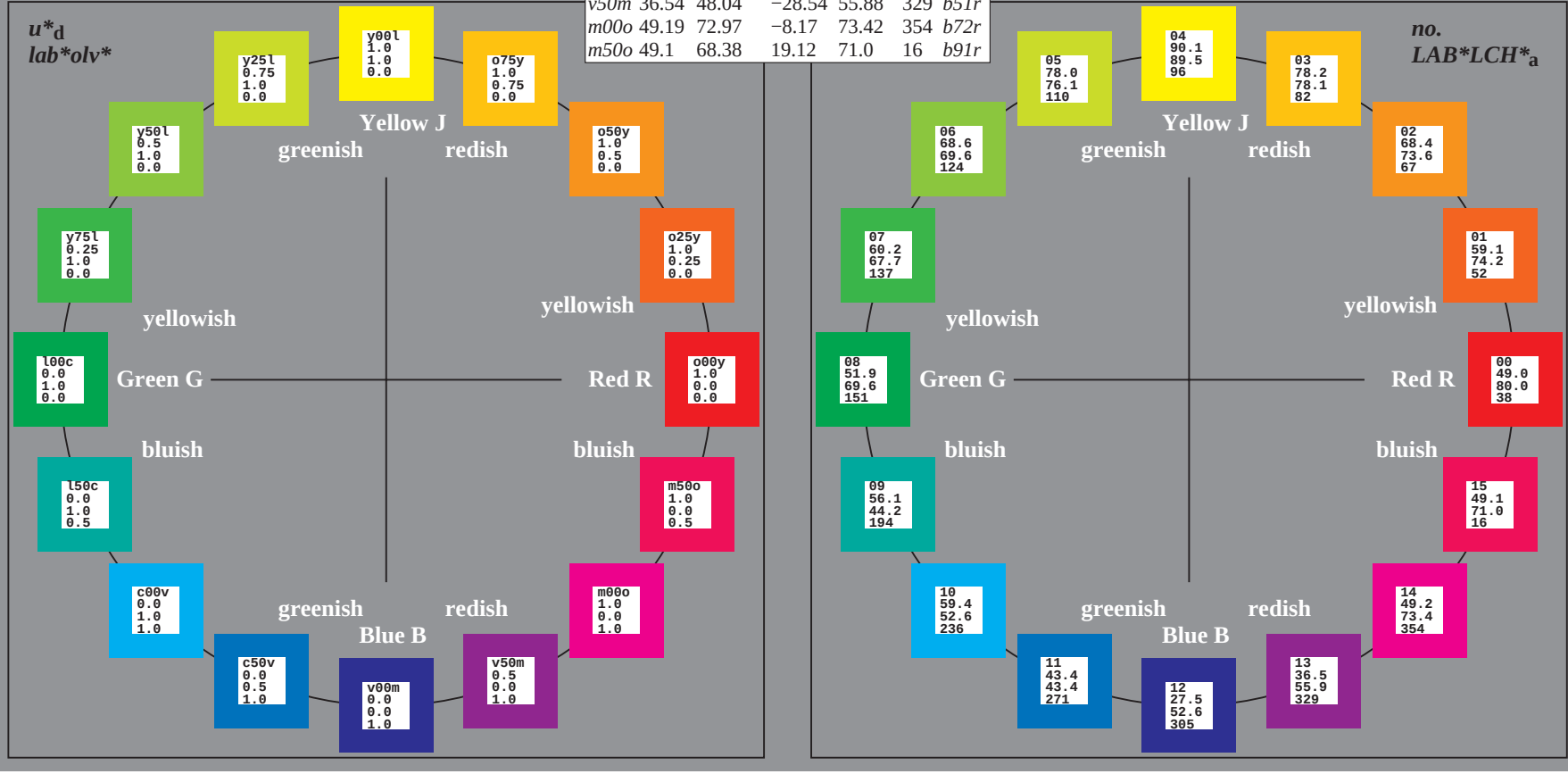
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l	68.61	−38.59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



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

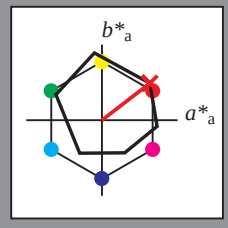
ORS18_95aM; adapted (a) CIELAB data

Name	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.105**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r18j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

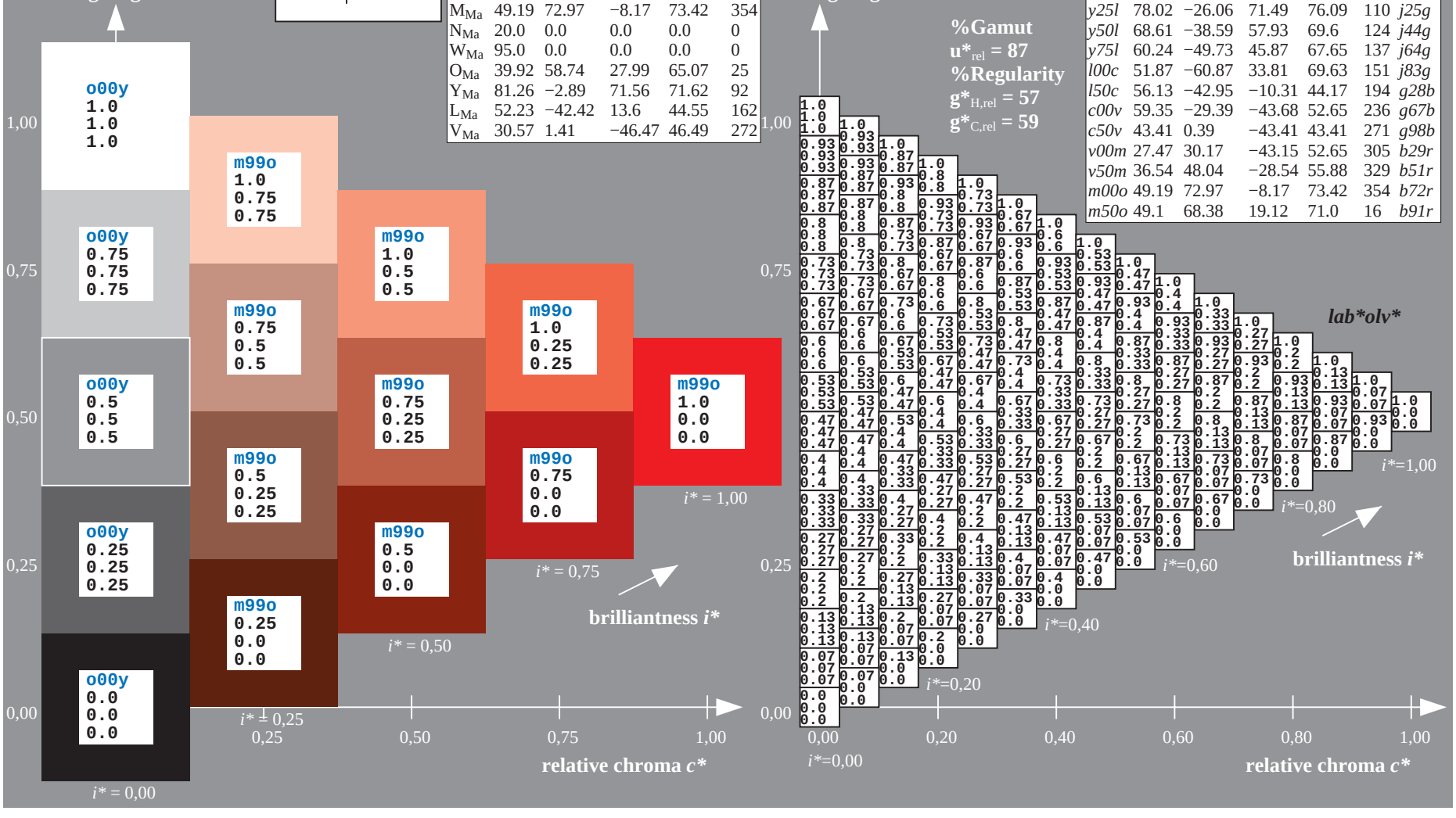
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 63 49
*LAB*LCH**$_{Ma}$: 49 80 37
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.18 0.0
triangle lightness *t**

ORS18_95aM; adapted (a) CIELAB data

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

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

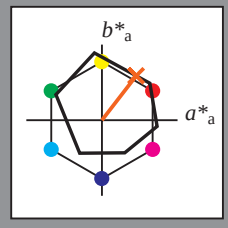


See for similar files: http://www.ps.bam.de/Ee65/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee65/10L/L65E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r40j*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

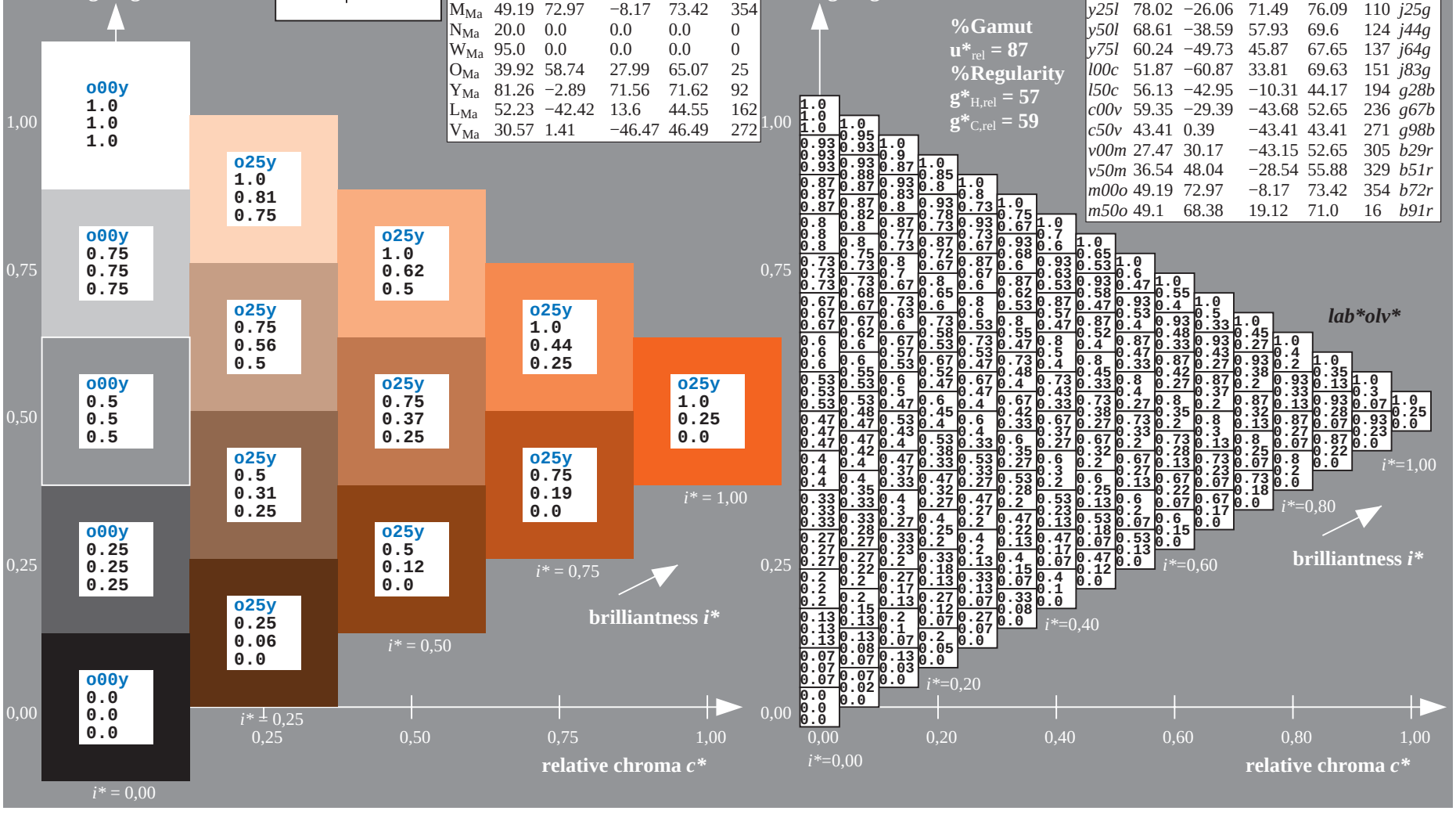
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 45 59
*LAB*LCH**$_{Ma}$: 59 74 52
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.4 0.0
triangle lightness *t**

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

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

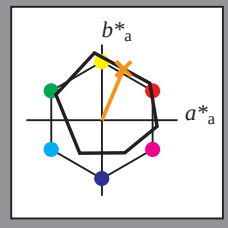
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r62j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

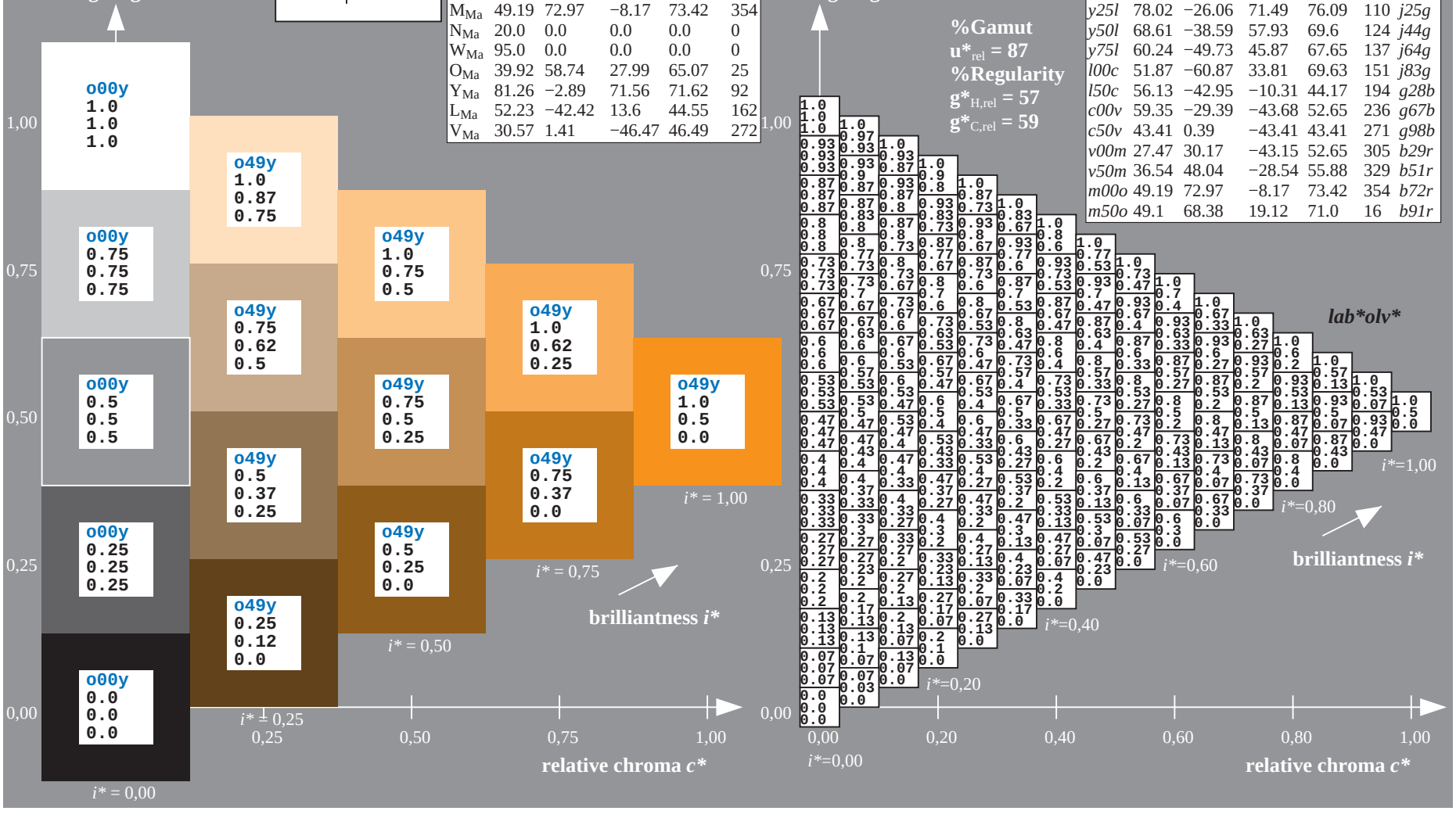
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 68 29 68
*LAB*LCH**$_{Ma}$: 68 74 67
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.62 0.0
triangle lightness *t**

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

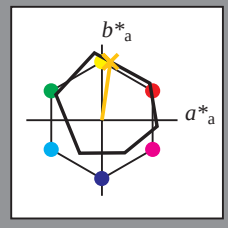
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r83j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

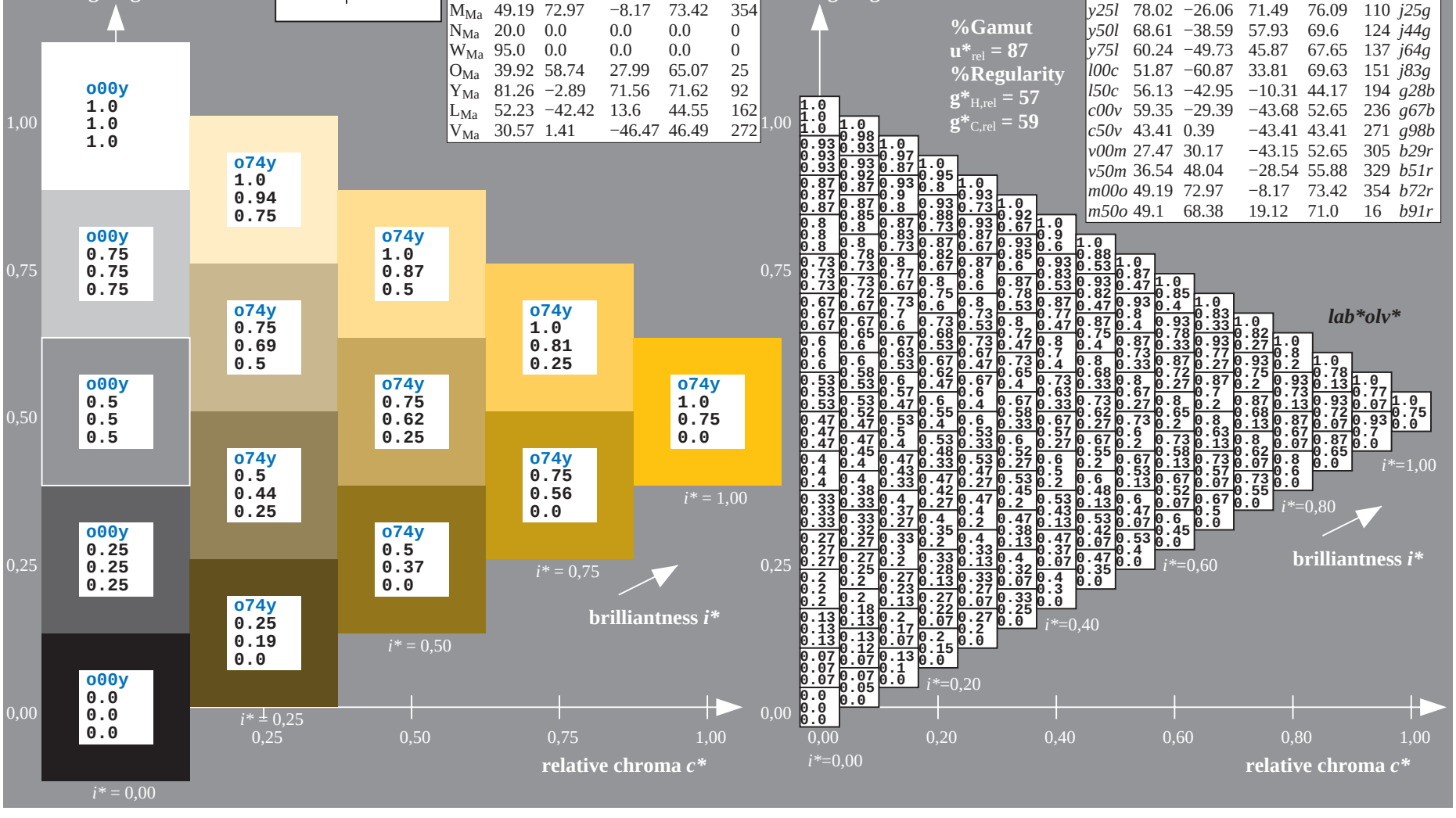
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 11 77
*LAB*LCH**$_{Ma}$: 78 78 81
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.84 0.0
triangle lightness *t**

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

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

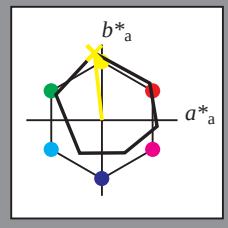
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

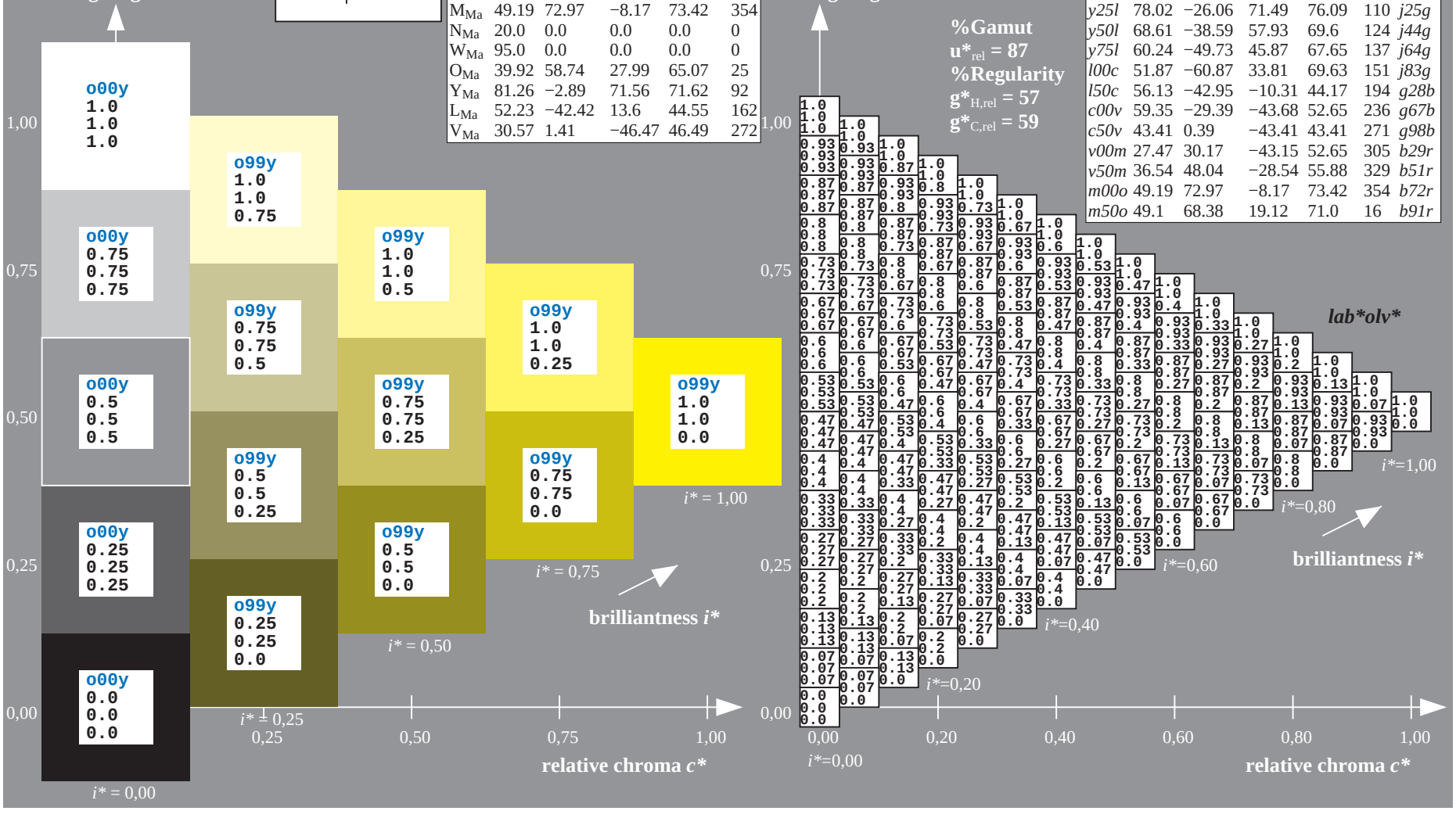
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 90 −10 89
*LAB*LCH**$_{Ma}$: 90 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

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

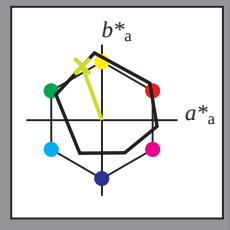


See for similar files: http://www.ps.bam.de/Ee65/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee65/10L/L65E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

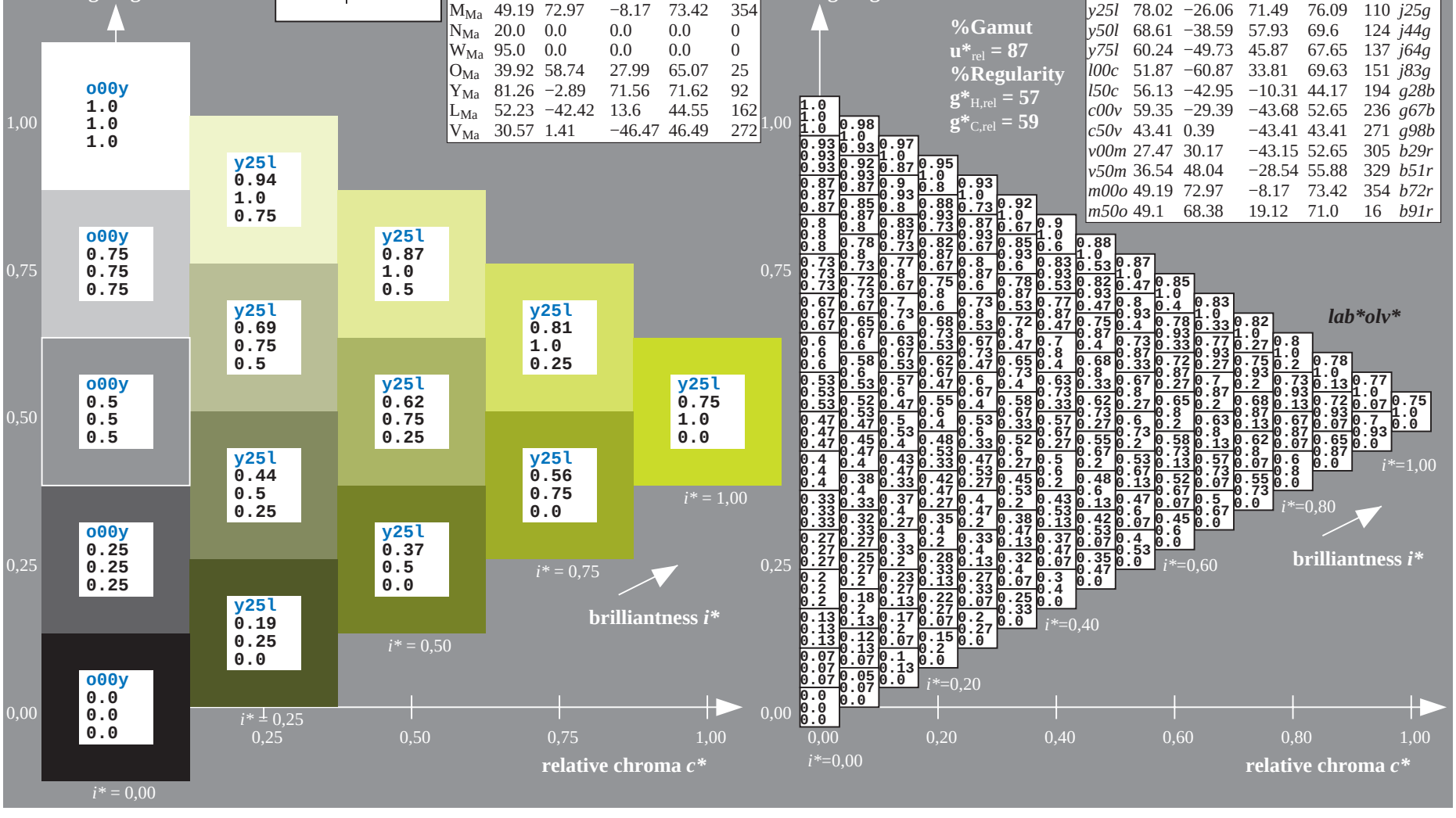
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 −26 71
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.75 1.0 0.0
triangle lightness *t**

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

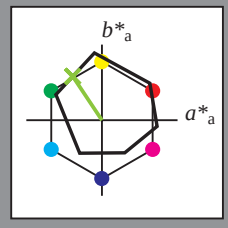
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.344**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *y50l* u^*_e = *j44g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

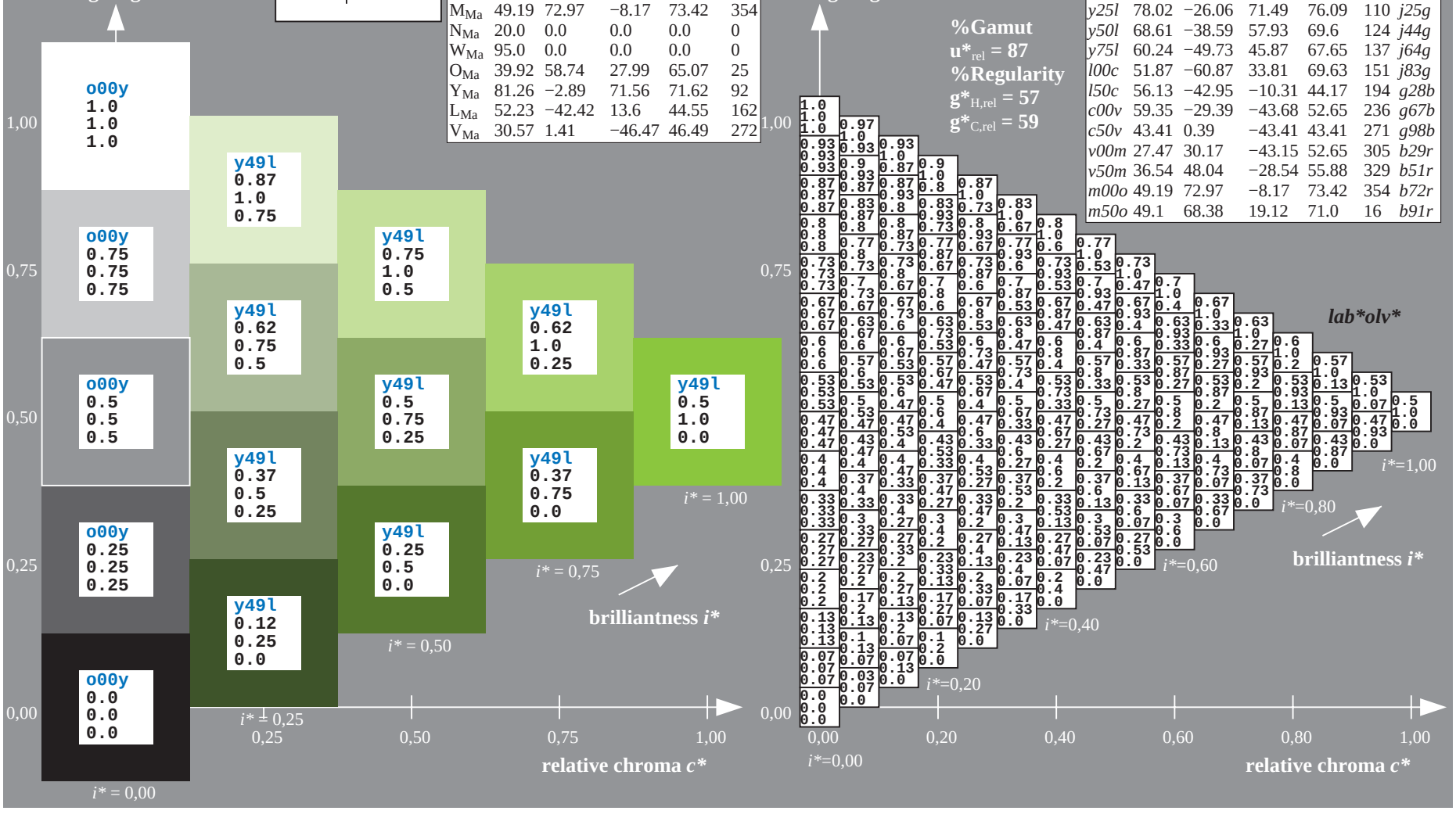
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 69 −39 58**
LAB*LCH*$_{Ma}$**: 69 70 123**
lab*olv*$_{Ma}$**: 0.5 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.55 1.0 0.0**
triangle lightness *t**

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

u*d = y50l
lab*olv*

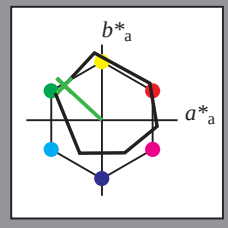
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.381**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j64g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

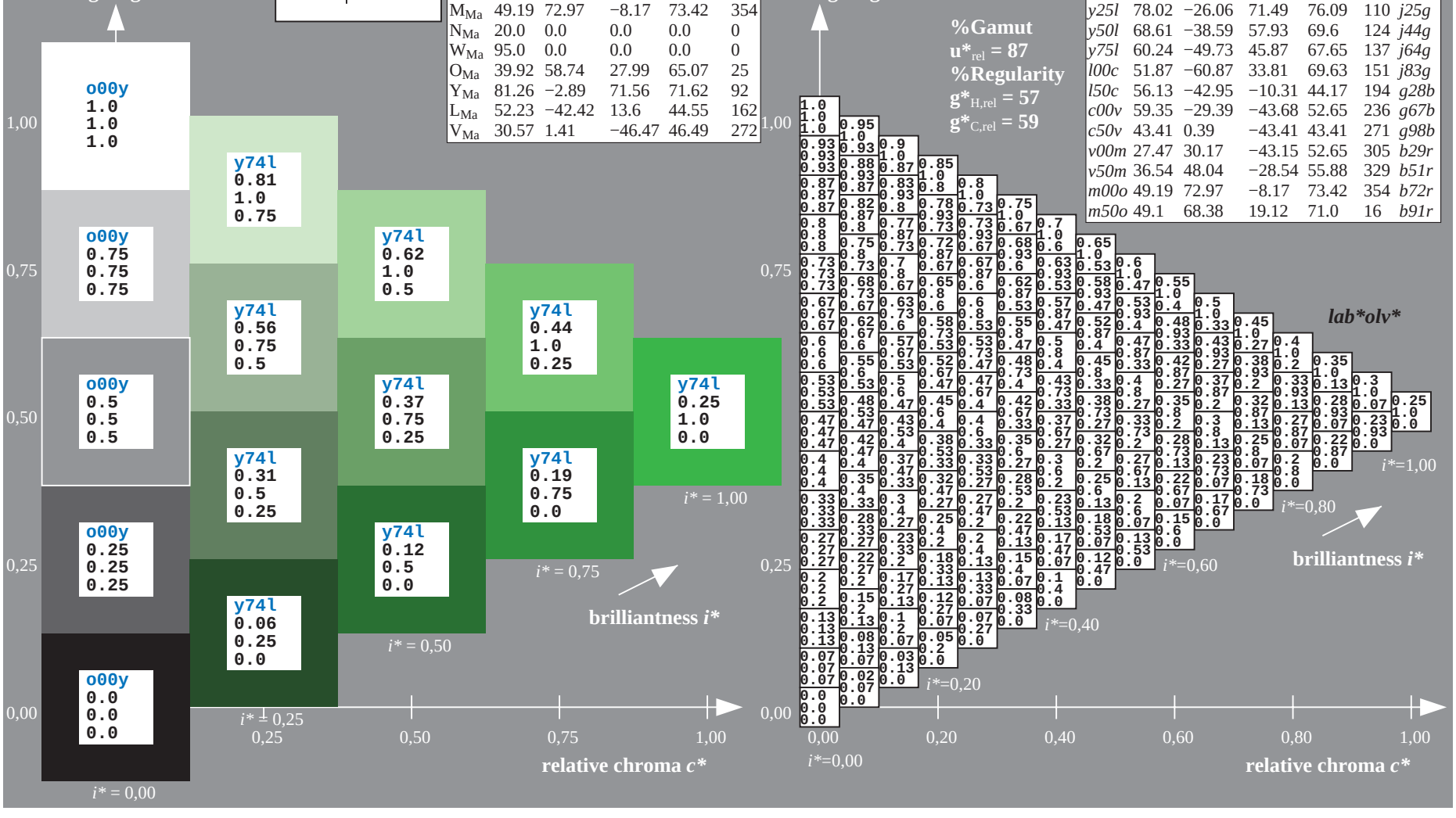
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −50 46
*LAB*LCH**$_{Ma}$: 60 68 137
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.36 1.0 0.0
triangle lightness *t**

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

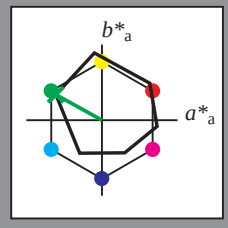
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j83g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

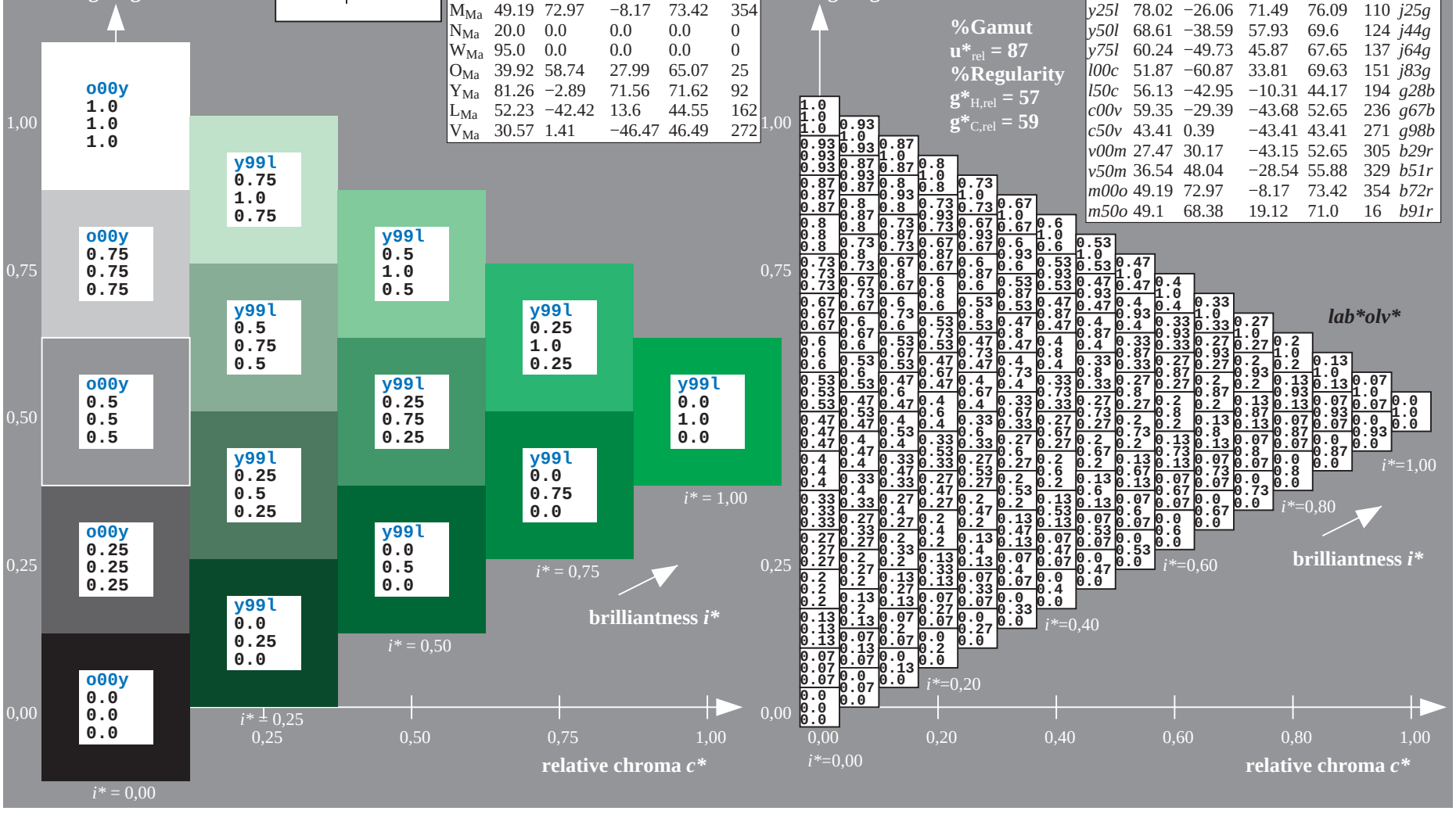
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −61 34
*LAB*LCH**$_{Ma}$: 52 70 150
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.16 1.0 0.0
triangle lightness *t**

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

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

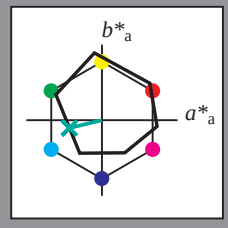
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.538**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

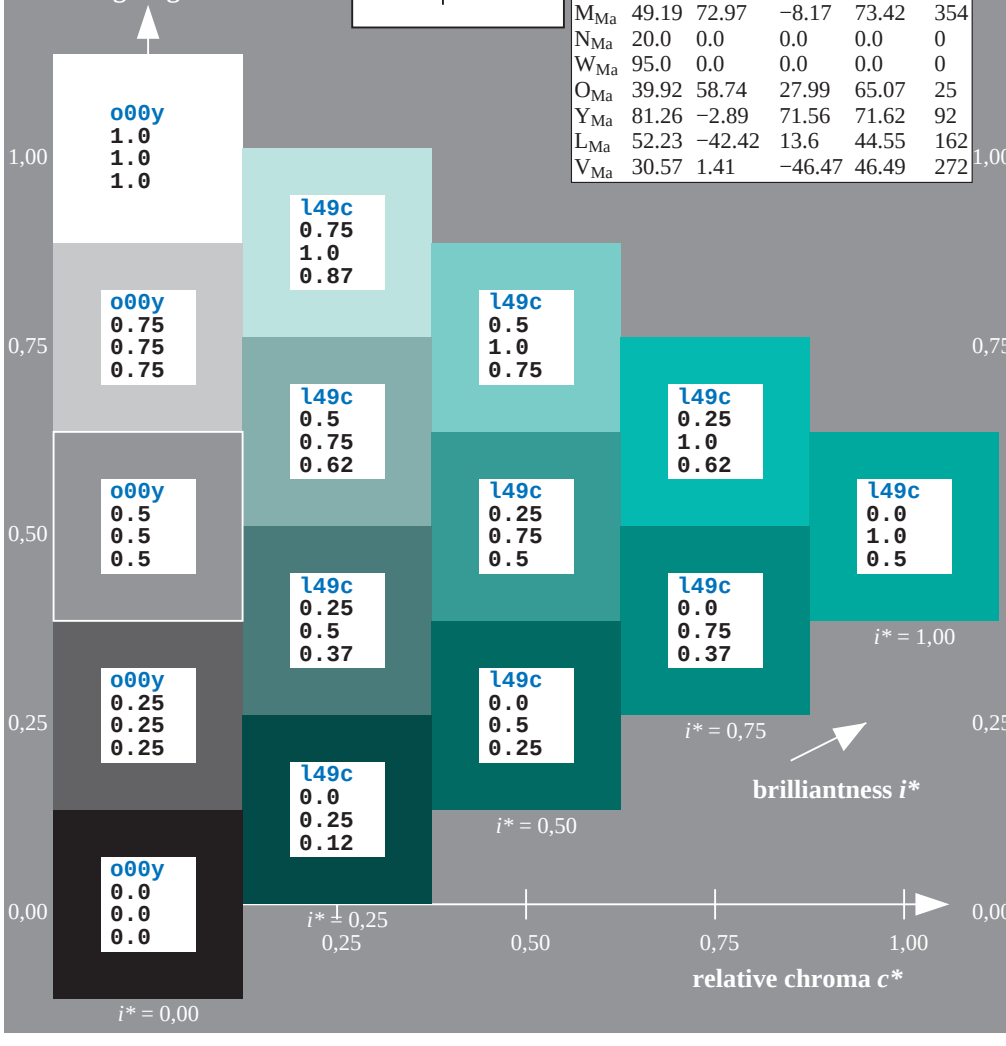
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

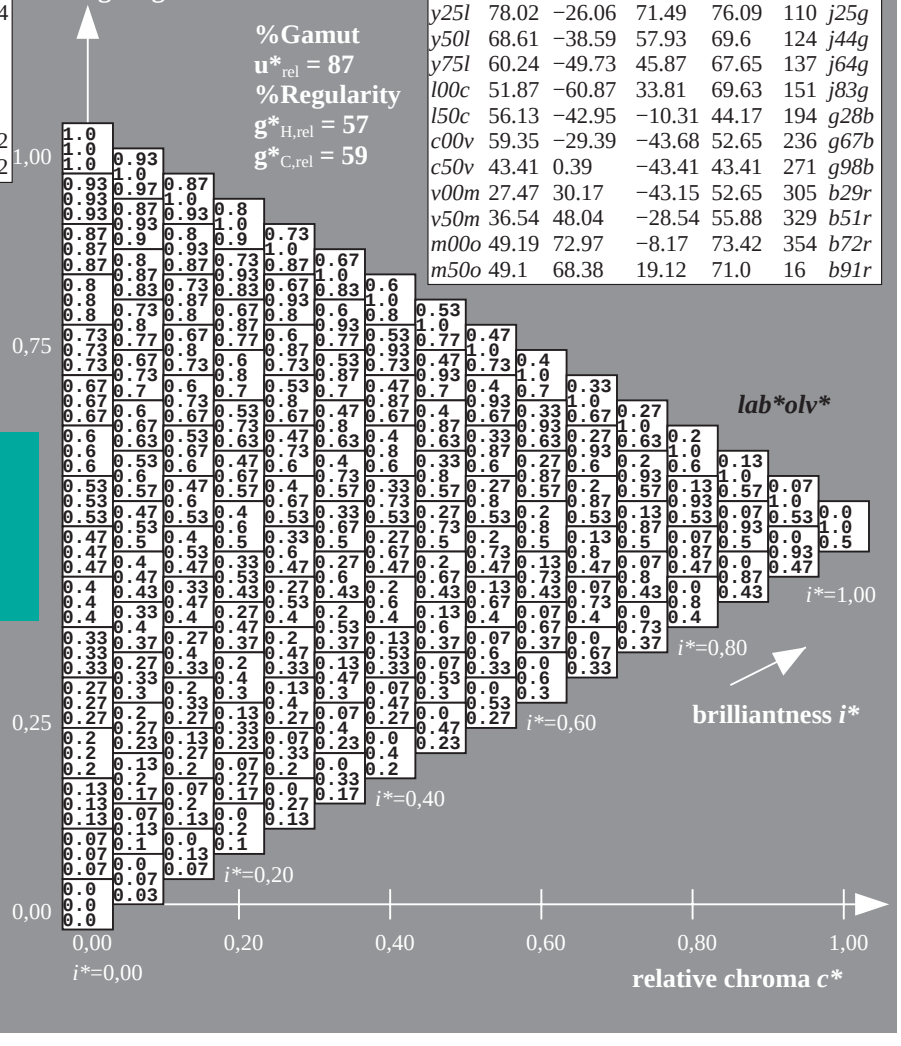
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 −43 −10
*LAB*LCH**$_{Ma}$: 56 44 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

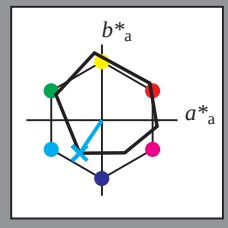
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g67b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

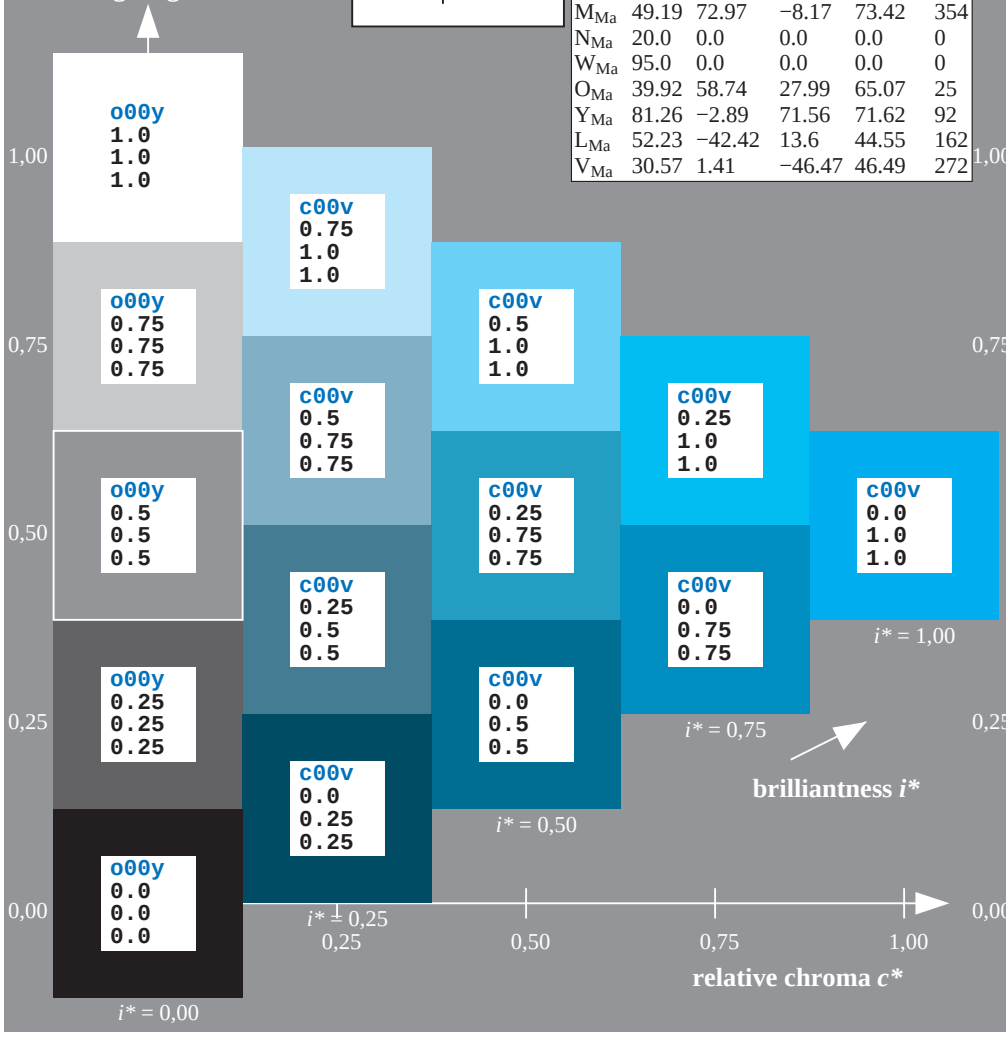
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 −29 −44
*LAB*LCH**$_{Ma}$: 59 53 236
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.65 1.0
triangle lightness *t**

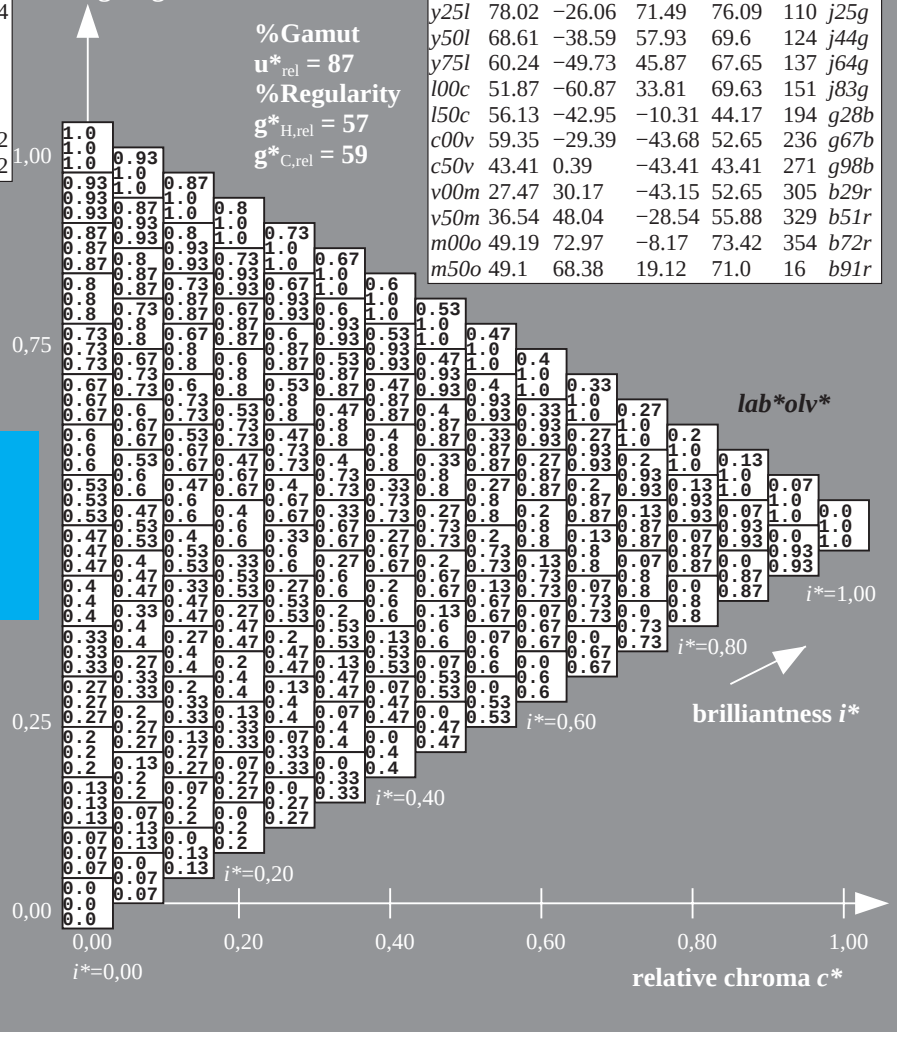
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

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

ORS18_95aM; adapted (a) CIELAB data

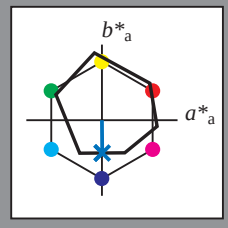
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g98b*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

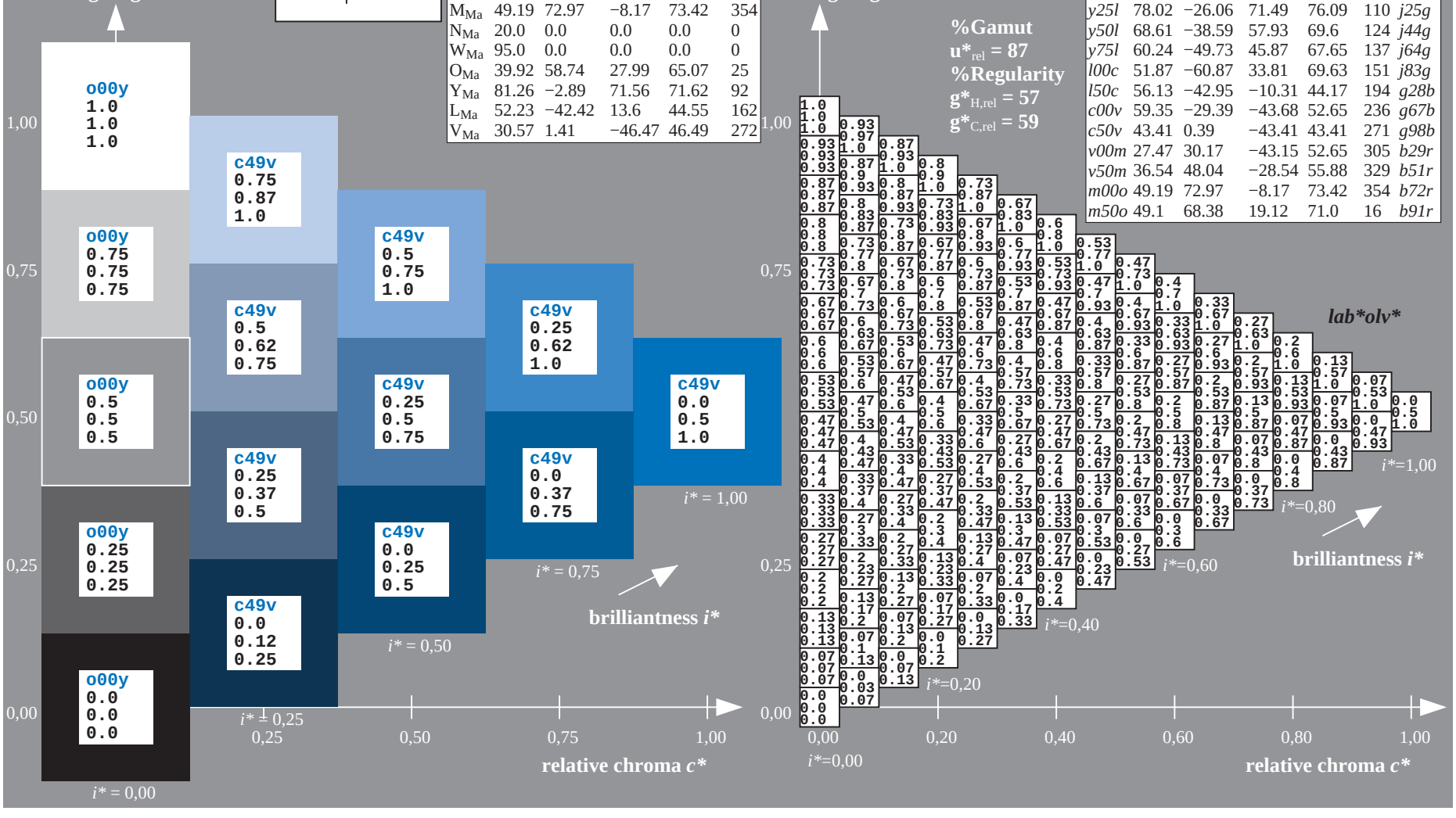
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 43 0 −43
$LAB^*LCH^*_{Ma}$: 43 43 270
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.02 1.0
triangle lightness *t**

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

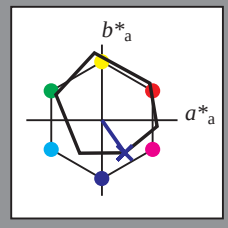
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b29r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

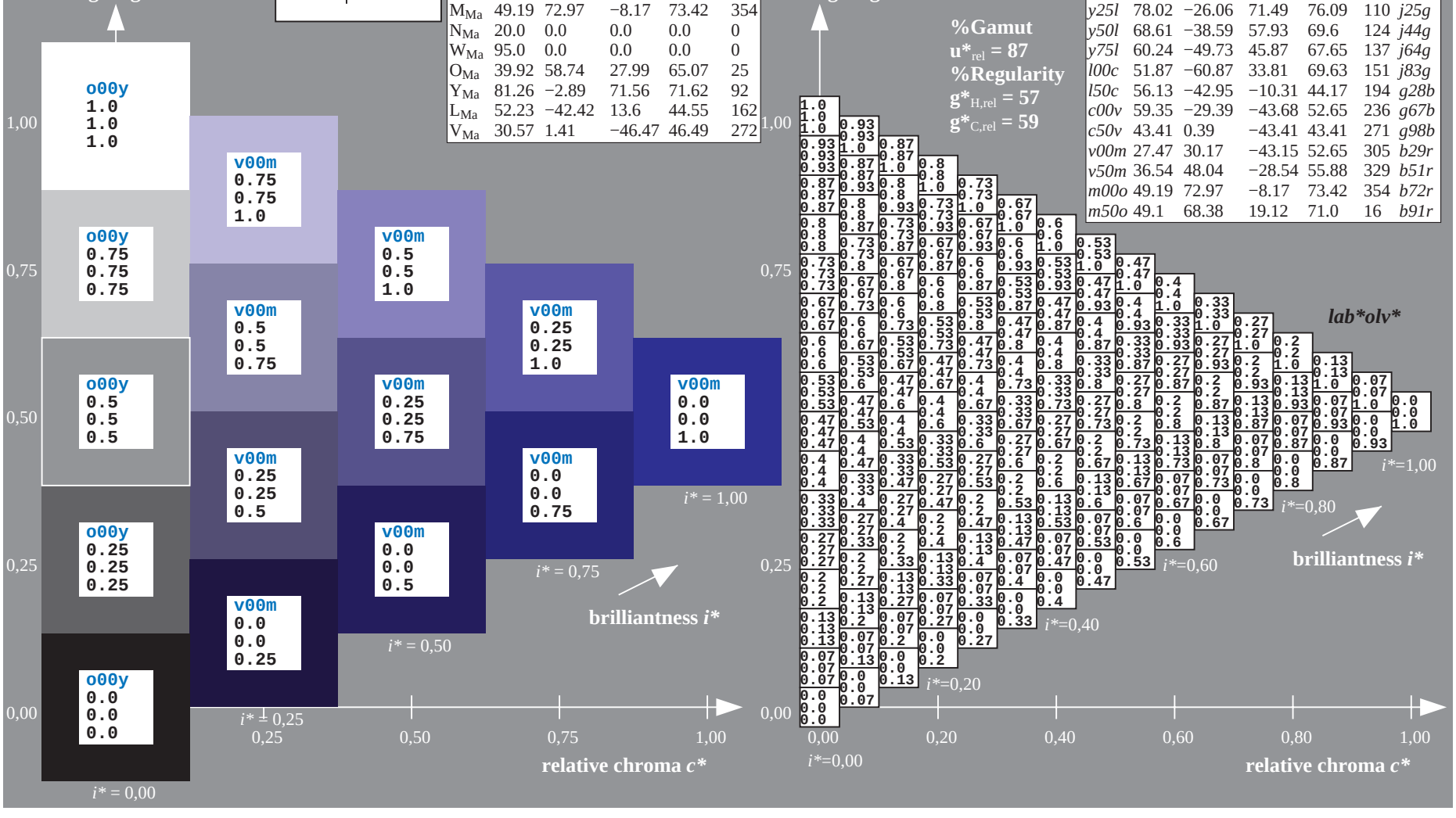
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 27 30 −43
*LAB*LCH**$_{Ma}$: 27 53 304
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.58 0.0 1.0
triangle lightness *t**

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

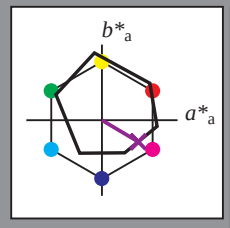
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b51r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

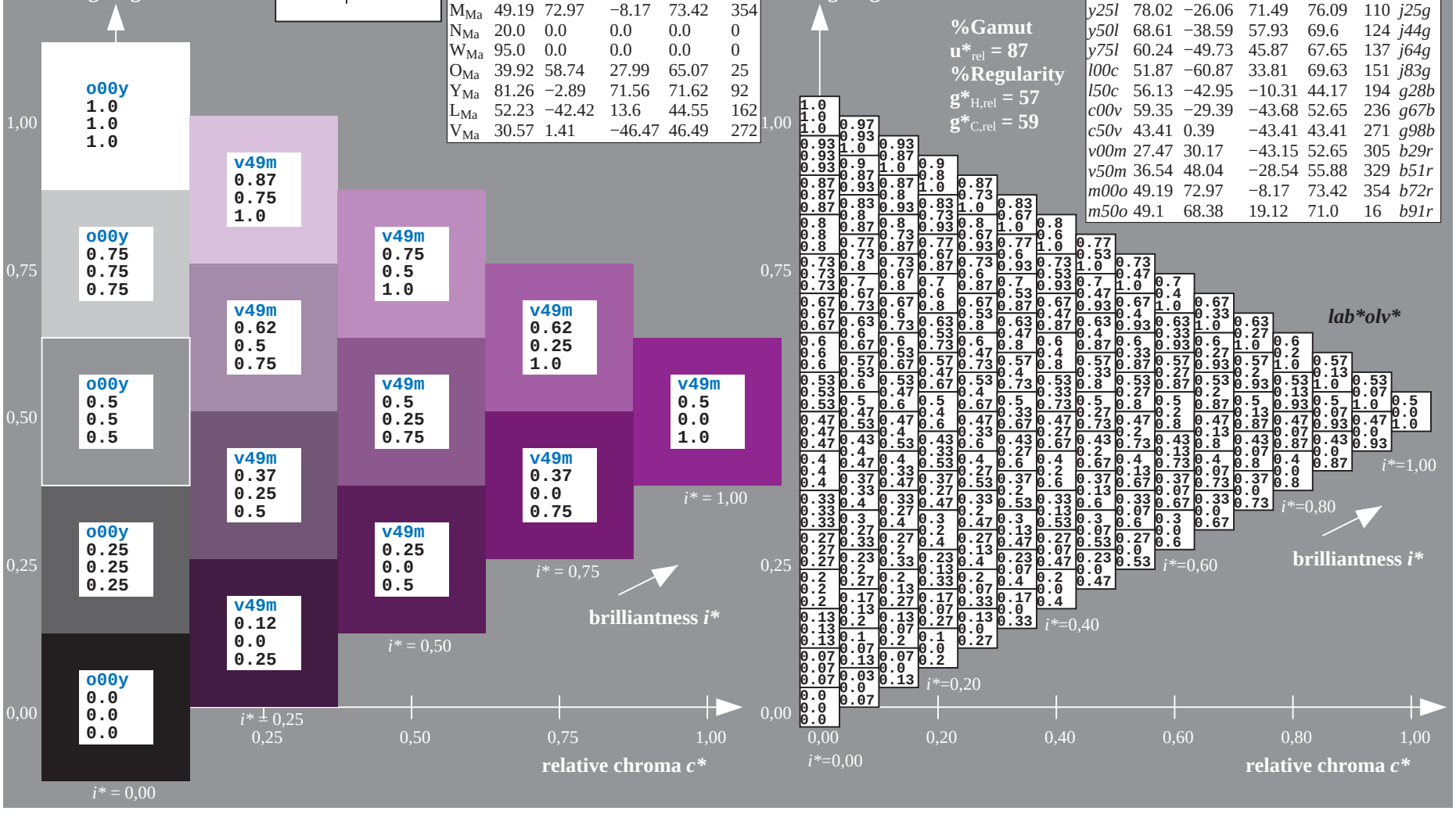
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 37 48 −29
*LAB*LCH**$_{Ma}$: 37 56 329
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.99
triangle lightness *t**

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

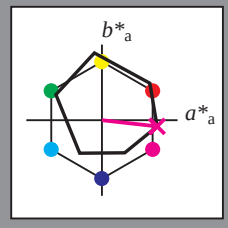
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b72r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

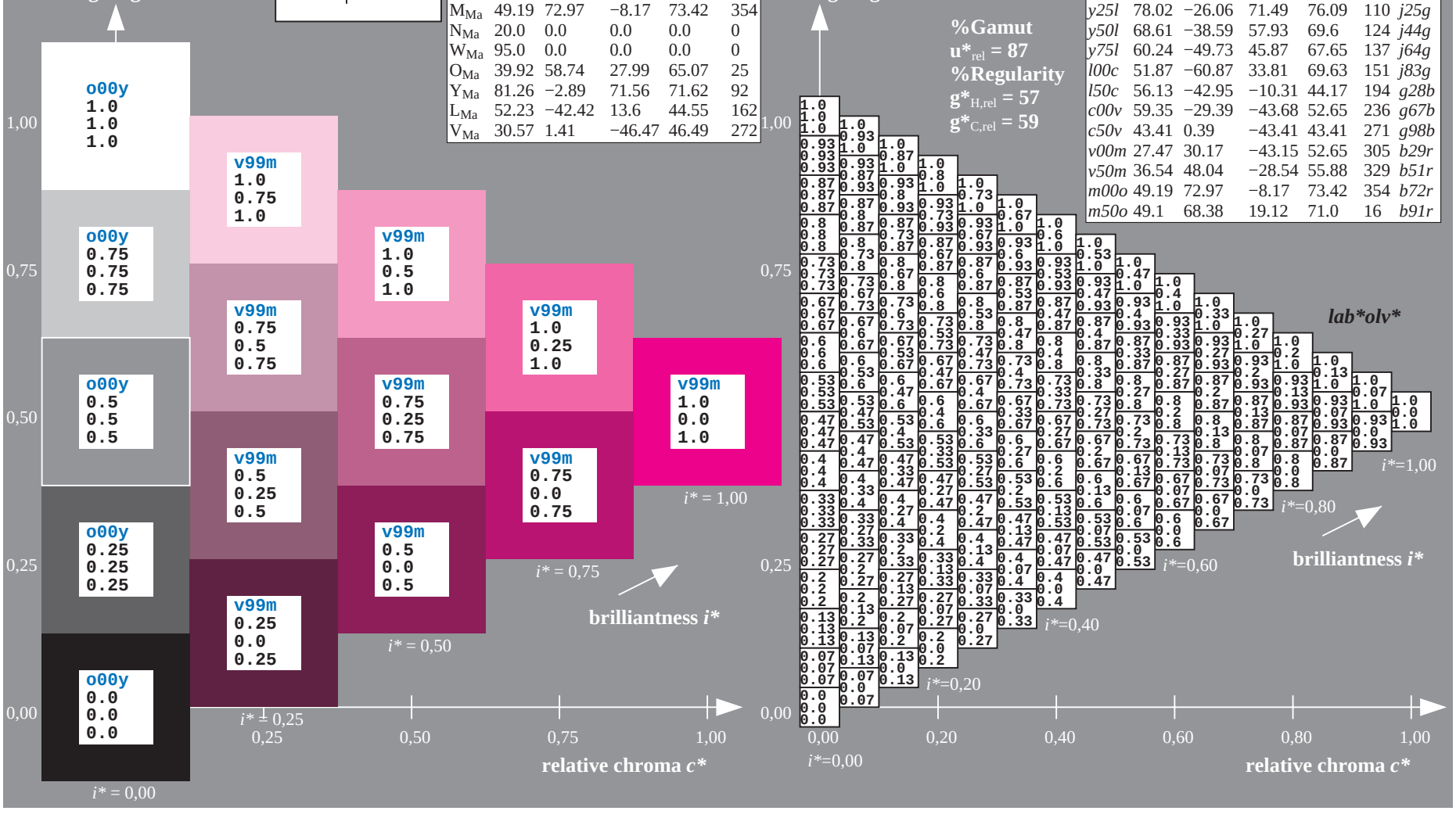
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 73 −8
*LAB*LCH**$_{Ma}$: 49 73 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.56
triangle lightness *t**

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

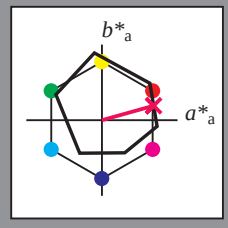
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b91r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

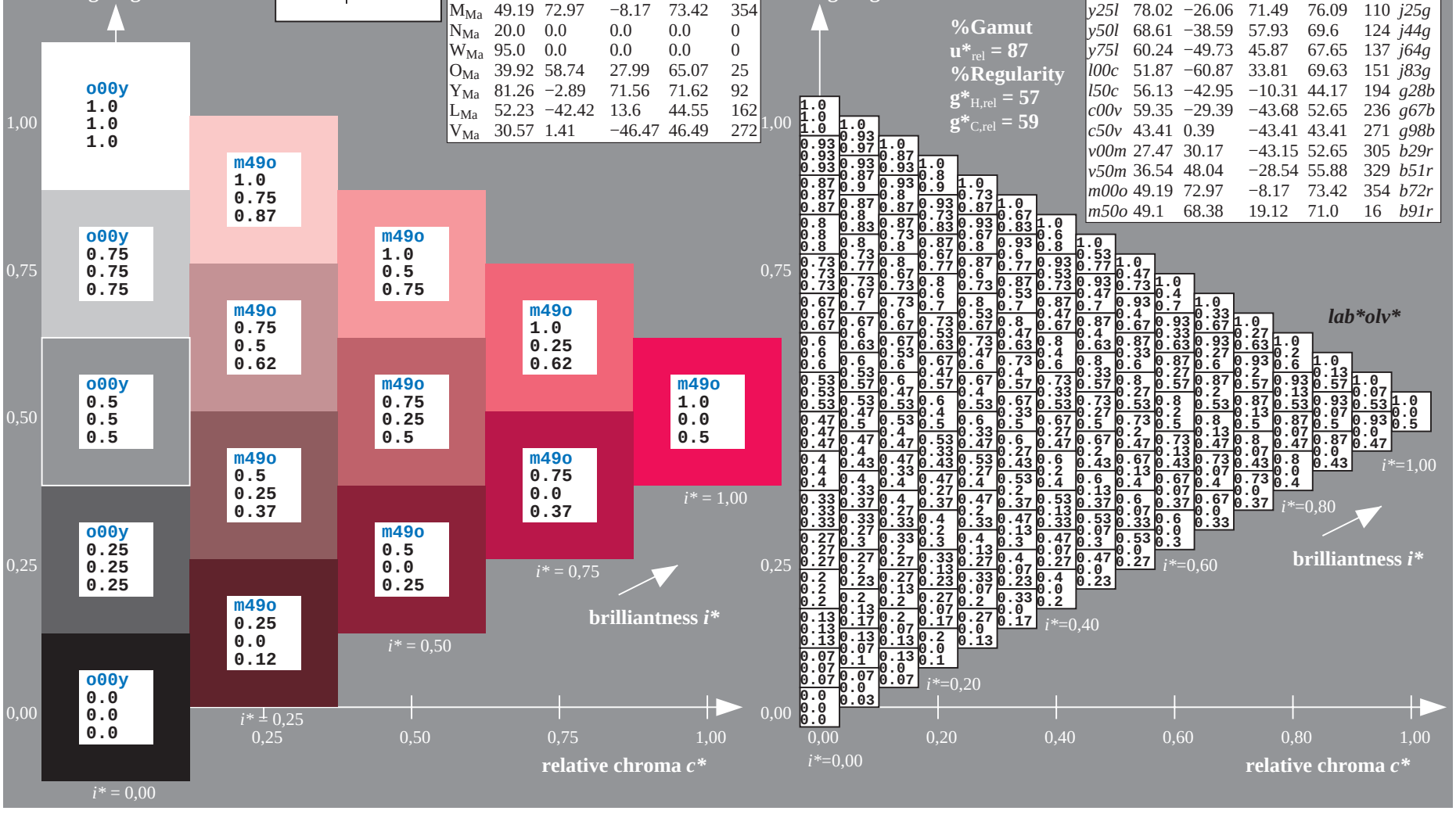
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

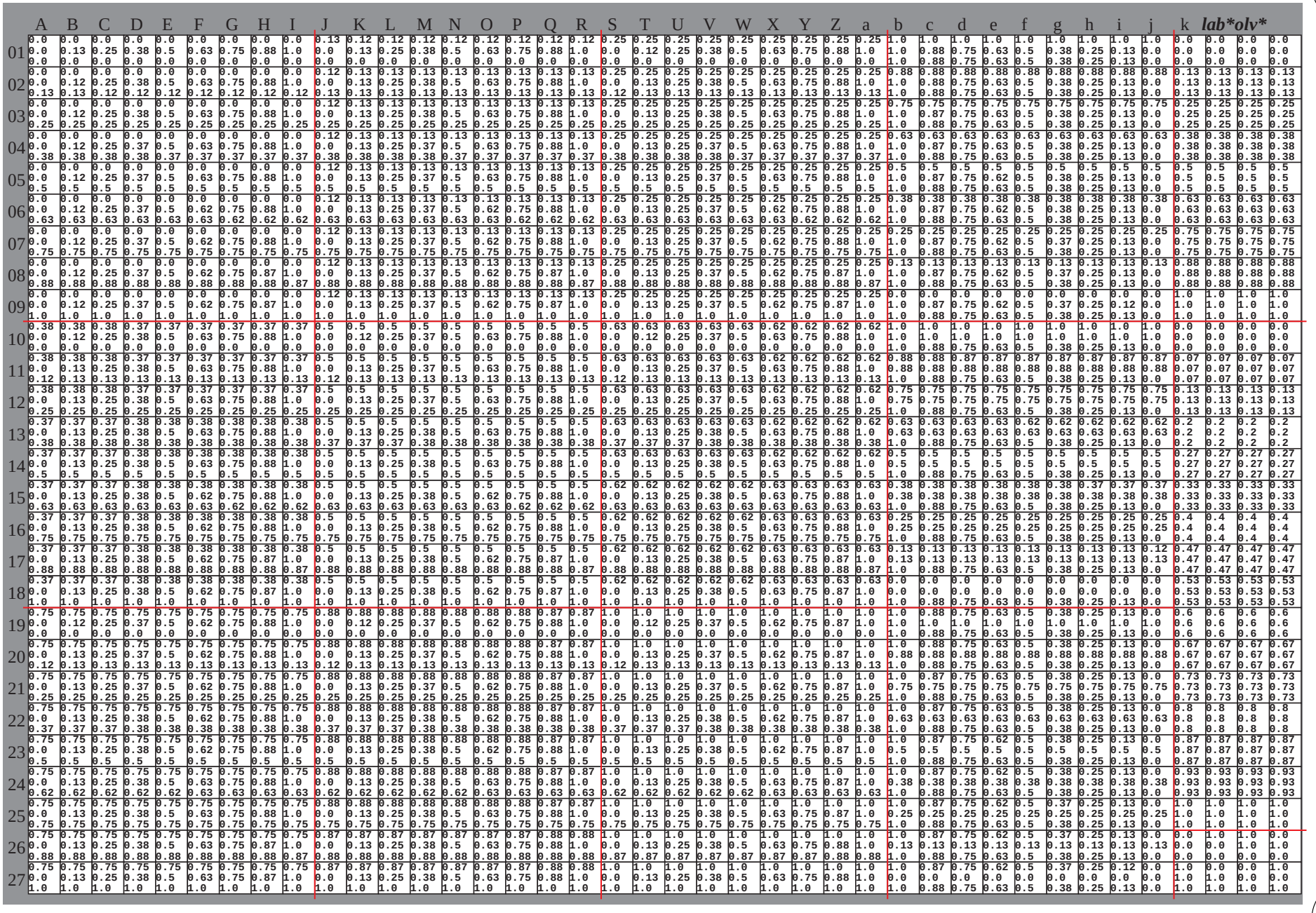
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 68 19
*LAB*LCH**$_{Ma}$: 49 71 15
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.17
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

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

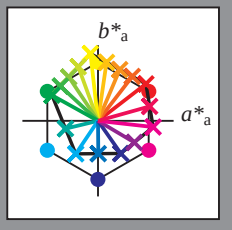




Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 0.97

ORS18_95aM; adapted (a) CIELAB data

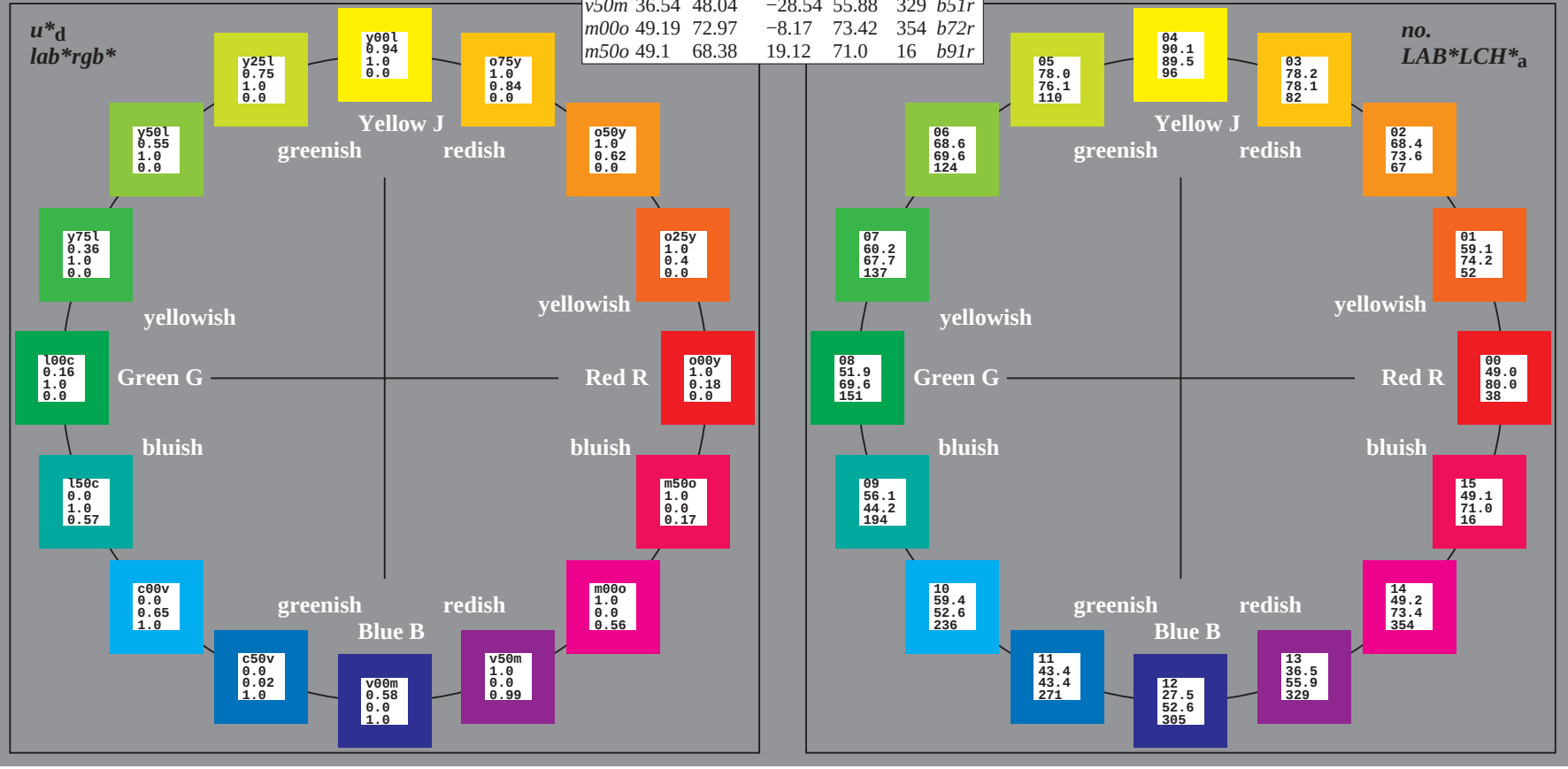
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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



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

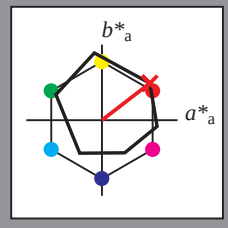
ORS18_95aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r18j*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



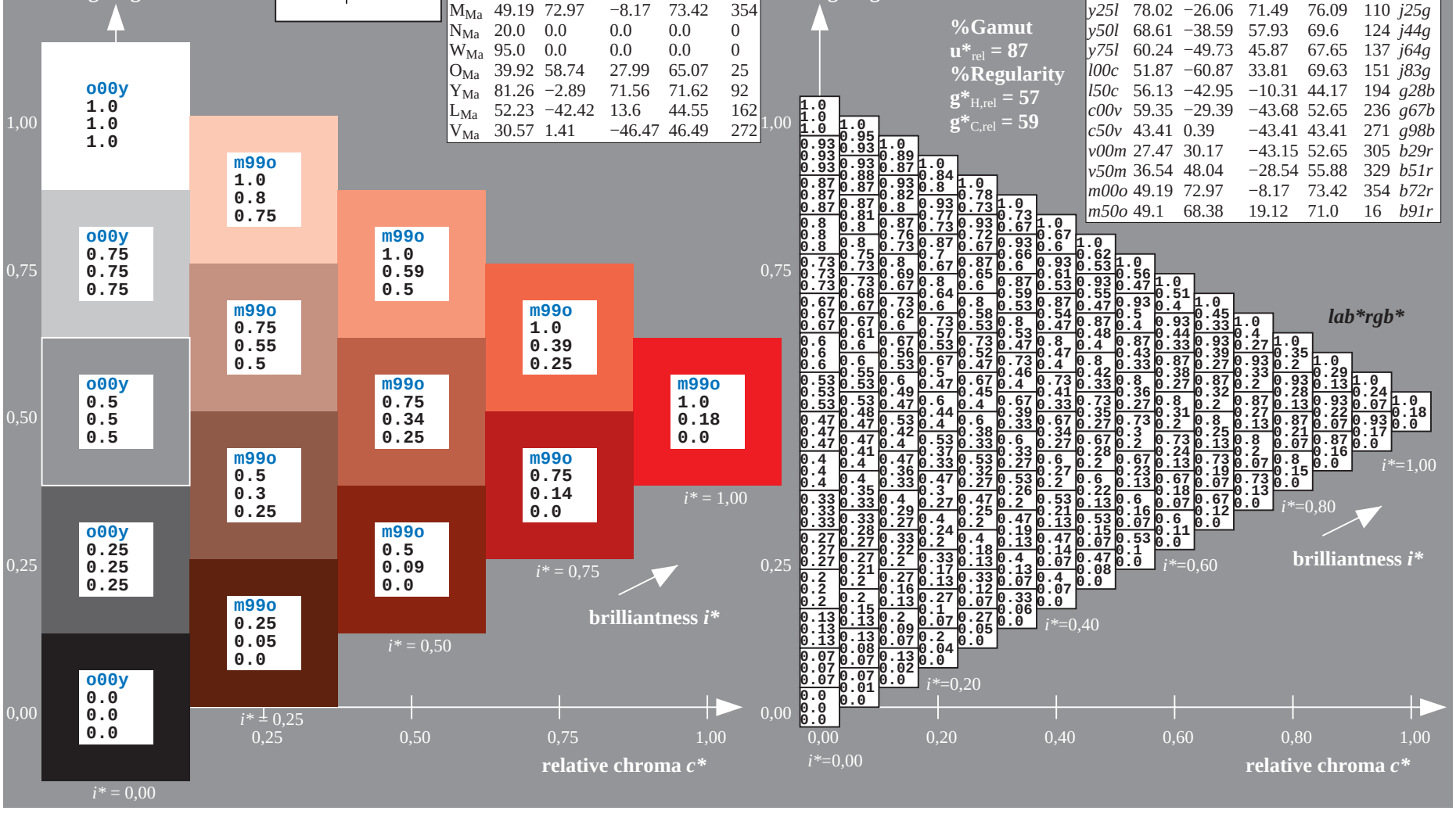
ORS18_95aM; adapted (a) CIELAB data

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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 63 49
*LAB*LCH**$_{Ma}$: 49 80 37
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.18 0.0
triangle lightness *t**

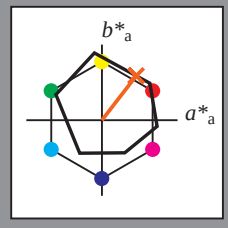
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r40j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

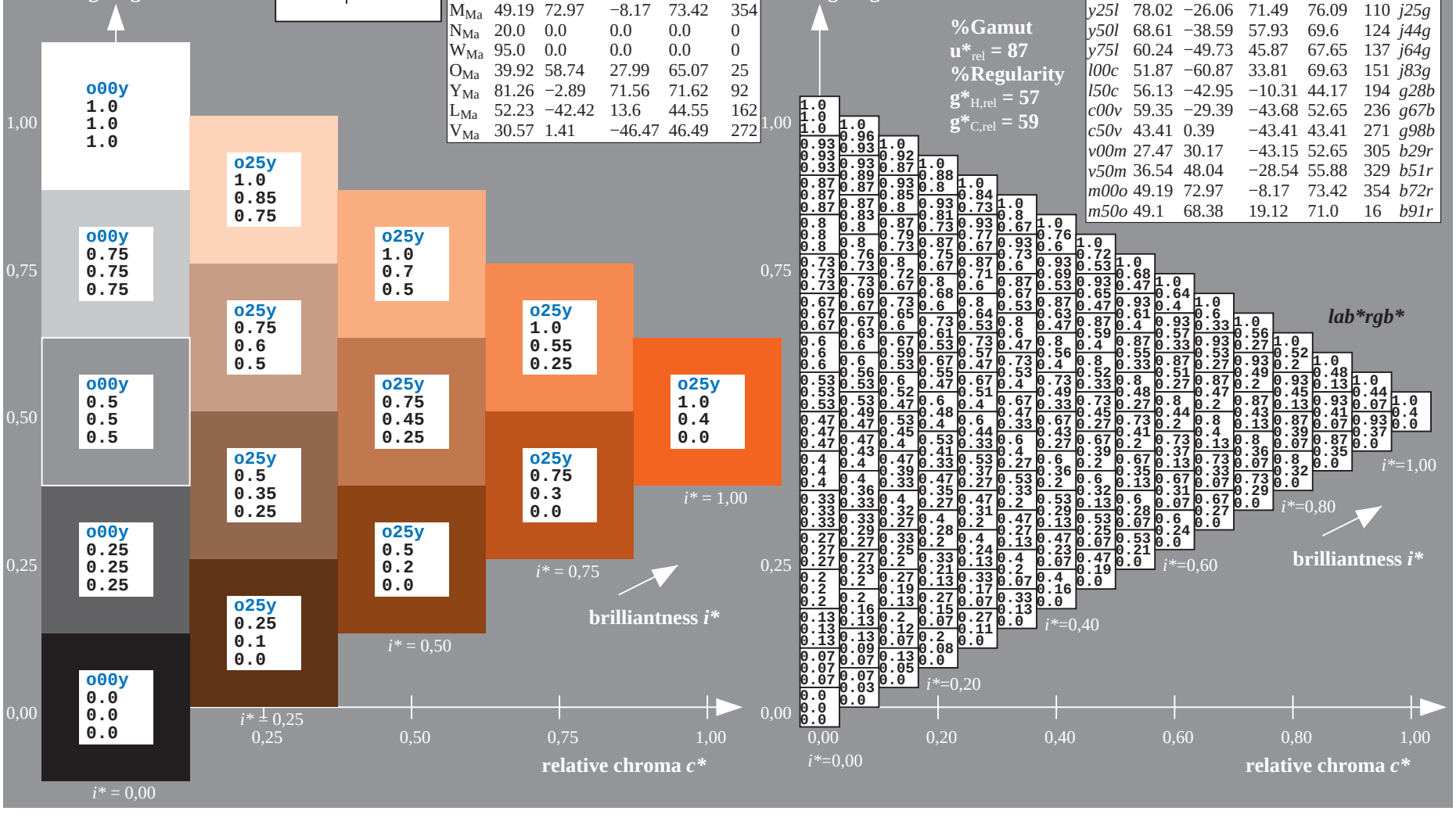
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 45 59
*LAB*LCH**$_{Ma}$: 59 74 52
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.4 0.0
triangle lightness *t**

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

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

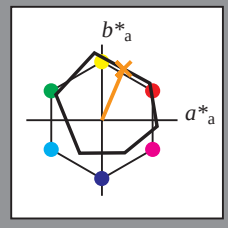
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r62j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

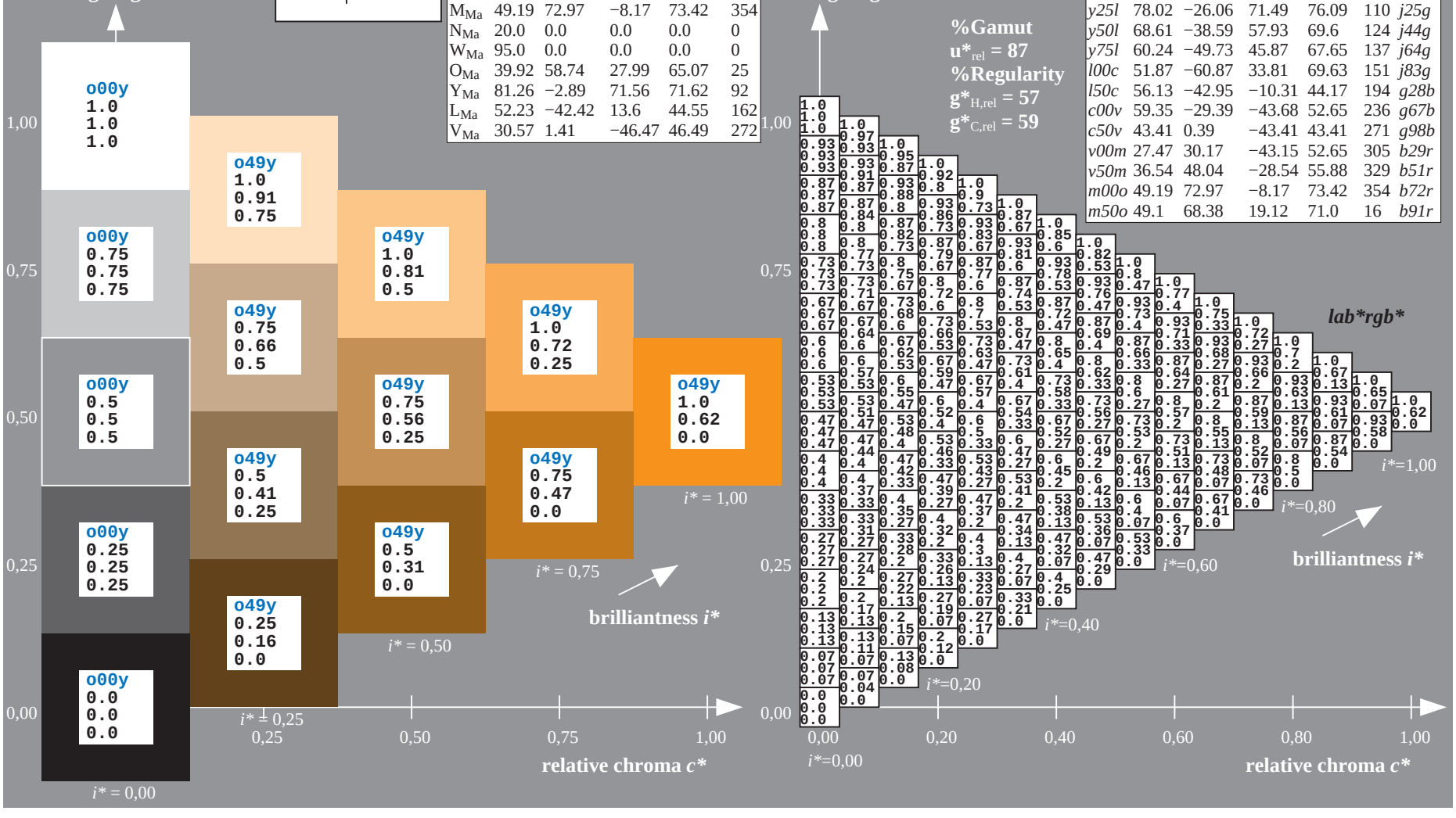
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 68 29 68
*LAB*LCH**$_{Ma}$: 68 74 67
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.62 0.0
triangle lightness *t**

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

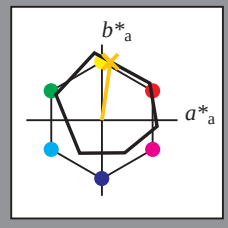
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r83j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

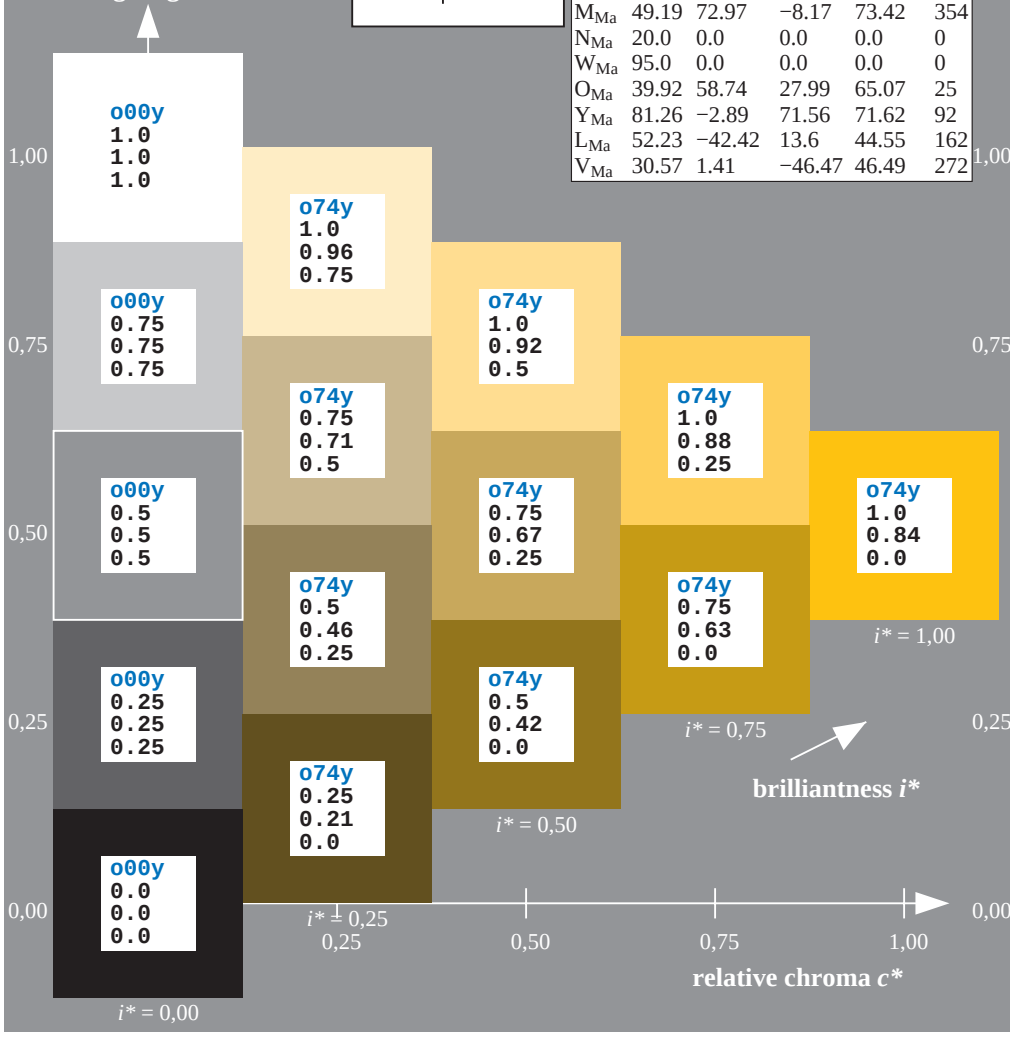
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 11 77
*LAB*LCH**$_{Ma}$: 78 78 81
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.84 0.0
triangle lightness *t**

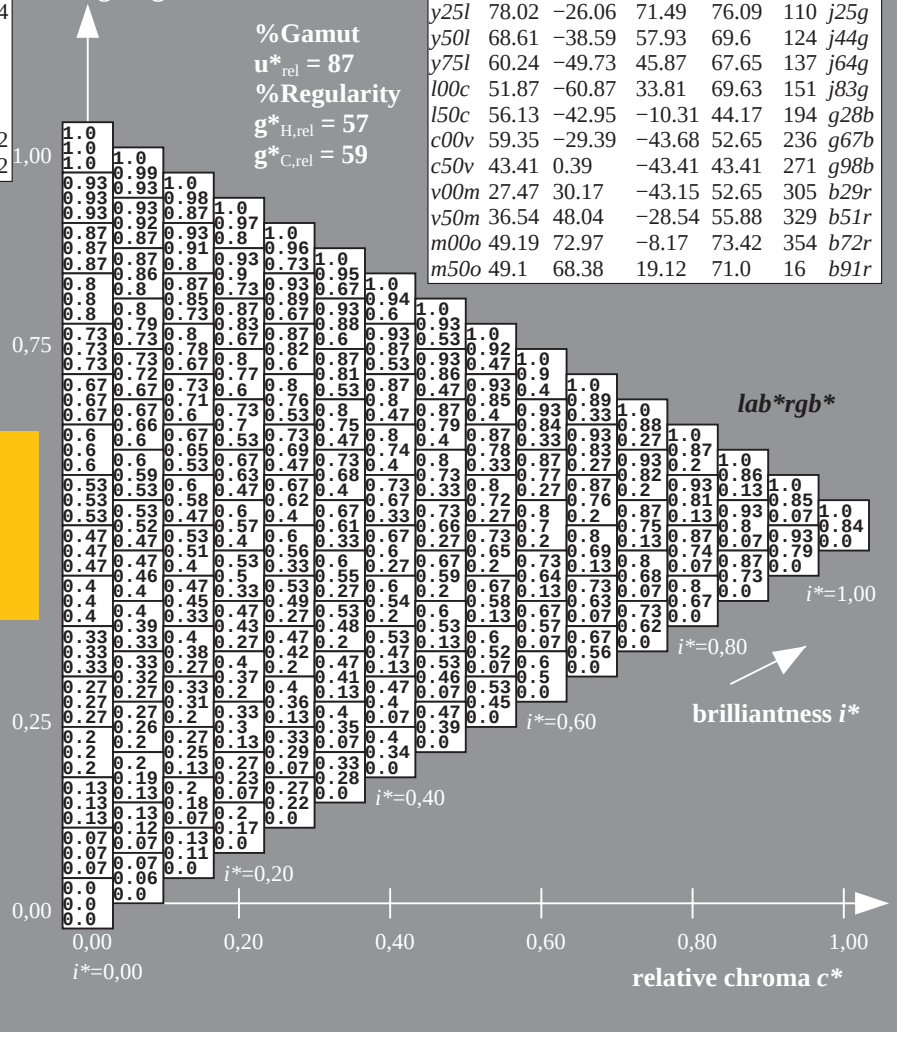
ORS18_95aM; adapted (a) CIELAB data

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

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

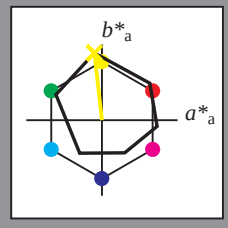
u^*_d = *o75y*
*lab*rgb**





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

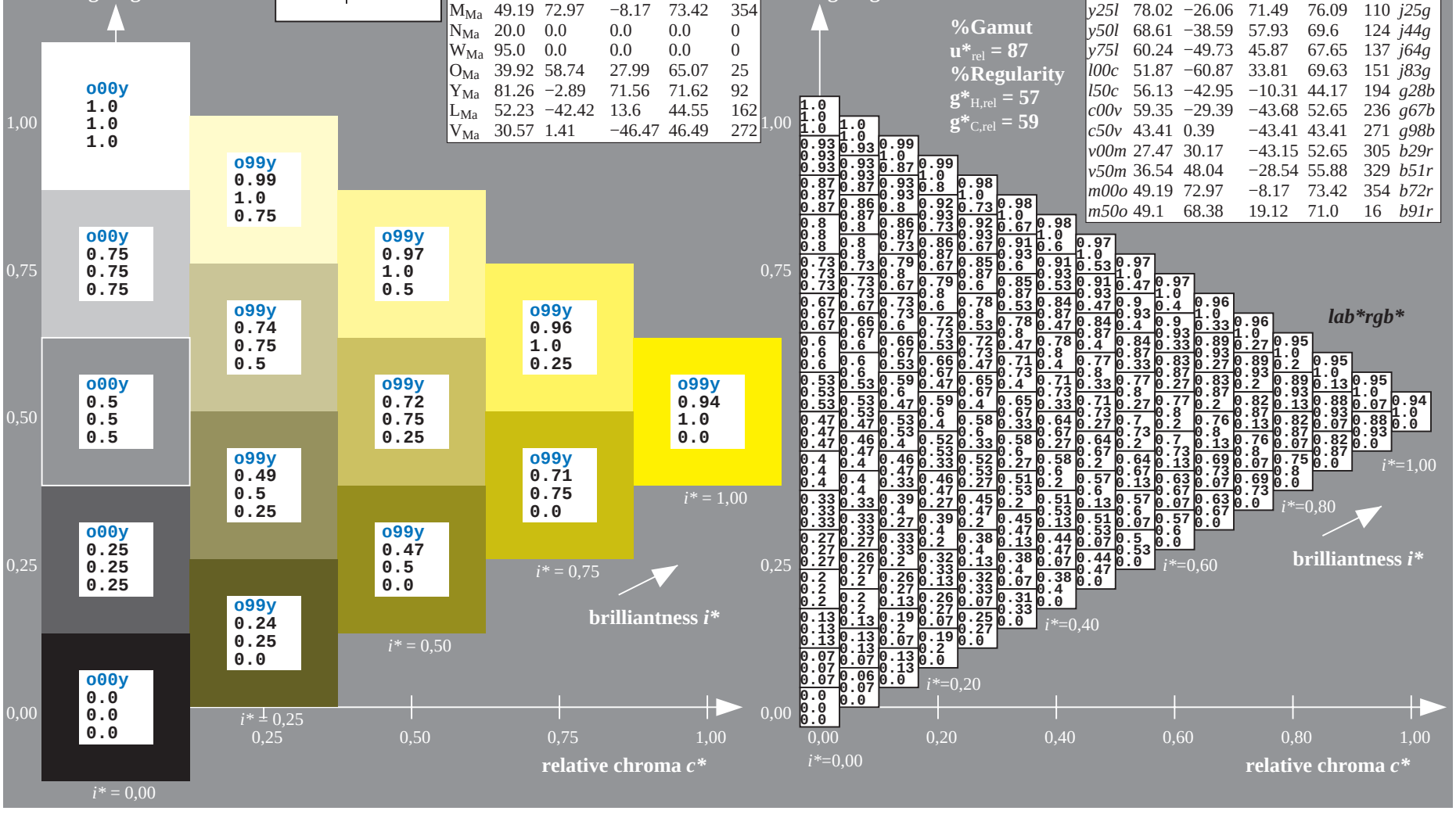
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 90 −10 89
*LAB*LCH**$_{Ma}$: 90 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

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

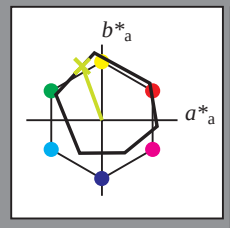
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

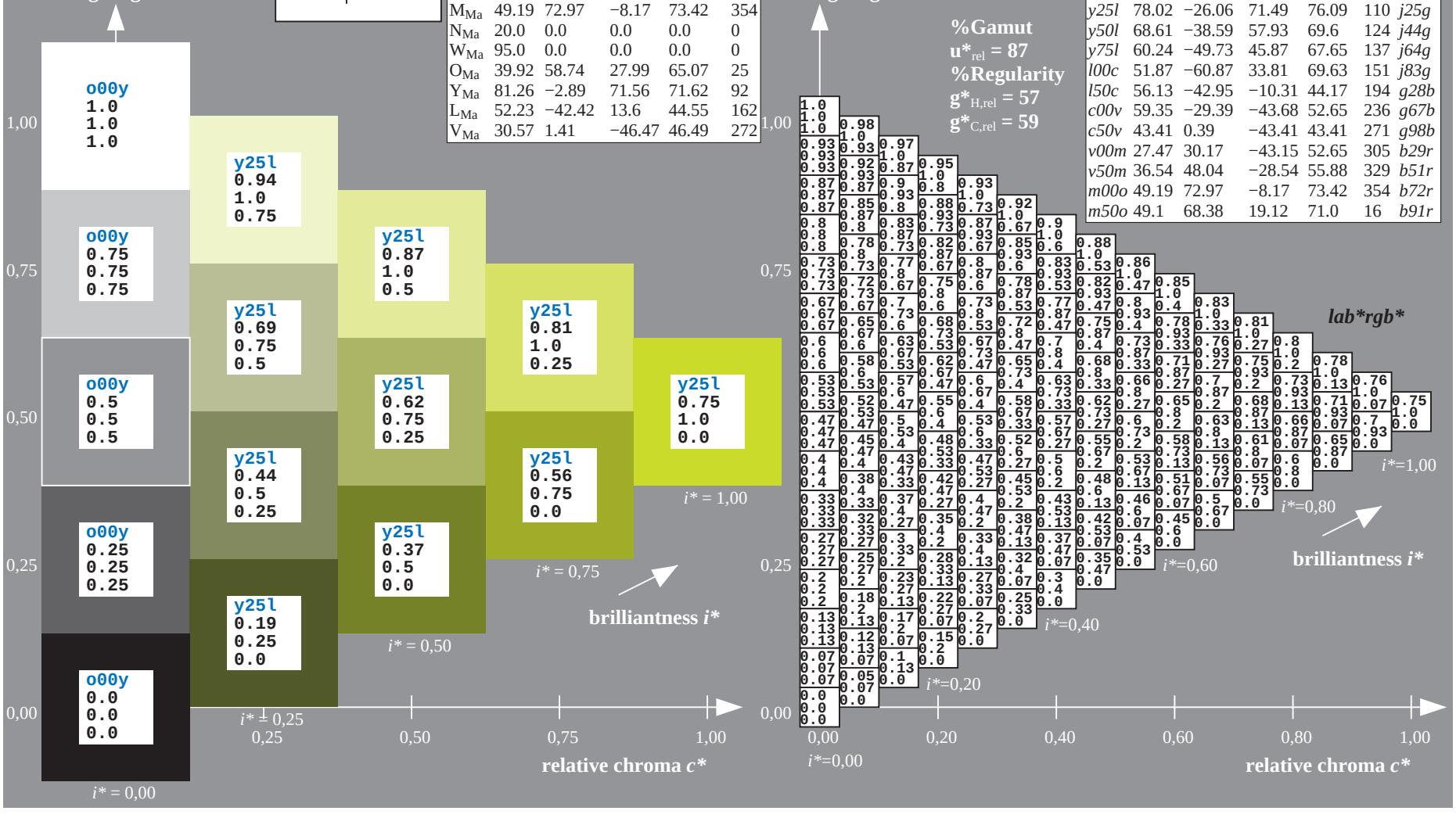
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 −26 71
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.75 1.0 0.0
triangle lightness *t**

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

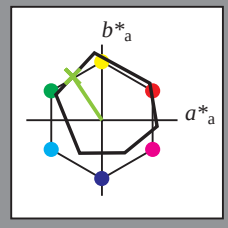
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.344**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j44g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

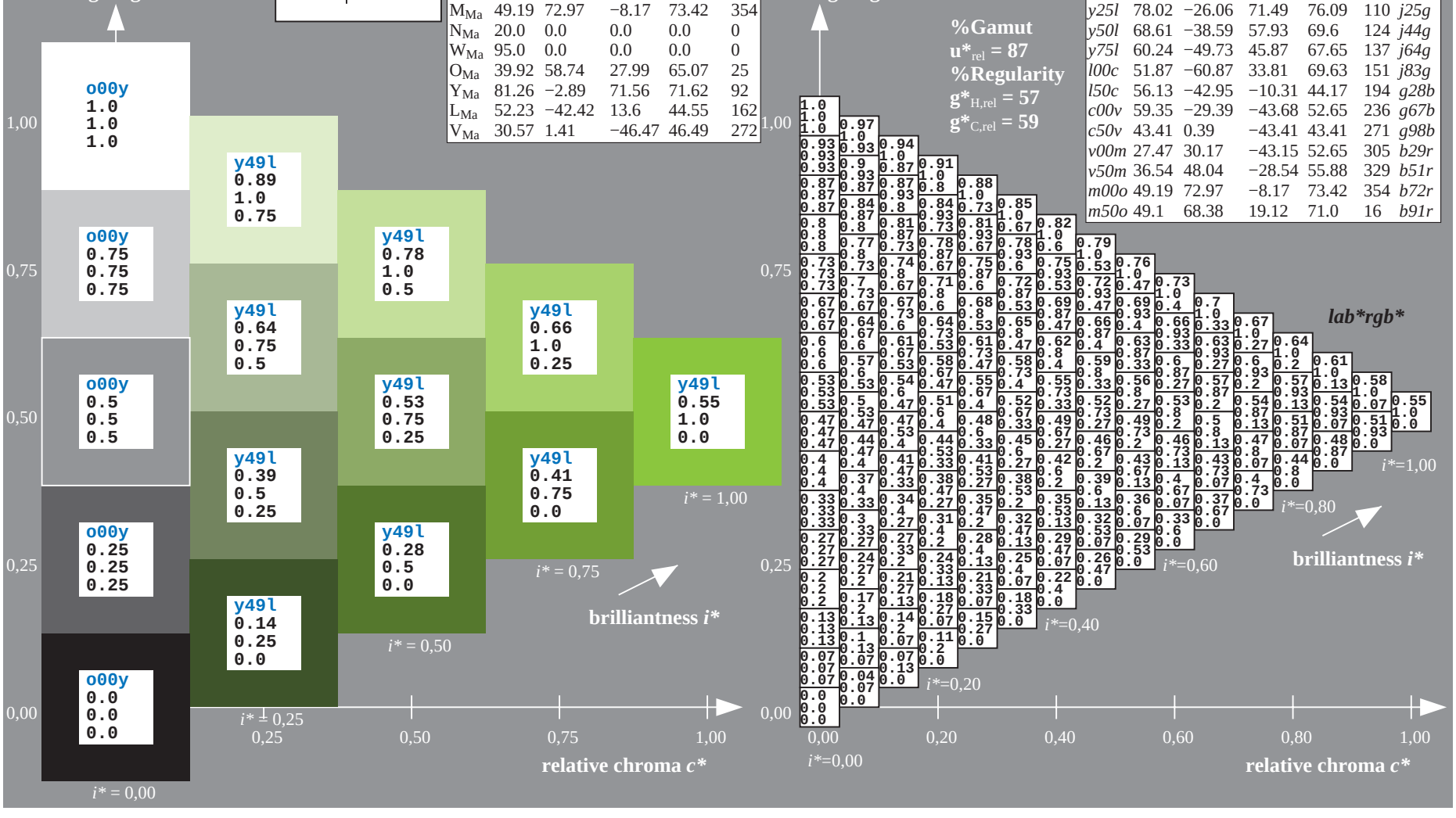
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 69 −39 58
*LAB*LCH**$_{Ma}$: 69 70 123
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.55 1.0 0.0
triangle lightness *t**

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

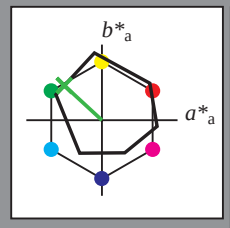
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.381**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j64g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

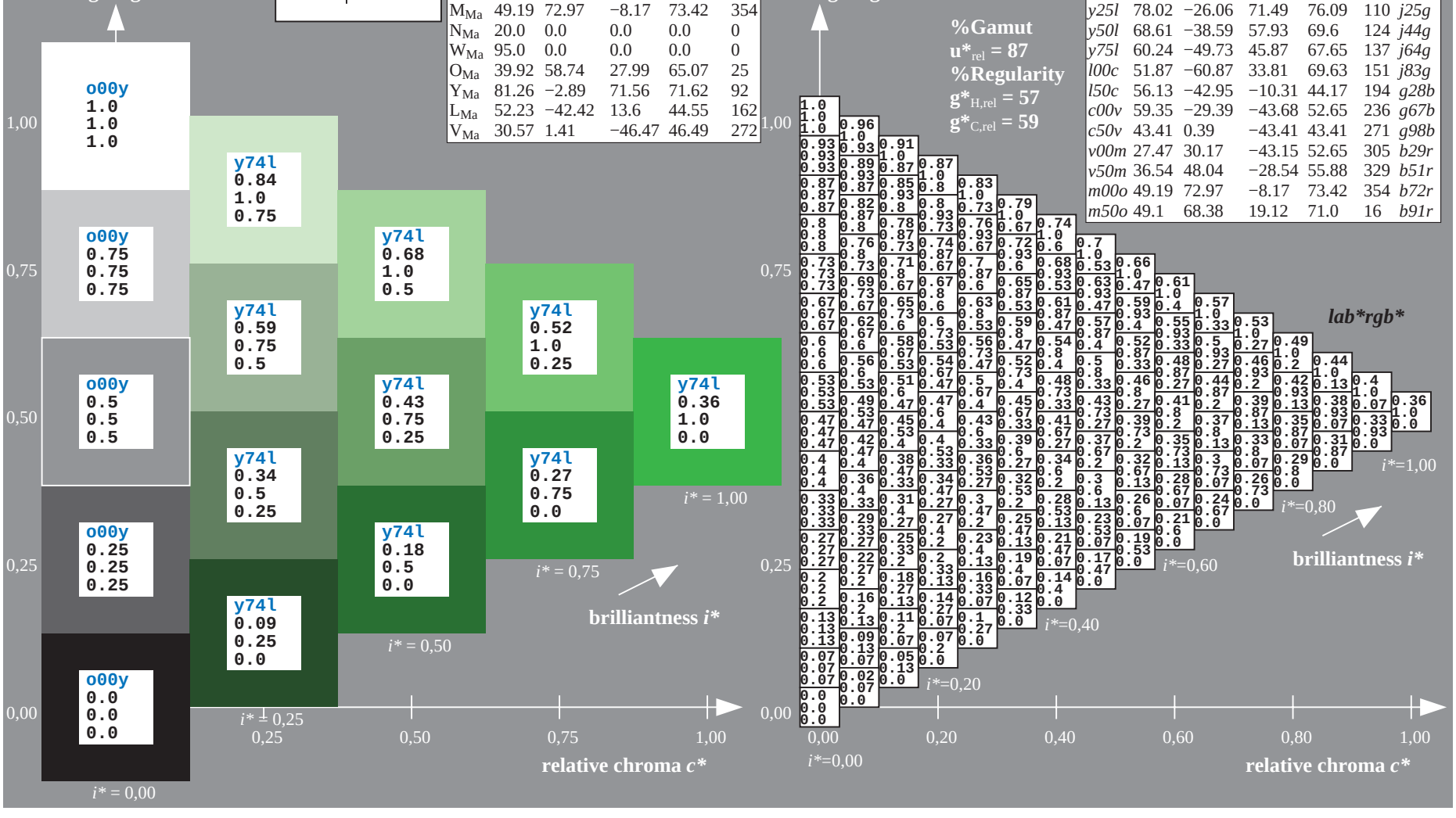
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −50 46
*LAB*LCH**$_{Ma}$: 60 68 137
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.36 1.0 0.0
triangle lightness *t**

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

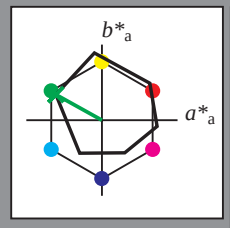
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j83g*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

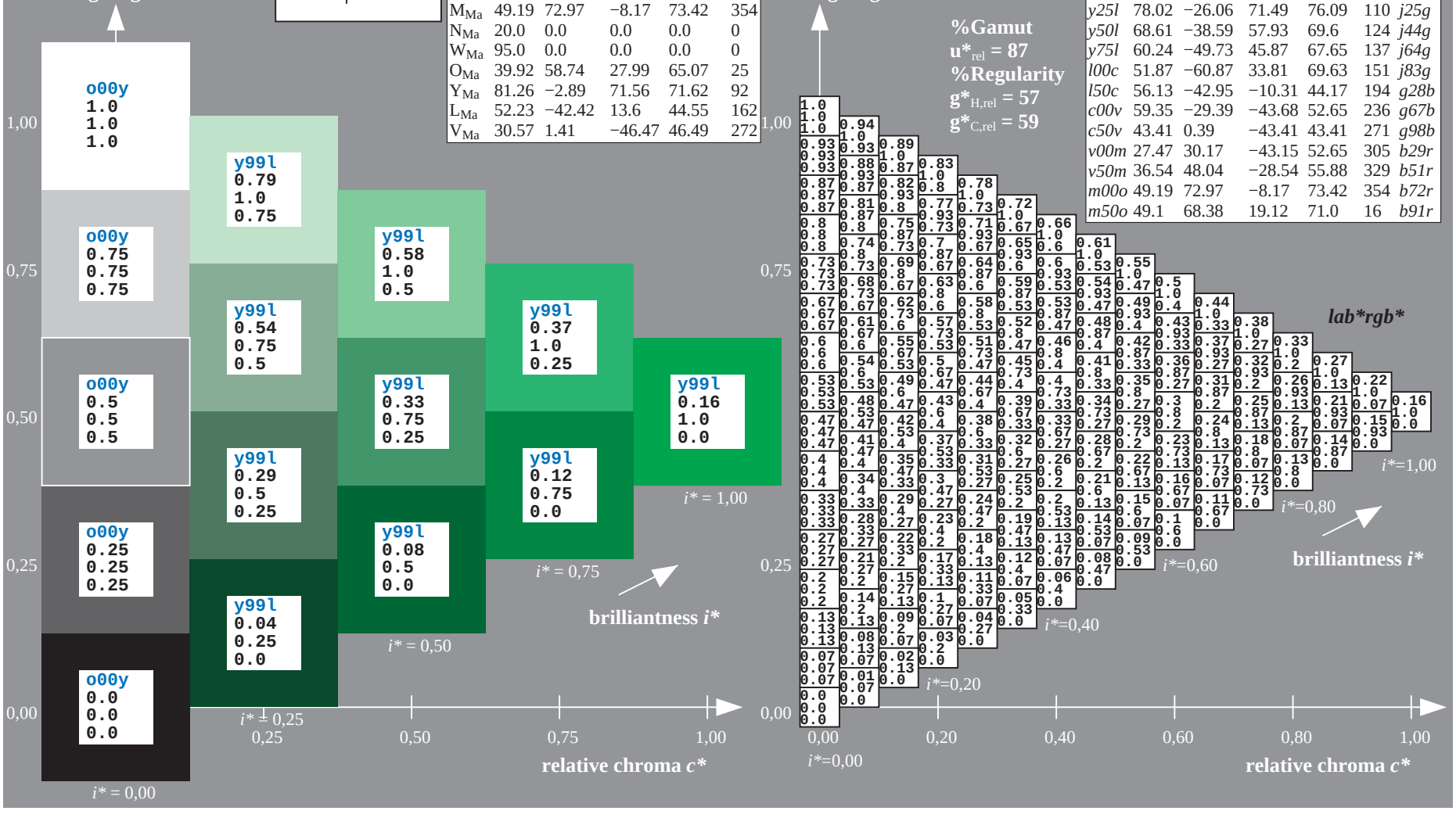
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −61 34
*LAB*LCH**$_{Ma}$: 52 70 150
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.16 1.0 0.0
triangle lightness *t**

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

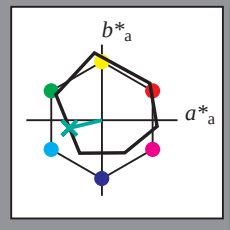
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.538**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

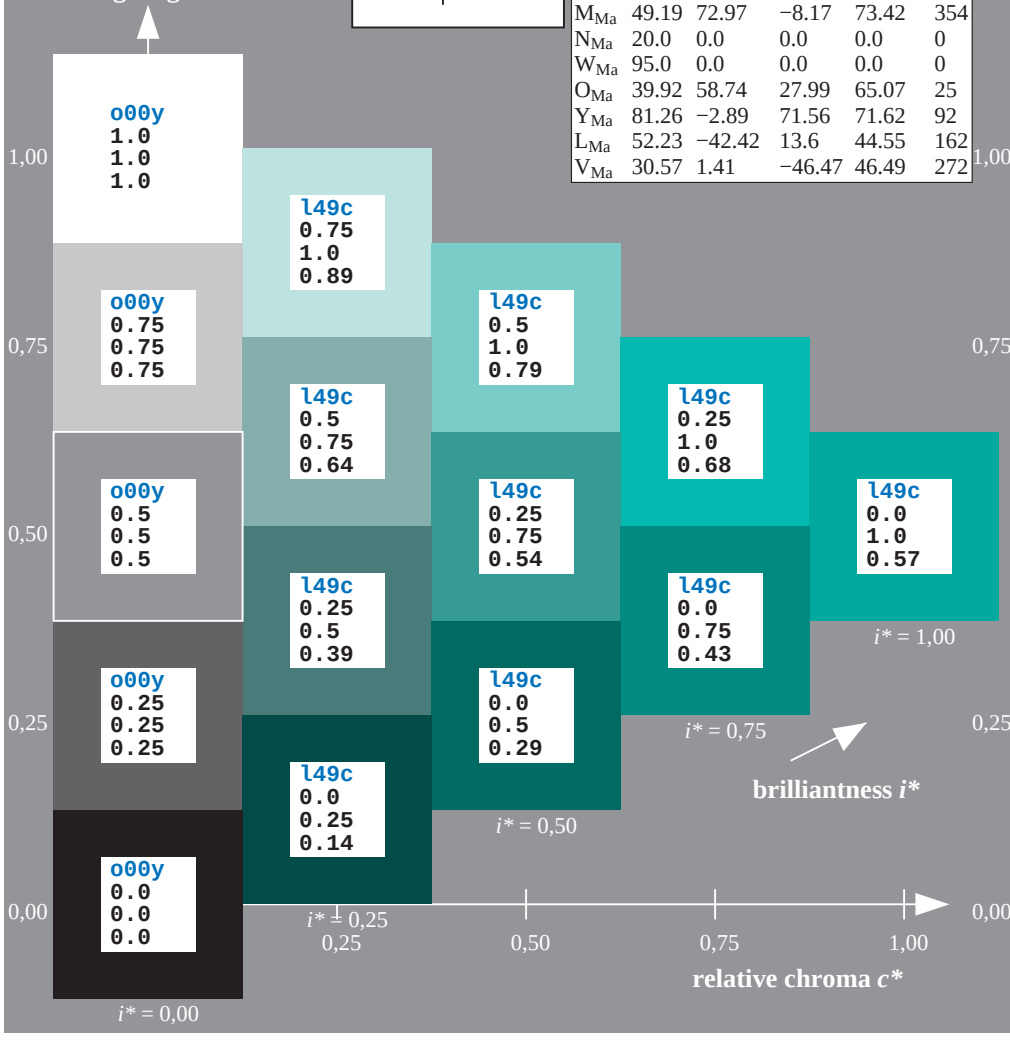
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 −43 −10
*LAB*LCH**$_{Ma}$: 56 44 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

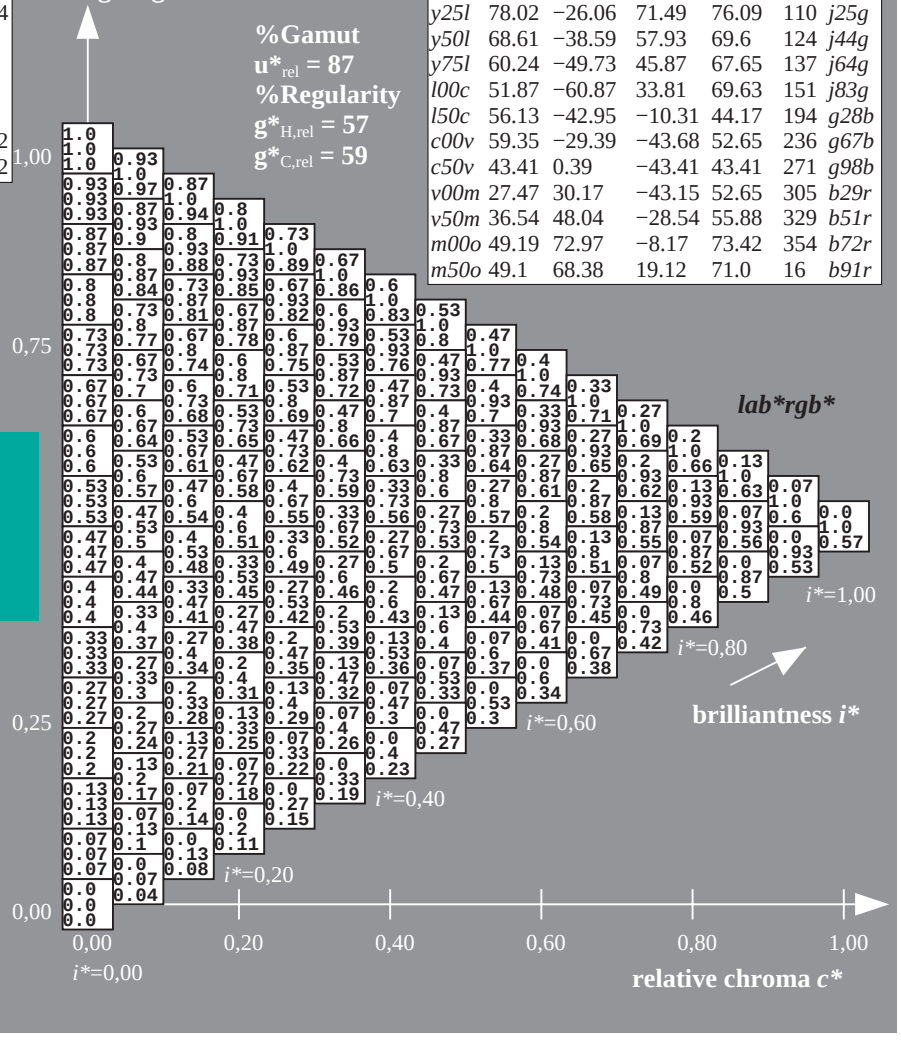
ORS18_95aM; adapted (a) CIELAB data

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

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

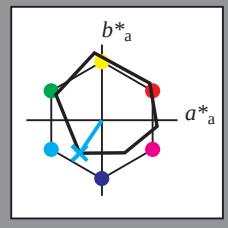
u^*_d = l50c
*lab*rgb**





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g67b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

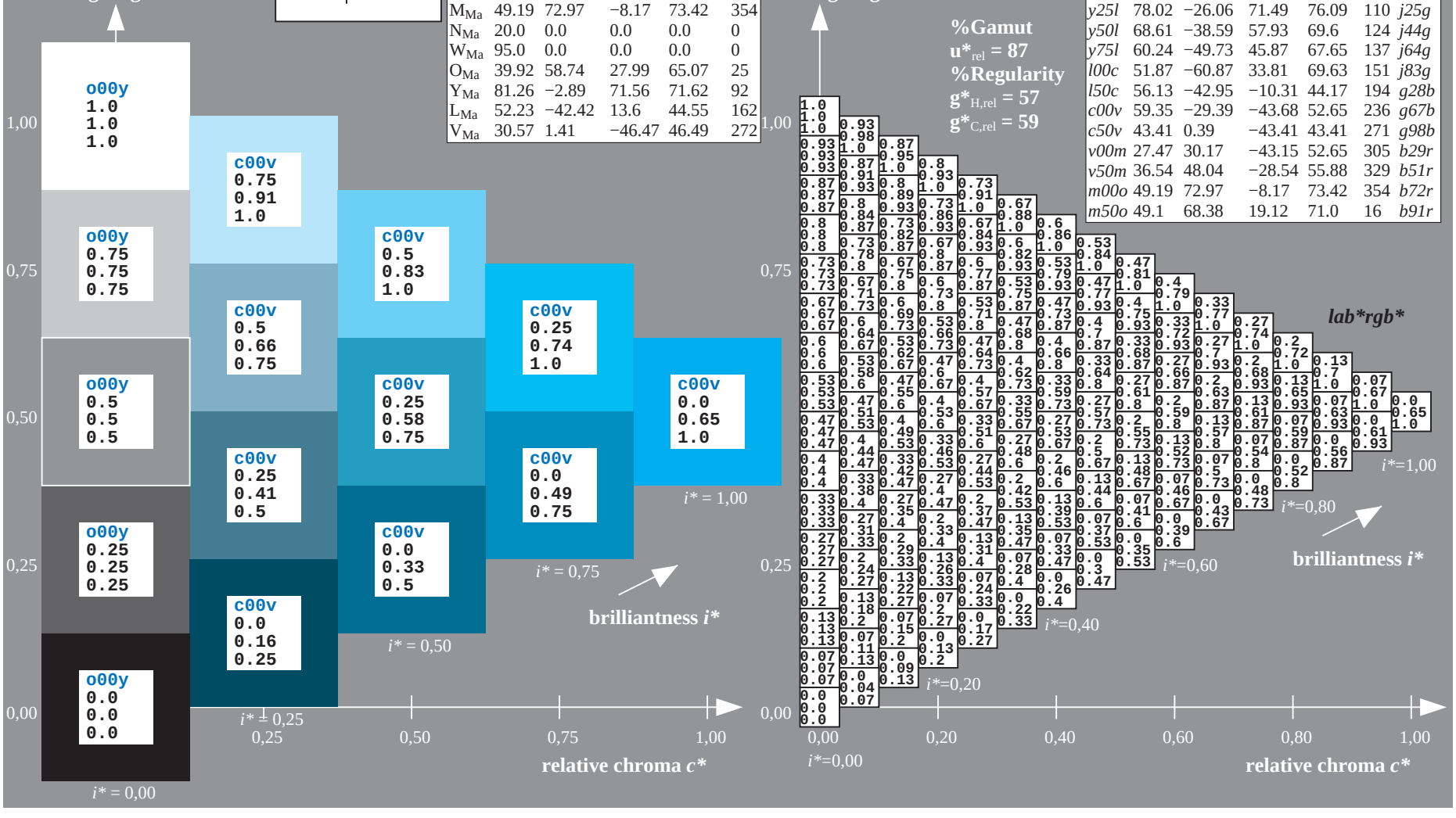
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 −29 −44
*LAB*LCH**$_{Ma}$: 59 53 236
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.65 1.0
triangle lightness *t**

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

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

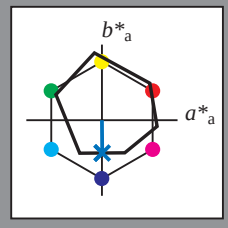
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g98b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

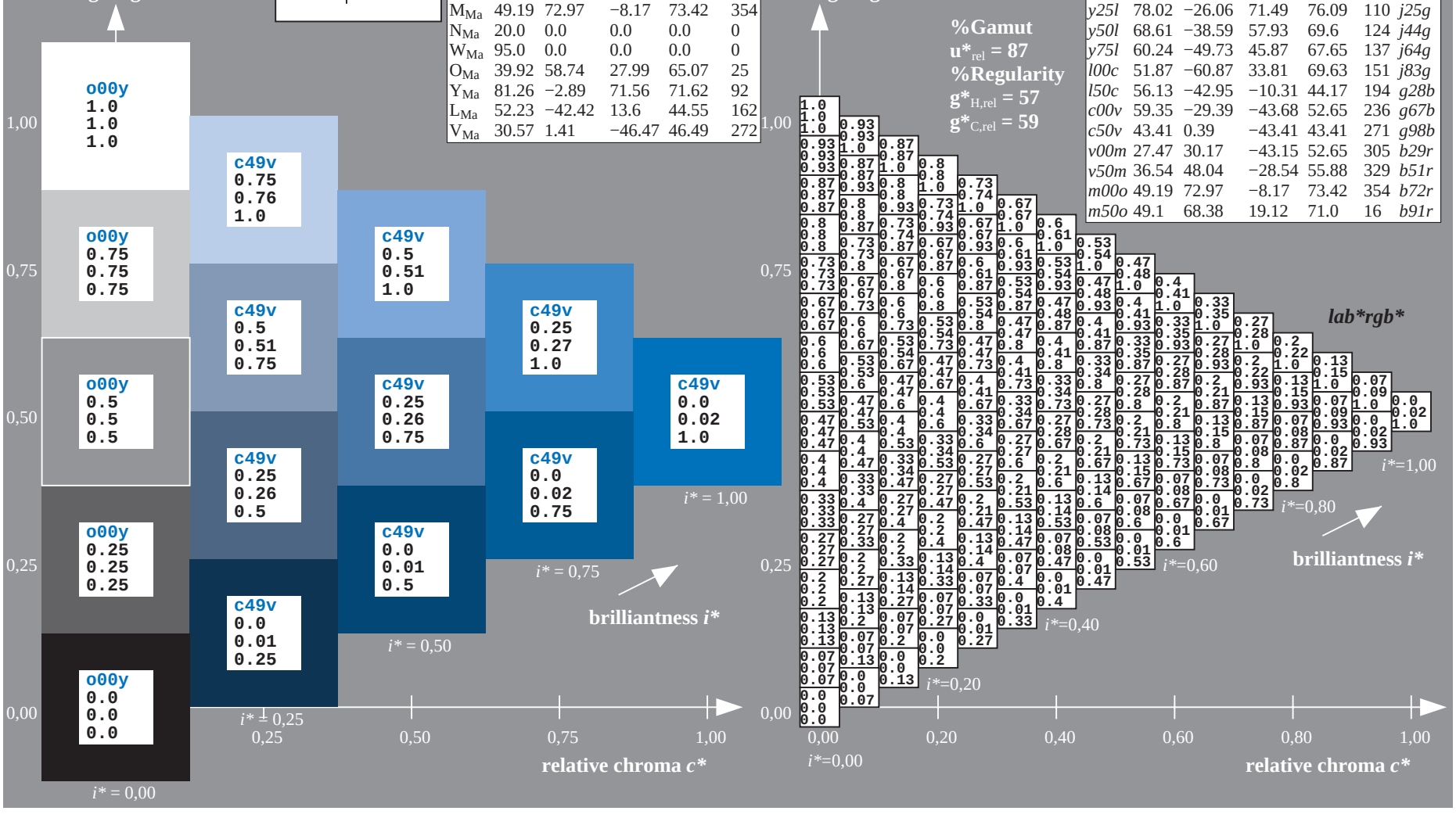
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 0 −43
*LAB*LCH**$_{Ma}$: 43 43 270
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.02 1.0
triangle lightness *t**

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

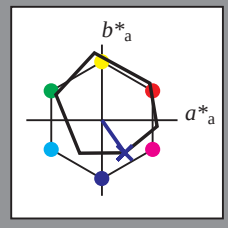
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b29r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



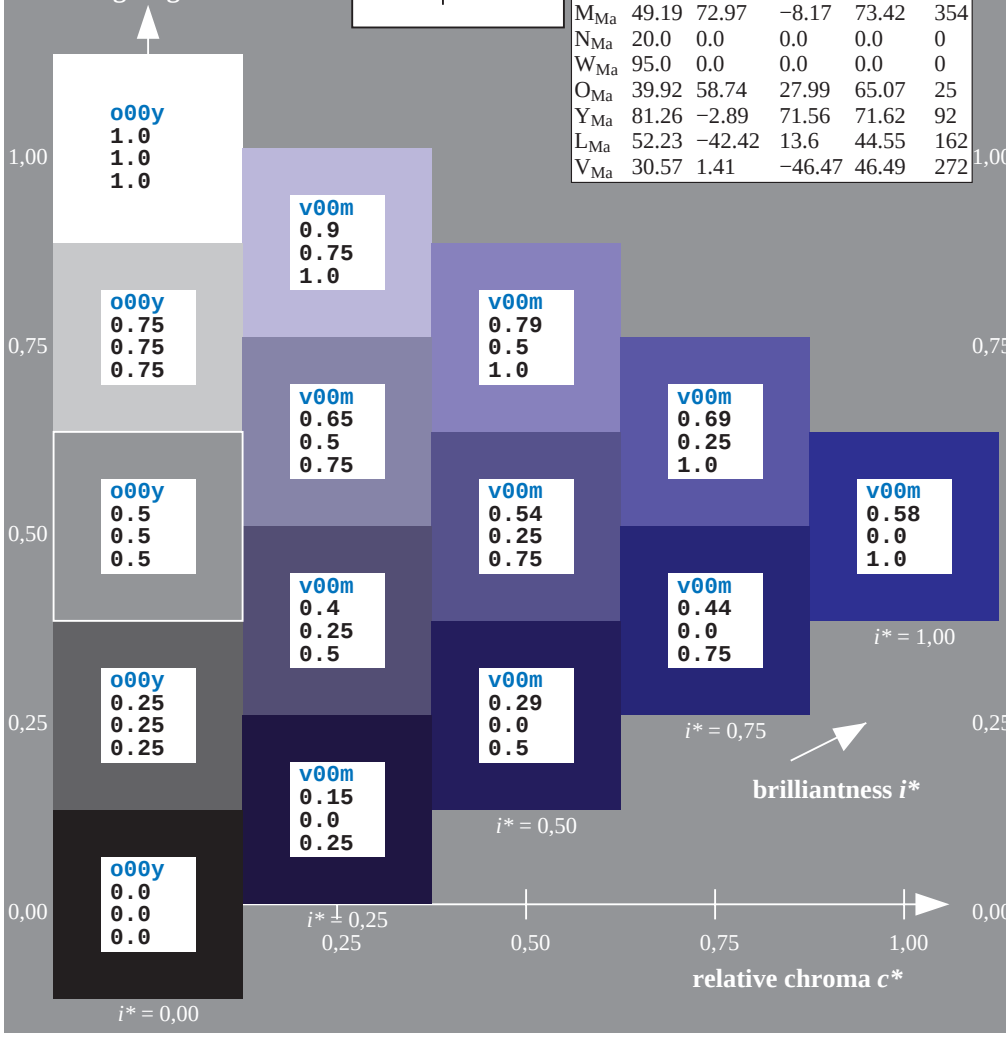
ORS18_95aM; adapted (a) CIELAB data

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

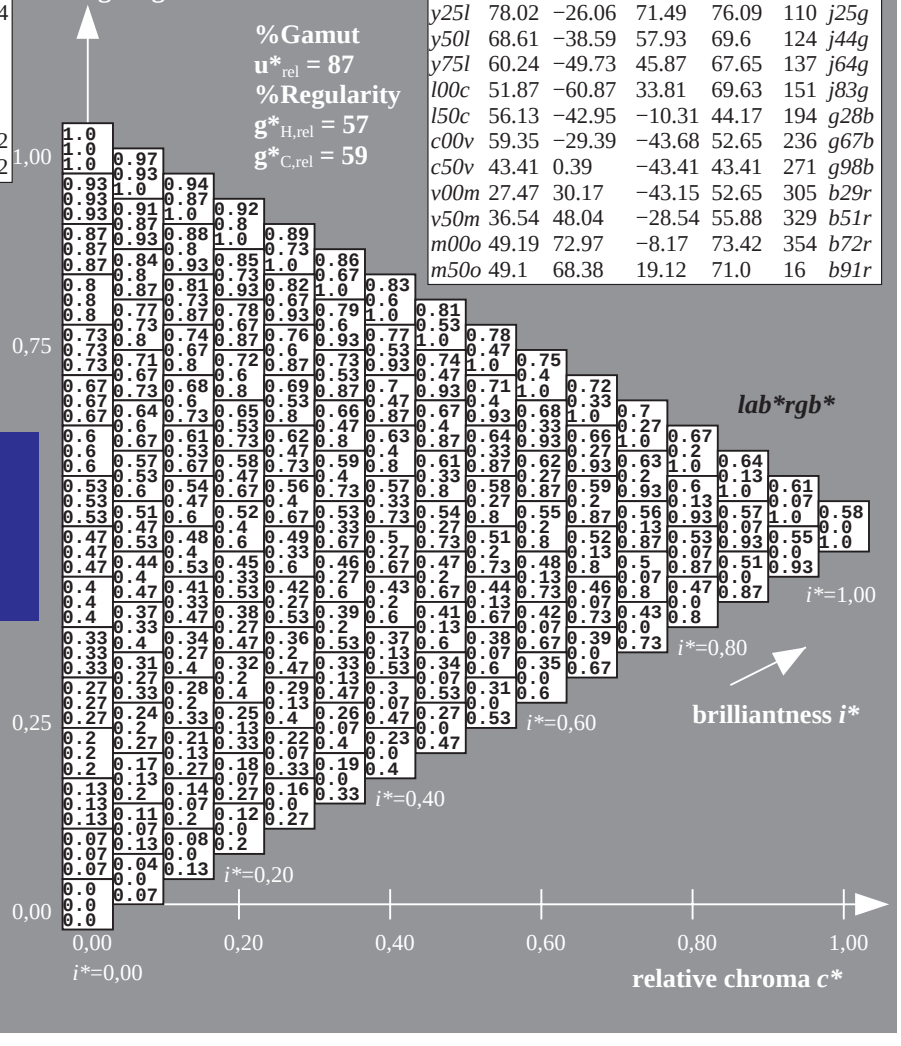
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 27 30 −43
*LAB*LCH**$_{Ma}$: 27 53 304
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.58 0.0 1.0
triangle lightness *t**

ORS18_95aM; adapted (a) CIELAB data

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



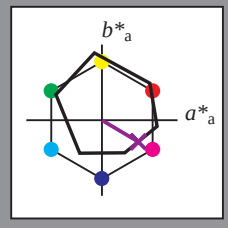
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



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

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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b51r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

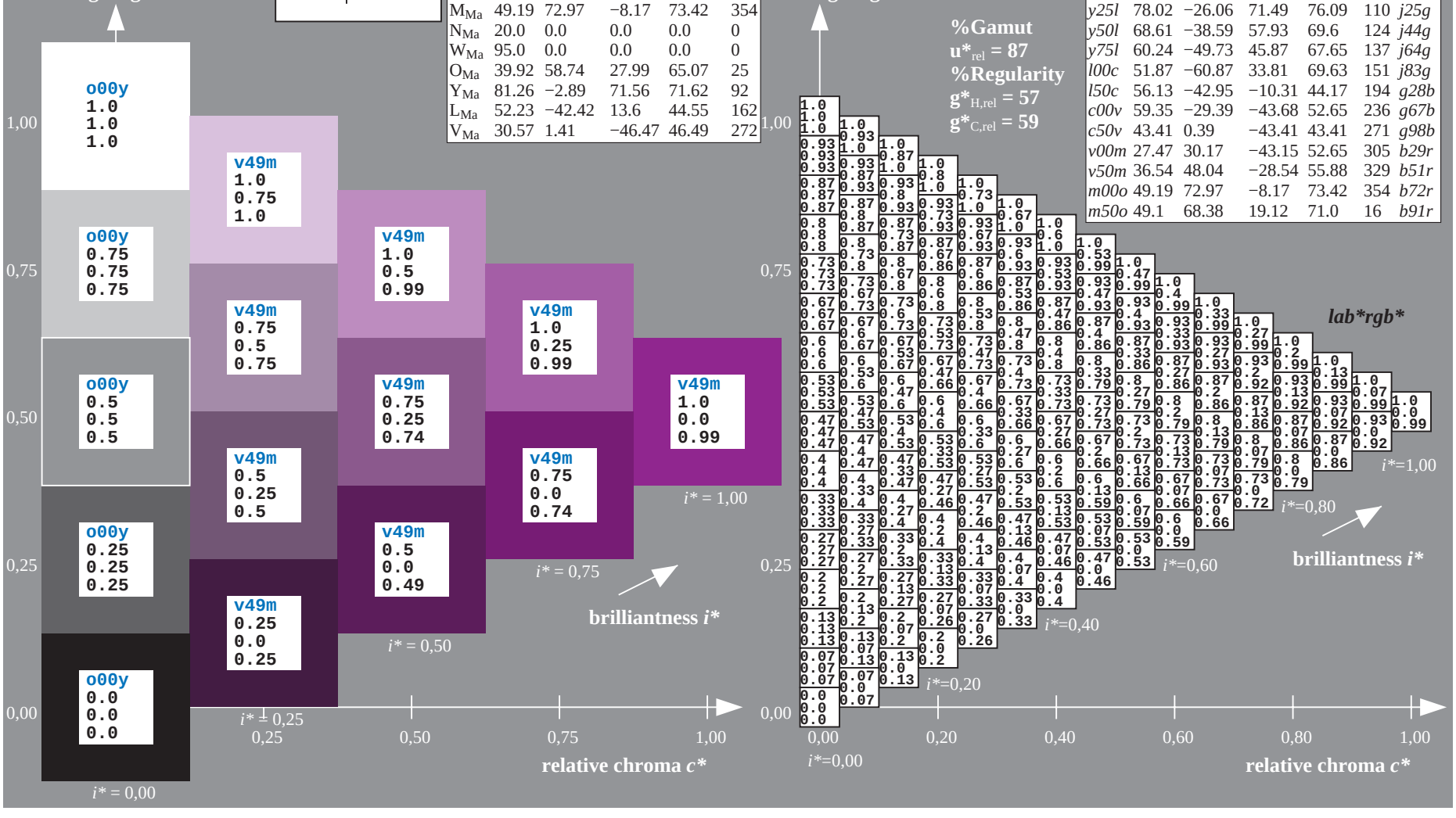
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 37 48 −29
*LAB*LCH**$_{Ma}$: 37 56 329
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.99
triangle lightness *t**

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

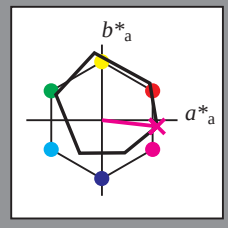
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b72r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

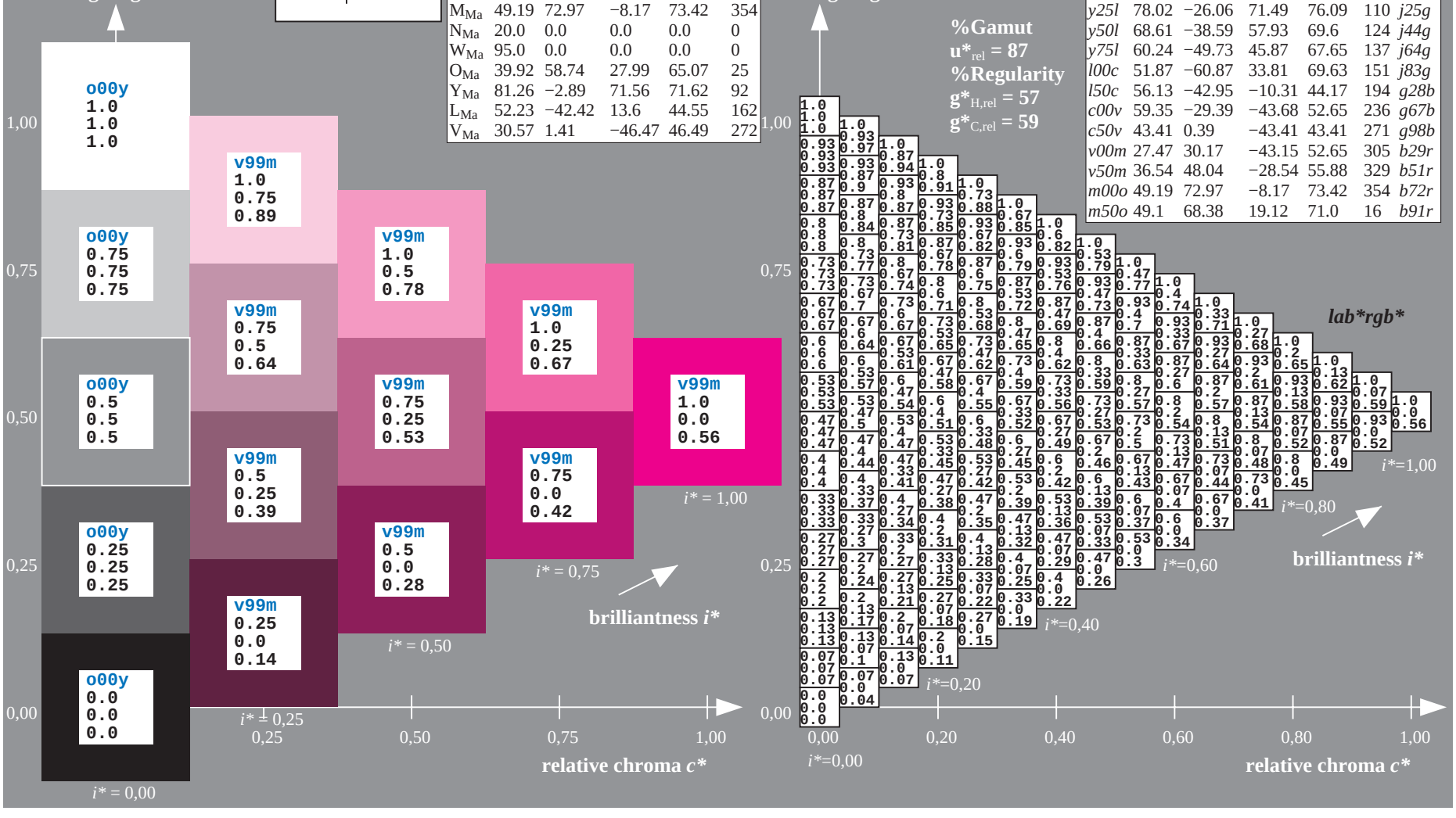
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 73 −8
*LAB*LCH**$_{Ma}$: 49 73 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.56
triangle lightness *t**

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

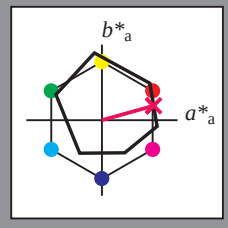
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b91r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

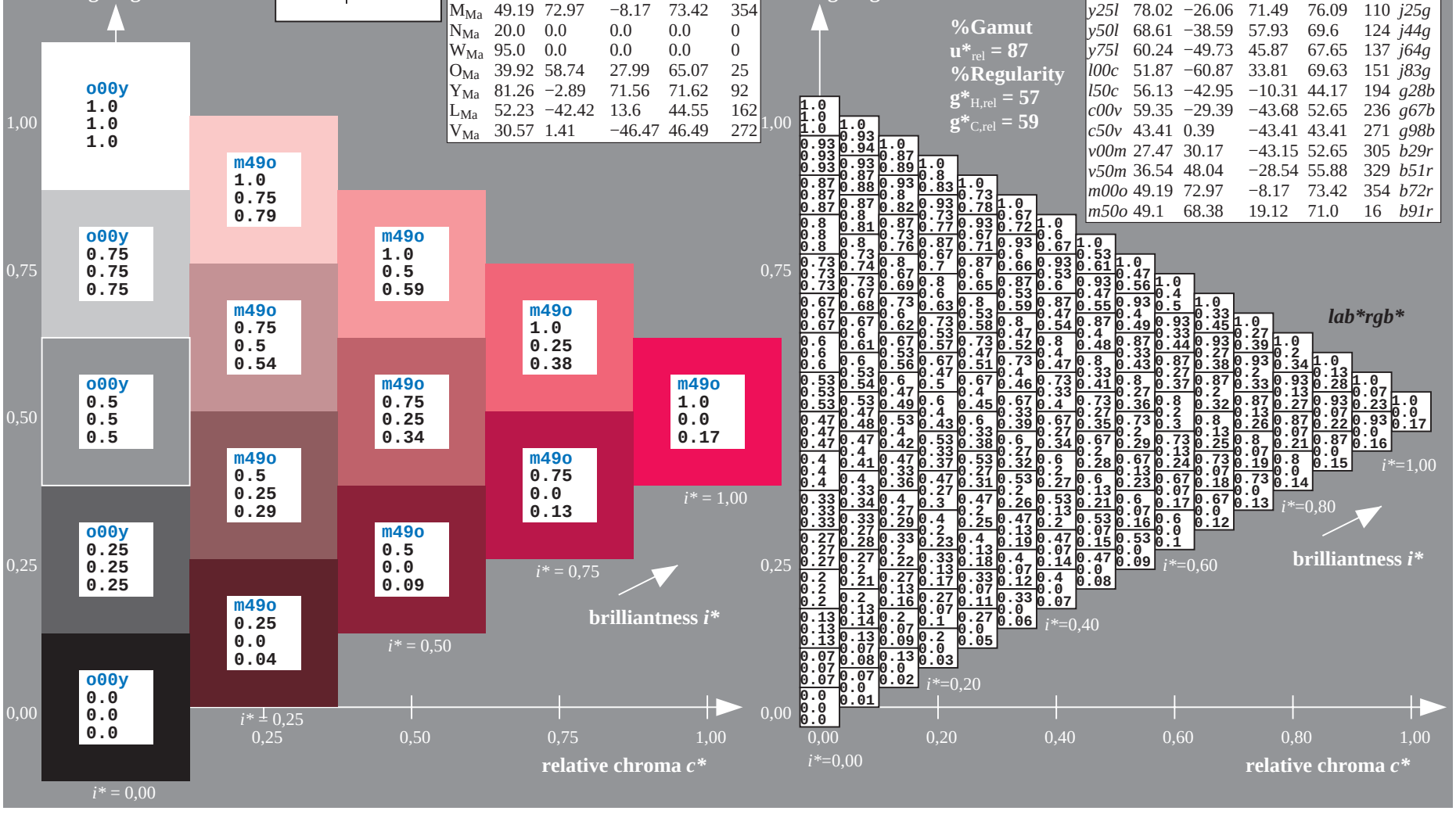
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

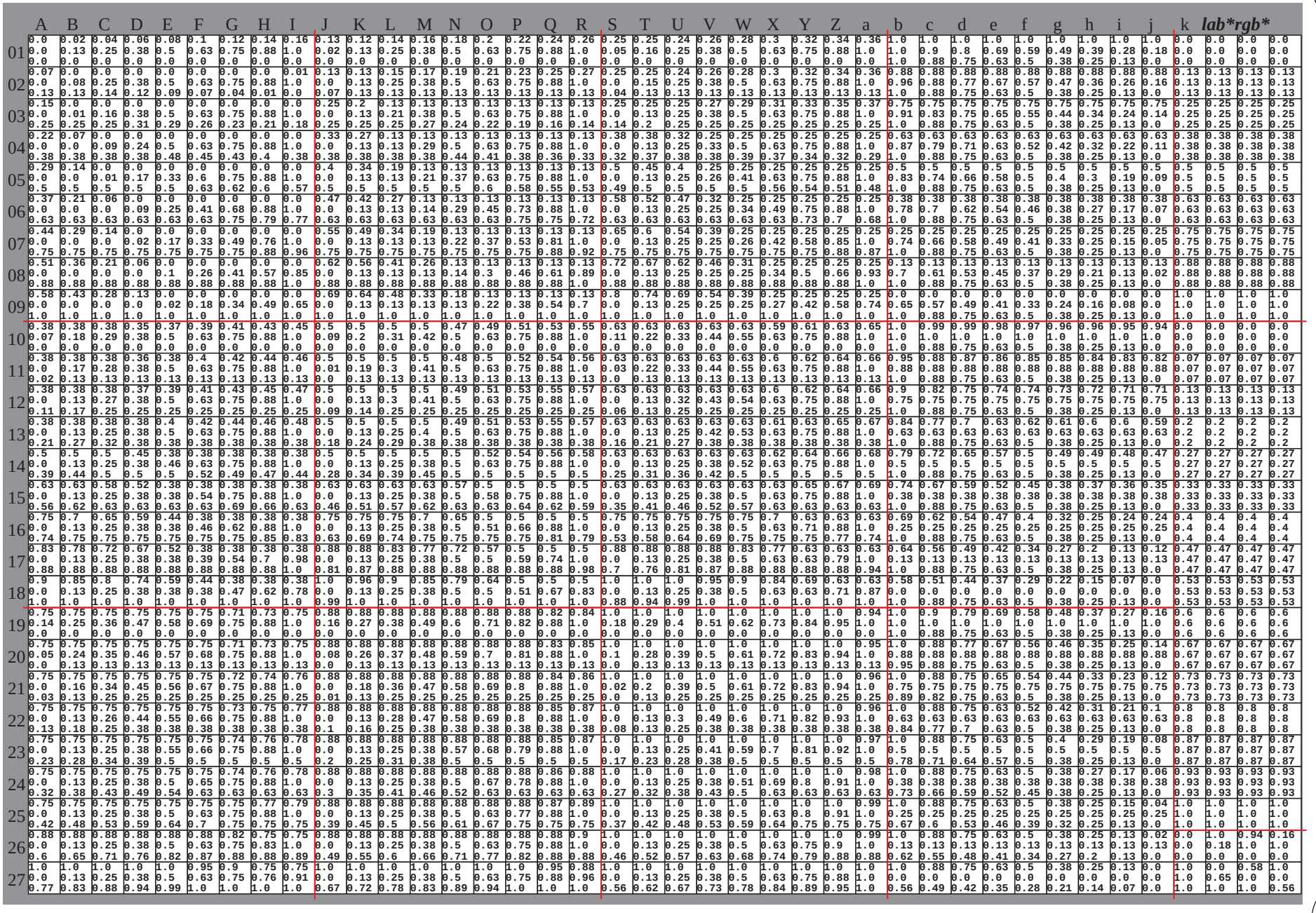
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 68 19
*LAB*LCH**$_{Ma}$: 49 71 15
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.17
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

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

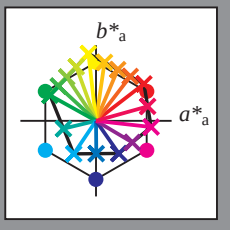




Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
***u**d* and number *no.* = 00 .. 15**
device hue text:
u**d* = 16 hues *o00y, o25y, ..., m50o
contrast reduction factor:
c_R = 0.97

ORS18_95aM; adapted (a) CIELAB data

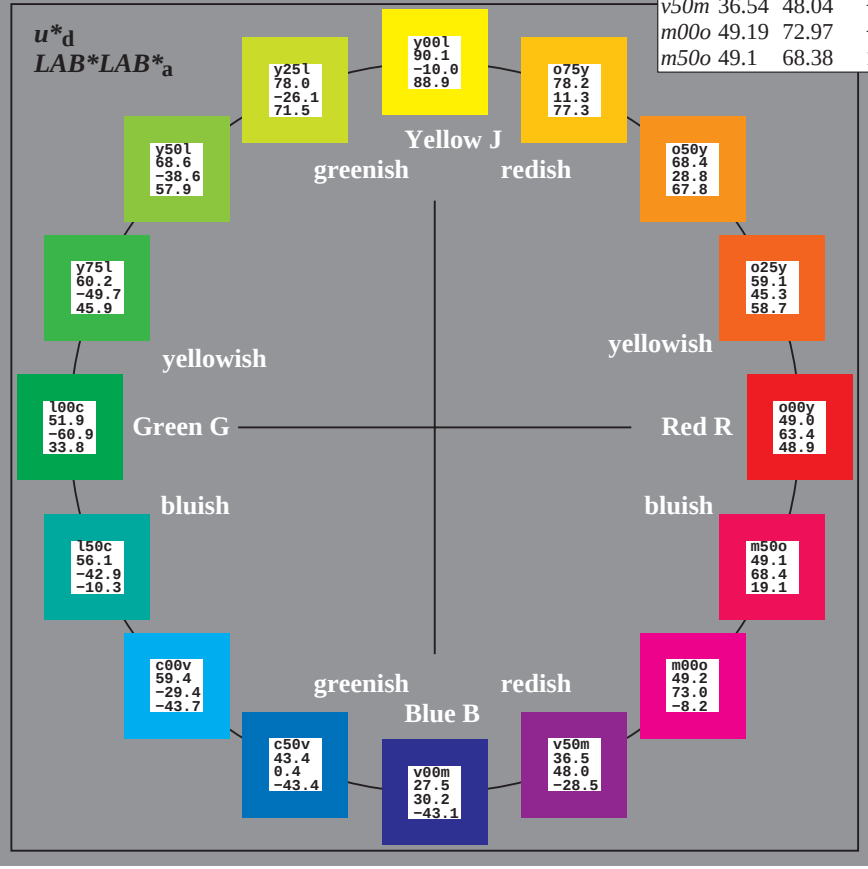
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l	68.61	−38.59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

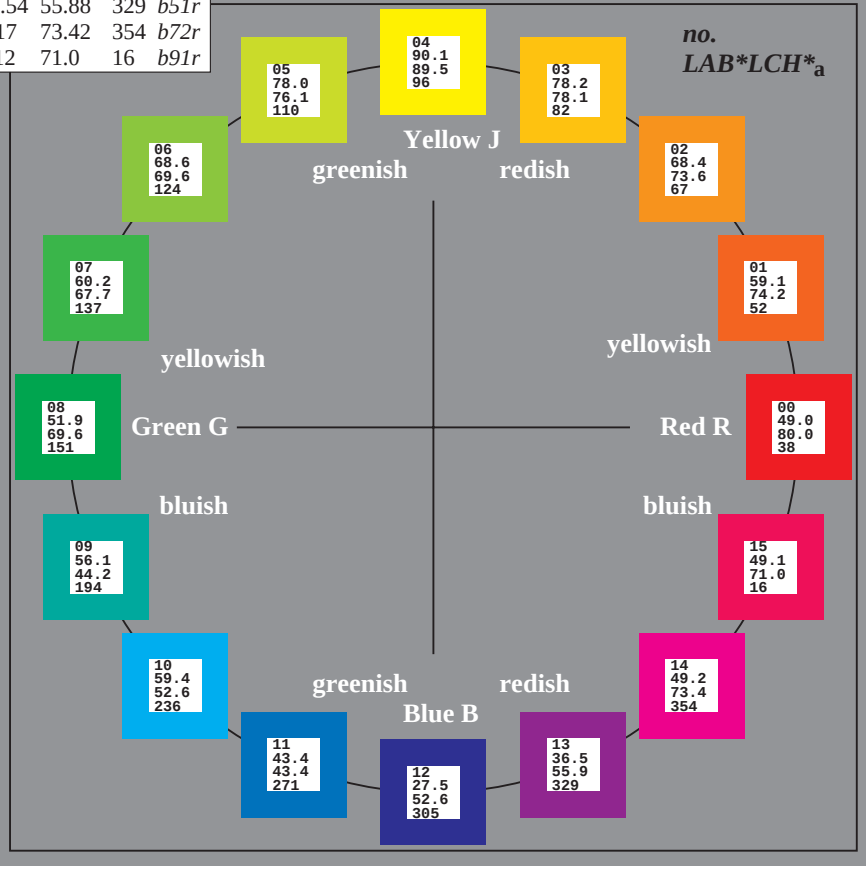


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

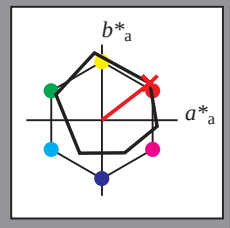
Name	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.105$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r18j$
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



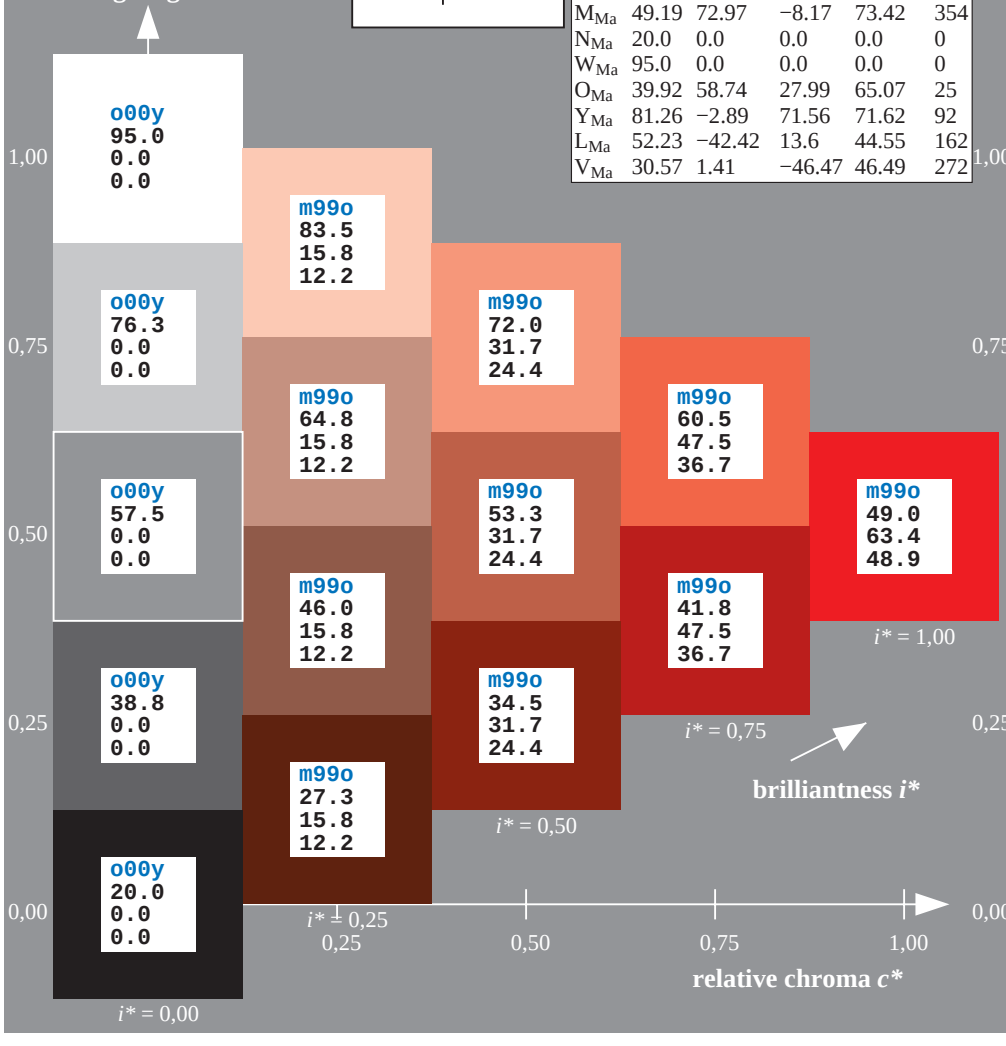
ORS18_95aM; adapted (a) CIELAB data

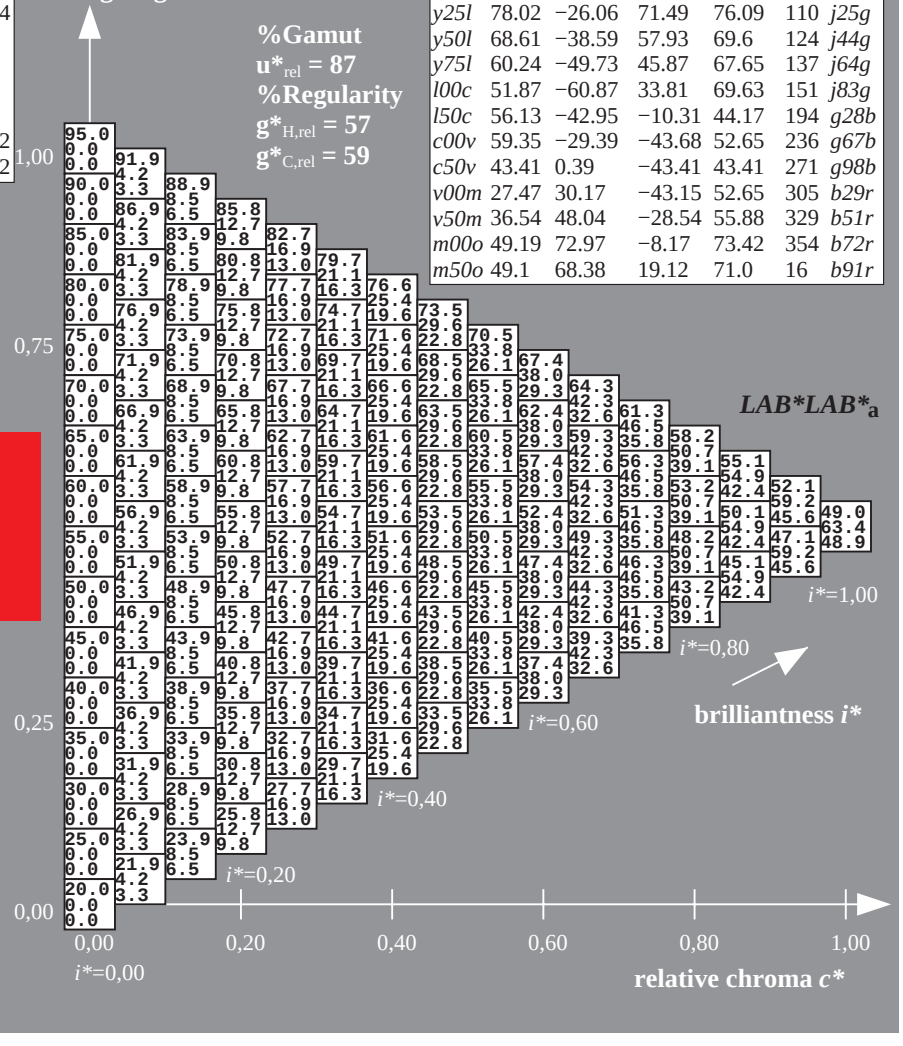
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 49 63 49
$LAB^*LCH^*_{Ma}$: 49 80 37
$lab^*olv^*_{Ma}$: 1.0 0.0 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.18 0.0
triangle lightness *t**

ORS18_95aM; adapted (a) CIELAB data

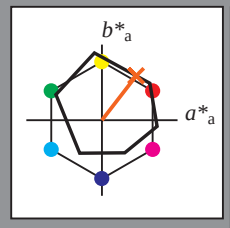
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r40j*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

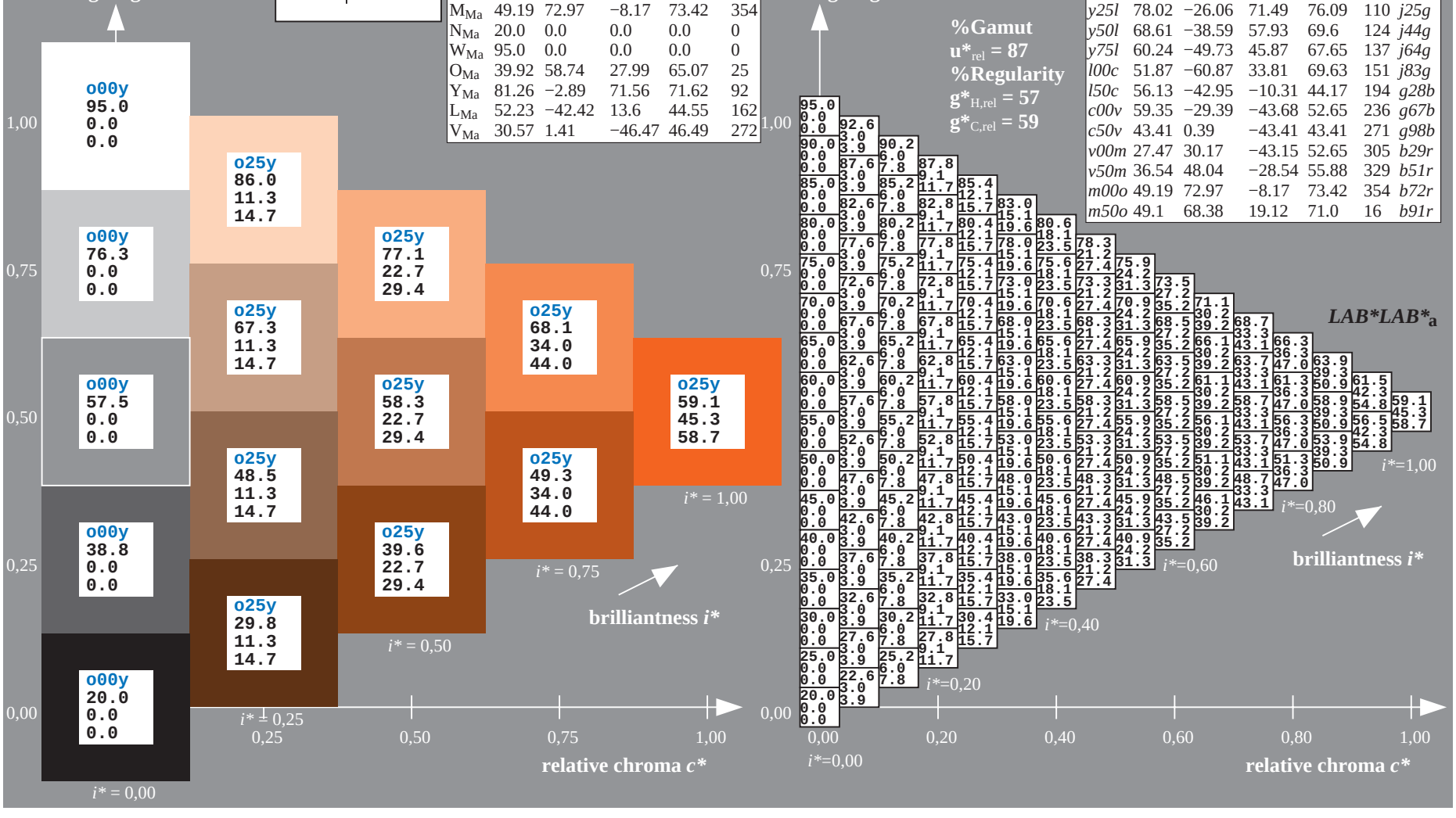
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 45 59
*LAB*LCH**$_{Ma}$: 59 74 52
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.4 0.0
triangle lightness *t**

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

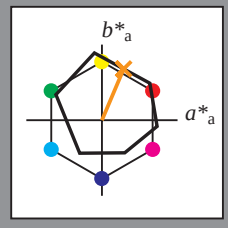
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r62j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



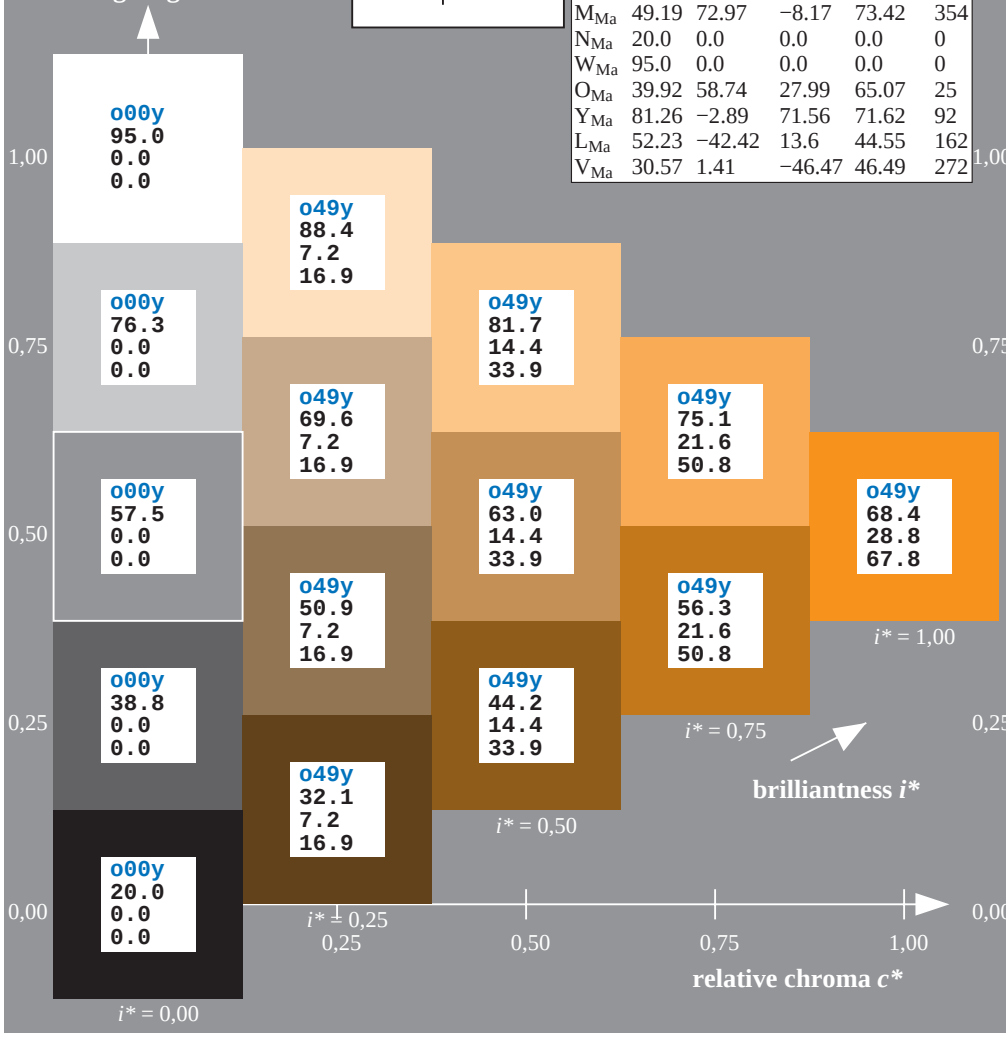
ORS18_95aM; adapted (a) CIELAB data

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

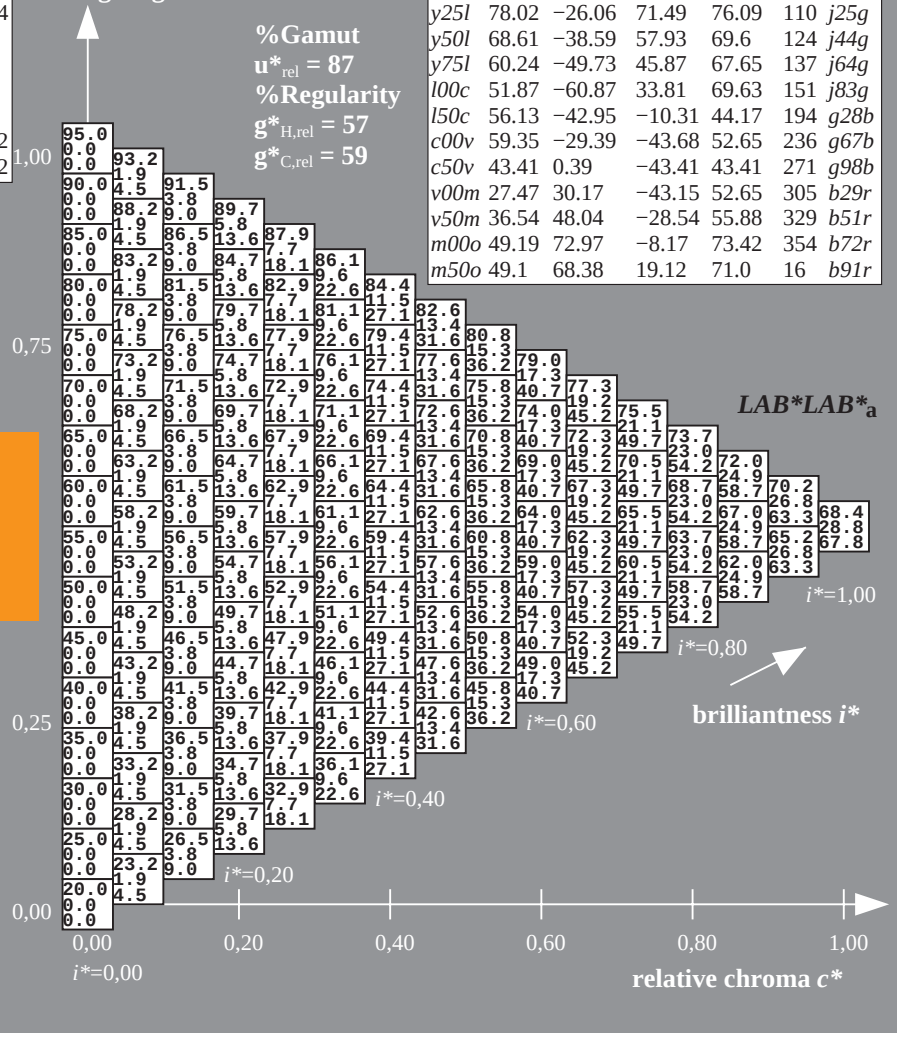
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 68 29 68
*LAB*LCH**$_{Ma}$: 68 74 67
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.62 0.0
triangle lightness *t**

ORS18_95aM; adapted (a) CIELAB data

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

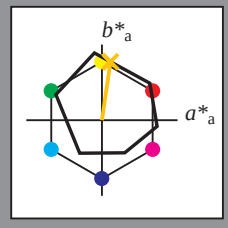


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r83j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



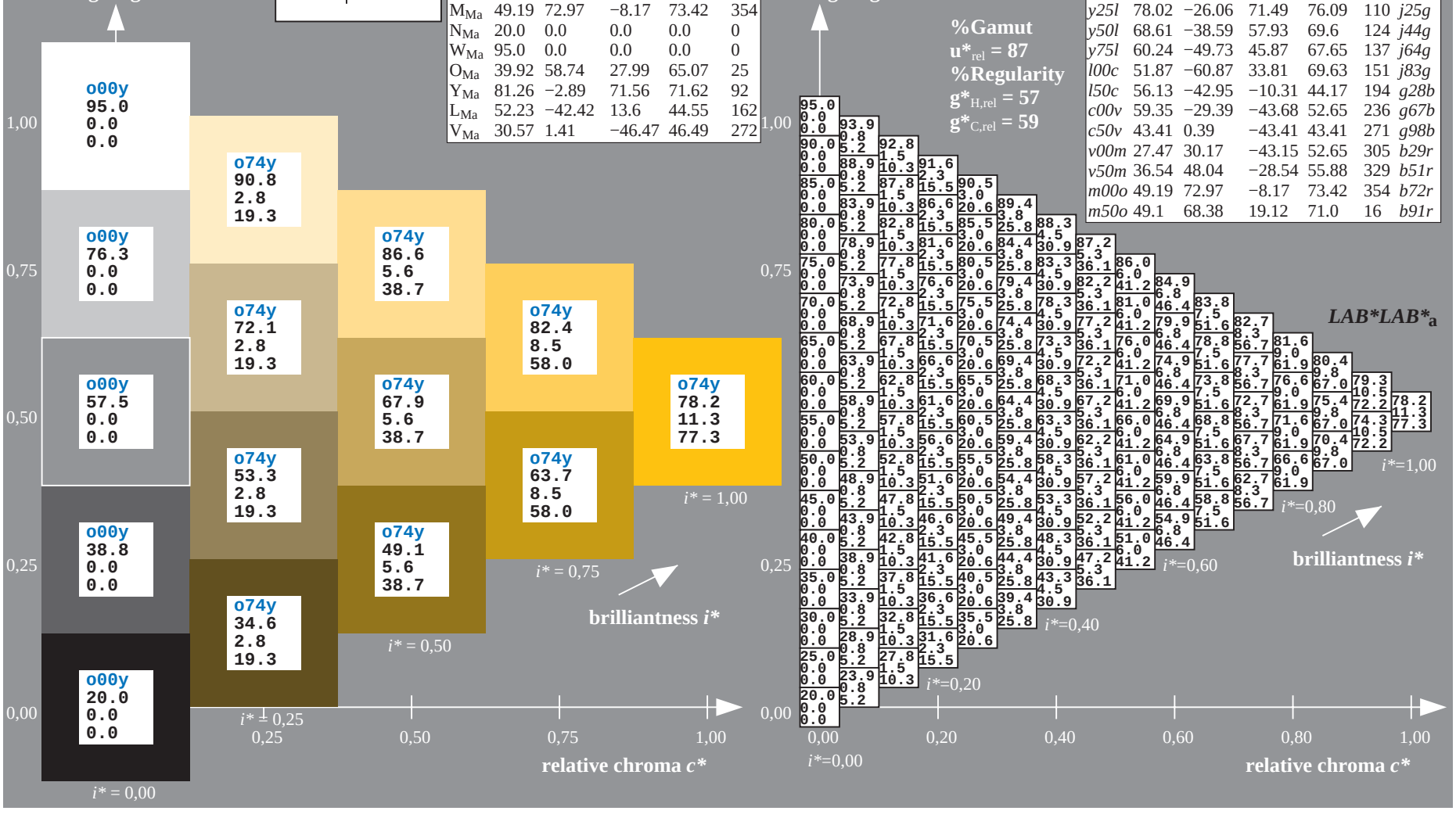
ORS18_95aM; adapted (a) CIELAB data

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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 11 77
*LAB*LCH**$_{Ma}$: 78 78 81
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.84 0.0
triangle lightness *t**

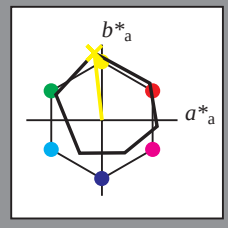
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

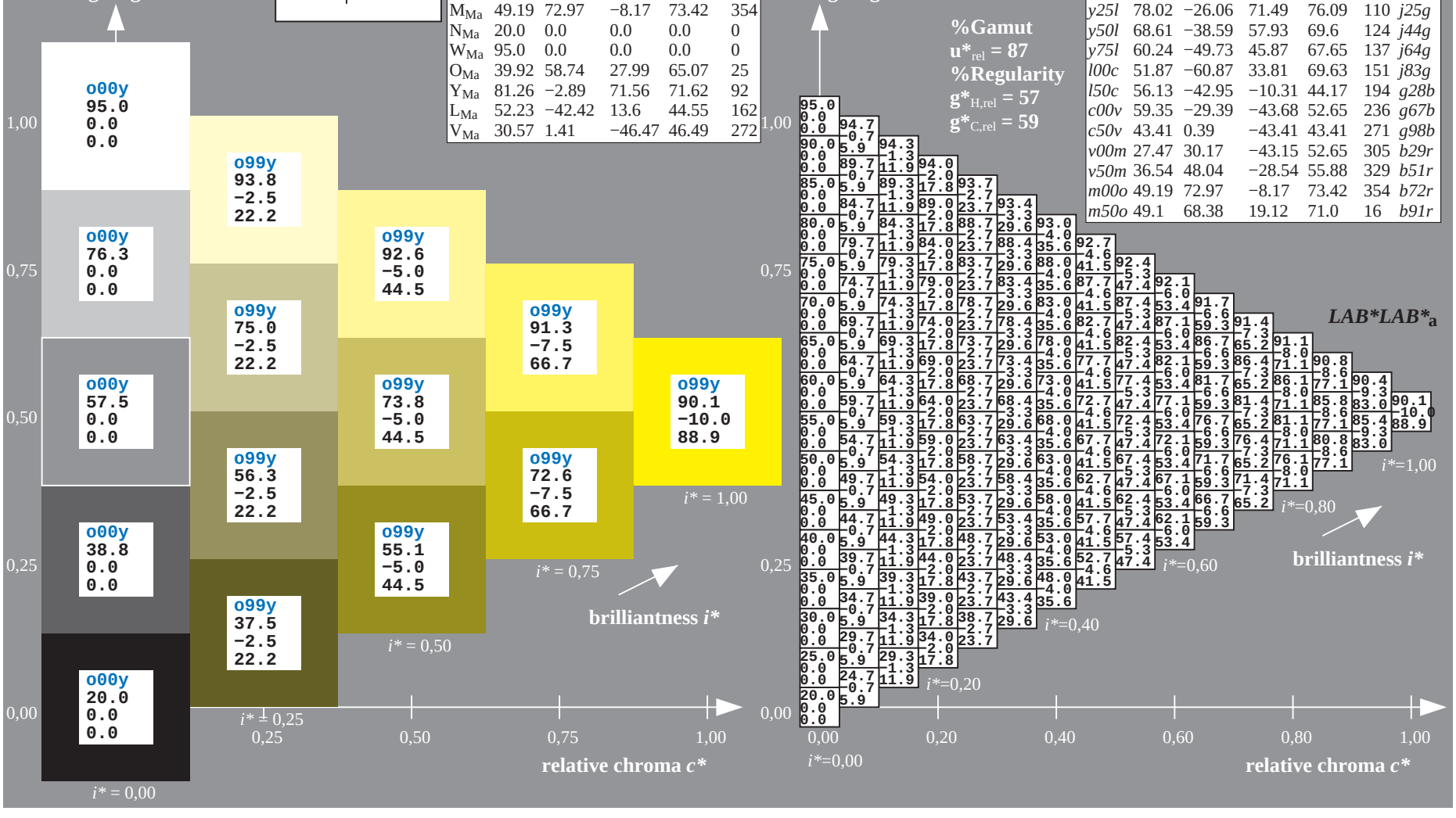
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 90 −10 89
*LAB*LCH**$_{Ma}$: 90 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

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

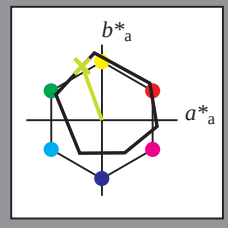
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

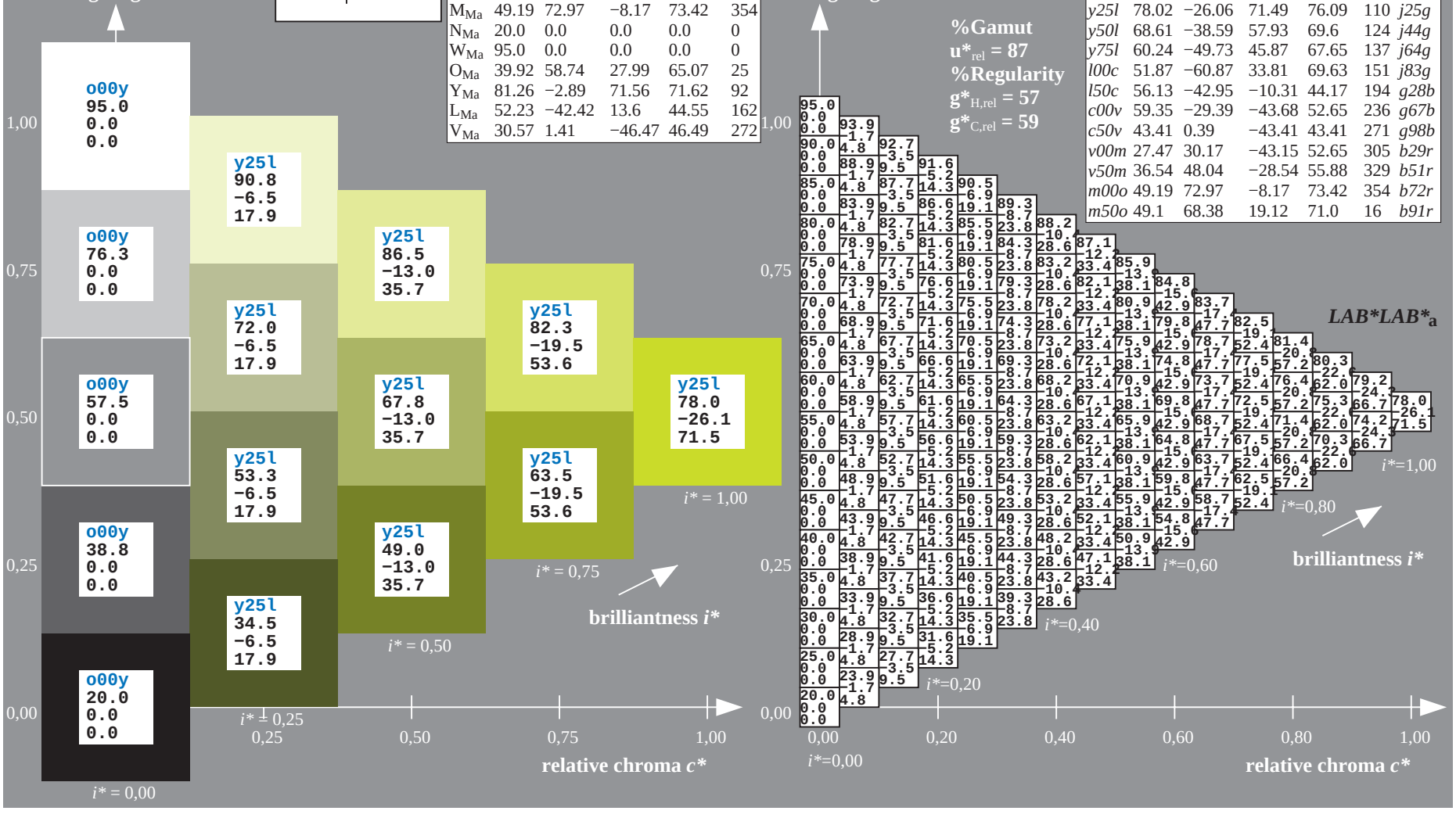
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 −26 71
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.75 1.0 0.0
triangle lightness *t**

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

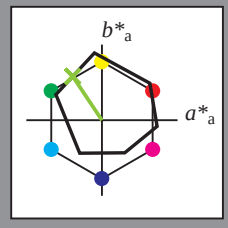
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j44g$
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

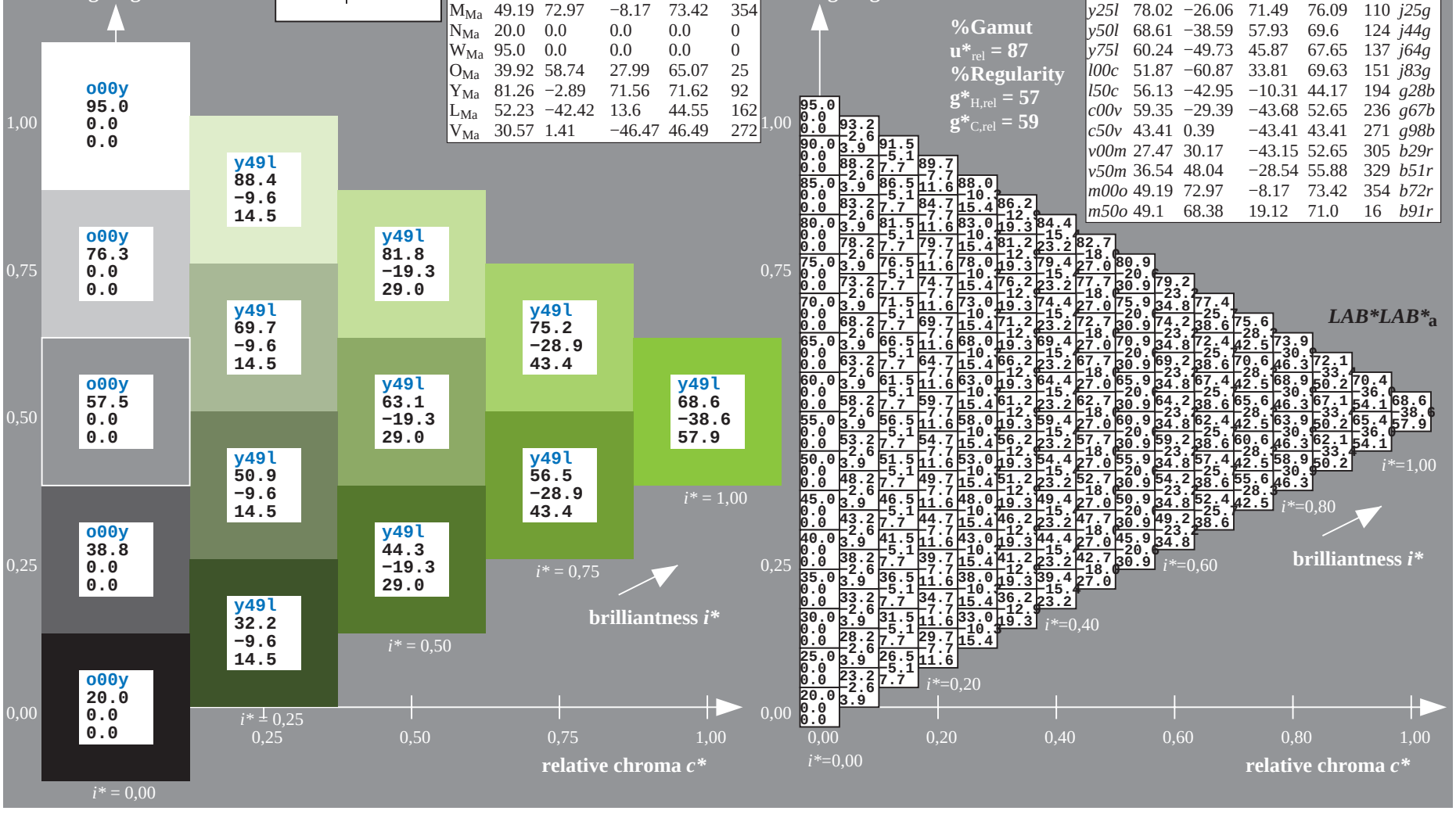
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 69 −39 58
$LAB^*LCH^*_{Ma}$: 69 70 123
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.55 1.0 0.0
triangle lightness *t**

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

$u^*_d = y50l$
$LAB^*LAB^*_a$

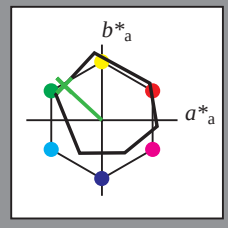
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.381**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j64g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

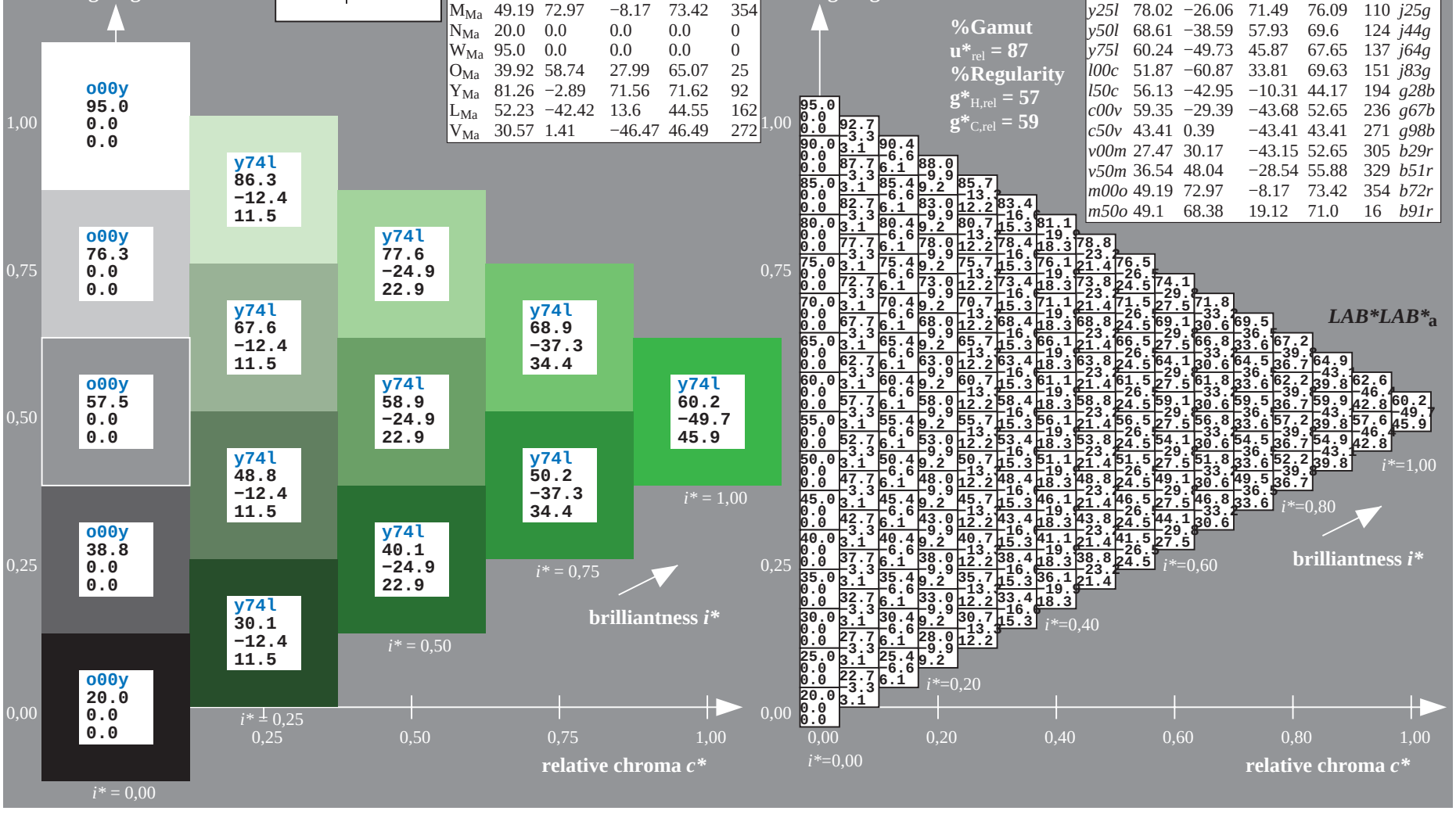
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −50 46
*LAB*LCH**$_{Ma}$: 60 68 137
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.36 1.0 0.0
triangle lightness *t**

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

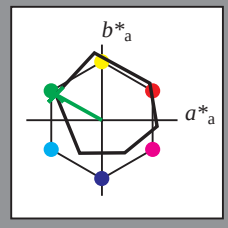
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j83g*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

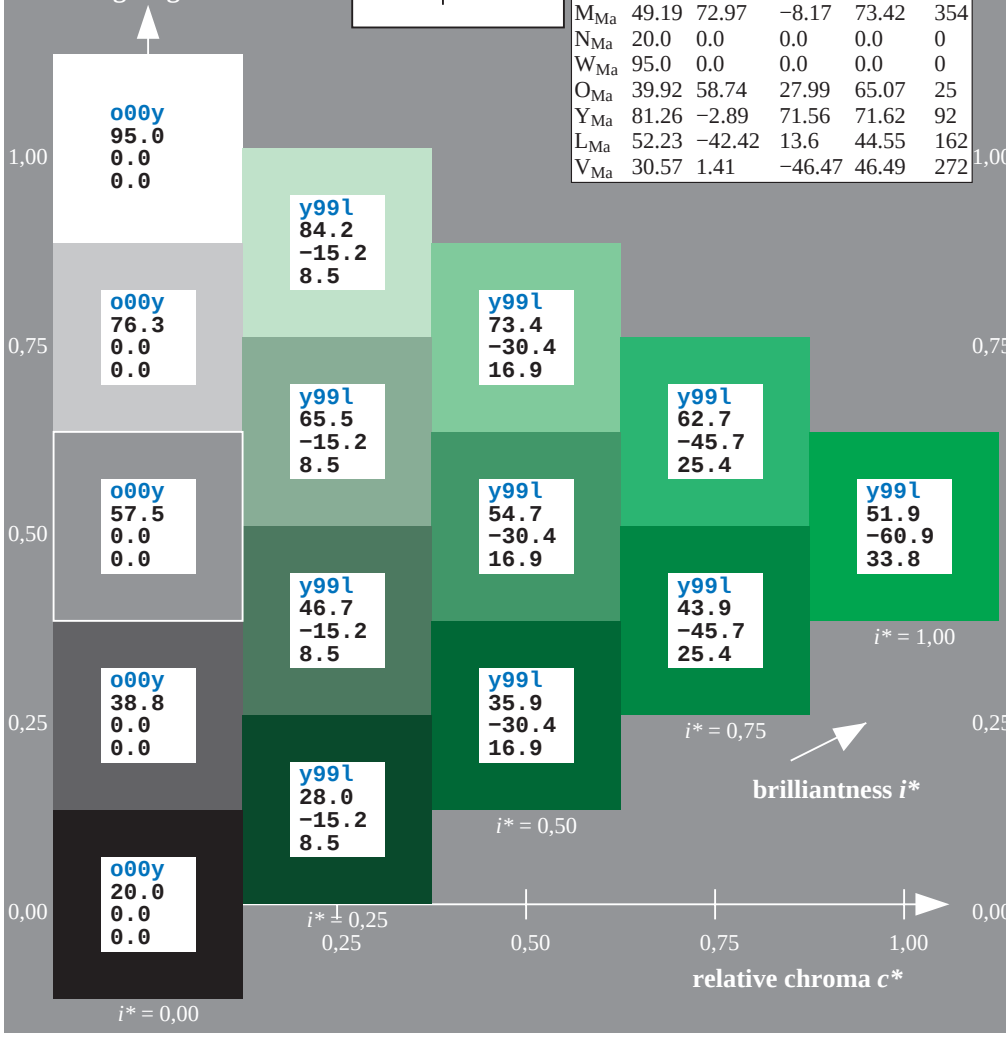
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 52 −61 34
$LAB^*LCH^*_{Ma}$: 52 70 150
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.16 1.0 0.0
triangle lightness *t**

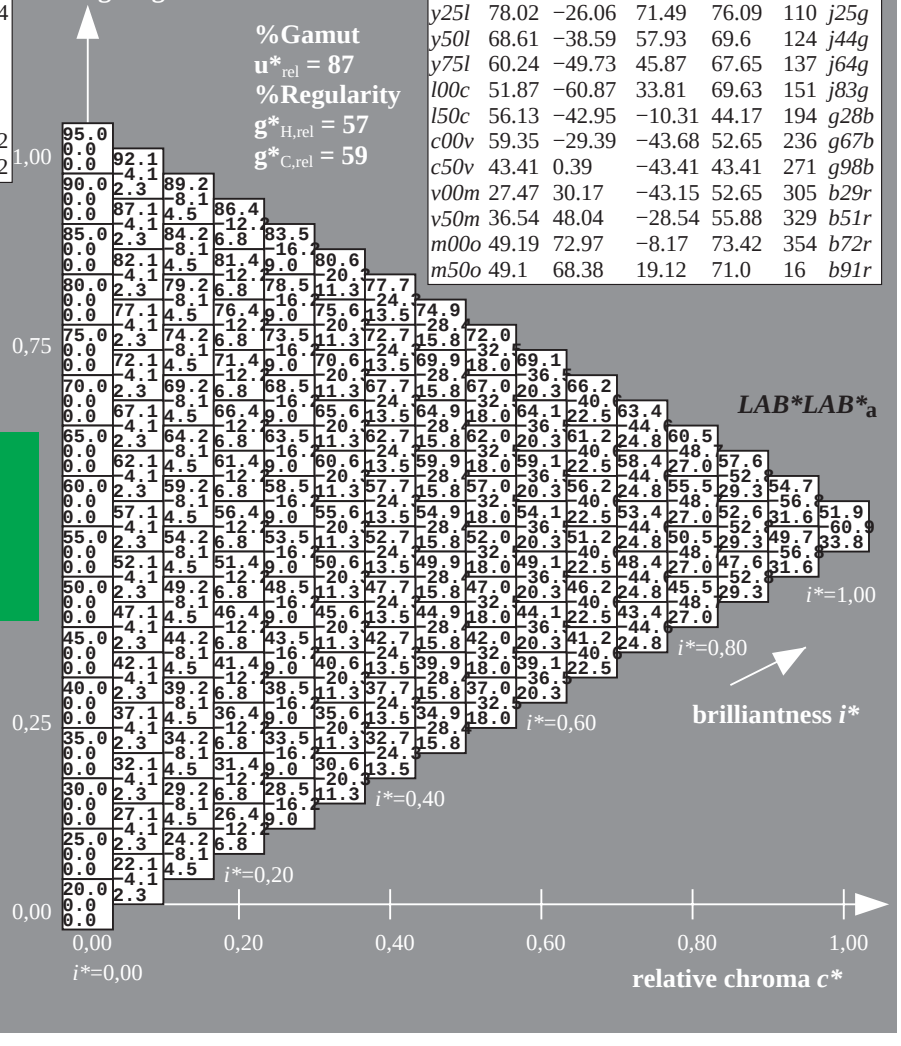
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

u^*_d = *l00c*
$LAB^*LAB^*_a$

ORS18_95aM; adapted (a) CIELAB data

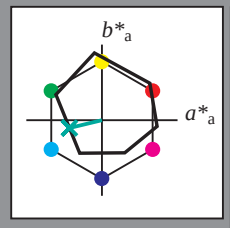
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.538**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

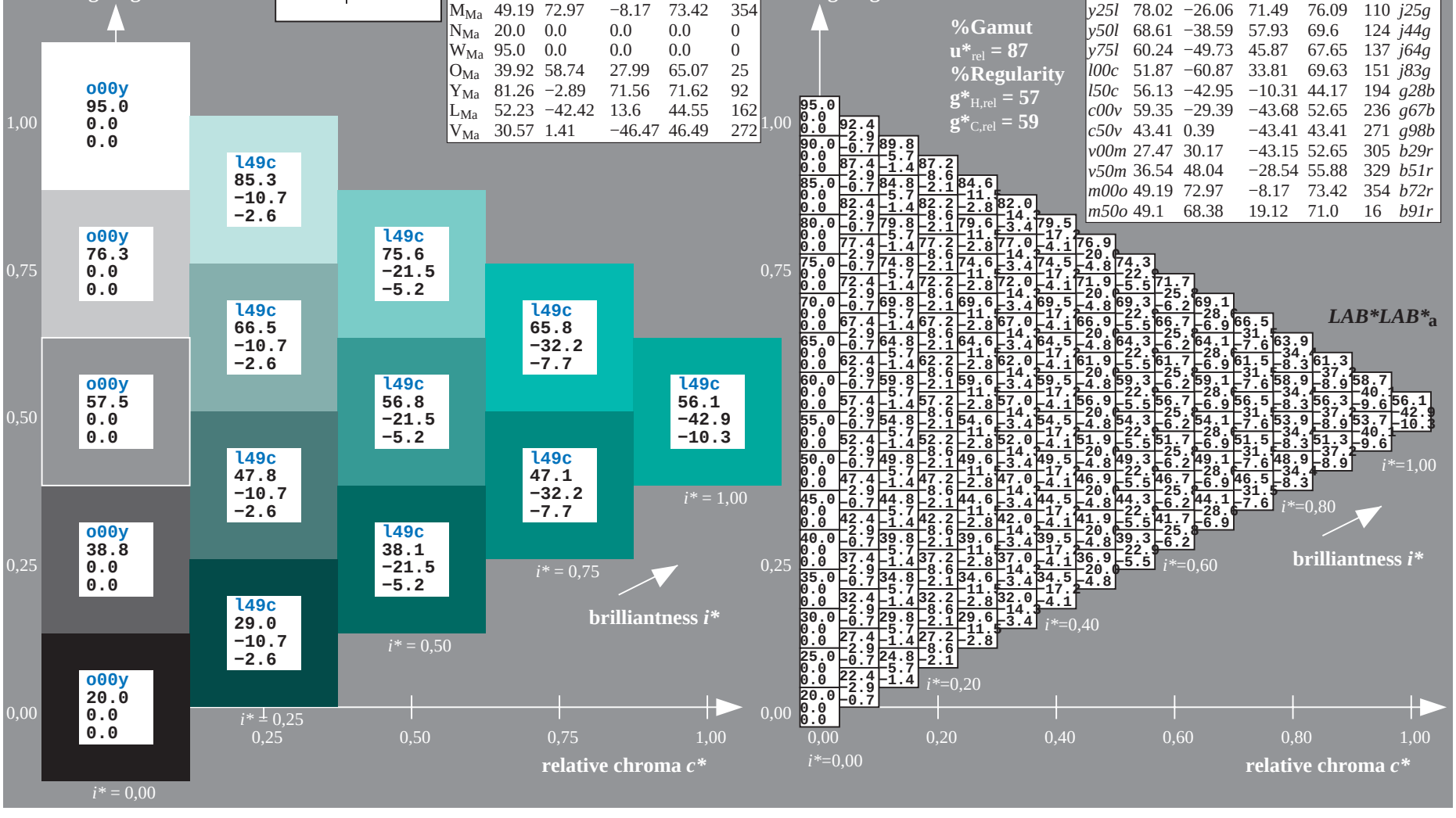
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 −43 −10
*LAB*LCH**$_{Ma}$: 56 44 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

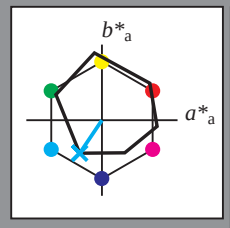
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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



*u**$_d$ = *l50c*
*LAB*LAB**$_a$

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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g67b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

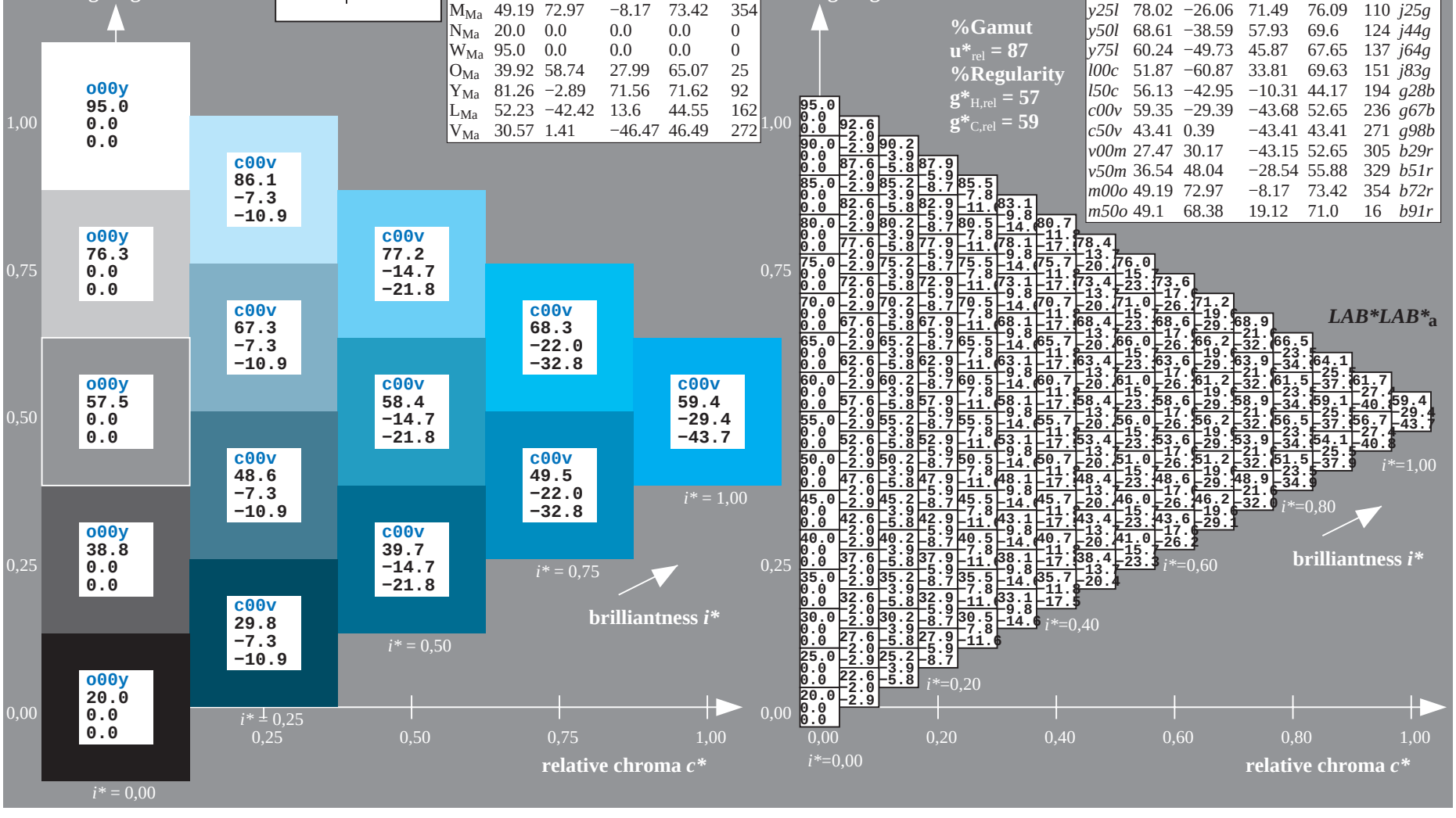
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 −29 −44
*LAB*LCH**$_{Ma}$: 59 53 236
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.65 1.0
triangle lightness *t**

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

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

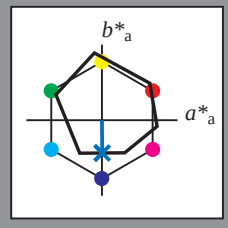
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g98b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

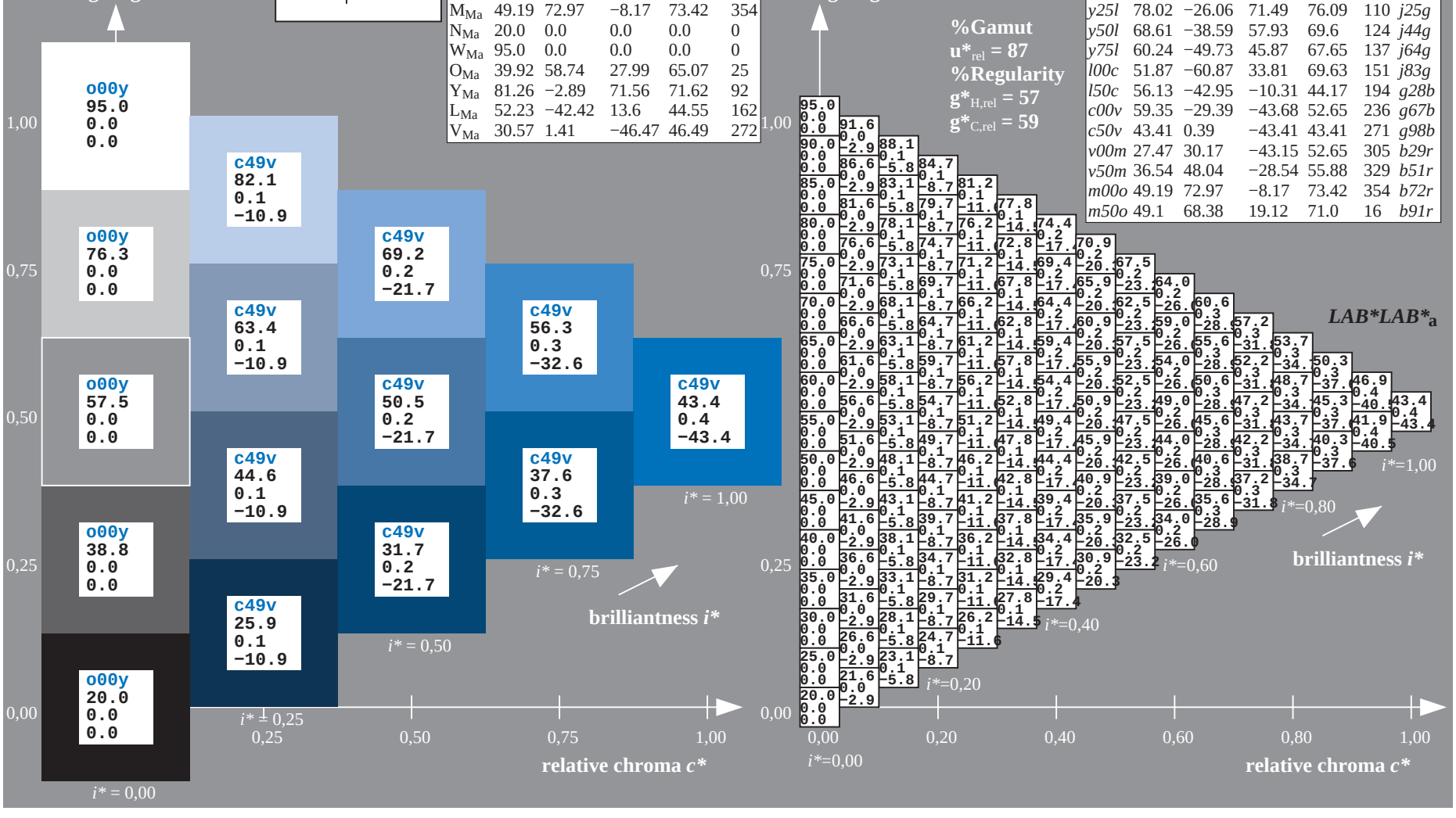
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 0 −43
*LAB*LCH**$_{Ma}$: 43 43 270
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.02 1.0
triangle lightness *t**

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

u^*_d = *c50v*
LAB*LAB*a

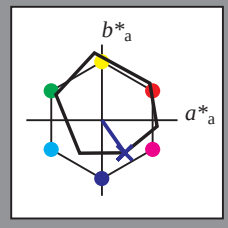
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b29r*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

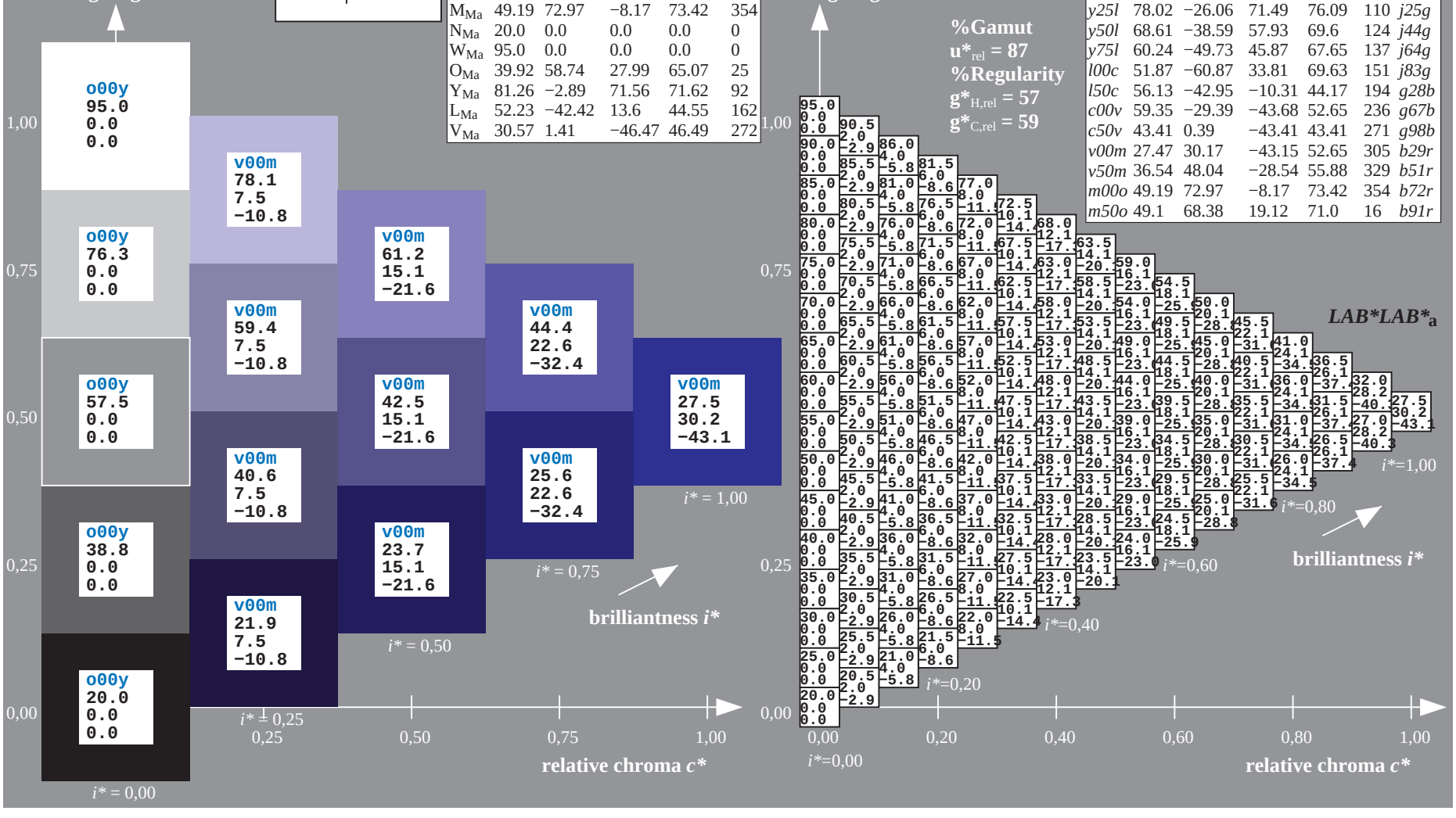
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 27 30 −43
$LAB^*LCH^*_{Ma}$: 27 53 304
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.58 0.0 1.0
triangle lightness *t**

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

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

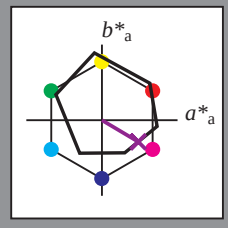
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b51r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



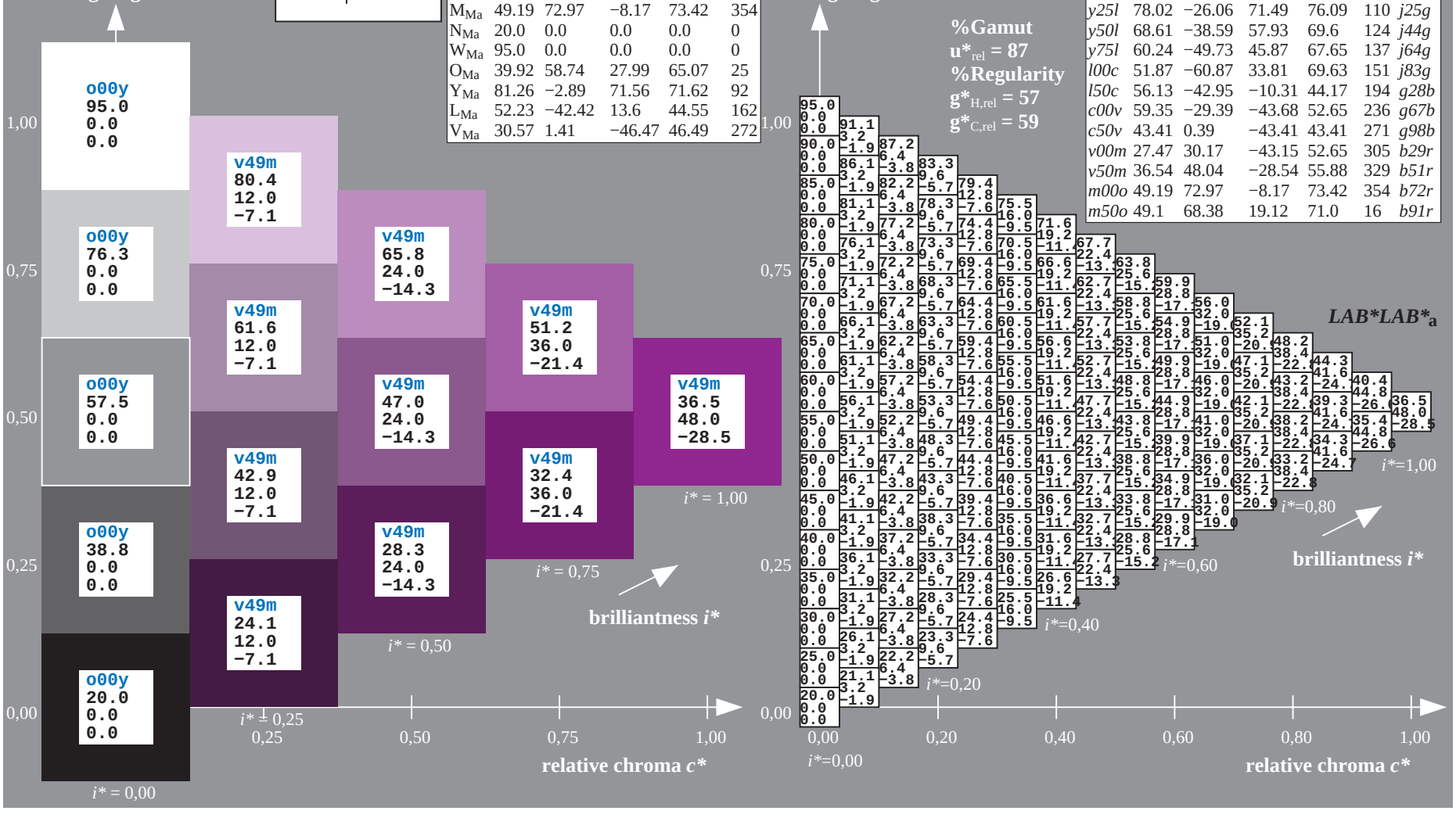
ORS18_95aM; adapted (a) CIELAB data

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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 37 48 −29
*LAB*LCH**$_{Ma}$: 37 56 329
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.99
triangle lightness *t**

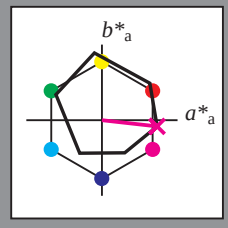
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b72r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

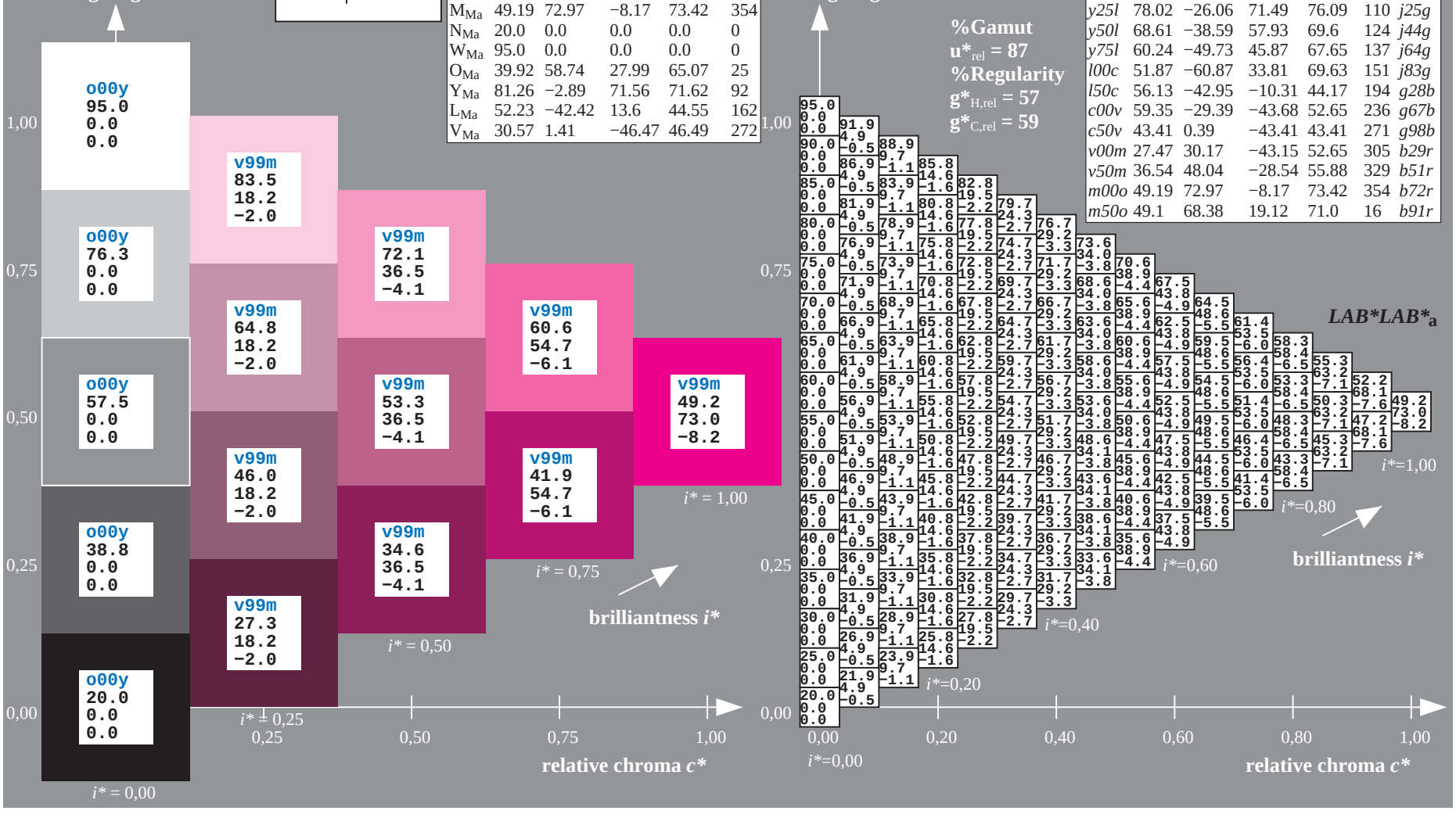
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 73 −8
*LAB*LCH**$_{Ma}$: 49 73 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.56
triangle lightness *t**

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

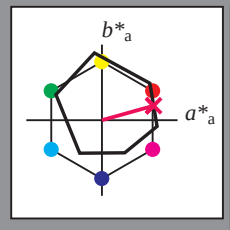
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b91r$
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

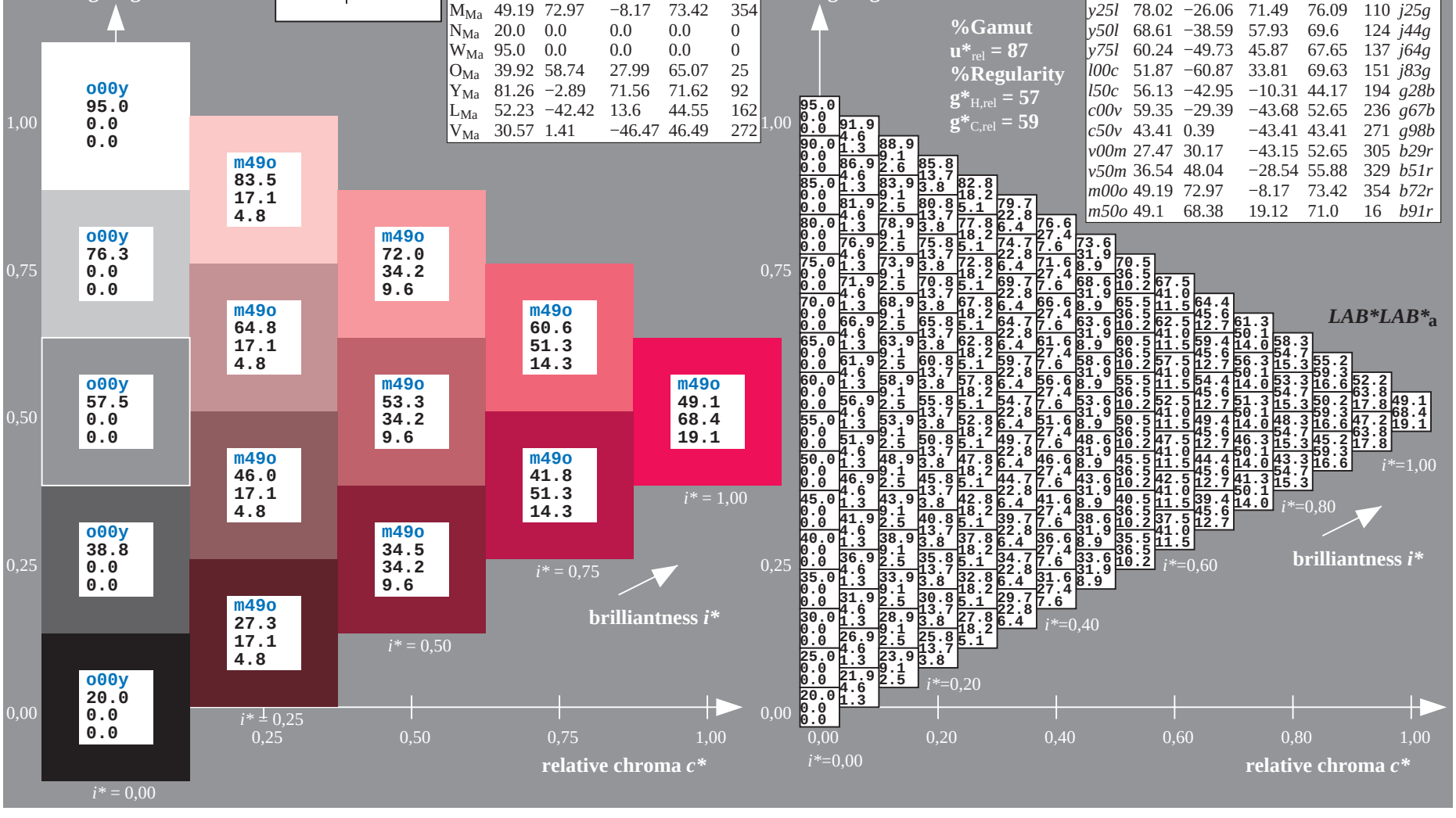
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 49 68 19
$LAB^*LCH^*_{Ma}$: 49 71 15
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.17
triangle lightness *t**

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

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

ORS18_95aM; adapted (a) CIELAB data

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



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

	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	20.0	24.0	28.0	32.0	35.9	39.9	43.9	47.9	51.9	23.6	28.8	32.2	36.1	40.1	44.1	48.1	52.1	56.1	27.3	32.1	37.5	40.5	44.3	48.2	52.2	56.2	60.2	95.0	89.3	83.5	77.8	72.0	66.3	60.5	54.8	49.0	20.0	20.0	20.0	20.0
	0.0	-7.6	-15.2	-22.8	-30.4	-38.0	-45.7	-53.3	-60.9	7.9	-1.2	-9.6	-17.3	-24.9	-32.4	-40.0	-47.6	-55.2	15.8	7.2	-2.5	-11.4	-19.3	-27.0	-34.6	-42.1	-49.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	63.4	0.0	0.0	0.0	0.0
	0.0	4.2	8.5	12.7	16.9	21.1	25.4	29.6	33.8	6.1	11.1	14.5	18.7	22.9	27.2	31.4	35.7	39.9	12.2	16.9	22.2	25.0	29.0	33.1	37.4	41.6	45.9	0.0	6.1	12.2	18.3	24.4	30.6	36.7	42.8	48.9	0.0	0.0	0.0	0.0
02	20.9	24.9	29.0	33.2	37.2	41.3	45.3	49.4	53.4	23.6	29.4	33.4	37.3	41.3	45.3	49.3	53.3	57.3	27.3	33.0	38.1	41.5	45.5	49.5	53.5	57.5	61.5	90.5	85.6	79.9	74.1	68.4	62.6	56.9	51.1	45.4	29.4	29.4	29.4	29.4
	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-47.0	-54.5	9.1	0.0	-7.6	-15.2	-22.8	-30.4	-38.0	-45.7	-53.3	17.1	7.9	-1.2	-9.6	-17.3	-24.9	-32.4	-40.0	-47.6	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	55.5	0.0	0.0	0.0	0.0
	-5.4	-5.5	-2.6	0.2	3.4	6.9	10.5	14.3	18.1	-1.0	0.0	4.2	8.5	12.7	16.9	21.1	25.4	29.6	4.8	6.1	11.1	14.5	18.7	22.9	27.2	31.4	35.7	-5.5	0.0	6.1	12.2	18.3	24.4	30.6	36.7	42.8	0.0	0.0	0.0	0.0
03	21.9	25.9	29.8	33.9	38.1	42.2	46.3	50.4	54.5	24.1	30.3	34.3	38.4	42.5	46.6	50.7	54.7	58.7	27.3	33.0	38.8	42.7	46.7	50.7	54.7	58.7	62.7	86.1	81.2	76.3	70.5	64.8	59.0	53.3	47.5	41.8	38.8	38.8	38.8	38.8
	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-42.7	-49.9	12.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-47.0	18.2	9.1	0.0	-7.6	-15.2	-22.8	-30.4	-38.0	-45.7	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	47.5	0.0	0.0	0.0	0.0
	-10.8	-10.9	-10.9	-7.6	-5.2	-2.5	0.4	3.5	6.8	-7.1	-5.4	-5.5	-2.6	0.2	3.4	6.9	10.5	14.3	-2.0	-1.0	0.0	4.2	8.5	12.7	16.9	21.1	25.4	-10.9	-5.5	0.0	6.1	12.2	18.3	24.4	30.6	36.7	0.0	0.0	0.0	0.0
04	22.8	27.0	30.5	34.8	38.8	42.9	47.1	51.2	55.4	25.0	31.2	35.2	39.2	43.3	47.4	51.6	55.7	59.8	27.5	33.5	39.7	43.7	47.8	51.9	56.0	60.0	64.1	81.6	76.7	71.8	66.9	61.1	55.4	49.6	43.9	38.1	48.1	48.1	48.1	48.1
	11.3	3.5	-3.2	-11.0	-18.4	-25.3	-32.2	-39.2	-46.2	15.7	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-42.7	20.6	12.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	-39.6	-11.0	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	39.6	0.0	0.0	0.0	0.0
	-16.2	-16.3	-16.3	-16.4	-12.8	-10.2	-7.7	-5.1	-2.3	-12.6	-10.8	-10.9	-10.9	-7.6	-5.2	-2.5	0.4	3.5	-8.6	-7.1	-5.4	-5.5	-2.6	0.2	3.4	6.9	10.5	-16.4	-10.9	-5.5	0.0	6.1	12.2	18.3	24.4	30.6	0.0	0.0	0.0	0.0
05	23.7	28.1	31.7	35.3	39.7	43.7	47.8	52.0	56.1	25.9	32.2	36.4	39.9	44.1	48.2	52.3	56.5	60.6	28.3	34.4	40.6	44.6	48.6	52.7	56.8	60.9	65.1	77.2	72.3	67.3	62.4	57.5	51.8	46.0	40.3	34.5	57.5	57.5	57.5	57.5
	15.1	6.9	0.2	-6.5	-14.7	-22.2	-29.1	-36.0	-42.9	19.4	11.3	3.5	-3.2	-11.0	-18.4	-25.3	-32.2	-39.2	24.0	15.7	7.5	0.1	-7.3	-14.6	-21.5	-28.5	-35.5	-14.7	-11.0	-7.3	-3.7	0.0	7.9	15.8	23.8	31.7	0.0	0.0	0.0	0.0
	-21.6	-21.6	-21.7	-21.8	-21.8	-18.0	-15.3	-12.8	-10.3	-18.0	-16.2	-16.3	-16.3	-16.4	-12.8	-10.2	-7.7	-5.1	-14.3	-12.6	-10.8	-10.9	-10.9	-7.6	-5.2	-2.5	0.4	-21.8	-16.4	-10.9	-5.5	0.0	6.1	12.2	18.3	24.4	0.0	0.0	0.0	0.0
06	24.7	29.2	32.9	36.4	40.1	44.6	48.6	52.7	56.9	26.9	33.1	37.5	41.1	44.7	49.1	53.1	57.2	61.4	29.1	35.3	41.6	45.8	49.3	53.5	57.5	61.7	65.8	72.7	67.8	62.9	58.0	53.0	48.1	42.4	36.6	30.9	66.9	66.9	66.9	66.9
	18.9	10.5	3.5	-3.0	-10.0	-18.4	-25.9	-33.0	-39.9	23.2	15.1	6.9	0.2	-6.5	-14.7	-22.2	-29.1	-36.0	27.6	19.4	11.3	3.5	-3.2	-11.0	-18.4	-25.3	-32.2	-18.4	-14.7	-11.0	-7.3	-3.7	0.0	7.9	15.8	23.8	0.0	0.0	0.0	0.0
	-27.0	-27.0	-27.1	-27.2	-27.2	-27.3	-23.2	-20.4	-17.9	-23.4	-21.6	-21.6	-21.7	-21.8	-21.8	-18.0	-15.3	-12.8	-19.8	-18.0	-16.2	-16.3	-16.3	-16.4	-12.8	-10.2	-7.7	-27.3	-21.8	-16.4	-10.9	-5.5	0.0	6.1	12.2	18.3	0.0	0.0	0.0	0.0
07	25.6	30.2	34.0	37.6	41.1	44.9	49.5	53.5	57.6	27.8	34.0	38.5	42.3	45.8	49.5	54.0	58.0	62.1	30.0	36.2	42.5	46.9	50.5	54.1	58.4	62.4	66.6	68.3	63.3	58.4	53.5	48.6	43.7	38.8	33.0	27.3	76.3	76.3	76.3	76.3
	22.6	14.1	6.9	0.3	-6.3	-13.5	-22.0	-29.7	-36.8	26.9	18.9	10.5	3.5	-3.0	-10.0	-18.4	-25.9	-33.0	31.4	23.2	15.1	6.9	0.2	-6.5	-14.7	-22.2	-29.1	-22.0	-18.4	-14.7	-11.0	-7.3	-3.7	0.0	7.9	15.8	0.0	0.0	0.0	0.0
	-32.4	-32.4	-32.5	-32.6	-32.6	-32.7	-32.8	-28.5	-25.5	-28.8	-27.0	-27.0	-27.1	-27.2	-27.2	-27.3	-23.2	-20.4	-25.2	-23.4	-21.6	-21.6	-21.7	-21.8	-21.8	-18.0	-15.3	-32.8	-27.3	-21.8	-16.4	-10.9	-5.5	0.0	6.1	12.2	0.0	0.0	0.0	0.0
08	26.5	31.2	35.1	38.7	42.2	45.8	49.8	54.4	58.4	28.7	35.0	39.5	43.4	46.9	50.5	54.3	58.9	62.9	30.9	37.2	43.4	47.9	51.6	55.1	58.9	63.3	67.3	63.8	58.9	54.0	49.1	44.1	39.2	34.3	29.4	23.6	85.6	85.6	85.6	85.6
	26.4	17.7	10.3	3.6	-2.9	-9.7	-17.1	-25.7	-33.4	30.7	22.6	14.1	6.9	0.3	-6.3	-13.5	-22.0	-29.7	35.1	26.9	18.9	10.5	3.5	-3.0	-10.0	-18.4	-25.9	-25.7	-22.0	-18.4	-14.7	-11.0	-7.3	-3.7	0.0	7.9	0.0	0.0	0.0	0.0
	-37.8	-37.8	-37.9	-38.0	-38.0	-38.1	-38.1	-38.2	-33.9	-34.2	-32.4	-32.4	-32.5	-32.6	-32.6	-32.7	-32.8	-28.5	-30.7	-28.8	-27.0	-27.0	-27.1	-27.2	-27.2	-27.3	-23.2	-38.2	-32.8	-27.3	-21.8	-16.4	-10.9	-5.5	0.0	6.1	0.0	0.0	0.0	0.0
09	27.5	32.2	36.2	39.9	43.4	46.9	50.6	54.7	59.4	29.7	35.9	40.5	44.5	48.1	51.6	55.2	59.2	63.8	31.9	38.1	44.4	48.9	52.8	56.3	59.8	63.7	68.3	59.4	54.4	49.5	44.6	39.7	34.8	29.8	24.9	20.0	95.0	95.0	95.0	95.0
	30.2	21.4	13.8	7.0	0.4	-6.2	-13.1	-20.6	-29.4	34.5	26.4	17.7	10.3	3.6	-2.9	-9.7	-17.1	-25.7	38.8	30.7	22.6	14.1	6.9	0.3	-6.3	-13.5	-22.0	-29.4	-25.7	-22.0	-18.4	-14.7	-11.0	-7.3	-3.7	0.0	0.0	0.0	0.0	0.0
	-43.1	-43.2	-43.3	-43.4	-43.4	-43.5	-43.5	-43.6	-43.7	-39.6	-37.8	-37.8	-37.9	-38.0	-38.0	-38.1	-38.1	-38.2	-36.1	-34.2	-32.4	-32.4	-32.5	-32.6	-32.6	-32.7	-32.8	-43.7	-38.2	-32.8	-27.3	-21.8	-16.4	-10.9	-5.5	0.0	0.0	0.0	0.0	0.0
10	30.9	35.8	40.6	46.3	49.0	52.6	56.5	60.4	64.4	34.5	39.6	44.2	49.1	55.1	57.6	61.0	64.7	68.6	38.1	43.3	47.9	52.6	57.7	63.8	66.2	69.5	73.1	95.0	94.4	93.8	93.2	92.6	91.9	91.3	90.7	90.1	20.0	20.0	20.0	20.0
	23.8	14.9	6.5	-3.7	-13.0	-21.1	-28.9	-36.6	-44.2	31.7	22.7	14.4	5.6	-5.0	-14.5	-22.9	-30.8	-38.6	39.6	30.5	22.1	13.8	4.7	-6.2	-15.9	-24.5	-32.6	0.0	-1.2	-2.5	-3.7	-5.0	-6.2	-7.5	-8.7	-10.0	0.0	0.0	0.0	0.0
	18.3	23.2	27.8	33.3	35.7	39.4	43.4	47.6	51.8	24.4	29.4	33.9	38.7	44.5	46.6	50.0	53.9	57.9	30.6	35.5	40.1	44.7	49.6	55.6	57.5	60.7	64.4	0.0	11.1	22.2	33.3	44.5	55.6	66.7	77.8	88.9	0.0	0.0	0.0	0.0
11	30.9	36.6	41.5	46.9	49.9	53.7	57.6	61.6	65.6	34.5	40.3	45.2	49.9	55.7	58.4	62.0	65.8	69.8	38.2	43.9	48.9	53.6	58.5	64.4	67.0	70.4	74.1	86.6	85.6	85.0	84.4	83.8	83.2	82.6	82.0	81.4	25.0	25.0	25.0	25.0
	25.1	15.8	7.2	-2.5	-11.4	-19.3	-27.0	-34.6	-42.1	33.0	23.8	14.9	6.5	-3.7	-13.0	-21.1	-28.9	-36.6	41.0	31.7	22.7	14.4	5.6	-5.0	-14.5	-22.9	-30.8	3.8	0.0	-1.2	-2.5	-3.7	-5.0	-6.2	-7.5	-8.7	0.0	0.0	0.0	0.0
	10.6	12.2	16.9	22.2	25.0	29.0	33.1	37.4	41.6	16.6	18.3	23.2	27.8	33.3	35.7	39.4	43.4	47.6	22.5	24.4	29.4	33.9	38.7	44.5	46.6	50.0	53.9	-5.4	0.0	11.1	22.2	33.3	44.5	55.6	66.7	77.8	0.0	0.0	0.0	0.0
12	30.9	36.6	42.4	47.5	50.9	54.9	58.9	62.9	66.9	34.5	40.3	46.0	50.9	56.3	59.3	63.1	67.0	71.0	38.2	43.9	49.6	54.6	59.3	65.0	67.8	71.4	75.2	78.1	77.2	76.3	75.6	75.0	74.4	73.8	73.2	72.6	30.0	30.0	30.0	30.0
	26.2	17.1	7.9	-1.2	-9.6	-17.3	-24.9	-32.4	-40.0	34.2	25.1	15.8	7.2	-2.5	-11.4	-19.3	-27.0	-34.6	42.2	33.0	23.8	14.9	6.5	-3.7	-13.0	-21.1	-28.9	7.5	3.8	0.0	-1.2	-2.5	-3.7	-5.0	-6.2	-7.5	0.0	0.0	0.0	0.0
	3.8	4.8	6.1	11.1	14.5	18.7	22.9	27.2	31.4	9.6	10.6	12.2	16.9	22.2	25.0	29.0	33.1	37.4	15.4	16.6	18.3	23.2	27.8	33.3	35.7	39.4	43.4	-10.8	-5.4	0.0	11.1	22.2	33.3	44.5	55.6	66.7	0.0	0.0	0.0	0.0
13	30.9	36.7	42.4	48.1	52.1	56.1	60.1	64.1	68.0	34.6	40.3	46.0	51.8	56.9	60.3	64.2	68.2	72.2	38.2	43.9	49.7	55.4	60.2	65.7	68.6	72.4	76.4	69.7	68.7	67.8	66.9	66.3	65.7	65.0	64.4	63.8	35.0	35.0	35.0	35.0
	27.4	18.2	9.1	0.0	-7.6	-15.2	-22.8	-30.4	-38.0	35.3	26.2	17.1	7.9	-1.2	-9.6	-17.3	-24.9	-32.4	43.3	34.2	25.1	15.8	7.2	-2.5	-11.4	-19.3	-27.0	11.3	7.5	3.8	0.0	-1.2	-2.5	-3.7	-5.0	-6.2	0.0	0.0	0.0	0.0
	-3.1	-2.0	-1.0	0.0	4.2	8.5	12.7	16.9	21.1	2.9	3.8	4.8	6.1	11.1	14.5	18.7	22.9	27.2	8.6	9.6	10.6	12.2	16.9	22.2	25.0	29.0	33.1	-16.2	-10.8	-5.4	0.0	11.1	22.2	33.3	44.5	55.6	0.0	0.0	0.0	0.0
14	31.0	36.9	42.9	49.1	53.0	57.2	61.3	65.4	69.4	34.6	40.3	46.0	51.8	57.5	61.5	65.5	69.5	73.4	38.2	43.9	49.7	55.4	61.1	66.3	69.7	73.6	77.6	61.2	60.3	59.4	58.4	57.5	56.9	56.3	55.7	55.1	40.0	40.0	40.0	40.0
	29.4	20.6	12.0	3.8	-3.7	-10.7	-17.8	-25.0	-32.3	36.5	27.4	18.2	9.1	0.0	-7.6	-15.2	-22.8	-30.4	44.4	35.3	26.2	17.1	7.9	-1.2	-9.6	-17.3	-24.9	15.1	11.3	7.5	3.8	0.0	-1.2	-2.5	-3.7	-5.0	0.0	0.0	0.0	0.0
	-9.9	-8.6	-7.1	-5.4	-5.5	-2.6	0.2	3.4	6.9	-4.1	-3.1	-2.0	-1.0	0.0	4.2	8.5	12.7	16.9	1.9	2.9	3.8	4.8	6.1	11.1	14.5	18.7	22.9	-21.6	-16.2	-10.8	-5.4	0.0	11.1	22.2	33.3	44.5	0.0	0.0	0.0	0.0
15	31.6	37.6	43.8	50.0	54.0	58.0	62.0	66.2	70.3	34.5	40.4	46.3	52.3	58.4	62.4	66.5	70.7	74.7	38.2	44.0	49.7	55.4	61.1	66.9	70.9	74.8	78.8	52.8	51.9	50.9	50.0	49.1	48.1	47.5	46.9	46.3	45.0	45.0	45.0	45.0
	32.6	24.0	15.7	7.5	0.1	-7.3	-14.6	-21.5	-28.5	38.3	29.4	20.6	12.0	3.8	-3.7	-10.7	-17.8	-25.0	45.6	36.5	27.4	18.2	9.1	0.0	-7.6	-15.2	-22.8	18.9	15.1	11.3	7.5	3.8	0.0	-1.2	-2.5	-3.7	0.0	0.0	0.0	0.0
	-15.8	-14.3	-12.6	-10.8	-10.9	-10.9	-7.6	-5.2	-2.5	-11.1	-9.9	-8.6	-7.1	-5.4	-5.5	-2.6	0.2	3.4	-5.1	-4.1	-3.1	-2.0	-1.0	0.0	4.2	8.5	12.7	-27.0	-21.6	-16.2	-10.8	-5.4	0.0	11.1	22.2	33.3	0.0	0.0	0.0	0.0
16	32.4	38.5	44.7	50.9	55.1	58.7	62.9	66.9	71.1	35.0	41.0	47.0	53.1	59.4	63.4	67.3	71.4	75.6	38.1	43.9	49.8	55.6	61.6	67.8	71.8	75.9	80.0	44.4	43.4	42.5	41.6	40.6	39.7	38.8	38.1	37.5	50.0	50.0	50.0	50.0
	36.0	27.6	19.4	11.3	3.5	-3.2	-11.0	-18.4	-25.3	41.2	32.6	24.0	15.7	7.5	0.1	-7.3	-14.6	-21.5	47.3	38.3	29.4	20.6	12.0	3.8	-3.7	-10.7	-17.8	22.6	18.9	15.1	11.3	7.5	3.8	0.0	-1.2	-2.5	0.0	0.0	0.0	0.0
	-21.4	-19.8	-18.0	-16.2	-16.3	-16.3	-16.4	-12.8	-10.2	-17.2	-15.8	-14.3	-12.6	-10.8	-10.9	-10.9	-7.6	-5.2	-12.2	-11.1	-9.9	-8.6	-7.1	-5.4	-5.5	-2.6	0.2	-32.4	-27.0	-21.6	-16.2	-10.8	-5.4	0.0	11.1	22.2	0.0	0.0	0.0	0.0
17	33.3	39.4	45.6	51.9	56.2	59.8	63.4	67.8	71.8	35.7	41.8	47.9	54.1	60.3	64.5	68.0	72.3	76.3	38.5	44.4	50.4	56.4	62.5	68.7	72.7	76.7	80.8	35.9	35.0	34.0	33.1	32.2	31.2	30.3	29.4	28.8	55.0	55.0	55.0	55.0
	39.6	31.4	23.2	15.1	6.9	0.2	-6.5	-14.7	-22.2	44.5	36.0	27.6	19.4	11.3	3.5	-3.2	-11.0	-18.4	50.0	41.2	32.6	24.0	15.7	7.5	0.1	-7.3	-14.6	26.4	22.6	18.9	15.1	11.3	7.5	3.8	0.0	-1.2	0.0	0.0	0.0	0.0
	-26.9	-25.2	-23.4	-21.6	-21.6	-21.7	-21.8	-21.8	-18.0	-22.9	-21.4	-19.8	-18.0	-16.2	-16.3	-16.3	-16.4	-12.8	-18.5	-17.2	-15.8	-14.3	-12.6	-10.8	-10.9	-10.9	-7.6	-37.8	-32.4	-27.0	-21.6	-16.2	-10.8	-5.4	0.0	11.1	0.0	0.0	0.0	0.0
18	34.1	40.3	46.5	52.8	57.3	61.0	64.5	68.2	72.7	36.5	42.6	48.8	55.0	61.2	65.6	69.2	72.8	77.2	39.1	45.1	51.2	57.3	63.4	69.7	73.9	77.4	81.6	27.5	26.5	25.6	24.7	23.7	22.8	21.9	20.9	20.0	60.0	60.0	60.0	60.0
	43.3	35.1	26.9	18.9	10.5	3.5	-3.0	-10.0	-18.4	48.0	39.6	31.4	23.2	15.1	6.9	0.2	-6.5	-14.7	53.1	44.5	36.0	27.6	19.4	11.3	3.5	-3.2	-11.0	30.2	26.4	22.6	18.9	15.1	11.3	7.5	3.8	0.0	0.0	0.0	0.0	0.0
	-32.4	-30.7	-28.8	-27.0	-27.0	-27.1	-27.2	-27.2	-27.3	-28.5	-26.9	-25.2	-23.4	-21.6	-21.6	-21.7	-21.8	-21.8	-24.4	-22.9	-21.4	-19.8	-18.0	-16.2	-16.3	-16.3	-16.4	-43.1	-37.8	-32.4	-27.0	-21.6	-16.2	-10.8	-5.4	0.0	0.0	0.0	0.0	0.0
19	41.8	46.9	51.7	56.3	61.1	66.4	72.6	74.9	78.0	45.4	50.6	55.4	60.0	64.7	69.6	75.1	81.4	83.6	49.0	54.2	59.1	63.8	68.4	73.2	78.2	83.8	90.1	95.0	89.6	84.2	78.8	73.4	68.0	62.7	57.3	51.9	65.0	65.0	65.0	65.0
	47.5	38.3	29.8	21.6	13.0	3.6	-7.5	-17.3	-26.1	55.5	46.2	37.6	29.3	21.0	12.2	2.5	-8.7	-18.7	63.4	54.0	45.3	37.0	28.8	20.3	11.3	1.4	-10.0	0.0	-7.6	-15.2	-22.8	-30.4	-38.0	-45.7	-53.3	-60.9	0.0	0.0	0.0	0.0
	36.7	41.7	46.3	50.8	55.5	60.6	66.7	68.5	71.5	42.8	47.9	52.5	57.1	61.6	66.4	71.7	77.8	79.5	48.9	54.0	58.7	63.3	67.8	72.4	77.3	82.7	88.9	0.0	4.2	8.5	12.7	16.9	21.1	25.4	29.6	33.8	0.0	0.0	0.0	0.0
20	41.8	47.5	52.6	57.3	62.0	67.1	73.2	75.6	78.9	45.4	51.1	56.3	61.1	65.7	70.5	75.8	82.0	84.3	49.0	54.8	60.0	64.8	69.4	74.1	79.0	84.4	90.7	89.3	85.6	80.2	74.8	69.5	64.1	58.7	53.3	47.9	70.0	70.0	70.0	70.0
	48.9	39.6	30.5	22.1	13.8	4.7	-6.2	-15.9	-24.5	56.8	47.5	38.3	29.8	21.6	13.0	3.6	-7.5	-17.3	64.8	55.5	46.2	37.6	29.3	21.0	12.2	2.5	-8.7	9.1	0.0	-7.6	-15.2	-22.8	-30.4	-38.0	-45.7	-53.3	0.0	0.0	0.0	0.0
	28.6	30.6	35.5	40.1	44.7	49.6	55.6	57.5	60.7	34.6	36.7	41.7	46.3	50.8	55.5	60.6	66.7	68.5	40.7	42.8	47.9	52.5	57.1	61.6	66.4	71.7	77.8	-1.0	0.0	4.2	8.5	12.7	16.9	21.1	25.4	29.6	0.0	0.0	0.0	0.0
21	41.8	47.5	53.3	58.3	63.0	67.9	73.8	76.3	79.8	45.4	51.2	56.9	62.0	66.7	71.4	76.5	82.6	85.0	49.1	54.8	60.5	65.7	70.4	75.1	79.9	85.1	91.3	83.5	79.9	76.3	70.9	65.5	60.1	54.7	49.3	43.9	75.0	75.0	75.0	75.0
	50.1	41.0	31.7	22.7	14.4	5.6	-5.0	-14.5	-22.9	58.1	48.9	39.6	30.5	22.1	13.8	4.7	-6.2	-15.9	66.0	56.8	47.5	38.3	29.8	21.6	13.0	3.6	-7.5	18.2	9.1	0.0	-7.6	-15.2	-22.8	-30.4	-38.0	-45.7	0.0	0.0	0.0	0.0
	21.2	22.5	24.4	29.4	33.9	38.7	44.5	46.6	50.0	27.2	28.6	30.6	35.5	40.1	44.7	49.6	55.6	57.5	33.1	34.6	36.7	41.7	46.3	50.8	55.5	60.6	66.7	-2.0	-1.0	0.0	4.2	8.5	12.7	16.9	21.1	25.4	0.0	0.0	0.0	0.0
22	41.8	47.6	53.3	59.0	64.0	68.7	74.4	77.1	80.7	45.4	51.2	56.9	62.6	67.7	72.3	77.2	83.2	85.7	49.1	54.8	60.5	66.3	71.4	76.1	80.7	85.8	91.9	77.8	74.2	70.5	66.9	61.5	56.1	50.7	45.3	39.9	80.0	80.0	80.0	80.0
	51.3	42.2	33.0	23.8	14.9	6.5	-3.7	-13.0	-21.1	59.3	50.1	41.0	31.7	22.7	14.4	5.6	-5.0	-14.5	67.2	58.1	48.9	39.6	30.5	22.1	13.8	4.7	-6.2	27.4	18.2	9.1	0.0	-7.6	-15.2	-22.8	-30.4	-38.0	0.0	0.0	0.0	0.0
	14.3	15.4	16.6	18.3	23.2	27.8	33.3	35.7	39.4	20.1	21.2	22.5	24.4	29.4	33.9	38.7	44.5	46.6	26.0	27.2	28.6	30.6	35.5	40.1	44.7	49.6	55.6	-3.1	-2.0	-1.0	0.0	4.2	8.5	12.7	16.9	21.1	0.0	0.0	0.0	0.0
23	41.8	47.6	53.3	59.0	64.8	69.6	75.0	78.0	81.8	45.5	51.2	56.9	62.7	68.4	73.3	78.1	83.8	86.5	49.1	54.8	60.6	66.3	72.0	77.1	81.7	86.6	92.6	72.1	68.4	64.8	61.1	57.5	52.1	46.7	41.3	35.9	85.0	85.0	85.0	85.0
	52.4	43.3	34.2	25.1	15.8	7.2	-2.5	-11.4	-19.3	60.4	51.3	42.2	33.0	23.8	14.9	6.5	-3.7	-13.0	68.4	59.3	50.1	41.0	31.7	22.7	14.4	5.6	-5.0	36.5	27.4	18.2	9.1	0.0	-7.6	-15.2	-22.8	-30.4	0.0	0.0	0.0	0.0
	7.6	8.6	9.6	10.6	12.2	16.9	22.2	25.0	29.0	13.4	14.3	15.4	16.6	18.3	23.2	27.8	33.3	35.7	19.1	20.1	21.2	22.5	24.4	29.4	33.9	38.7	44.5	-4.1	-3.1	-2.0	-1.0	0.0	4.2	8.5	12.7	16.9	0.0	0.0	0.0	0.0
24	41.9	47.6	53.3	59.0	64.8	70.5	75.6	79.0	83.0	45.5	51.2	56.9	62.7	68.4	74.1	79.0	84.4	87.4	49.1	54.8	60.6	66.3	72.0	77.8	82.7	87.4	93.2	66.4	62.7	59.1	55.4	51.8	48.1	42.7	37.3	32.0	90.0	90.0	90.0	90.0
	53.5	44.4	35.3	26.2	17.1	7.9	-1.2	-9.6	-17.3	61.5	52.4	43.3	34.2	25.1	15.8	7.2	-2.5	-11.4	69.5	60.4	51.3	42.2	33.0	23.8	14.9	6.5	-3.7	45.6	36.5	27.4	18.2	9.1	0.0	-7.6	-15.2	-22.8	0.0	0.0	0.0	0.0
	0.9	1.9	2.9	3.8	4.8	6.1	11.1	14.5	18.7	6.7	7.6	8.6	9.6	10.6	12.2	16.9	22.2	25.0	12.4	13.4	14.3	15.4	16.6	18.3	23.2	27.8	33.3	-5.1	-4.1	-3.1	-2.0	-1.0	0.0	4.2	8.5	12.7	0.0	0.0	0.0	0.0
25	41.9	47.6	53.3	59.1	64.8	70.5	76.3	80.2	84.2	45.5	51.2	57.0	62.7	68.4	74.1	79.9	85.0	88.4	49.1	54.9	60.6	66.3	72.0	77.8	83.5	88.4	93.8	60.6	57.0	53.3	49.7	46.0	42.4	38.8	33.4	28.0	95.0	95.0	95.0	95.0
	54.7	45.6	36.5	27.4	18.2	9.1	0.0	-7.6	-15.2	62.7	53.5	44.4	35.3	26.2	17.1	7.9	-1.2	-9.6	70.6	61.5	52.4	43.3	34.2	25.1	15.8	7.2	-2.5	54.7	45.6	36.5	27.4	18.2	9.1	0.0	-7.6	-15.2	0.0	0.0	0.0	0.0
	-6.1	-5.1	-4.1	-3.1	-2.0	-1.0	0.0	4.2	8.5	-0.1	0.9	1.9	2.9	3.8	4.8	6.1	11.1	14.5	5.7	6.7	7.6	8.6	9.6	10.6	12.2	16.9	22.2	-6.1	-5.1	-4.1	-3.1	-2.0	-1.0	0.0	4.2	8.5	0.0	0.0	0.0	0.0
26	41.7	47.5	53.3	59.1	65.0	71.0	77.2	81.2	85.3	45.5	51.3	57.0	62.7	68.4	74.2	79.9	85.6	89.6	49.2	54.9	60.6	66.3	72.1	77.8	83.5	89.3	94.4	54.9	51.3	47.6	44.0	40.3	36.7	33.0	29.4	24.0	20.0	49.0	90.1	51.9
	56.3	47.3	38.3	29.4	20.6	12.0	3.8	-3.7	-10.7	63.8	54.7	45.6	36.5	27.4	18.2	9.1	0.0	-7.6	71.8	62.7	53.5	44.4	35.3	26.2	17.1	7.9	-1.2	63.8	54.7	45.6	36.5	27.4	18.2	9.1	0.0	-7.6	0.0	63.4	-10.0	-60.9
	-13.3	-12.2	-11.1	-9.9	-8.6	-7.1	-5.4	-5.5	-2.6	-7.2	-6.1	-5.1	-4.1	-3.1	-2.0	-1.0	0.0	4.2	-1.1	-0.1	0.9	1.9	2.9	3.8	4.8	6.1	11.1	-7.2	-6.1	-5.1	-4.1	-3.1	-2.0	-1.0	0.0	4.2	0.0	48.9	88.9	33.8
27	42.0	47.9	53.8	59.7	65.8	71.9	78.1	82.1	86.1	45.3	51.1	56.9	62.7	68.5	74.4	80.4	86.6	90.5	49.2	54.9	60.6	66.4	72.1	77.8	83.5	89.3	95.0	49.2	45.5	41.9	38.2	34.6	30.9	27.3	23.6	20.0	95.0	59.4	27.5	49.2
	58.8	50.0	41.2	32.6	24.0	15.7	7.5	0.1	-7.3	65.3	56.3	47.3	38.3	29.4	20.6	12.0	3.8	-3.7	73.0	63.8	54.7	45.6	36.5	27.4	18.2	9.1	0.0	73.0	63.8	54.7	45.6	36.5	27.4	18.2	9.1	0.0	0.0	-29.4	30.2	73.0
	-19.7	-18.5	-17.2	-15.8	-14.3	-12.6	-10.8	-10.9	-10.9	-14.4	-13.3	-12.2	-11.1	-9.9	-8.6	-7.1	-5.4	-5.5	-8.2	-7.2	-6.1	-5.1	-4.1	-3.1	-2.0	-1.0	0.0	-8.2	-7.2	-6.1	-5.1	-4.1	-3.1	-2.0	-1.0	0.0	0.0	-43.7	-43.1	-8.2

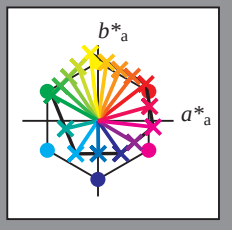
See for similar files: http://www.ps.bam.de/Ee65/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee65/10L/L65E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 0.97

ORS18_95aM; adapted (a) CIELAB data

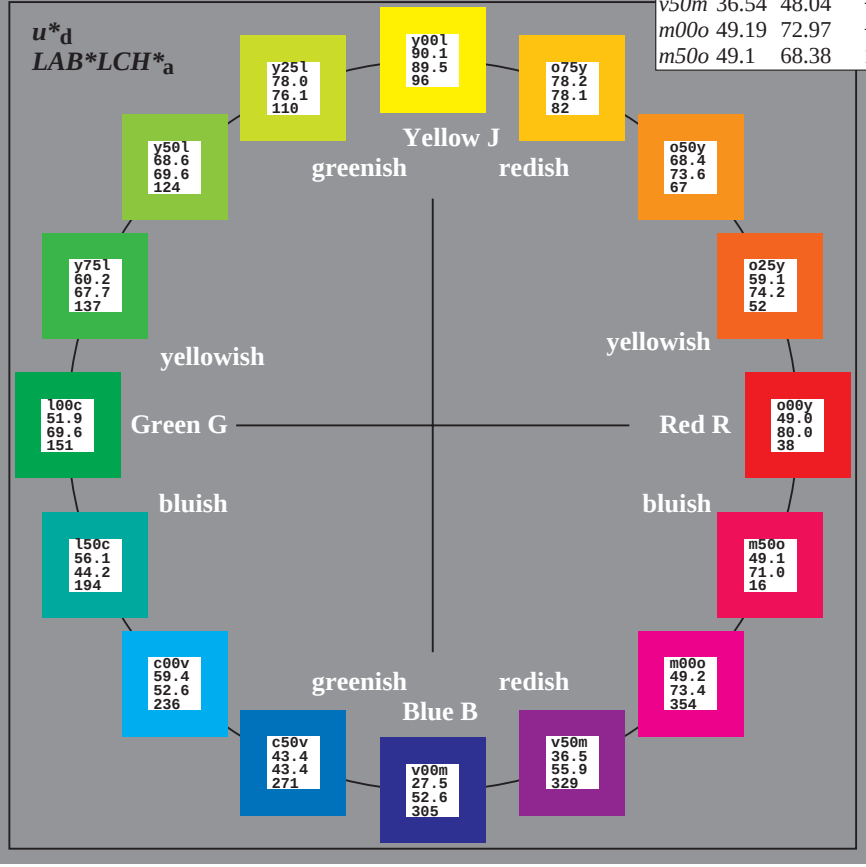
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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

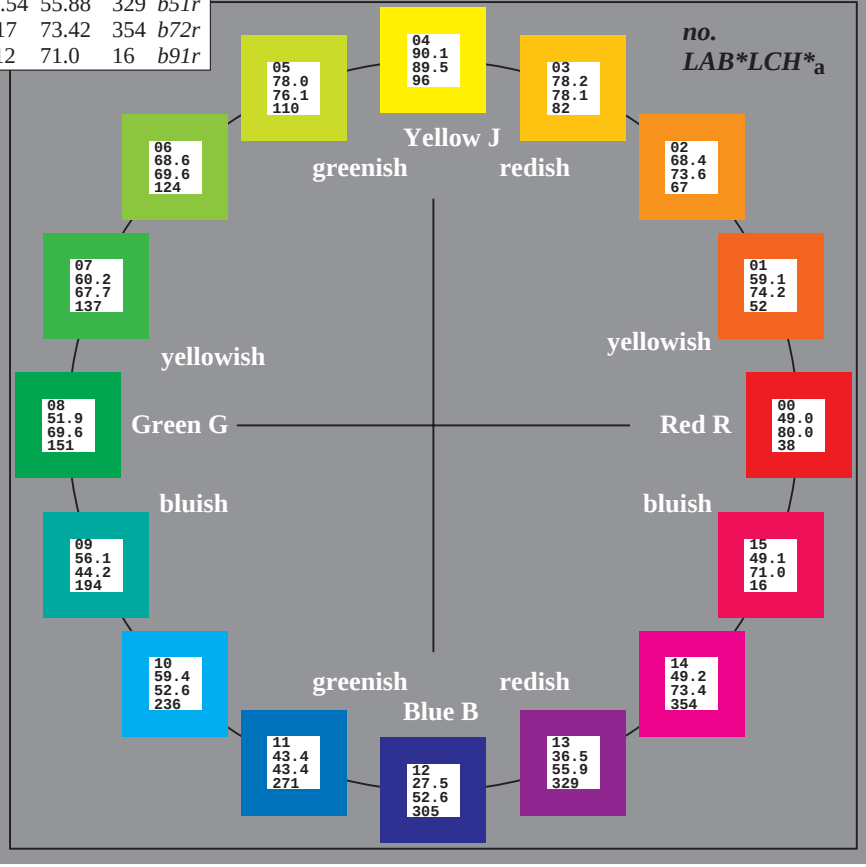


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

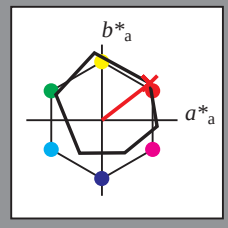
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.105**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r18j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

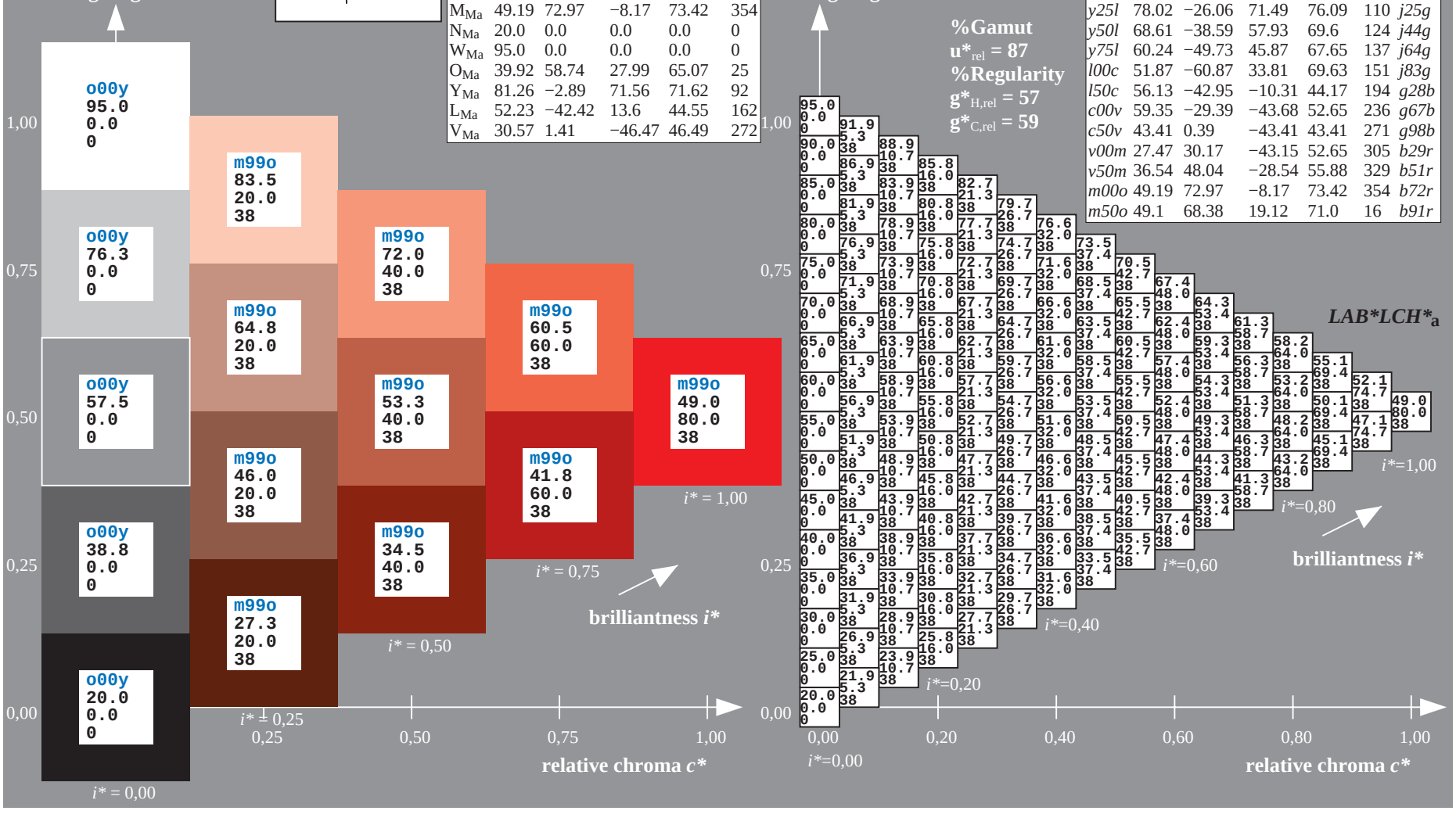
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 63 49
*LAB*LCH**$_{Ma}$: 49 80 37
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.18 0.0
triangle lightness *t**

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

u^*_d = *o00y*
*LAB*LCH**$_a$

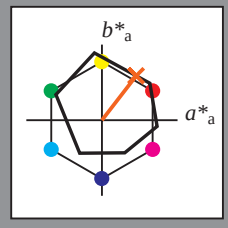
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r40j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

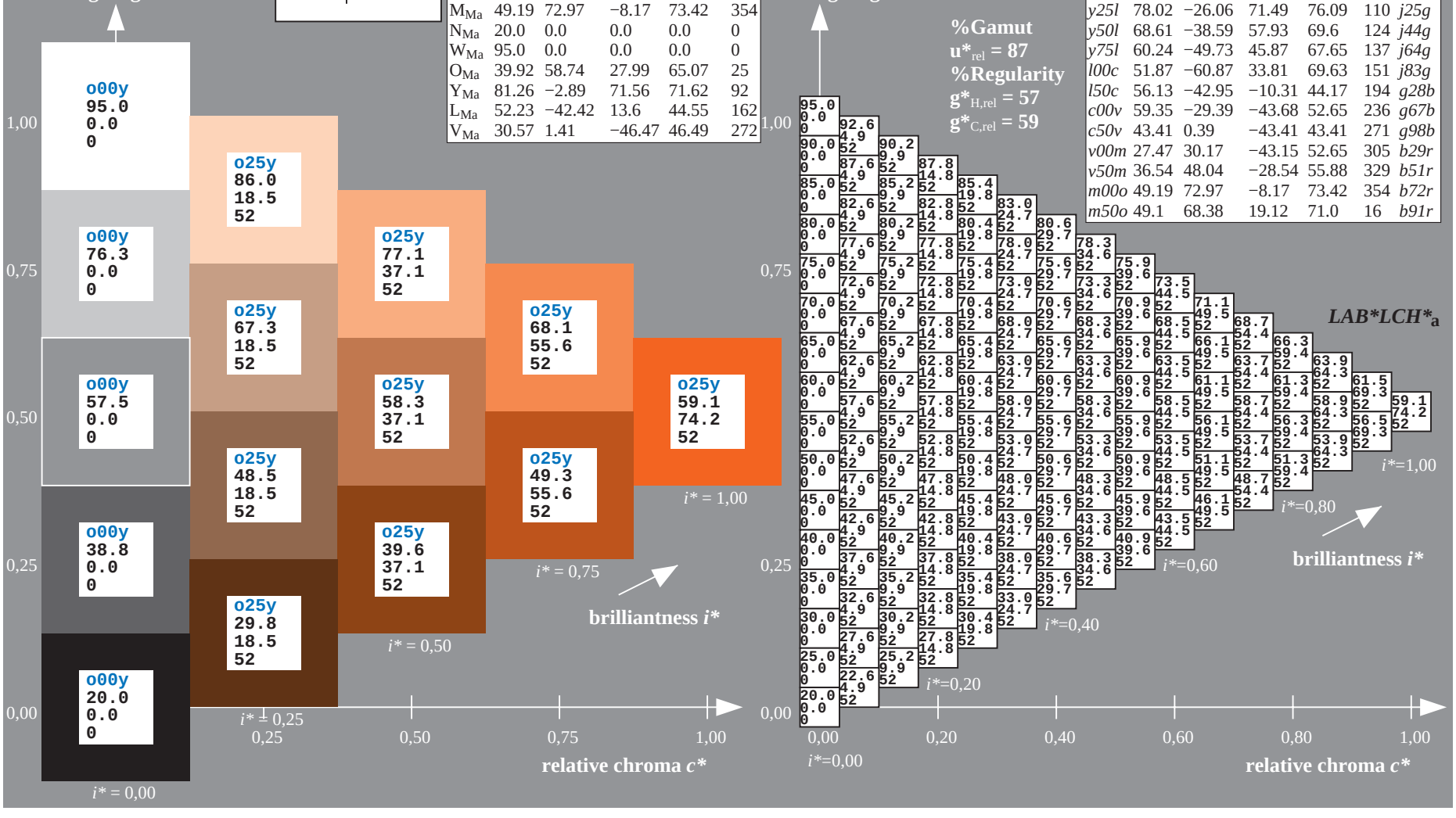
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 45 59
*LAB*LCH**$_{Ma}$: 59 74 52
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.4 0.0
triangle lightness *t**

ORS18_95aM; adapted (a) CIELAB data

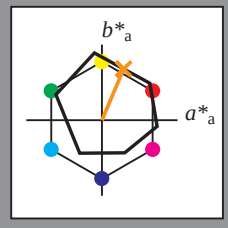
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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

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



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

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o50y* u^*_e = *r62j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



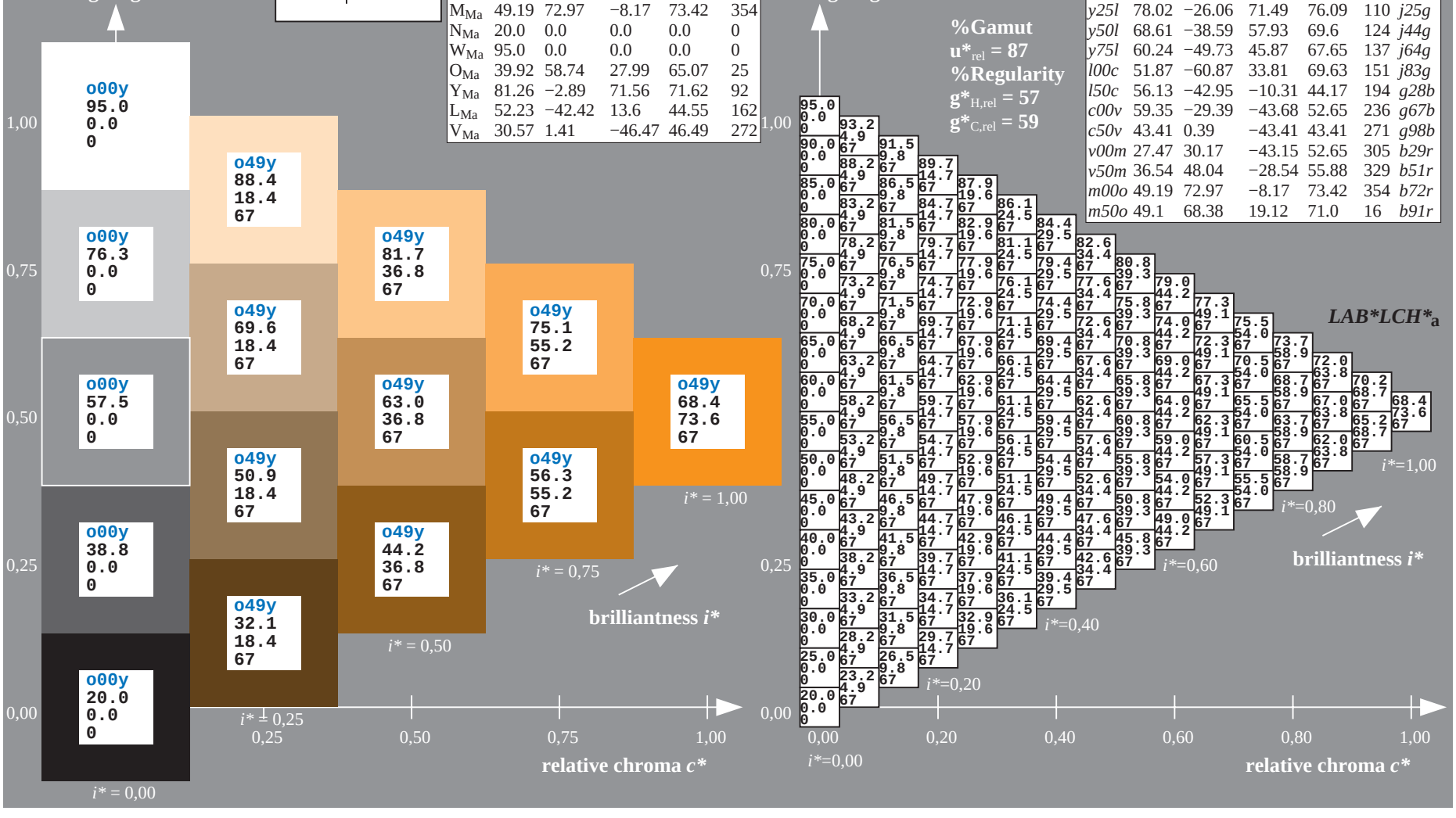
ORS18_95aM; adapted (a) CIELAB data

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

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 68 29 68**
LAB*LCH*$_{Ma}$**: 68 74 67**
lab*olv*$_{Ma}$**: 1.0 0.5 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.62 0.0**
triangle lightness *t**

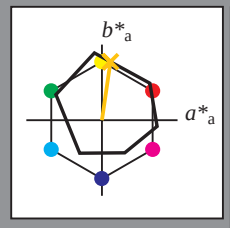
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r83j$
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

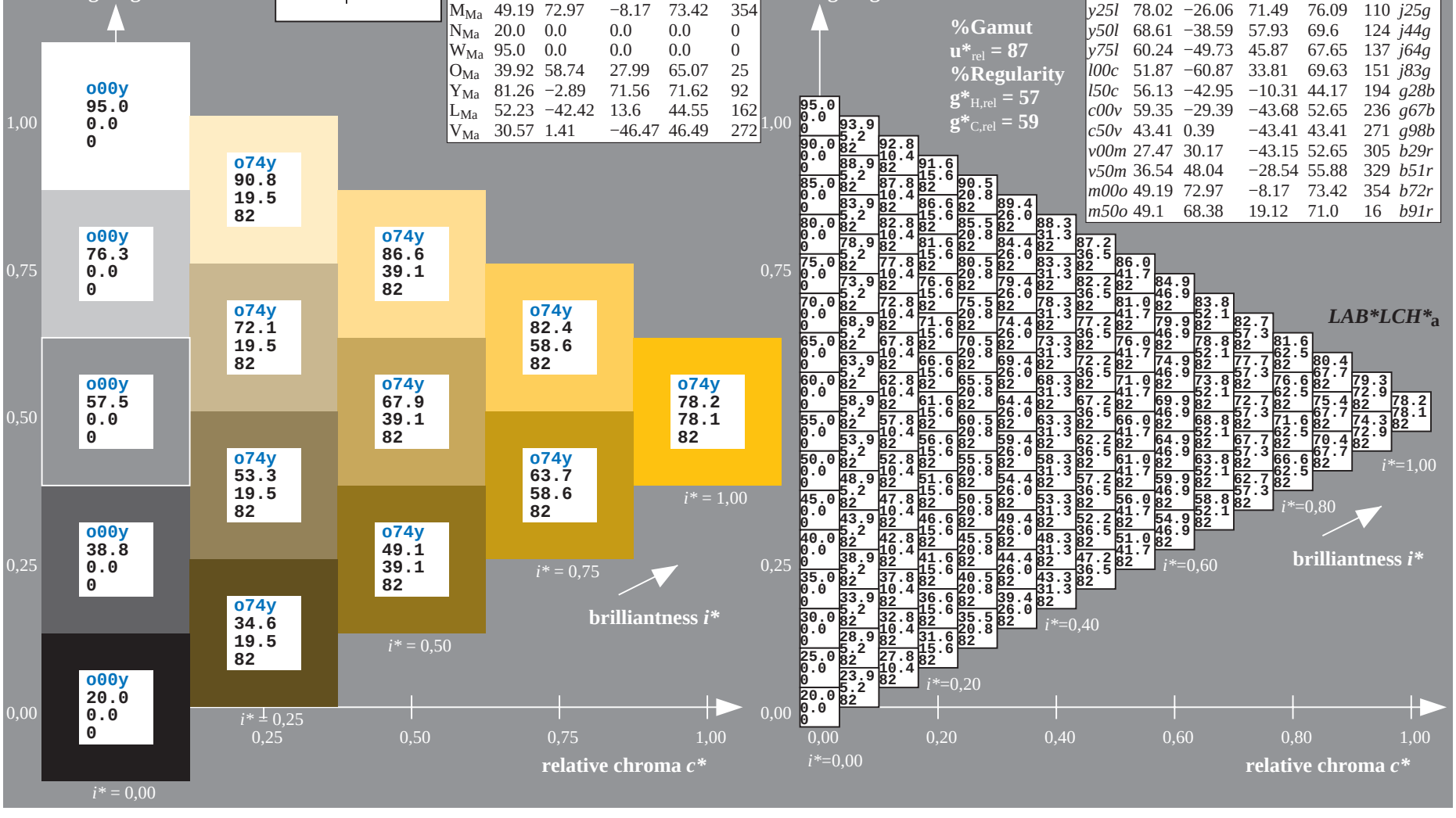
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 78 11 77
$LAB^*LCH^*_{Ma}$: 78 78 81
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.84 0.0
triangle lightness *t**

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

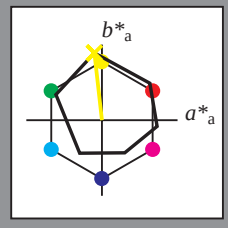
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

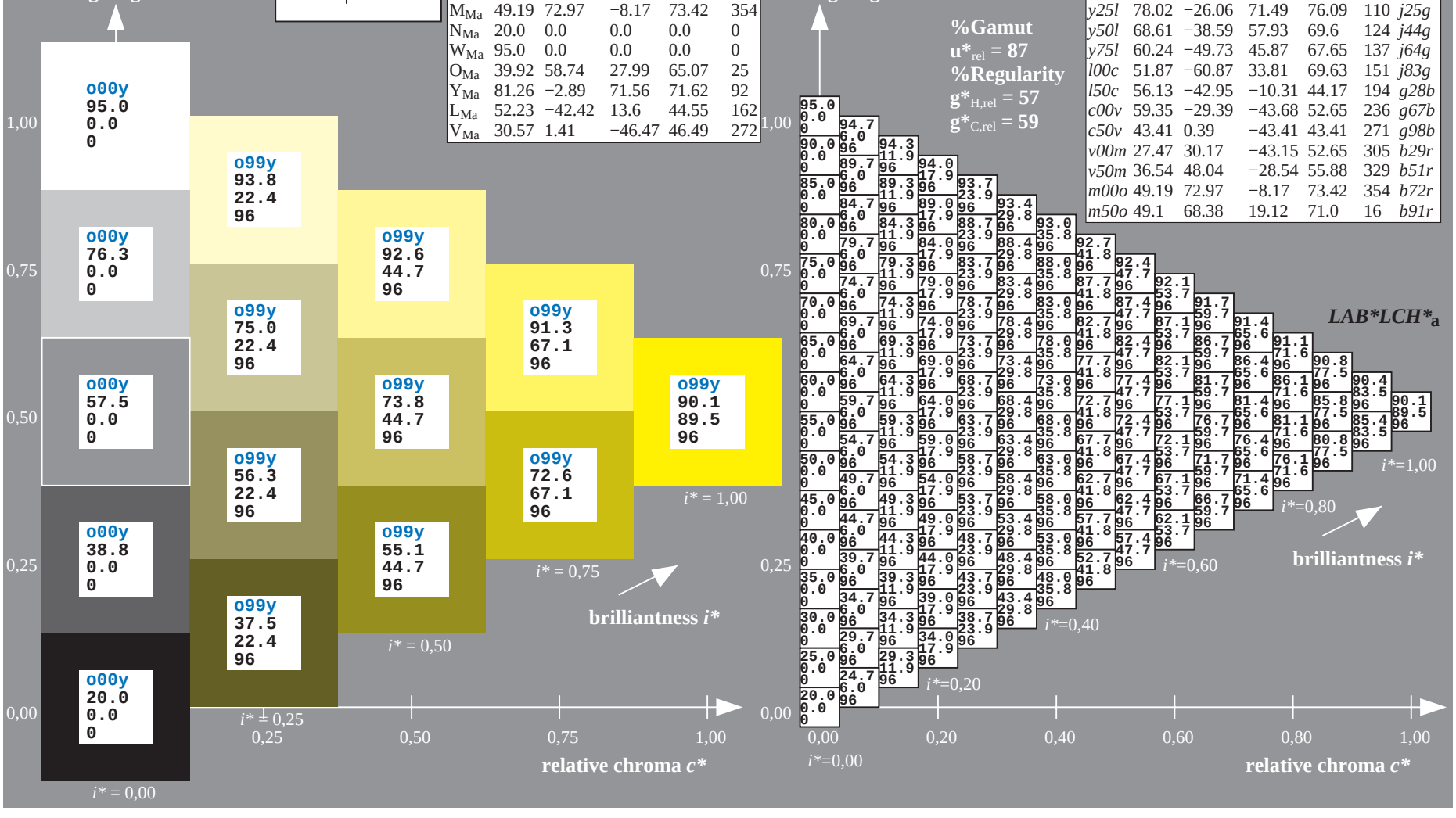
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 90 −10 89
*LAB*LCH**$_{Ma}$: 90 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

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

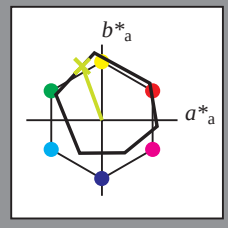
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

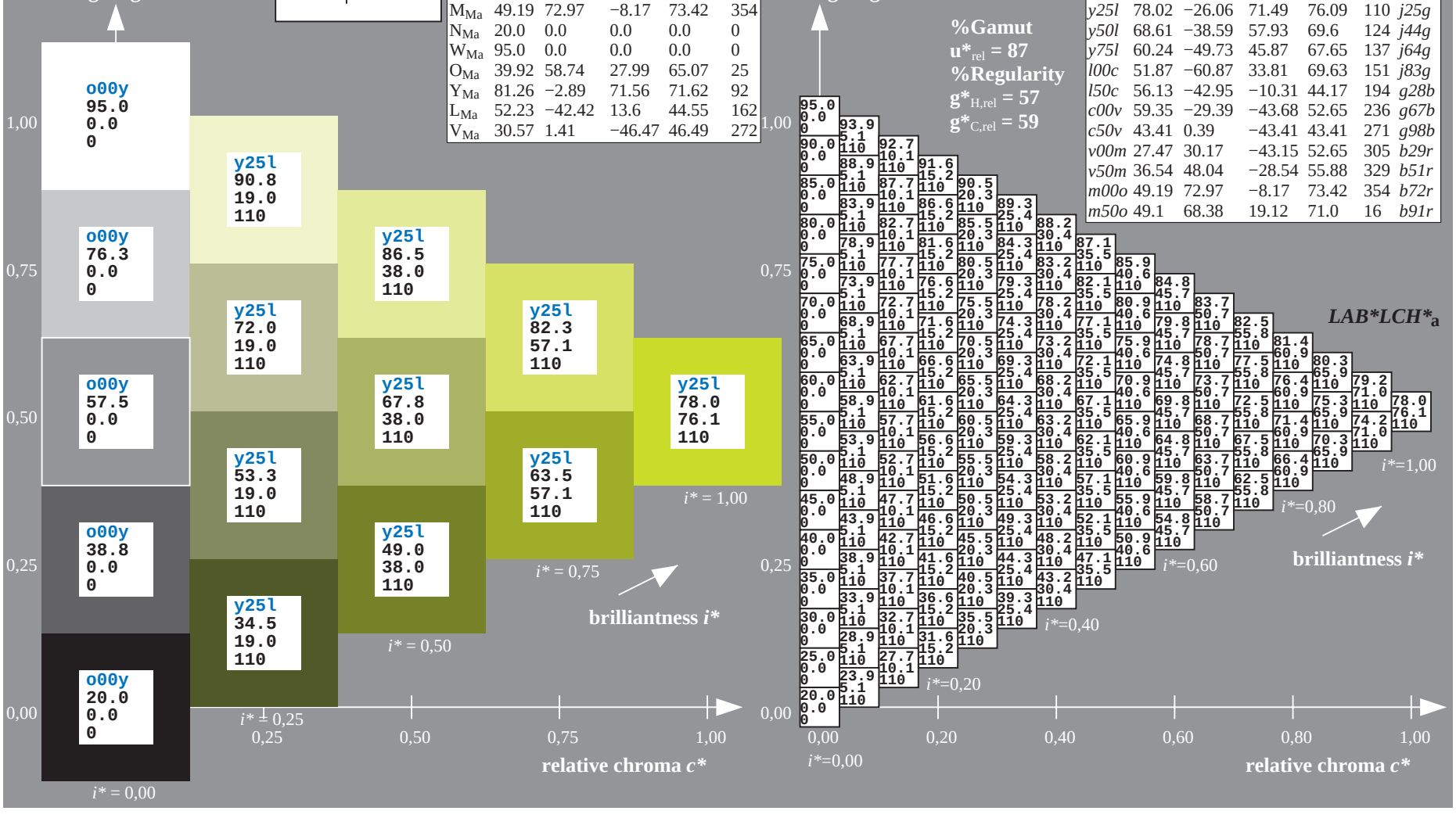
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 −26 71
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.75 1.0 0.0
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

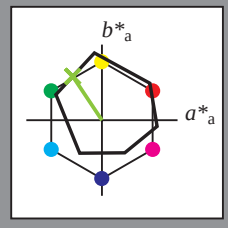
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j44g$
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

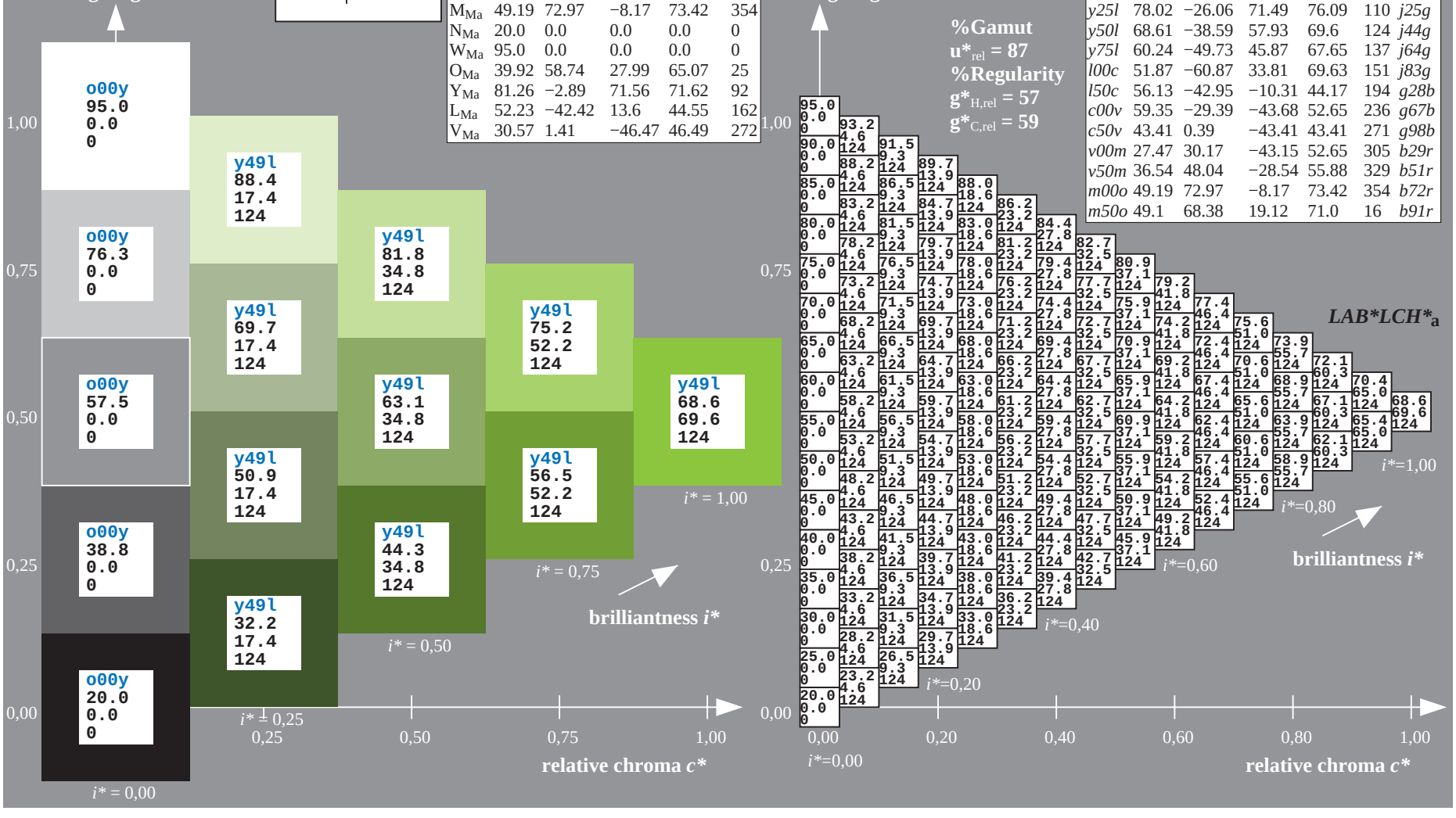
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 69 −39 58
$LAB^*LCH^*_{Ma}$: 69 70 123
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.55 1.0 0.0
triangle lightness *t**

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

$u^*_d = y50l$
$LAB^*LCH^*_a$

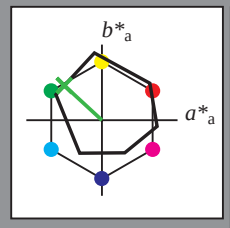
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.381**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j64g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

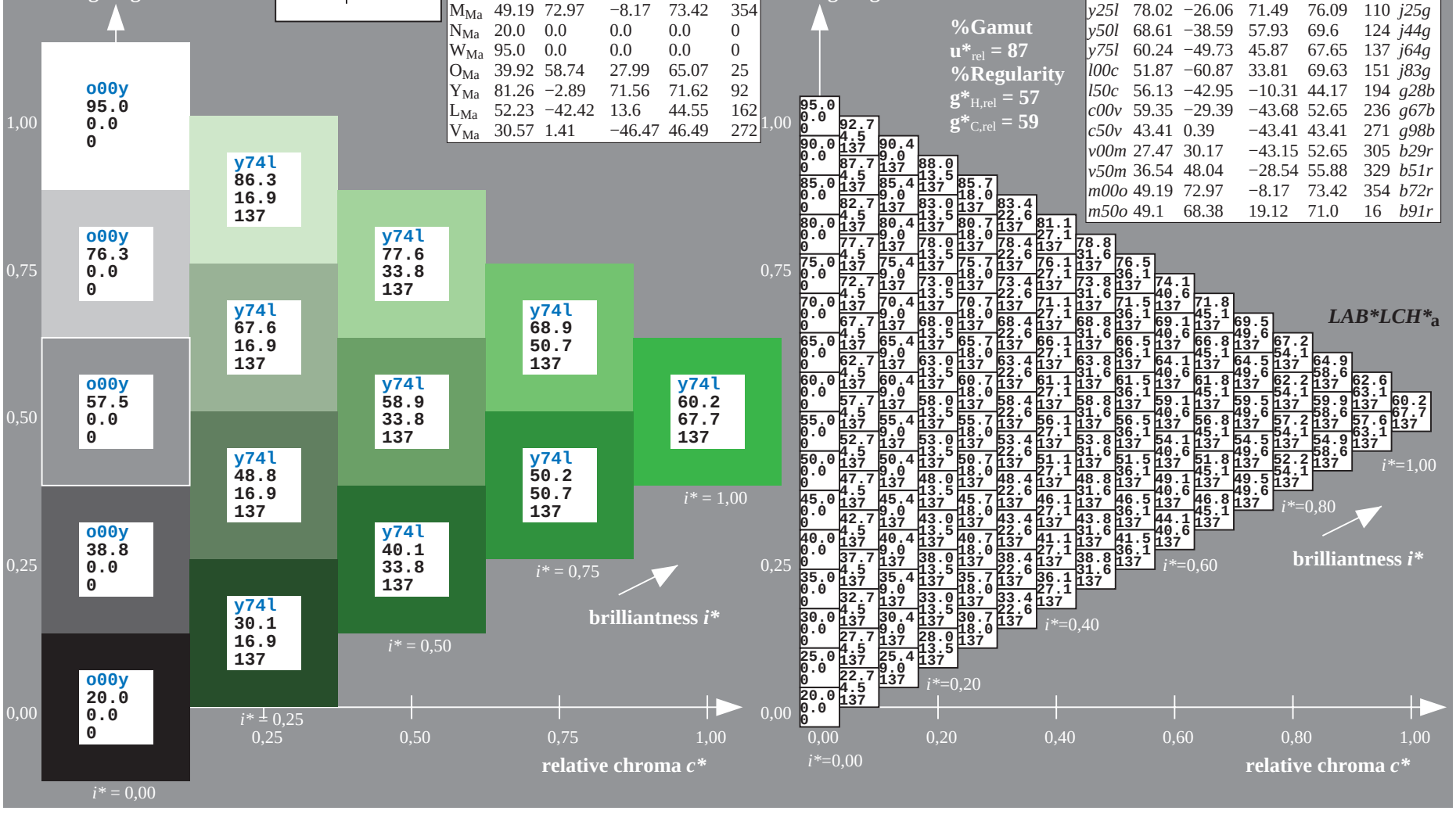
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −50 46
*LAB*LCH**$_{Ma}$: 60 68 137
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.36 1.0 0.0
triangle lightness *t**

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

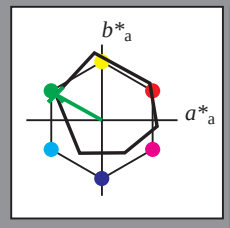
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j83g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

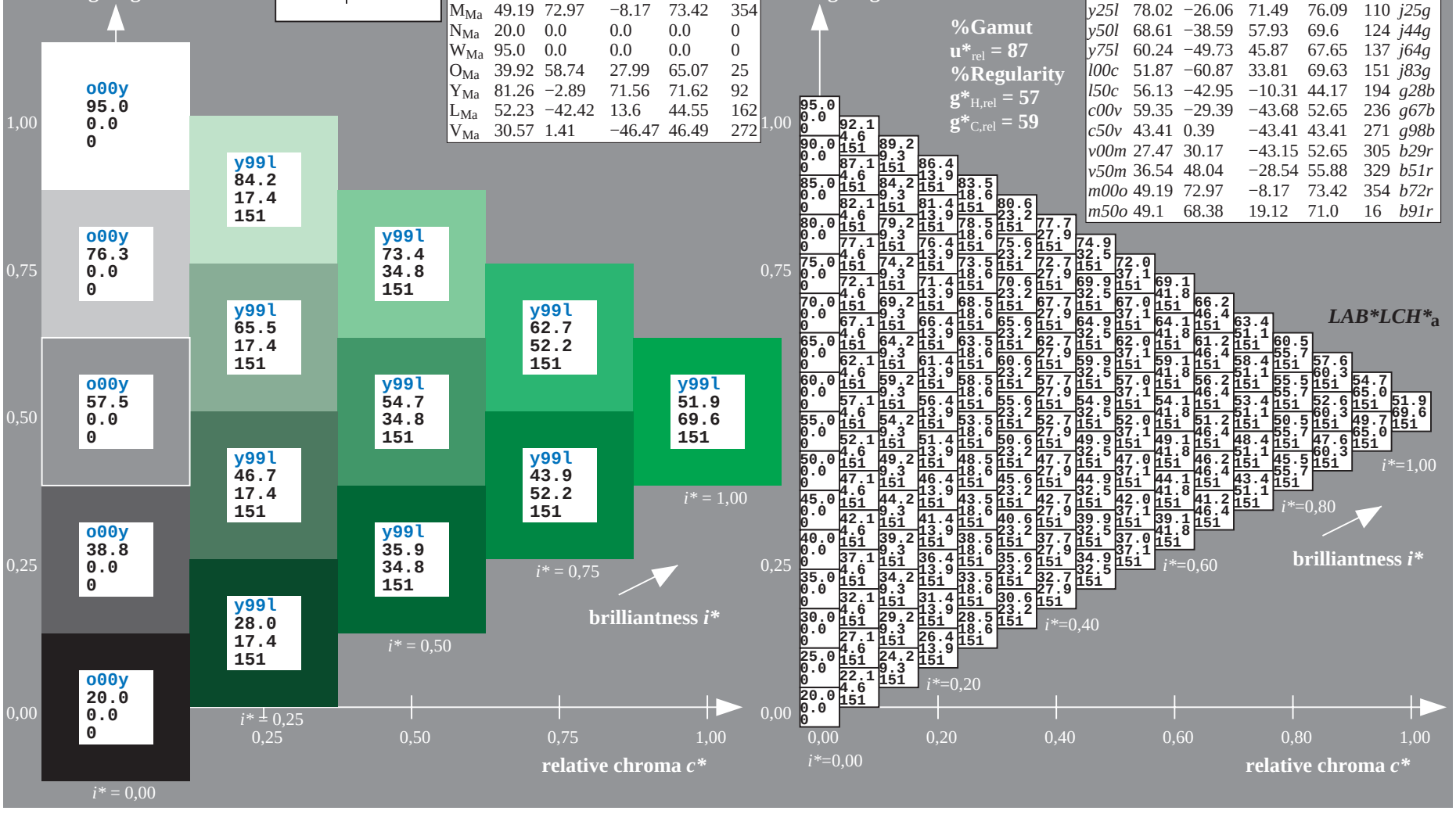
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −61 34
*LAB*LCH**$_{Ma}$: 52 70 150
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.16 1.0 0.0
triangle lightness *t**

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

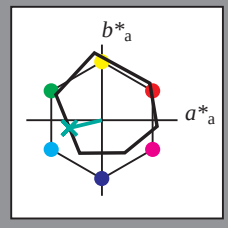
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.538**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

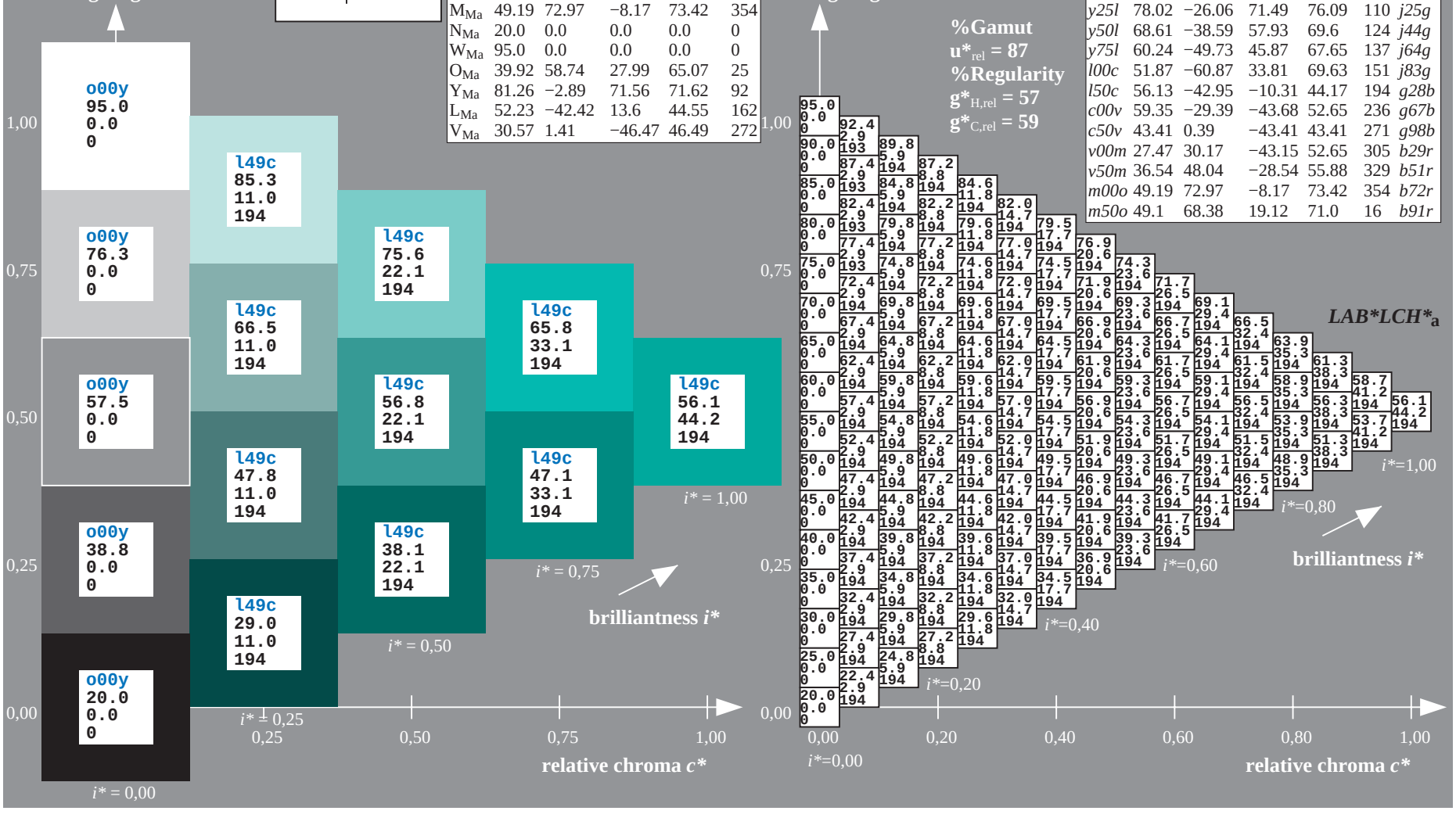
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 −43 −10
*LAB*LCH**$_{Ma}$: 56 44 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

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

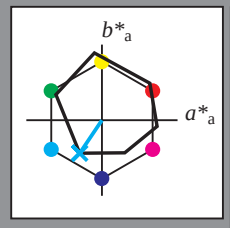
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g67b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

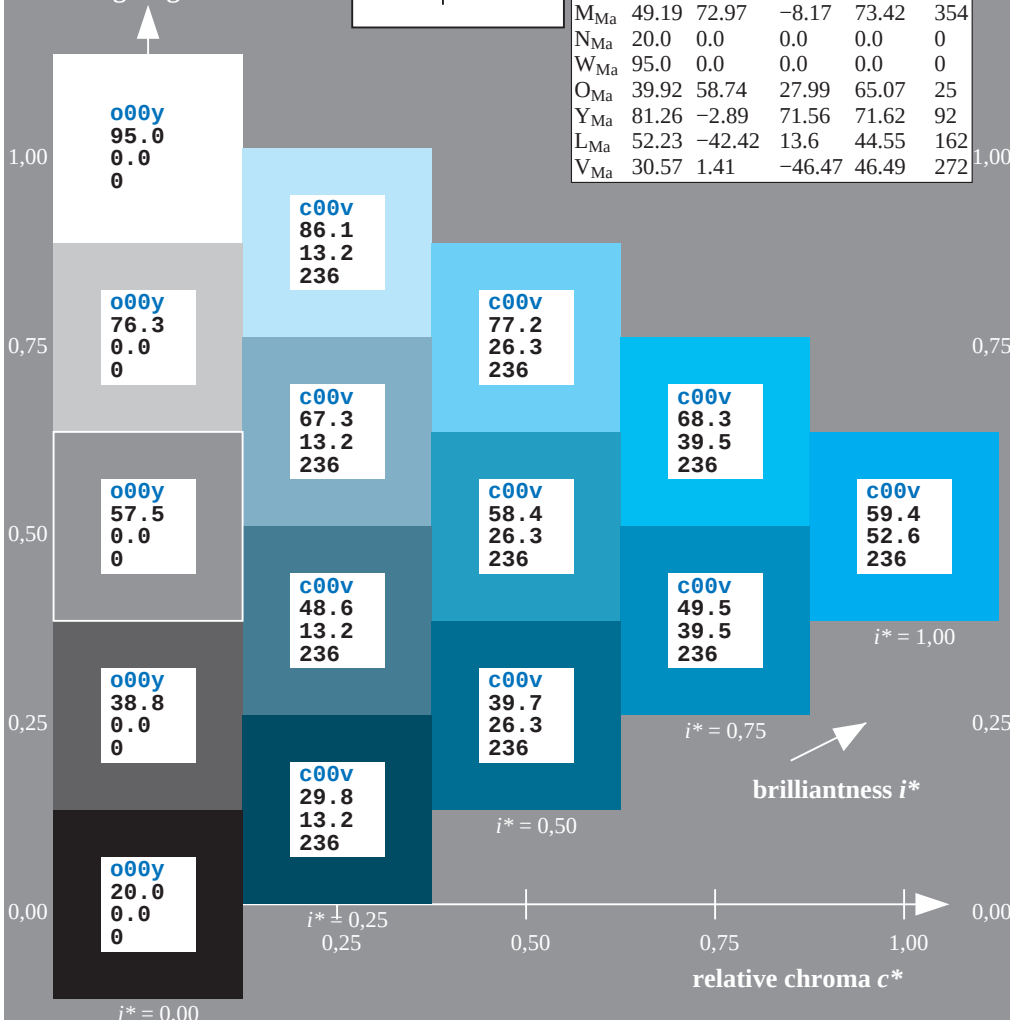
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 −29 −44
*LAB*LCH**$_{Ma}$: 59 53 236
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.65 1.0
triangle lightness *t**

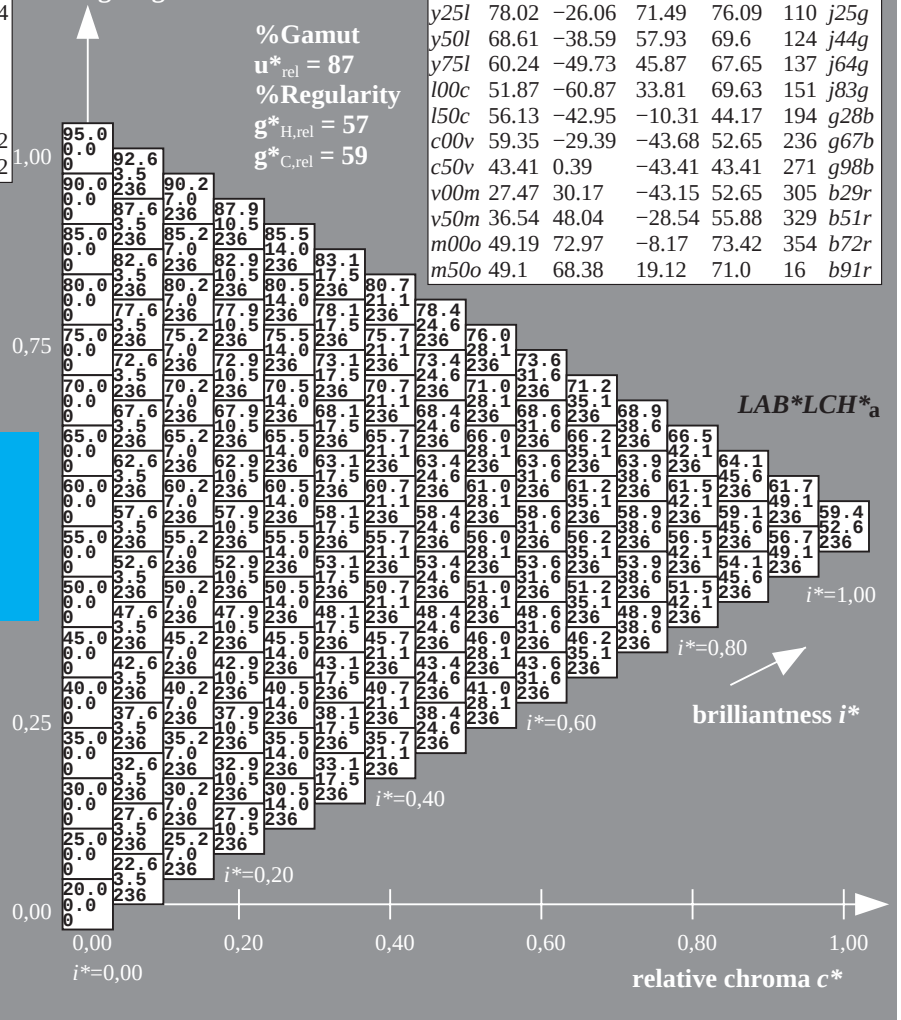
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

u^*_d = *c00v*
LAB*LCH*a

ORS18_95aM; adapted (a) CIELAB data

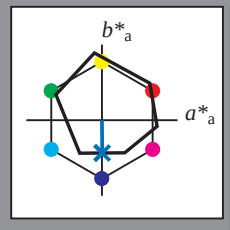
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g98b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

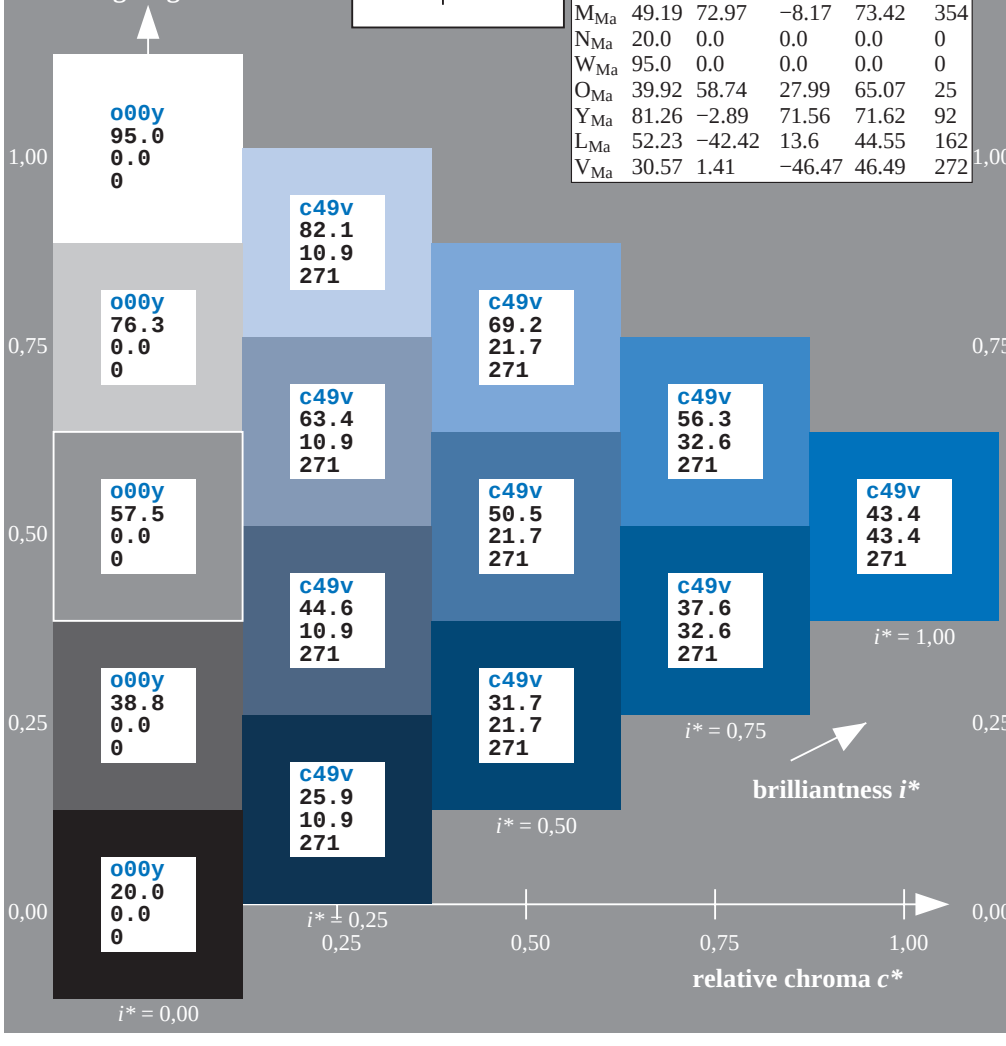
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

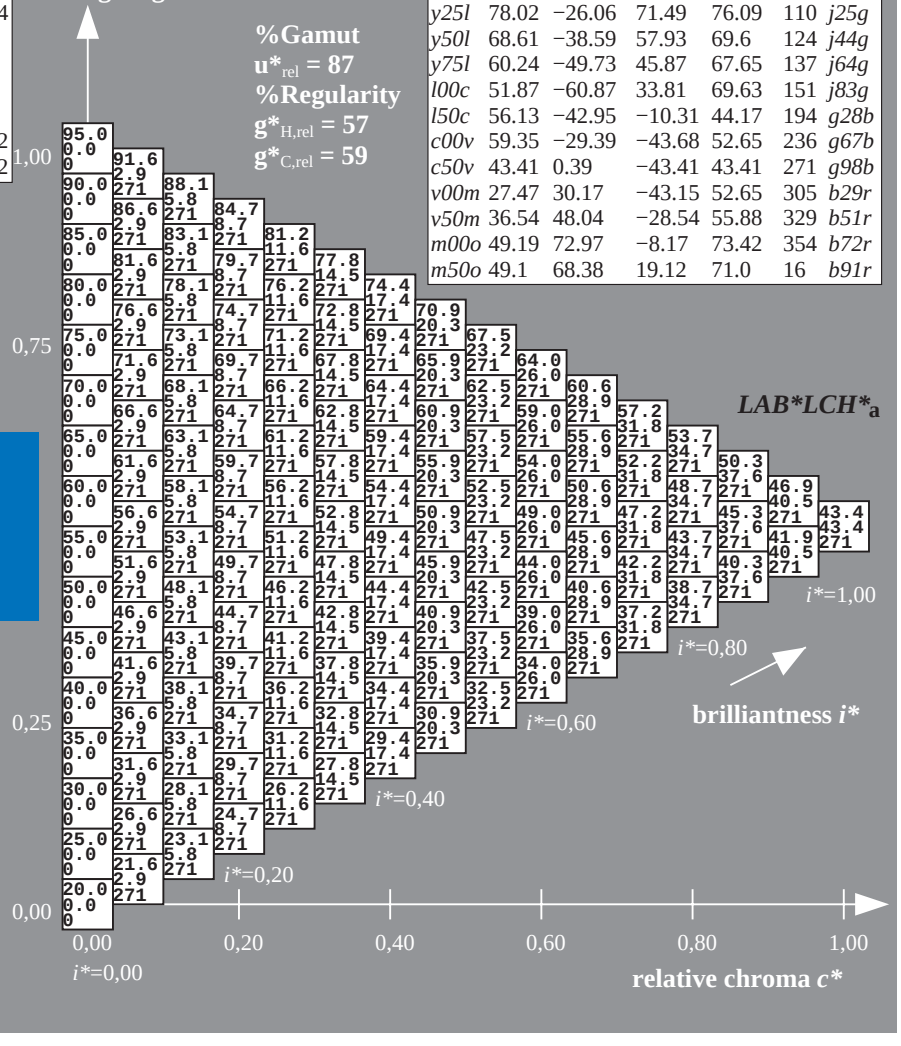
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 0 −43
*LAB*LCH**$_{Ma}$: 43 43 270
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.02 1.0
triangle lightness *t**

ORS18_95aM; adapted (a) CIELAB data

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

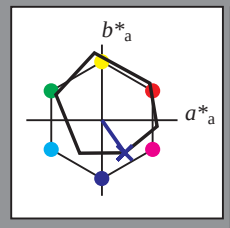
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b29r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

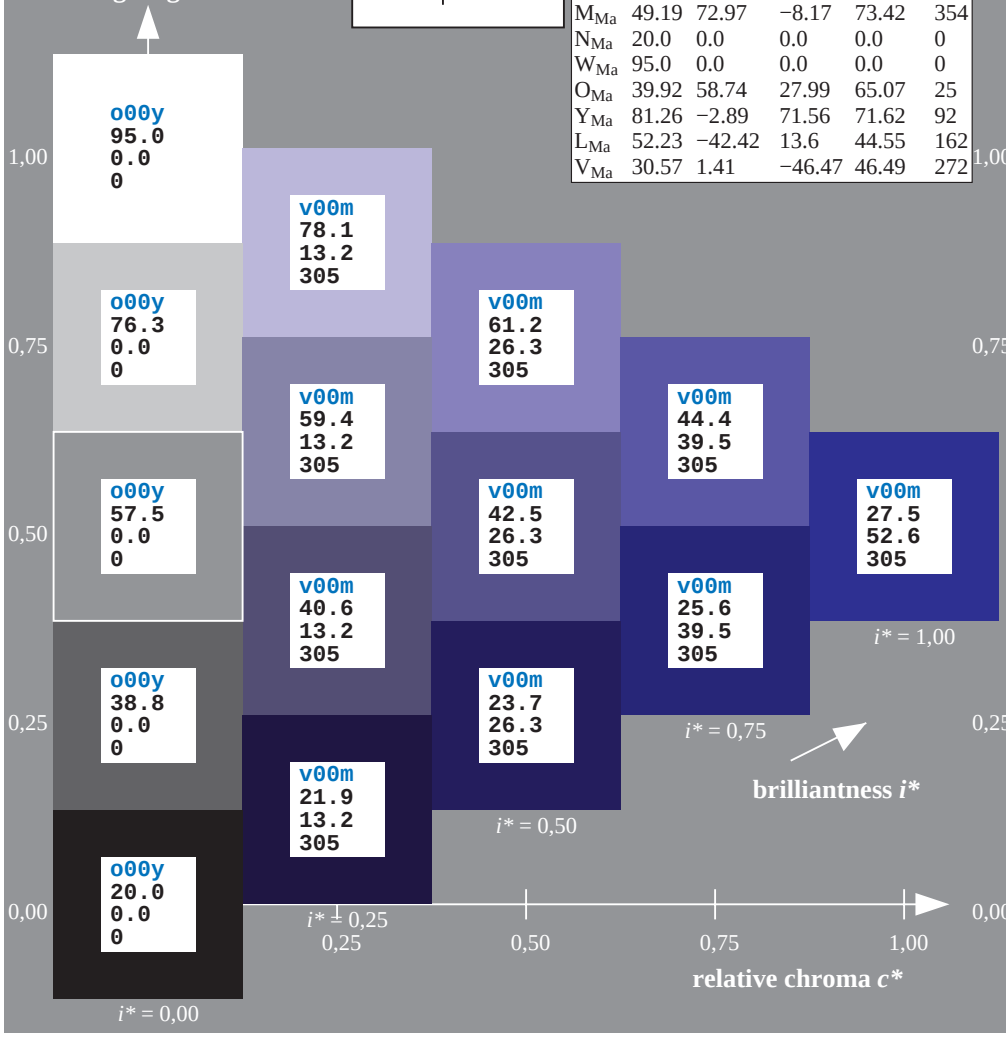
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

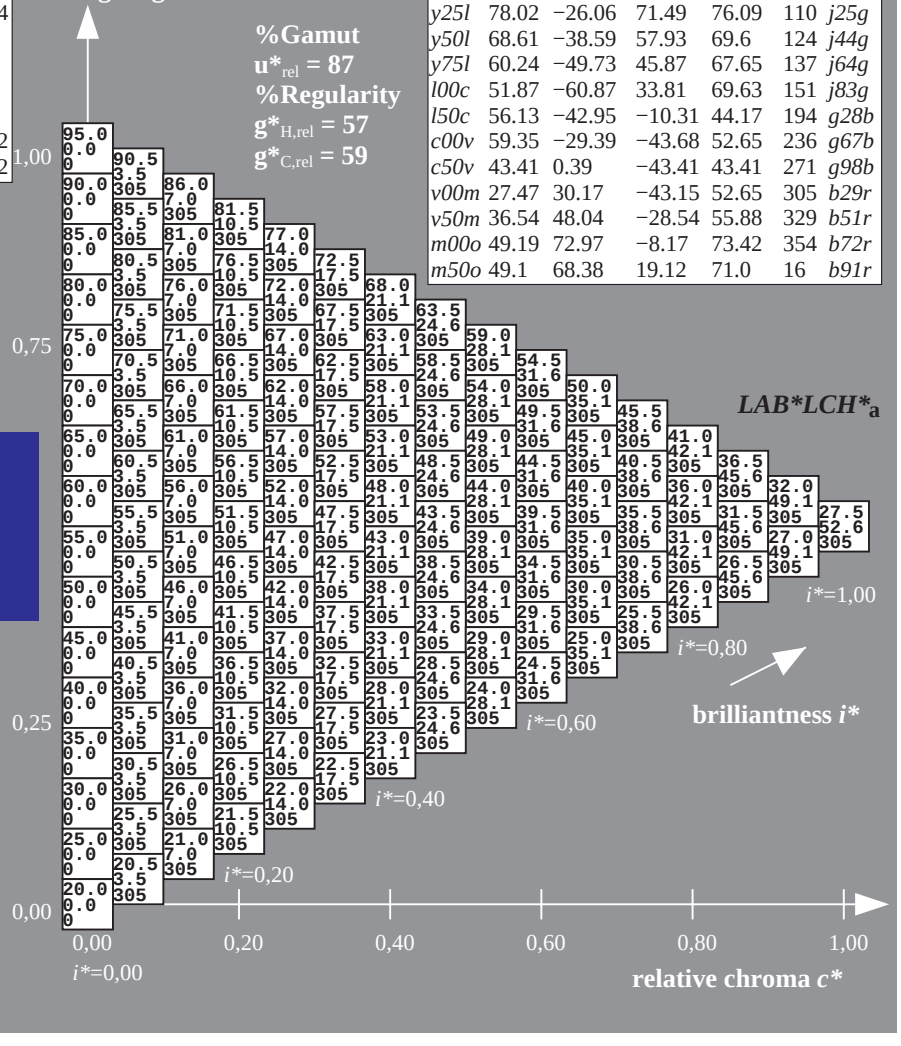
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 27 30 −43
*LAB*LCH**$_{Ma}$: 27 53 304
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.58 0.0 1.0
triangle lightness *t**

ORS18_95aM; adapted (a) CIELAB data

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

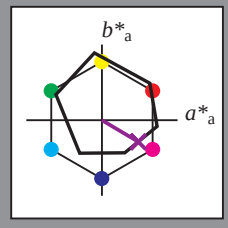
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b51r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

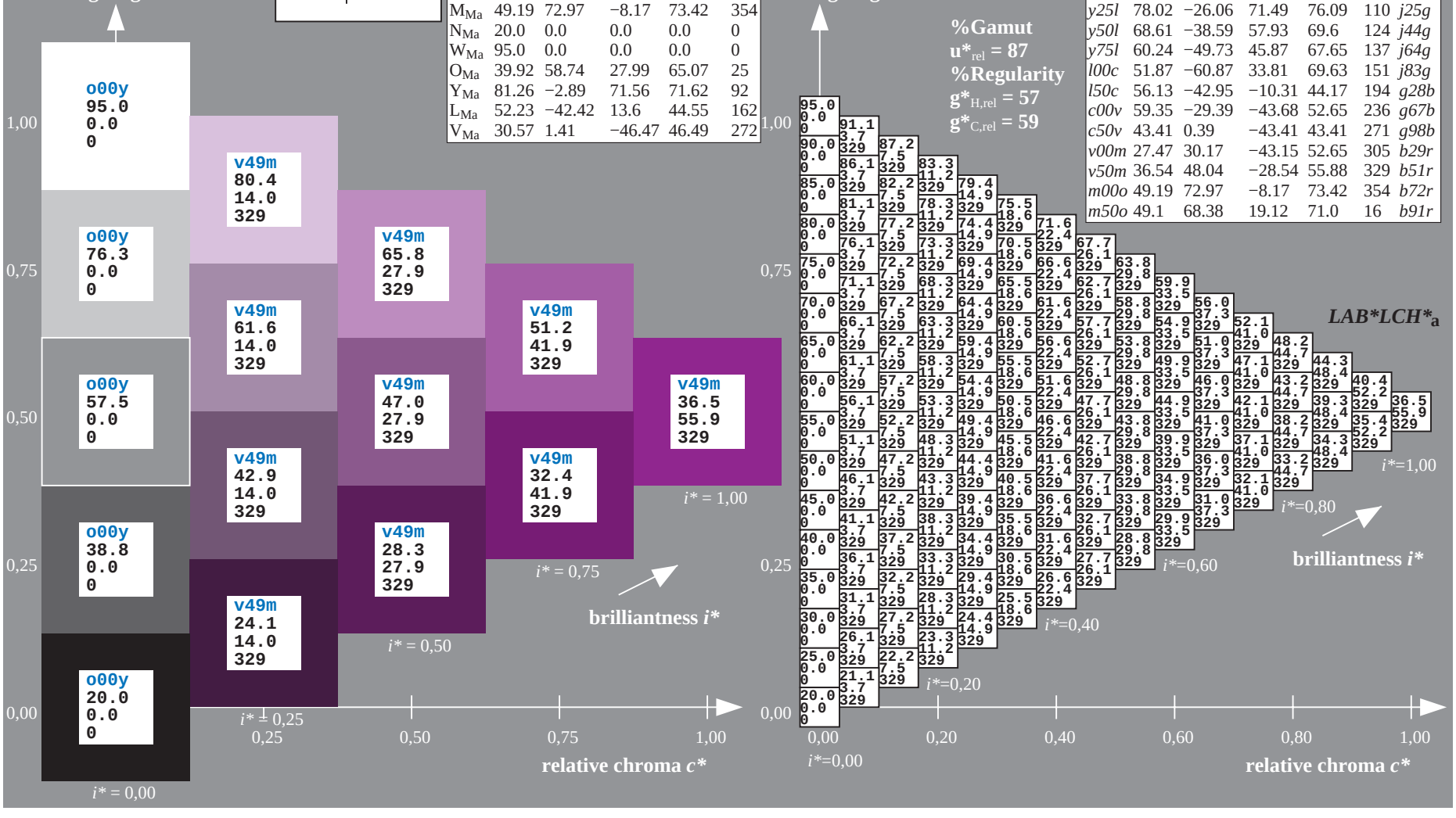
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 37 48 −29
*LAB*LCH**$_{Ma}$: 37 56 329
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.99
triangle lightness *t**

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

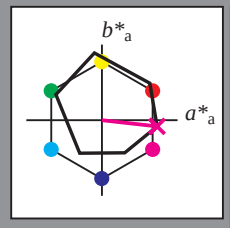
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b72r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



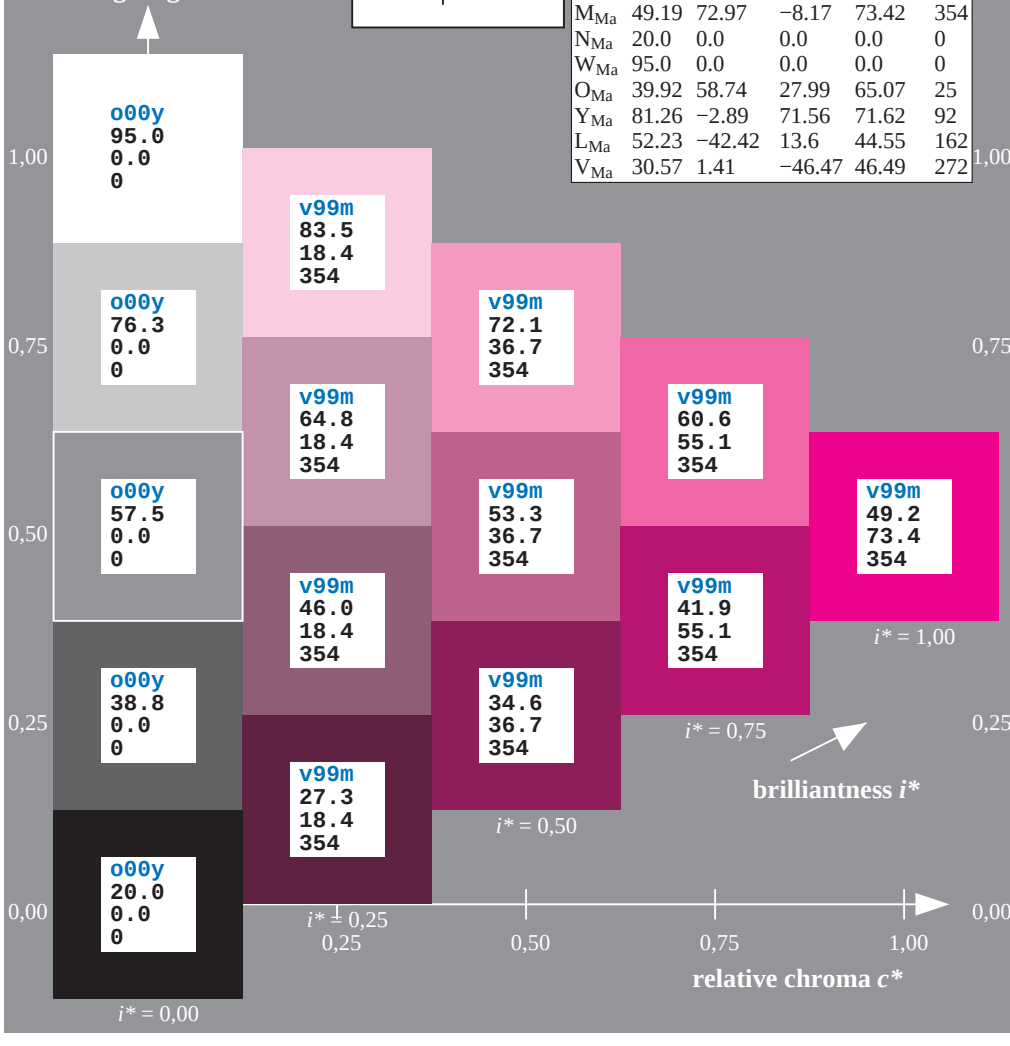
ORS18_95aM; adapted (a) CIELAB data

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

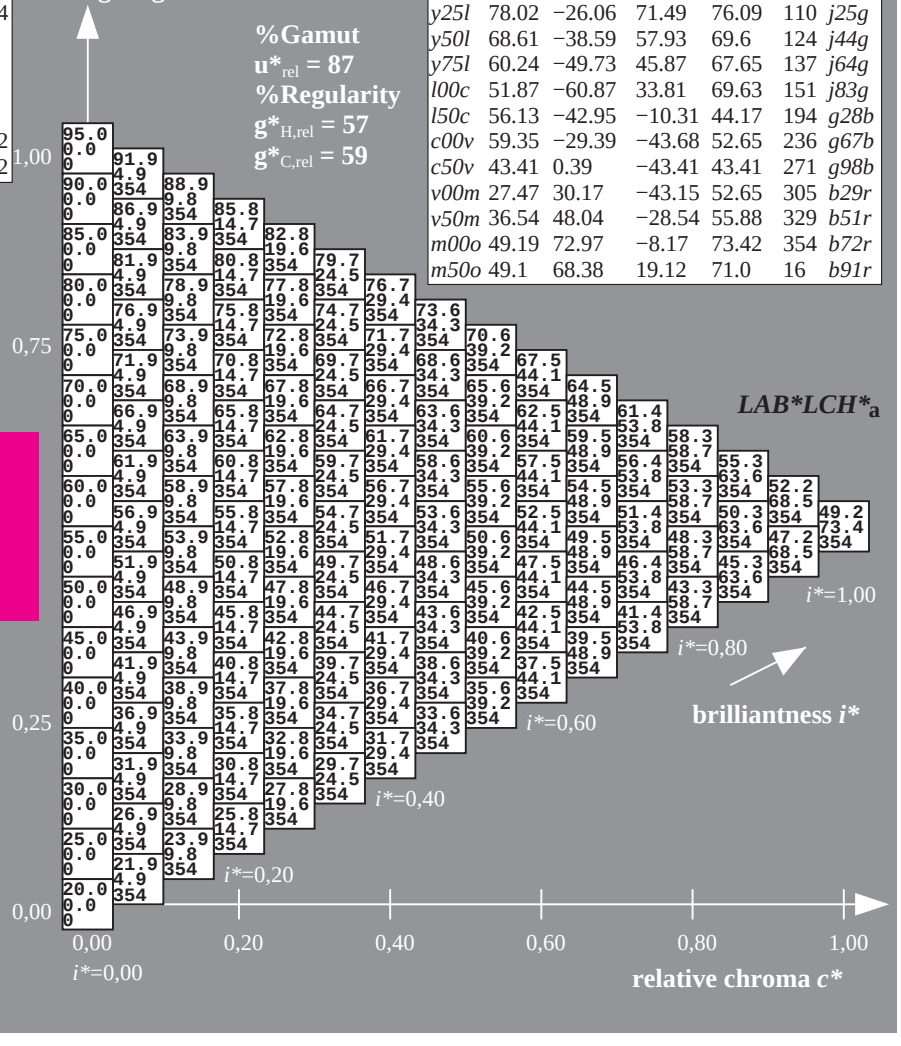
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 73 −8
*LAB*LCH**$_{Ma}$: 49 73 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.56
triangle lightness *t**

ORS18_95aM; adapted (a) CIELAB data

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

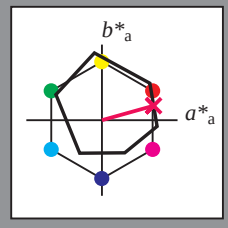


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b91r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

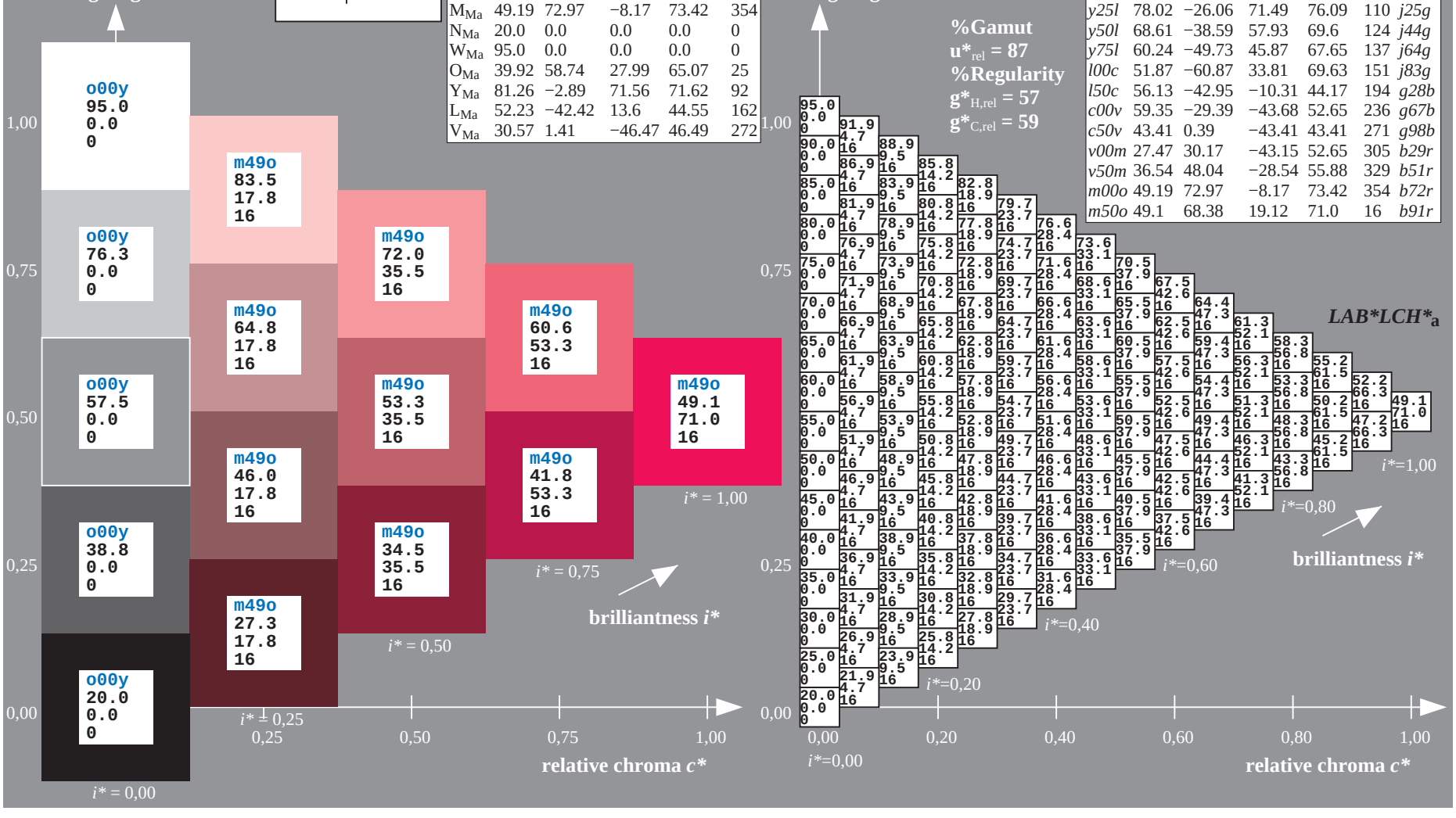
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 68 19
*LAB*LCH**$_{Ma}$: 49 71 15
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.17
triangle lightness *t**

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

u*d* = *m50o
LAB*LCH*a

ORS18_95aM; adapted (a) CIELAB data

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



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
01	20.0 0.0 0	24.0 8.7 151	28.0 17.4 151	32.0 26.1 151	35.9 34.8 151	39.9 43.5 151	43.9 52.2 151	47.9 60.9 151	51.9 69.6 151	23.6 10.0 38	28.8 11.2 96	32.2 17.4 124	36.1 25.4 133	40.1 33.8 137	44.1 42.3 140	48.1 50.9 142	52.1 59.5 143	56.1 68.1 144	27.3 20.0 38	32.1 18.4 67
02	20.9 6.6 305	24.9 6.6 236	29.0 11.0 194	33.2 17.8 179	37.2 25.2 172	41.3 33.0 168	45.3 41.0 165	49.4 49.2 163	53.4 57.4 162	23.6 9.2 354	29.4 0.0 0	33.4 8.7 151	37.3 17.4 151	41.3 26.1 151	45.3 34.8 151	49.3 43.5 151	53.3 52.2 151	57.3 60.9 151	27.3 17.8 16	33.0 10.0 38
03	21.9 13.2 305	25.9 10.9 271	29.8 13.2 236	33.9 16.5 208	38.1 22.1 194	42.2 28.6 185	46.3 35.5 179	50.4 42.8 175	54.5 50.4 172	24.1 14.0 329	30.3 6.6 305	34.3 6.6 236	38.4 11.0 194	42.5 17.8 179	46.6 25.2 172	50.7 33.0 168	54.7 41.0 165	58.7 49.2 163	27.3 18.4 354	33.0 9.2 354
04	22.8 19.7 305	27.0 16.6 282	30.5 16.6 259	34.8 19.7 236	38.8 22.4 215	42.9 27.3 202	47.1 33.1 194	51.2 39.5 187	55.4 46.3 183	25.0 20.1 321	31.2 13.2 305	35.2 10.9 271	39.2 13.2 236	43.3 16.5 208	47.4 22.1 194	51.6 28.6 185	55.7 35.5 179	59.8 42.8 175	27.5 22.3 337	33.5 14.0 329
05	23.7 26.3 305	28.1 22.7 288	31.7 21.7 271	35.3 22.7 253	39.7 26.3 236	43.7 28.5 219	47.8 32.9 208	52.0 38.2 200	56.1 44.2 194	25.9 26.5 317	32.2 19.7 305	36.4 16.6 282	39.9 16.6 259	44.1 19.7 236	48.2 22.4 215	52.3 27.3 202	56.5 33.1 194	60.6 39.5 187	28.3 27.9 329	34.4 20.1 321
06	24.7 32.9 305	29.2 29.0 291	32.9 27.3 277	36.4 27.3 264	40.1 29.0 250	44.6 32.9 236	48.6 34.8 222	52.7 38.8 212	56.9 43.7 204	26.9 33.0 315	33.1 26.3 305	37.5 22.7 288	41.1 21.7 271	44.7 22.7 253	49.1 26.3 236	53.1 28.5 219	57.2 32.9 208	61.4 38.2 200	29.1 34.0 324	35.3 26.5 317
07	25.6 39.5 305	30.2 35.4 293	34.0 33.2 282	37.6 32.6 271	41.1 33.2 259	44.9 35.4 248	49.5 39.5 236	53.5 41.2 224	57.6 44.8 215	27.8 39.5 313	34.0 32.9 305	38.5 29.0 291	42.3 27.3 277	45.8 27.3 264	49.5 29.0 250	54.0 32.9 236	58.0 34.8 222	62.1 38.8 212	30.0 40.2 321	36.2 33.0 315
08	26.5 46.1 305	31.2 41.8 295	35.1 39.3 285	38.7 38.1 275	42.2 38.1 266	45.8 39.3 256	49.8 41.8 246	54.4 46.1 236	58.4 47.6 225	28.7 46.0 312	35.0 39.5 305	39.5 35.4 293	43.4 33.2 282	46.9 32.6 271	50.5 33.2 259	54.3 35.4 248	58.9 39.5 236	62.9 41.2 224	30.9 46.6 319	37.2 39.5 313
09	27.5 52.6 305	32.2 48.2 296	36.2 45.5 288	39.9 43.9 279	43.4 43.4 271	46.9 43.9 262	50.6 45.5 253	54.7 48.2 245	59.4 52.6 236	29.7 52.5 311	35.9 46.1 305	40.5 41.8 295	44.5 39.3 285	48.1 38.1 275	51.6 38.1 266	55.2 39.3 256	59.2 41.8 246	63.8 46.1 236	31.9 53.0 317	38.1 46.0 312
10	30.9 30.0 38	35.8 27.6 57	40.6 28.5 77	46.3 33.6 96	49.0 38.0 110	52.6 44.7 118	56.5 52.2 124	60.4 60.1 128	64.4 68.1 130	34.5 40.0 38	39.6 37.1 52	44.2 36.8 67	49.1 39.1 82	55.1 44.7 96	57.6 48.8 107	61.0 55.0 115	64.7 62.1 120	68.6 69.6 124	38.1 50.0 38	43.3 46.8 49
11	30.9 27.2 23	36.6 20.0 38	41.5 18.4 67	46.9 22.4 96	49.9 27.5 115	53.7 34.8 124	57.6 42.7 129	61.6 50.9 133	65.6 59.2 135	34.5 36.9 27	40.3 30.0 38	45.2 27.6 57	49.9 28.5 77	55.7 33.6 96	58.4 38.0 110	62.0 44.7 118	65.8 52.2 124	69.8 60.1 128	38.2 46.8 29	43.9 40.0 38
12	30.9 26.5 8	36.6 17.8 16	42.4 10.0 38	47.5 11.2 96	50.9 17.4 124	54.9 25.4 133	58.9 33.8 137	62.9 42.3 140	66.9 50.9 142	34.5 35.5 16	40.3 27.2 23	46.0 20.0 38	50.9 18.4 67	56.3 22.4 96	59.3 27.5 115	63.1 34.8 124	67.0 42.7 129	71.0 50.9 133	38.2 44.9 20	43.9 36.9 27
13	30.9 27.5 354	36.7 18.4 354	42.4 9.2 354	48.1 0.0 0	52.1 8.7 151	56.1 17.4 151	60.1 26.1 151	64.1 34.8 151	68.0 43.5 151	34.6 35.4 5	40.3 26.5 8	46.0 17.8 16	51.8 10.0 38	56.9 11.2 96	60.3 17.4 124	64.2 25.4 133	68.2 33.8 137	72.2 42.3 140	38.2 44.1 11	43.9 35.5 16
14	31.0 31.0 341	36.9 22.3 337	42.9 14.0 329	49.1 6.6 305	53.0 6.6 236	57.2 11.0 194	61.3 17.8 179	65.4 25.2 172	69.4 33.0 168	34.6 36.7 354	40.3 27.5 354	46.0 18.4 354	51.8 9.2 354	57.5 0.0 0	61.5 8.7 151	65.5 17.4 151	69.5 26.1 151	73.4 34.8 151	38.2 44.5 2	43.9 35.4 5
15	31.6 36.2 334	37.6 27.9 329	43.8 20.1 321	50.0 13.2 305	54.0 10.9 271	58.0 13.2 236	62.0 16.5 208	66.2 22.1 194	70.3 28.6 185	34.5 39.9 344	40.4 31.0 341	46.3 22.3 337	52.3 14.0 329	58.4 6.6 305	62.4 6.6 236	66.5 11.0 194	70.7 17.8 179	74.7 25.2 172	38.2 45.9 354	44.0 36.7 354
16	32.4 41.9 329	38.5 34.0 324	44.7 26.5 317	50.9 19.7 305	55.1 16.6 282	58.7 16.6 259	62.9 19.7 236	66.9 22.4 215	71.1 27.3 202	35.0 44.7 337	41.0 36.2 334	47.0 27.9 329	53.1 20.1 321	59.4 13.2 305	63.4 10.9 271	67.3 13.2 236	71.4 16.5 208	75.6 22.1 194	38.1 48.8 345	43.9 39.9 344
17	33.3 47.9 326	39.4 40.2 321	45.6 33.0 315	51.9 26.3 305	56.2 22.7 288	59.8 21.7 271	63.4 22.7 253	67.8 26.3 236	71.8 28.5 219	35.7 50.1 333	41.8 41.9 329	47.9 34.0 324	54.1 26.5 317	60.3 19.7 305	64.5 16.6 282	68.0 16.6 259	72.3 19.7 236	76.3 22.4 215	38.5 53.3 340	44.4 44.7 337
18	34.1 54.1 323	40.3 46.6 319	46.5 39.5 313	52.8 32.9 305	57.3 29.0 291	61.0 27.3 277	64.5 27.3 264	68.2 29.0 250	72.7 32.9 236	36.5 55.9 329	42.6 47.9 326	48.8 40.2 321	55.0 33.0 315	61.2 26.3 305	65.6 22.7 288	69.2 21.7 271	72.8 22.7 253	77.2 26.3 236	39.1 58.5 335	45.1 50.1 333
19	41.8 60.0 38	46.9 56.6 47	51.7 55.1 57	56.3 55.2 67	61.1 57.0 77	66.4 60.8 87	72.6 67.1 96	74.9 70.7 104	78.0 76.1 110	45.4 70.0 38	50.6 66.5 46	55.4 64.6 54	60.0 64.1 63	64.7 65.1 71	69.6 67.5 80	75.1 71.7 88	81.4 78.3 96	83.6 81.7 103	49.0 80.0 38	54.2 76.4 45
20	41.8 56.6 30	47.5 50.0 38	52.6 46.8 49	57.3 45.8 61	62.0 46.7 73	67.1 49.9 85	73.2 55.9 96	75.6 59.7 105	78.9 65.5 112	45.4 66.5 31	51.1 60.0 38	56.3 56.6 47	61.1 55.1 57	65.7 55.2 67	70.5 57.0 77	75.8 60.8 87	82.0 67.1 96	84.3 70.7 104	49.0 76.5 32	54.8 70.0 38
21	41.8 54.4 23	47.5 46.8 29	53.3 40.0 38	58.3 37.1 52	63.0 36.8 67	67.9 39.1 82	73.8 44.7 96	76.3 48.8 107	79.8 55.0 115	45.4 64.1 25	51.2 56.6 30	56.9 50.0 38	62.0 46.8 49	66.7 45.8 61	71.4 46.7 73	76.5 49.9 85	82.6 55.9 96	85.0 59.7 105	49.1 73.9 27	54.8 66.5 31
22	41.8 53.3 16	47.6 44.9 20	53.3 36.9 27	59.0 30.0 38	64.0 27.6 57	68.7 28.5 77	74.4 33.6 96	77.1 38.0 110	80.7 44.7 118	45.4 62.6 19	51.2 54.4 23	56.9 46.8 29	62.6 40.0 38	67.7 37.1 52	72.3 36.8 67	77.2 39.1 82	83.2 44.7 96	85.7 48.8 107	49.1 72.1 21	54.8 64.1 25
23	41.8 53.0 8	47.6 44.1 11	53.3 35.5 16	59.0 27.2 23	64.8 20.0 38	69.6 18.4 67	75.0 22.4 96	78.0 27.5 115	81.8 34.8 124	45.5 61.9 12	51.2 53.3 16	56.9 44.9 20	62.7 36.9 27	68.4 30.0 38	73.3 27.6 57	78.1 28.5 77	83.8 33.6 96	86.5 38.0 110	49.1 71.0 16	54.8 62.6 19
24	41.9 53.6 1	47.6 44.5 2	53.3 35.4 5	59.0 26.5 8	64.8 17.8 16	70.5 10.0 38	75.6 11.2 96	79.0 17.4 124	83.0 25.4 133	45.5 61.9 6	51.2 53.0 8	56.9 44.1 11	62.7 35.5 16	68.4 27.2 23	74.1 20.0 38	79.0 18.4 67	84.4 22.4 96	87.4 27.5 115	49.1 70.6 10	54.8 61.9 12
25	41.9 55.1 354	47.6 45.9 354	53.3 36.7 354	59.1 27.5 354	64.8 18.4 354	70.5 9.2 354	76.3 0.0 0	80.2 8.7 151	84.2 17.4 151	45.5 62.7 360	51.2 53.6 1	57.0 44.5 2	62.7 35.4 5	68.4 26.5 8	74.1 17.8 16	79.9 10.0 38	85.0 11.2 96	88.4 17.4 124	49.1 70.9 5	54.9 61.9 6
26	41.7 57.8 347	47.5 48.8 345	53.3 39.9 344	59.1 31.0 341	65.0 22.3 337	71.0 14.0 329	77.2 6.6 305	81.2 6.6 236	85.3 11.0 194	45.5 64.2 354	51.3 55.1 354	57.0 45.9 354	62.7 36.7 354	68.4 27.5 354	74.2 18.4 354	79.9 9.2 354	85.6 0.0 0	89.6 8.7 151	49.2 71.8 359	54.9 62.7 360
27	42.0 62.0 341	47.9 53.3 340	53.8 44.7 337	59.7 36.2 334	65.8 27.9 329	71.9 20.1 321	78.1 13.2 305	82.1 10.9 271	86.1 13.2 236	45.3 66.9 348	51.1 57.8 347	56.9 48.8 345	62.7 39.9 344	68.5 31.0 341	74.4 22.3 337	80.4 14.0 329	86.6 6.6 305	90.5 6.6 236	49.2 73.4 354	54.9 64.2 354

	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LCH*a		
01	37.5 22.4 96	40.5 27.5 115	44.3 34.8 124	48.2 42.7 129	52.2 50.9 133	56.2 59.2 135	60.2 67.7 137	95.0 0.0 0	89.3 10.0 38	83.5 20.0 38	77.8 30.0 38	72.0 40.0 38	66.3 50.0 38	60.5 60.0 38	54.8 70.0 38	49.0 80.0 38	20.0 0.0 0	20.0 0.0 0	20.0 0.0 0	20.0 0.0 0
02	38.1 11.2 96	41.5 17.4 124	45.5 25.4 133	49.5 33.8 137	53.5 42.3 140	57.5 50.9 142	61.5 59.5 143	90.5 6.6 236	85.6 0.0 0	79.9 10.0 38	74.1 20.0 38	68.4 30.0 38	62.6 40.0 38	56.9 50.0 38	51.1 60.0 38	45.4 70.0 38	29.4 0.0 0	29.4 0.0 0	29.4 0.0 0	29.4 0.0 0
03	38.8 0.0 0	42.7 8.7 151	46.7 17.4 151	50.7 26.1 151	54.7 34.8 151	58.7 43.5 151	62.7 52.2 151	86.1 13.2 236	81.2 6.6 236	76.3 0.0 0	70.5 10.0 38	64.8 20.0 38	59.0 30.0 38	53.3 40.0 38	47.5 50.0 38	41.8 60.0 38	38.8 0.0 0	38.8 0.0 0	38.8 0.0 0	38.8 0.0 0
04	39.7 6.6 305	43.7 6.6 236	47.8 11.0 194	51.9 17.8 179	56.0 25.2 172	60.0 33.0 168	64.1 41.0 165	81.6 19.7 236	76.7 13.2 236	71.8 6.6 236	66.9 0.0 0	61.1 10.0 38	55.4 20.0 38	49.6 30.0 38	43.9 40.0 38	38.1 50.0 38	48.1 0.0 0	48.1 0.0 0	48.1 0.0 0	48.1 0.0 0
05	40.6 13.2 305	44.6 10.9 271	48.6 13.2 236	52.7 16.5 208	56.8 22.1 194	60.9 28.6 185	65.1 35.5 179	77.2 26.3 236	72.3 19.7 236	67.3 13.2 236	62.4 6.6 236	57.5 0.0 0	51.8 10.0 38	46.0 20.0 38	40.3 30.0 38	34.5 40.0 38	57.5 0.0 0	57.5 0.0 0	57.5 0.0 0	57.5 0.0 0
06	41.6 19.7 305	45.8 16.6 282	49.3 16.6 259	53.5 19.7 236	57.5 22.4 215	61.7 27.3 202	65.8 33.1 194	72.7 32.9 236	67.8 26.3 236	62.9 19.7 236	58.0 13.2 236	53.0 6.6 236	48.1 0.0 0	42.4 10.0 38	36.6 20.0 38	30.9 30.0 38	66.9 0.0 0	66.9 0.0 0	66.9 0.0 0	66.9 0.0 0
07	42.5 26.3 305	46.9 22.7 288	50.5 21.7 271	54.1 22.7 253	58.4 26.3 236	62.4 28.5 219	66.6 32.9 208	68.3 39.5 236	63.3 32.9 236	58.4 26.3 236	53.5 19.7 236	48.6 13.2 236	43.7 6.6 236	38.8 0.0 0	33.0 10.0 38	27.3 20.0 38	76.3 0.0 0	76.3 0.0 0	76.3 0.0 0	76.3 0.0 0
08	43.4 32.9 305	47.9 29.0 291	51.6 27.3 277	55.1 27.3 264	58.9 29.0 250	63.3 32.9 236	67.3 34.8 222	63.8 46.1 236	58.9 39.5 236	54.0 32.9 236	49.1 26.3 236	44.1 19.7 236	39.2 13.2 236	34.3 6.6 236	29.4 0.0 0	23.6 10.0 38	85.6 0.0 0	85.6 0.0 0	85.6 0.0 0	85.6 0.0 0
09	44.4 39.5 305	48.9 35.4 293	52.8 33.2 282	56.3 32.6 271	59.8 33.2 259	63.7 35.4 248	68.3 39.5 236	59.4 52.6 236	54.4 46.1 236	49.5 39.5 236	44.6 32.9 236	39.7 26.3 236	34.8 19.7 236	29.8 13.2 236	24.9 6.6 236	20.0 0.0 0	95.0 0.0 0	95.0 0.0 0	95.0 0.0 0	95.0 0.0 0
10	47.9 45.8 61	52.6 46.7 73	57.7 49.9 85	63.8 55.9 96	66.2 59.7 105	69.5 65.5 112	73.1 72.2 117	95.0 0.0 0	94.4 11.2 96	93.8 22.4 96	93.2 33.6 96	92.6 44.7 96	91.9 55.9 96	91.3 67.1 96	90.7 78.3 96	90.1 89.5 96	20.0 0.0 0	20.0 0.0 0	20.0 0.0 0	20.0 0.0 0
11	48.9 37.1 52	53.6 36.8 67	58.5 39.1 82	64.4 44.7 96	67.0 48.8 107	70.4 55.0 115	74.1 62.1 120	86.6 6.6 305	85.6 0.0 0	85.0 11.2 96	84.4 22.4 96	83.8 33.6 96	83.2 44.7 96	82.6 55.9 96	82.0 67.1 96	81.4 78.3 96	25.0 0.0 0	25.0 0.0 0	25.0 0.0 0	25.0 0.0 0
12	49.6 30.0 38	54.6 27.6 57	59.3 28.5 77	65.0 33.6 96	67.8 38.0 110	71.4 44.7 118	75.2 52.2 124	78.1 13.2 305	77.2 6.6 305	76.3 0.0 0	75.6 11.2 96	75.0 22.4 96	74.4 33.6 96	73.8 44.7 96	73.2 55.9 96	72.6 67.1 96	30.0 0.0 0	30.0 0.0 0	30.0 0.0 0	30.0 0.0 0
13	49.7 27.2 23	55.4 20.0 38	60.2 18.4 67	65.7 22.4 96	68.6 27.5 115	72.4 34.8 124	76.4 42.7 129	69.7 19.7 305	68.7 13.2 305	67.8 6.6 305	66.9 0.0 0	66.3 11.2 96	65.7 22.4 96	65.0 33.6 96	64.4 44.7 96	63.8 55.9 96	35.0 0.0 0	35.0 0.0 0	35.0 0.0 0	35.0 0.0 0
14	49.7 26.5 8	55.4 17.8 16	61.1 10.0 38	66.3 11.2 96	69.7 17.4 124	73.6 25.4 133	77.6 33.8 137	61.2 26.3 305	60.3 19.7 305	59.4 13.2 305	58.4 6.6 305	57.5 0.0 0	56.9 11.2 96	56.3 22.4 96	55.7 33.6 96	55.1 44.7 96	40.0 0.0 0	40.0 0.0 0	40.0 0.0 0	40.0 0.0 0
15	49.7 27.5 354	55.4 18.4 354	61.1 9.2 354	66.9 0.0 0	70.9 8.7 151	74.8 17.4 151	78.8 26.1 151	52.8 32.9 305	51.9 26.3 305	50.9 19.7 305	50.0 13.2 305	49.1 6.6 305	48.1 0.0 0	47.5 11.2 96	46.9 22.4 96	46.3 33.6 96	45.0 0.0 0	45.0 0.0 0	45.0 0.0 0	45.0 0.0 0
16	49.8 31.0 341	55.6 22.3 337	61.6 14.0 329	67.8 6.6 305	71.8 6.6 236	75.9 11.0 194	80.0 17.8 179	44.4 39.5 305	43.4 32.9 305	42.5 26.3 305	41.6 19.7 305	40.6 13.2 305	39.7 6.6 305	38.8 0.0 0	38.1 11.2 96	37.5 22.4 96	50.0 0.0 0	50.0 0.0 0	50.0 0.0 0	50.0 0.0 0
17	50.4 36.2 334	56.4 27.9 329	62.5 20.1 321	68.7 13.2 305	72.7 10.9 271	76.7 13.2 236	80.8 16.5 208	35.9 46.1 305	35.0 39.5 305	34.0 32.9 305	33.1 26.3 305	32.2 19.7 305	31.2 13.2 305	30.3 6.6 305	29.4 0.0 0	28.8 11.2 96	55.0 0.0 0	55.0 0.0 0	55.0 0.0 0	55.0 0.0 0
18	51.2 41.9 329	57.3 34.0 324	63.4 26.5 317	69.7 19.7 305	73.9 16.6 282	77.4 16.6 259	81.6 19.7 236	27.5 52.6 305	26.5 46.1 305	25.6 39.5 305	24.7 32.9 305	23.7 26.3 305	22.8 19.7 305	21.9 13.2 305	20.9 6.6 305	20.0 0.0 0	60.0 0.0 0	60.0 0.0 0	60.0 0.0 0	60.0 0.0 0
19	59.1 74.2 52	63.8 73.3 60	68.4 73.6 67	73.2 75.2 74	78.2 78.1 82	83.8 82.7 89	90.1 89.5 96	95.0 0.0 0	89.6 8.7 151	84.2 17.4 151	78.8 26.1 151	73.4 34.8 151	68.0 43.5 151	62.7 52.2 151	57.3 60.9 151	51.9 69.6 151	65.0 0.0 0	65.0 0.0 0	65.0 0.0 0	65.0 0.0 0
20	60.0 66.5 46	64.8 64.6 54	69.4 64.1 63	74.1 65.1 71	79.0 67.5 80	84.4 71.7 88	90.7 78.3 96	89.3 9.2 354	85.6 0.0 0	80.2 8.7 151	74.8 17.4 151	69.5 26.1 151	64.1 34.8 151	58.7 43.5 151	53.3 52.2 151	47.9 60.9 151	70.0 0.0 0	70.0 0.0 0	70.0 0.0 0	70.0 0.0 0
21	60.5 60.0 38	65.7 56.6 47	70.4 55.1 57	75.1 55.2 67	79.9 57.0 77	85.1 60.8 87	91.3 67.1 96	83.5 18.4 354	79.9 9.2 354	76.3 0.0 0	70.9 8.7 151	65.5 17.4 151	60.1 26.1 151	54.7 34.8 151	49.3 43.5 151	43.9 52.2 151	75.0 0.0 0	75.0 0.0 0	75.0 0.0 0	75.0 0.0 0
22	60.5 56.6 30	66.3 50.0 38	71.4 46.8 49	76.1 45.8 61	80.7 46.7 73	85.8 49.9 85	91.9 55.9 96	77.8 27.5 354	74.2 18.4 354	70.5 9.2 354	66.9 0.0 0	61.5 8.7 151	56.1 17.4 151	50.7 26.1 151	45.3 34.8 151	39.9 43.5 151	80.0 0.0 0	80.0 0.0 0	80.0 0.0 0	80.0 0.0 0
23	60.6 54.4 23	66.3 46.8 29	72.0 40.0 38	77.1 37.1 52	81.7 36.8 67	86.6 39.1 82	92.6 44.7 96	72.1 36.7 354	68.4 27.5 354	64.8 18.4 354	61.1 9.2 354	57.5 0.0 0	52.1 8.7 151	46.7 17.4 151	41.3 26.1 151	35.9 34.8 151	85.0 0.0 0	85.0 0.0 0	85.0 0.0 0	85.0 0.0 0
24	60.6 53.3 16	66.3 44.9 20	72.0 36.9 27	77.8 30.0 38	82.7 27.6 57	87.4 28.5 77	93.2 33.6 96	66.4 45.9 354	62.7 36.7 354	59.1 27.5 354	55.4 18.4 354	51.8 9.2 354	48.1 0.0 0	42.7 8.7 151	37.3 17.4 151	32.0 26.1 151	90.0 0.0 0	90.0 0.0 0	90.0 0.0 0	90.0 0.0 0
25	60.6 53.0 8	66.3 44.1 11	72.0 35.5 16	77.8 27.2 23	83.5 20.0 38	88.4 18.4 67	93.8 22.4 96	60.6 55.1 354	57.0 45.9 354	53.3 36.7 354	49.7 27.5 354	46.0 18.4 354	42.4 9.2 354	38.8 0.0 0	33.4 8.7 151	28.0 17.4 151	95.0 0.0 0	95.0 0.0 0	95.0 0.0 0	95.0 0.0 0
26	60.6 53.6 1	66.3 44.5 2	72.1 35.4 5	77.8 26.5 8	83.5 17.8 16	89.3 10.0 38	94.4 11.2 96	54.9 64.2 354	51.3 55.1 354	47.6 45.9 354	44.0 36.7 354	40.3 27.5 354	36.7 18.4 354	33.0 9.2 354	29.4 0.0 0	24.0 8.7 151	20.0 0.0 0	49.0 80.0 38	90.1 89.5 96	51.9 69.6 151
27	60.6 55.1 354	66.4 45.9 354	72.1 36.7 354	77.8 27.5 354	83.5 18.4 354	89.3 9.2 354	95.0 0.0 0	49.2 73.4 354	45.5 64.2 354	41.9 55.1 354	38.2 45.9 354	34.6 36.7 354	30.9 27.5 354	27.3 18.4 354	23.6 9.2 354	20.0 0.0 0	95.0 0.0 0	59.4 52.6 236	27.5 52.6 305	49.2 73.4 354

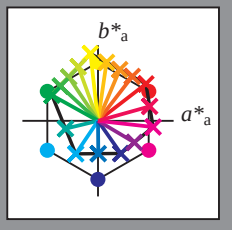
See for similar files: http://www.ps.bam.de/Ee65/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee65/10L/L65E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
***u**d* and number *no.* = 00 .. 15**
device hue text:
u**d* = 16 hues *o00y, o25y, ..., m50o
contrast reduction factor:
c_R = 0.97

ORS18_95aM; adapted (a) CIELAB data

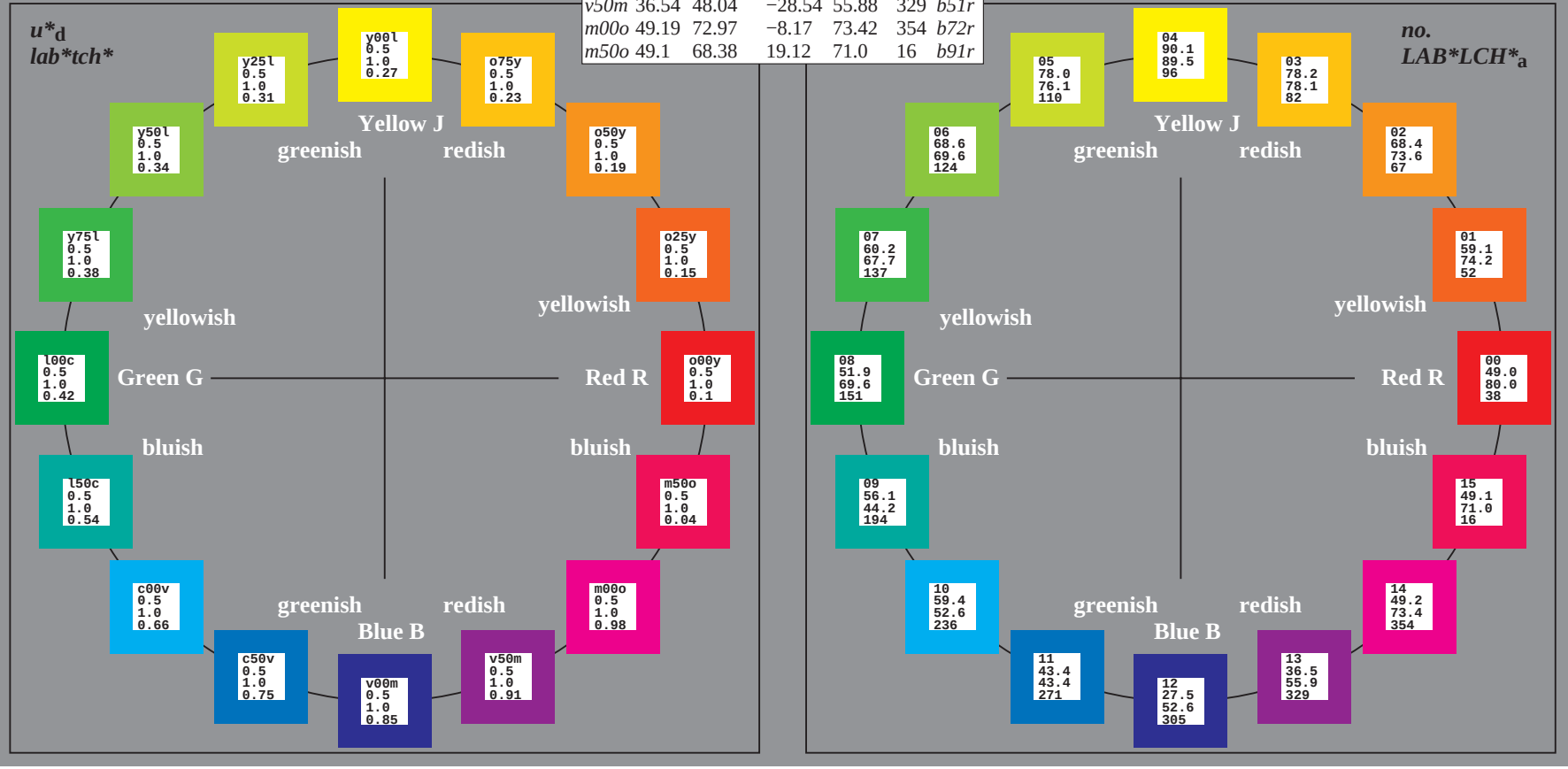
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*	*u*e*
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l	68.61	−38.59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



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

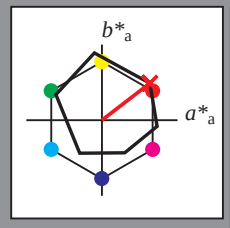
ORS18_95aM; adapted (a) CIELAB data

Name	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.105**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r18j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

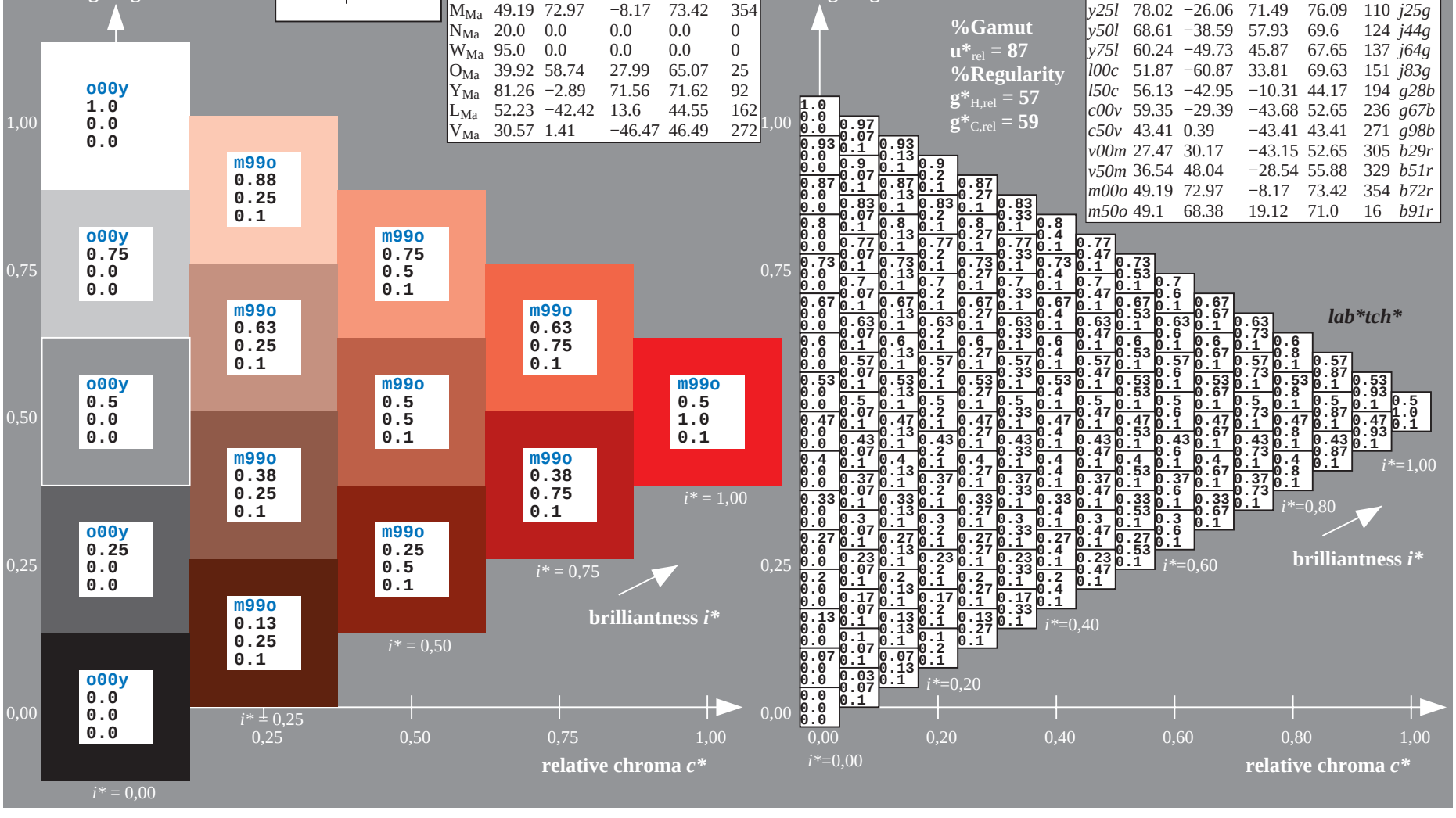
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 63 49
*LAB*LCH**$_{Ma}$: 49 80 37
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.18 0.0
triangle lightness *t**

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

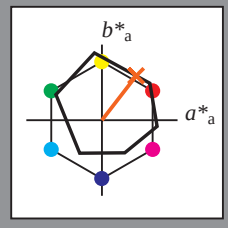
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r40j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

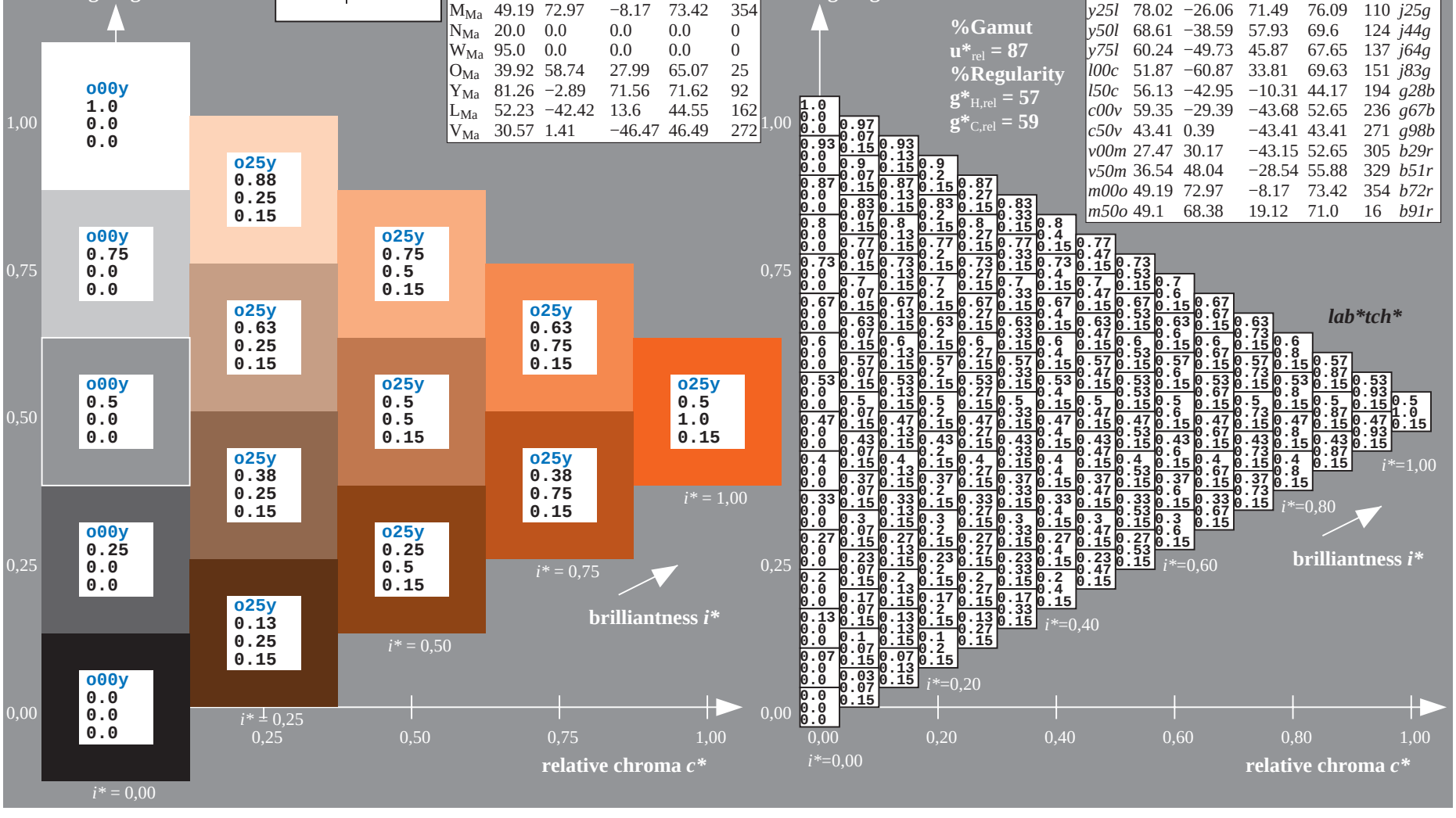
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 45 59
*LAB*LCH**$_{Ma}$: 59 74 52
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.4 0.0
triangle lightness *t**

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

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

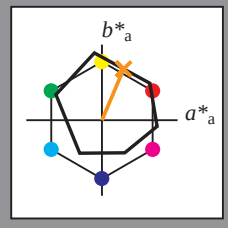
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r62j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

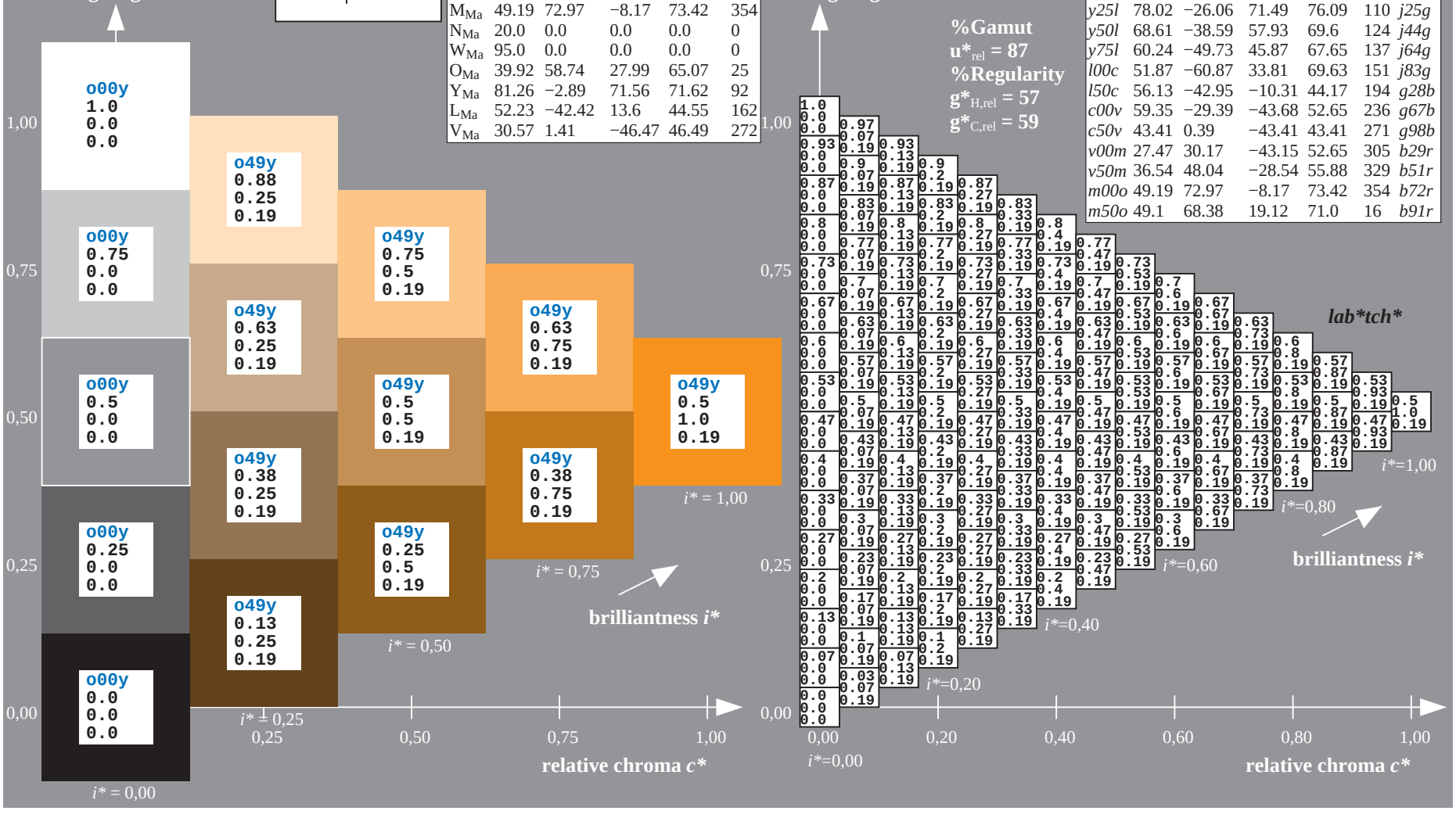
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 68 29 68
*LAB*LCH**$_{Ma}$: 68 74 67
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.62 0.0
triangle lightness *t**

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

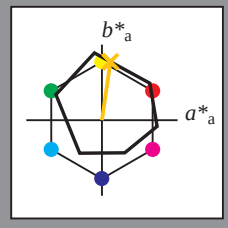
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r83j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

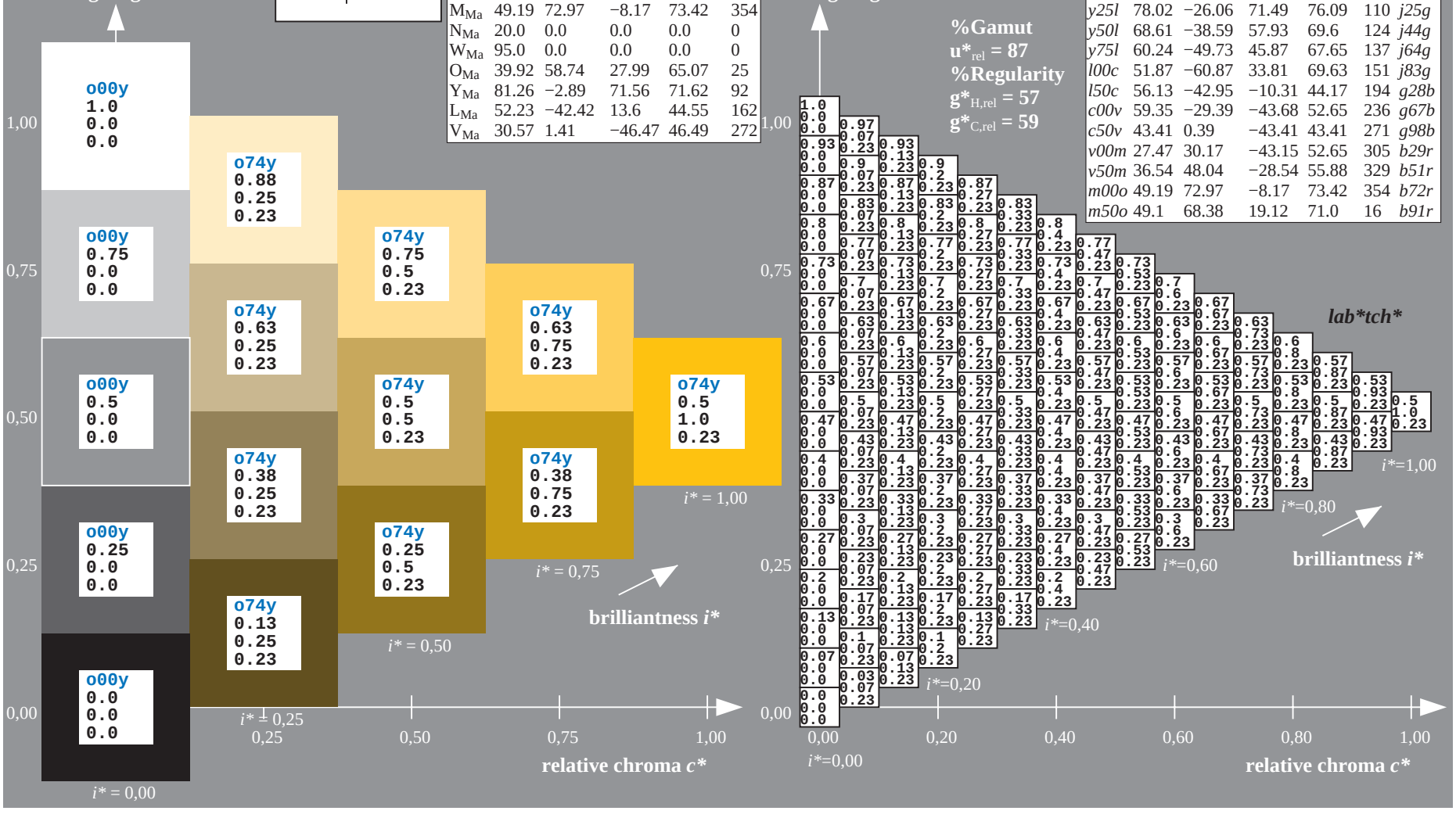
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 11 77
*LAB*LCH**$_{Ma}$: 78 78 81
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.84 0.0
triangle lightness *t**

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

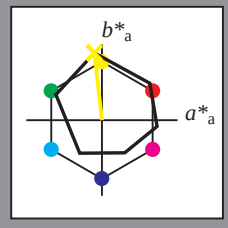
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

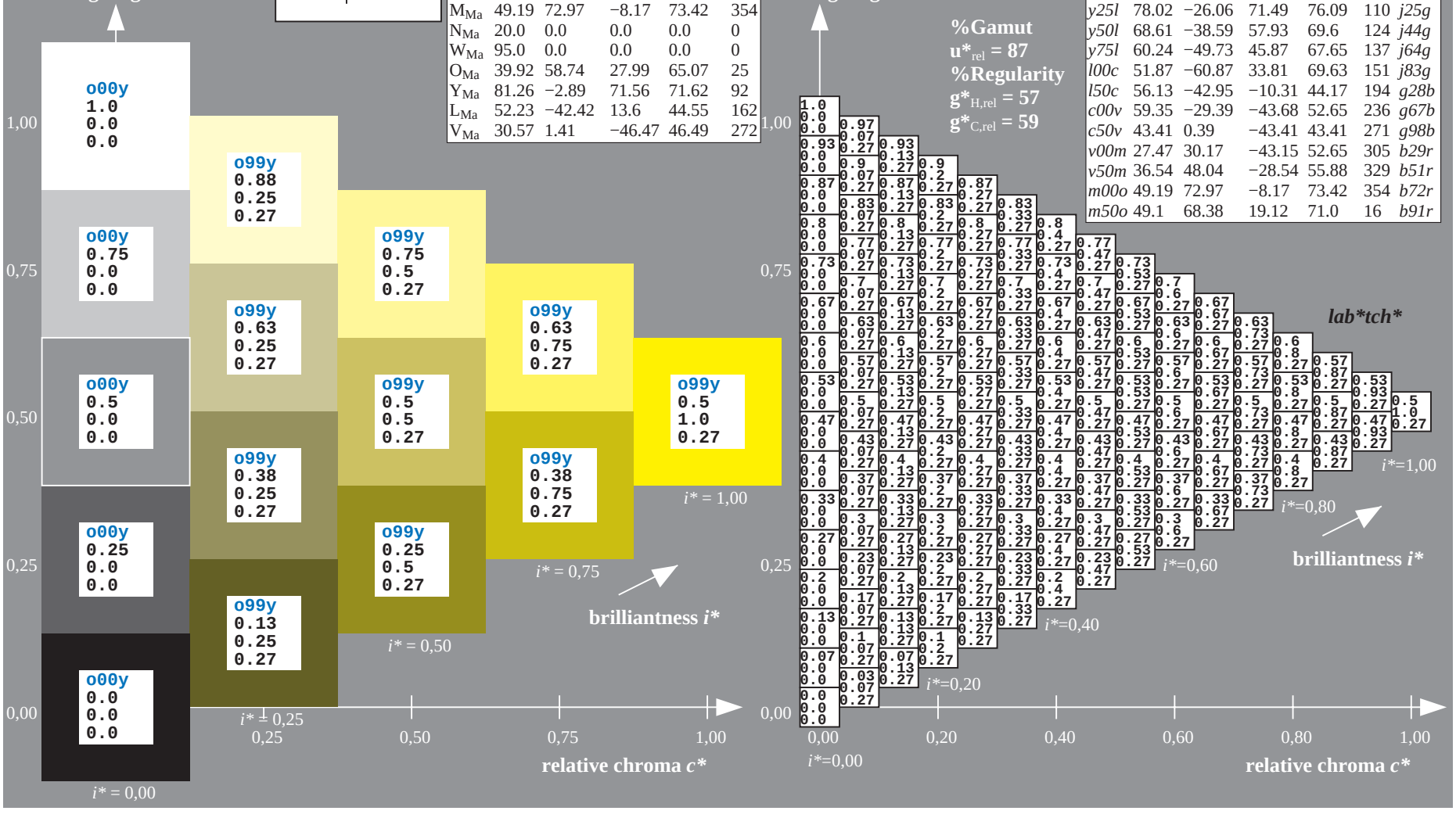
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 90 −10 89
*LAB*LCH**$_{Ma}$: 90 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

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

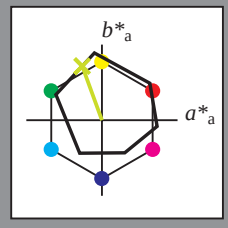
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u*d = y25l u*e = j25g
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

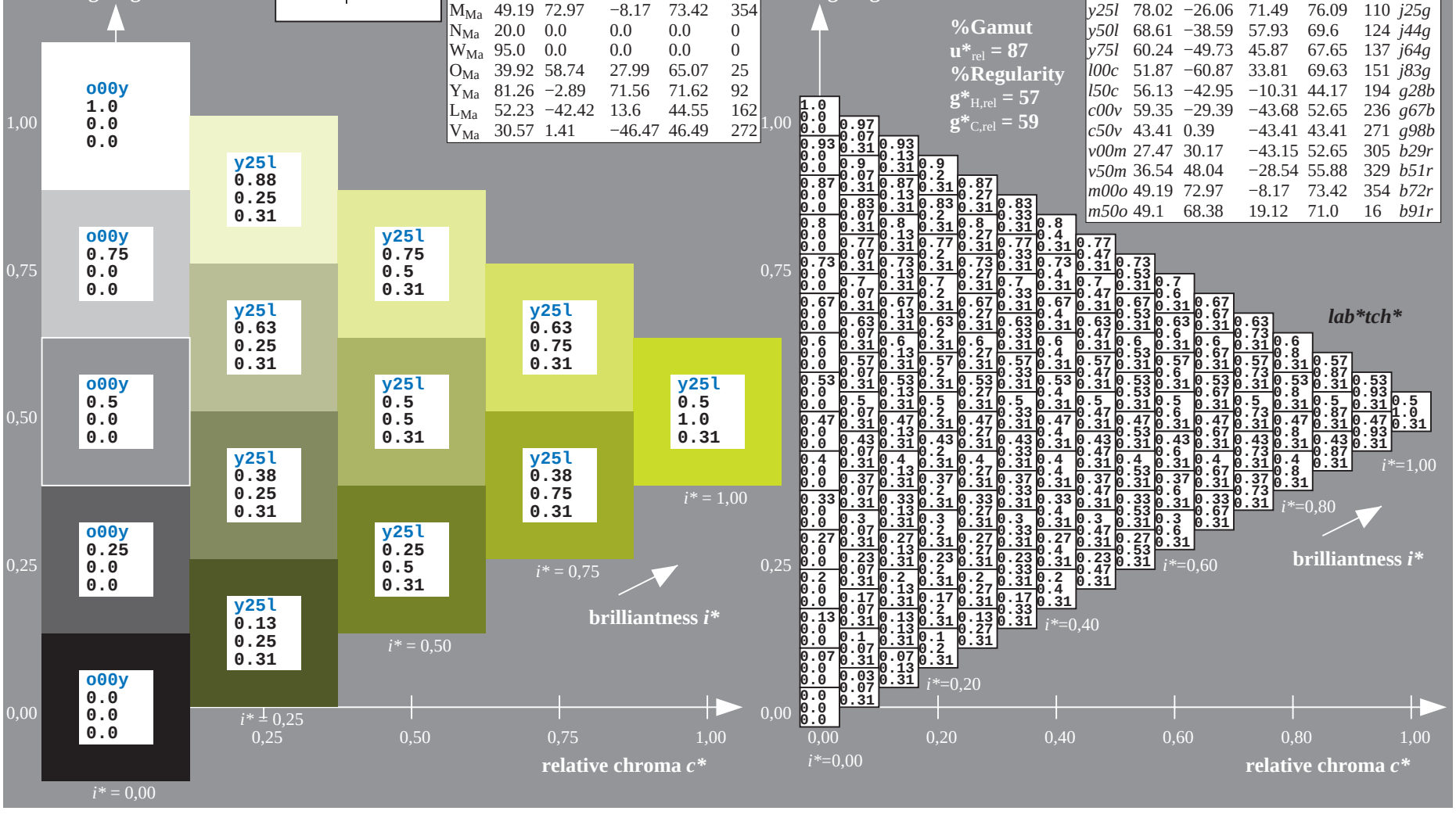
Data for maximum colour (Ma):
***LAB*LAB**Ma*: 78 −26 71**
***LAB*LCH**Ma*: 78 76 110**
***lab*olv**Ma*: 0.75 1.0 0.0**
***lab*rgb**Ma*: 0.75 1.0 0.0**
triangle lightness *t**

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

u*d = y25l
lab*tch*

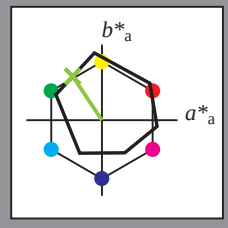
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.344**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j44g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

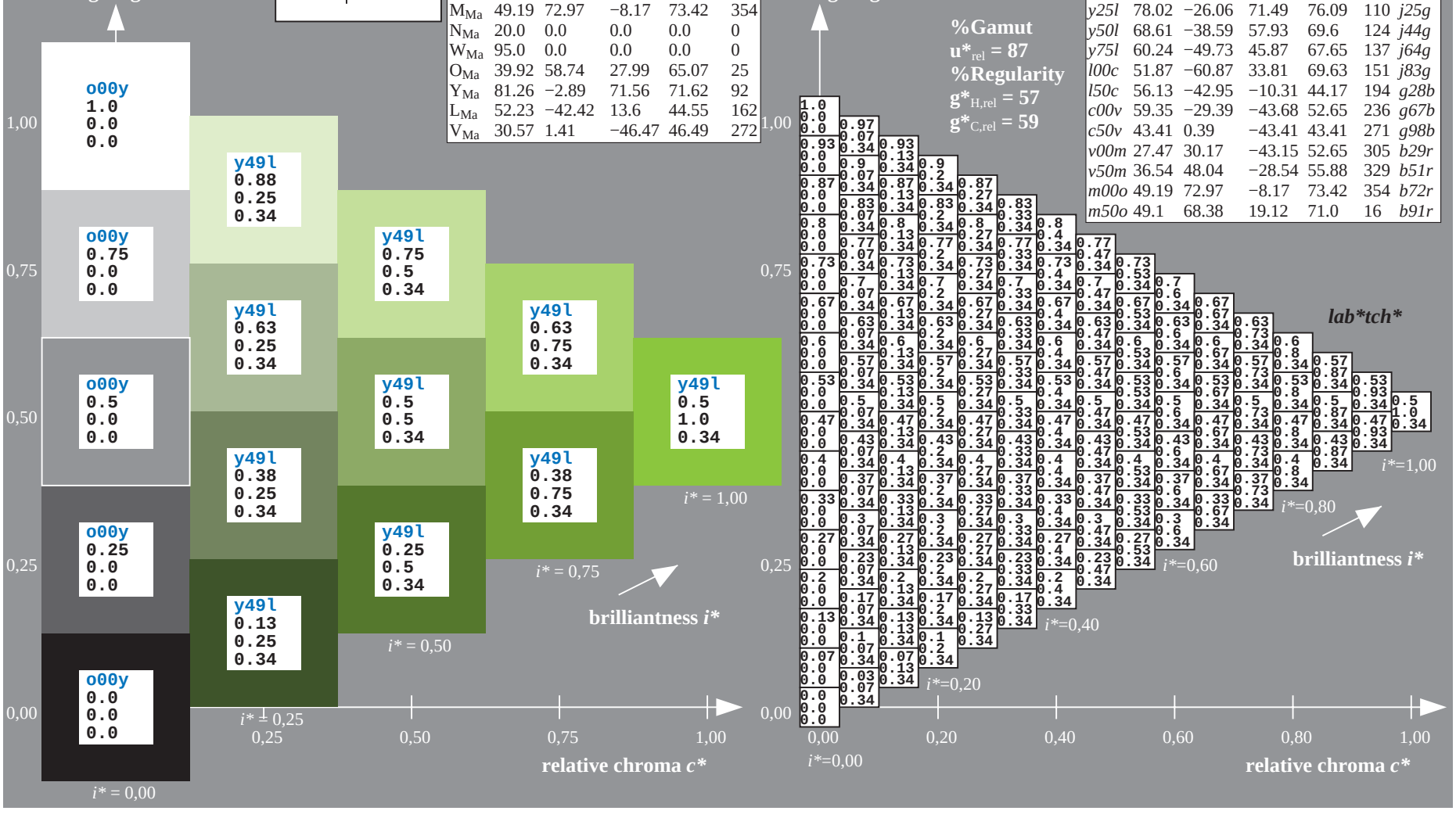
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 69 −39 58
*LAB*LCH**$_{Ma}$: 69 70 123
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.55 1.0 0.0
triangle lightness *t**

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

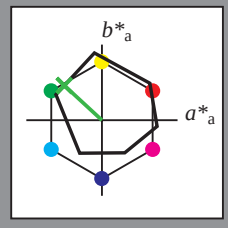
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.381**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j64g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

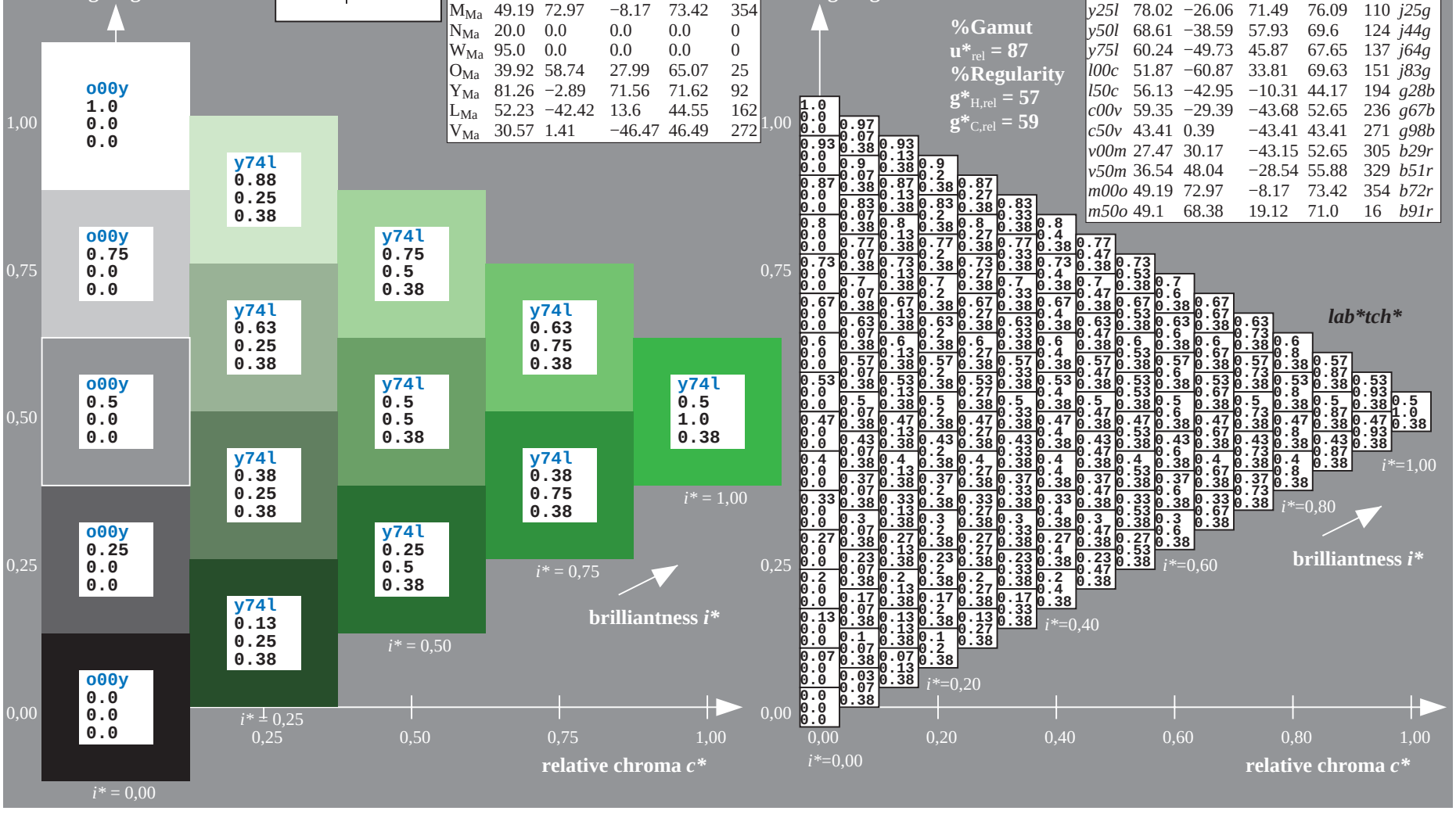
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −50 46
*LAB*LCH**$_{Ma}$: 60 68 137
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.36 1.0 0.0
triangle lightness *t**

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

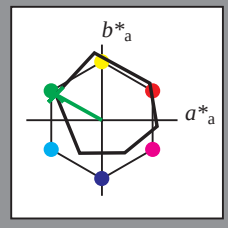
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j83g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

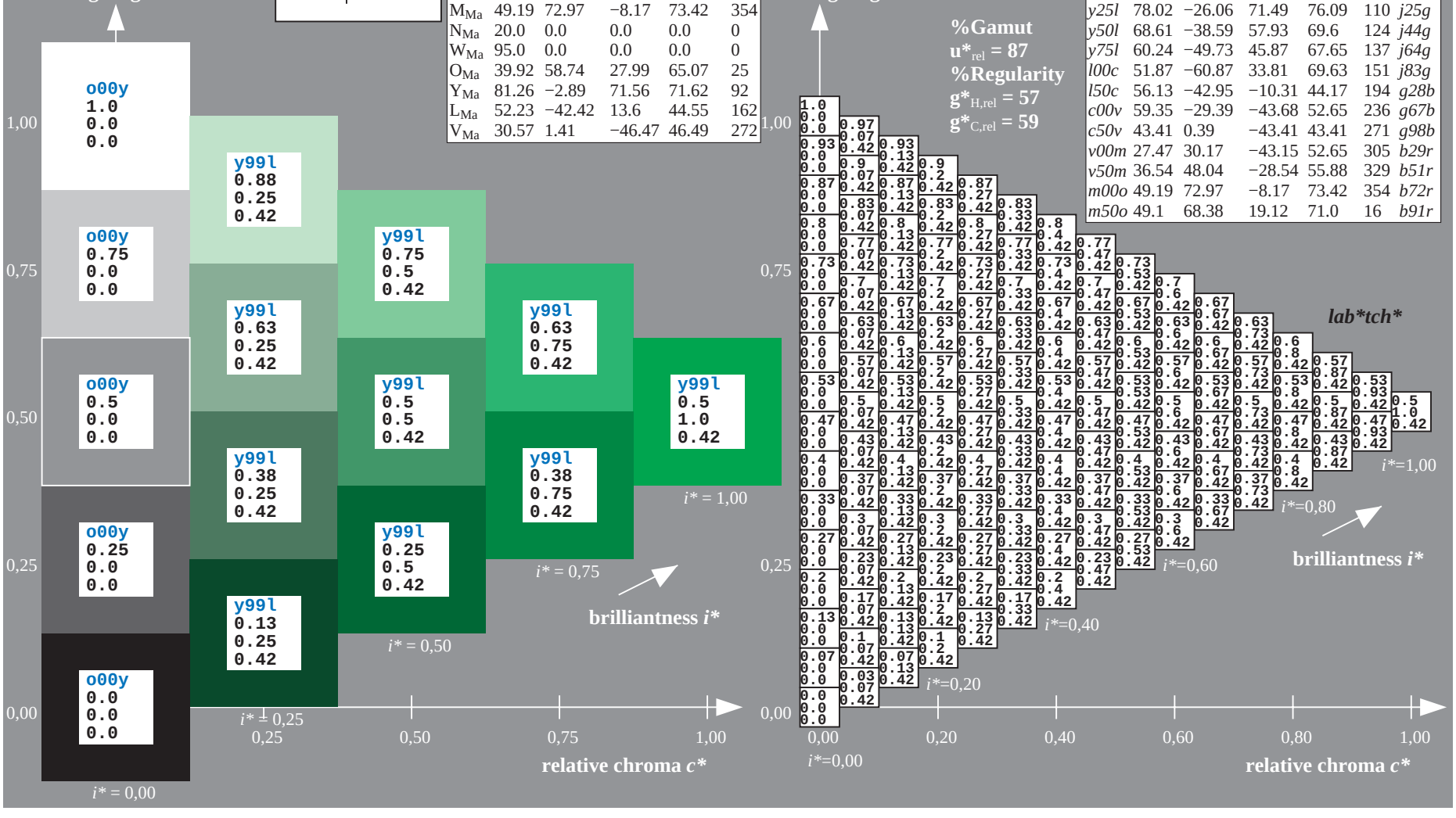
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −61 34
*LAB*LCH**$_{Ma}$: 52 70 150
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.16 1.0 0.0
triangle lightness *t**

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

u^*_d = *l00c*
*lab*tch**

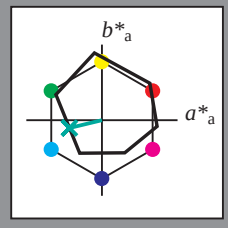
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.538**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

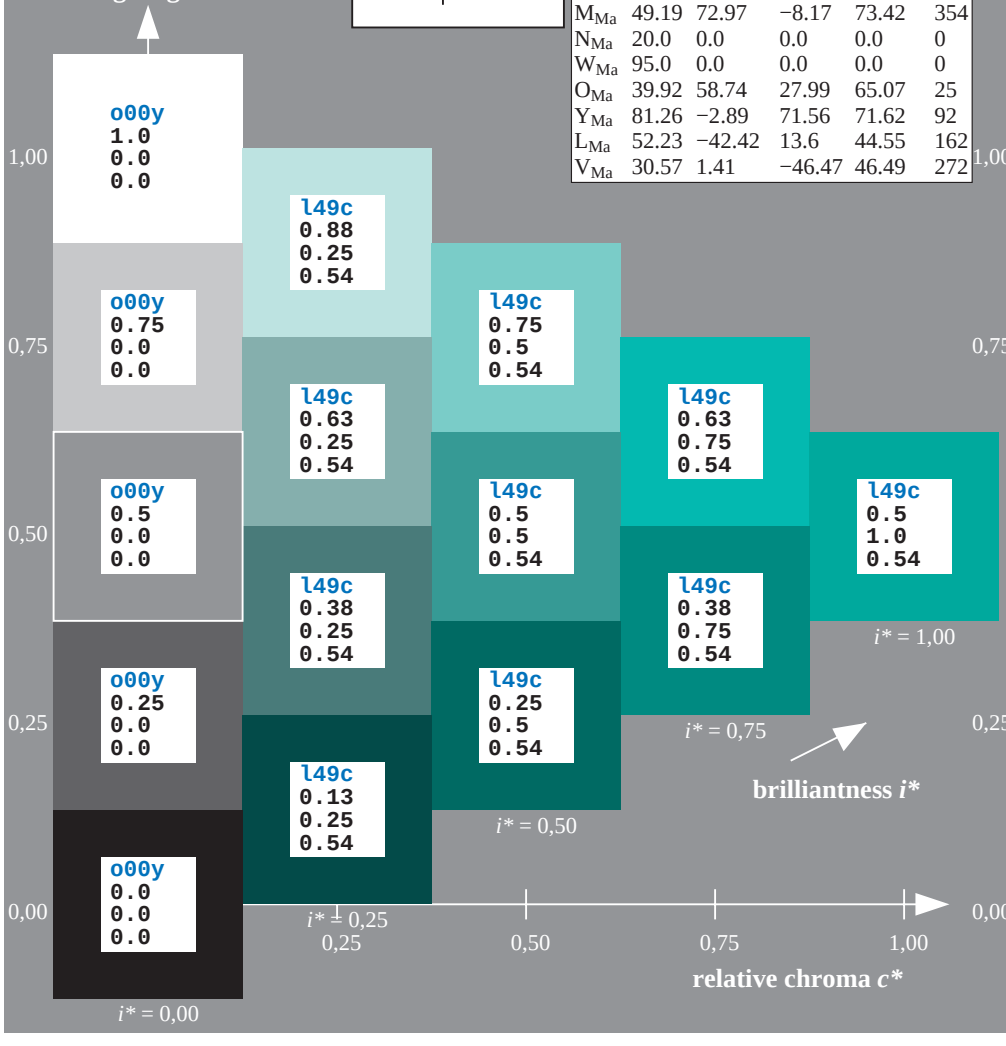
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

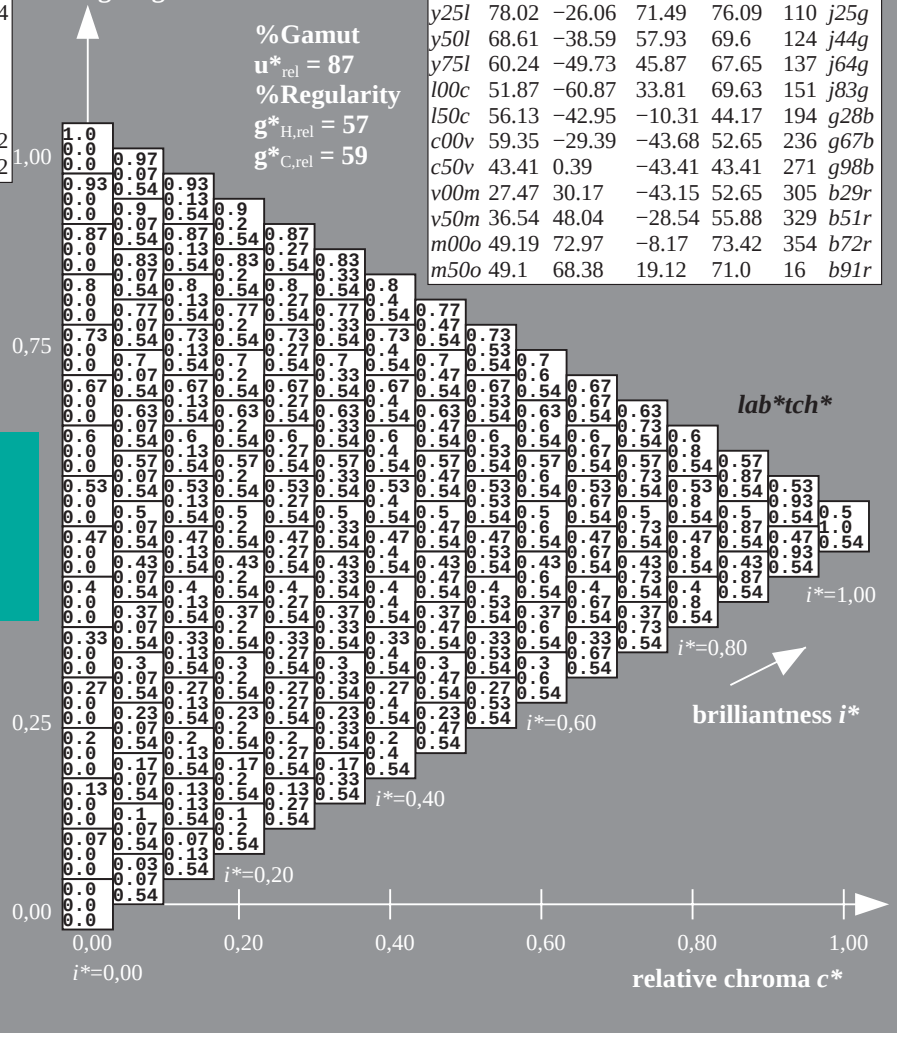
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 −43 −10
*LAB*LCH**$_{Ma}$: 56 44 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

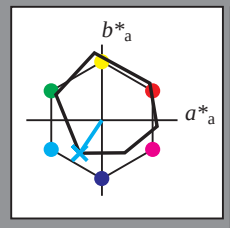
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g67b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

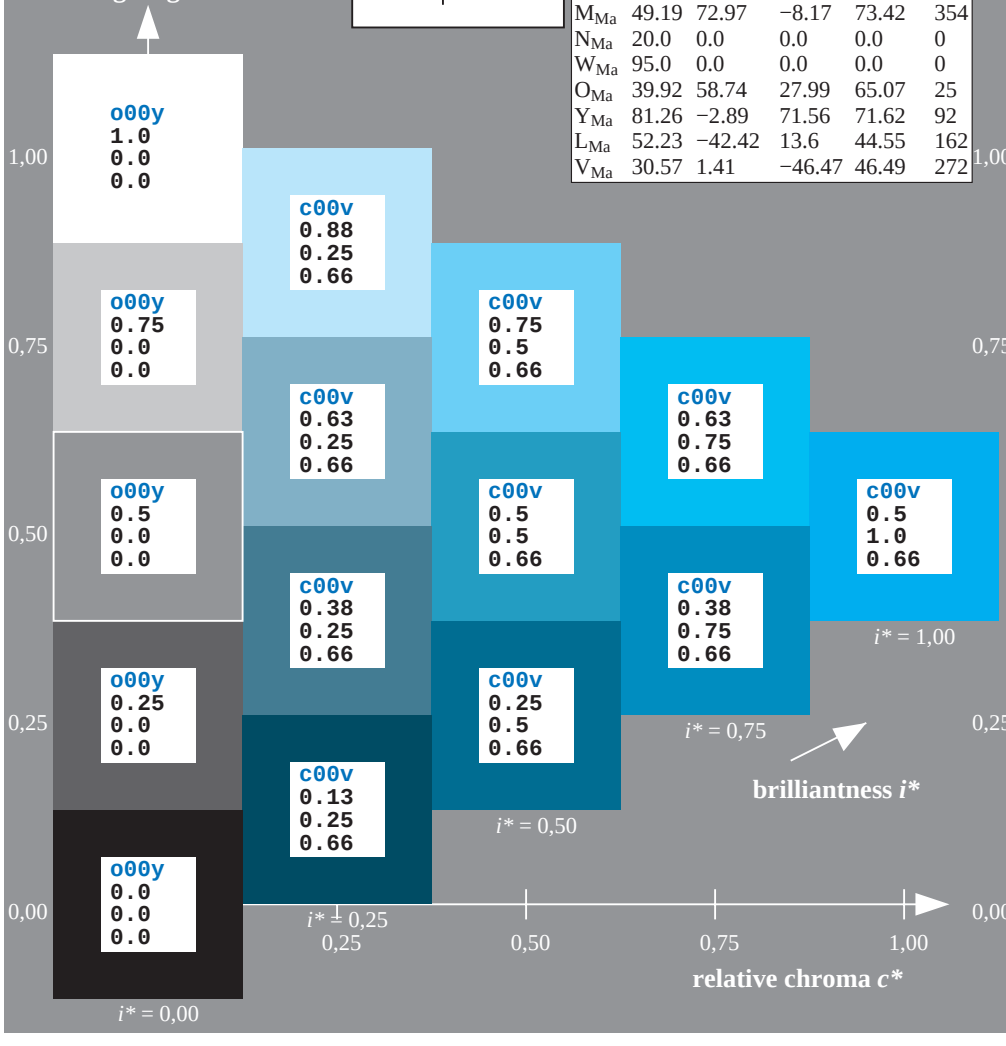
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

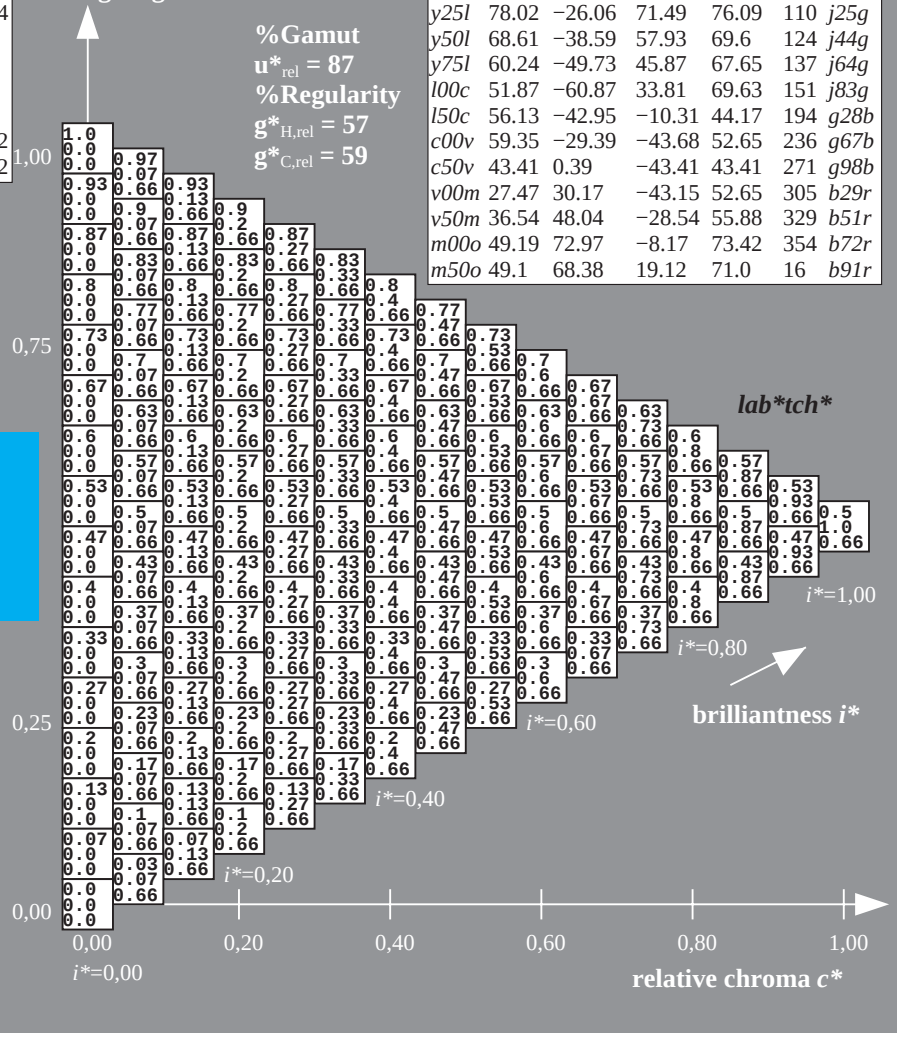
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 −29 −44
*LAB*LCH**$_{Ma}$: 59 53 236
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.65 1.0
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

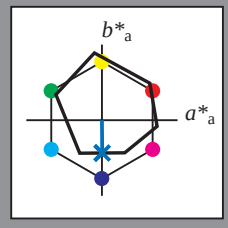
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g98b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

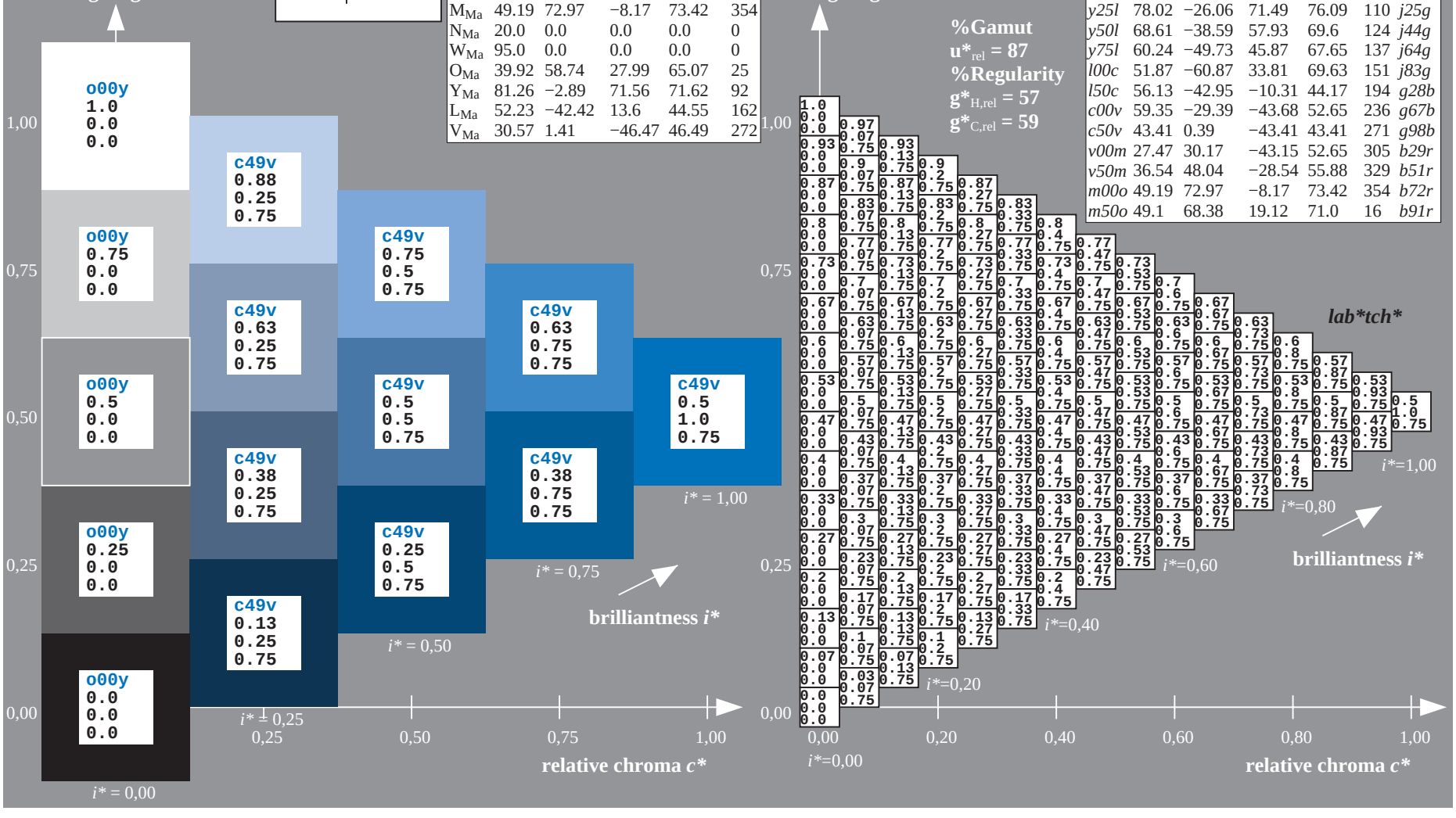
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 0 −43
*LAB*LCH**$_{Ma}$: 43 43 270
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.02 1.0
triangle lightness *t**

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

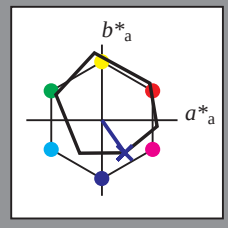
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b29r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

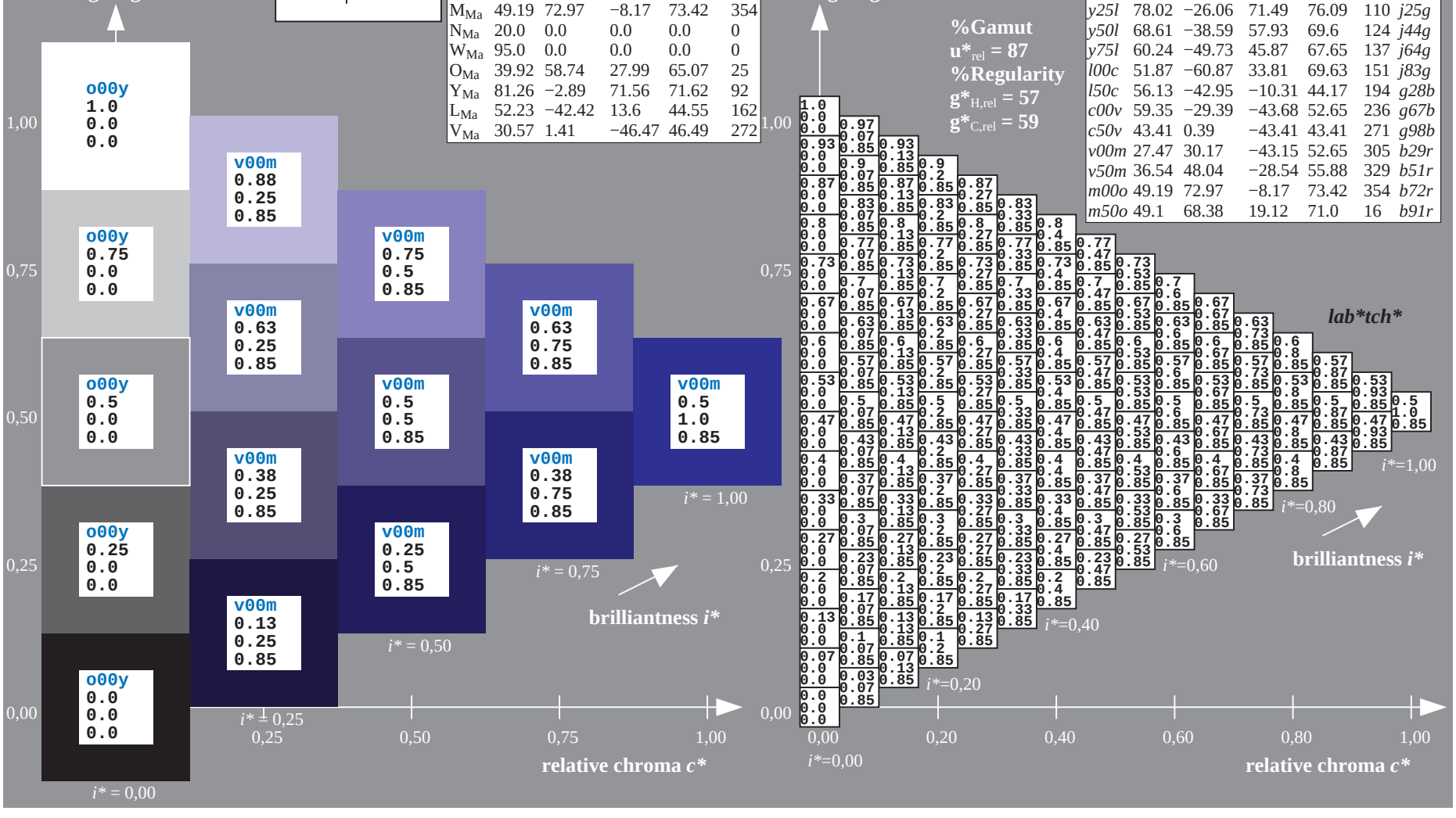
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 27 30 −43
*LAB*LCH**$_{Ma}$: 27 53 304
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.58 0.0 1.0
triangle lightness *t**

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

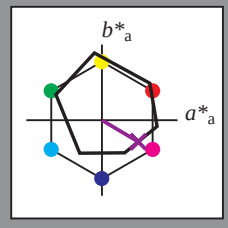
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b51r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

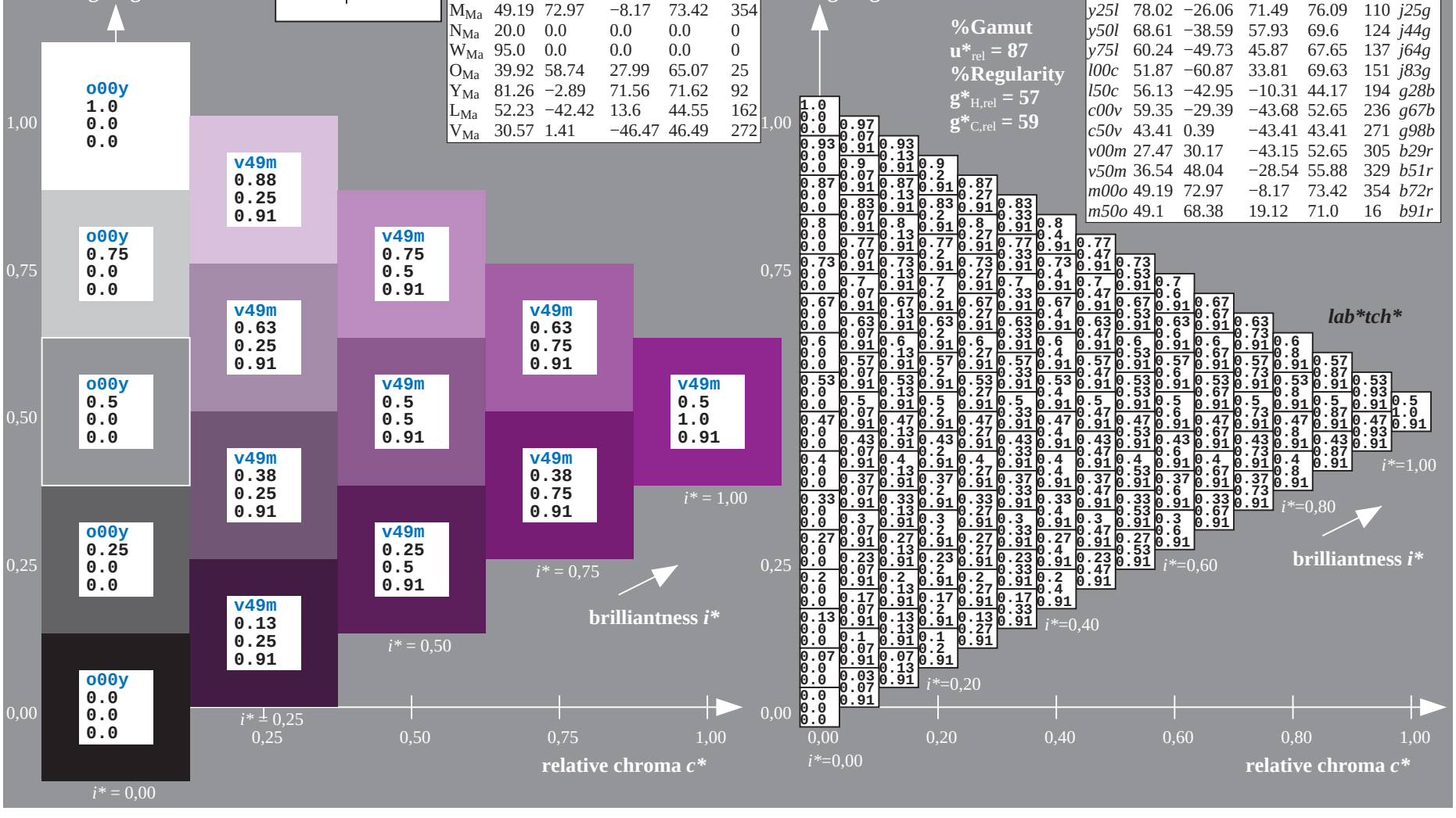
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 37 48 −29
*LAB*LCH**$_{Ma}$: 37 56 329
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.99
triangle lightness *t**

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

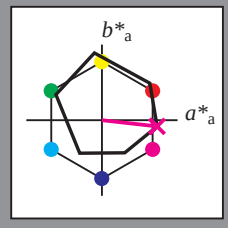
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b72r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

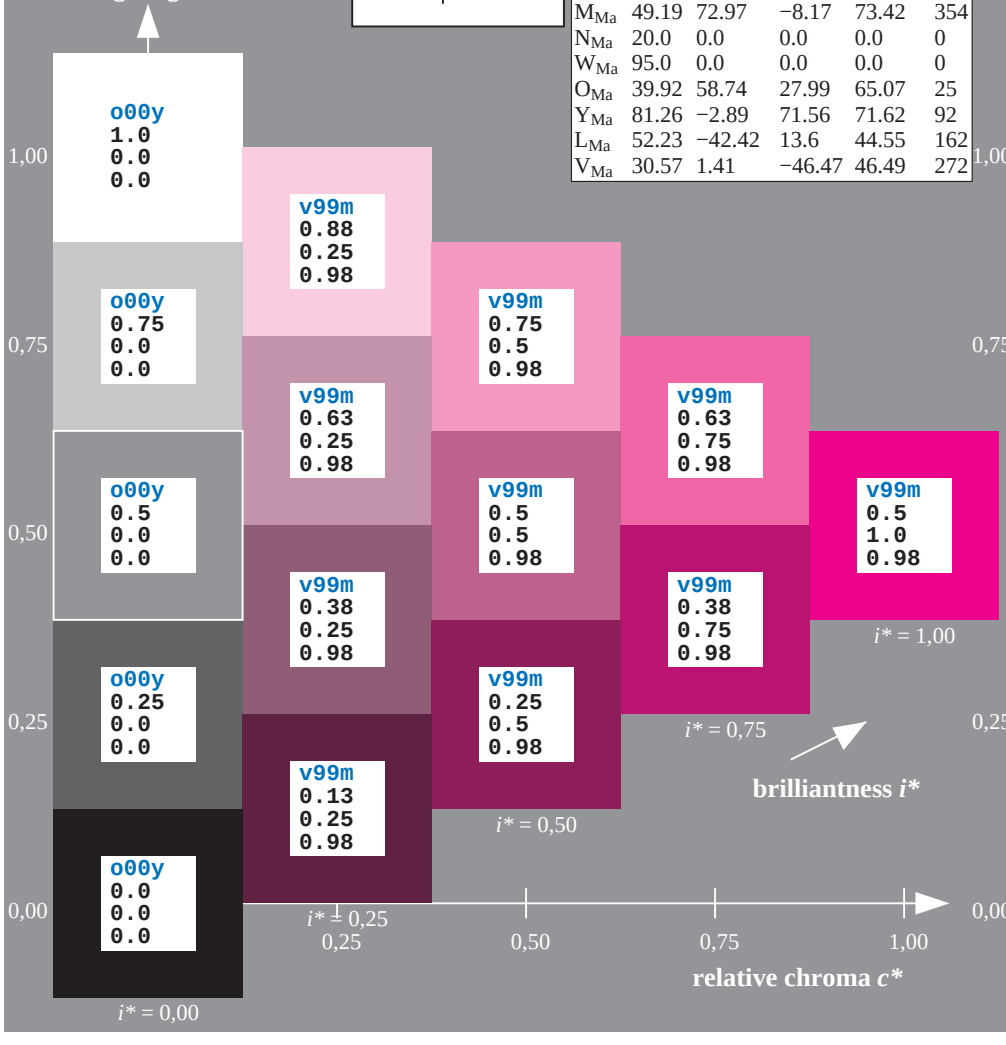
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

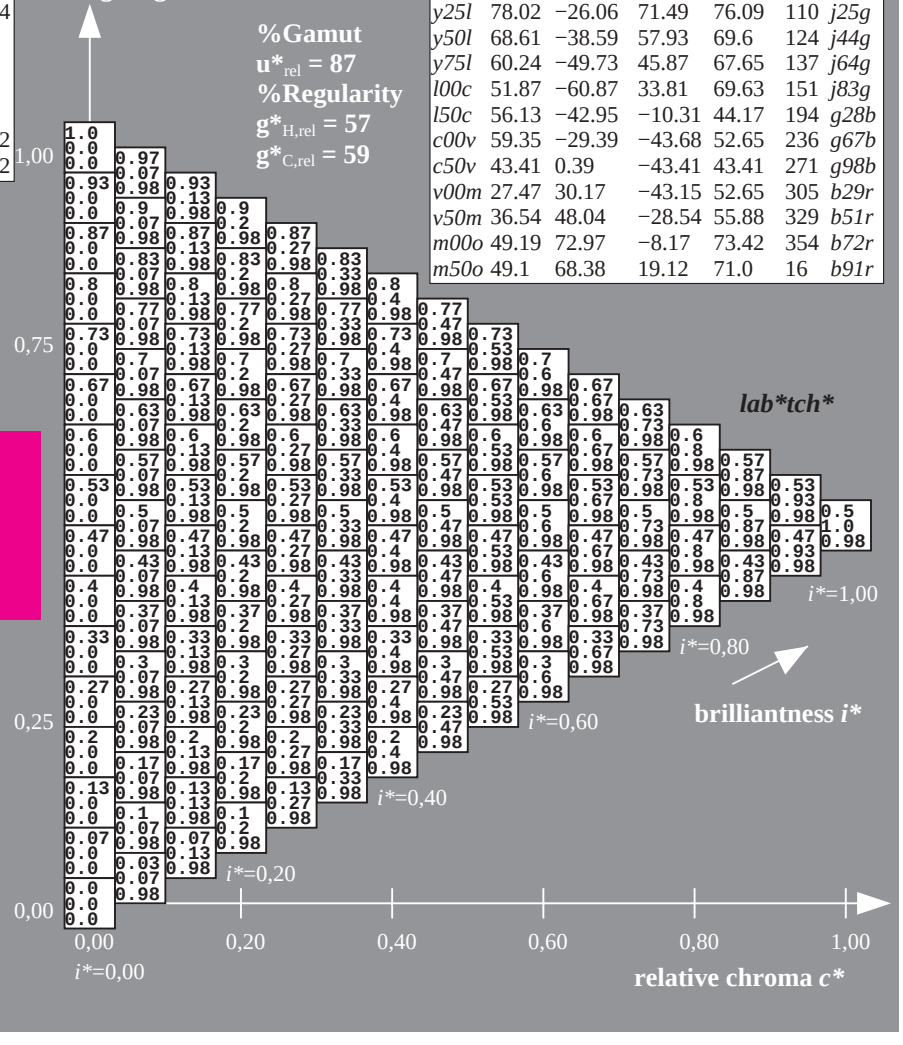
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 73 −8
*LAB*LCH**$_{Ma}$: 49 73 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.56
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

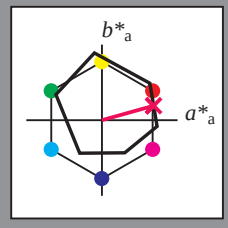
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b91r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

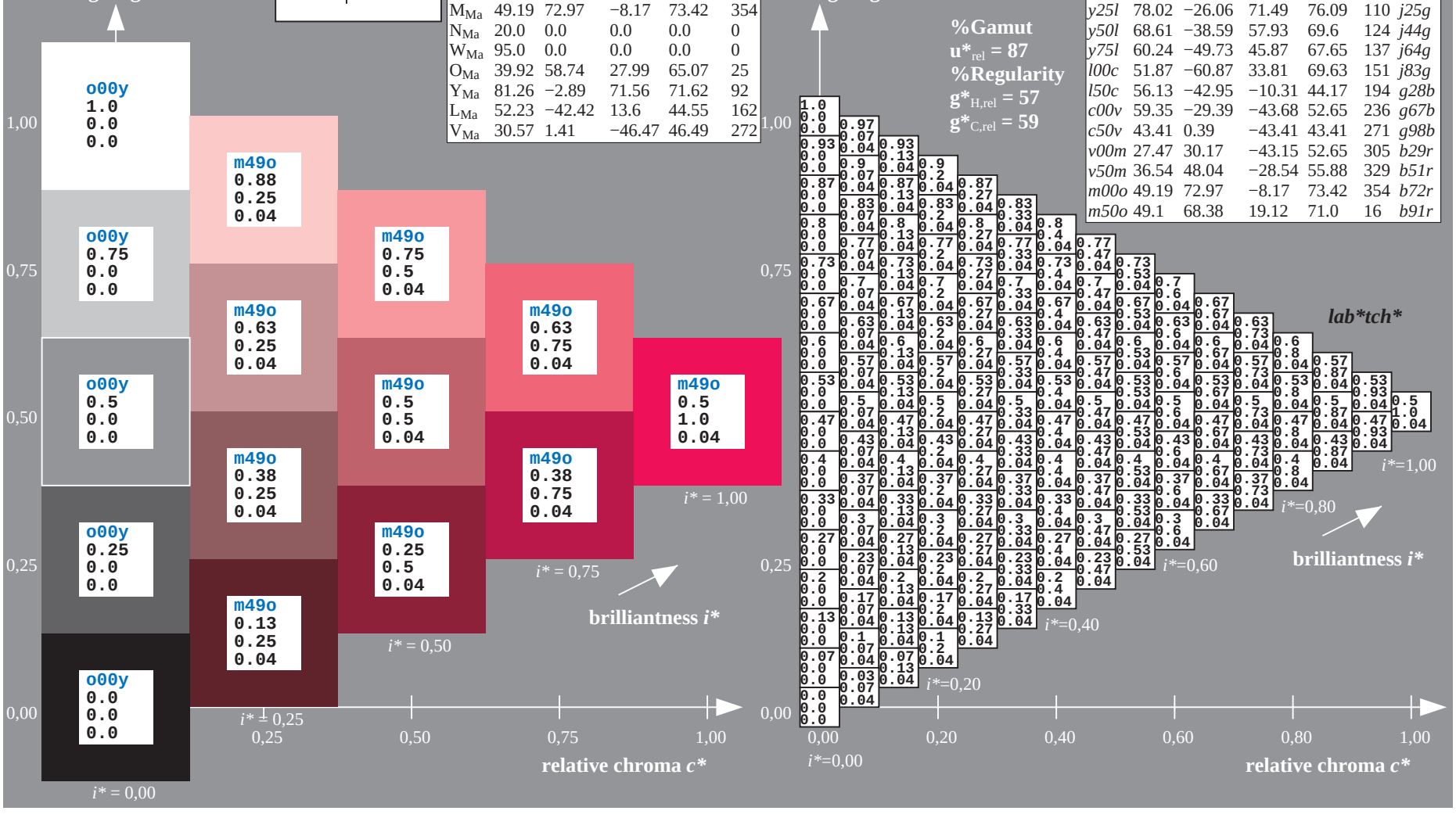
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 68 19
*LAB*LCH**$_{Ma}$: 49 71 15
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.17
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

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



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*tch*		
01	0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.0	0.0	0.0	0.0
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
	0.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.1	0.27	0.34	0.37	0.38	0.39	0.39	0.4	0.4	0.1	0.19	0.27	0.32	0.34	0.36	0.37	0.38	0.38	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
02	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.13	0.13	0.13	0.13
	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0
	0.85	0.66	0.54	0.5	0.48	0.47	0.46	0.45	0.45	0.98	0.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.04	0.1	0.27	0.34	0.37	0.38	0.39	0.39	0.4	0.66	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
03	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.25	0.25	0.25	0.25
	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.0	0.0	0.0	0.0
	0.85	0.75	0.66	0.58	0.54	0.51	0.5	0.49	0.48	0.91	0.85	0.66	0.54	0.5	0.48	0.47	0.46	0.45	0.98	0.98	0.0	0.42	0.42	0.42	0.42	0.42	0.42	0.66	0.66	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
04	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.63	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.38	0.38	0.38	0.38
	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.0	0.0	0.0	0.0
	0.85	0.78	0.72	0.66	0.6	0.56	0.54	0.52	0.51	0.89	0.85	0.75	0.66	0.58	0.54	0.51	0.5	0.49	0.94	0.91	0.85	0.66	0.54	0.5	0.48	0.47	0.46	0.66	0.66	0.66	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
05	0.25	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.25	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.63	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.5	0.5	0.5	0.5
	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0	0.0
	0.85	0.8	0.75	0.7	0.66	0.61	0.58	0.55	0.54	0.88	0.85	0.78	0.72	0.66	0.6	0.56	0.54	0.52	0.91	0.89	0.85	0.75	0.66	0.58	0.54	0.51	0.5	0.66	0.66	0.66	0.66	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
06	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.31	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.31	0.38	0.44	0.44	0.44	0.44	0.5	0.56	0.63	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.63	0.63	0.63	0.63
	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.0	0.0	0.0	0.0
	0.85	0.81	0.77	0.73	0.69	0.66	0.62	0.59	0.57	0.87	0.85	0.8	0.75	0.7	0.66	0.61	0.58	0.55	0.9	0.88	0.85	0.78	0.72	0.66	0.6	0.56	0.54	0.66	0.66	0.66	0.66	0.66	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
07	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.38	0.44	0.5	0.5	0.5	0.5	0.5	0.56	0.63	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.75	0.75	0.75	0.75
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	0.0
	0.85	0.82	0.78	0.75	0.72	0.69	0.66	0.62	0.6	0.87	0.85	0.81	0.77	0.73	0.69	0.66	0.62	0.59	0.89	0.87	0.85	0.8	0.75	0.7	0.66	0.61	0.58	0.66	0.66	0.66	0.66	0.66	0.66	0.0	0.1	0.1	0.0	0.0	0.0	0.0
08	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.44	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.88	0.88	0.88	0.88
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.88	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.0	0.0	0.0	0.0
	0.85	0.82	0.79	0.77	0.74	0.71	0.68	0.66	0.63	0.87	0.85	0.82	0.78	0.75	0.72	0.69	0.66	0.62	0.89	0.87	0.85	0.81	0.77	0.73	0.69	0.66	0.62	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.0	0.1	0.0	0.0	0.0	0.0
09	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0
	0.85	0.82	0.8	0.78	0.75	0.73	0.7	0.68	0.66	0.86	0.85	0.82	0.79	0.77	0.74	0.71	0.68	0.66	0.88	0.87	0.85	0.82	0.78	0.75	0.72	0.69	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.0	0.0	0.0	0.0	0.0
10	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.25	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.0	0.0	0.0	0.0
	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
	0.1	0.16	0.21	0.27	0.31	0.33	0.34	0.35	0.36	0.1	0.15	0.19	0.23	0.27	0.3	0.32	0.33	0.34	0.1	0.14	0.17	0.2	0.24	0.27	0.29	0.31	0.32	0.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.0	0.0	0.0	0.0
11	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.31	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.07	0.07	0.07	0.07
	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0
	0.06	0.1	0.19	0.27	0.32	0.34	0.36	0.37	0.38	0.07	0.1	0.16	0.21	0.27	0.31	0.33	0.34	0.35	0.08	0.1	0.15	0.19	0.23	0.27	0.3	0.32	0.33	0.85	0.0	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.0	0.0	0.0	0.0
12	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.63	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.63	0.31	0.38	0.44	0.44	0.44	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.13	0.13	0.13	0.13
	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.0	0.0	0.0	0.0
	0.02	0.04	0.1	0.27	0.34	0.37	0.38	0.39	0.39	0.04	0.06	0.1	0.19	0.27	0.32	0.34	0.36	0.37	0.06	0.07	0.1	0.16	0.21	0.27	0.31	0.33	0.34	0.85	0.85	0.0	0.27	0.27	0.27	0.27	0.27	0.27	0.0	0.0	0.0	0.0
13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.25	0.31	0.38	0.44	0.44	0.5	0.56	0.63	0.69	0.31	0.38	0.44	0.5	0.5	0.5	0.56	0.63	0.69	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.2	0.2	0.2	0.2
	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.0	0.0	0.0	0.0
	0.98	0.98	0.98	0.0	0.42	0.42	0.42	0.42	0.42	0.01	0.02	0.04	0.1	0.27	0.34	0.37	0.38	0.39	0.03	0.04	0.06	0.1	0.19	0.27	0.32	0.34	0.36	0.85	0.85	0.85	0.0	0.27	0.27	0.27	0.27	0.27	0.0	0.0	0.0	0.0
14	0.25	0.31	0.38	0.44	0.44	0.5	0.56	0.63	0.69	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.31	0.38	0.44	0.5	0.56	0.56	0.63	0.69	0.75	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.27	0.27	0.27	0.27
	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0	0.0
	0.95	0.94	0.91	0.85	0.66	0.54	0.5	0.48	0.47	0.98	0.98	0.98	0.98	0.0	0.42	0.42	0.42	0.42	0.01	0.01	0.02	0.04	0.1	0.27	0.34	0.37	0.38	0.85	0.85	0.85	0.85	0.0	0.27	0.27	0.27	0.27	0.0	0.0	0.0	0.0
15	0.31	0.38	0.44	0.5	0.5	0.5	0.56	0.63	0.69	0.31	0.38	0.44	0.5	0.56	0.56	0.63	0.69	0.75	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.33	0.33	0.33	0.33
	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.0	0.0	0.0	0.0
	0.93	0.91	0.89	0.85	0.75	0.66	0.58	0.54	0.51	0.96	0.95	0.94	0.91	0.85	0.66	0.54	0.5	0.48	0.98	0.98	0.98	0.98	0.98	0.0	0.42	0.42	0.42	0.85	0.85	0.85	0.85	0.85	0.0	0.27	0.27	0.27	0.0	0.0	0.0	0.0
16	0.38	0.44	0.5	0.56	0.56	0.56	0.56	0.63	0.69	0.38	0.44	0.5	0.56	0.63	0.63	0.63	0.69	0.75	0.38	0.44	0.5	0.56	0.63	0.69	0.69	0.75	0.81	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.4	0.4	0.4	0.4
	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	0.0
	0.91	0.9	0.88	0.85	0.78	0.72	0.66	0.6	0.56	0.94	0.93	0.91	0.89	0.85	0.75	0.66	0.58	0.54	0.96	0.96	0.95	0.94	0.91	0.85	0.66	0.54	0.5	0.85	0.85	0.85	0.85	0.85	0.85	0.0	0.27	0.27	0.0	0.0	0.0	0.0
17	0.44	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.69	0.44	0.5	0.56	0.63	0.69	0.69	0.69	0.69	0.75	0.44	0.5	0.56	0.63	0.69	0.75	0.75	0.75	0.81	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.47	0.47	0.47	0.47
	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.88	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.88	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.0	0.0	0.0	0.0
	0.91	0.89	0.87	0.85	0.8	0.75	0.7	0.66	0.61	0.92	0.91	0.9	0.88	0.85	0.78	0.72	0.66	0.6	0.94	0.94	0.93	0.91	0.89	0.85	0.75	0.66	0.58	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.0	0.27	0.0	0.0	0.0	0.0
18	0.5	0.56	0.63	0.69	0.69	0.69	0.69	0.69	0.69	0.5	0.56	0.63	0.69	0.75	0.75	0.75	0.75	0.75	0.5	0.56	0.63	0.69	0.75	0.81	0.81	0.81	0.81	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	0.53	0.53	0.53	0.53
	1.0	0.88	0.75	0.63	0.63	0.63	0.63	0.63	0.63	1.0	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	1.0	0.88	0.75	0.63	0.5	0.38	0.38	0.38	0.38	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0
	0.9	0.89	0.87	0.85	0.81	0.77	0.73	0.69	0.66	0.91	0.91	0.89	0.87	0.85	0.8	0.75	0.7	0.66	0.93	0.92	0.91	0.9	0.88	0.85	0.78	0.72	0.66	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.0	0.0	0.0	0.0	0.0
19	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.6	0.6	0.6	0.6
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
	0.1	0.13	0.16	0.19	0.21	0.24	0.27	0.29	0.31	0.1	0.13	0.15	0.17	0.2	0.22	0.24	0.27	0.29	0.1	0.12	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.0	0.0	0.0	0.0
20	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.67	0.67	0.67	0.67
	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0
	0.08	0.1	0.14	0.17	0.2	0.24	0.27	0.29	0.31	0.09	0.1	0.13	0.16	0.19	0.21	0.24	0.27	0.29	0.09	0.1	0.13	0.15	0.17	0.2	0.22	0.24	0.27	0.98	0.0	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.0	0.0	0.0	0.0
21	0.38	0.44	0.5	0.5	0.5	0.5	0.5	0.56	0.63	0.44	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.63	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.73	0.73	0.73	0.73
	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.0	0.0	0.0	0.0
	0.06	0.08	0.1	0.15	0.19	0.23	0.27	0.3	0.32	0.07	0.08	0.1	0.14	0.17	0.2	0.24	0.27	0.29	0.07	0.09	0.1	0.13	0.16	0.19	0.21	0.24	0.27	0.98	0.98	0.0	0.42	0.42	0.42	0.42	0.42	0.42	0.0	0.0	0.0	0.0
22	0.38	0.44	0.5	0.56	0.56	0.56	0.56	0.63	0.69	0.44	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.69	0.5	0.56	0.63	0.69	0.69	0.69	0.69	0.69	0.69	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.8	0.8	0.8	0.8
	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.63	1.0	0.88	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.0	0.0	0.0	0.0
	0.04	0.06	0.07	0.1	0.16	0.21	0.27	0.31	0.33	0.05	0.06	0.08	0.1	0.15	0.19	0.23	0.27	0.3	0.06	0.07	0.08	0.1	0.14	0.17	0.2	0.24	0.27	0.98	0.98	0.98	0.0	0.42	0.42	0.42	0.42	0.42	0.0	0.0	0.0	0.0
23	0.38	0.44	0.5	0.56	0.63	0.63	0.63	0.69	0.75	0.44	0.5	0.56	0.63	0.69	0.69	0.69	0.69	0.75	0.5	0.56	0.63	0.69	0.75	0.75	0.75	0.75	0.75	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.87	0.87	0.87	0.87
	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.88	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	1.0	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0	0.0
	0.02	0.03	0.04	0.06	0.1	0.19	0.27	0.32	0.34	0.03	0.04	0.06	0.07	0.1	0.16	0.21	0.27	0.31	0.04	0.05	0.06	0.08	0.1	0.15	0.19	0.23	0.27	0.98	0.98	0.98	0.98	0.0	0.42	0.42	0.42	0.42	0.0	0.0	0.0	0.0
24	0.38	0.44	0.5	0.56	0.63	0.69	0.69	0.75	0.81	0.44	0.5	0.56	0.63	0.69	0.75	0.75	0.75	0.81	0.5	0.56	0.63	0.69	0.75	0.81	0.81	0.81	0.81	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.93	0.93	0.93	0.93
	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.88	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.38	1.0	0.88	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.0	0.0	0.0	0.0
	0.0	0.01	0.01	0.02	0.04	0.1	0.27	0.34	0.37	0.02	0.02	0.03	0.04	0.06	0.1	0.19	0.27	0.32	0.03	0.03	0.04	0.06	0.07	0.1	0.16	0.21	0.27	0.98	0.98	0.98	0.98	0.98	0.0	0.42	0.42	0.42	0.0	0.0	0.0	0.0
25	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.81	0.88	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.88	0.88	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	1.0	1.0	1.0	1.0
	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	0.0
	0.98	0.98	0.98	0.98	0.98	0.98	0.0	0.42	0.42	1.0	0.0	0.01	0.01	0.02	0.04	0.1	0.27	0.34	0.01	0.02	0.02	0.03	0.04	0.06	0.1	0.19	0.27	0.98	0.98	0.98	0.98	0.98	0.98	0.0	0.42	0.42	0.0	0.0	0.0	0.0
26	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.81	0.88	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94	0.94	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	0.5	0.5	0.5
	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.0	1.0	1.0	1.0
	0.96	0.96	0.96	0.95	0.94	0.91	0.85	0.66	0.54	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.0	0.42	1.0	1.0	0.0	0.01	0.01	0.02	0.04	0.1	0.27	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.0	0.42	0.0	0.1	0.27	0.42
27	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.88	0.88	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94	0.94	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94	1.0	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	1.0	0.5	0.5	0.5
	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	1.0	1.0	1.0
	0.95	0.94	0.94	0.93	0.91	0.89	0.85	0.75	0.66	0.97	0.96	0.96	0.96	0.95	0.94	0.91	0.85	0.66	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.0	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.0	0.0	0.66	0.85	0.98

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

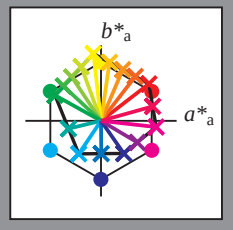
BAM registration: 20081001-Ee65/10L/L65E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

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

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 0.97

ORS18_95aM; adapted (a) CIELAB data

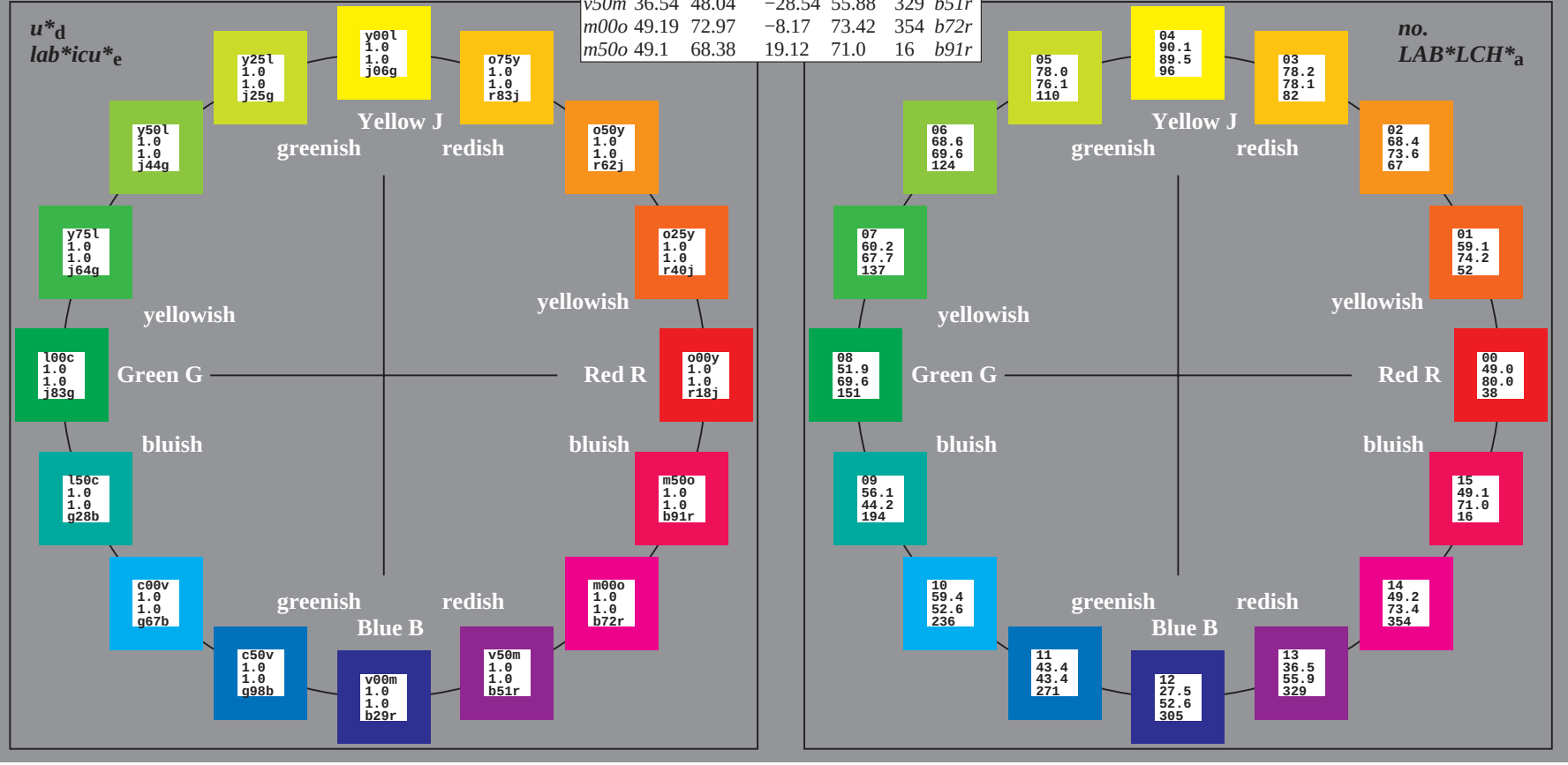
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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



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

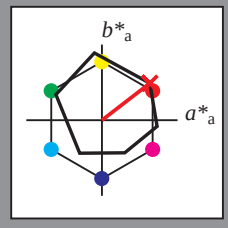
ORS18_95aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.105**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r18j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

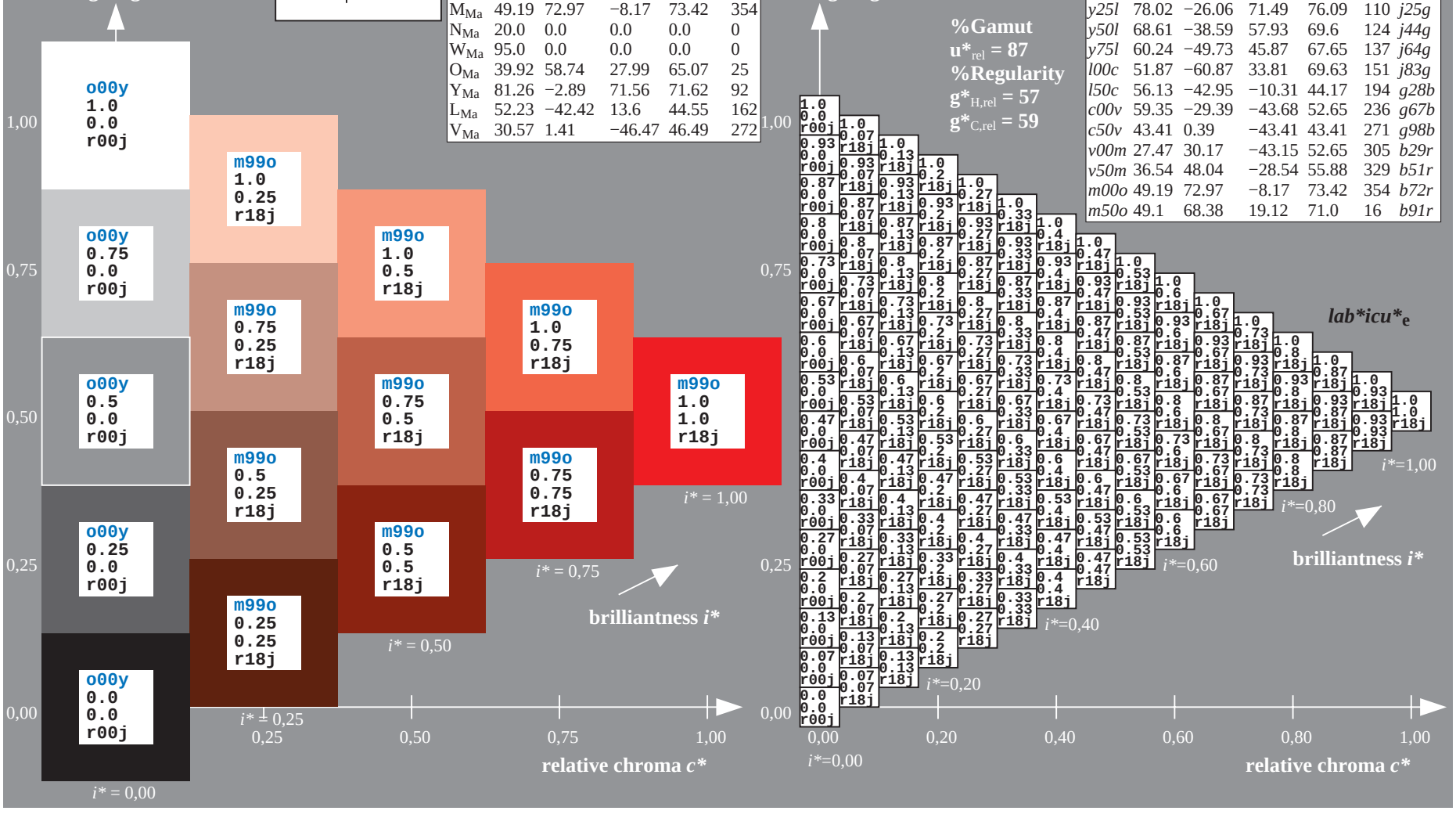
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 63 49
*LAB*LCH**$_{Ma}$: 49 80 37
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.18 0.0
triangle lightness *t**

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

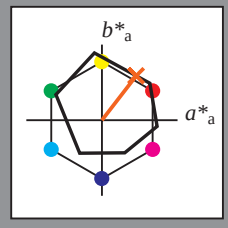
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r40j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

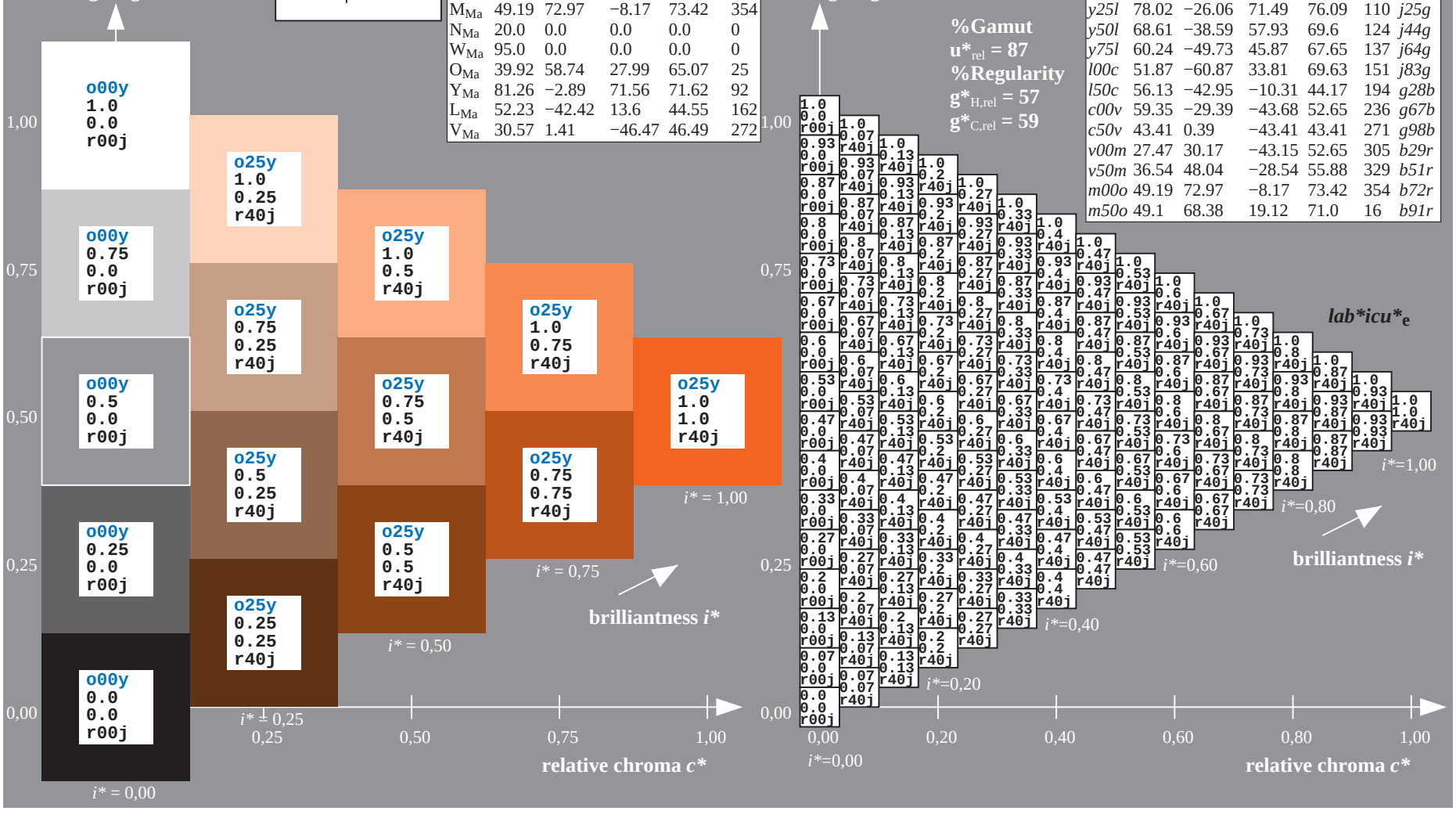
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 45 59
*LAB*LCH**$_{Ma}$: 59 74 52
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.4 0.0
triangle lightness *t**

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

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

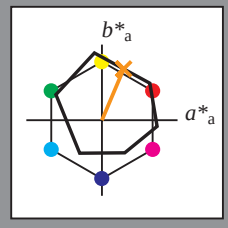
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r62j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

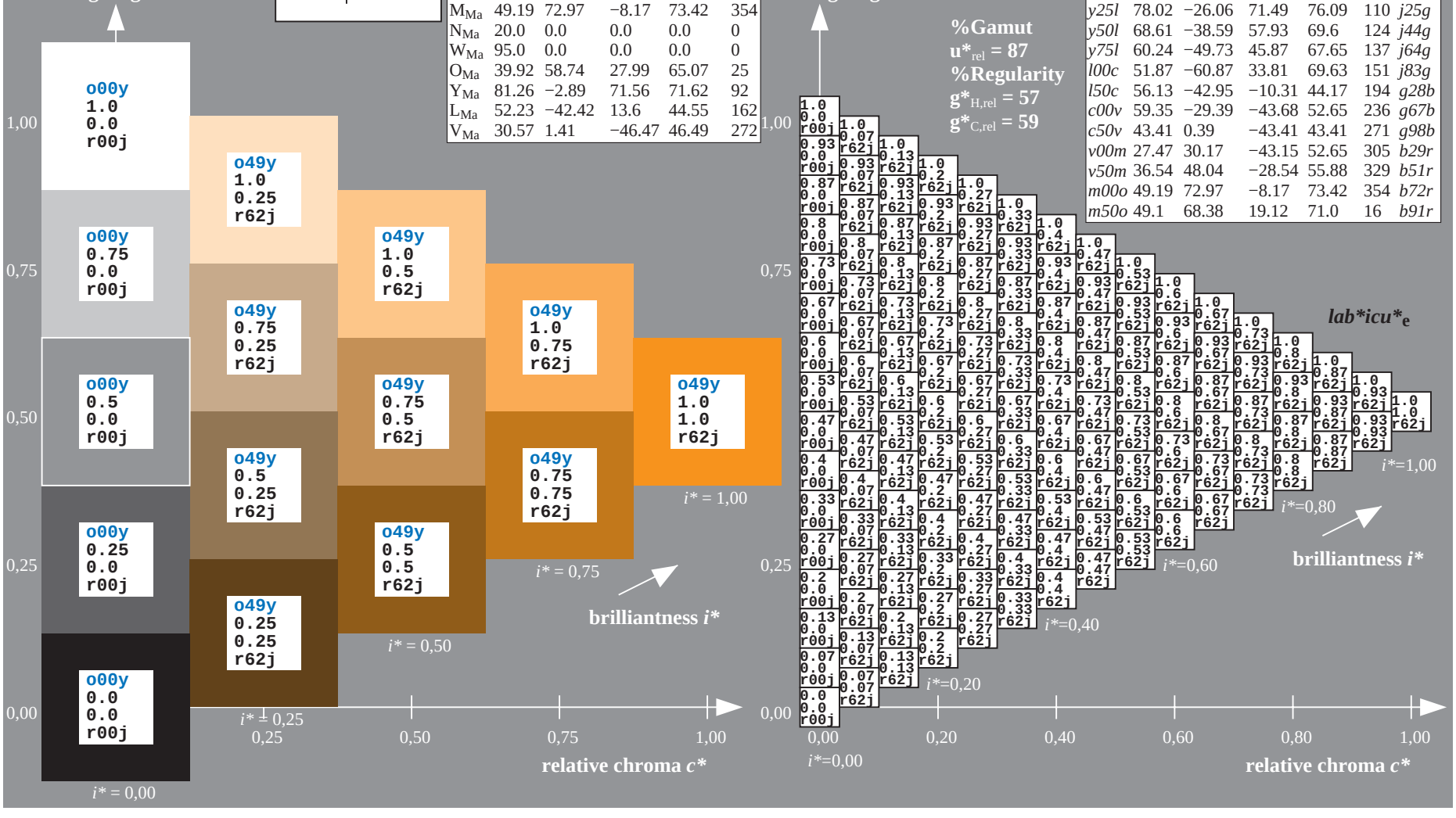
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 68 29 68
*LAB*LCH**$_{Ma}$: 68 74 67
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.62 0.0
triangle lightness *t**

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

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

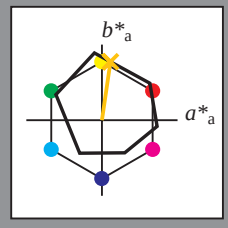
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r83j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

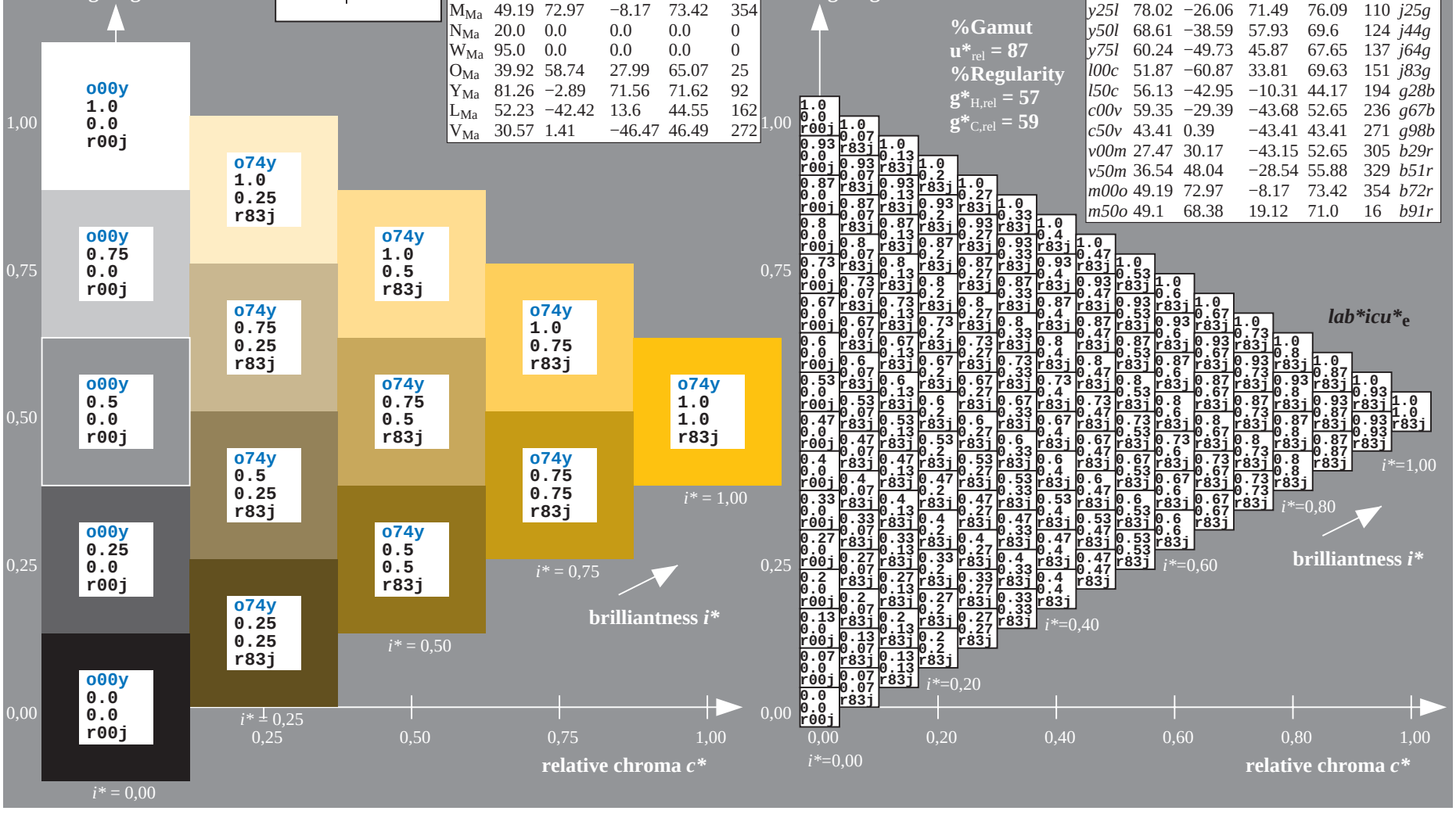
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 11 77
*LAB*LCH**$_{Ma}$: 78 78 81
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.84 0.0
triangle lightness *t**

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

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

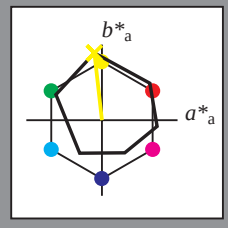
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

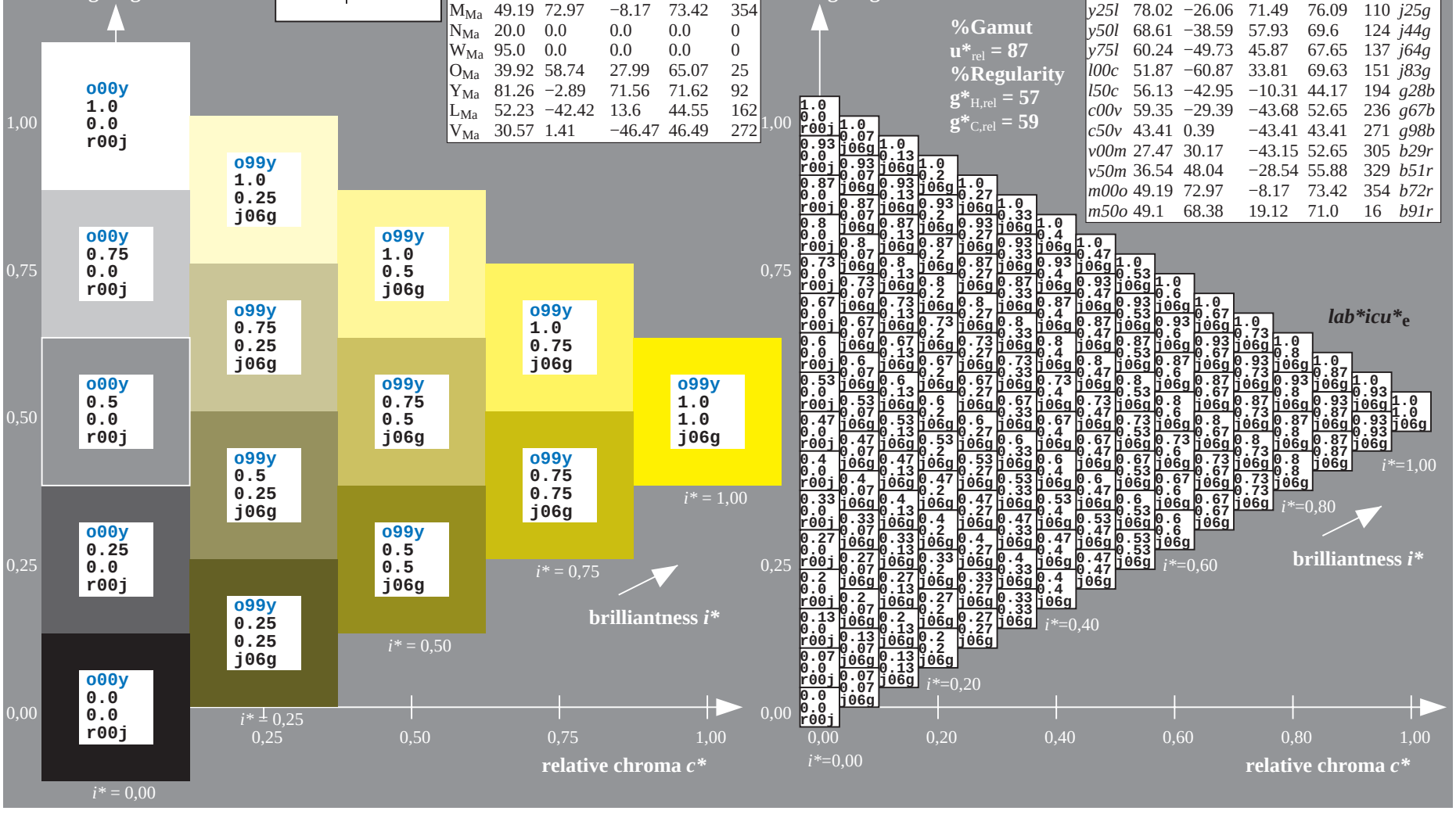
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 90 −10 89
*LAB*LCH**$_{Ma}$: 90 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

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

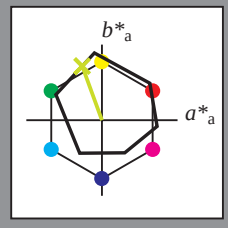
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j25g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

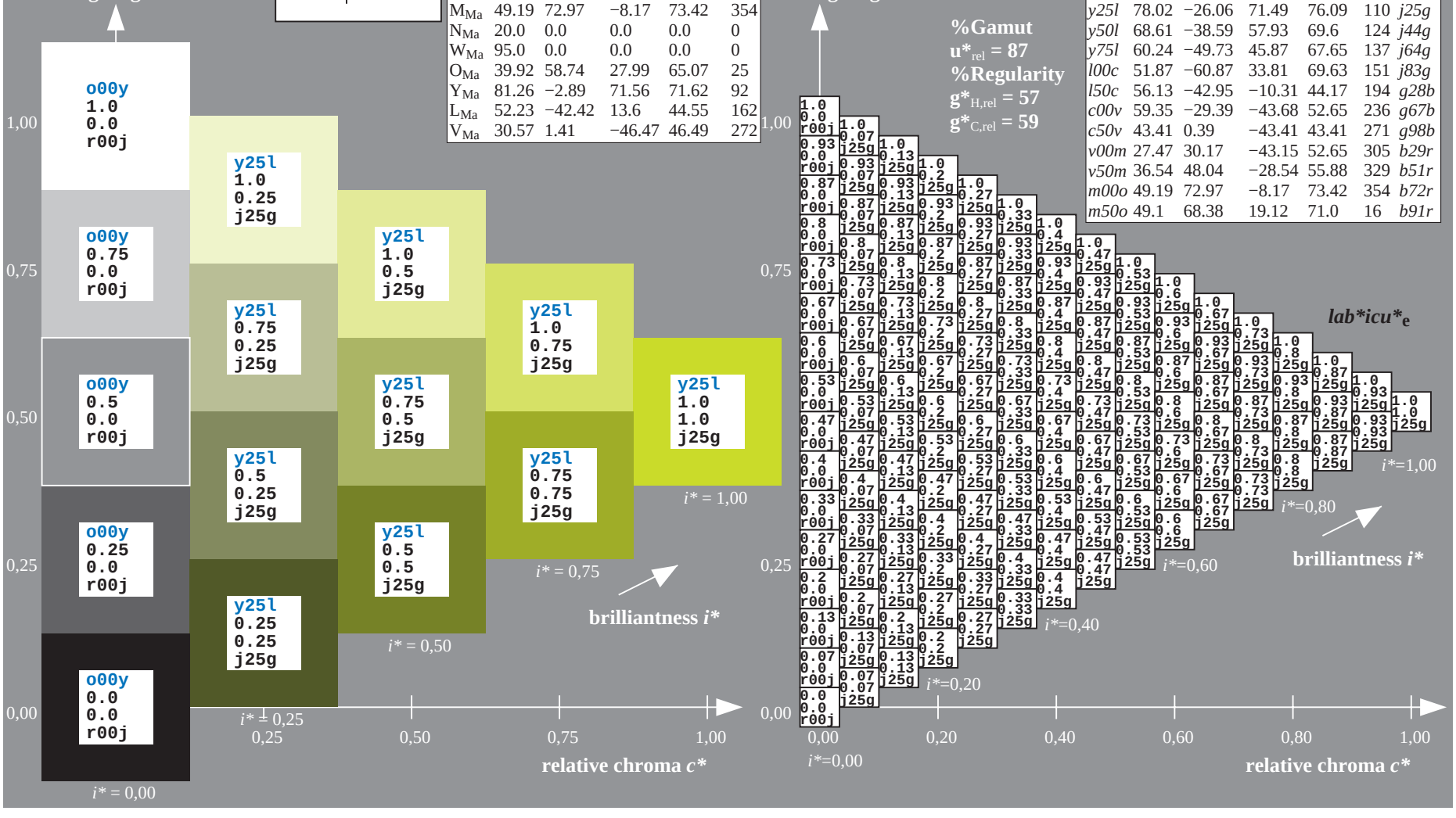
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 −26 71
*LAB*LCH**$_{Ma}$: 78 76 110
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.75 1.0 0.0
triangle lightness *t**

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

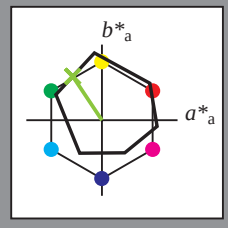
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.344**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j44g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

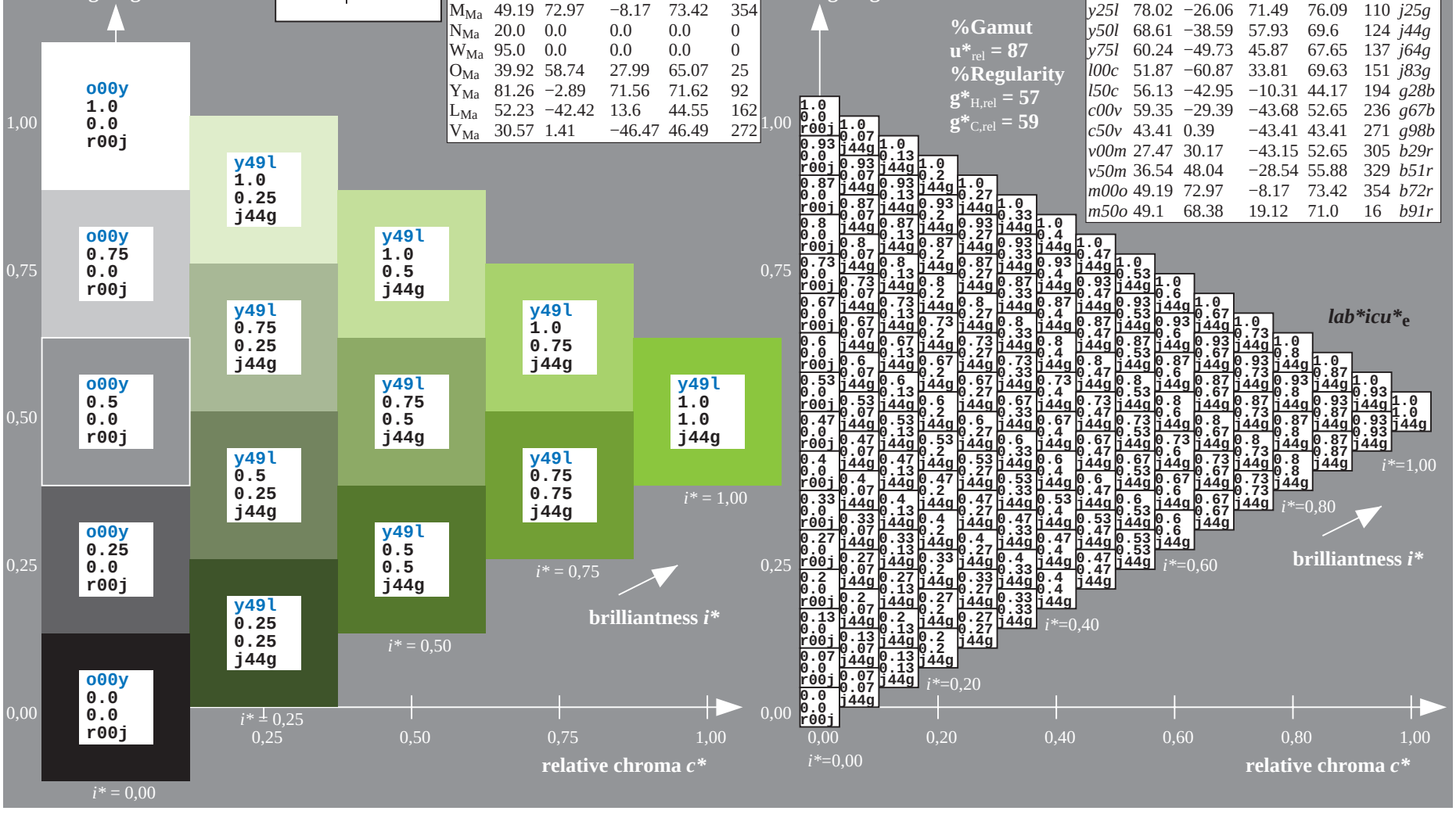
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 69 −39 58
*LAB*LCH**$_{Ma}$: 69 70 123
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.55 1.0 0.0
triangle lightness *t**

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

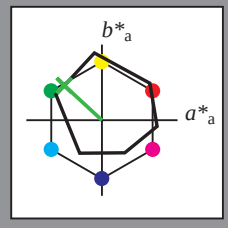
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.381**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j64g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

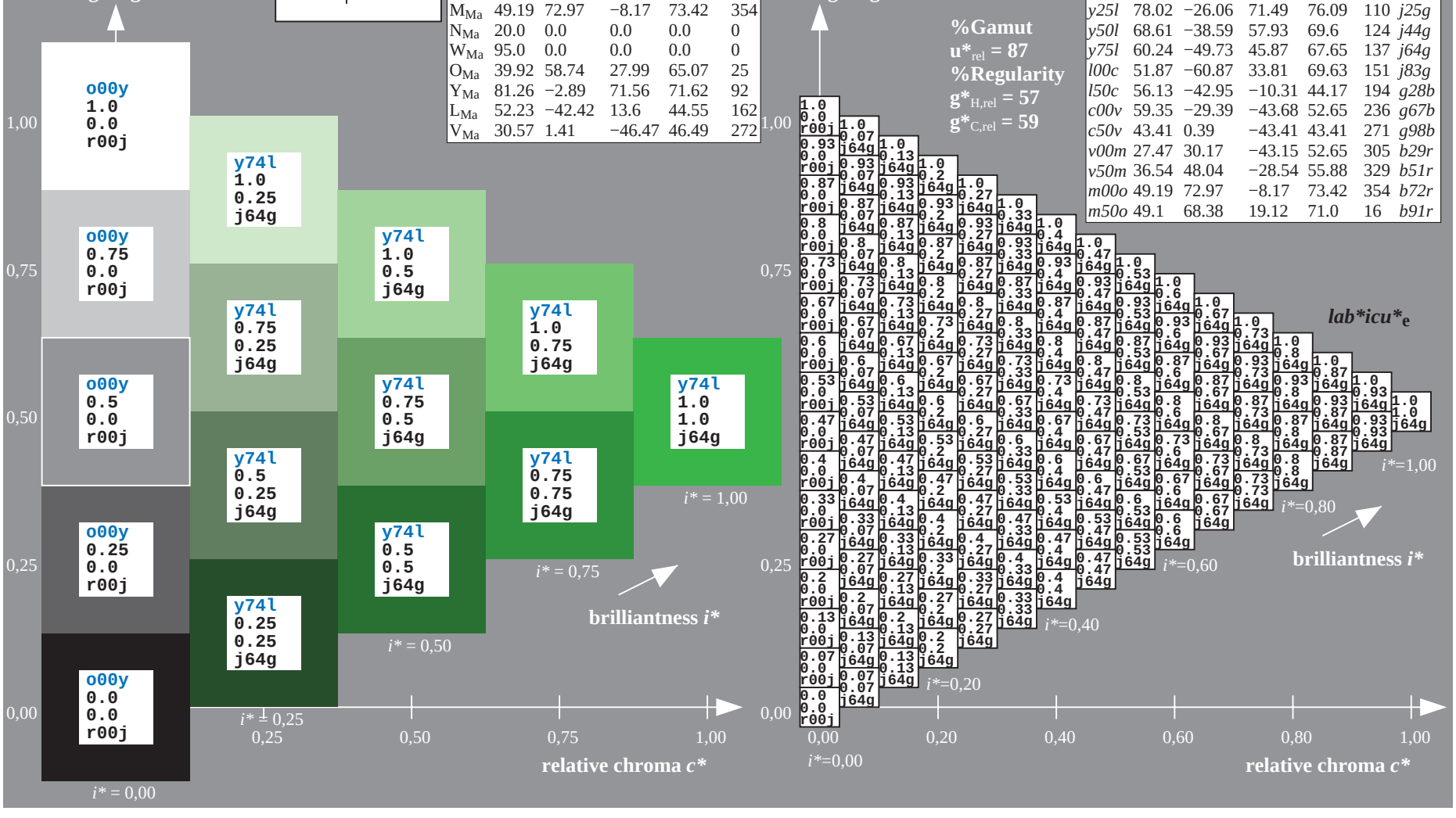
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −50 46
*LAB*LCH**$_{Ma}$: 60 68 137
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.36 1.0 0.0
triangle lightness *t**

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

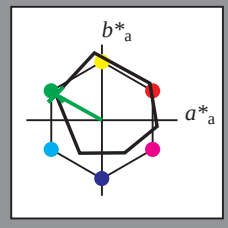
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *l00c* u^*_e = *j83g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

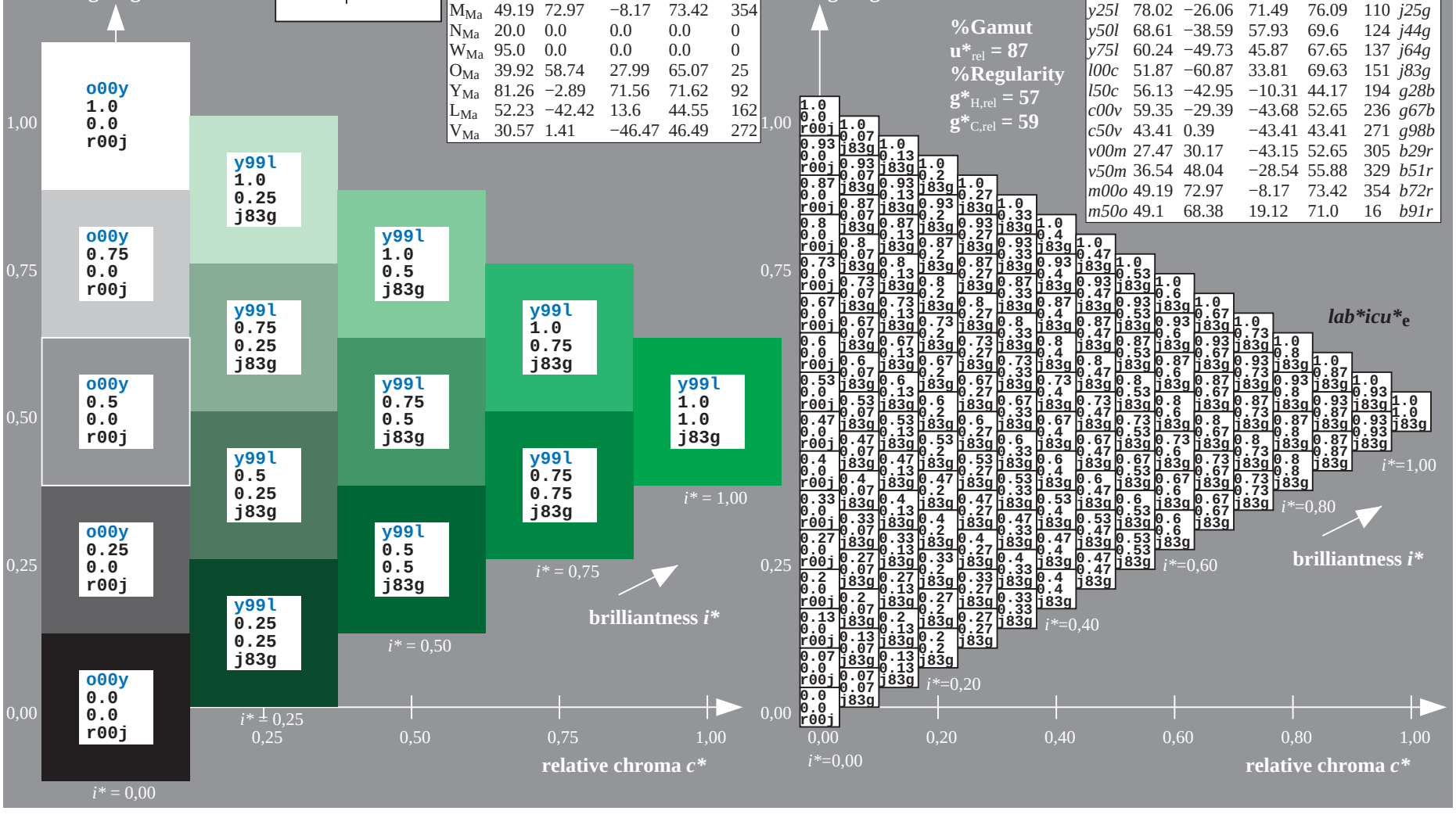
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 52 −61 34**
LAB*LCH*$_{Ma}$**: 52 70 150**
lab*olv*$_{Ma}$**: 0.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.16 1.0 0.0**
triangle lightness *t**

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

u^*_d = *l00c*
lab*icu*$_e$

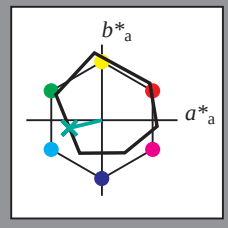
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.538**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

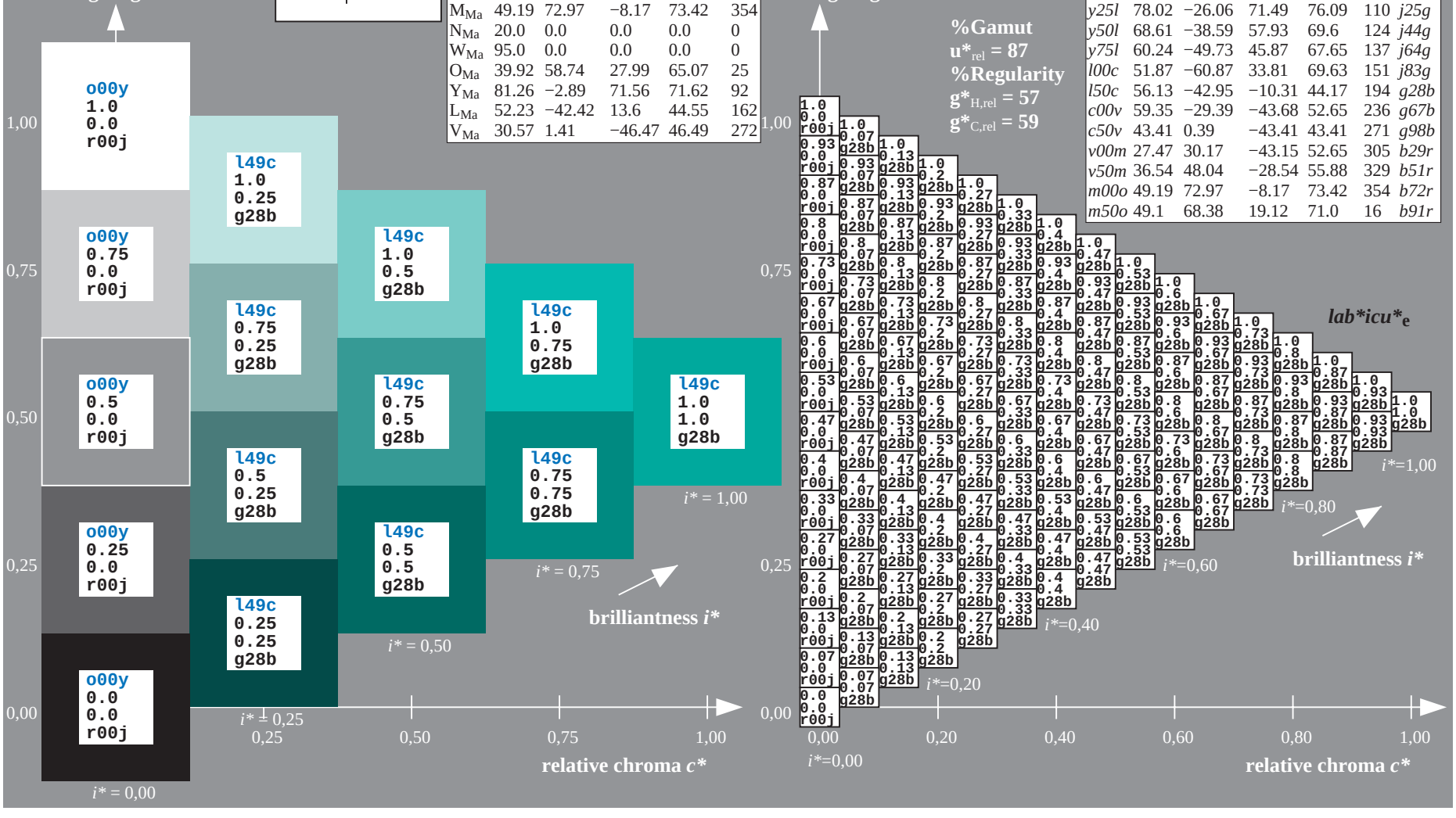
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 −43 −10
*LAB*LCH**$_{Ma}$: 56 44 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

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

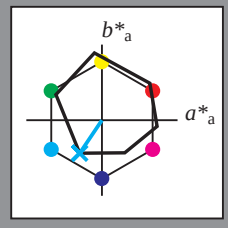
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g67b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

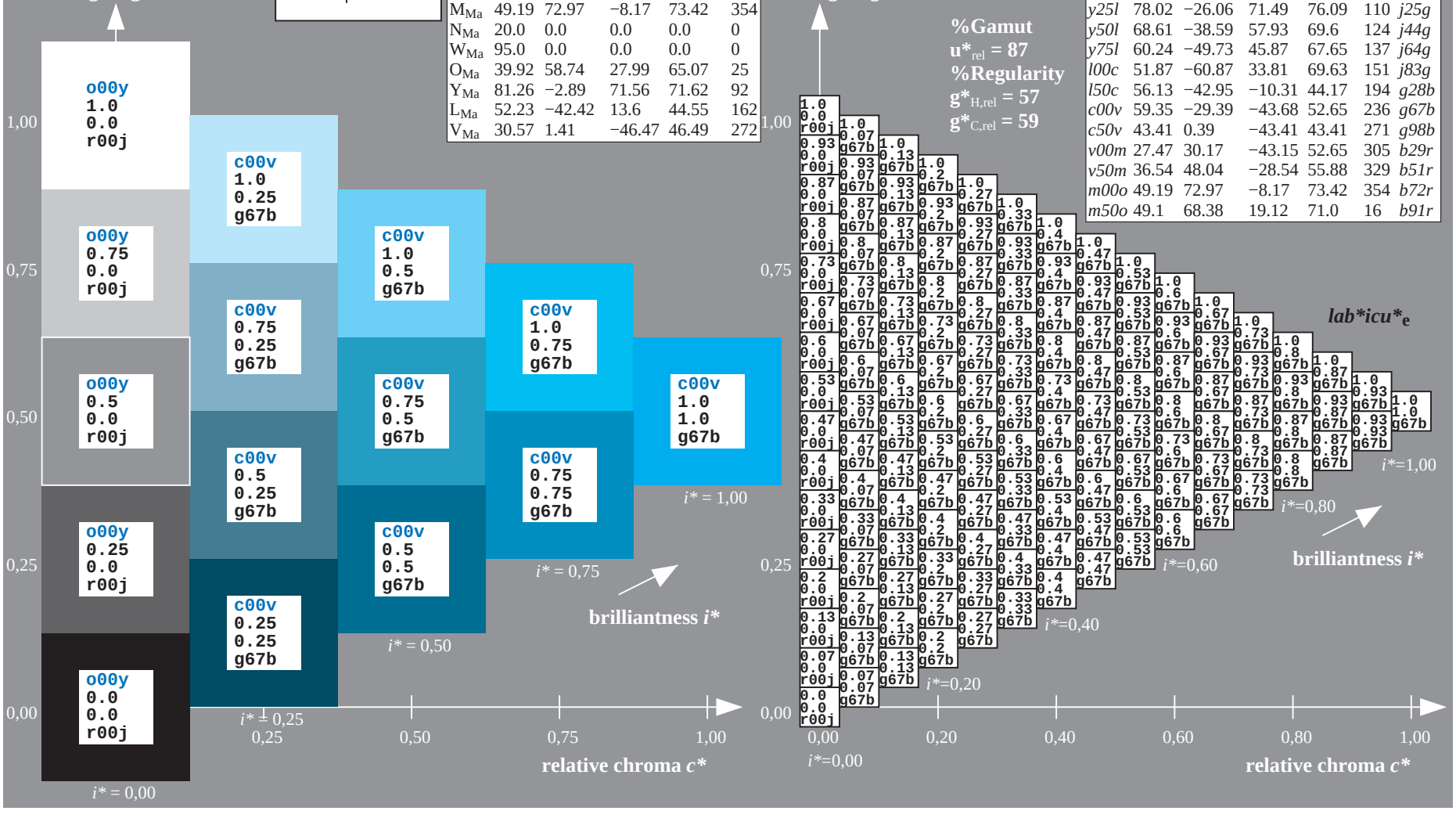
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 −29 −44
*LAB*LCH**$_{Ma}$: 59 53 236
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.65 1.0
triangle lightness *t**

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

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

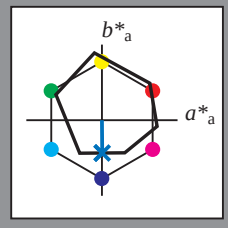
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g98b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

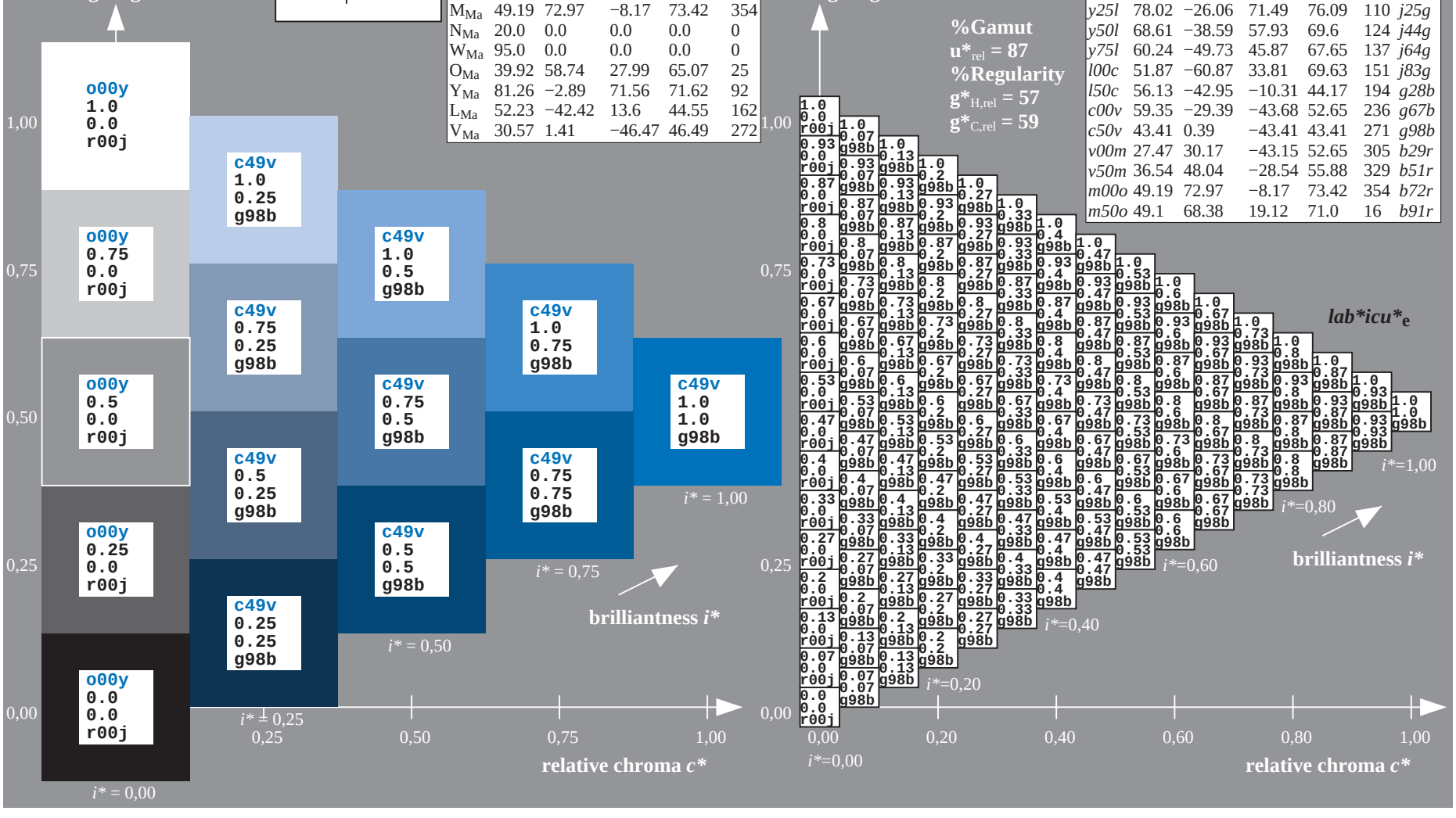
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 0 −43
*LAB*LCH**$_{Ma}$: 43 43 270
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.02 1.0
triangle lightness *t**

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

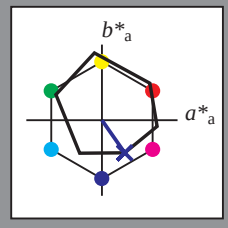
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b29r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

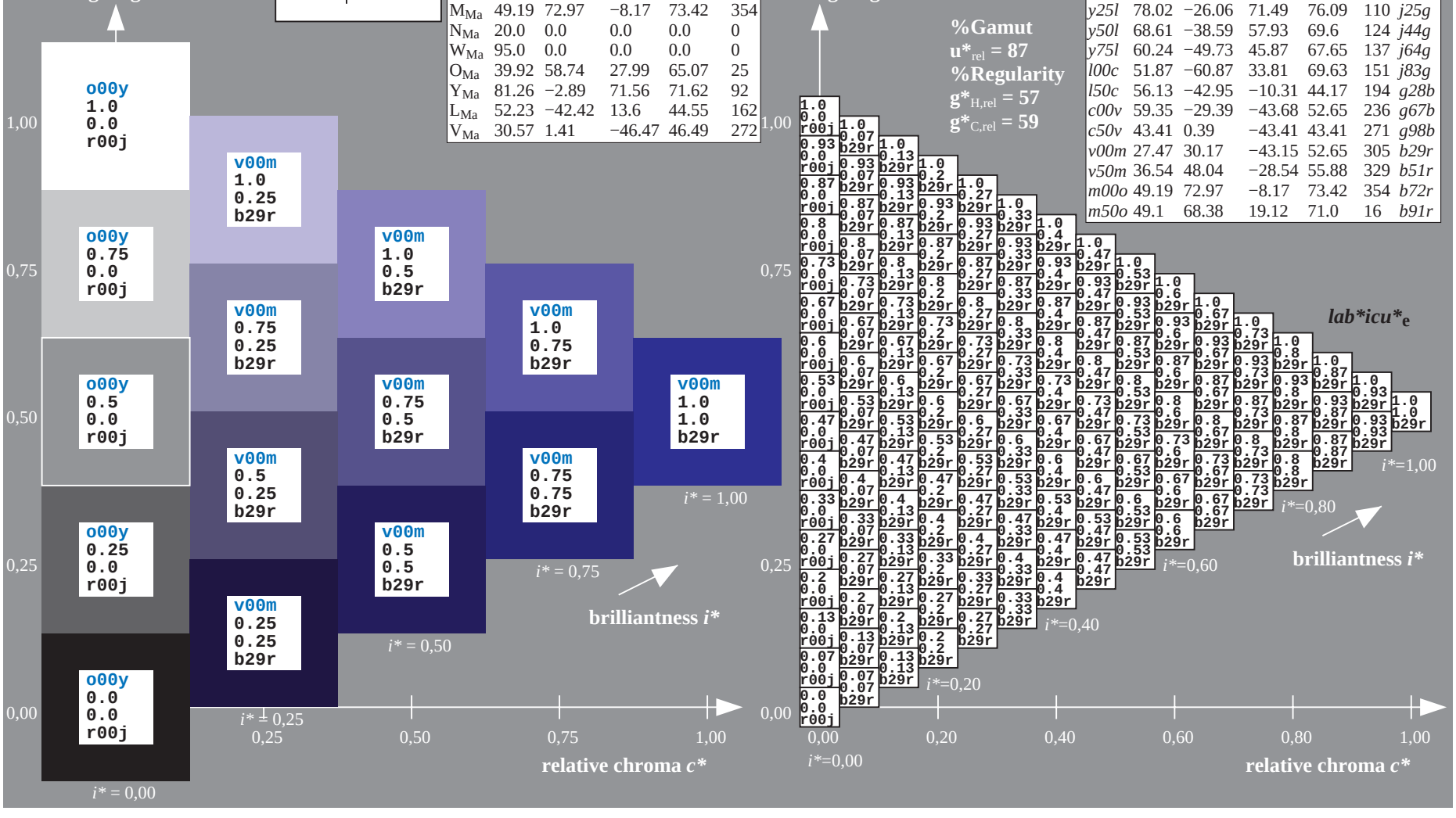
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 27 30 −43
*LAB*LCH**$_{Ma}$: 27 53 304
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.58 0.0 1.0
triangle lightness *t**

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

u^*_d = *v00m*
*lab*icu**$_e$

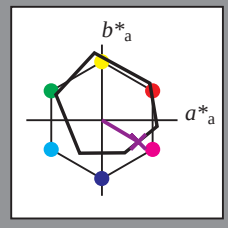
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b51r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

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

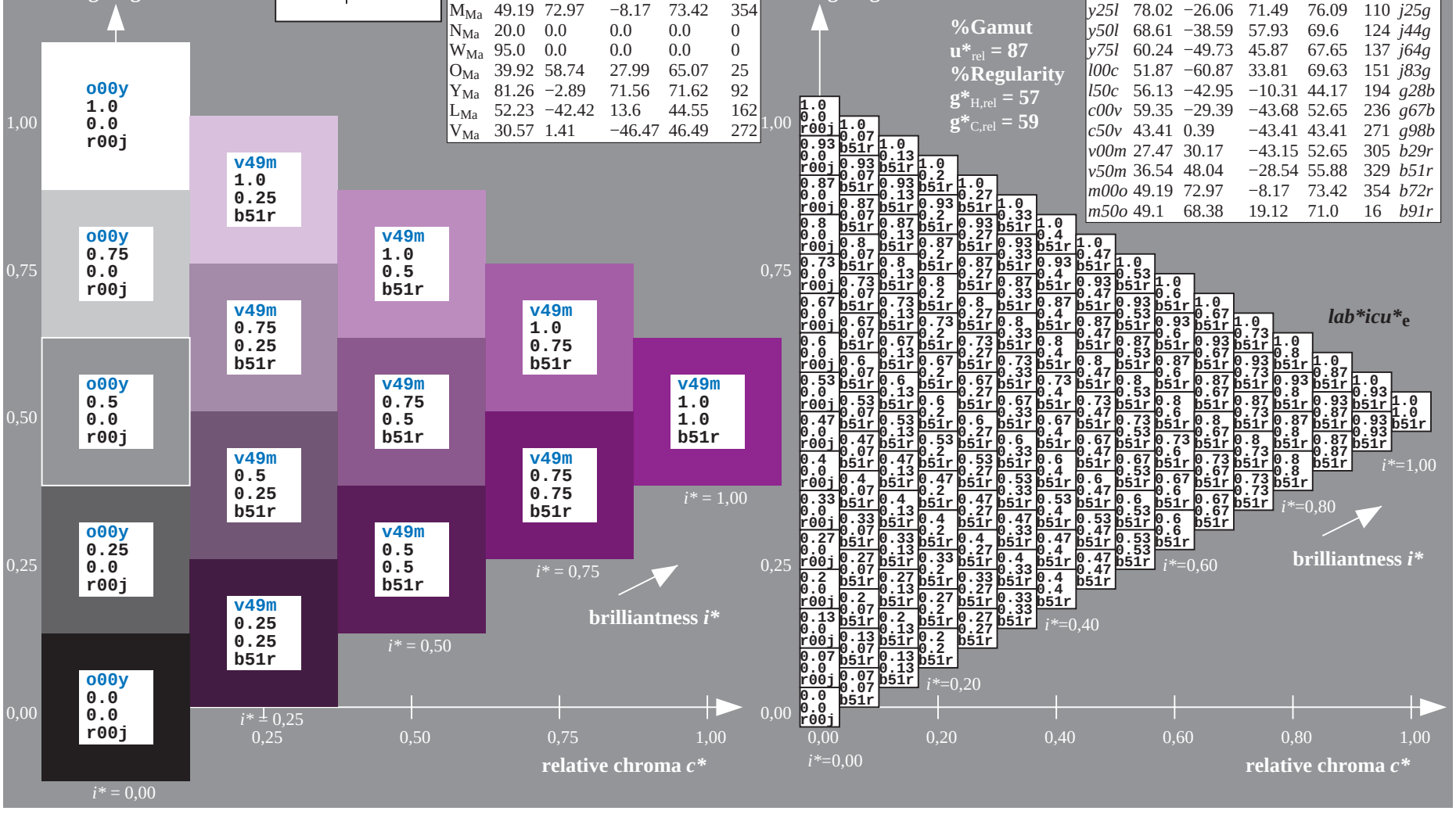
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 37 48 −29
*LAB*LCH**$_{Ma}$: 37 56 329
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.99
triangle lightness *t**

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

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

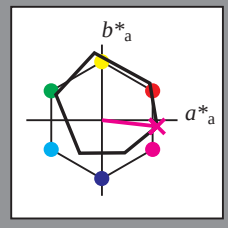
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b72r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

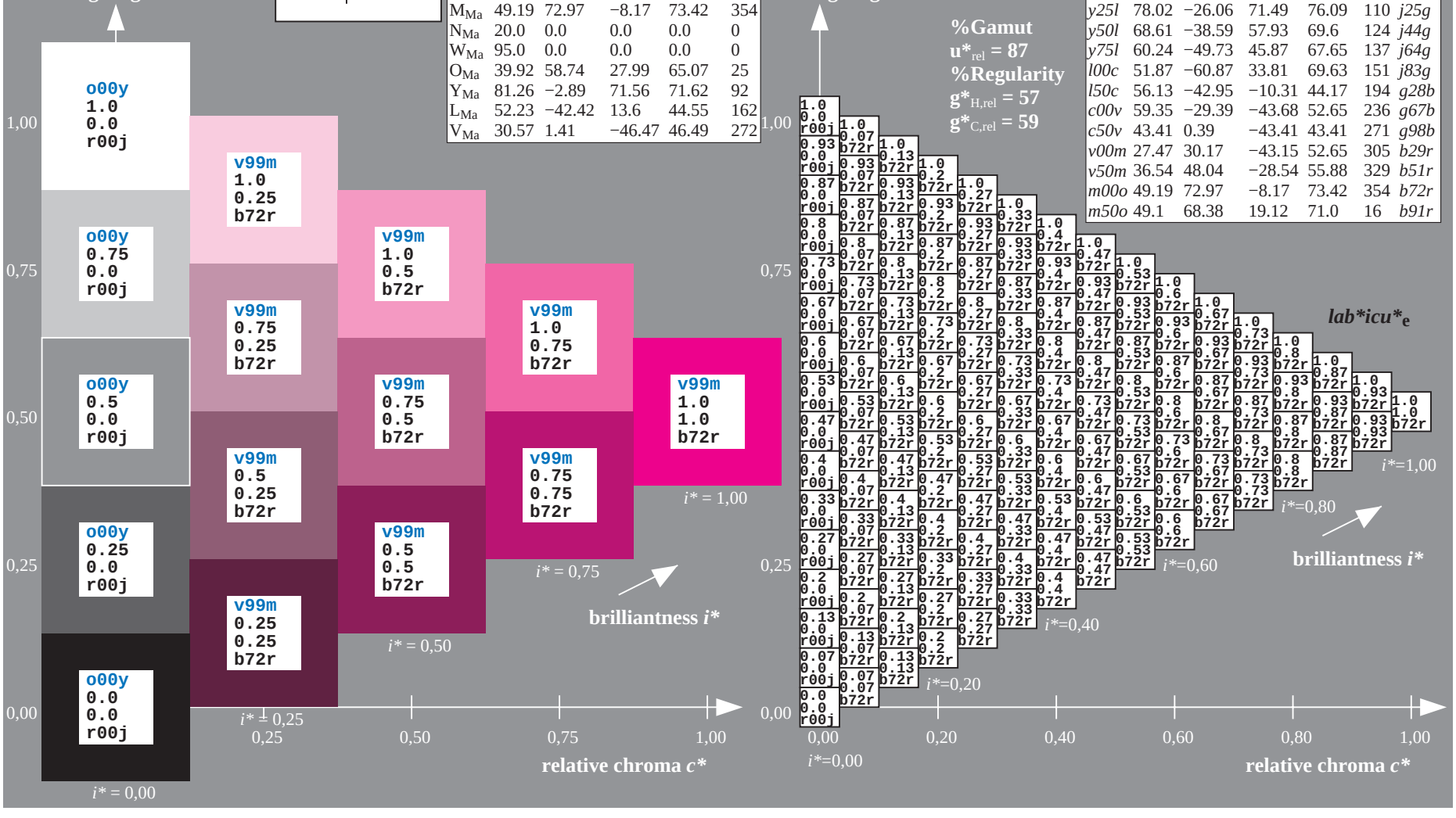
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 73 −8
*LAB*LCH**$_{Ma}$: 49 73 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.56
triangle lightness *t**

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

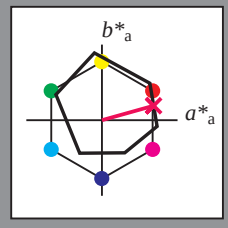
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b91r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

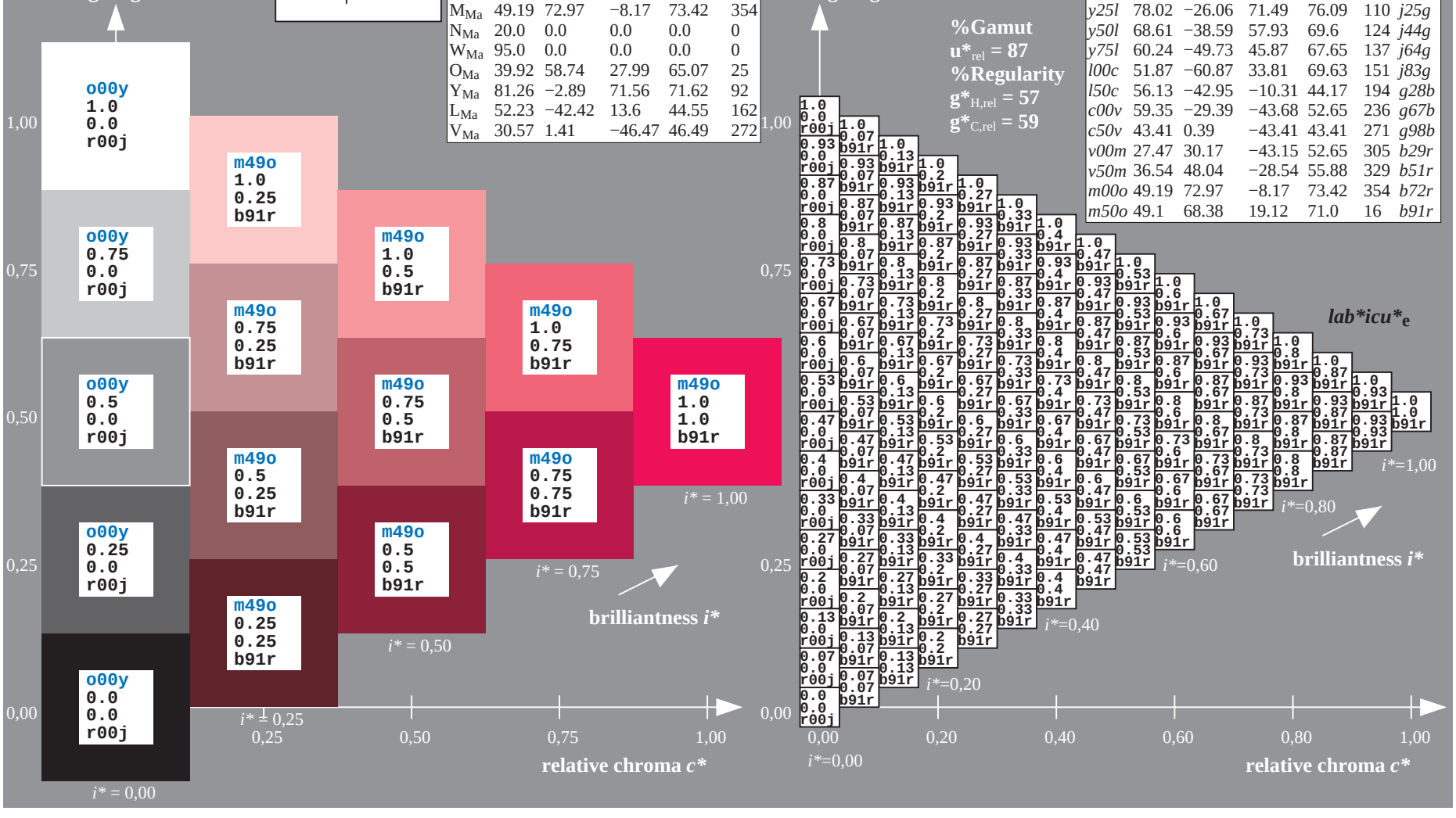
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	49.0	63.38	48.88	80.04	38
Y_{Ma}	90.12	−9.95	88.92	89.48	96
L_{Ma}	51.87	−60.87	33.81	69.63	151
C_{Ma}	59.35	−29.39	−43.68	52.65	236
V_{Ma}	27.47	30.17	−43.15	52.65	305
M_{Ma}	49.19	72.97	−8.17	73.42	354
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0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

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 68 19
*LAB*LCH**$_{Ma}$: 49 71 15
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.17
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

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



www.ps.bam.de/Ee65/10L/L65E00NP.PS/ .PDF; FRS09_92; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

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

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*icu*e		
01	0.0 0.0 r00j	0.13 0.13 j83g	0.25 0.25 j83g	0.38 0.38 j83g	0.5 0.5 j83g	0.63 0.63 j83g	0.75 0.75 j83g	0.88 0.88 j83g	1.0 1.0 j83g	0.13 0.13 r18j	0.13 0.13 j06g	0.25 0.25 j44g	0.38 0.38 j57g	0.5 0.5 j64g	0.63 0.63 j68g	0.75 0.75 j70g	0.88 0.88 j72g	1.0 1.0 j73g	0.25 0.25 r18j	0.25 0.25 r62j	0.25 0.25 j06g	0.38 0.38 j32g	0.5 0.5 j44g	0.63 0.63 j52g	0.75 0.75 j57g	0.88 0.88 j61g	1.0 1.0 j64g	1.0 0.0 r00j	1.0 0.13 r18j	1.0 0.25 r18j	1.0 0.38 r18j	1.0 0.5 r18j	1.0 0.63 r18j	1.0 0.75 r18j	1.0 0.88 r18j	1.0 1.0 r18j	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j
02	0.13 0.13 b29r	0.13 0.13 g67b	0.25 0.25 g28b	0.38 0.38 g15b	0.5 0.5 g09b	0.63 0.63 g05b	0.75 0.75 g03b	0.88 0.88 g01b	1.0 1.0 j98g	0.13 0.13 b72r	0.13 0.0 r00j	0.25 0.13 j83g	0.38 0.25 j83g	0.5 0.38 j83g	0.63 0.5 j83g	0.75 0.63 j83g	0.88 0.75 j83g	1.0 0.88 j83g	0.25 0.25 b91r	0.25 0.13 r18j	0.25 0.13 j06g	0.38 0.25 j44g	0.5 0.38 j57g	0.63 0.5 j64g	0.75 0.63 j68g	0.88 0.75 j70g	1.0 0.88 j72g	1.0 0.13 g67b	0.88 0.0 r00j	0.88 0.13 r18j	0.88 0.25 r18j	0.88 0.38 r18j	0.88 0.5 r18j	0.88 0.63 r18j	0.88 0.75 r18j	0.88 0.88 r18j	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j
03	0.25 0.25 b29r	0.25 0.25 g98b	0.25 0.25 g67b	0.38 0.38 g41b	0.5 0.5 g28b	0.63 0.63 g21b	0.75 0.75 g15b	0.88 0.88 g12b	1.0 1.0 g09b	0.25 0.25 b51r	0.25 0.13 b29r	0.25 0.13 g67b	0.38 0.25 g28b	0.5 0.38 g15b	0.63 0.5 g09b	0.75 0.63 g05b	0.88 0.75 g03b	1.0 0.88 g01b	0.25 0.25 b72r	0.25 0.13 b72r	0.25 0.0 r00j	0.38 0.13 j83g	0.5 0.25 j83g	0.63 0.38 j83g	0.75 0.5 j83g	0.88 0.63 j83g	1.0 0.75 j83g	1.0 0.25 g67b	0.88 0.13 g67b	0.75 0.0 r00j	0.75 0.13 r18j	0.75 0.25 r18j	0.75 0.38 r18j	0.75 0.5 r18j	0.75 0.63 r18j	0.75 0.75 r18j	0.25 0.0 r00j	0.25 0.0 r00j	0.25 0.0 r00j	0.25 0.0 r00j
04	0.38 0.38 b29r	0.38 0.38 b09r	0.38 0.38 g88b	0.38 0.38 g67b	0.5 0.5 g48b	0.63 0.63 g36b	0.75 0.75 g28b	0.88 0.88 g23b	1.0 1.0 g19b	0.38 0.38 b43r	0.38 0.25 b29r	0.38 0.25 g98b	0.38 0.25 g67b	0.5 0.38 g41b	0.63 0.5 g28b	0.75 0.63 g21b	0.88 0.75 g15b	1.0 0.88 g12b	0.38 0.38 b58r	0.38 0.25 b51r	0.38 0.13 b29r	0.38 0.13 g67b	0.5 0.25 g28b	0.63 0.38 g15b	0.75 0.5 g09b	0.88 0.63 g05b	1.0 0.75 g03b	1.0 0.38 g67b	0.88 0.25 g67b	0.75 0.13 g67b	0.63 0.0 r00j	0.63 0.13 r18j	0.63 0.25 r18j	0.63 0.38 r18j	0.63 0.5 r18j	0.63 0.63 r18j	0.38 0.0 r00j	0.38 0.0 r00j	0.38 0.0 r00j	0.38 0.0 r00j
05	0.5 0.5 b29r	0.5 0.5 b14r	0.5 0.5 g98b	0.5 0.5 g83b	0.5 0.5 g67b	0.63 0.63 g52b	0.75 0.75 g41b	0.88 0.88 g34b	1.0 1.0 g28b	0.5 0.5 b39r	0.5 0.38 b29r	0.5 0.38 b09r	0.5 0.38 g88b	0.5 0.38 g67b	0.63 0.5 g48b	0.75 0.63 g36b	0.88 0.75 g28b	1.0 0.88 g23b	0.5 0.5 b51r	0.5 0.38 b43r	0.5 0.25 b29r	0.5 0.25 g98b	0.5 0.25 g67b	0.63 0.38 g41b	0.75 0.5 g28b	0.88 0.63 g21b	1.0 0.75 g15b	1.0 0.5 g67b	0.88 0.38 g67b	0.75 0.25 g67b	0.63 0.13 g67b	0.5 0.0 r00j	0.5 0.13 r18j	0.5 0.25 r18j	0.5 0.38 r18j	0.5 0.5 r18j	0.5 0.0 r00j	0.5 0.0 r00j	0.5 0.0 r00j	0.5 0.0 r00j
06	0.63 0.63 b29r	0.63 0.63 b17r	0.63 0.63 b05r	0.63 0.63 g92b	0.63 0.63 g80b	0.63 0.63 g67b	0.75 0.75 g54b	0.88 0.88 g45b	1.0 1.0 g38b	0.63 0.63 b37r	0.63 0.5 b29r	0.63 0.5 b14r	0.63 0.5 g98b	0.63 0.5 g83b	0.63 0.5 g67b	0.75 0.63 g52b	0.88 0.75 g41b	1.0 0.88 g34b	0.63 0.63 b46r	0.63 0.5 b39r	0.63 0.38 b29r	0.63 0.38 b09r	0.63 0.38 g88b	0.63 0.38 g67b	0.75 0.5 g48b	0.88 0.63 g36b	1.0 0.75 g28b	1.0 0.63 g67b	0.88 0.5 g67b	0.75 0.38 g67b	0.63 0.25 g67b	0.5 0.13 g67b	0.38 0.0 r00j	0.38 0.13 r18j	0.38 0.25 r18j	0.38 0.38 r18j	0.63 0.0 r00j	0.63 0.0 r00j	0.63 0.0 r00j	0.63 0.0 r00j
07	0.75 0.75 b29r	0.75 0.75 b19r	0.75 0.75 b09r	0.75 0.75 g98b	0.75 0.75 g88b	0.75 0.75 g78b	0.75 0.75 g67b	0.88 0.88 g56b	1.0 1.0 g48b	0.75 0.75 b36r	0.75 0.63 b29r	0.75 0.63 b17r	0.75 0.63 b05r	0.75 0.63 g92b	0.75 0.63 g80b	0.75 0.63 g67b	0.88 0.75 g54b	1.0 0.88 g45b	0.75 0.75 b43r	0.75 0.63 b37r	0.75 0.5 b29r	0.75 0.5 b14r	0.75 0.5 g98b	0.75 0.5 g83b	0.75 0.5 g67b	0.88 0.63 g52b	1.0 0.75 g41b	1.0 0.75 g67b	0.88 0.63 g67b	0.75 0.5 g67b	0.63 0.38 g67b	0.5 0.25 g67b	0.38 0.13 g67b	0.25 0.0 r00j	0.25 0.13 r18j	0.25 0.25 r18j	0.75 0.0 r00j	0.75 0.0 r00j	0.75 0.0 r00j	0.75 0.0 r00j
08	0.88 0.88 b29r	0.88 0.88 b20r	0.88 0.88 b12r	0.88 0.88 b03r	0.88 0.88 g94b	0.88 0.88 g85b	0.88 0.88 g76b	0.88 0.88 g67b	1.0 1.0 g58b	0.88 0.88 b35r	0.88 0.75 b29r	0.88 0.75 b19r	0.88 0.75 b09r	0.88 0.75 g98b	0.88 0.75 g88b	0.88 0.75 g78b	0.88 0.75 g67b	1.0 0.88 g56b	0.88 0.88 b41r	0.88 0.75 b36r	0.88 0.63 b29r	0.88 0.63 b17r	0.88 0.63 b05r	0.88 0.63 g92b	0.88 0.63 g80b	0.88 0.63 g67b	1.0 0.75 g54b	1.0 0.88 g67b	0.88 0.75 g67b	0.75 0.63 g67b	0.63 0.5 g67b	0.5 0.38 g67b	0.38 0.25 g67b	0.25 0.13 g67b	0.13 0.0 r00j	0.13 0.13 r18j	0.88 0.0 r00j	0.88 0.0 r00j	0.88 0.0 r00j	0.88 0.0 r00j
09	1.0 1.0 b29r	1.0 1.0 b21r	1.0 1.0 b14r	1.0 1.0 b06r	1.0 1.0 g98b	1.0 1.0 g91b	1.0 1.0 g83b	1.0 1.0 g75b	1.0 1.0 g67b	1.0 1.0 b34r	1.0 0.88 b29r	1.0 0.88 b20r	1.0 0.88 b12r	1.0 0.88 b03r	1.0 0.88 g94b	1.0 0.88 g85b	1.0 0.88 g76b	1.0 0.88 g67b	1.0 1.0 b39r	1.0 0.88 b35r	1.0 0.75 b29r	1.0 0.75 b19r	1.0 0.75 b09r	1.0 0.75 g98b	1.0 0.75 g88b	1.0 0.75 g78b	1.0 0.75 g67b	1.0 1.0 g67b	0.88 0.88 g67b	0.75 0.75 g67b	0.63 0.63 g67b	0.5 0.5 g67b	0.38 0.38 g67b	0.25 0.25 g67b	0.13 0.13 g67b	0.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j
10	0.38 0.38 r18j	0.38 0.38 r47j	0.38 0.38 r76j	0.38 0.38 j06g	0.5 0.5 j25g	0.63 0.63 j37g	0.75 0.75 j44g	0.88 0.88 j50g	1.0 1.0 j54g	0.5 0.5 r18j	0.5 0.5 r40j	0.5 0.5 r62j	0.5 0.5 r83j	0.5 0.5 j06g	0.63 0.63 j21g	0.75 0.75 j32g	0.88 0.88 j39g	1.0 1.0 j44g	0.63 0.63 r18j	0.63 0.63 r35j	0.63 0.63 r53j	0.63 0.63 r70j	0.63 0.63 r88j	0.63 0.63 j06g	0.75 0.75 j19g	0.88 0.88 j28g	1.0 1.0 j35g	1.0 0.0 r00j	1.0 0.13 j06g	1.0 0.25 j06g	1.0 0.38 j06g	1.0 0.5 j06g	1.0 0.63 j06g	1.0 0.75 j06g	1.0 0.88 j06g	1.0 1.0 j06g	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j
11	0.38 0.38 b97r	0.38 0.25 r18j	0.38 0.25 r62j	0.38 0.25 j06g	0.5 0.38 j32g	0.63 0.5 j44g	0.75 0.63 j52g	0.88 0.75 j57g	1.0 0.88 j61g	0.5 0.5 r02j	0.5 0.38 r18j	0.5 0.38 r47j	0.5 0.38 r76j	0.5 0.38 j06g	0.63 0.5 j25g	0.75 0.63 j37g	0.88 0.75 j44g	1.0 0.88 j50g	0.63 0.63 r05j	0.63 0.5 r18j	0.63 0.5 r40j	0.63 0.5 r62j	0.63 0.5 r83j	0.63 0.5 j06g	0.75 0.63 j21g	0.88 0.75 j32g	1.0 0.88 j39g	1.0 0.13 b29r	0.88 0.0 r00j	0.88 0.13 j06g	0.88 0.25 j06g	0.88 0.38 j06g	0.88 0.5 j06g	0.88 0.63 j06g	0.88 0.75 j06g	0.88 0.88 j06g	0.07 0.0 r00j	0.07 0.0 r00j	0.07 0.0 r00j	0.07 0.0 r00j
12	0.38 0.38 b85r	0.38 0.25 b91r	0.38 0.13 r18j	0.38 0.13 j06g	0.5 0.25 j44g	0.63 0.38 j57g	0.75 0.5 j64g	0.88 0.63 j68g	1.0 0.75 j70g	0.5 0.5 b91r	0.5 0.38 b97r	0.5 0.25 r18j	0.5 0.25 r62j	0.5 0.25 j06g	0.63 0.38 j32g	0.75 0.5 j44g	0.88 0.63 j52g	1.0 0.75 j57g	0.63 0.63 b95r	0.63 0.5 r02j	0.63 0.38 r18j	0.63 0.38 r47j	0.63 0.38 r76j	0.63 0.38 j06g	0.75 0.5 j25g	0.88 0.63 j37g	1.0 0.75 j44g	1.0 0.25 b29r	0.88 0.13 b29r	0.75 0.0 r00j	0.75 0.13 j06g	0.75 0.25 j06g	0.75 0.38 j06g	0.75 0.5 j06g	0.75 0.63 j06g	0.75 0.75 j06g	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j
13	0.38 0.38 b72r	0.38 0.25 b72r	0.38 0.13 b72r	0.38 0.0 r00j	0.5 0.13 j83g	0.63 0.25 j83g	0.75 0.38 j83g	0.88 0.5 j83g	1.0 0.63 j83g	0.5 0.5 b81r	0.5 0.38 b85r	0.5 0.25 b91r	0.5 0.13 r18j	0.5 0.13 j06g	0.63 0.25 j44g	0.75 0.38 j57g	0.88 0.5 j64g	1.0 0.63 j68g	0.63 0.63 b87r	0.63 0.5 b91r	0.63 0.38 b97r	0.63 0.25 r18j	0.63 0.25 r62j	0.63 0.25 j06g	0.75 0.38 j32g	0.88 0.5 j44g	1.0 0.63 j52g	1.0 0.38 b29r	0.88 0.25 b29r	0.75 0.13 b29r	0.63 0.0 r00j	0.63 0.13 j06g	0.63 0.25 j06g	0.63 0.38 j06g	0.63 0.5 j06g	0.63 0.63 j06g	0.2 0.0 r00j	0.2 0.0 r00j	0.2 0.0 r00j	0.2 0.0 r00j
14	0.5 0.5 b61r	0.5 0.38 b58r	0.5 0.25 b51r	0.5 0.13 b29r	0.5 0.13 g67b	0.63 0.25 g28b	0.75 0.38 g15b	0.88 0.5 g09b	1.0 0.63 g05b	0.5 0.5 b72r	0.5 0.38 b72r	0.5 0.25 b72r	0.5 0.13 b72r	0.5 0.0 r00j	0.63 0.13 j83g	0.75 0.25 j83g	0.88 0.38 j83g	1.0 0.5 j83g	0.63 0.63 b79r	0.63 0.5 b81r	0.63 0.38 b85r	0.63 0.25 b91r	0.63 0.13 r18j	0.63 0.13 j06g	0.75 0.25 j44g	0.88 0.38 j57g	1.0 0.5 j64g	1.0 0.5 b29r	0.88 0.38 b29r	0.75 0.25 b29r	0.63 0.13 b29r	0.5 0.0 r00j	0.5 0.13 j06g	0.5 0.25 j06g	0.5 0.38 j06g	0.5 0.5 j06g	0.27 0.0 r00j	0.27 0.0 r00j	0.27 0.0 r00j	0.27 0.0 r00j
15	0.63 0.63 b55r	0.63 0.5 b51r	0.63 0.38 b43r	0.63 0.25 b29r	0.63 0.25 g98b	0.63 0.25 g67b	0.75 0.38 g41b	0.88 0.5 g28b	1.0 0.63 g21b	0.63 0.63 b63r	0.63 0.5 b61r	0.63 0.38 b58r	0.63 0.25 b51r	0.63 0.13 b29r	0.63 0.13 g67b	0.75 0.25 g28b	0.88 0.38 g15b	1.0 0.5 g09b	0.63 0.63 b72r	0.63 0.5 b72r	0.63 0.38 b72r	0.63 0.25 b72r	0.63 0.13 b72r	0.63 0.0 r00j	0.75 0.13 j83g	0.88 0.25 j83g	1.0 0.38 j83g	1.0 0.63 b29r	0.88 0.5 b29r	0.75 0.38 b29r	0.63 0.25 b29r	0.5 0.13 b29r	0.38 0.0 r00j	0.38 0.13 j06g	0.38 0.25 j06g	0.38 0.38 j06g	0.33 0.0 r00j	0.33 0.0 r00j	0.33 0.0 r00j	0.33 0.0 r00j
16	0.75 0.75 b51r	0.75 0.63 b46r	0.75 0.5 b39r	0.75 0.38 b29r	0.75 0.38 b09r	0.75 0.38 g88b	0.75 0.38 g67b	0.88 0.5 g48b	1.0 0.63 g36b	0.75 0.75 b58r	0.75 0.63 b55r	0.75 0.5 b51r	0.75 0.38 b43r	0.75 0.25 b29r	0.75 0.25 g98b	0.75 0.25 g67b	0.88 0.38 g41b	1.0 0.5 g28b	0.75 0.75 b65r	0.75 0.63 b63r	0.75 0.5 b61r	0.75 0.38 b58r	0.75 0.25 b51r	0.75 0.13 b29r	0.75 0.13 g67b	0.88 0.25 g28b	1.0 0.38 g15b	1.0 0.75 b29r	0.88 0.63 b29r	0.75 0.5 b29r	0.63 0.38 b29r	0.5 0.25 b29r	0.38 0.13 b29r	0.25 0.0 r00j	0.25 0.13 j06g	0.25 0.25 j06g	0.4 0.0 r00j	0.4 0.0 r00j	0.4 0.0 r00j	0.4 0.0 r00j
17	0.88 0.88 b47r	0.88 0.75 b43r	0.88 0.63 b37r	0.88 0.5 b29r	0.88 0.5 b14r	0.88 0.5 g98b	0.88 0.5 g83b	0.88 0.5 g67b	1.0 0.63 g52b	0.88 0.88 b54r	0.88 0.75 b51r	0.88 0.63 b46r	0.88 0.5 b39r	0.88 0.38 b29r	0.88 0.38 b09r	0.88 0.38 g88b	0.88 0.38 g67b	1.0 0.5 g48b	0.88 0.88 b60r	0.88 0.75 b58r	0.88 0.63 b55r	0.88 0.5 b51r	0.88 0.38 b43r	0.88 0.25 b29r	0.88 0.25 g98b	0.88 0.25 g67b	1.0 0.38 g41b	1.0 0.88 b29r	0.88 0.75 b29r	0.75 0.63 b29r	0.63 0.5 b29r	0.5 0.38 b29r	0.38 0.25 b29r	0.25 0.13 b29r	0.13 0.0 r00j	0.13 0.13 j06g	0.47 0.0 r00j	0.47 0.0 r00j	0.47 0.0 r00j	0.47 0.0 r00j
18	1.0 1.0 b45r	1.0 0.88 b41r	1.0 0.75 b36r	1.0 0.63 b29r	1.0 0.63 b17r	1.0 0.63 b05r	1.0 0.63 g92b	1.0 0.63 g80b	1.0 0.63 g67b	1.0 1.0 b51r	1.0 0.88 b47r	1.0 0.75 b43r	1.0 0.63 b37r	1.0 0.5 b29r	1.0 0.5 b14r	1.0 0.5 g98b	1.0 0.5 g83b	1.0 0.5 g67b	1.0 1.0 b56r	1.0 0.88 b54r	1.0 0.75 b51r	1.0 0.63 b46r	1.0 0.5 b39r	1.0 0.38 b29r	1.0 0.38 b09r	1.0 0.38 g88b	1.0 0.38 g67b	1.0 1.0 b29r	0.88 0.88 b29r	0.75 0.75 b29r	0.63 0.63 b29r	0.5 0.5 b29r	0.38 0.38 b29r	0.25 0.25 b29r	0.13 0.13 b29r	0.0 0.0 r00j	0.53 0.0 r00j	0.53 0.0 r00j	0.53 0.0 r00j	0.53 0.0 r00j
19	0.75 0.75 r18j	0.75 0.75 r33j	0.75 0.75 r47j	0.75 0.75 r62j	0.75 0.75 r76j	0.75 0.75 r91j	0.75 0.75 j06g	0.88 0.88 j17g	1.0 1.0 j25g	0.88 0.88 r18j	0.88 0.88 r30j	0.88 0.88 r43j	0.88 0.88 r55j	0.88 0.88 r68j	0.88 0.88 r80j	0.88 0.88 r93j	0.88 0.88 j06g	1.0 1.0 j15g	1.0 1.0 r18j	1.0 1.0 r29j	1.0 1.0 r40j	1.0 1.0 r51j	1.0 1.0 r62j	1.0 1.0 r72j	1.0 1.0 r83j	1.0 1.0 r94j	1.0 1.0 j06g	1.0 0.0 r00j	1.0 0.13 j83g	1.0 0.25 j83g	1.0 0.38 j83g	1.0 0.5 j83g	1.0 0.63 j83g	1.0 0.75 j83g	1.0 0.88 j83g	1.0 1.0 j83g	0.6 0.0 r00j	0.6 0.0 r00j	0.6 0.0 r00j	0.6 0.0 r00j
20	0.75 0.75 r07j	0.75 0.63 r18j	0.75 0.63 r35j	0.75 0.63 r53j	0.75 0.63 r70j	0.75 0.63 r88j	0.75 0.63 j06g	0.88 0.75 j19g	1.0 0.88 j28g	0.88 0.88 r09j	0.88 0.75 r18j	0.88 0.75 r33j	0.88 0.75 r47j	0.88 0.75 r62j	0.88 0.75 r76j	0.88 0.75 r91j	0.88 0.75 j06g	1.0 0.88 j17g	1.0 1.0 r10j	1.0 0.88 r18j	1.0 0.88 r30j	1.0 0.88 r43j	1.0 0.88 r55j	1.0 0.88 r68j	1.0 0.88 r80j	1.0 0.88 r93j	1.0 0.88 j06g	1.0 0.13 b72r	0.88 0.0 r00j	0.88 0.13 j83g	0.88 0.25 j83g	0.88 0.38 j83g	0.88 0.5 j83g	0.88 0.63 j83g	0.88 0.75 j83g	0.88 0.88 j83g	0.67 0.0 r00j	0.67 0.0 r00j	0.67 0.0 r00j	0.67 0.0 r00j
21	0.75 0.75 b97r	0.75 0.63 r05j	0.75 0.5 r18j	0.75 0.5 r40j	0.75 0.5 r62j	0.75 0.5 r83j	0.75 0.5 j06g	0.88 0.63 j21g	1.0 0.75 j32g	0.88 0.88 b99r	0.88 0.75 r07j	0.88 0.63 r18j	0.88 0.63 r35j	0.88 0.63 r53j	0.88 0.63 r70j	0.88 0.63 r88j	0.88 0.63 j06g	1.0 0.75 j19g	1.0 1.0 r02j	1.0 0.88 r09j	1.0 0.75 r18j	1.0 0.75 r33j	1.0 0.75 r47j	1.0 0.75 r62j	1.0 0.75 r76j	1.0 0.75 r91j	1.0 0.75 j06g	1.0 0.25 b72r	0.88 0.13 b72r	0.75 0.0 r00j	0.75 0.13 j83g	0.75 0.25 j83g	0.75 0.38 j83g	0.75 0.5 j83g	0.75 0.63 j83g	0.75 0.75 j83g	0.73 0.0 r00j	0.73 0.0 r00j	0.73 0.0 r00j	0.73 0.0 r00j
22	0.75 0.75 b91r	0.75 0.63 b95r	0.75 0.5 r02j	0.75 0.38 r18j	0.75 0.38 r47j	0.75 0.38 r76j	0.75 0.38 j06g	0.88 0.5 j25g	1.0 0.63 j37g	0.88 0.88 b94r	0.88 0.75 b97r	0.88 0.63 r05j	0.88 0.5 r18j	0.88 0.5 r40j	0.88 0.5 r62j	0.88 0.5 r83j	0.88 0.5 j06g	1.0 0.63 j21g	1.0 1.0 b96r	1.0 0.88 b99r	1.0 0.75 r07j	1.0 0.63 r18j	1.0 0.63 r35j	1.0 0.63 r53j	1.0 0.63 r70j	1.0 0.63 r88j	1.0 0.63 j06g	1.0 0.38 b72r	0.88 0.25 b72r	0.75 0.13 b72r	0.63 0.0 r00j	0.63 0.13 j83g	0.63 0.25 j83g	0.63 0.38 j83g	0.63 0.5 j83g	0.63 0.63 j83g	0.8 0.0 r00j	0.8 0.0 r00j	0.8 0.0 r00j	0.8 0.0 r00j
23	0.75 0.75 b85r	0.75 0.63 b87r	0.75 0.5 b91r	0.75 0.38 b97r	0.75 0.25 r18j	0.75 0.25 r62j	0.75 0.25 j06g	0.88 0.38 j32g	1.0 0.5 j44g	0.88 0.88 b88r	0.88 0.75 b91r	0.88 0.63 b95r	0.88 0.5 r02j	0.88 0.38 r18j	0.88 0.38 r47j	0.88 0.38 r76j	0.88 0.38 j06g	1.0 0.5 j25g	1.0 1.0 b91r	1.0 0.88 b94r	1.0 0.75 b97r	1.0 0.63 r05j	1.0 0.5 r18j	1.0 0.5 r40j	1.0 0.5 r62j	1.0 0.5 r83j	1.0 0.5 j06g	1.0 0.5 b72r	0.88 0.38 b72r	0.75 0.25 b72r	0.63 0.13 b72r	0.5 0.0 r00j	0.5 0.13 j83g	0.5 0.25 j83g	0.5 0.38 j83g	0.5 0.5 j83g	0.87 0.0 r00j	0.87 0.0 r00j	0.87 0.0 r00j	0.87 0.0 r00j
24	0.75 0.75 b78r	0.75 0.63 b79r	0.75 0.5 b81r	0.75 0.38 b85r	0.75 0.25 b91r	0.75 0.13 r18j	0.75 0.13 j06g	0.88 0.25 j44g	1.0 0.38 j57g	0.88 0.88 b83r	0.88 0.75 b85r	0.88 0.63 b87r	0.88 0.5 b91r	0.88 0.38 b97r	0.88 0.25 r18j	0.88 0.25 r62j	0.88 0.25 j06g	1.0 0.38 j32g	1.0 1.0 b86r	1.0 0.88 b88r	1.0 0.75 b91r	1.0 0.63 b95r	1.0 0.5 r02j	1.0 0.38 r18j	1.0 0.38 r47j	1.0 0.38 r76j	1.0 0.38 j06g	1.0 0.63 b72r	0.88 0.5 b72r	0.75 0.38 b72r	0.63 0.25 b72r	0.5 0.13 b72r	0.38 0.0 r00j	0.38 0.13 j83g	0.38 0.25 j83g	0.38 0.38 j83g	0.93 0.0 r00j	0.93 0.0 r00j	0.93 0.0 r00j	0.93 0.0 r00j
25	0.75 0.75 b72r	0.75 0.63 b72r	0.75 0.5 b72r	0.75 0.38 b72r	0.75 0.25 b72r	0.75 0.13 b72r	0.75 0.0 r00j	0.88 0.13 j83g	1.0 0.25 j83g	0.88 0.88 b77r	0.88 0.75 b78r	0.88 0.63 b79r	0.88 0.5 b81r	0.88 0.38 b85r	0.88 0.25 b91r	0.88 0.13 r18j	0.88 0.13 j06g	1.0 0.25 j44g	1.0 1.0 b81r	1.0 0.88 b83r	1.0 0.75 b85r	1.0 0.63 b87r	1.0 0.5 b91r	1.0 0.38 b97r	1.0 0.25 r18j	1.0 0.25 r62j	1.0 0.25 j06g	1.0 0.75 b72r	0.88 0.63 b72r	0.75 0.5 b72r	0.63 0.38 b72r	0.5 0.25 b72r	0.38 0.13 b72r	0.25 0.0 r00j	0.25 0.13 j83g	0.25 0.25 j83g	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j
26	0.88 0.88 b66r	0.88 0.75 b65r	0.88 0.63 b63r	0.88 0.5 b61r	0.88 0.38 b58r	0.88 0.25 b51r	0.88 0.13 b29r	0.88 0.13 g67b	1.0 0.25 g28b	0.88 0.88 b72r	0.88 0.75 b72r	0.88 0.63 b72r	0.88 0.5 b72r	0.88 0.38 b72r	0.88 0.25 b72r	0.88 0.13 b72r	0.88 0.0 r00j	1.0 0.13 j83g	1.0 1.0 b77r	1.0 0.88 b77r	1.0 0.75 b78r	1.0 0.63 b79r	1.0 0.5 b81r	1.0 0.38 b85r	1.0 0.25 b91r	1.0 0.13 r18j	1.0 0.13 j06g	1.0 0.88 b72r	0.88 0.75 b72r	0.75 0.63 b72r	0.63 0.5 b72r	0.5 0.38 b72r	0.38 0.25 b72r	0.25 0.13 b72r	0.13 0.0 r00j	0.13 0.13 j83g	0.0 0.0 r00j	1.0 1.0 r18j	1.0 1.0 j06g	1.0 1.0 j83g
27	1.0 1.0 b61r	1.0 0.88 b60r	1.0 0.75 b58r	1.0 0.63 b55r	1.0 0.5 b51r	1.0 0.38 b43r	1.0 0.25 b29r	1.0 0.25 g98b	1.0 0.25 g67b	1.0 1.0 b66r	1.0 0.88 b66r	1.0 0.75 b65r	1.0 0.63 b63r	1.0 0.5 b61r	1.0 0.38 b58r	1.0 0.25 b51r	1.0 0.13 b29r	1.0 0.13 g67b	1.0 1.0 b72r	1.0 0.88 b72r	1.0 0.75 b72r	1.0 0.63 b72r	1.0 0.5 b72r	1.0 0.38 b72r	1.0 0.25 b72r	1.0 0.13 b72r	1.0 0.0 r00j	1.0 1.0 b72r	0.88 0.88 b72r	0.75 0.75 b72r	0.63 0.63 b72r	0.5 0.5 b72r	0.38 0.38 b72r	0.25 0.25 b72r	0.13 0.13 b72r	0.0 0.0 r00j	1.0 0.0 r00j	1.0 1.0 g67b	1.0 1.0 b29r	1.0 1.0 b72r

BAM registration: 20081001-Ee65/10L/L65E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

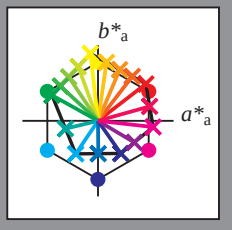
BAM-test chart Ee65; Colorimetric systems, Page 144/198
D65: colour scales and 9 data tables for 16 hues *o00y* to *m75o*

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

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 0.97

ORS18_95aM; adapted (a) CIELAB data

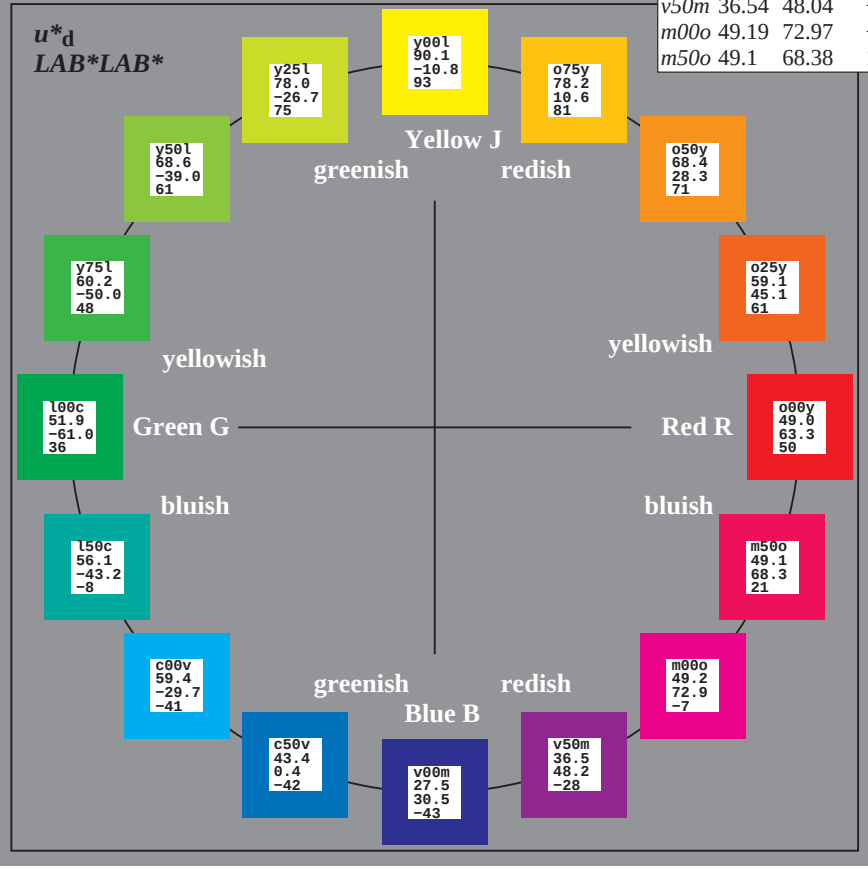
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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

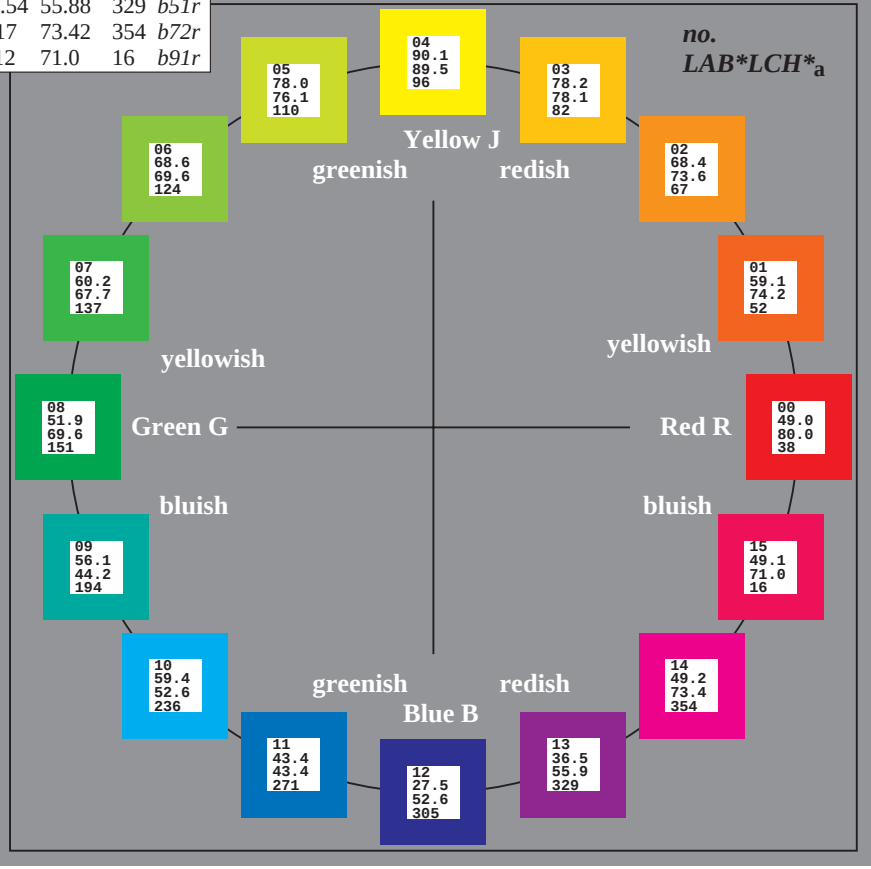


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95M; CIELAB data

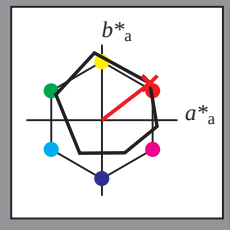
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.105**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r18j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

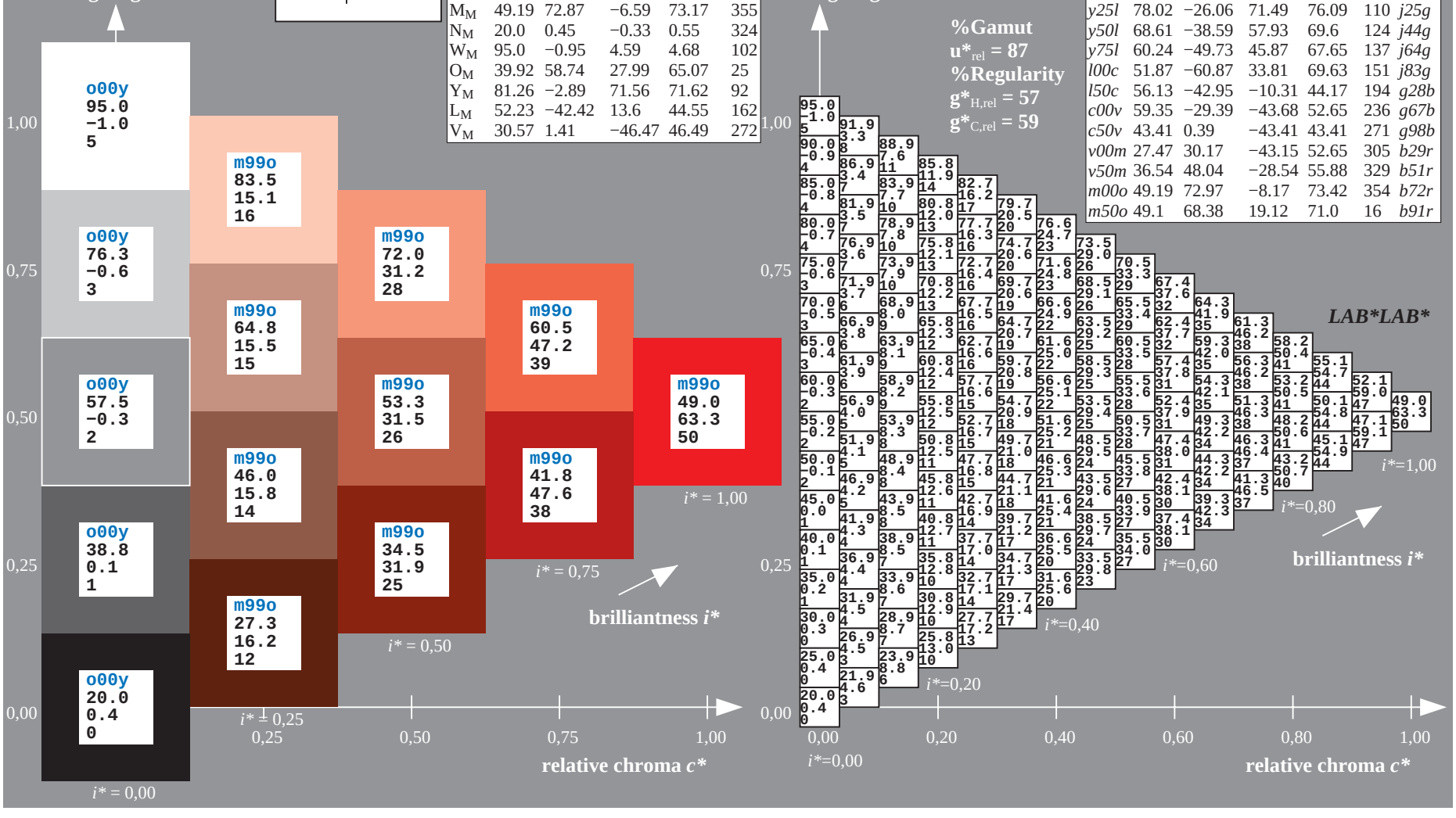
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 63 49
*LAB*LCH**$_{Ma}$: 49 80 37
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.18 0.0
triangle lightness *t**

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

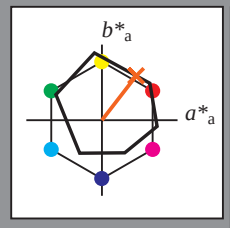
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r40j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

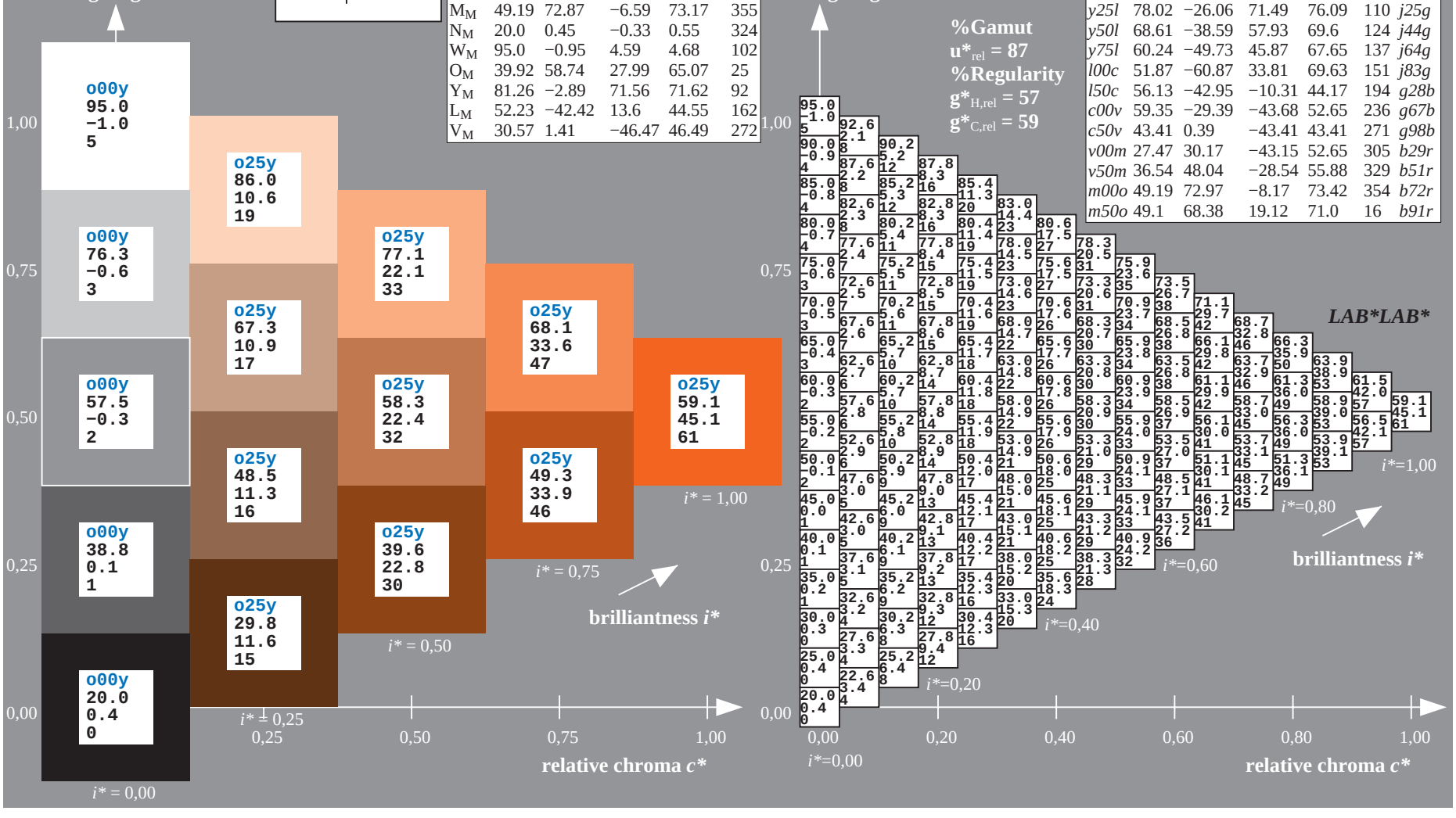
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 45 59
*LAB*LCH**$_{Ma}$: 59 74 52
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.4 0.0
triangle lightness *t**

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

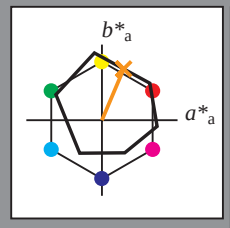
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r62j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

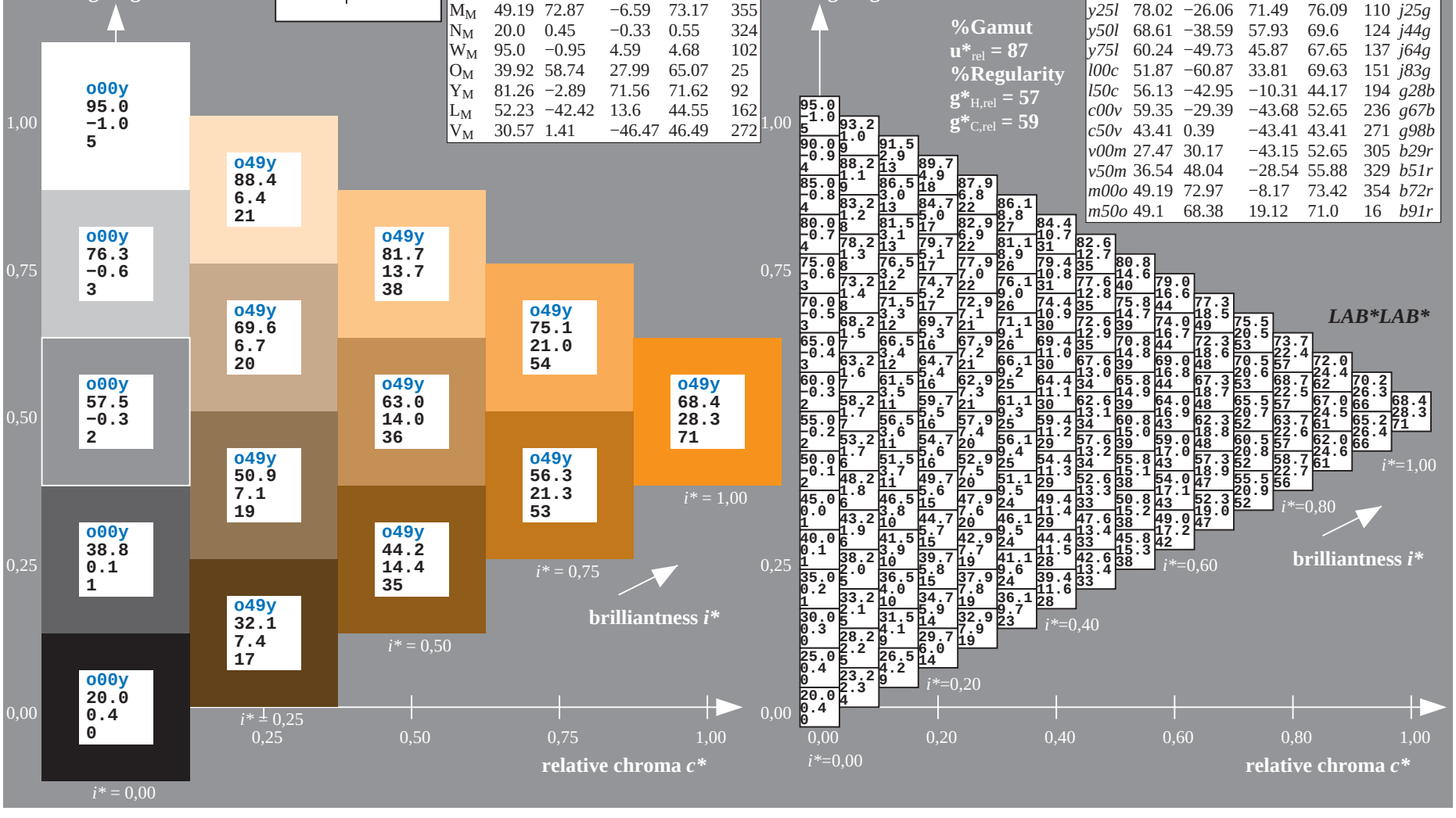
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 68 29 68
*LAB*LCH**$_{Ma}$: 68 74 67
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.62 0.0
triangle lightness *t**

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

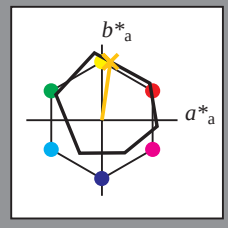
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r83j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

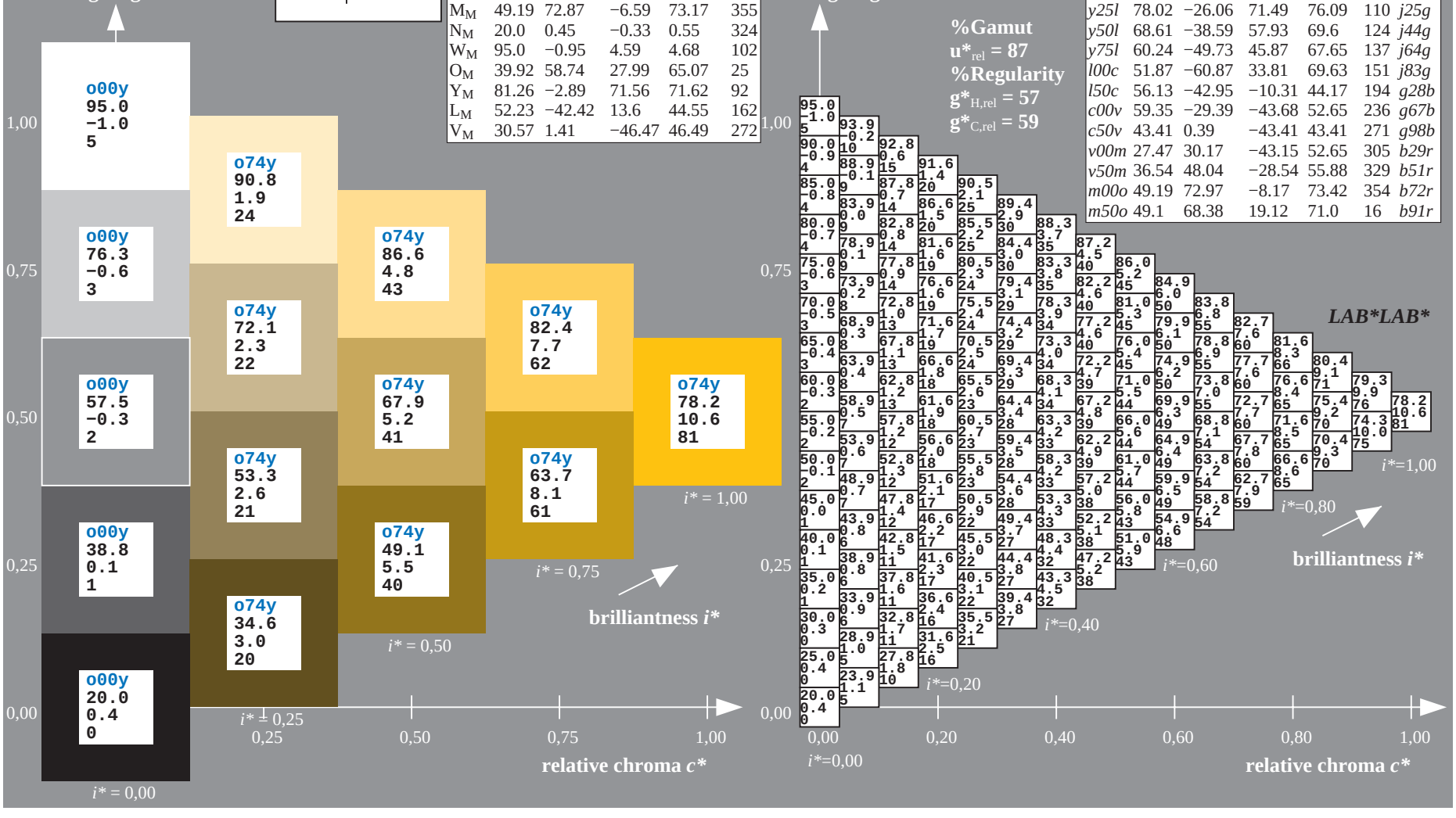
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 11 77
*LAB*LCH**$_{Ma}$: 78 78 81
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.84 0.0
triangle lightness *t**

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

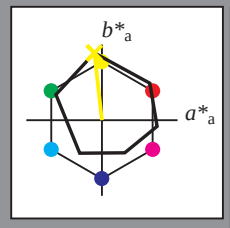
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

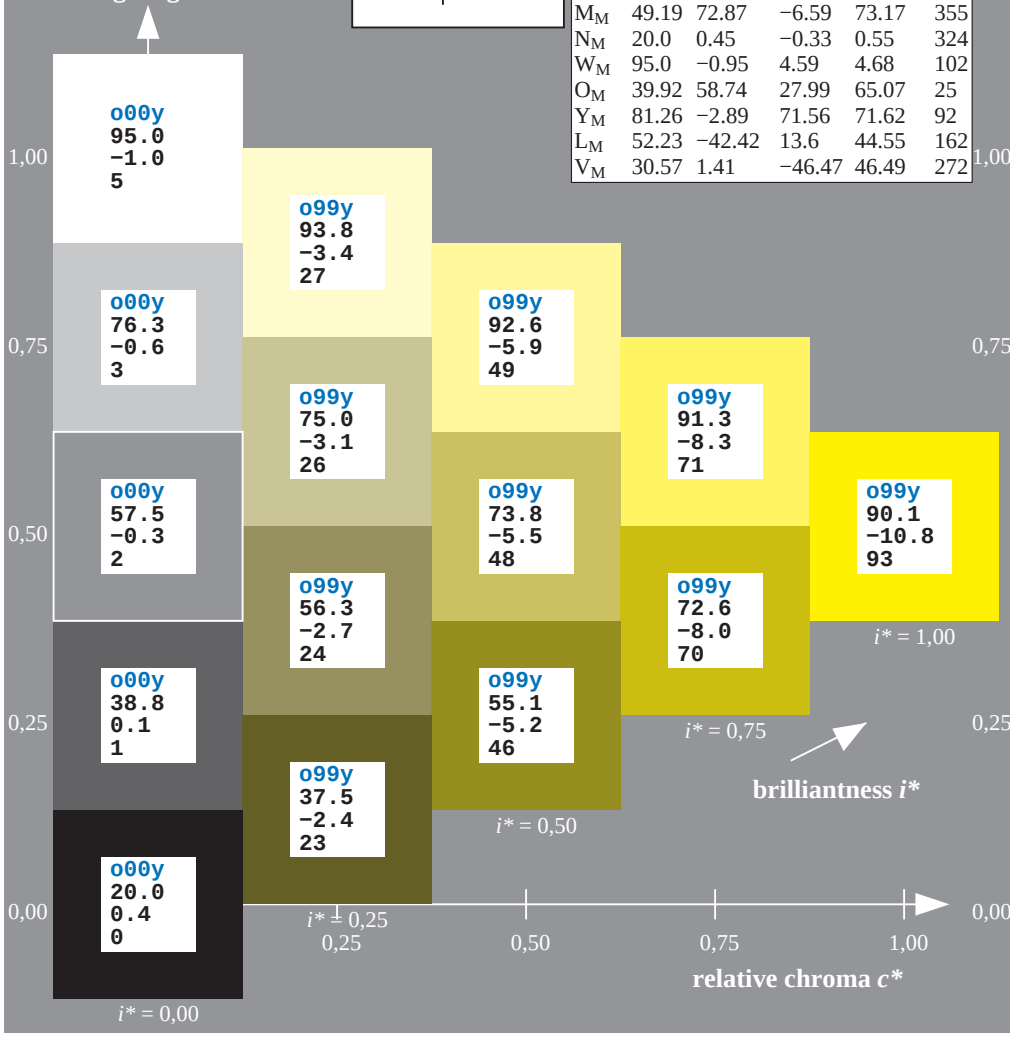
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

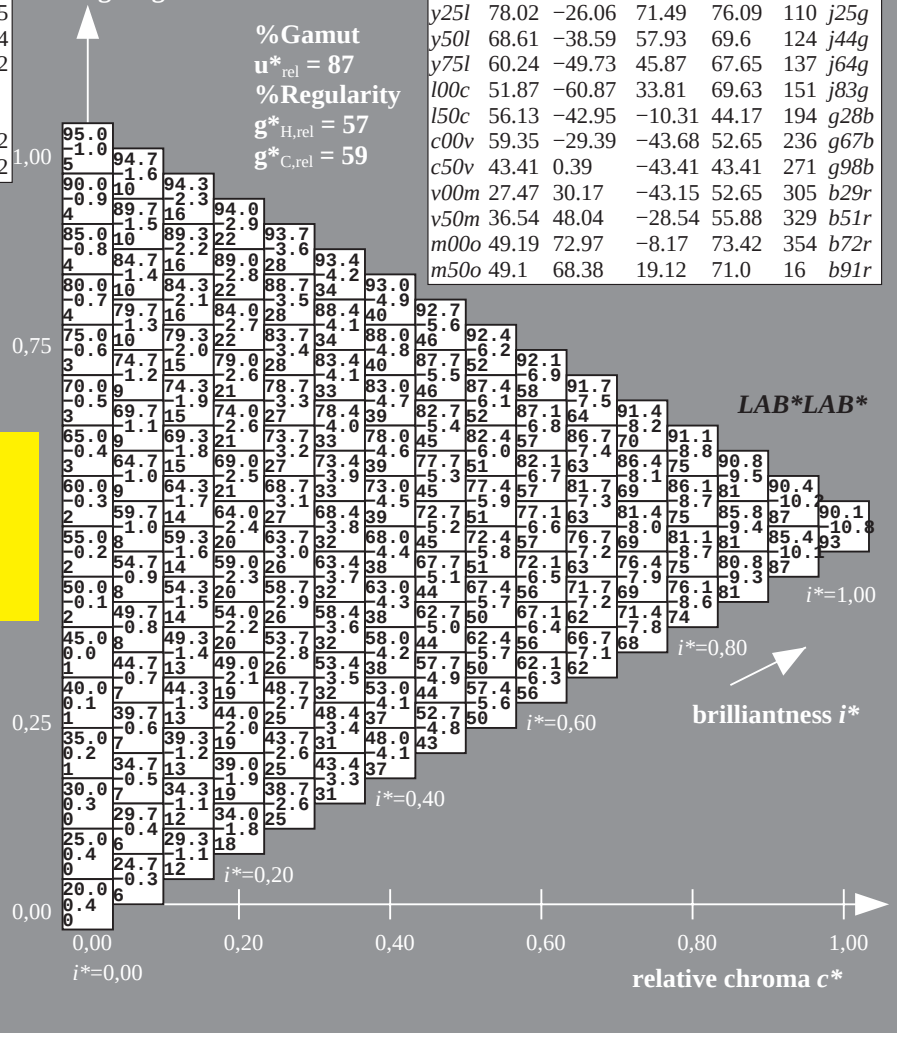
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 90 −10 89
*LAB*LCH**$_{Ma}$: 90 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

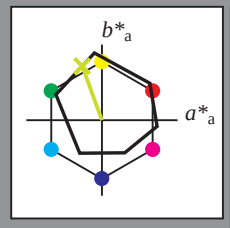
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j25g$
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95M; CIELAB data

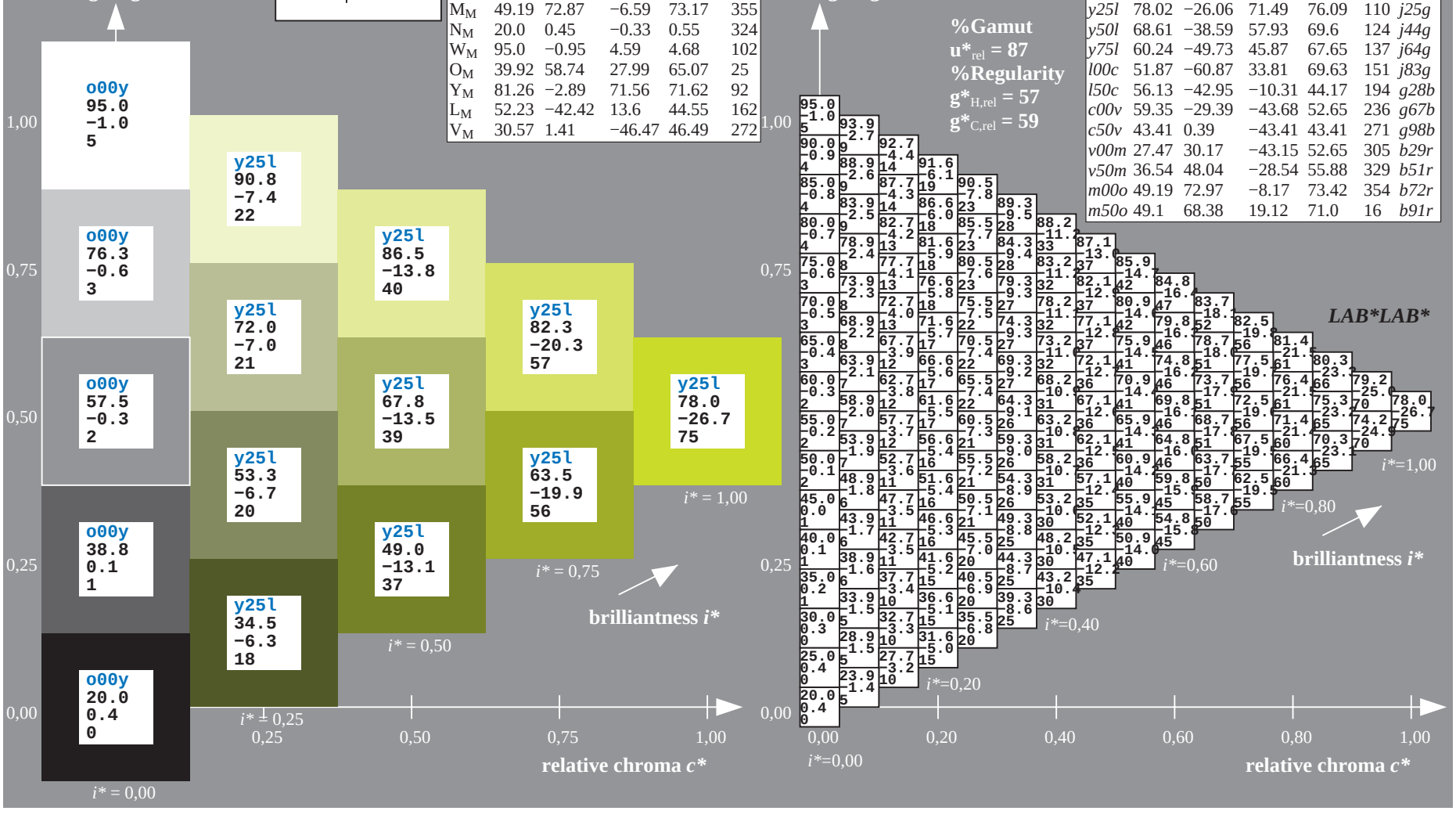
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 78 −26 71
$LAB^*LCH^*_{Ma}$: 78 76 110
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
triangle lightness *t**

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

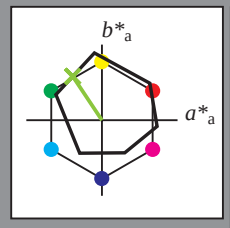
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.344**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j44g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

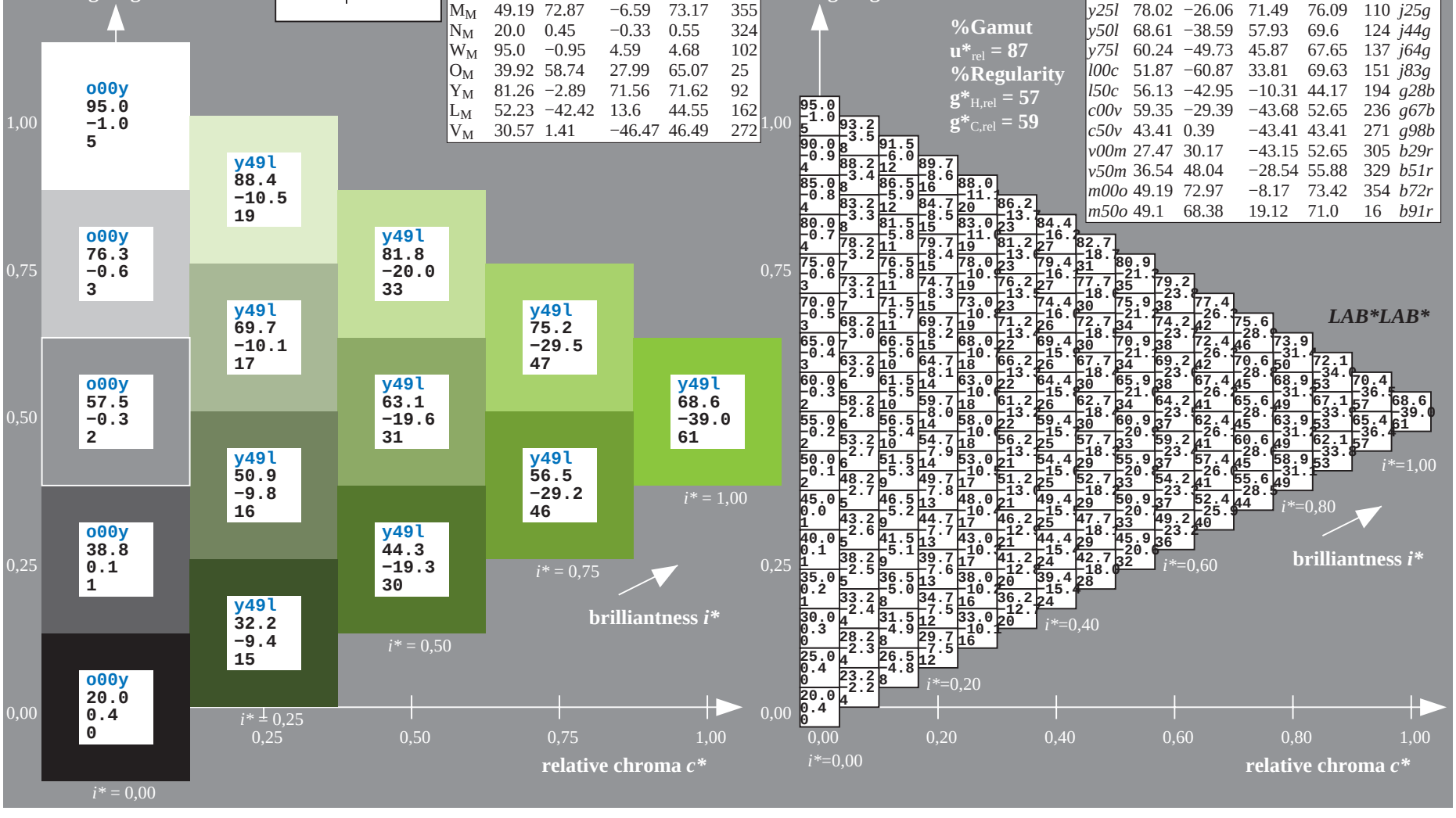
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 69 −39 58
*LAB*LCH**$_{Ma}$: 69 70 123
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.55 1.0 0.0
triangle lightness *t**

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

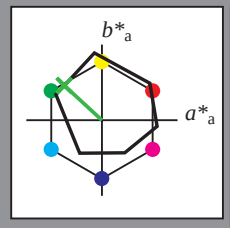
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j64g*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95M; CIELAB data

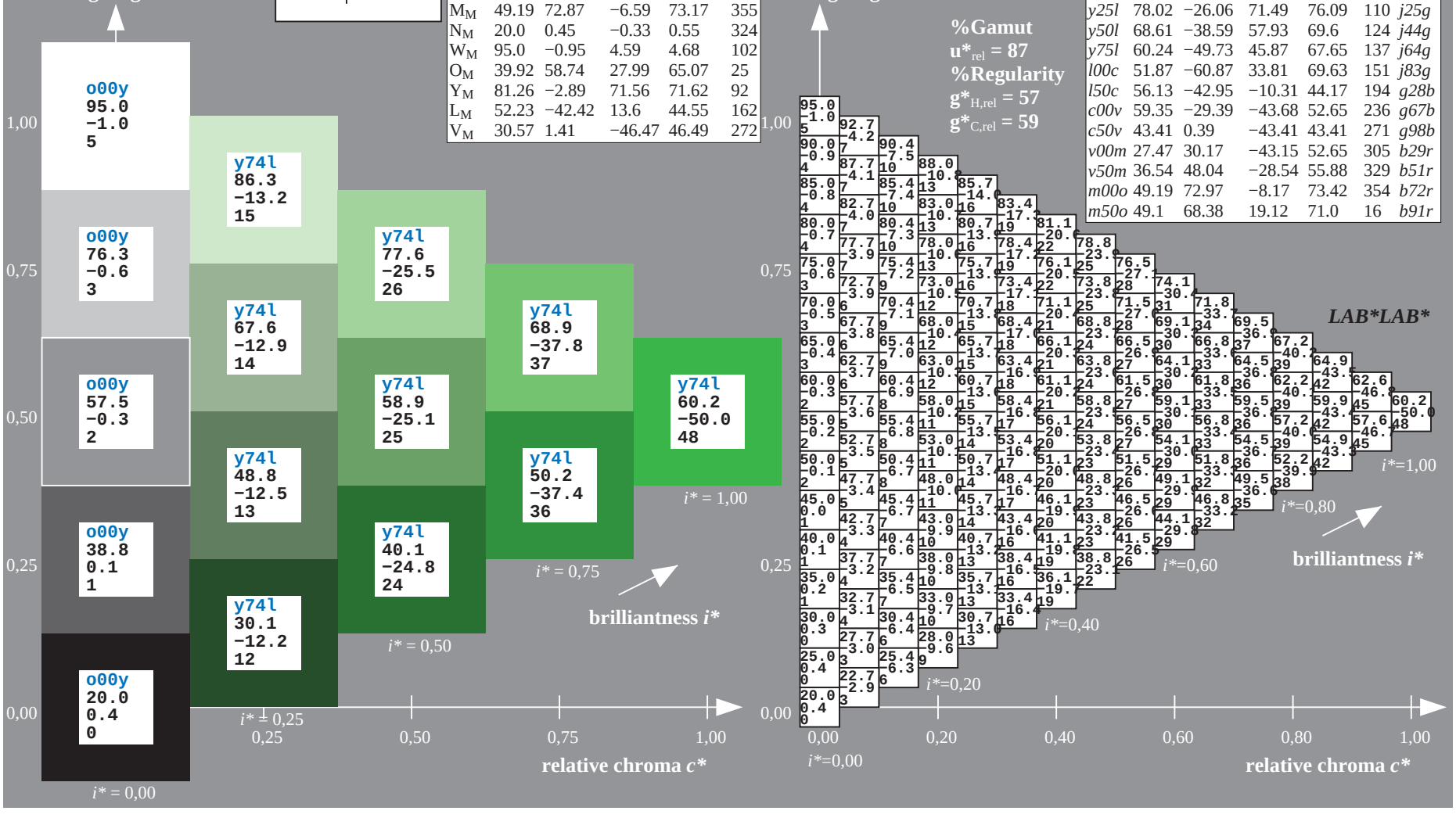
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −50 46
*LAB*LCH**$_{Ma}$: 60 68 137
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.36 1.0 0.0
triangle lightness *t**

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

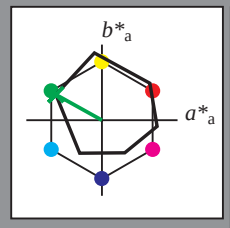
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j83g*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95M; CIELAB data

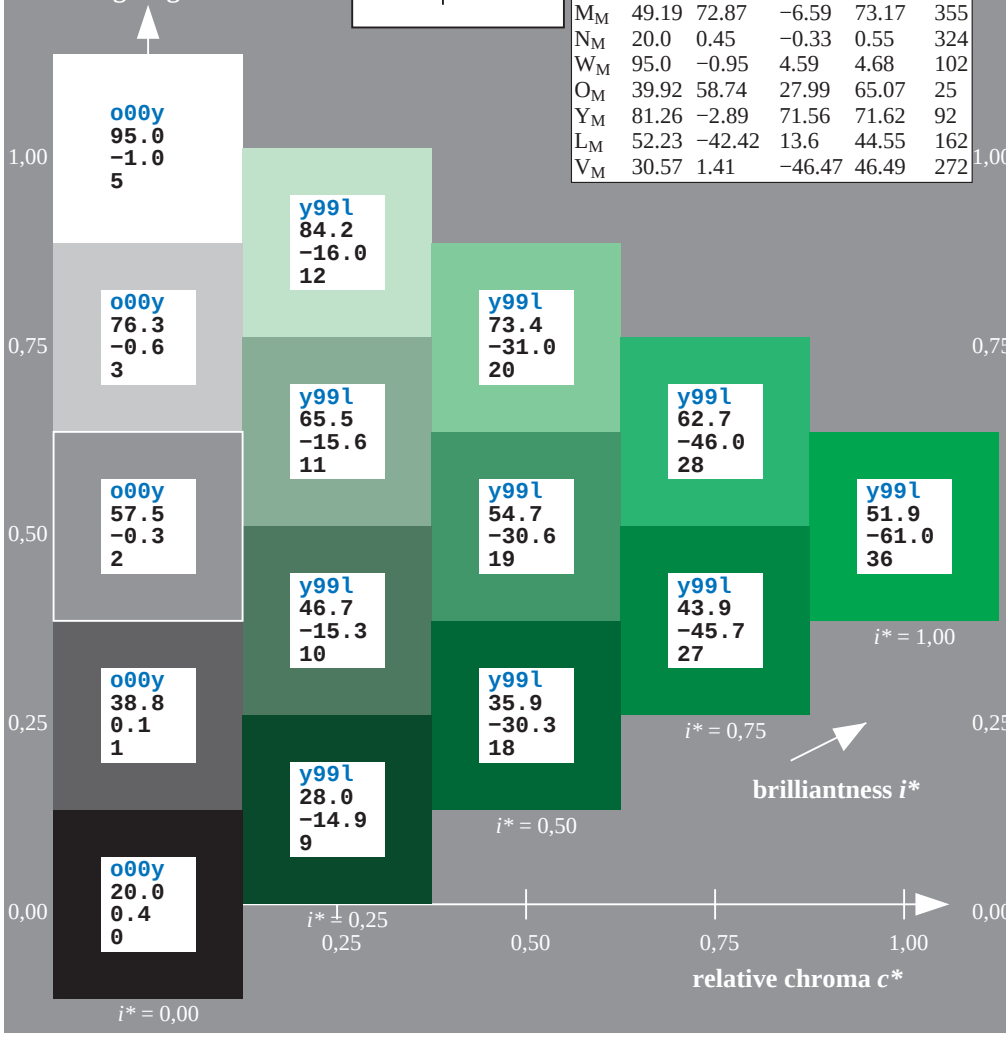
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

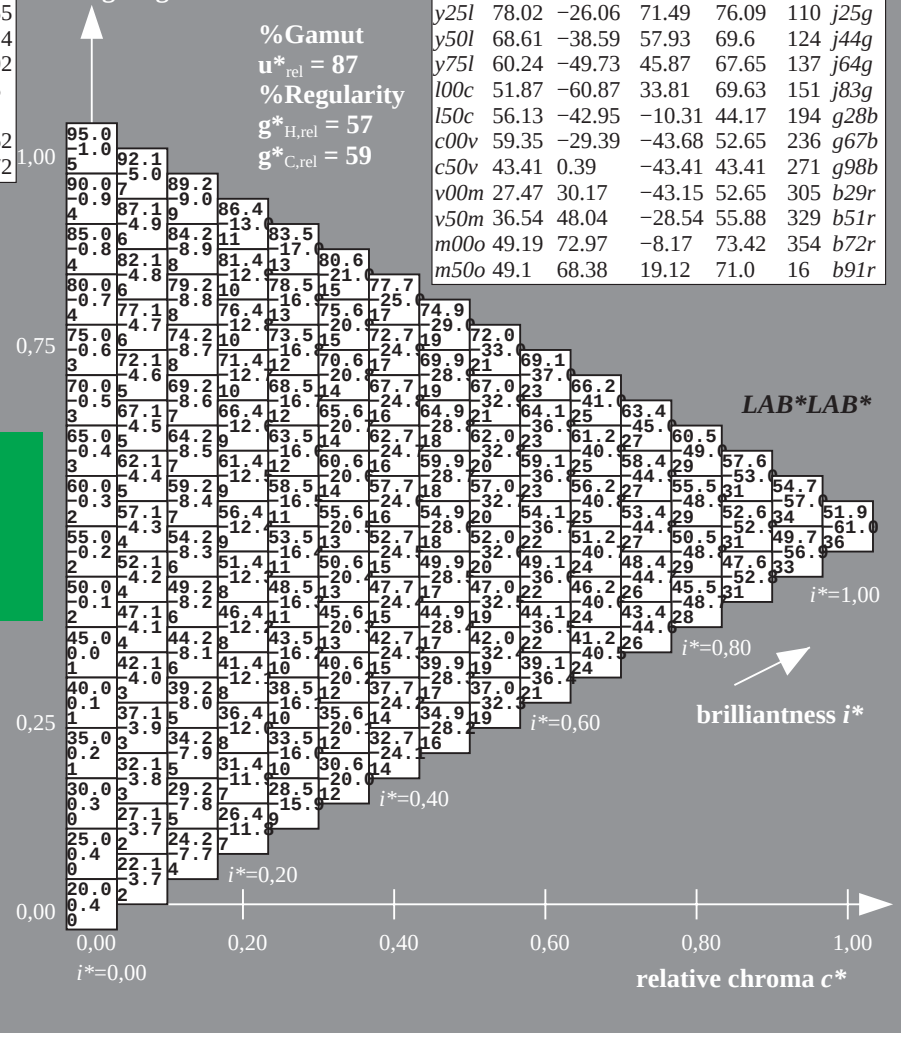
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 52 −61 34
$LAB^*LCH^*_{Ma}$: 52 70 150
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.16 1.0 0.0
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

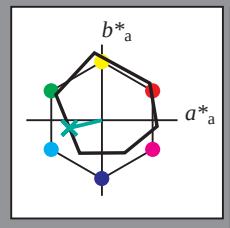
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.538**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

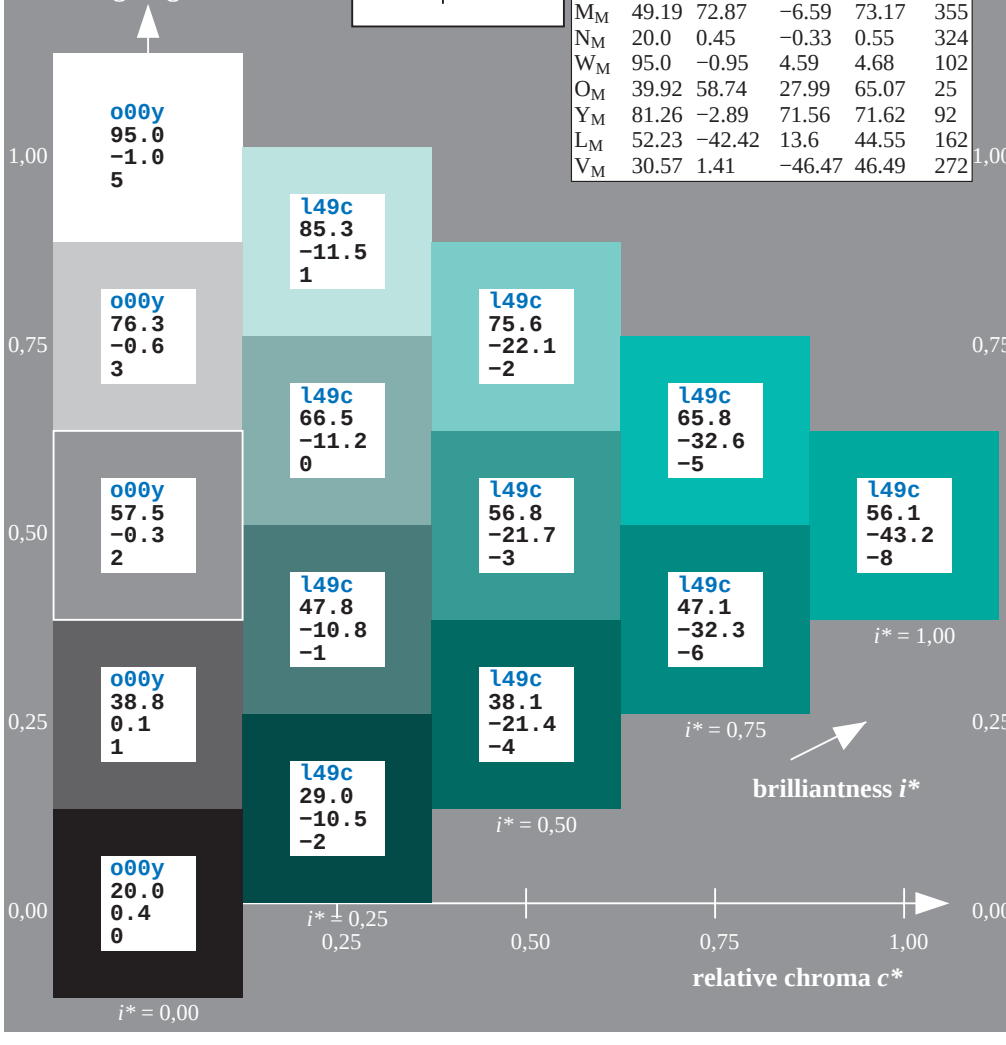
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

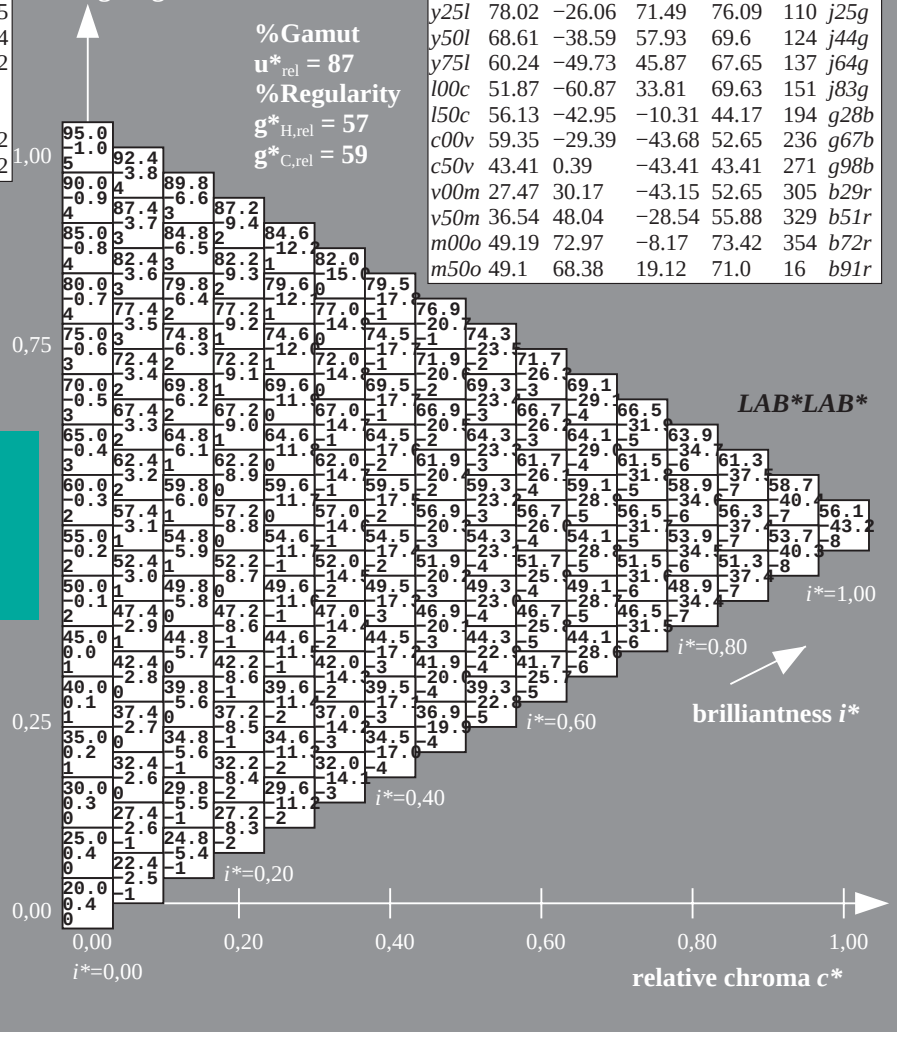
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 −43 −10
*LAB*LCH**$_{Ma}$: 56 44 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

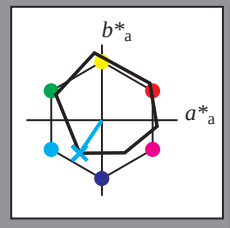
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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





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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g67b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

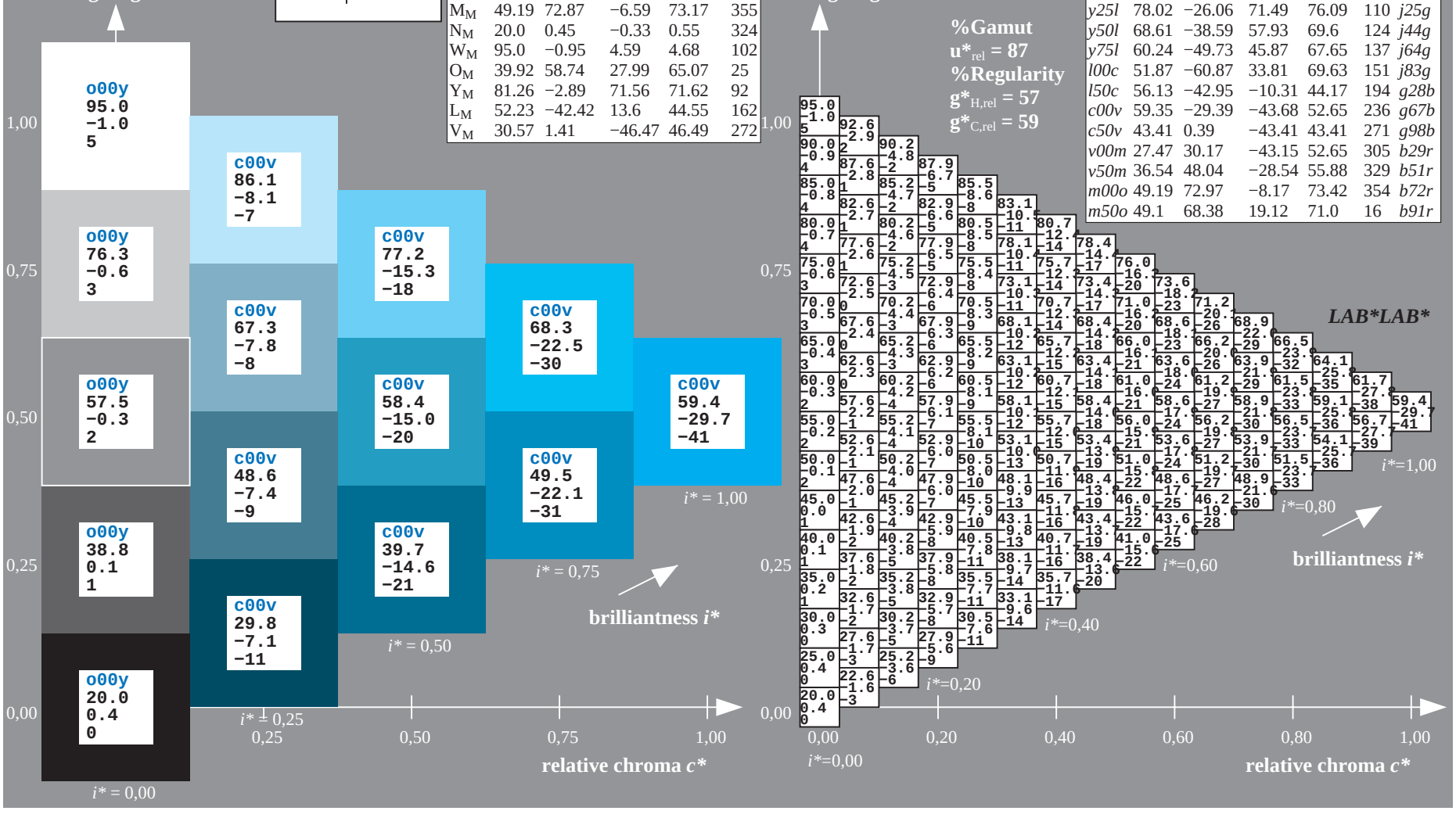
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 −29 −44
*LAB*LCH**$_{Ma}$: 59 53 236
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.65 1.0
triangle lightness *t**

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

u^*_d = *c00v*
LAB*LAB*

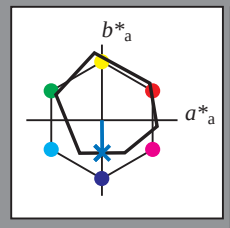
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g98b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

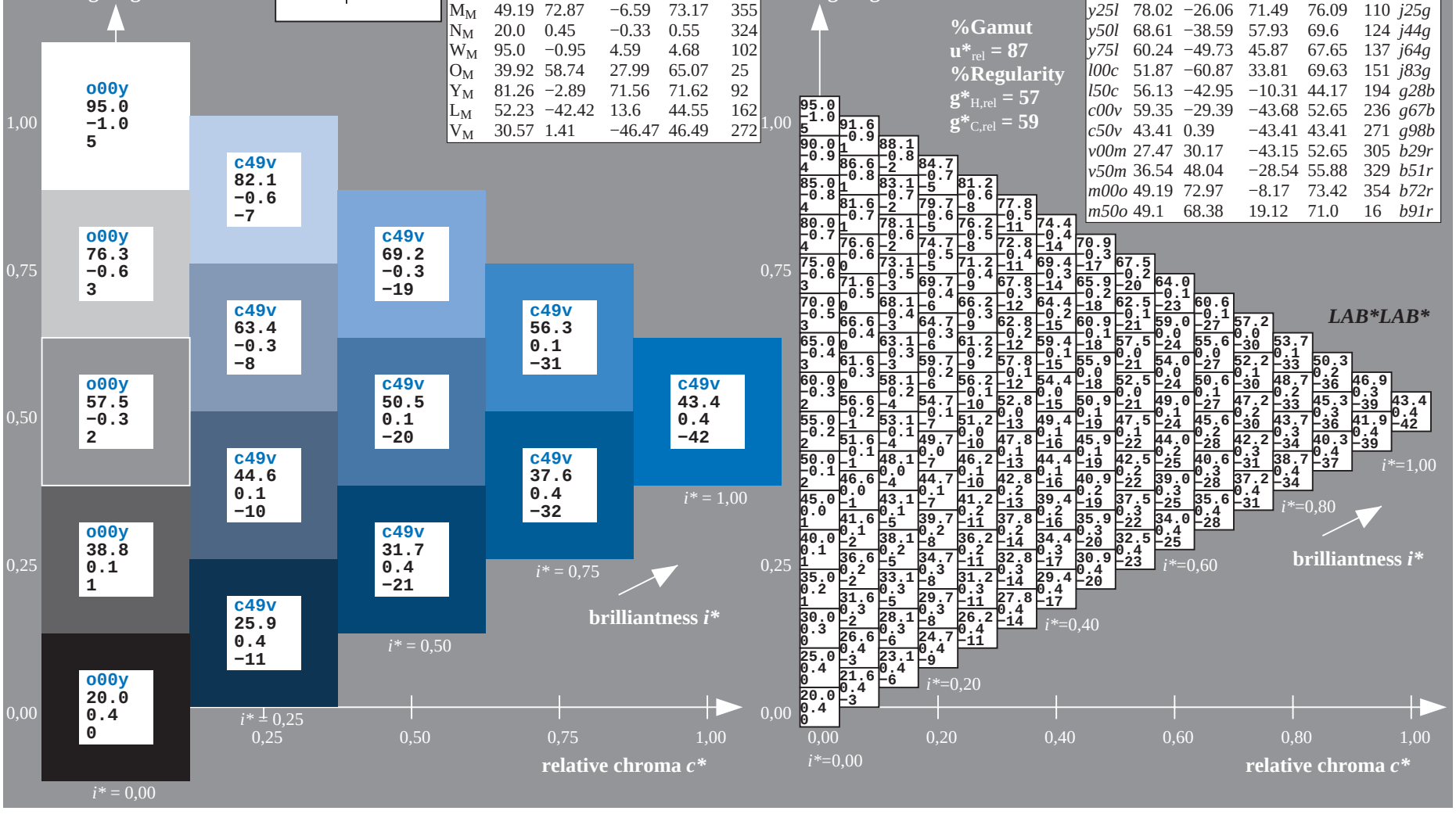
u^*_d	*L*=L**	*a**	*b**	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 0 −43
*LAB*LCH**$_{Ma}$: 43 43 270
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.02 1.0
triangle lightness *t**

ORS18_95aM; adapted (a) CIELAB data

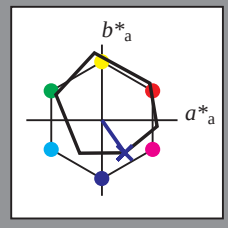
u^*_d	*L*=L**$_a$	*a**$_a$	*b**$_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*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

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b29r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

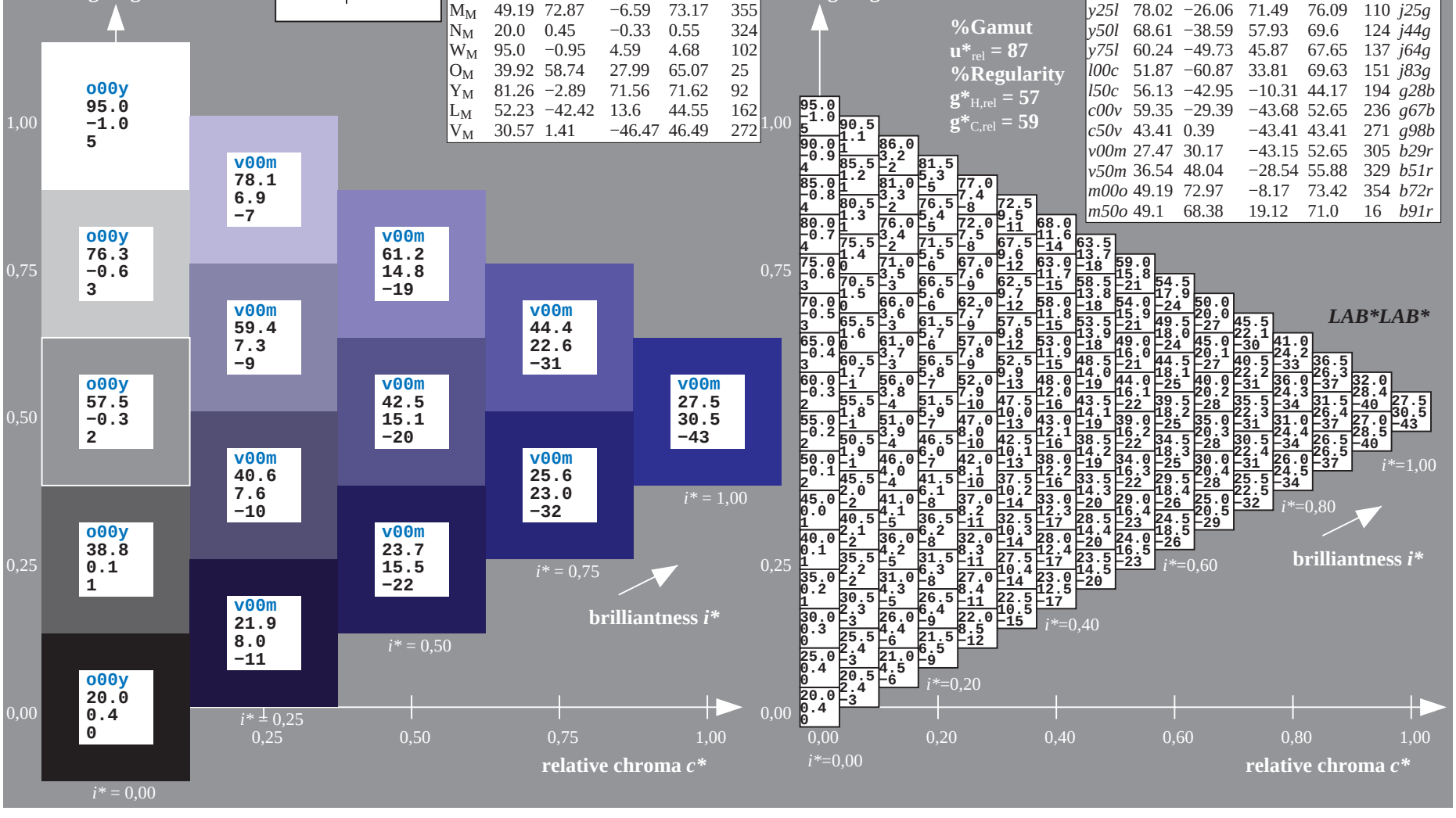
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 27 30 −43
*LAB*LCH**$_{Ma}$: 27 53 304
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.58 0.0 1.0
triangle lightness *t**

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

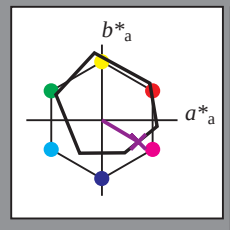
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b51r$
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

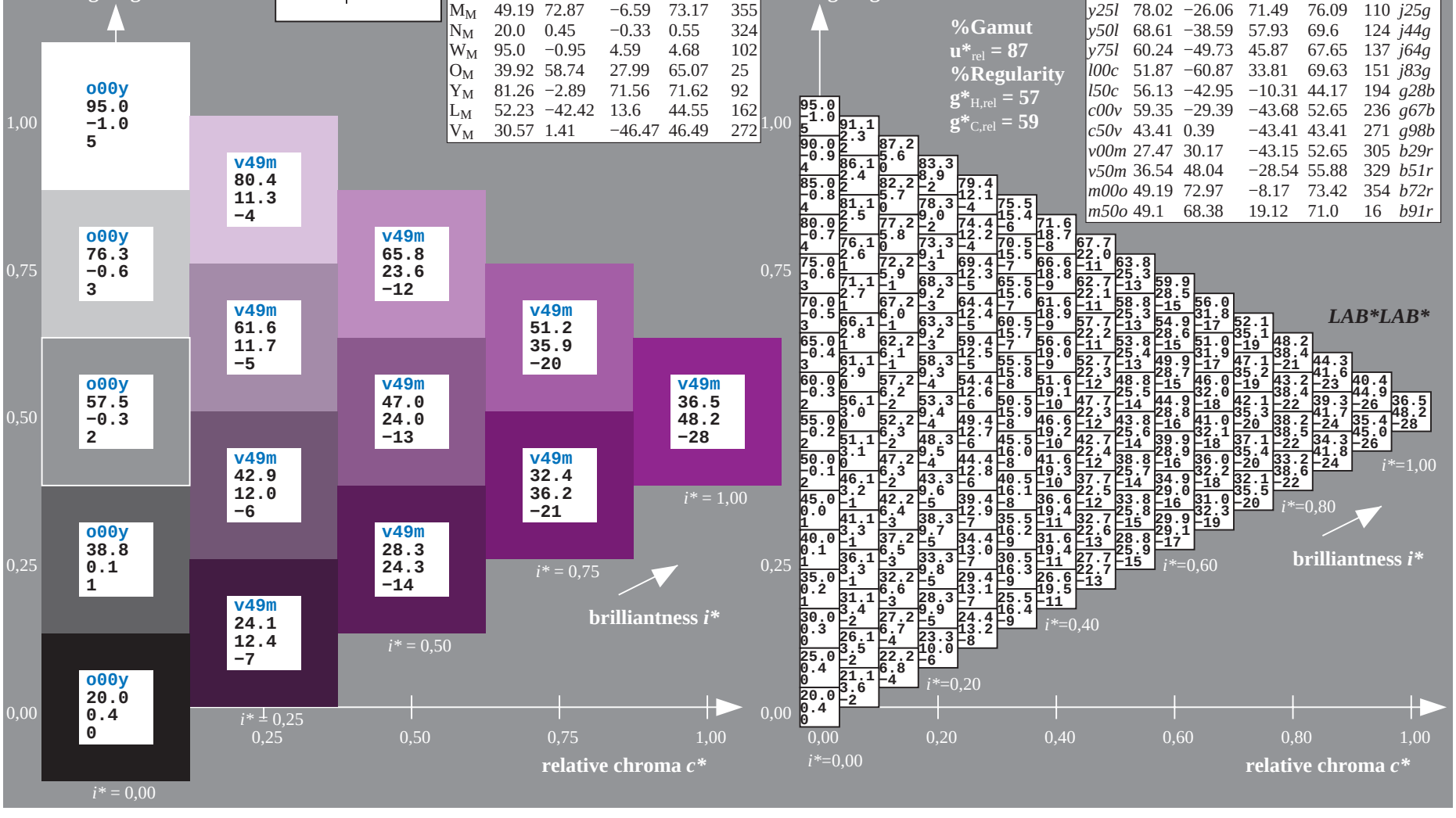
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 37 48 −29
$LAB^*LCH^*_{Ma}$: 37 56 329
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.99
triangle lightness *t**

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

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

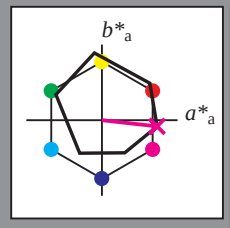
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b72r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

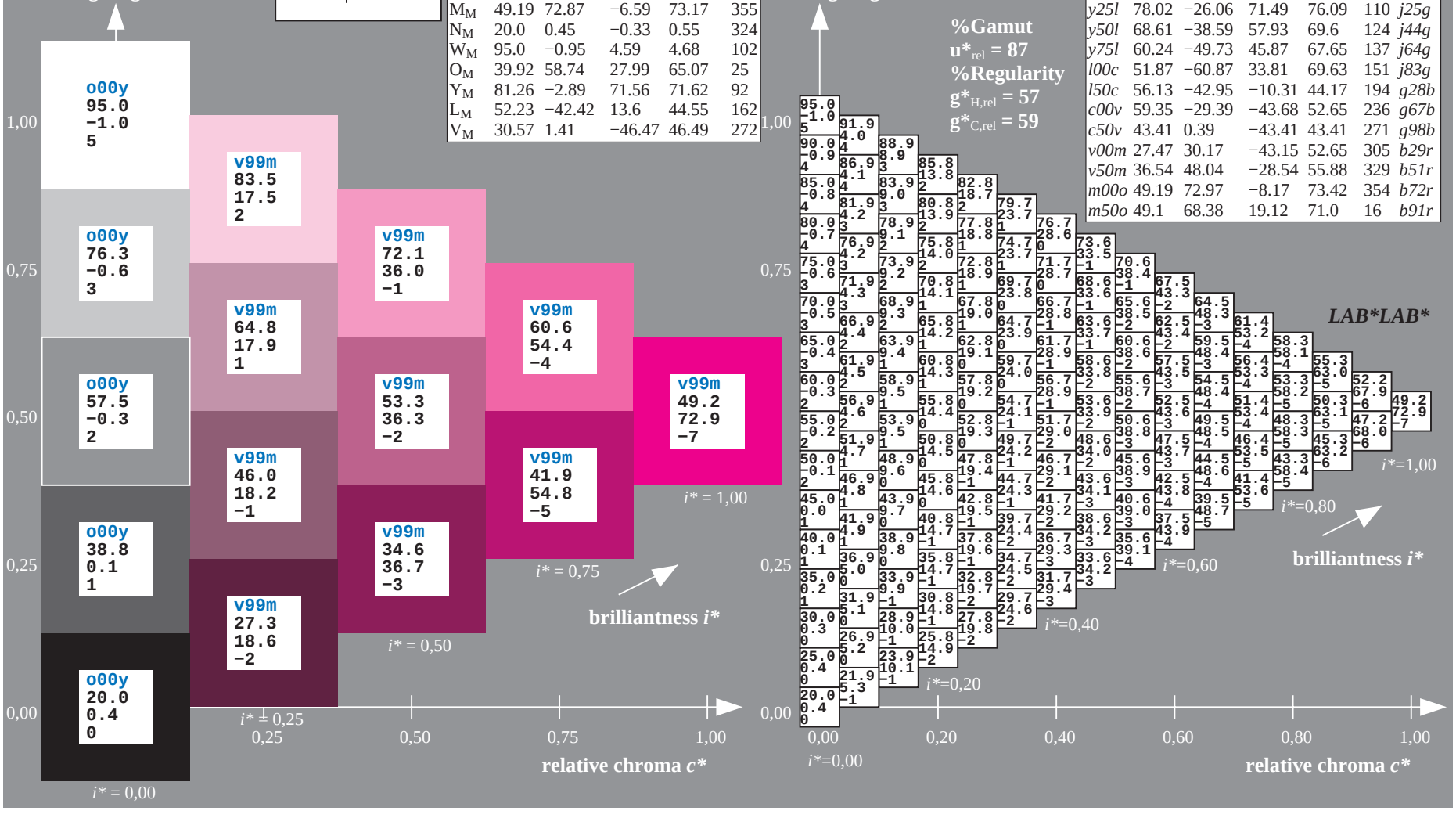
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 73 −8
*LAB*LCH**$_{Ma}$: 49 73 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.56
triangle lightness *t**

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

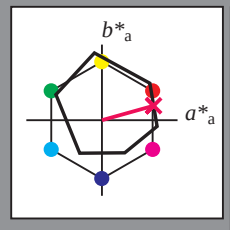
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b91r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

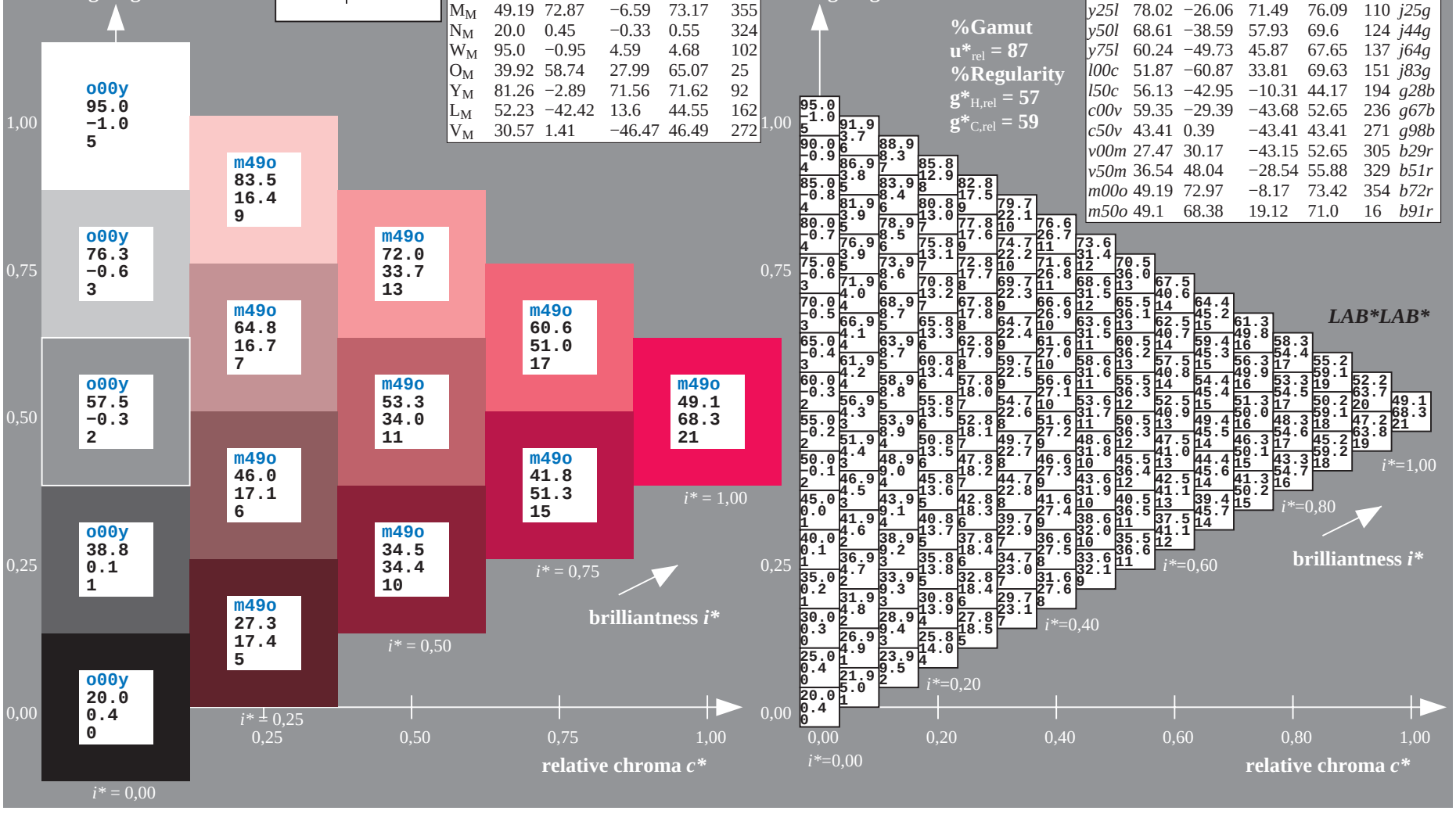
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 68 19
*LAB*LCH**$_{Ma}$: 49 71 15
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.17
triangle lightness *t**

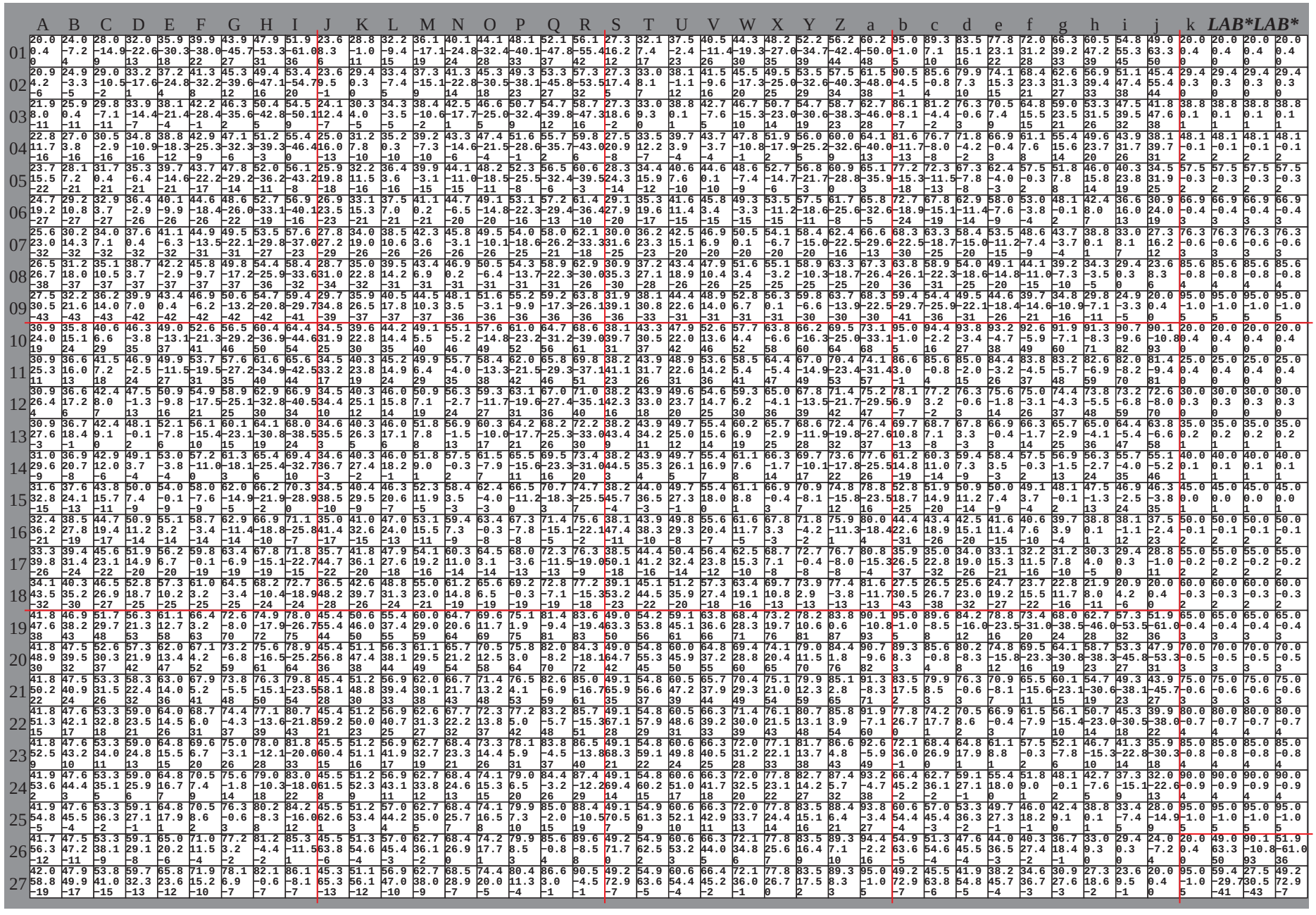
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

u*d* = *m50o
LAB*LAB*

ORS18_95aM; adapted (a) CIELAB data

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

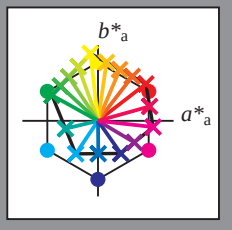




Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 0.97

ORS18_95aM; adapted (a) CIELAB data

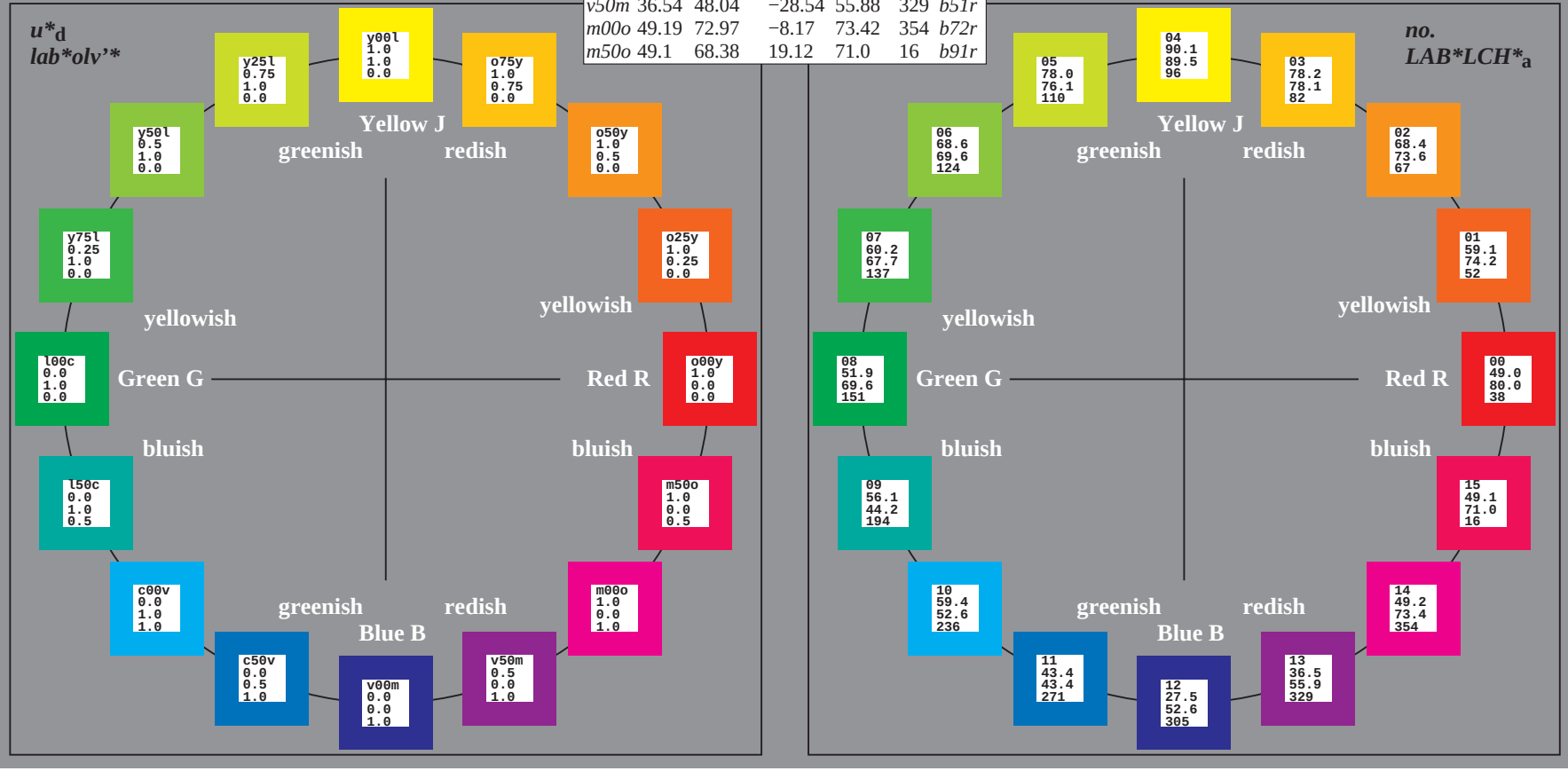
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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



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

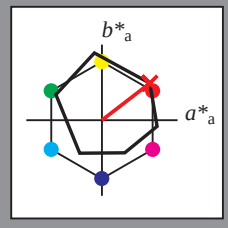
ORS18_95aM; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.105**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r18j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

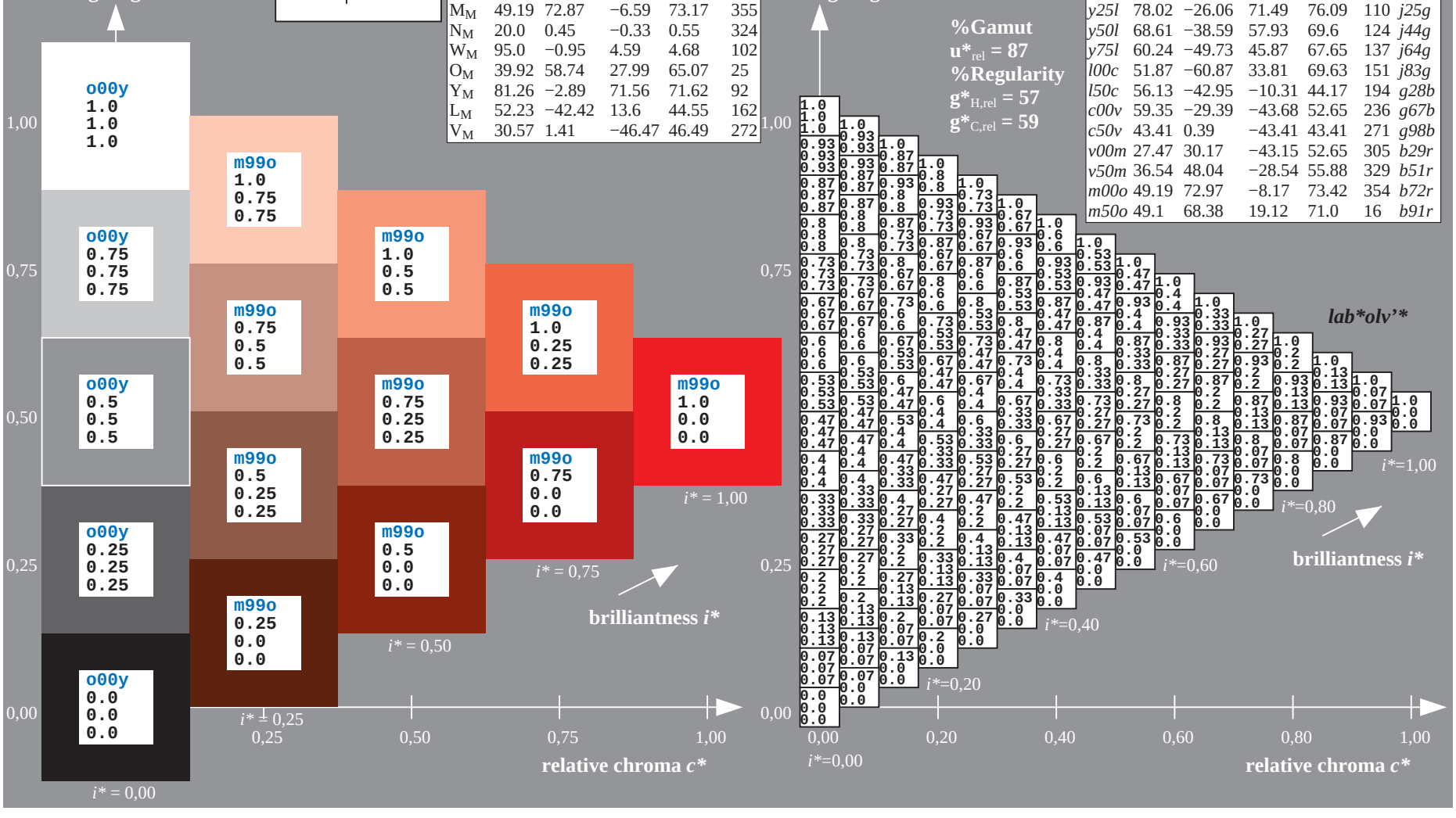
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 63 49
*LAB*LCH**$_{Ma}$: 49 80 37
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.18 0.0
triangle lightness *t**

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

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

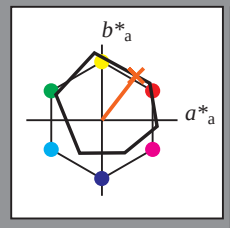
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r40j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	L*=L*	a*	b*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

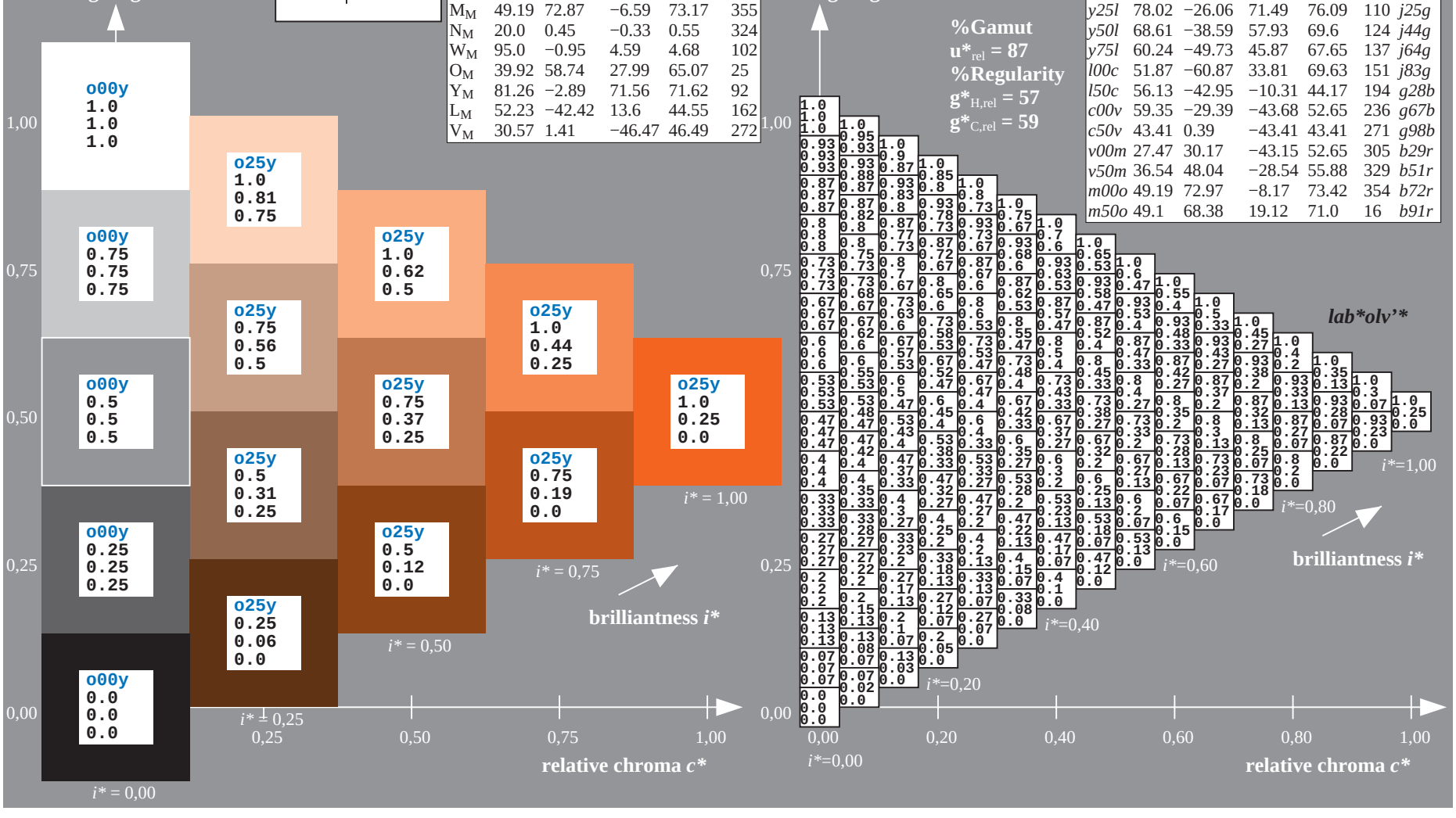
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 45 59
*LAB*LCH**$_{Ma}$: 59 74 52
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.4 0.0
triangle lightness *t**

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

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

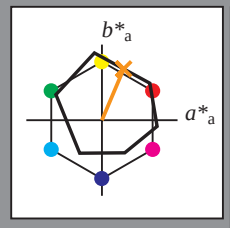
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *o50y* u^*_e = *r62j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

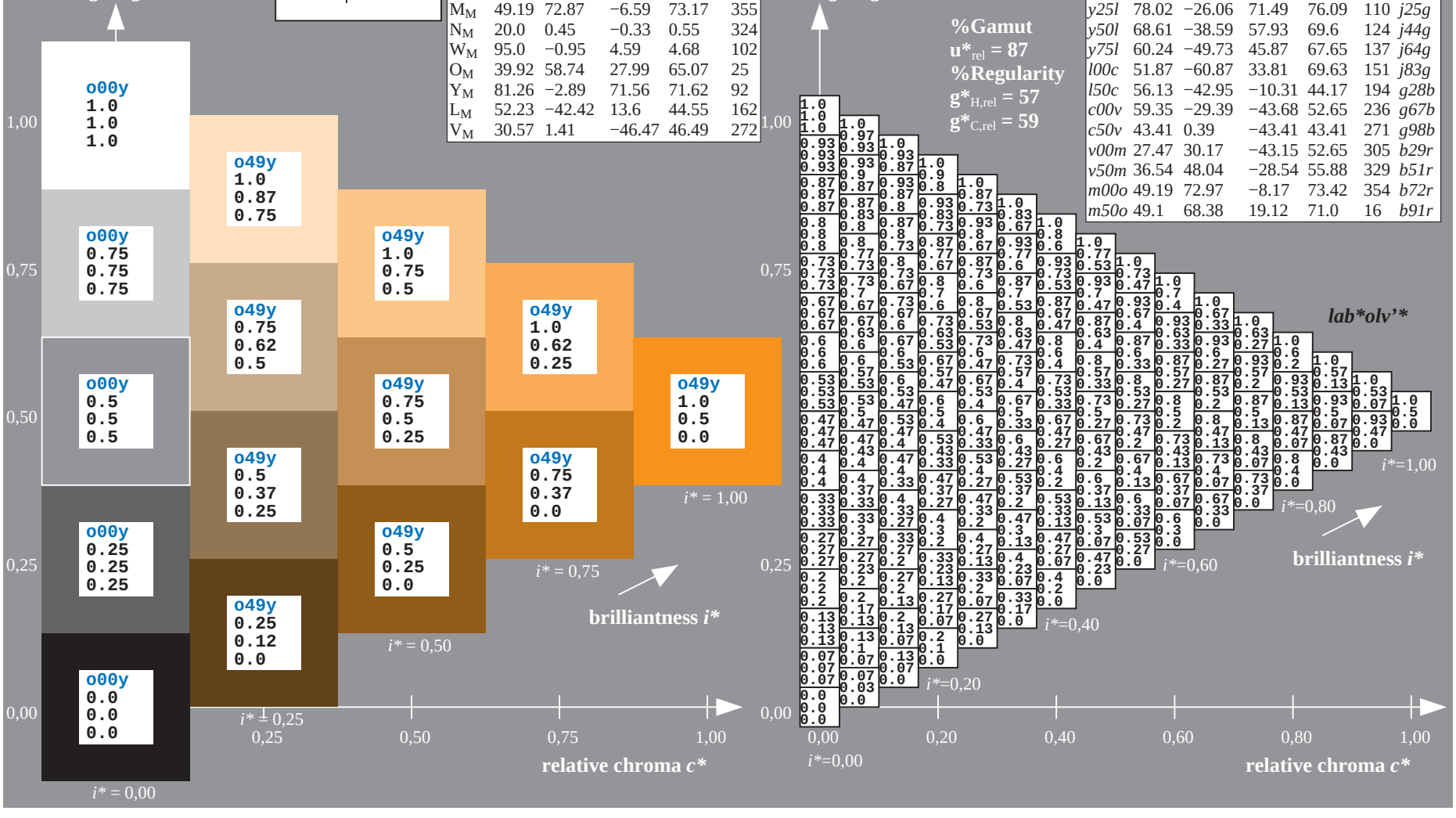
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 68 29 68**
LAB*LCH*$_{Ma}$**: 68 74 67**
lab*olv*$_{Ma}$**: 1.0 0.5 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.62 0.0**
triangle lightness *t**

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

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

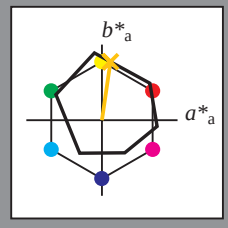
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r83j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

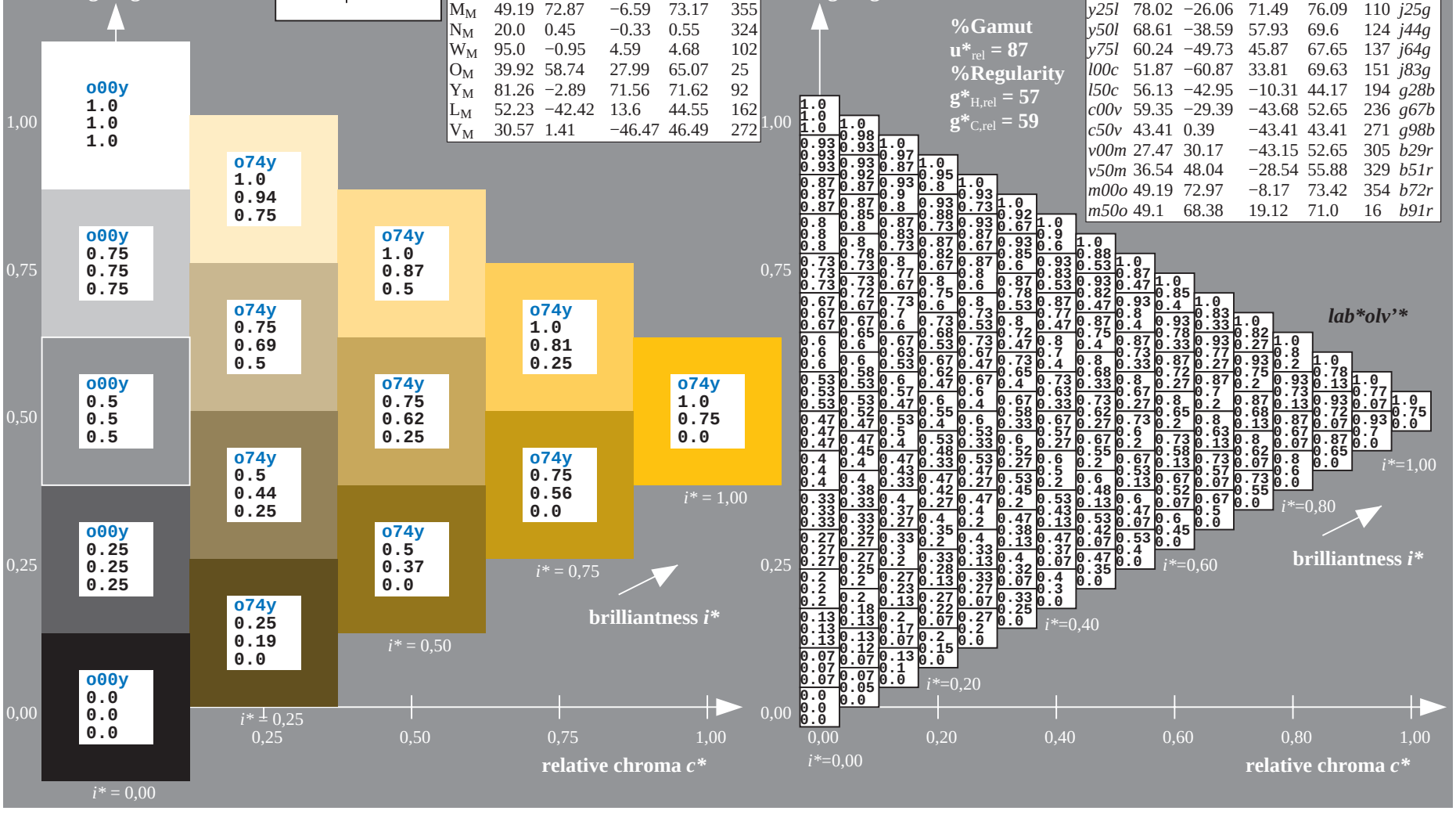
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 11 77
*LAB*LCH**$_{Ma}$: 78 78 81
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.84 0.0
triangle lightness *t**

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

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

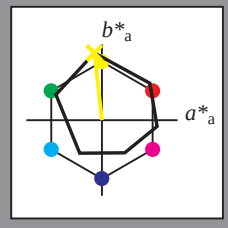
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

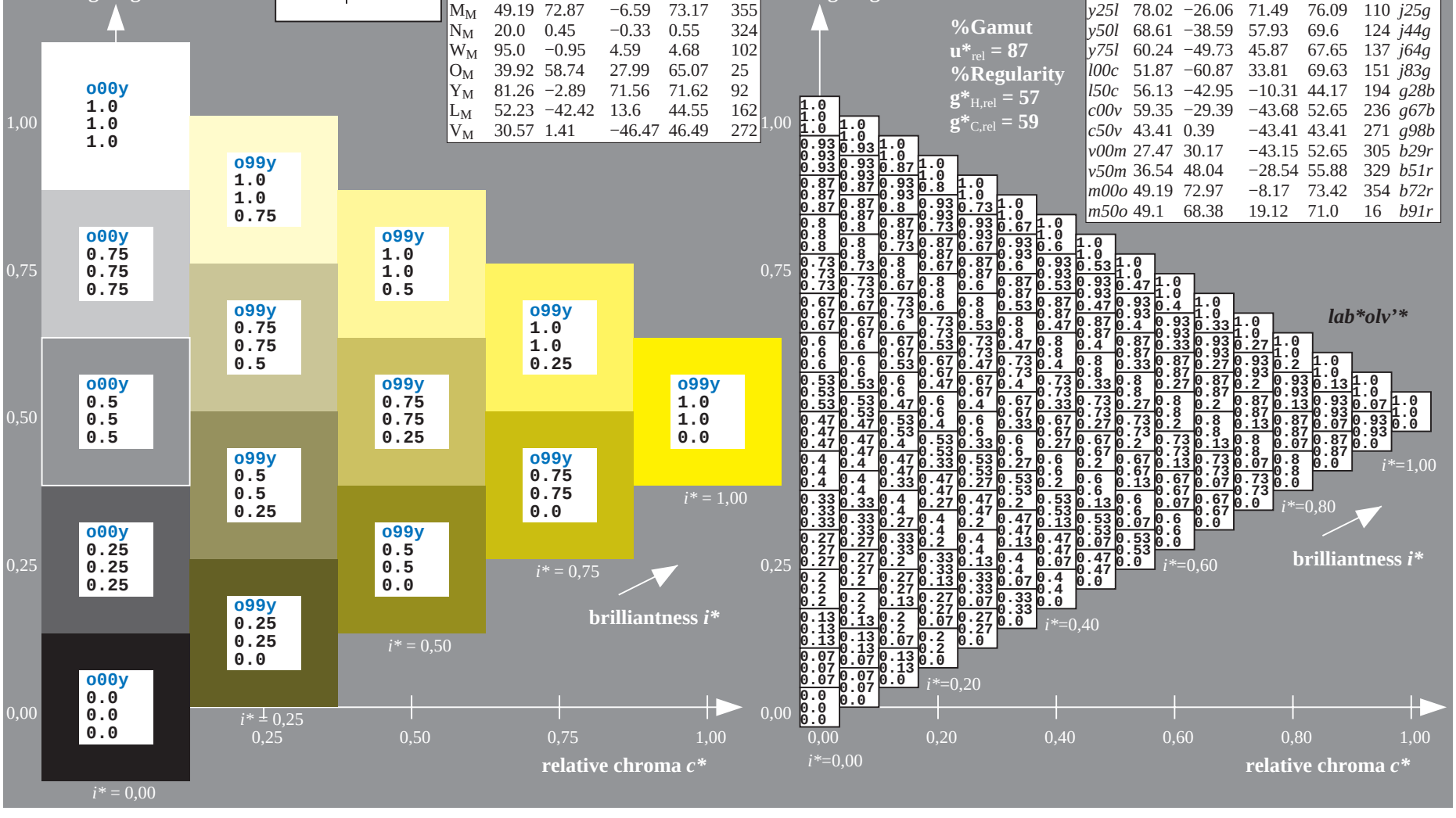
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 90 −10 89
*LAB*LCH**$_{Ma}$: 90 89 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

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

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

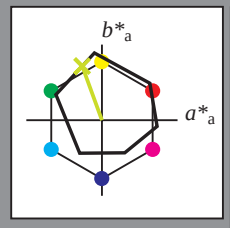
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j25g$
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

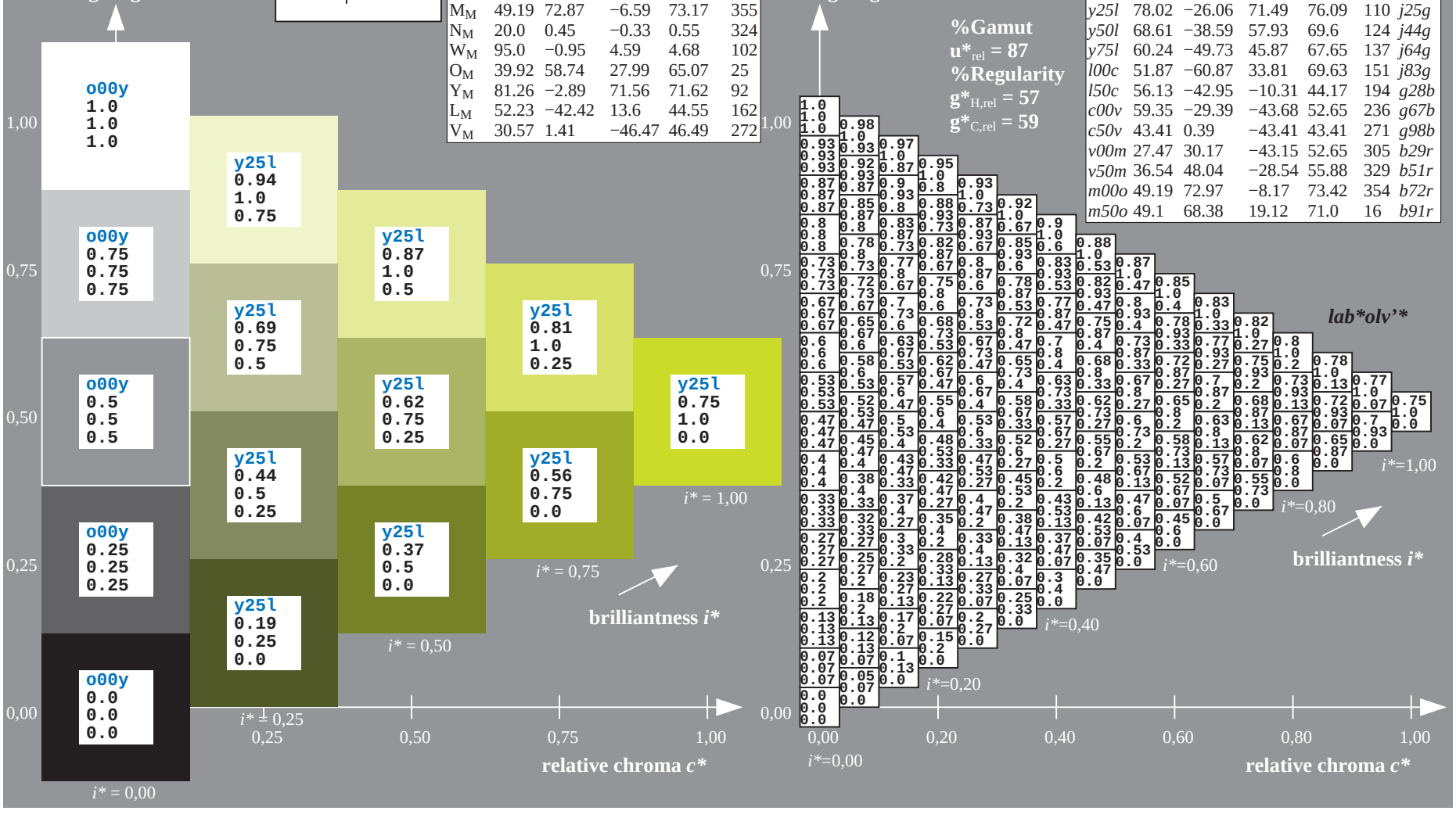
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 78 −26 71
$LAB^*LCH^*_{Ma}$: 78 76 110
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
triangle lightness *t**

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

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

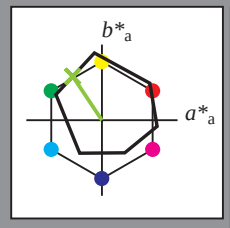
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.344**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j44g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

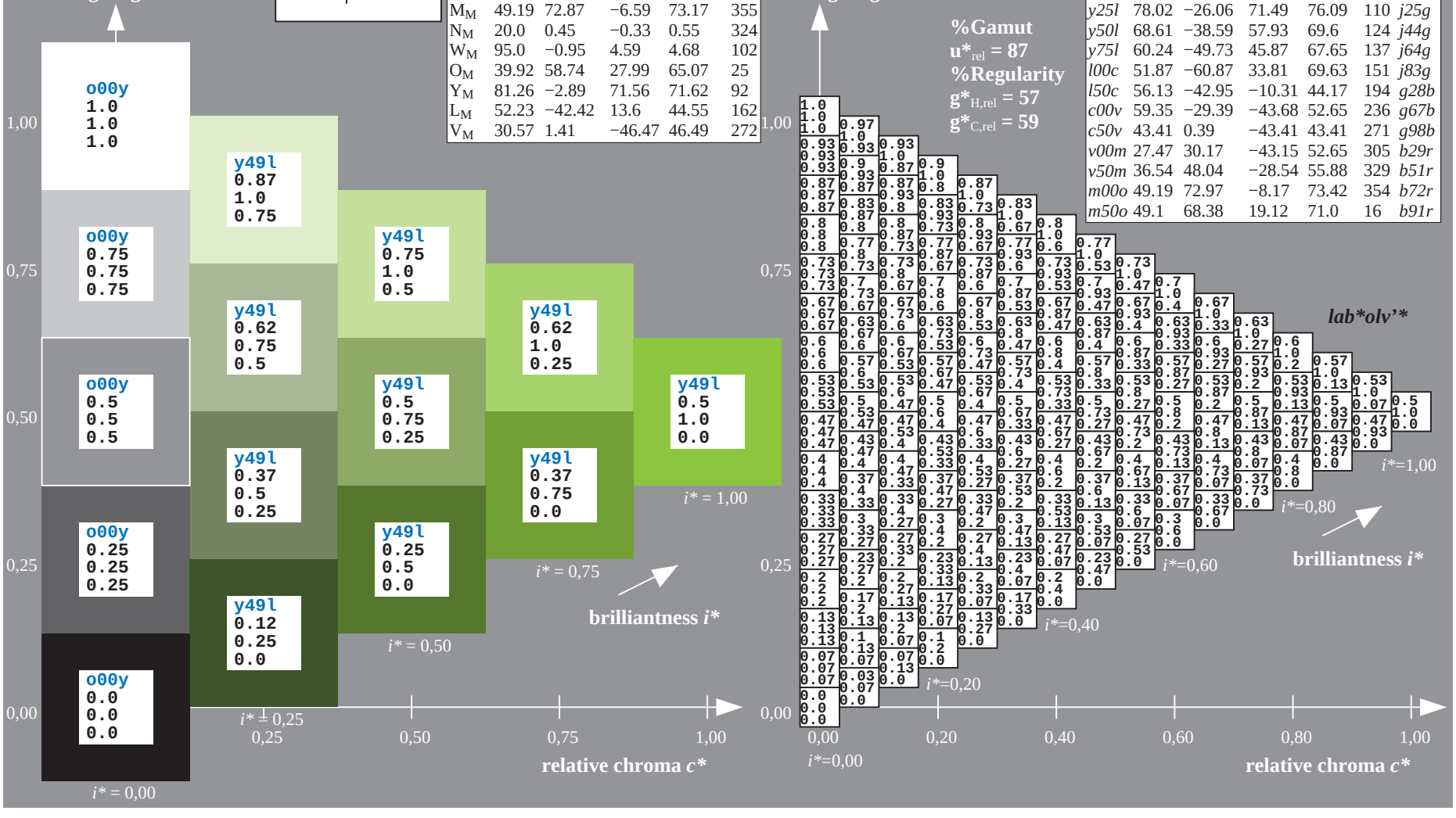
u^*_d	L*=L*	a*	b*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 69 −39 58
*LAB*LCH**$_{Ma}$: 69 70 123
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.55 1.0 0.0
triangle lightness *t**

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

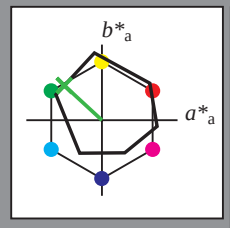
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.381**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *y75l* u^*_e = *j64g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

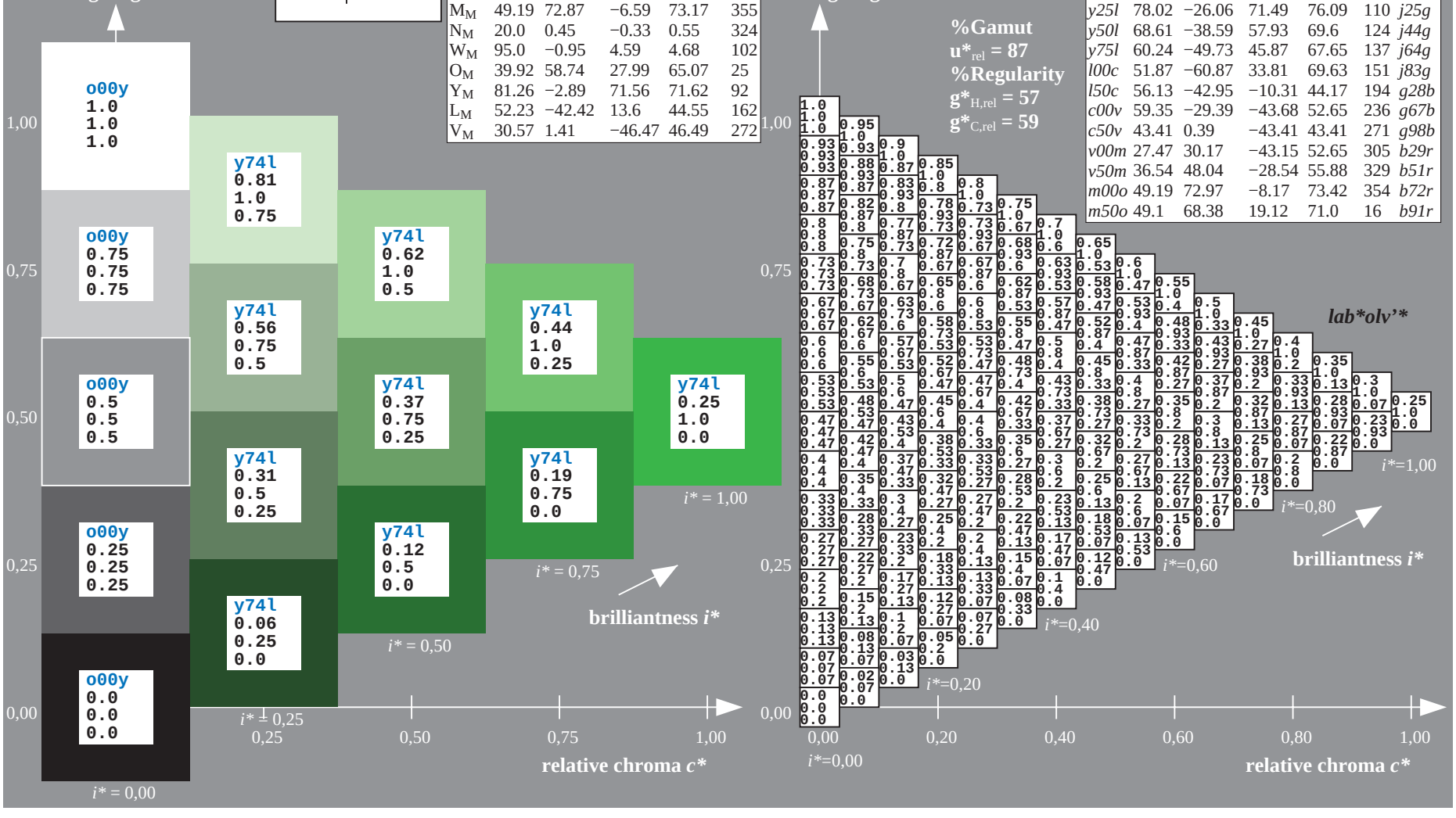
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −50 46
*LAB*LCH**$_{Ma}$: 60 68 137
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.36 1.0 0.0
triangle lightness *t**

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

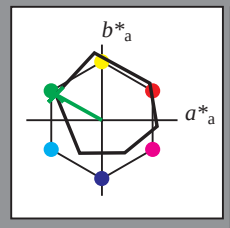
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j83g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

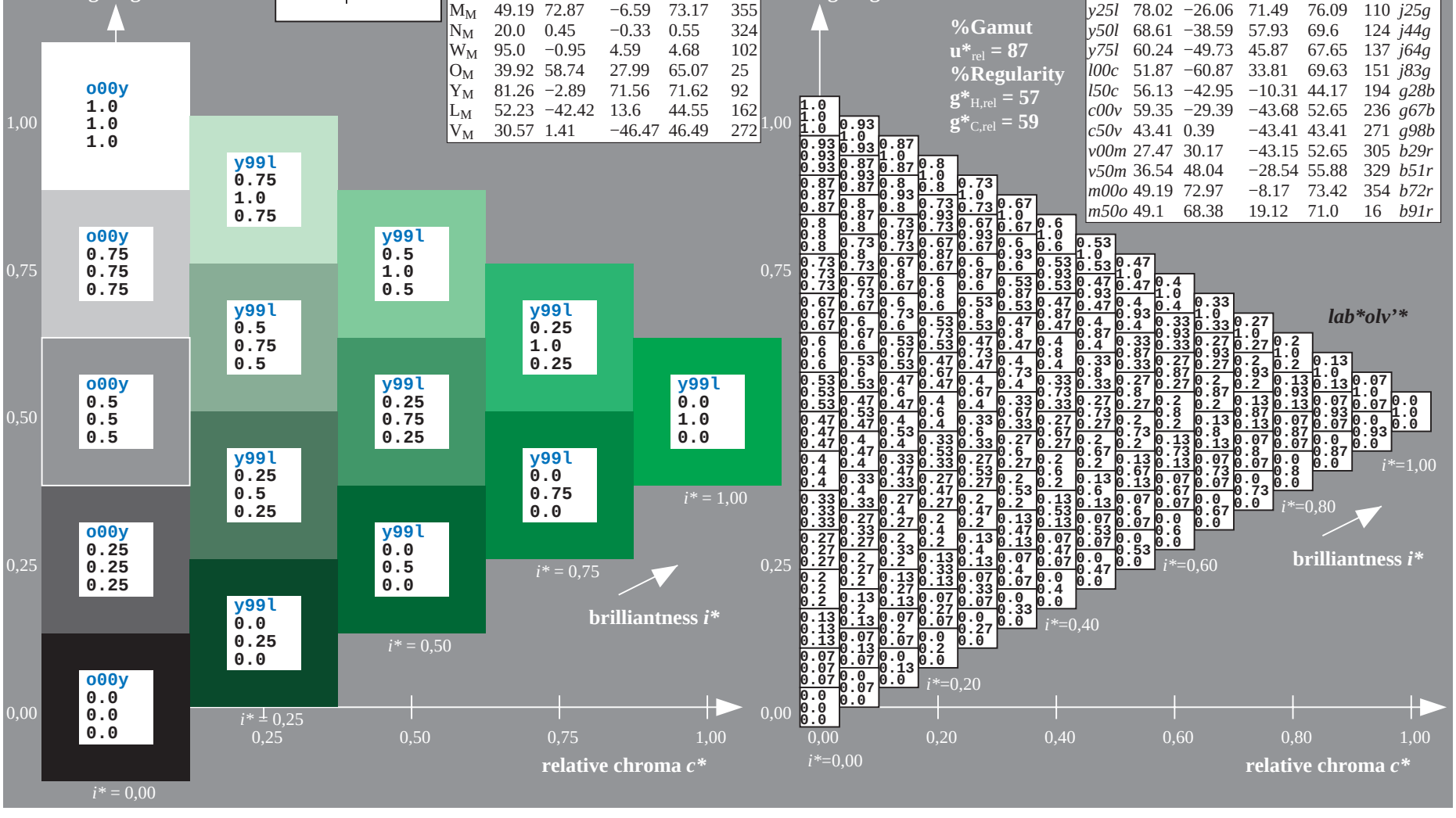
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −61 34
*LAB*LCH**$_{Ma}$: 52 70 150
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.16 1.0 0.0
triangle lightness *t**

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

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

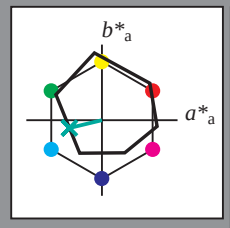
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.538**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

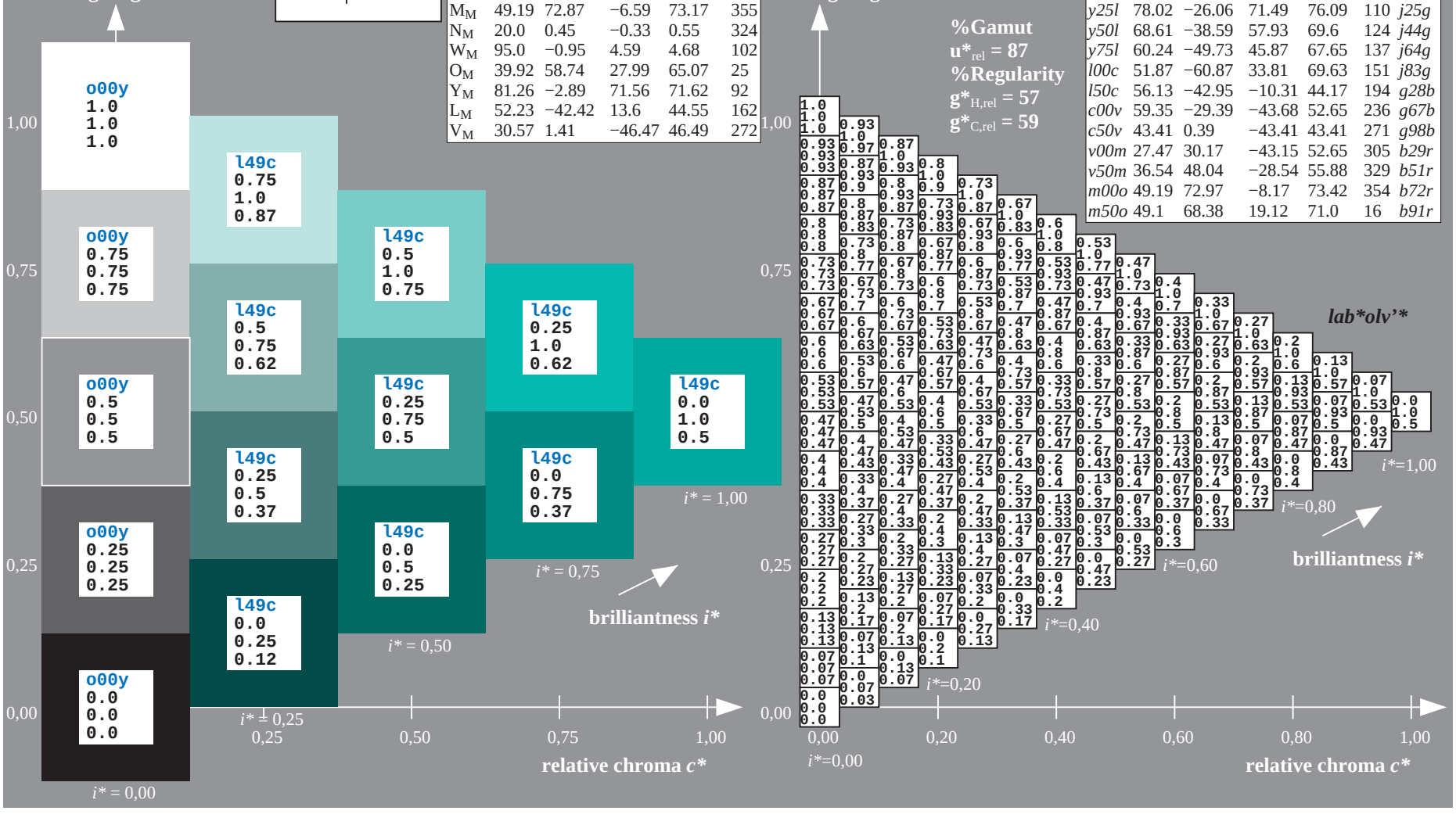
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 −43 −10
*LAB*LCH**$_{Ma}$: 56 44 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

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

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

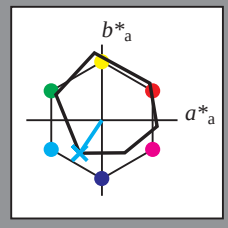
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c00v* u^*_e = *g67b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

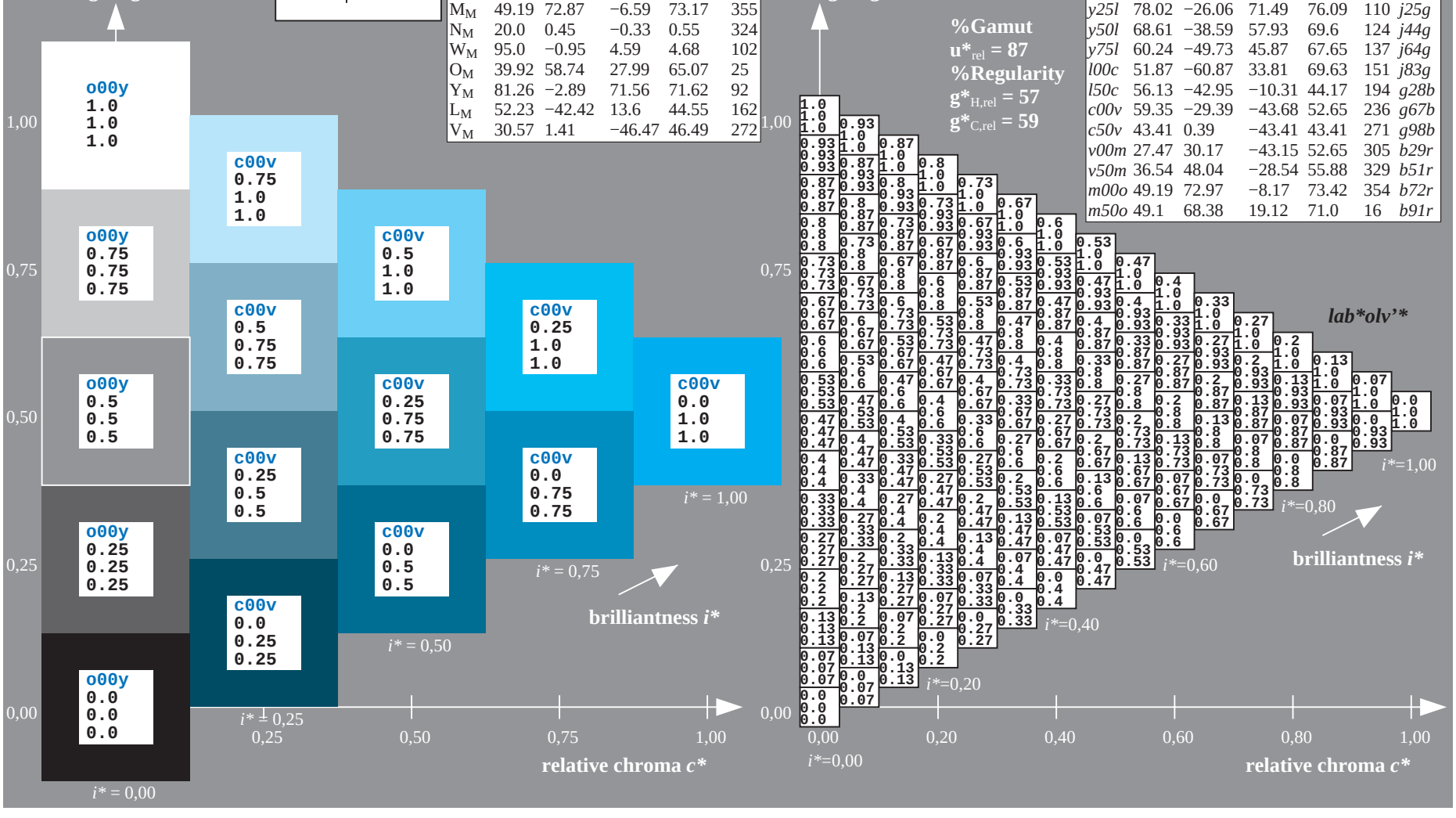
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 59 −29 −44**
LAB*LCH*$_{Ma}$**: 59 53 236**
lab*olv*$_{Ma}$**: 0.0 1.0 1.0**
lab*rgb*$_{Ma}$**: 0.0 0.65 1.0**
triangle lightness *t**

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

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

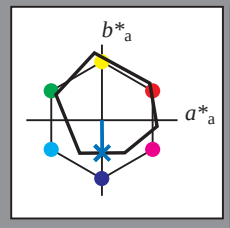
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g98b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

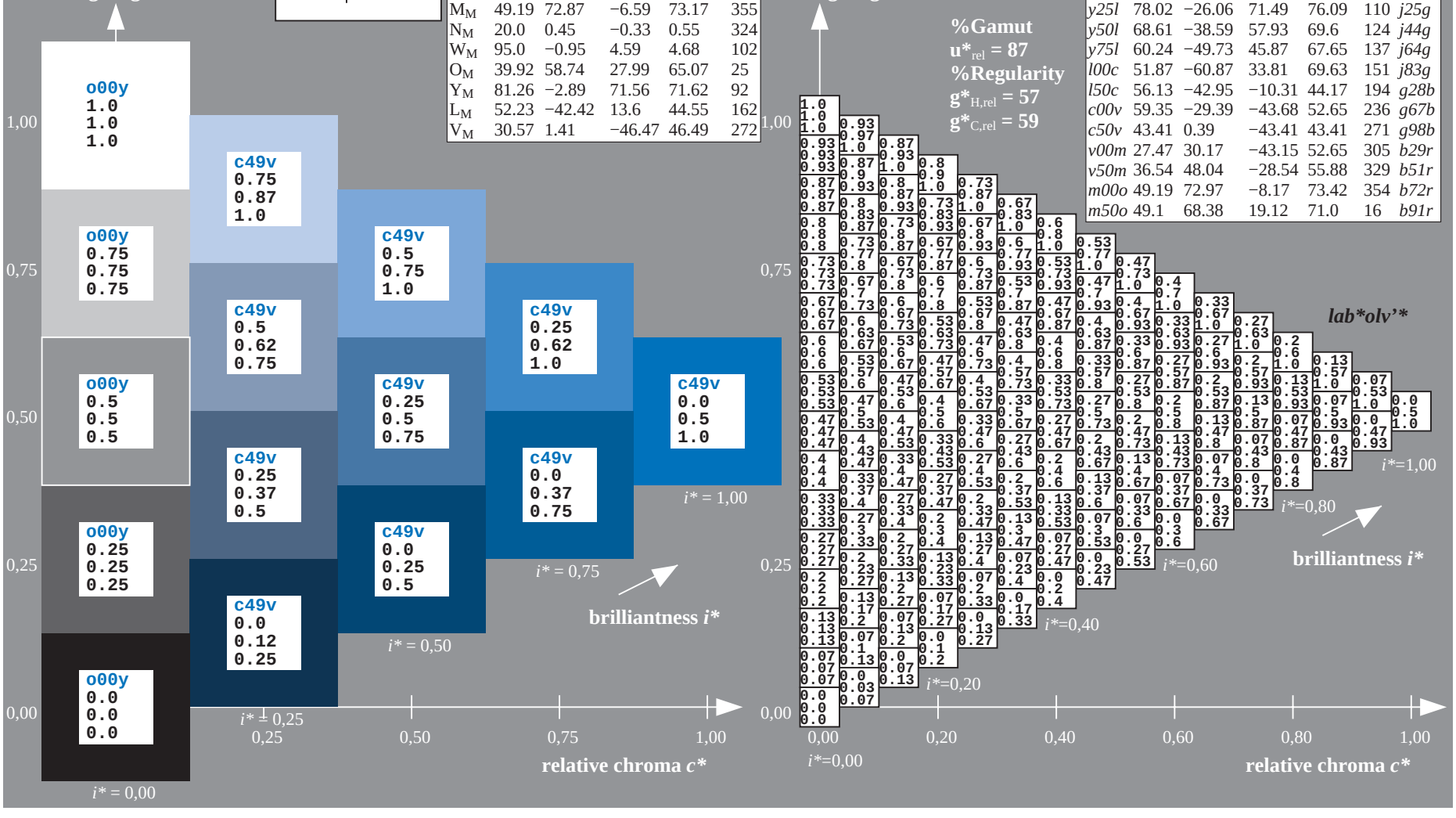
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 0 −43
*LAB*LCH**$_{Ma}$: 43 43 270
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.02 1.0
triangle lightness *t**

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

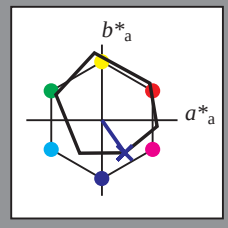
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b29r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

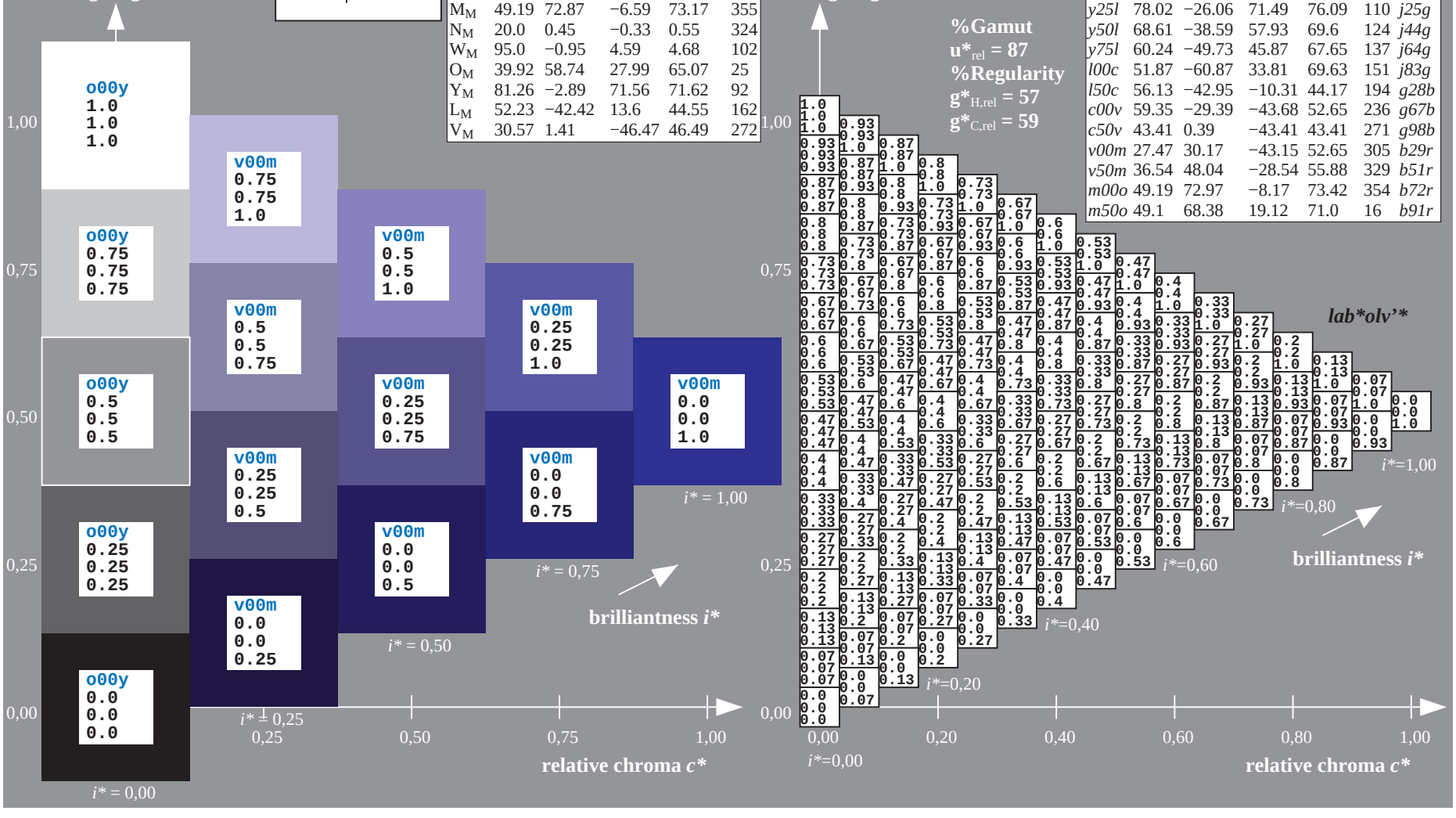
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 27 30 −43
*LAB*LCH**$_{Ma}$: 27 53 304
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.58 0.0 1.0
triangle lightness *t**

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

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

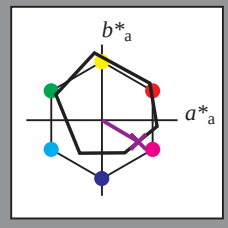
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b51r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

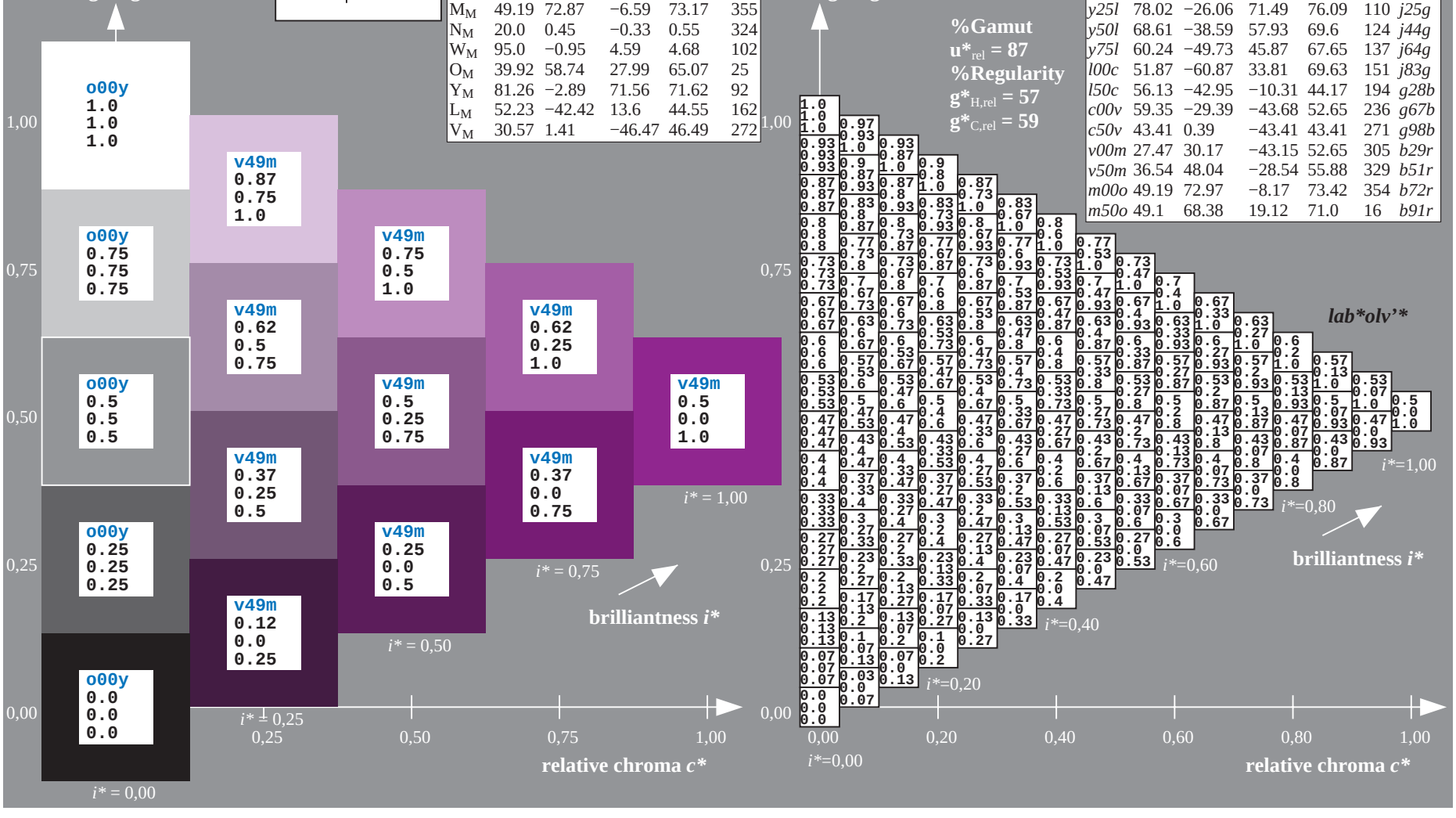
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 37 48 −29
*LAB*LCH**$_{Ma}$: 37 56 329
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.99
triangle lightness *t**

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

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

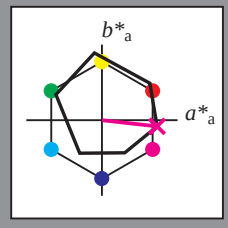
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b72r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

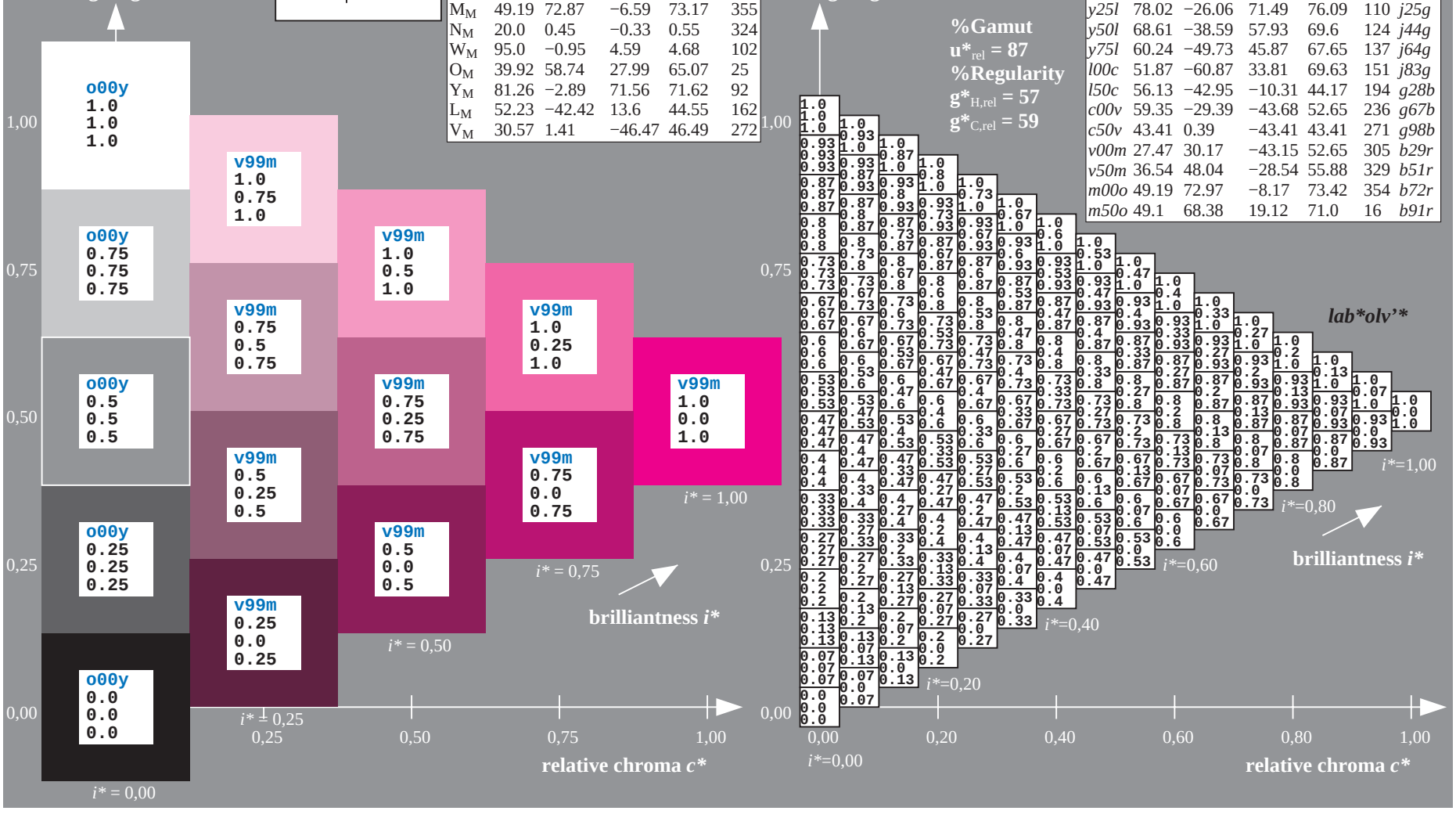
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 73 −8
*LAB*LCH**$_{Ma}$: 49 73 353
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.56
triangle lightness *t**

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

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

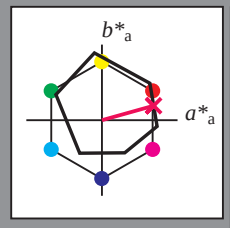
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b91r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

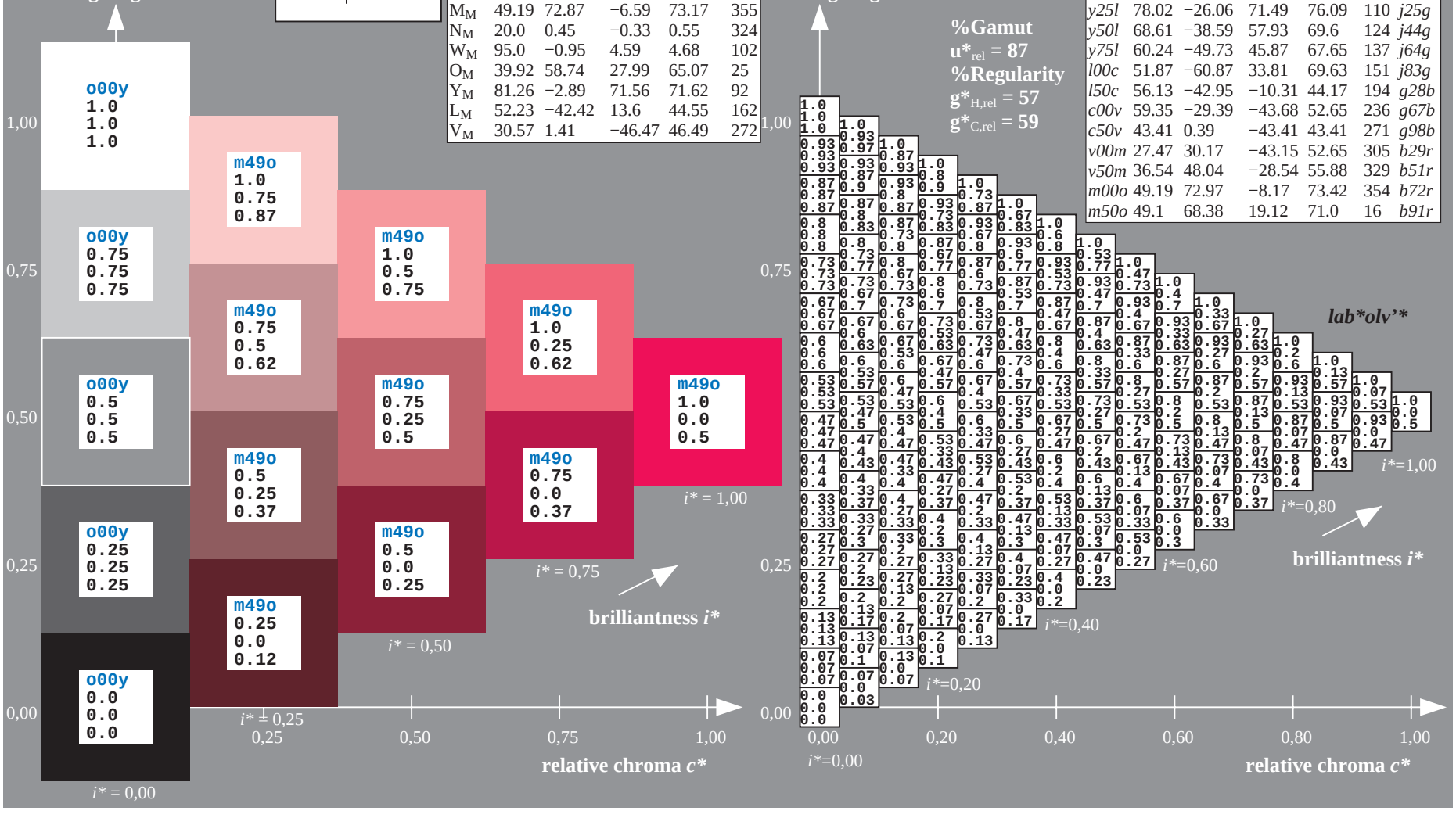
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 68 19
*LAB*LCH**$_{Ma}$: 49 71 15
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.17
triangle lightness *t**

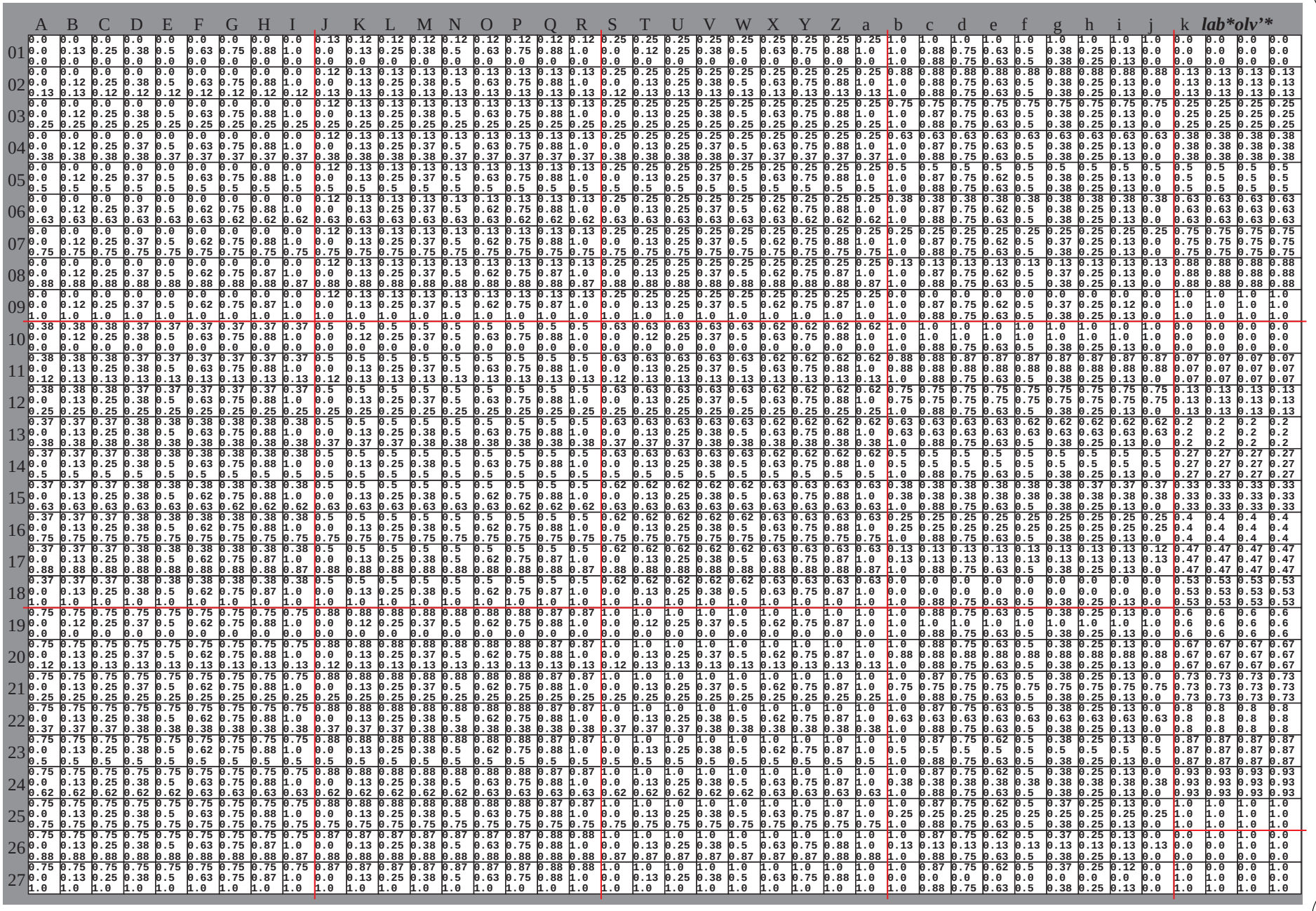
%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

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

ORS18_95aM; adapted (a) CIELAB data

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

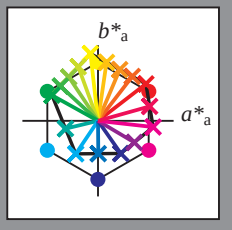




Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 0.97

ORS18_95aM; adapted (a) CIELAB data

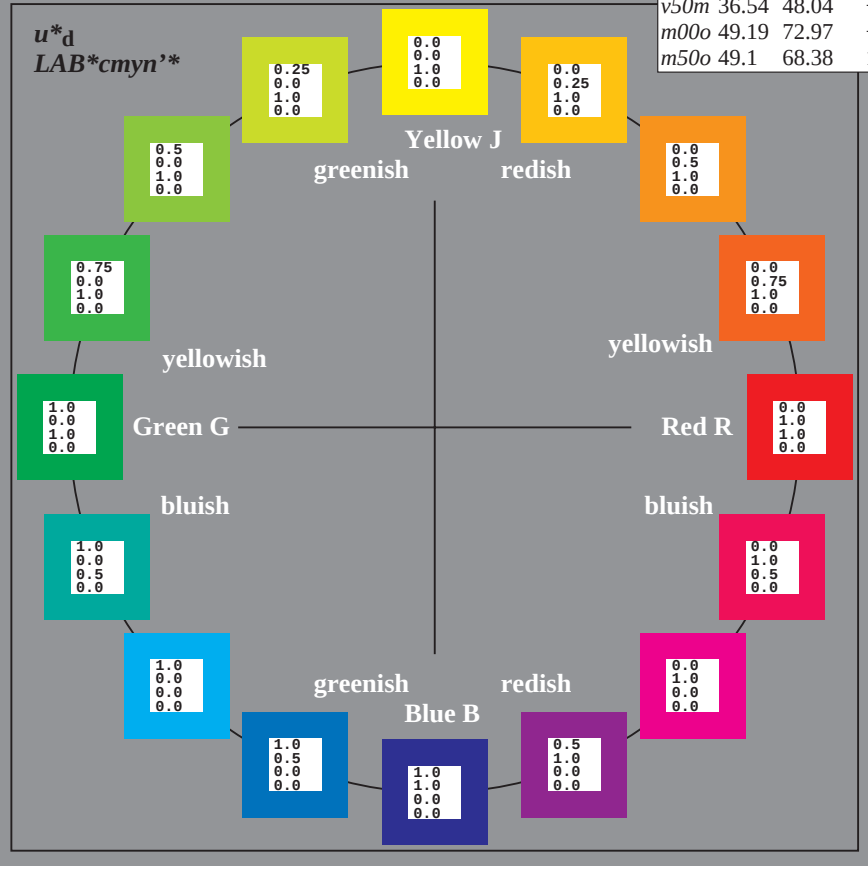
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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

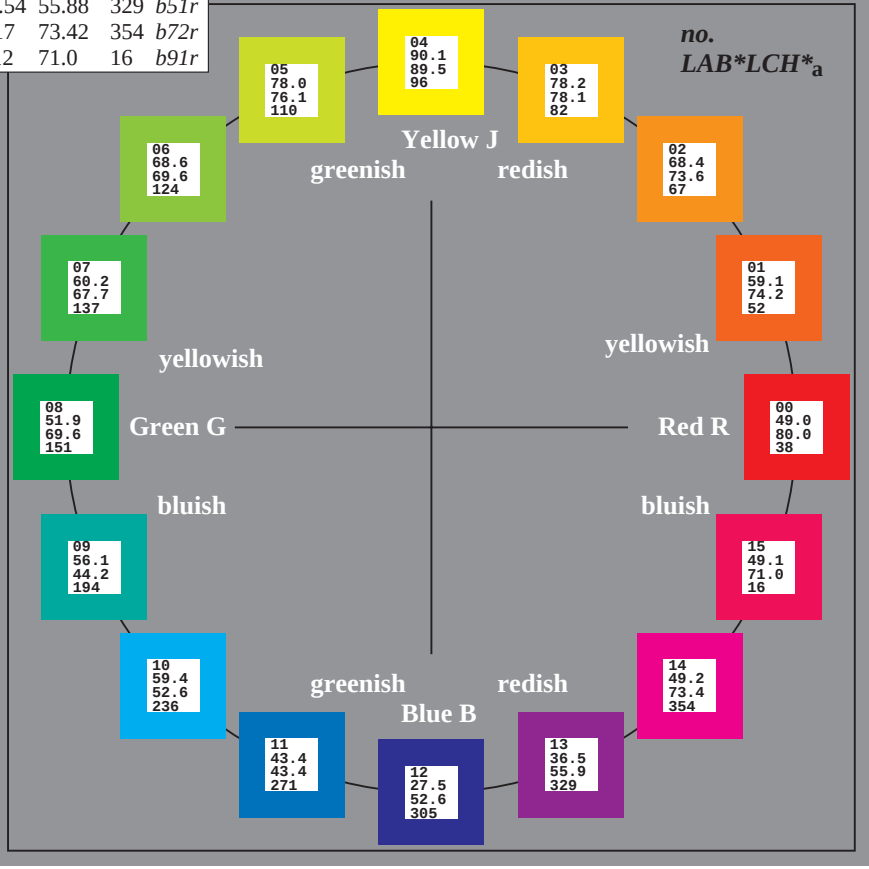


%Gamut
u^*_{rel} = 87
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; CIELAB data

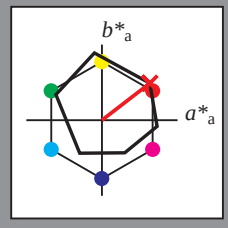
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.105**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r18j*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

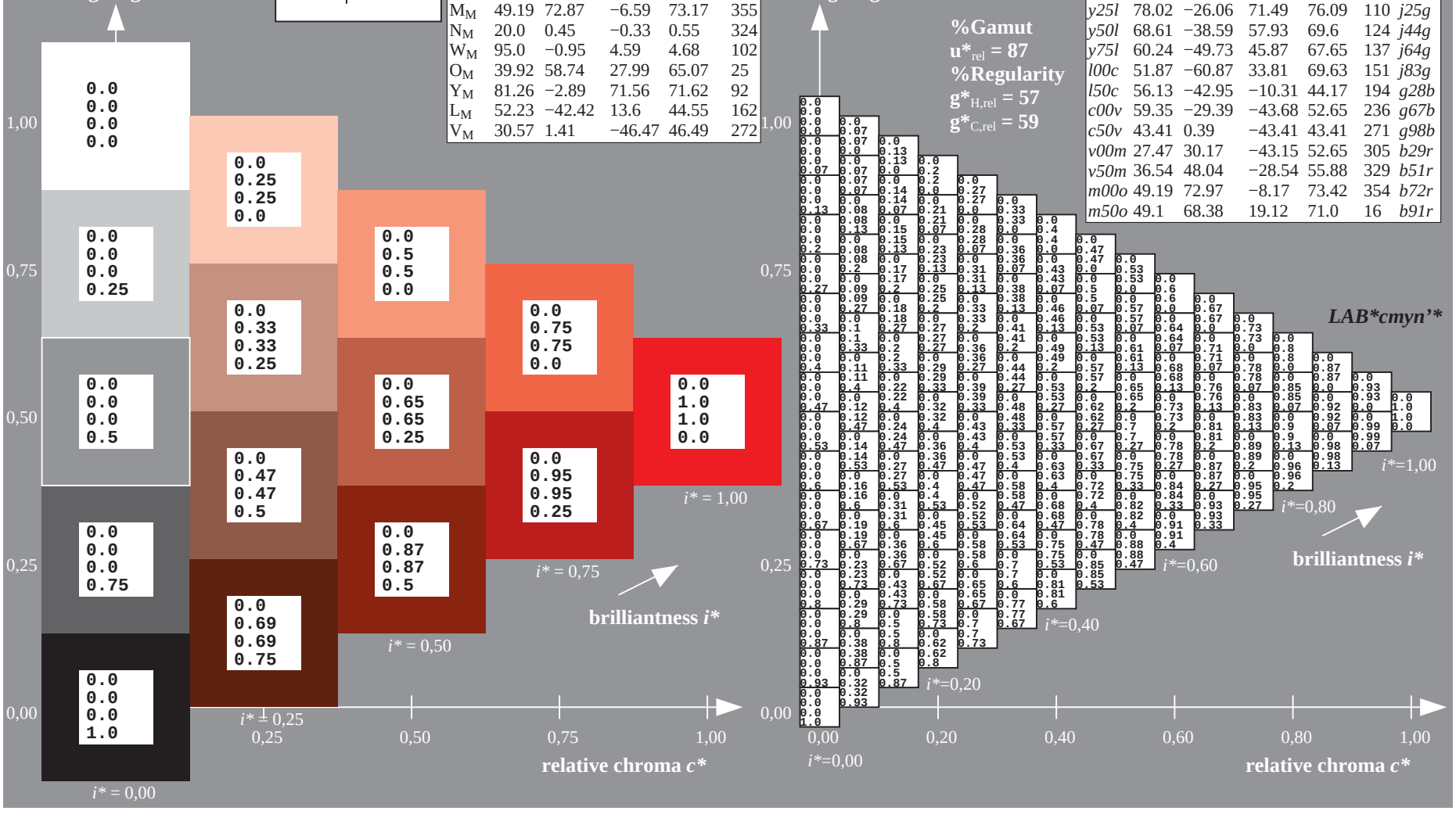
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 63 49
*LAB*LCH**$_{Ma}$: 49 80 37
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.18 0.0
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

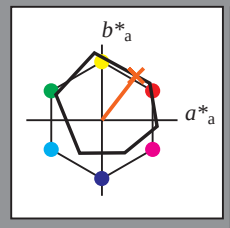
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	49.0	63.38	48.88	80.04	38	*r18j*
o25y	59.11	45.34	58.73	74.2	52	*r40j*
o50y	68.41	28.75	67.79	73.63	67	*r62j*
o75y	78.21	11.28	77.33	78.15	82	*r83j*
y00l	90.12	−9.95	88.92	89.48	96	*j06g*
y25l	78.02	−26.06	71.49	76.09	110	*j25g*
y50l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

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



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

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = o25y$ $u^*_e = r40j$
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

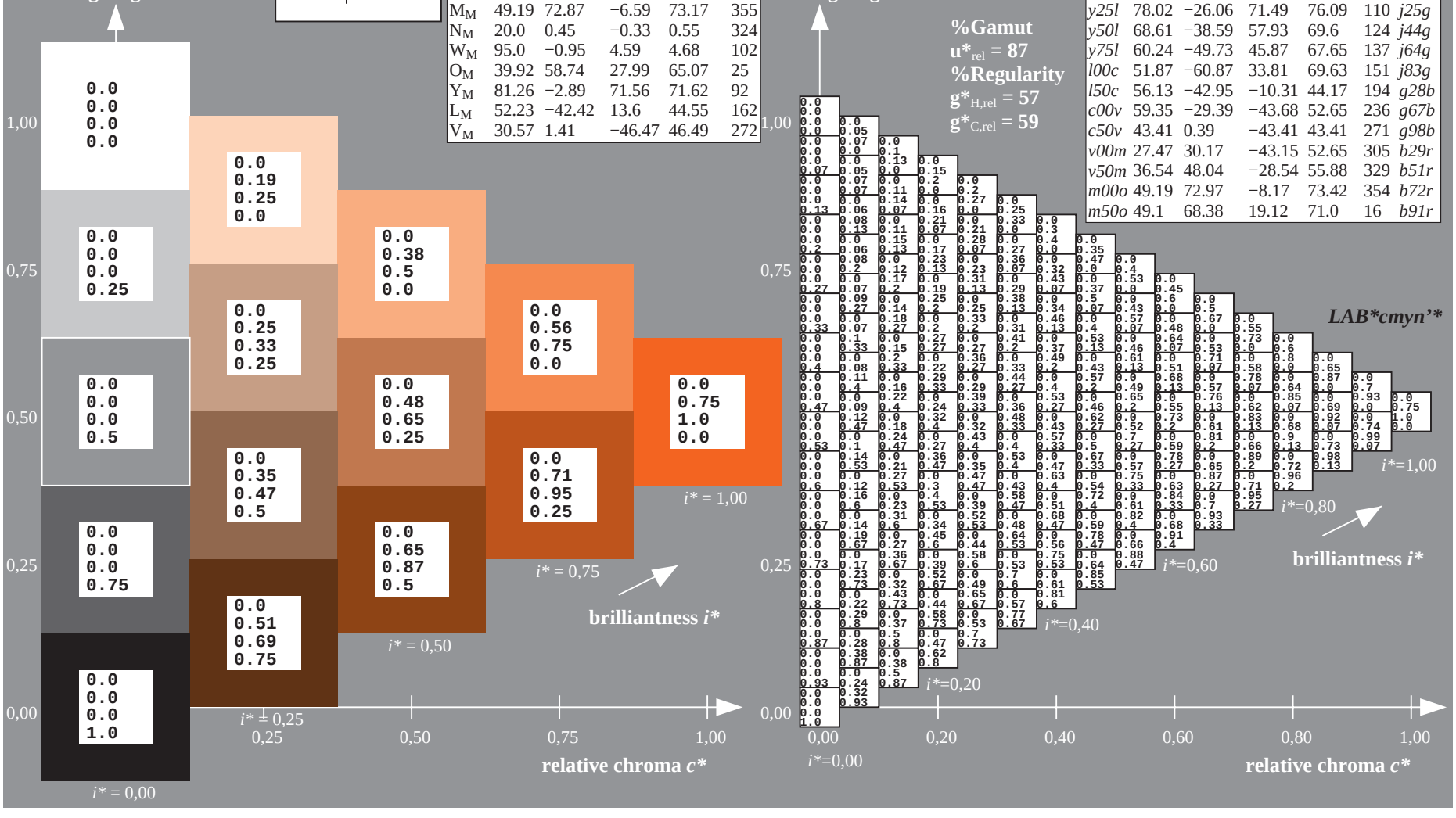
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 59 45 59
$LAB^*LCH^*_{Ma}$: 59 74 52
$lab^*olv^*_{Ma}$: 1.0 0.25 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.4 0.0
triangle lightness *t**

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

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

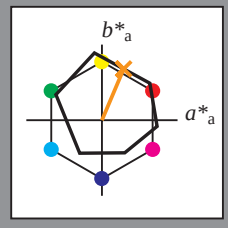
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r62j*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

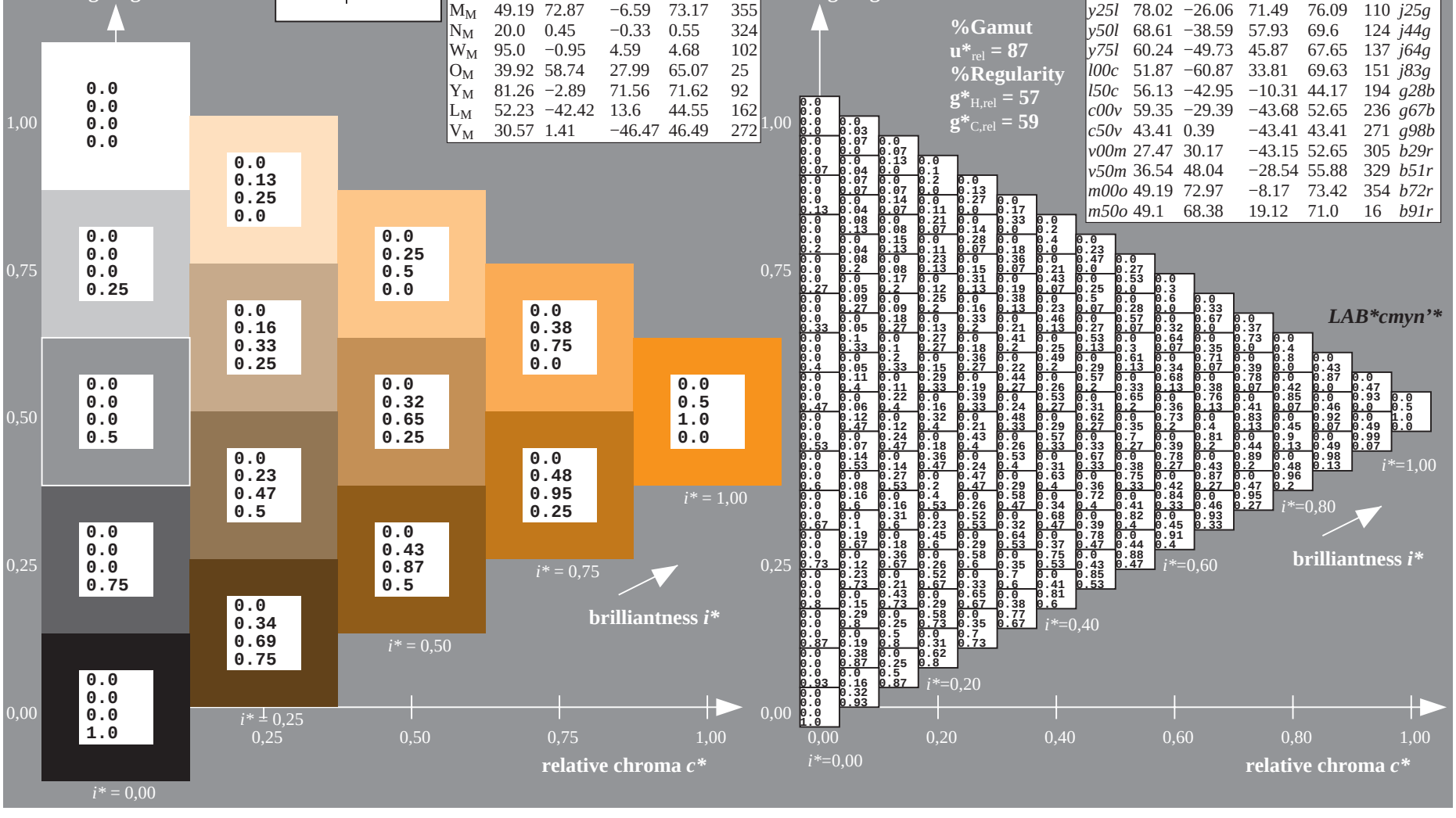
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 68 29 68
$LAB^*LCH^*_{Ma}$: 68 74 67
$lab^*olv^*_{Ma}$: 1.0 0.5 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.62 0.0
triangle lightness *t**

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

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

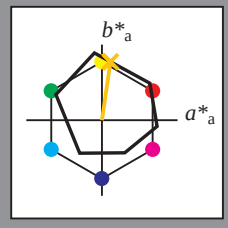
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r83j*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

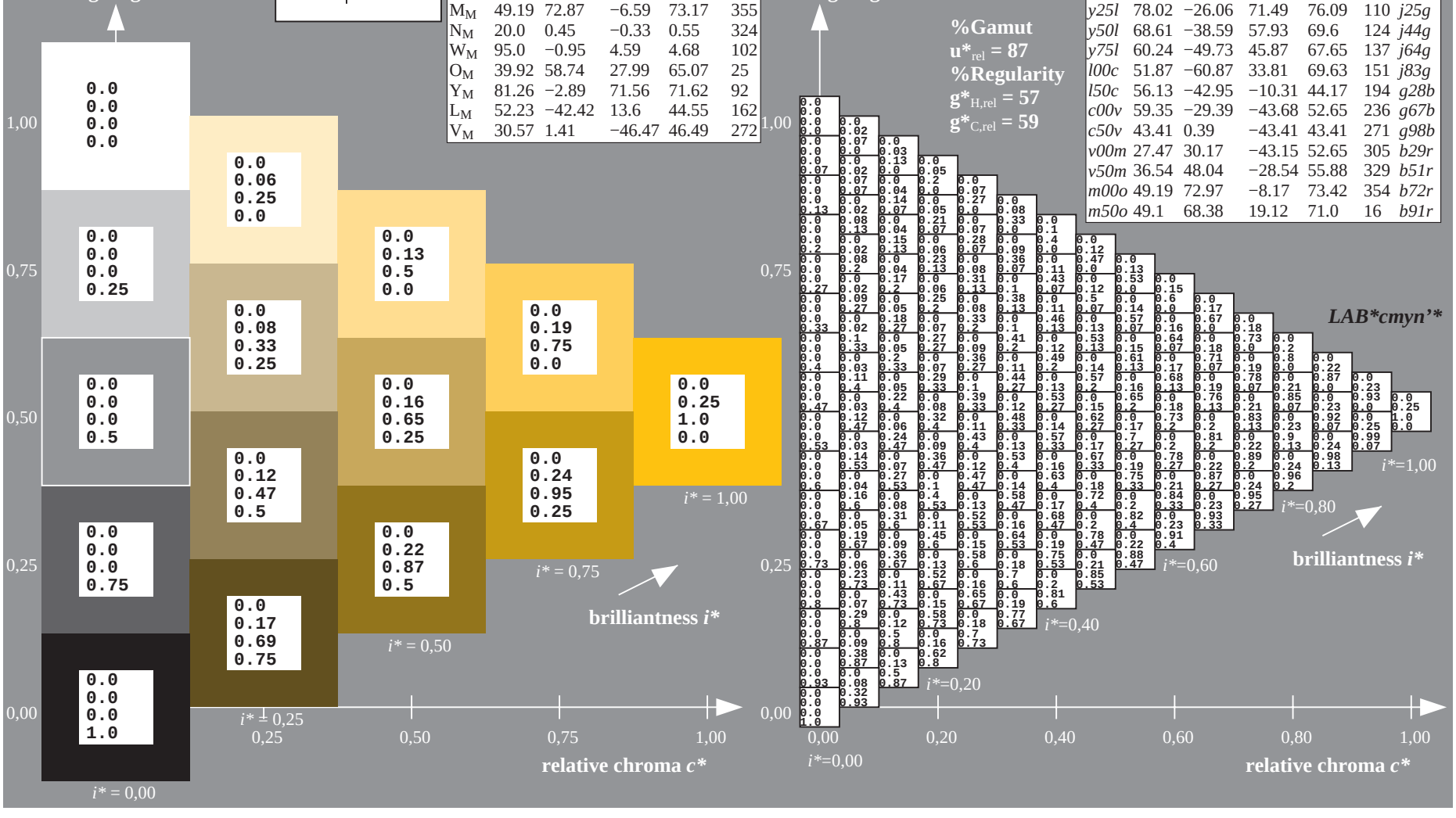
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 11 77
*LAB*LCH**$_{Ma}$: 78 78 81
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.84 0.0
triangle lightness *t

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

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

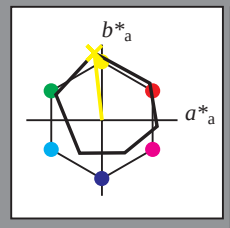
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

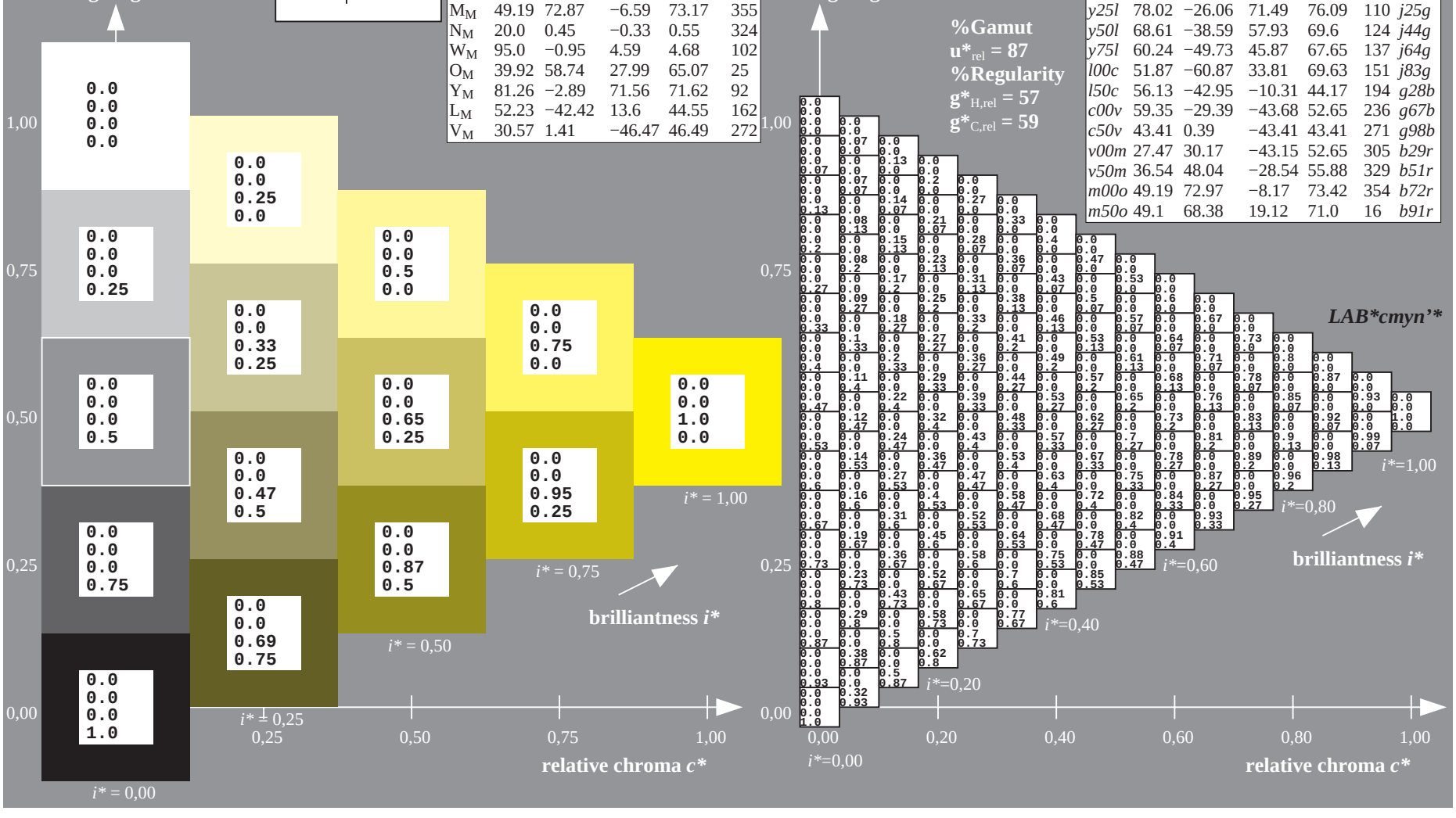
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 90 −10 89**
LAB*LCH*$_{Ma}$**: 90 89 96**
lab*olv*$_{Ma}$**: 1.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.94 1.0 0.0**
triangle lightness *t**

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

u*d = y00l
LAB*cmyn'*

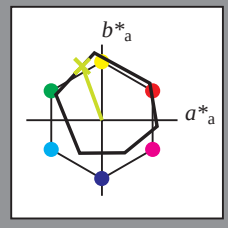
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j25g$
contrast reduction factor:
$c_R = 0.97$
triangle lightness t^*



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

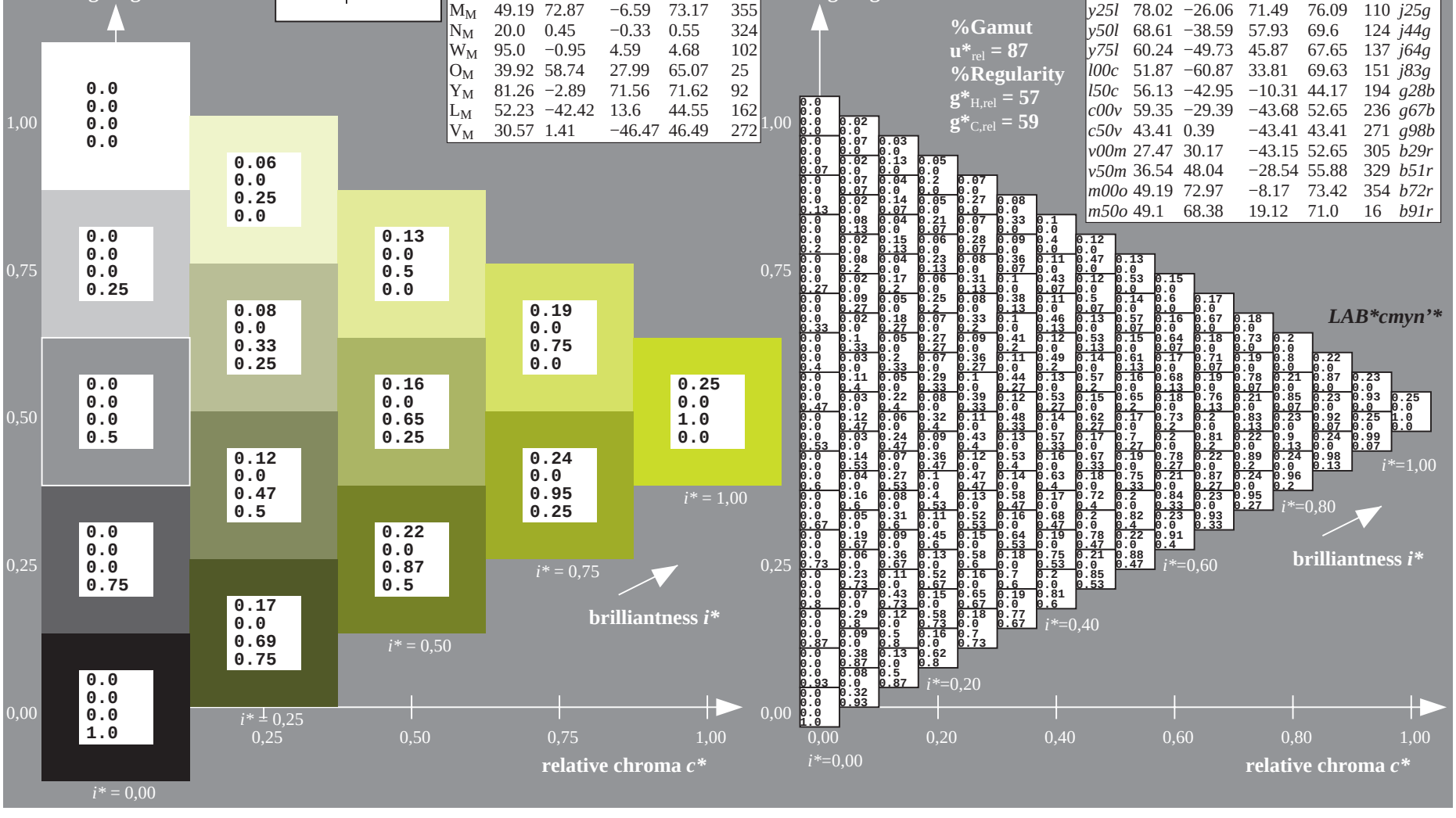
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 78 −26 71
$LAB^*LCH^*_{Ma}$: 78 76 110
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
triangle lightness t^*

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

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

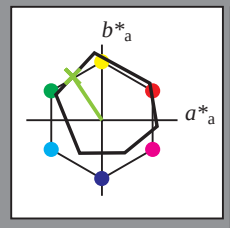
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.344$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j44g$
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

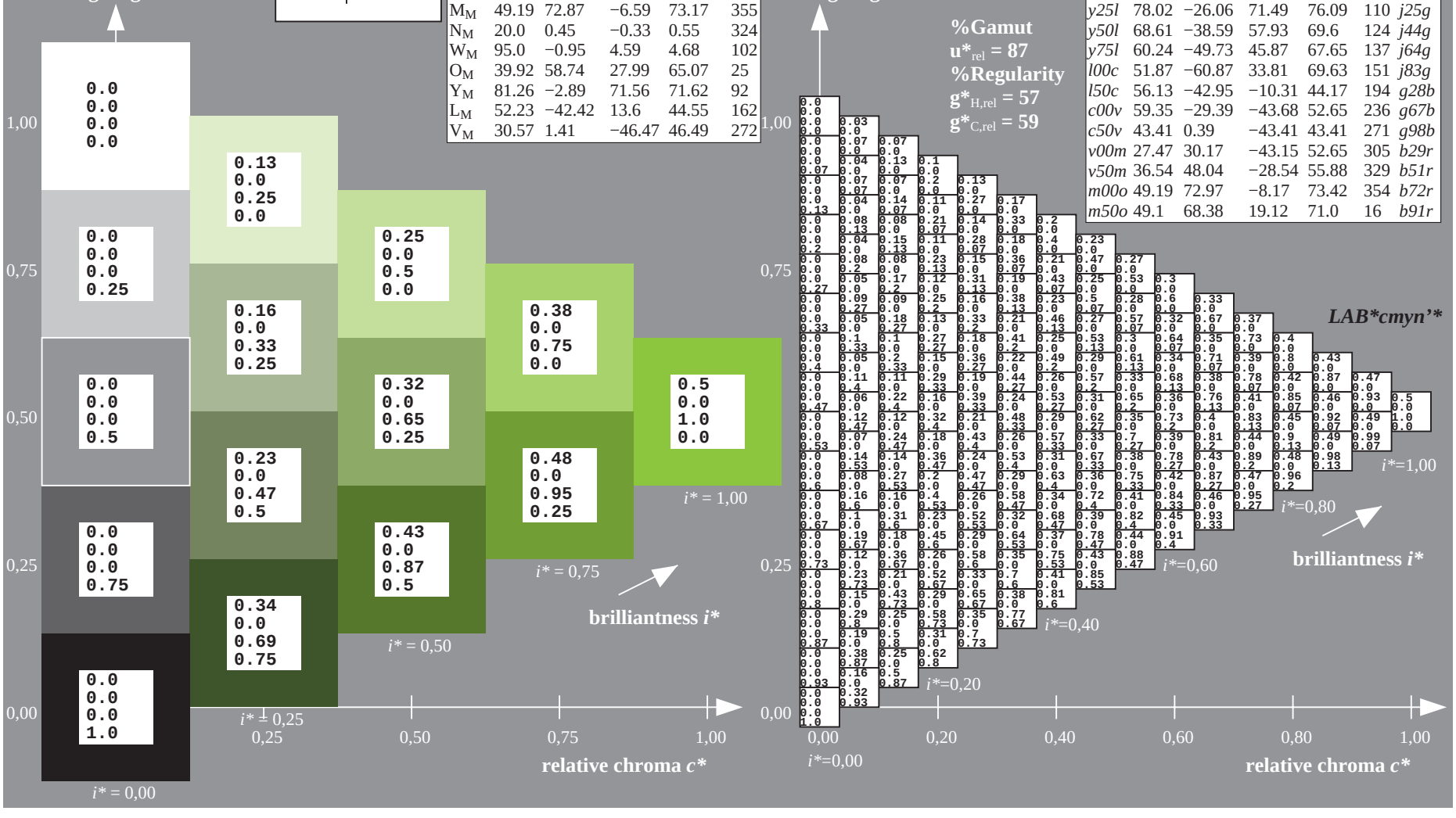
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 69 −39 58
$LAB^*LCH^*_{Ma}$: 69 70 123
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.55 1.0 0.0
triangle lightness *t**

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

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

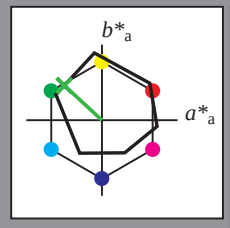
ORS18_95aM; adapted (a) CIELAB data

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



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.381$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j64g$
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

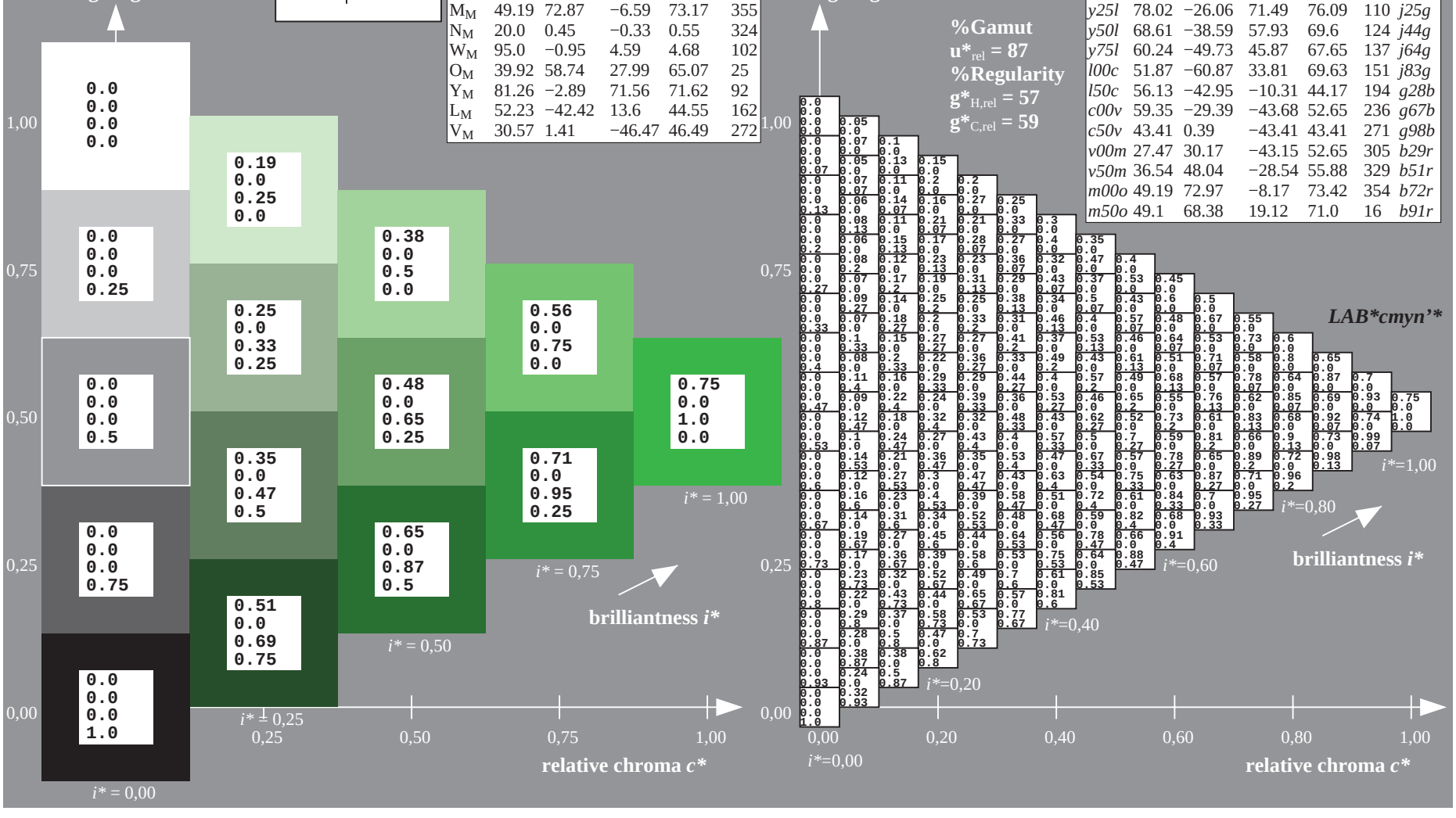
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 60 −50 46
$LAB^*LCH^*_{Ma}$: 60 68 137
$lab^*olv^*_{Ma}$: 0.25 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.36 1.0 0.0
triangle lightness *t**

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

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

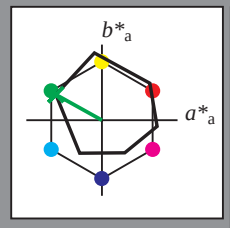
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j83g*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; CIELAB data

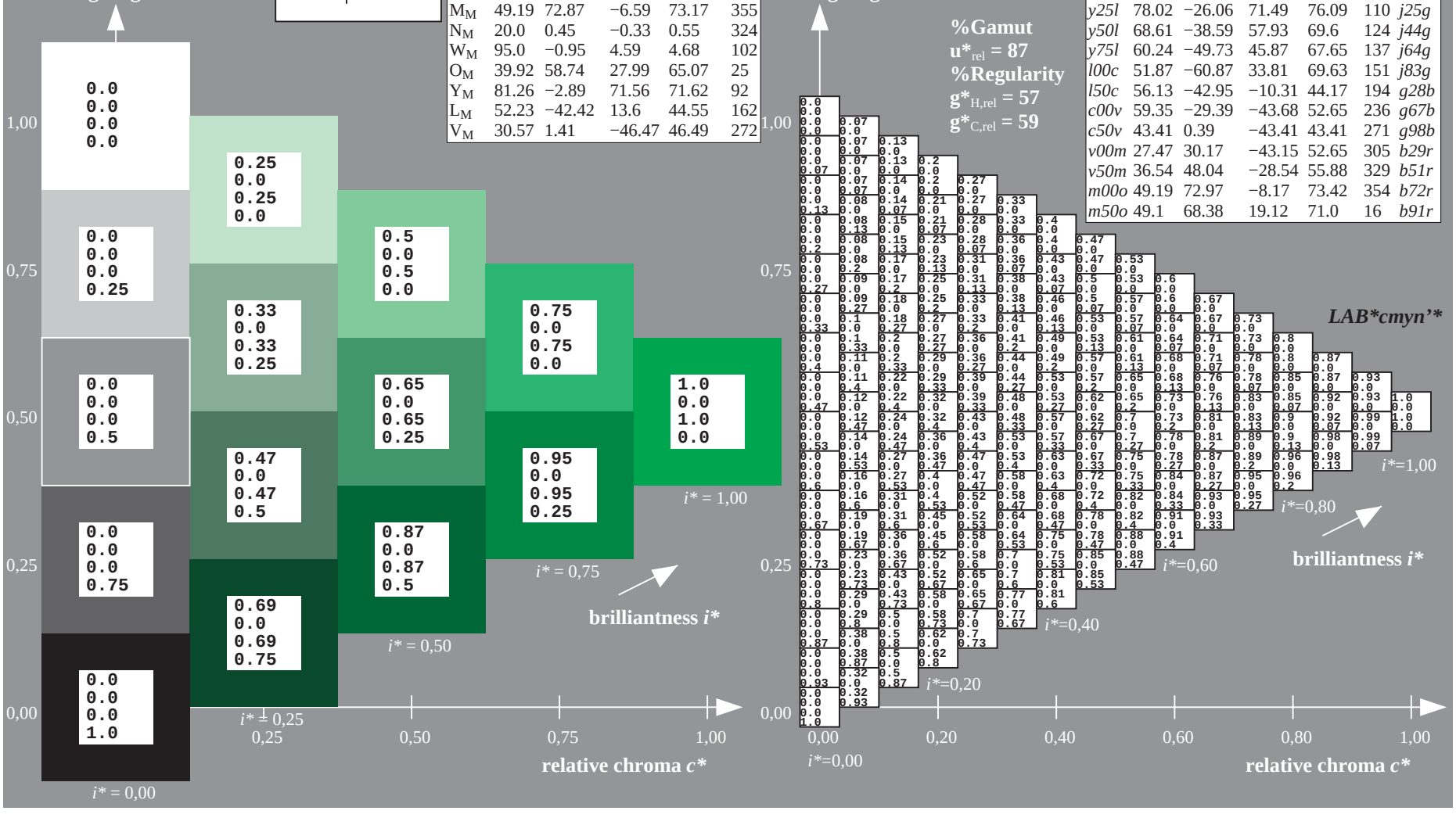
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −61 34
*LAB*LCH**$_{Ma}$: 52 70 150
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.16 1.0 0.0
triangle lightness *t**

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

ORS18_95aM; adapted (a) CIELAB data

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



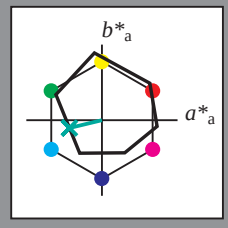
u^*_d = *l00c*
*LAB*cmyn'**

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

BAM registration: 20081001-Ee65/10L/L65E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.538$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g28b*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

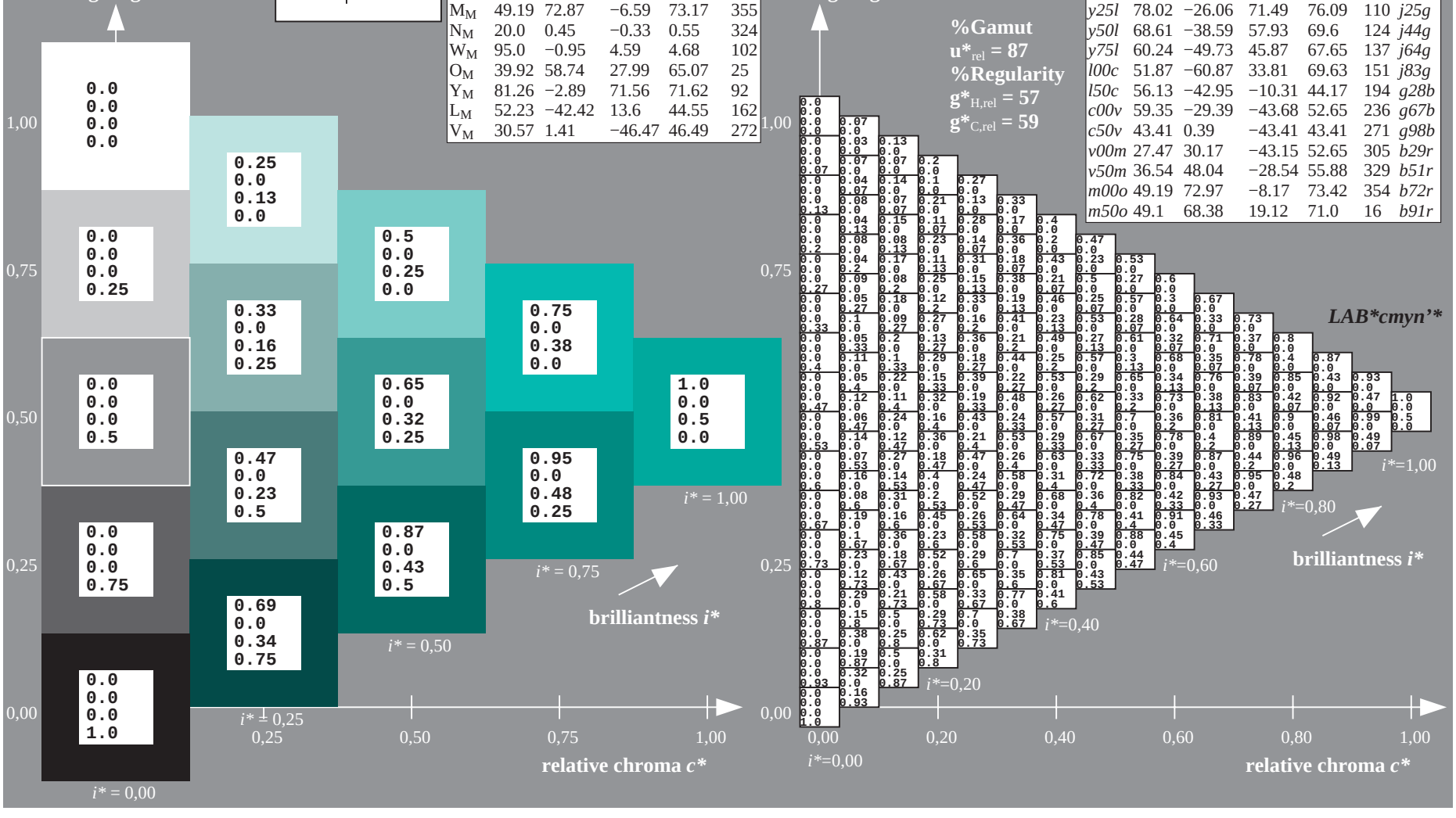
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 −43 −10
*LAB*LCH**$_{Ma}$: 56 44 193
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.57
triangle lightness *t**

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

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

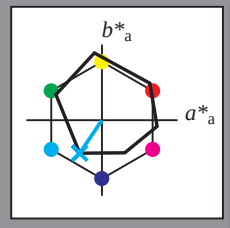
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g67b*
contrast reduction factor:
$c_R = 0.97$
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

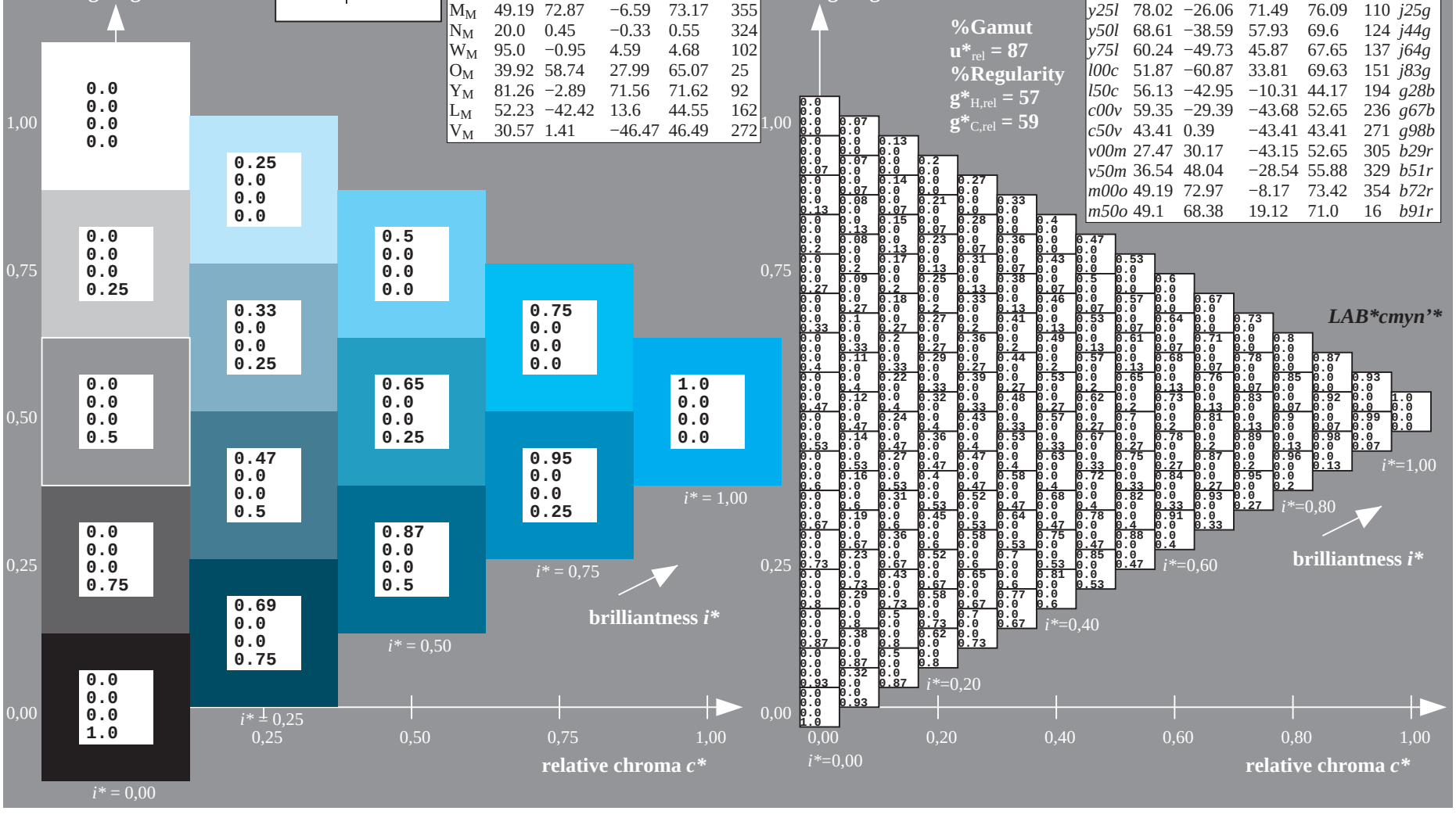
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 −29 −44
*LAB*LCH**$_{Ma}$: 59 53 236
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.65 1.0
triangle lightness *t**

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

u^*_d = *c00v*
*LAB*cmyn'**

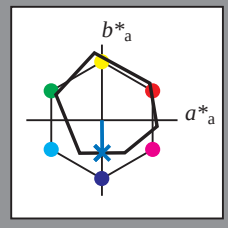
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *c50v* u^*_e = *g98b*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

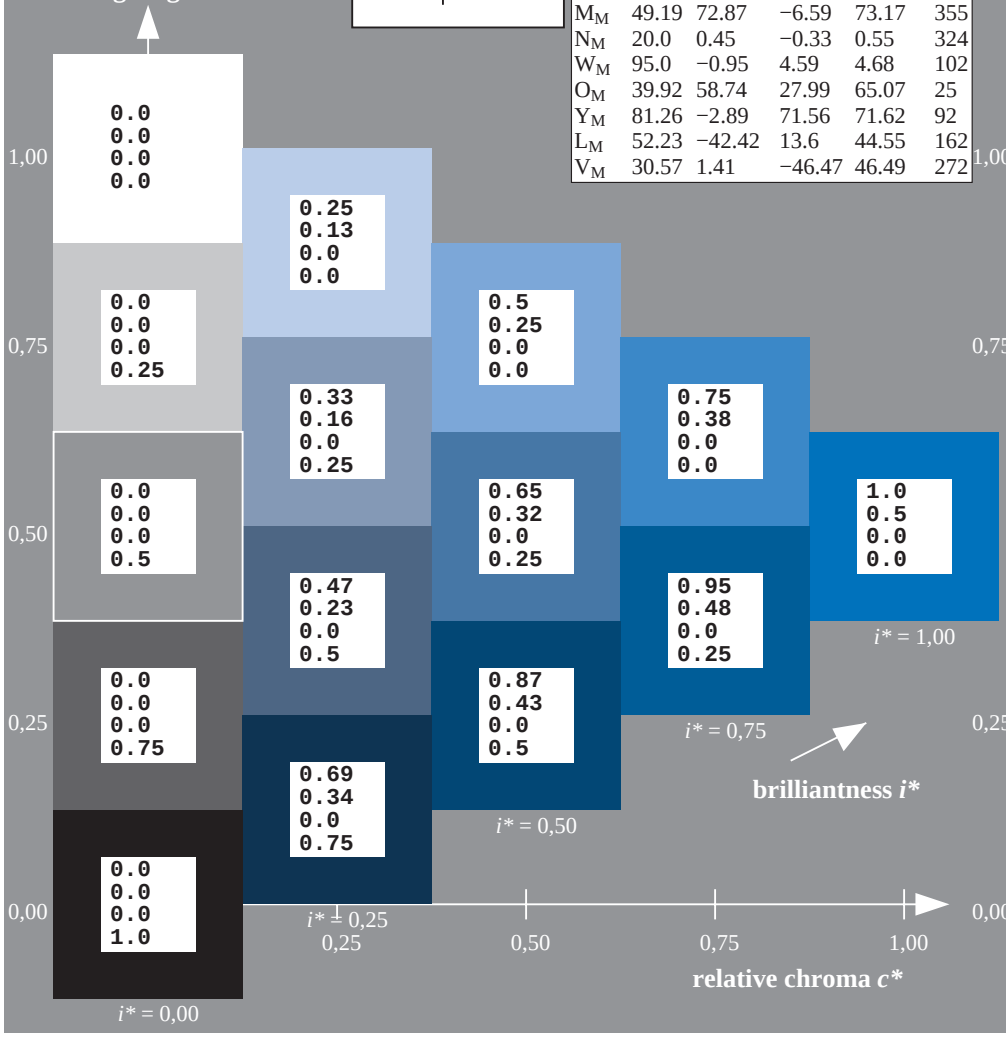
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$: 43 0 −43
LAB*LCH*$_{Ma}$: 43 43 270
lab*olv*$_{Ma}$: 0.0 0.5 1.0
lab*rgb*$_{Ma}$: 0.0 0.02 1.0
triangle lightness *t**

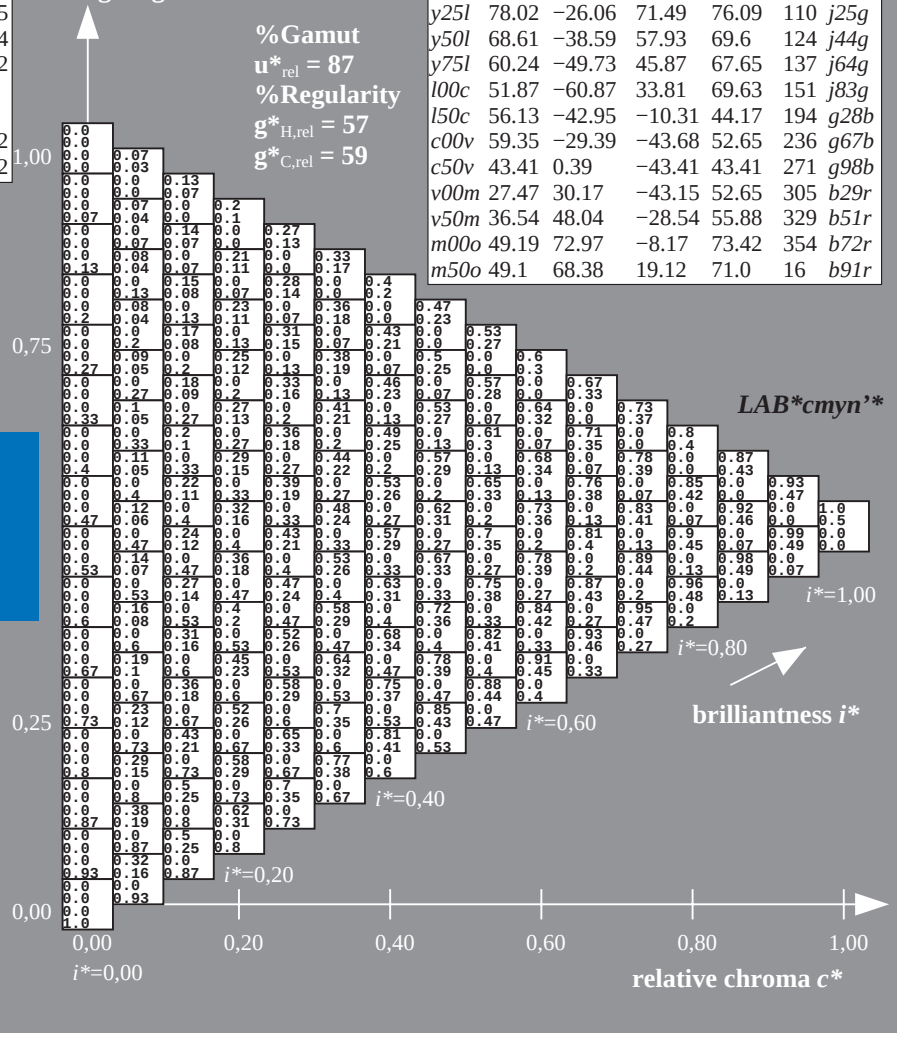
ORS18_95aM; adapted (a) CIELAB data

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

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

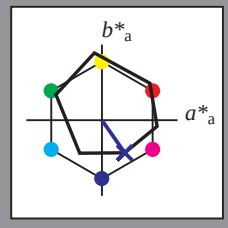
u*d = c50v
LAB*cmyn'*





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

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *v00m* u^*_e = *b29r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

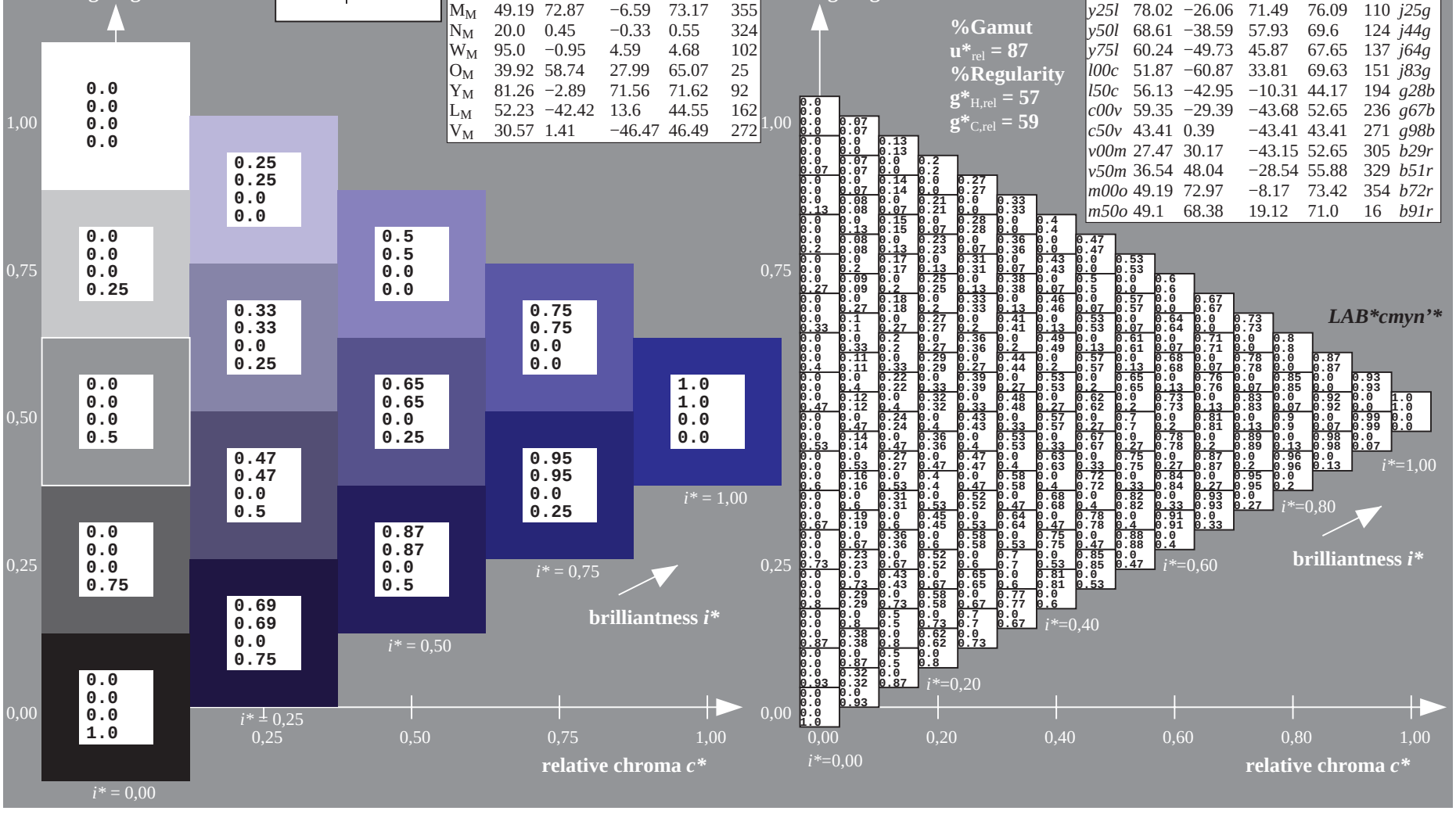
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 27 30 −43**
LAB*LCH*$_{Ma}$**: 27 53 304**
lab*olv*$_{Ma}$**: 0.0 0.0 1.0**
lab*rgb*$_{Ma}$**: 0.58 0.0 1.0**
triangle lightness *t**

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

u^*_d = *v00m*
LAB*cmyn'*

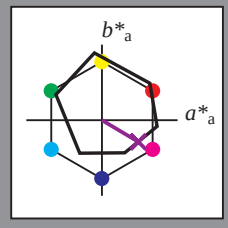
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *v50m* u^*_e = *b51r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

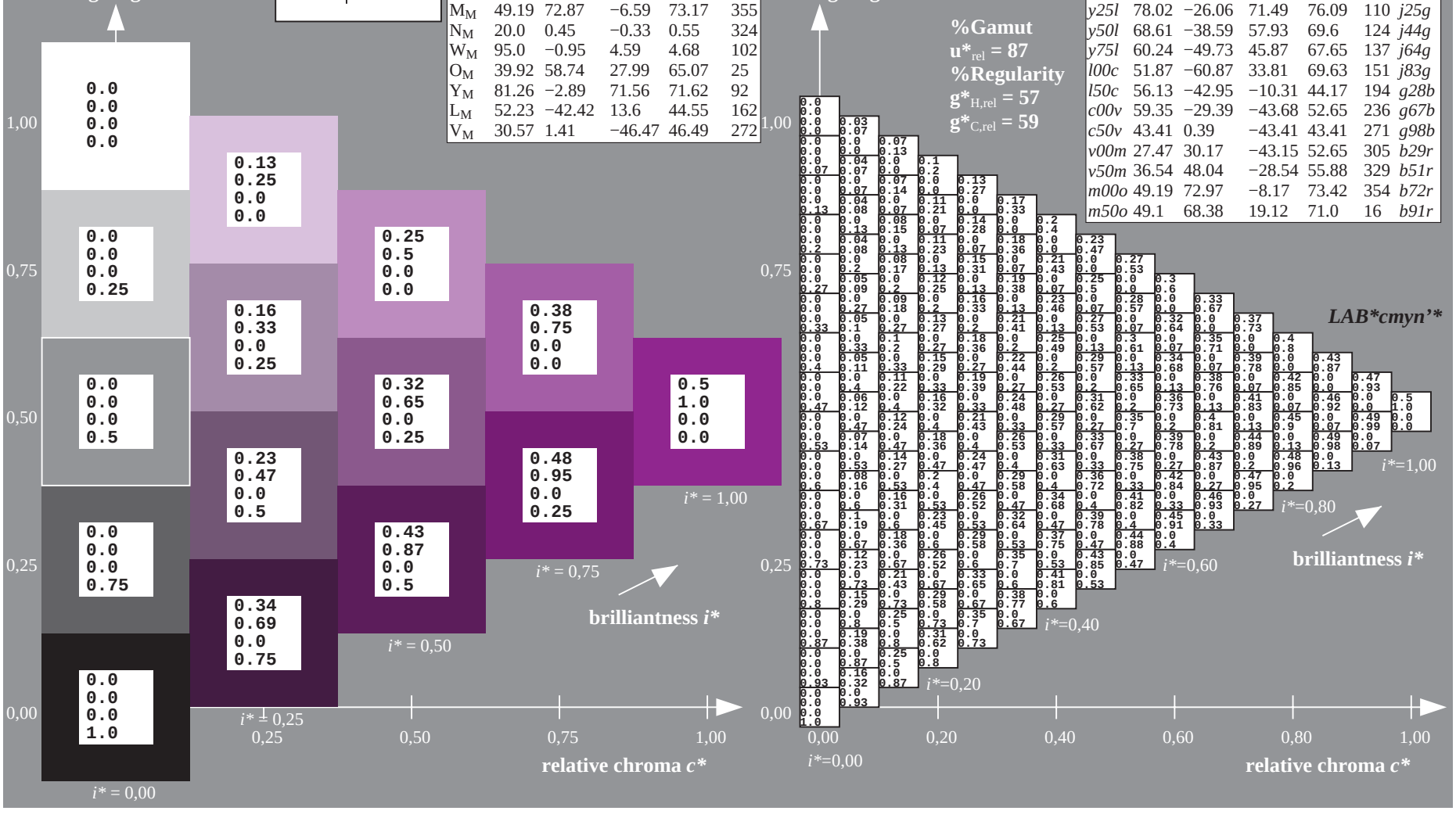
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 37 48 −29**
LAB*LCH*$_{Ma}$**: 37 56 329**
lab*olv*$_{Ma}$**: 0.5 0.0 1.0**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.99**
triangle lightness *t**

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

u^*_d = *v50m*
LAB*cmyn'*

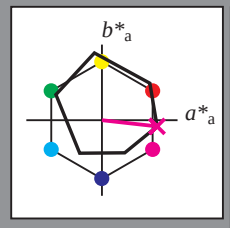
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *m00o* u^*_e = *b72r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

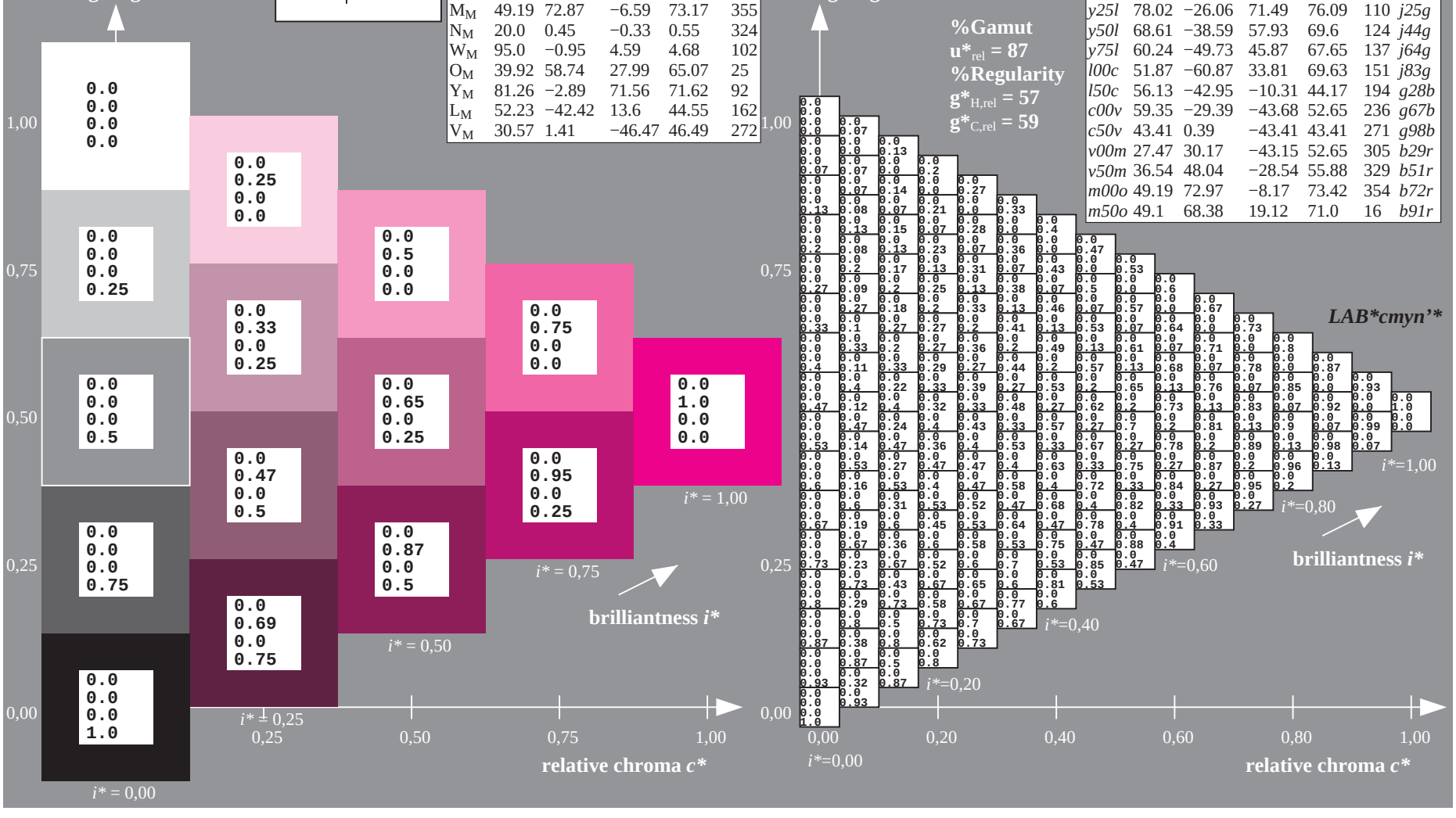
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 49 73 −8**
LAB*LCH*$_{Ma}$**: 49 73 353**
lab*olv*$_{Ma}$**: 1.0 0.0 1.0**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.56**
triangle lightness *t**

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

u*d = m00o
LAB*cmyn'*

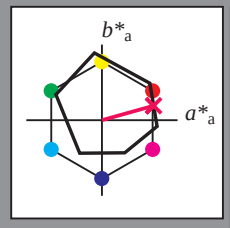
ORS18_95aM; adapted (a) CIELAB data

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



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

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *m50o* u^*_e = *b91r*
contrast reduction factor:
c_R = 0.97
triangle lightness *t**



ORS18_95aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	49.0	63.28	50.46	80.94	39
Y_M	90.12	−10.81	93.19	93.81	97
L_M	51.87	−61.02	35.57	70.63	150
C_M	59.35	−29.68	−41.42	50.96	234
V_M	27.47	30.47	−42.98	52.69	305
M_M	49.19	72.87	−6.59	73.17	355
N_M	20.0	0.45	−0.33	0.55	324
W_M	95.0	−0.95	4.59	4.68	102
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 49 68 19**
LAB*LCH*$_{Ma}$**: 49 71 15**
lab*olv*$_{Ma}$**: 1.0 0.0 0.5**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.17**
triangle lightness *t**

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

u**$_d$ = *m50o
LAB*cmyn'*

ORS18_95aM; adapted (a) CIELAB data

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