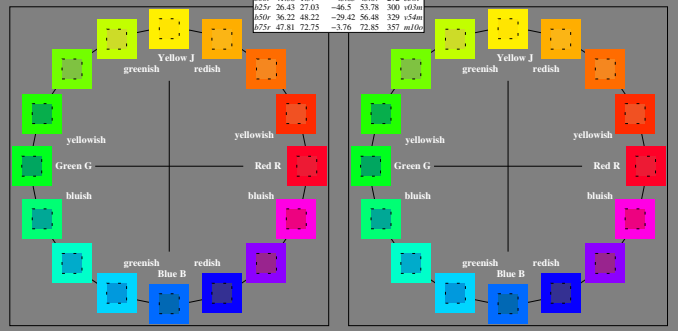
Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_c and number *no.* = 00 .. 15
elementary hue text:
u^*_c = 16 hues *r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

u^*_c	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00g	85.24	−3.4	84.28	84.35	92	*o93y*
g25g	78.53	−25.99	72.23	76.76	110	*y24l*
g50g	68.25	−42.61	56.0	70.37	127	*y55l*
g75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	46.86	190	*l45c*	
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



ORS20_95a; adapted (a) CIELAB data

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

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

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.071 u^*_c = *r00j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *r00j* u^*_d = *m84o*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 47 67 32
*LAB*LCH*$_{Ma}$: 47 75 25
*lab*rgb*$_{Ma}$: 1.0 0.0 0.0
*lab*alv*$_{Ma}$: 1.0 0.0 0.15
% Gamut $u^*_{c,i}$ = 87
% Regularity $g^*_{R,rel}$ = 67
$g^*_{C,rel}$ = 59
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.117 u^*_c = *r25j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *r25j* u^*_d = *o17y*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 54 53 48
*LAB*LCH*$_{Ma}$: 54 72 42
*lab*rgb*$_{Ma}$: 1.0 0.25 0.0
*lab*alv*$_{Ma}$: 1.0 0.17 0.0
% Gamut $u^*_{c,i}$ = 87
% Regularity $g^*_{R,rel}$ = 67
$g^*_{C,rel}$ = 59
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.164 u^*_c = *r50j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *r50j* u^*_d = *o42y*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 64 36 59
*LAB*LCH*$_{Ma}$: 64 69 58
*lab*rgb*$_{Ma}$: 1.0 0.5 0.0
*lab*alv*$_{Ma}$: 1.0 0.42 0.0
% Gamut $u^*_{c,i}$ = 87
% Regularity $g^*_{R,rel}$ = 67
$g^*_{C,rel}$ = 59
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.21 u^*_c = *r75j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *r75j* u^*_d = *o68y*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 73 18 71
*LAB*LCH*$_{Ma}$: 73 73 75
*lab*rgb*$_{Ma}$: 1.0 0.75 0.0
*lab*alv*$_{Ma}$: 1.0 0.68 0.0
% Gamut $u^*_{c,i}$ = 87
% Regularity $g^*_{R,rel}$ = 67
$g^*_{C,rel}$ = 59
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.256 u^*_c = *j00g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *j00g* u^*_d = *o93y*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 85 −3 84
*LAB*LCH*$_{Ma}$: 85 84 92
*lab*rgb*$_{Ma}$: 1.0 1.0 0.0
*lab*alv*$_{Ma}$: 1.0 0.94 0.0
% Gamut $u^*_{c,i}$ = 87
% Regularity $g^*_{R,rel}$ = 67
$g^*_{C,rel}$ = 59
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.305 u^*_c = *j25g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *j25g* u^*_d = *y24l*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 79 −26 72
*LAB*LCH*$_{Ma}$: 79 77 109
*lab*rgb*$_{Ma}$: 0.75 1.0 0.0
*lab*alv*$_{Ma}$: 0.76 1.0 0.0
% Gamut $u^*_{c,i}$ = 87
% Regularity $g^*_{R,rel}$ = 67
$g^*_{C,rel}$ = 59
brilliantness *i**
relative chroma *c**

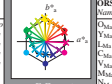
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.354 u^*_c = *j50g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *j50g* u^*_d = *y55l*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 68 −43 56
*LAB*LCH*$_{Ma}$: 68 70 127
*lab*rgb*$_{Ma}$: 0.5 1.0 0.0
*lab*alv*$_{Ma}$: 0.45 1.0 0.0
% Gamut $u^*_{c,i}$ = 87
% Regularity $g^*_{R,rel}$ = 67
$g^*_{C,rel}$ = 59
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.402 u^*_c = *j75g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *j75g* u^*_d = *y85l*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 59 −58 41
*LAB*LCH*$_{Ma}$: 59 71 144
*lab*rgb*$_{Ma}$: 0.25 1.0 0.0
*lab*alv*$_{Ma}$: 0.14 1.0 0.0
% Gamut $u^*_{c,i}$ = 87
% Regularity $g^*_{R,rel}$ = 67
$g^*_{C,rel}$ = 59
brilliantness *i**
relative chroma *c**

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_c and number *no.* = 00 .. 15
elementary hue text:
u^*_c = 16 hues *r00j, r25j, ..., b75r*
contrast reduction factor:
c_{RC} = 1.0

ORS20_95a; adapted (a) CIELAB data

u^*_c	$L^*a^*L^*_c$	a^*_c	b^*_c	$C^*_{ab,c}$	$h^*_{ab,c}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*112c*
g25b	58.18	−46.2	7.82	46.86	190	*145c*
g50b	60.08	−37.02	−27.87	46.34	217	*178c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



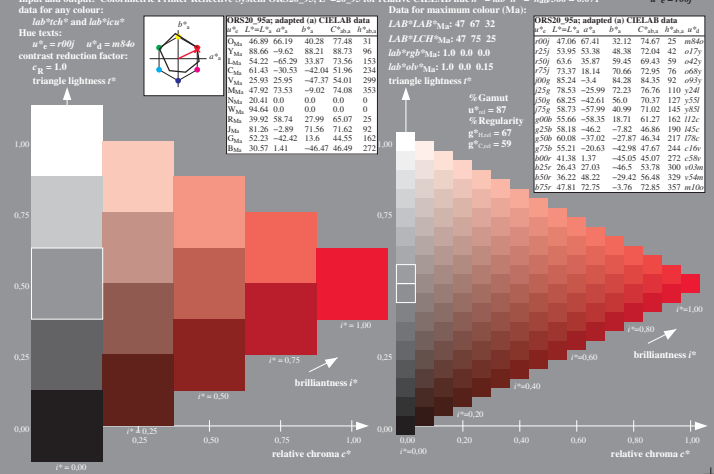
% Gamut $u^*_{c,G}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59

ORS20_95a; adapted (a) CIELAB data

Name	$L^*a^*L^*_c$	a^*_c	b^*_c	$C^*_{ab,c}$	$h^*_{ab,c}$
O_{Mx}	46.89	66.19	40.28	77.48	31
Y_{Mx}	88.66	−9.62	88.21	88.73	96
L_{Mx}	54.22	−65.29	33.87	73.56	151
C_{Mx}	61.43	−30.53	−42.04	51.96	234
V_{Mx}	25.93	25.95	−47.37	54.01	299
M_{Mx}	47.92	73.53	−9.02	74.08	353
N_{Mx}	20.41	0.0	0.0	0.0	0
W_{Mx}	94.64	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
R_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

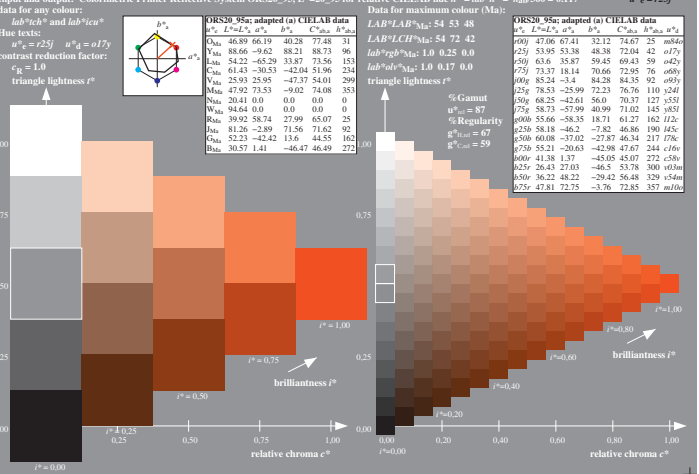
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360$ = 0.071 u^*_c = *r00j*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r00j* u^*_d = *m84o*
contrast reduction factor:
c_{RC} = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*$^*_{Ma}$: 47 67 32
*LAB*LCH*$^*_{Ma}$: 47 75 25
*lab*rgb*$^*_{Ma}$: 1.0 0.0 0.0
*lab*alv*$^*_{Ma}$: 1.0 0.0 0.15
triangle lightness t^*



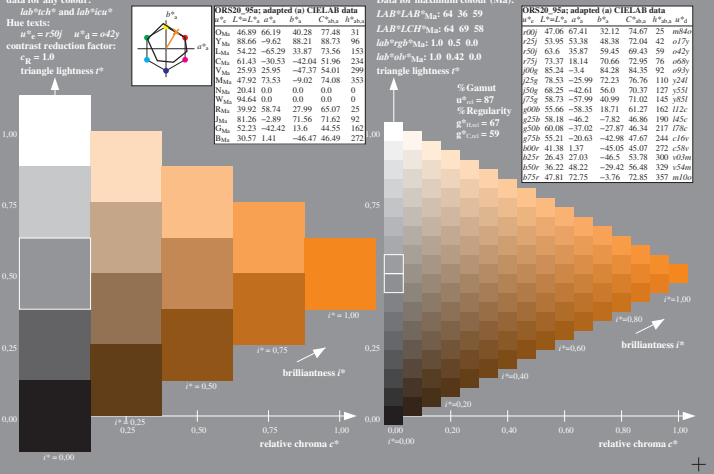
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360$ = 0.117 u^*_c = *r25j*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r25j* u^*_d = *o17y*
contrast reduction factor:
c_{RC} = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*$^*_{Ma}$: 54 53 48
*LAB*LCH*$^*_{Ma}$: 54 72 42
*lab*rgb*$^*_{Ma}$: 1.0 0.25 0.0
*lab*alv*$^*_{Ma}$: 1.0 0.17 0.0
triangle lightness t^*



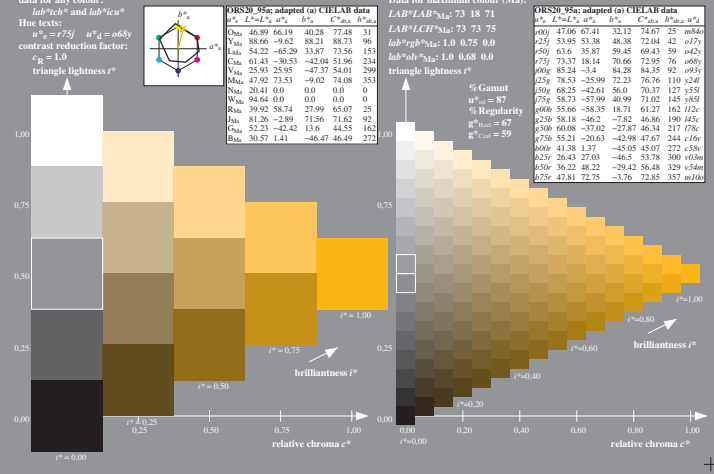
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360$ = 0.164 u^*_c = *r50j*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r50j* u^*_d = *o42y*
contrast reduction factor:
c_{RC} = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*$^*_{Ma}$: 64 36 59
*LAB*LCH*$^*_{Ma}$: 64 69 58
*lab*rgb*$^*_{Ma}$: 1.0 0.5 0.0
*lab*alv*$^*_{Ma}$: 1.0 0.42 0.0
triangle lightness t^*



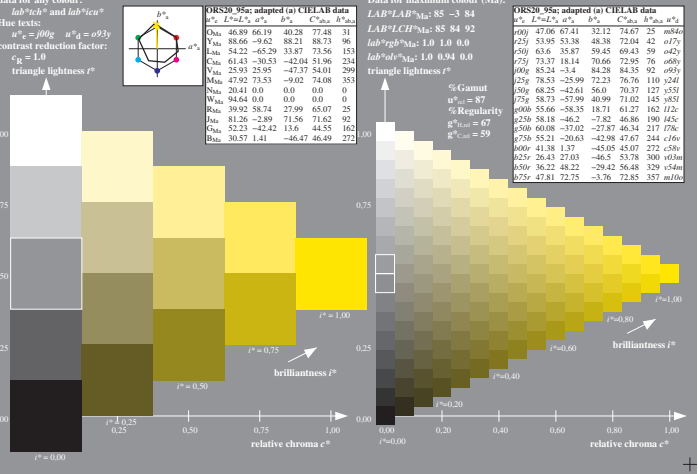
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360$ = 0.21 u^*_c = *r75j*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r75j* u^*_d = *o68y*
contrast reduction factor:
c_{RC} = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*$^*_{Ma}$: 73 18 71
*LAB*LCH*$^*_{Ma}$: 73 73 75
*lab*rgb*$^*_{Ma}$: 1.0 0.75 0.0
*lab*alv*$^*_{Ma}$: 1.0 0.68 0.0
triangle lightness t^*



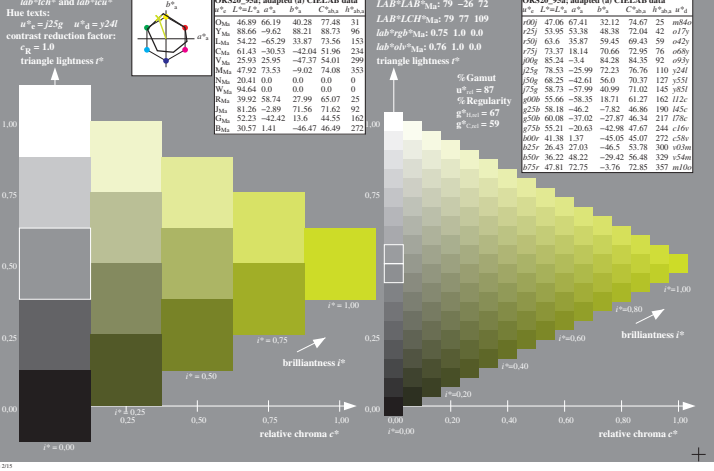
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360$ = 0.256 u^*_c = *j00g*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j00g* u^*_d = *o93y*
contrast reduction factor:
c_{RC} = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*$^*_{Ma}$: 85 −3 84
*LAB*LCH*$^*_{Ma}$: 85 84 92
*lab*rgb*$^*_{Ma}$: 1.0 1.0 0.0
*lab*alv*$^*_{Ma}$: 1.0 0.94 0.0
triangle lightness t^*



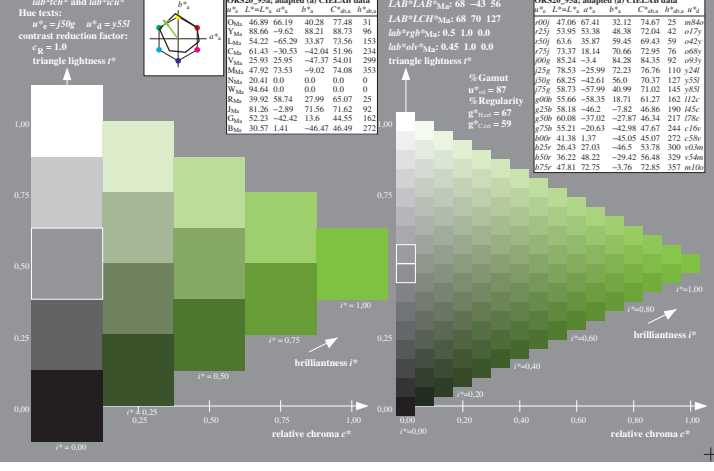
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360$ = 0.305 u^*_c = *j25g*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j25g* u^*_d = *y24l*
contrast reduction factor:
c_{RC} = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*$^*_{Ma}$: 79 −26 72
*LAB*LCH*$^*_{Ma}$: 79 77 109
*lab*rgb*$^*_{Ma}$: 0.75 1.0 0.0
*lab*alv*$^*_{Ma}$: 0.76 1.0 0.0
triangle lightness t^*



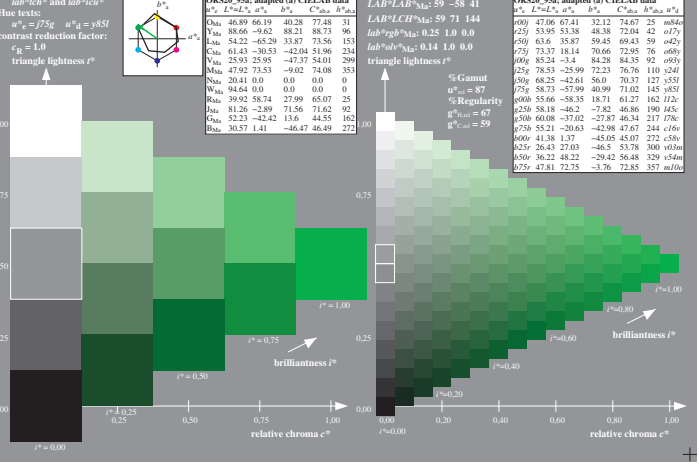
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360$ = 0.354 u^*_c = *j50g*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j50g* u^*_d = *y55l*
contrast reduction factor:
c_{RC} = 1.0
triangle lightness t^*

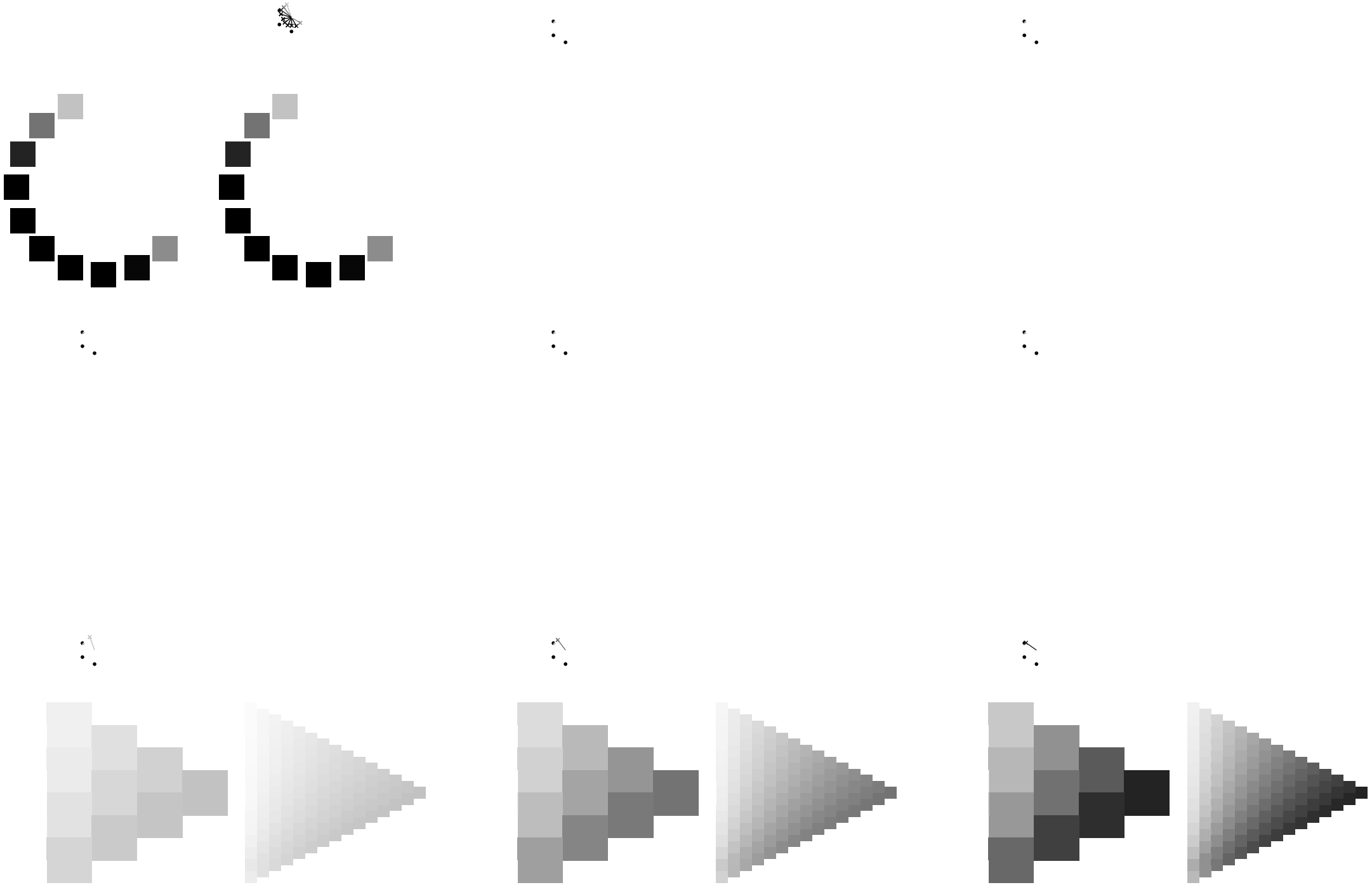
Data for maximum colour (Ma):
*LAB*LAB*$^*_{Ma}$: 68 −43 56
*LAB*LCH*$^*_{Ma}$: 68 70 127
*lab*rgb*$^*_{Ma}$: 0.5 1.0 0.0
*lab*alv*$^*_{Ma}$: 0.45 1.0 0.0
triangle lightness t^*

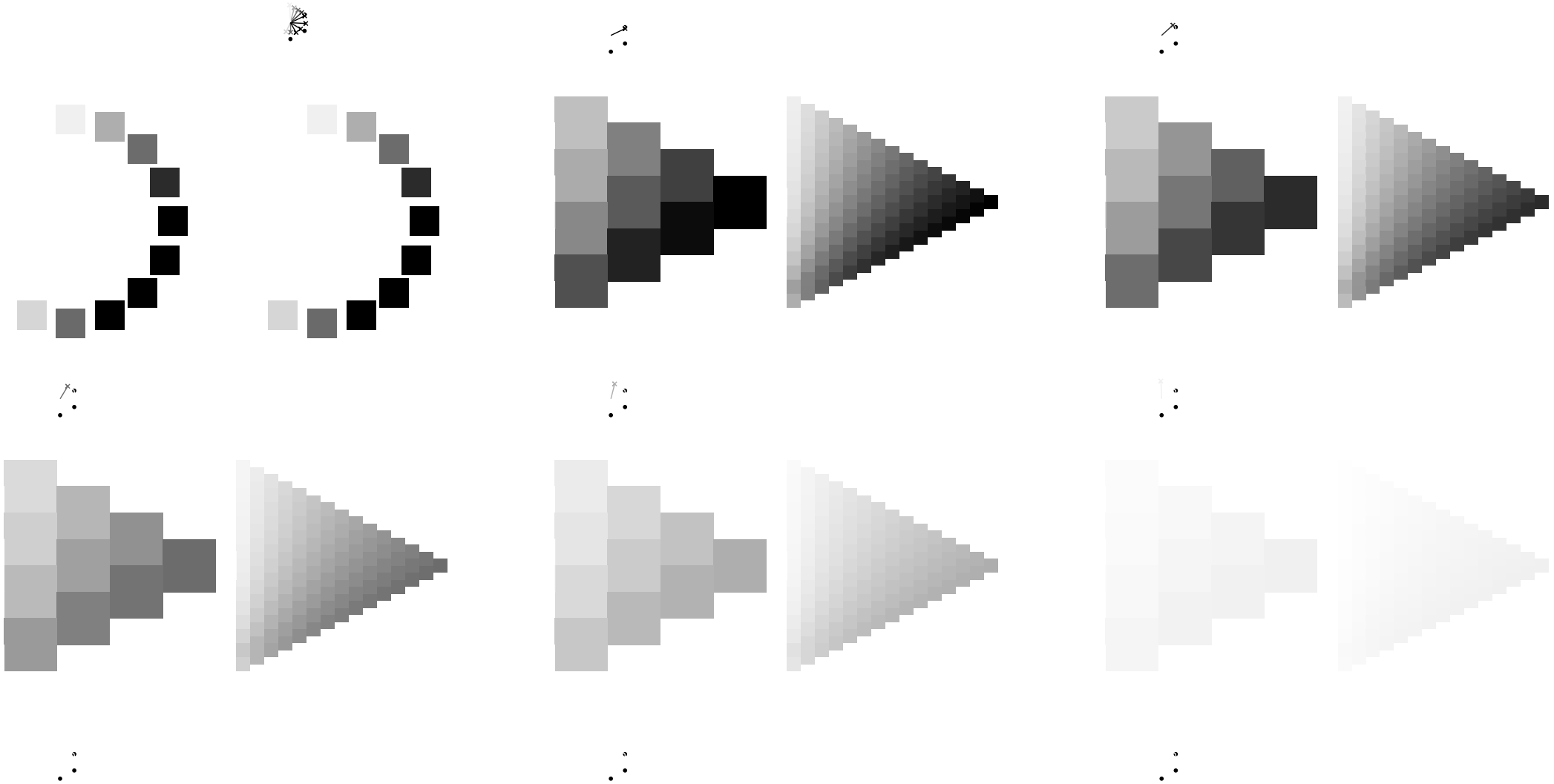


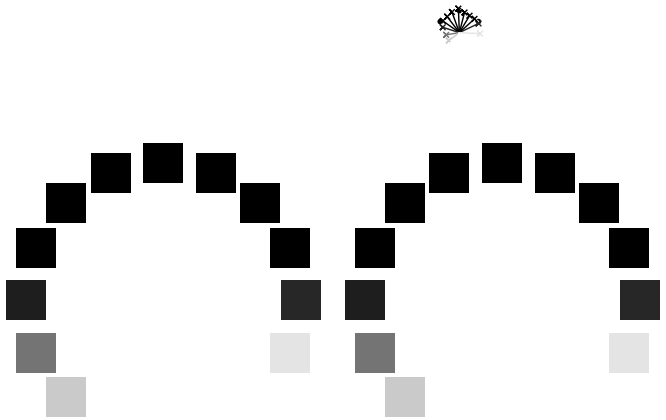
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360$ = 0.402 u^*_c = *j75g*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j75g* u^*_d = *y85l*
contrast reduction factor:
c_{RC} = 1.0
triangle lightness t^*

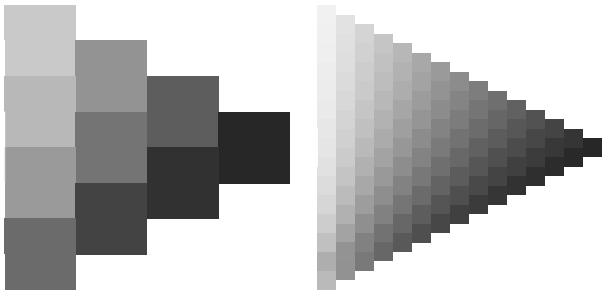
Data for maximum colour (Ma):
*LAB*LAB*$^*_{Ma}$: 59 −58 41
*LAB*LCH*$^*_{Ma}$: 59 71 144
*lab*rgb*$^*_{Ma}$: 0.25 1.0 0.0
*lab*alv*$^*_{Ma}$: 0.14 1.0 0.0
triangle lightness t^*

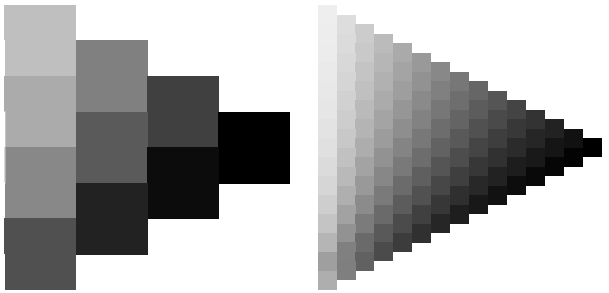


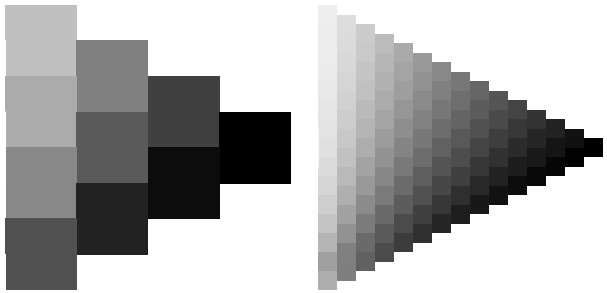


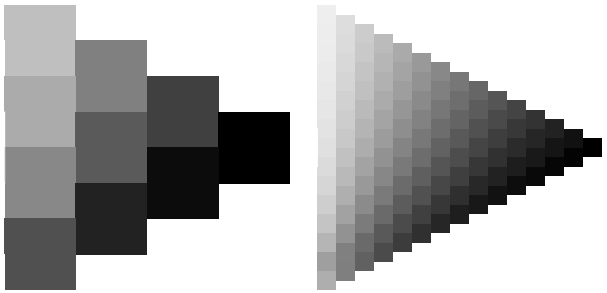


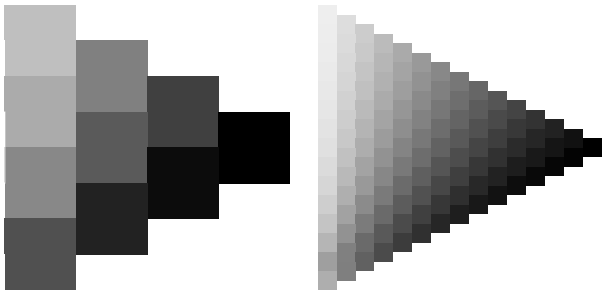


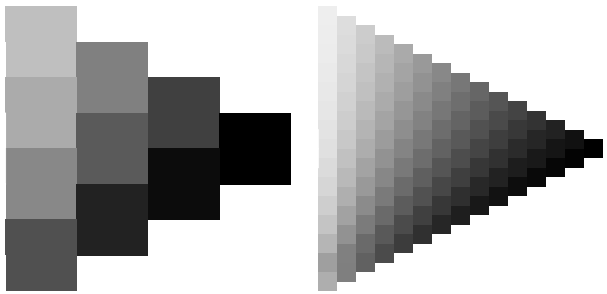


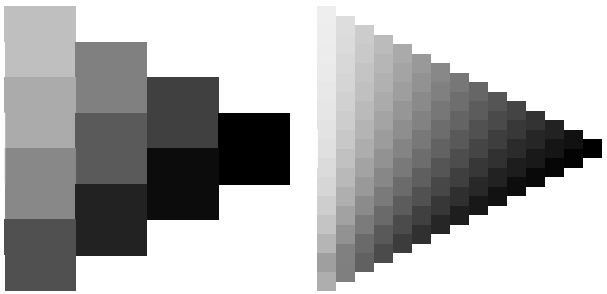


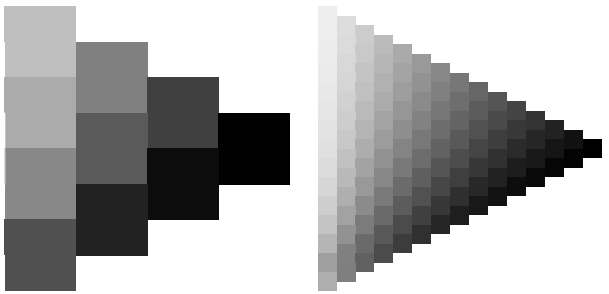








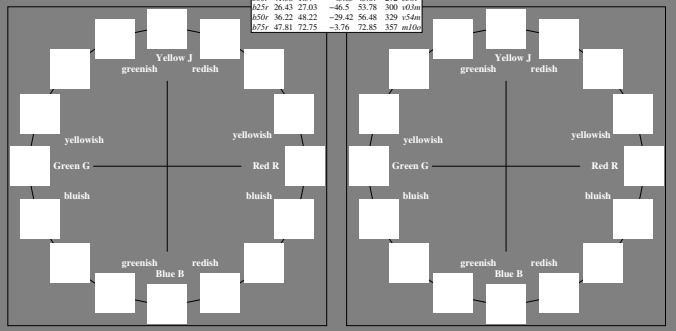




Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_E **and number** *no.* **= 00 .. 15**
elementary hue text:
u^*_E **= 16 hues** *r00j, r25j, ..., b75r*
contrast reduction factor:
c_R **= 1.0**

ORS20_95a; adapted (a) CIELAB data

u^*_E	$L^*=L^*_S$	a^*_S	b^*_S	$C^*_{ab,S}$	$h^*_{ab,S}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*112c*
g25b	58.18	−46.2	−7.82	46.86	190	*145c*
g50b	60.08	−37.02	−27.87	46.34	217	*178c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



%Gamut
$u^*_{\Delta E}$ **= 87**
%Regularity
$g^*_{R,tol}$ **= 67**
$g^*_{C,tol}$ **= 59**

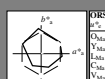
ORS20_95a; adapted (a) CIELAB data

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

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$ $u^*_E = r00j$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_E = r00j$ $u^*_d = m84o$
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

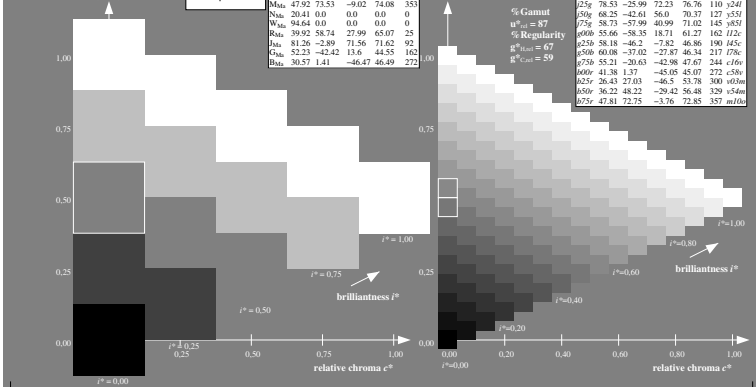
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 47 67 32**
$LAB^*LCH^*_{Ma}$**: 47 75 25**
$lab^*rgb^*_{Ma}$**: 1.0 0.0 0.0**
$lab^*alv^*_{Ma}$**: 1.0 0.0 0.15**
triangle lightness t^*

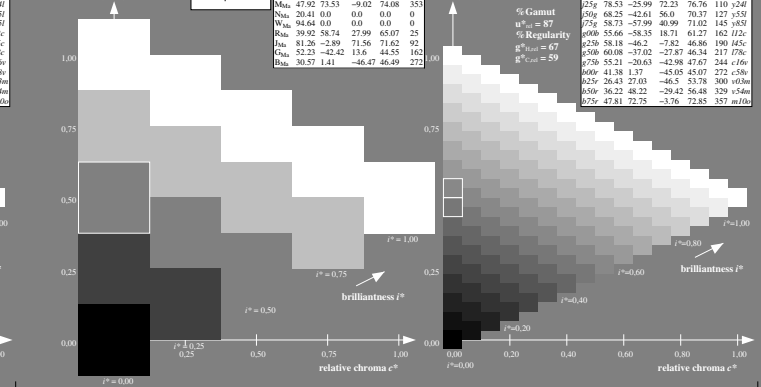


%Gamut
$u^*_{\Delta E}$ **= 87**
%Regularity
$g^*_{R,tol}$ **= 67**
$g^*_{C,tol}$ **= 59**

ORS20_95a; adapted (a) CIELAB data

u^*_E	$L^*=L^*_S$	a^*_S	b^*_S	$C^*_{ab,S}$	$h^*_{ab,S}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*112c*
g25b	58.18	−46.2	−7.82	46.86	190	*145c*
g50b	60.08	−37.02	−27.87	46.34	217	*178c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$ $u^*_E = r25j$

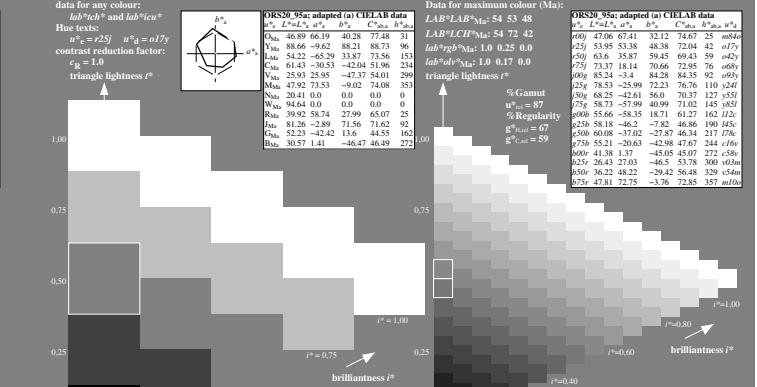
data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_E = r25j$ $u^*_d = o17y$
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 54 53 48**
$LAB^*LCH^*_{Ma}$**: 54 72 42**
$lab^*rgb^*_{Ma}$**: 1.0 0.25 0.0**
$lab^*alv^*_{Ma}$**: 1.0 0.17 0.0**
triangle lightness t^*

%Gamut
$u^*_{\Delta E}$ **= 87**
%Regularity
$g^*_{R,tol}$ **= 67**
$g^*_{C,tol}$ **= 59**

ORS20_95a; adapted (a) CIELAB data

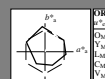
u^*_E	$L^*=L^*_S$	a^*_S	b^*_S	$C^*_{ab,S}$	$h^*_{ab,S}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*112c*
g25b	58.18	−46.2	−7.82	46.86	190	*145c*
g50b	60.08	−37.02	−27.87	46.34	217	*178c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$ $u^*_E = r50j$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_E = r50j$ $u^*_d = o42y$
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 64 36 59**
$LAB^*LCH^*_{Ma}$**: 64 69 58**
$lab^*rgb^*_{Ma}$**: 1.0 0.5 0.0**
$lab^*alv^*_{Ma}$**: 1.0 0.42 0.0**
triangle lightness t^*



%Gamut
$u^*_{\Delta E}$ **= 87**
%Regularity
$g^*_{R,tol}$ **= 67**
$g^*_{C,tol}$ **= 59**

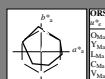
ORS20_95a; adapted (a) CIELAB data

u^*_E	$L^*=L^*_S$	a^*_S	b^*_S	$C^*_{ab,S}$	$h^*_{ab,S}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*112c*
g25b	58.18	−46.2	−7.82	46.86	190	*145c*
g50b	60.08	−37.02	−27.87	46.34	217	*178c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$ $u^*_E = r75j$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_E = r75j$ $u^*_d = o68y$
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

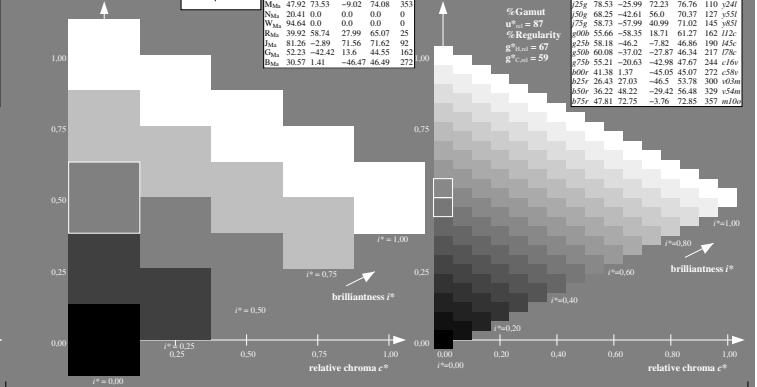
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 73 18 71**
$LAB^*LCH^*_{Ma}$**: 73 73 75**
$lab^*rgb^*_{Ma}$**: 1.0 0.75 0.0**
$lab^*alv^*_{Ma}$**: 1.0 0.68 0.0**
triangle lightness t^*



%Gamut
$u^*_{\Delta E}$ **= 87**
%Regularity
$g^*_{R,tol}$ **= 67**
$g^*_{C,tol}$ **= 59**

ORS20_95a; adapted (a) CIELAB data

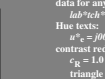
u^*_E	$L^*=L^*_S$	a^*_S	b^*_S	$C^*_{ab,S}$	$h^*_{ab,S}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*112c*
g25b	58.18	−46.2	−7.82	46.86	190	*145c*
g50b	60.08	−37.02	−27.87	46.34	217	*178c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$ $u^*_E = j00g$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_E = j00g$ $u^*_d = o93y$
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

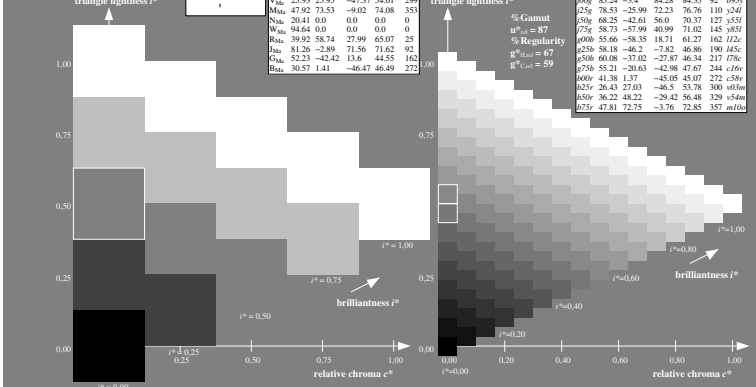
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 85 −3 84**
$LAB^*LCH^*_{Ma}$**: 85 84 92**
$lab^*rgb^*_{Ma}$**: 1.0 1.0 0.0**
$lab^*alv^*_{Ma}$**: 1.0 0.94 0.0**
triangle lightness t^*



%Gamut
$u^*_{\Delta E}$ **= 87**
%Regularity
$g^*_{R,tol}$ **= 67**
$g^*_{C,tol}$ **= 59**

ORS20_95a; adapted (a) CIELAB data

u^*_E	$L^*=L^*_S$	a^*_S	b^*_S	$C^*_{ab,S}$	$h^*_{ab,S}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*112c*
g25b	58.18	−46.2	−7.82	46.86	190	*145c*
g50b	60.08	−37.02	−27.87	46.34	217	*178c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$ $u^*_E = j25g$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_E = j25g$ $u^*_d = y24l$
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 79 −26 72**
$LAB^*LCH^*_{Ma}$**: 79 77 109**
$lab^*rgb^*_{Ma}$**: 0.75 1.0 0.0**
$lab^*alv^*_{Ma}$**: 0.76 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{\Delta E}$ **= 87**
%Regularity
$g^*_{R,tol}$ **= 67**
$g^*_{C,tol}$ **= 59**

ORS20_95a; adapted (a) CIELAB data

u^*_E	$L^*=L^*_S$	a^*_S	b^*_S	$C^*_{ab,S}$	$h^*_{ab,S}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*112c*
g25b	58.18	−46.2	−7.82	46.86	190	*145c*
g50b	60.08	−37.02	−27.87	46.34	217	*178c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$ $u^*_E = j50g$

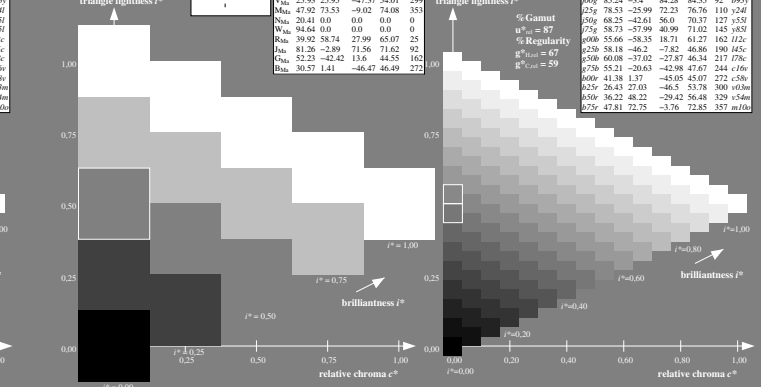
data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_E = j50g$ $u^*_d = y55l$
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 68 −43 56**
$LAB^*LCH^*_{Ma}$**: 68 70 127**
$lab^*rgb^*_{Ma}$**: 0.5 1.0 0.0**
$lab^*alv^*_{Ma}$**: 0.45 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{\Delta E}$ **= 87**
%Regularity
$g^*_{R,tol}$ **= 67**
$g^*_{C,tol}$ **= 59**

ORS20_95a; adapted (a) CIELAB data

u^*_E	$L^*=L^*_S$	a^*_S	b^*_S	$C^*_{ab,S}$	$h^*_{ab,S}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*112c*
g25b	58.18	−46.2	−7.82	46.86	190	*145c*
g50b	60.08	−37.02	−27.87	46.34	217	*178c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$ $u^*_E = j75g$

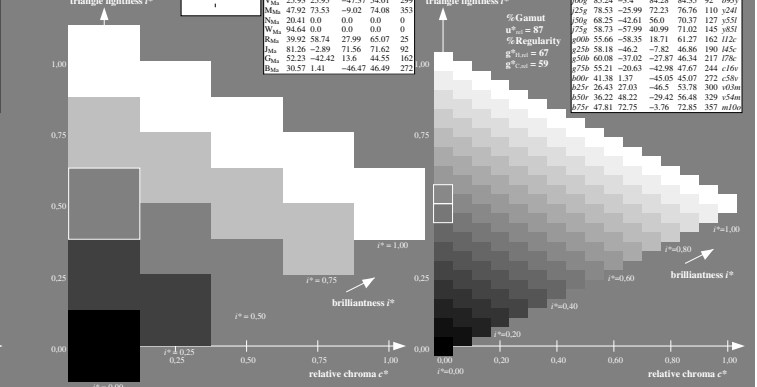
data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_E = j75g$ $u^*_d = y85l$
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 59 −58 41**
$LAB^*LCH^*_{Ma}$**: 59 71 144**
$lab^*rgb^*_{Ma}$**: 0.25 1.0 0.0**
$lab^*alv^*_{Ma}$**: 0.14 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{\Delta E}$ **= 87**
%Regularity
$g^*_{R,tol}$ **= 67**
$g^*_{C,tol}$ **= 59**

ORS20_95a; adapted (a) CIELAB data

u^*_E	$L^*=L^*_S$	a^*_S	b^*_S	$C^*_{ab,S}$	$h^*_{ab,S}$	u^*_E
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*112c*
g25b	58.18	−46.2	−7.82	46.86	190	*145c*
g50b	60.08	−37.02	−27.87	46.34	217	*178c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



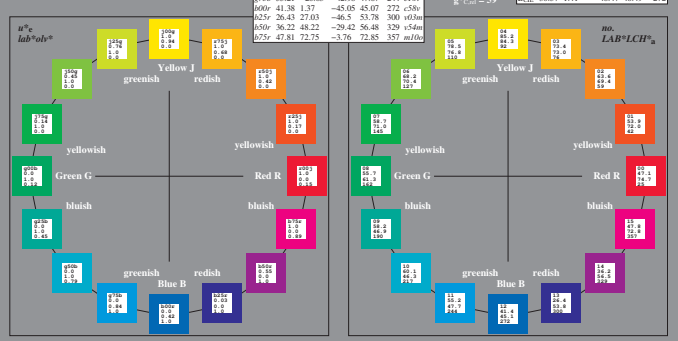
Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_c and number *no.* = 00 .. 15
elementary hue text:
u^*_c = 16 hues *r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 1.0

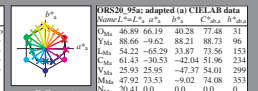
ORS20_95a; adapted (a) CIELAB data

u^*_c	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00g	85.24	−3.4	84.28	84.35	92	*o93y*
g25g	78.53	−25.99	72.23	76.76	110	*y24l*
g50g	68.25	−42.61	56.0	70.37	127	*y55l*
g75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

ORS20_95a; adapted (a) CIELAB data

Name	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{MK}	46.89	66.19	40.28	77.48	31
Y_{MK}	88.66	−9.62	88.21	88.73	96
L_{MK}	54.22	−65.29	33.87	73.56	151
C_{MK}	61.43	−30.53	−42.04	51.96	234
V_{MK}	25.93	25.95	−47.37	54.01	299
M_{MK}	47.92	73.53	−9.02	74.08	353
W_{PA}	20.41	0.0	0.0	0.0	0
W_{BA}	94.64	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
R_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272



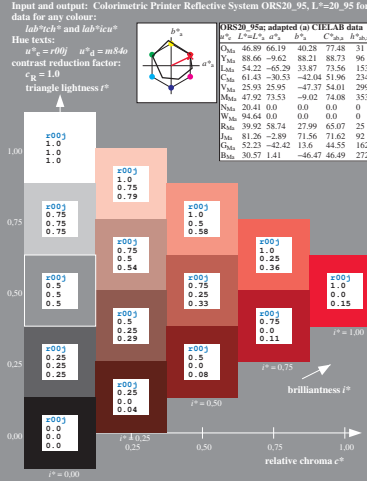


% Gamut
$u^*_{c,i}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.071 u^*_c = *r00j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r00j* u^*_d = *m84o*
contrast reduction factor:
c_R = 1.0
triangle lightness *t:**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 47 67 32
*LAB*LCH*$_{Ma}$: 47 75 25
*lab*rgb*$_{Ma}$: 1.0 0.0 0.0
*lab*olv*$_{Ma}$: 1.0 0.0 0.15
*lab*olv**

ORS20_95a; adapted (a) CIELAB data

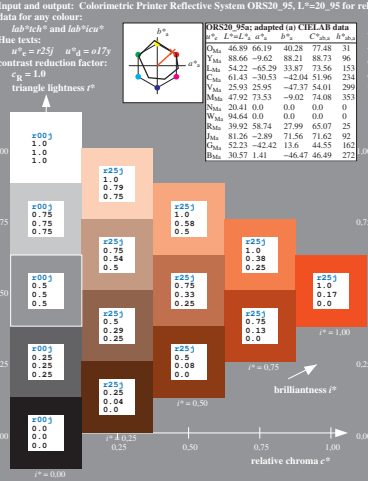
u^*_c	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00g	85.24	−3.4	84.28	84.35	92	*o93y*
g25g	78.53	−25.99	72.23	76.76	110	*y24l*
g50g	68.25	−42.61	56.0	70.37	127	*y55l*
g75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.117 u^*_c = *r25j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r25j* u^*_d = *o17y*
contrast reduction factor:
c_R = 1.0
triangle lightness *t:**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 54 53 48
*LAB*LCH*$_{Ma}$: 54 72 42
*lab*rgb*$_{Ma}$: 1.0 0.25 0.0
*lab*olv*$_{Ma}$: 1.0 0.17 0.0
*lab*olv**

ORS20_95a; adapted (a) CIELAB data

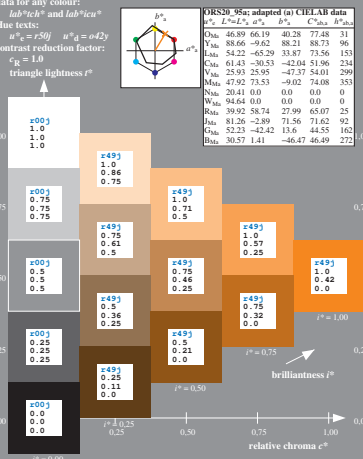
u^*_c	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00g	85.24	−3.4	84.28	84.35	92	*o93y*
g25g	78.53	−25.99	72.23	76.76	110	*y24l*
g50g	68.25	−42.61	56.0	70.37	127	*y55l*
g75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.164 u^*_c = *r50j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r50j* u^*_d = *o42y*
contrast reduction factor:
c_R = 1.0
triangle lightness *t:**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 64 36 59
*LAB*LCH*$_{Ma}$: 64 69 58
*lab*rgb*$_{Ma}$: 1.0 0.5 0.0
*lab*olv*$_{Ma}$: 1.0 0.42 0.0
*lab*olv**

ORS20_95a; adapted (a) CIELAB data

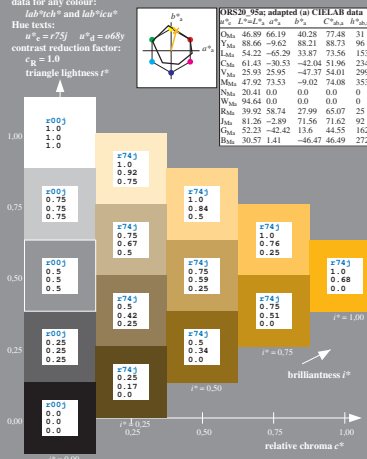
u^*_c	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00g	85.24	−3.4	84.28	84.35	92	*o93y*
g25g	78.53	−25.99	72.23	76.76	110	*y24l*
g50g	68.25	−42.61	56.0	70.37	127	*y55l*
g75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.21 u^*_c = *r75j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r75j* u^*_d = *o68y*
contrast reduction factor:
c_R = 1.0
triangle lightness *t:**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 73 18 71
*LAB*LCH*$_{Ma}$: 73 73 75
*lab*rgb*$_{Ma}$: 1.0 0.75 0.0
*lab*olv*$_{Ma}$: 1.0 0.68 0.0
*lab*olv**

ORS20_95a; adapted (a) CIELAB data

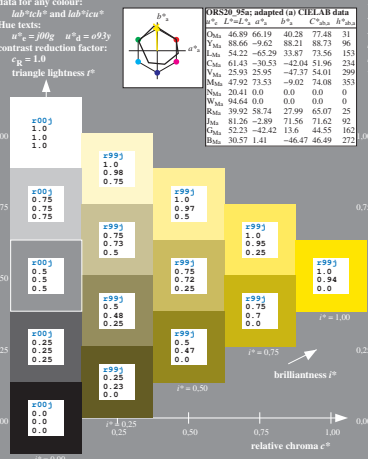
u^*_c	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00g	85.24	−3.4	84.28	84.35	92	*o93y*
g25g	78.53	−25.99	72.23	76.76	110	*y24l*
g50g	68.25	−42.61	56.0	70.37	127	*y55l*
g75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.256 u^*_c = *j00g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j00g* u^*_d = *o93y*
contrast reduction factor:
c_R = 1.0
triangle lightness *t:**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 85 −3 84
*LAB*LCH*$_{Ma}$: 85 84 92
*lab*rgb*$_{Ma}$: 1.0 1.0 0.0
*lab*olv*$_{Ma}$: 1.0 0.94 0.0
*lab*olv**

ORS20_95a; adapted (a) CIELAB data

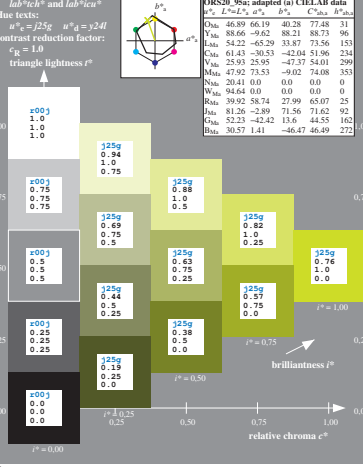
u^*_c	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00g	85.24	−3.4	84.28	84.35	92	*o93y*
g25g	78.53	−25.99	72.23	76.76	110	*y24l*
g50g	68.25	−42.61	56.0	70.37	127	*y55l*
g75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.305 u^*_c = *j25g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j25g* u^*_d = *y24l*
contrast reduction factor:
c_R = 1.0
triangle lightness *t:**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 79 −26 72
*LAB*LCH*$_{Ma}$: 79 77 109
*lab*rgb*$_{Ma}$: 0.75 1.0 0.0
*lab*olv*$_{Ma}$: 0.76 1.0 0.0
*lab*olv**

ORS20_95a; adapted (a) CIELAB data

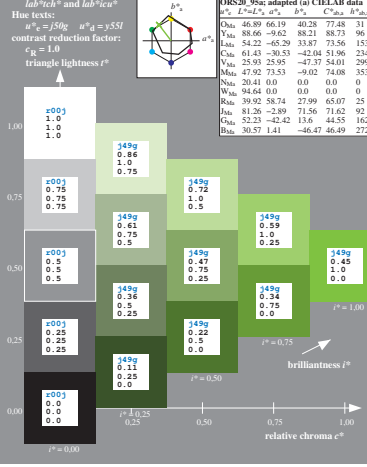
u^*_c	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00g	85.24	−3.4	84.28	84.35	92	*o93y*
g25g	78.53	−25.99	72.23	76.76	110	*y24l*
g50g	68.25	−42.61	56.0	70.37	127	*y55l*
g75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.354 u^*_c = *j50g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j50g* u^*_d = *y55l*
contrast reduction factor:
c_R = 1.0
triangle lightness *t:**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 68 −43 56
*LAB*LCH*$_{Ma}$: 68 70 127
*lab*rgb*$_{Ma}$: 0.5 1.0 0.0
*lab*olv*$_{Ma}$: 0.45 1.0 0.0
*lab*olv**

ORS20_95a; adapted (a) CIELAB data

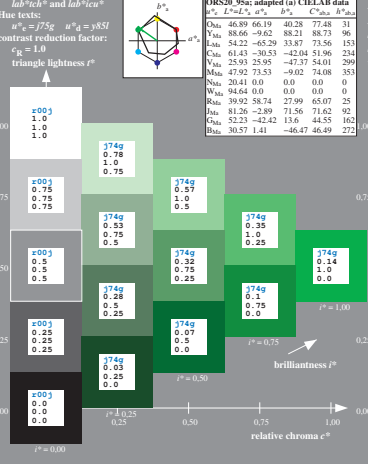
u^*_c	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00g	85.24	−3.4	84.28	84.35	92	*o93y*
g25g	78.53	−25.99	72.23	76.76	110	*y24l*
g50g	68.25	−42.61	56.0	70.37	127	*y55l*
g75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.402 u^*_c = *j75g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j75g* u^*_d = *y85l*
contrast reduction factor:
c_R = 1.0
triangle lightness *t:**
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 59 −58 41
*LAB*LCH*$_{Ma}$: 59 71 144
*lab*rgb*$_{Ma}$: 0.25 1.0 0.0
*lab*olv*$_{Ma}$: 0.14 1.0 0.0
*lab*olv**

ORS20_95a; adapted (a) CIELAB data

u^*_c	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00g	85.24	−3.4	84.28	84.35	92	*o93y*
g25g	78.53	−25.99	72.23	76.76	110	*y24l*
g50g	68.25	−42.61	56.0	70.37	127	*y55l*
g75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*



Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_c and number $no.$ = 00 .. 15
elementary hue text:
u^*_c = 16 hues *r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

u^*_c	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
p00b	55.66	−58.35	18.71	61.27	162	*112c*
p25b	58.18	−46.2	−7.82	46.86	190	*145c*
p50b	60.08	−37.02	−27.87	46.34	217	*178c*
p75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

ORS20_95a; adapted (a) CIELAB data

Name	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Min}	46.89	66.19	40.28	77.48	31
Y_{Mn}	88.66	−9.62	88.21	88.73	96
L_{Mn}	54.22	−65.29	33.87	73.56	151
C_{Mn}	61.43	−30.53	−42.04	51.96	234
V_{Mn}	25.93	25.95	−47.37	54.01	299
M_{Mn}	47.92	73.53	−9.02	74.08	353
N_{Mn}	20.41	0.0	0.0	0.0	0
W_{Mn}	94.64	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
R_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

% Gamut $u^*_{c,i}$ = 87
% Regularity $g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59

no. *LAB*LCH*$_a$

greenish — Yellow J — redish
yellowish — Green G — Red R
bluish — greenish — Blue B — redish

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$ — u^*_c = *r00j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *r00j* u^*_d = *m84o*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$: 47 67 32; *LAB*LCH*$_{Ma}$: 47 75 25; *lab*rgb*$_{Ma}$: 1.0 0.0 0.0; *lab*alv*$_{Ma}$: 1.0 0.0 0.15
% Gamut $u^*_{c,i}$ = 87; % Regularity $g^*_{R,tol}$ = 67; $g^*_{C,tol}$ = 59
*lab*rgb*
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$ — u^*_c = *r25j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *r25j* u^*_d = *o17y*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$: 54 53 48; *LAB*LCH*$_{Ma}$: 54 72 42; *lab*rgb*$_{Ma}$: 1.0 0.25 0.0; *lab*alv*$_{Ma}$: 1.0 0.17 0.0
% Gamut $u^*_{c,i}$ = 87; % Regularity $g^*_{R,tol}$ = 67; $g^*_{C,tol}$ = 59
*lab*rgb*
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$ — u^*_c = *r50j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *r50j* u^*_d = *o42y*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$: 64 36 59; *LAB*LCH*$_{Ma}$: 64 69 58; *lab*rgb*$_{Ma}$: 1.0 0.5 0.0; *lab*alv*$_{Ma}$: 1.0 0.42 0.0
% Gamut $u^*_{c,i}$ = 87; % Regularity $g^*_{R,tol}$ = 67; $g^*_{C,tol}$ = 59
*lab*rgb*
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$ — u^*_c = *r75j*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *r75j* u^*_d = *o68y*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$: 73 18 71; *LAB*LCH*$_{Ma}$: 73 73 75; *lab*rgb*$_{Ma}$: 1.0 0.75 0.0; *lab*alv*$_{Ma}$: 1.0 0.68 0.0
% Gamut $u^*_{c,i}$ = 87; % Regularity $g^*_{R,tol}$ = 67; $g^*_{C,tol}$ = 59
*lab*rgb*
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$ — u^*_c = *j00g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *j00g* u^*_d = *o93y*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$: 85 −3 84; *LAB*LCH*$_{Ma}$: 85 84 92; *lab*rgb*$_{Ma}$: 1.0 1.0 0.0; *lab*alv*$_{Ma}$: 1.0 0.94 0.0
% Gamut $u^*_{c,i}$ = 87; % Regularity $g^*_{R,tol}$ = 67; $g^*_{C,tol}$ = 59
*lab*rgb*
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$ — u^*_c = *j25g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *j25g* u^*_d = *y24l*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$: 79 −26 72; *LAB*LCH*$_{Ma}$: 79 77 109; *lab*rgb*$_{Ma}$: 0.75 1.0 0.0; *lab*alv*$_{Ma}$: 0.76 1.0 0.0
% Gamut $u^*_{c,i}$ = 87; % Regularity $g^*_{R,tol}$ = 67; $g^*_{C,tol}$ = 59
*lab*rgb*
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$ — u^*_c = *j50g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *j50g* u^*_d = *y55l*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$: 68 −43 56; *LAB*LCH*$_{Ma}$: 68 70 127; *lab*rgb*$_{Ma}$: 0.5 1.0 0.0; *lab*alv*$_{Ma}$: 0.45 1.0 0.0
% Gamut $u^*_{c,i}$ = 87; % Regularity $g^*_{R,tol}$ = 67; $g^*_{C,tol}$ = 59
*lab*rgb*
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$ — u^*_c = *j75g*
data for any colour: *lab*tch** and *lab*icu**
Hue texts: u^*_c = *j75g* u^*_d = *y85l*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$: 59 −58 41; *LAB*LCH*$_{Ma}$: 59 71 144; *lab*rgb*$_{Ma}$: 0.25 1.0 0.0; *lab*alv*$_{Ma}$: 0.14 1.0 0.0
% Gamut $u^*_{c,i}$ = 87; % Regularity $g^*_{R,tol}$ = 67; $g^*_{C,tol}$ = 59
*lab*rgb*
brilliantness *i**
relative chroma *c**

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_c and number *no.* = 00 .. 15
elementary hue text:
u^*_c = 16 hues *r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 1.0

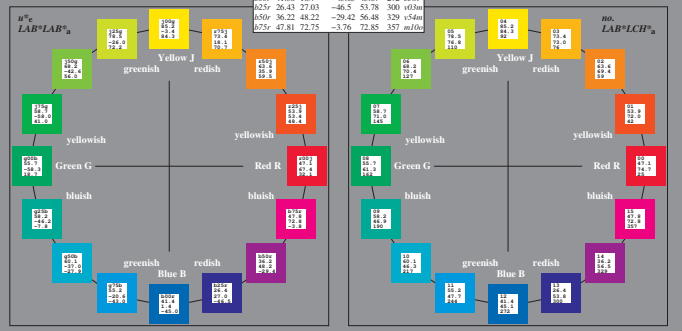
ORS20_95a; adapted (a) CIELAB data

u^*_c	L^*=L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00g	85.24	−3.4	84.28	84.35	92	*o93y*
g25g	78.53	−25.99	72.23	76.76	110	*y24l*
g50g	68.25	−42.61	56.0	70.37	127	*y55l*
g75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16o*
b00r	41.38	1.37	−45.05	45.07	272	*c58o*
b25r	26.43	27.03	−46.5	53.78	300	*o03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

ORS20_95a; adapted (a) CIELAB data

	L^*	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{MK}	46.89	66.19	40.28	77.48	31
Y_{MK}	88.66	−9.62	88.21	88.73	96
L_{MK}	54.22	−65.29	33.87	73.56	151
C_{MK}	61.43	−30.53	−42.04	51.96	234
V_{MK}	25.93	25.95	−47.37	54.01	299
M_{MK}	47.92	73.53	−9.02	74.08	353
N_{MK}	20.41	0.0	0.0	0.0	0
W_{MK}	94.64	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{MK}	81.26	−2.89	71.56	71.62	92
R_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

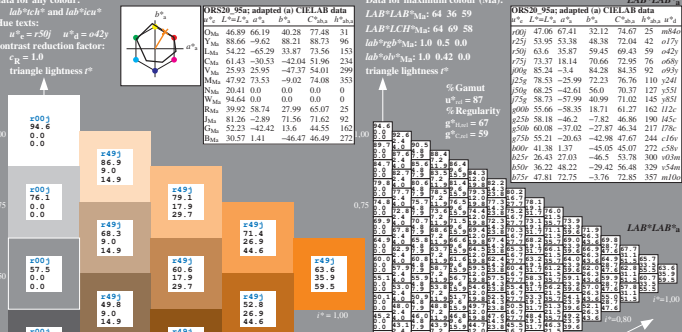
% Gamut
$u^*_{c,i}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$ $u^*_c = r00j$
data for any colour: $LAB^*LAB^*_a$
*lab*tc** and *lab*icu**
Hue texts: Data for maximum colour (Ma): $LAB^*LCH^*_{Ma}$: 47 67 32
u^*_c = *r00j* u^*_d = *m84o* *lab*LCH**Ma: 47 75 25
contrast reduction factor: *lab*rgb**Ma: 1.0 0.0 0.0
c_R = 1.0 *lab*alv**Ma: 1.0 0.0 0.15
triangle lightness *t**: triangle lightness *t**:

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$ $u^*_c = r25j$
data for any colour: $LAB^*LAB^*_a$
*lab*tc** and *lab*icu**
Hue texts: Data for maximum colour (Ma): $LAB^*LCH^*_{Ma}$: 54 53 48
u^*_c = *r25j* u^*_d = *o17y* *lab*LCH**Ma: 54 72 42
contrast reduction factor: *lab*rgb**Ma: 1.0 0.25 0.0
c_R = 1.0 *lab*alv**Ma: 1.0 0.17 0.0
triangle lightness *t**: triangle lightness *t**:

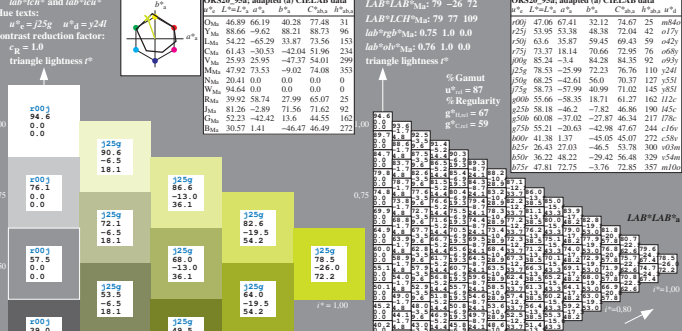
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$ $u^*_c = r50j$
data for any colour: $LAB^*LAB^*_a$
*lab*tc** and *lab*icu**
Hue texts: Data for maximum colour (Ma): $LAB^*LCH^*_{Ma}$: 64 36 59
u^*_c = *r50j* u^*_d = *o42y* *lab*LCH**Ma: 64 69 58
contrast reduction factor: *lab*rgb**Ma: 1.0 0.5 0.0
c_R = 1.0 *lab*alv**Ma: 1.0 0.42 0.0
triangle lightness *t**: triangle lightness *t**:



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$ $u^*_c = r75j$
data for any colour: $LAB^*LAB^*_a$
*lab*tc** and *lab*icu**
Hue texts: Data for maximum colour (Ma): $LAB^*LCH^*_{Ma}$: 73 18 71
u^*_c = *r75j* u^*_d = *o68y* *lab*LCH**Ma: 73 73 75
contrast reduction factor: *lab*rgb**Ma: 1.0 0.75 0.0
c_R = 1.0 *lab*alv**Ma: 1.0 0.68 0.0
triangle lightness *t**: triangle lightness *t**:

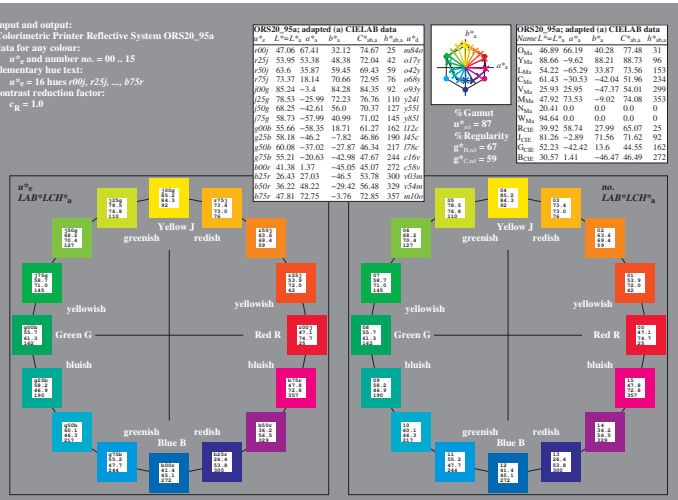
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$ $u^*_c = j00g$
data for any colour: $LAB^*LAB^*_a$
*lab*tc** and *lab*icu**
Hue texts: Data for maximum colour (Ma): $LAB^*LCH^*_{Ma}$: 85 −3 84
u^*_c = *j00g* u^*_d = *o93y* *lab*LCH**Ma: 85 84 92
contrast reduction factor: *lab*rgb**Ma: 1.0 1.0 0.0
c_R = 1.0 *lab*alv**Ma: 1.0 0.94 0.0
triangle lightness *t**: triangle lightness *t**:

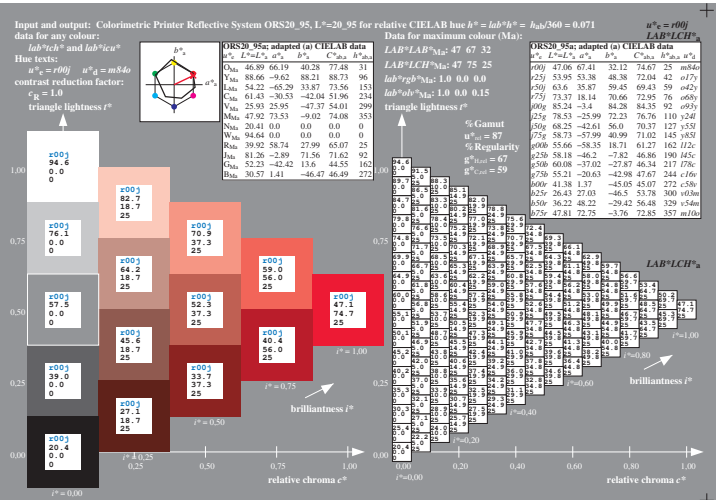
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$ $u^*_c = j25g$
data for any colour: $LAB^*LAB^*_a$
*lab*tc** and *lab*icu**
Hue texts: Data for maximum colour (Ma): $LAB^*LCH^*_{Ma}$: 79 −26 72
u^*_c = *j25g* u^*_d = *y24l* *lab*LCH**Ma: 79 77 109
contrast reduction factor: *lab*rgb**Ma: 0.75 1.0 0.0
c_R = 1.0 *lab*alv**Ma: 0.76 1.0 0.0
triangle lightness *t**: triangle lightness *t**:

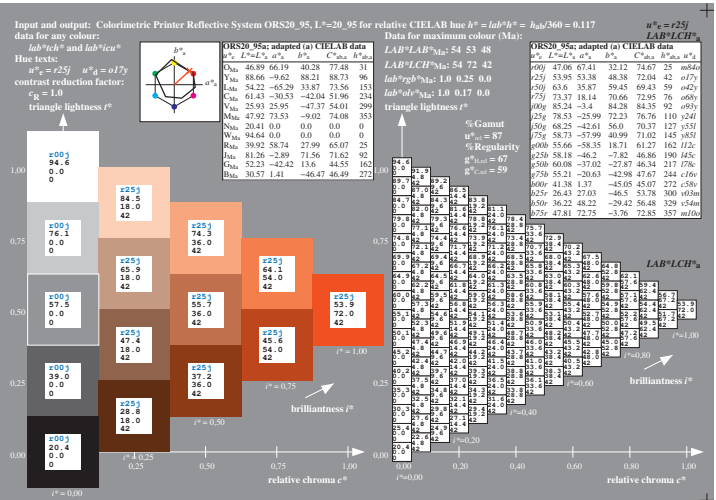


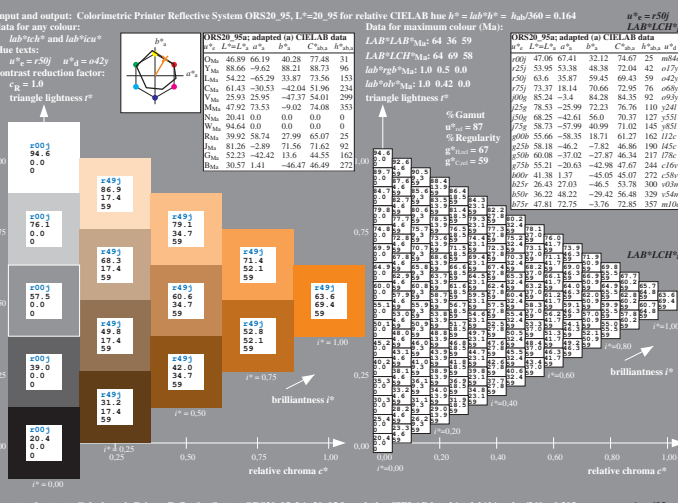
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$ $u^*_c = j50g$
data for any colour: $LAB^*LAB^*_a$
*lab*tc** and *lab*icu**
Hue texts: Data for maximum colour (Ma): $LAB^*LCH^*_{Ma}$: 68 −43 56
u^*_c = *j50g* u^*_d = *y55l* *lab*LCH**Ma: 68 70 127
contrast reduction factor: *lab*rgb**Ma: 0.5 1.0 0.0
c_R = 1.0 *lab*alv**Ma: 0.45 1.0 0.0
triangle lightness *t**: triangle lightness *t**:

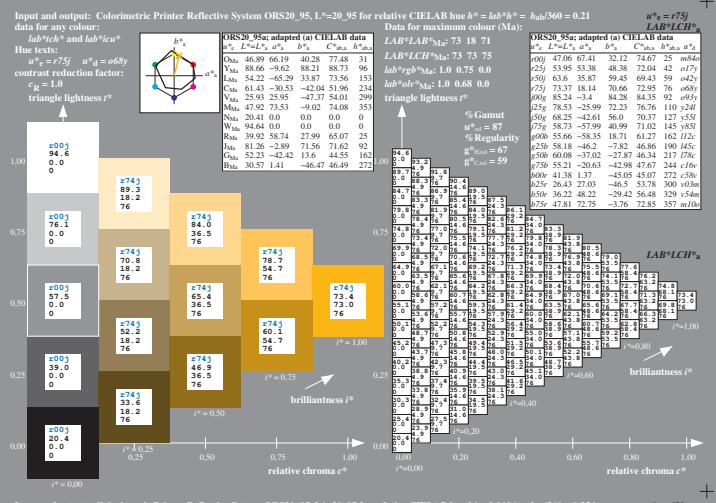
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$ $u^*_c = j75g$
data for any colour: $LAB^*LAB^*_a$
*lab*tc** and *lab*icu**
Hue texts: Data for maximum colour (Ma): $LAB^*LCH^*_{Ma}$: 59 −58 41
u^*_c = *j75g* u^*_d = *y85l* *lab*LCH**Ma: 59 71 144
contrast reduction factor: *lab*rgb**Ma: 0.25 1.0 0.0
c_R = 1.0 *lab*alv**Ma: 0.14 1.0 0.0
triangle lightness *t**: triangle lightness *t**:

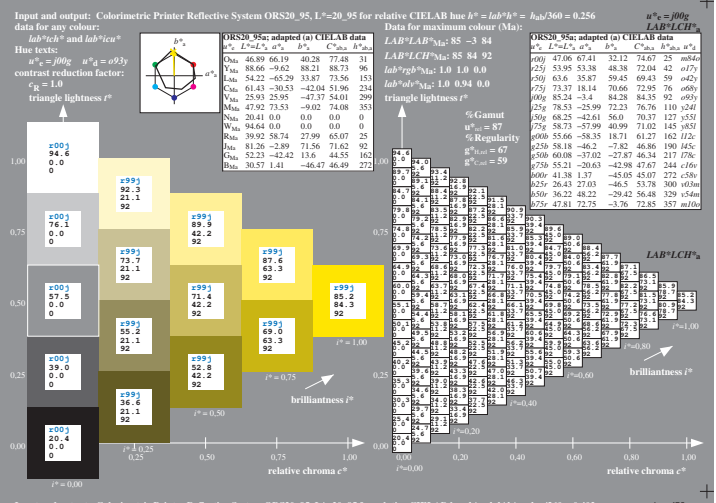

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_c and number no. = 00 .. 15
elementary hue text:
u^*_c = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
c_R = 1.0
ORS20_95a; adapted (a) CIELAB data
%Gamut
$u^*_{c,i}$ = 87
%Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
u^*_c
LAB*LCH*a
greenish
Yellow J
redish
yellowish
Green G
Red R
bluish
Blue B
greenish
redish
no.
LAB*LCH*a

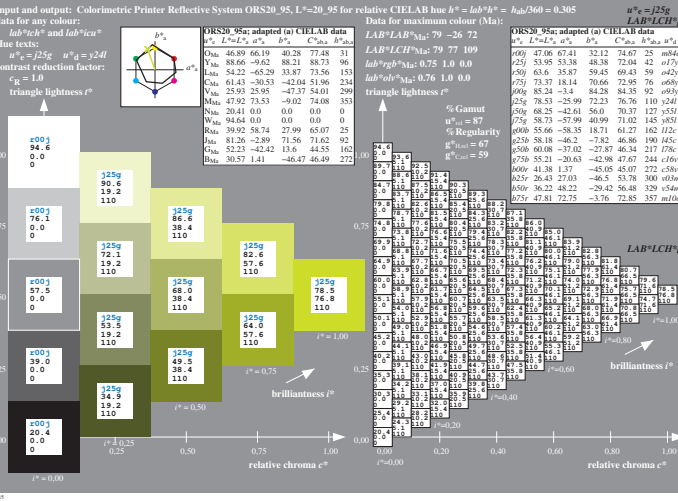

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.071
u^*_c = r00j
LAB*LCH*a
data for any colour:
lab*ch* and lab*cu*
Hue texts:
u^*_c = r00j u^*_d = m84o
contrast reduction factor:
c_R = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 47 67 32
LAB*LCH*Ma: 47 75 25
lab*rgb*Ma: 1.0 0.0 0.0
lab*alv*Ma: 1.0 0.0 0.15
ORS20_95a; adapted (a) CIELAB data
%Gamut
$u^*_{c,i}$ = 87
%Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
LAB*LCH*a
brilliantness i*
relative chroma c*

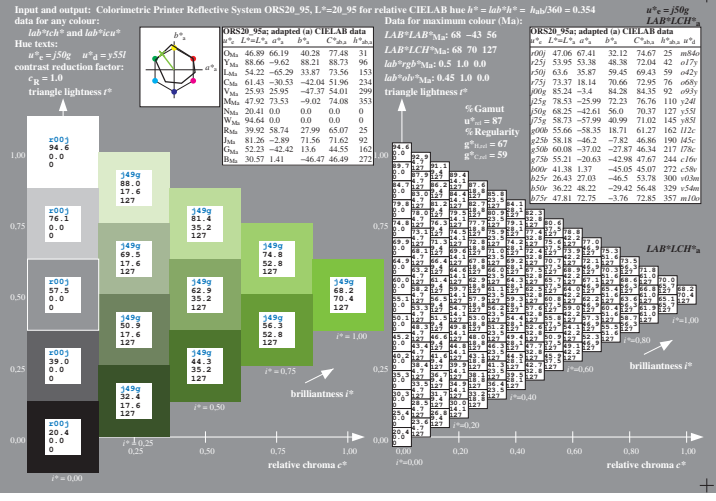

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.117
u^*_c = r25j
LAB*LCH*a
data for any colour:
lab*ch* and lab*cu*
Hue texts:
u^*_c = r25j u^*_d = o17y
contrast reduction factor:
c_R = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 54 53 48
LAB*LCH*Ma: 54 72 42
lab*rgb*Ma: 1.0 0.25 0.0
lab*alv*Ma: 1.0 0.17 0.0
ORS20_95a; adapted (a) CIELAB data
%Gamut
$u^*_{c,i}$ = 87
%Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
LAB*LCH*a
brilliantness i*
relative chroma c*

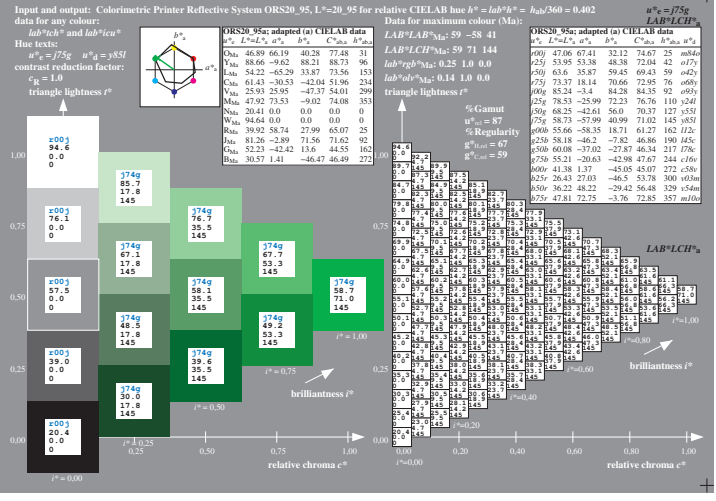

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.164
u^*_c = r50j
LAB*LCH*a
data for any colour:
lab*ch* and lab*cu*
Hue texts:
u^*_c = r50j u^*_d = o42y
contrast reduction factor:
c_R = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 64 36 59
LAB*LCH*Ma: 64 69 58
lab*rgb*Ma: 1.0 0.5 0.0
lab*alv*Ma: 1.0 0.42 0.0
ORS20_95a; adapted (a) CIELAB data
%Gamut
$u^*_{c,i}$ = 87
%Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
LAB*LCH*a
brilliantness i*
relative chroma c*

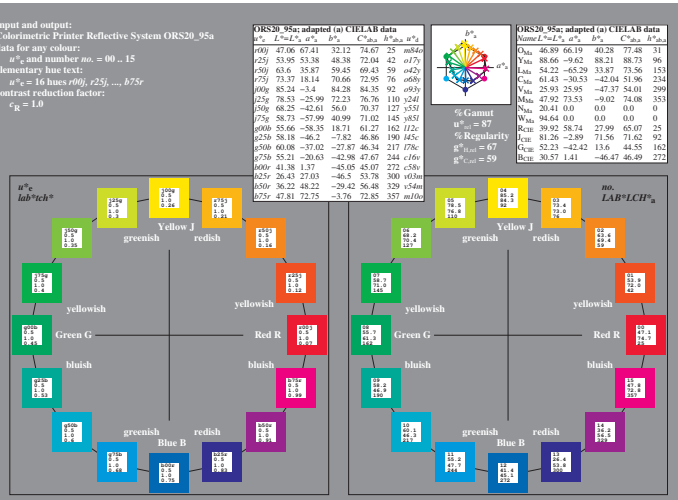

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.21
u^*_c = r75j
LAB*LCH*a
data for any colour:
lab*ch* and lab*cu*
Hue texts:
u^*_c = r75j u^*_d = o68y
contrast reduction factor:
c_R = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 73 18 71
LAB*LCH*Ma: 73 73 75
lab*rgb*Ma: 1.0 0.75 0.0
lab*alv*Ma: 1.0 0.68 0.0
ORS20_95a; adapted (a) CIELAB data
%Gamut
$u^*_{c,i}$ = 87
%Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
LAB*LCH*a
brilliantness i*
relative chroma c*

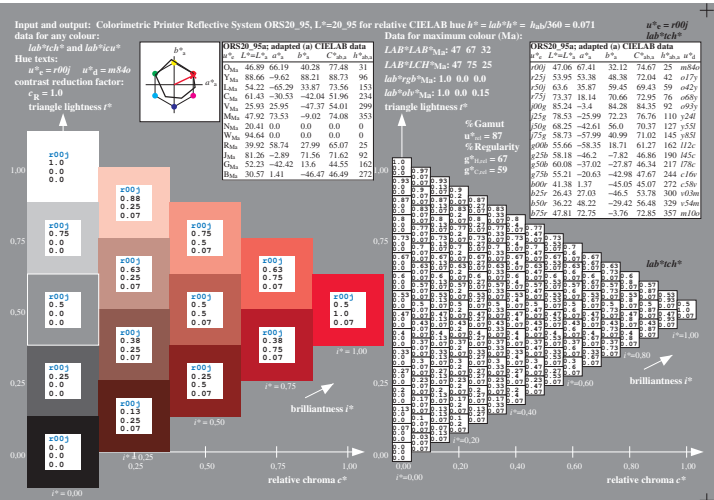

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.256
u^*_c = j00g
LAB*LCH*a
data for any colour:
lab*ch* and lab*cu*
Hue texts:
u^*_c = j00g u^*_d = o93y
contrast reduction factor:
c_R = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 85 –3 84
LAB*LCH*Ma: 85 84 92
lab*rgb*Ma: 1.0 1.0 0.0
lab*alv*Ma: 1.0 0.94 0.0
ORS20_95a; adapted (a) CIELAB data
%Gamut
$u^*_{c,i}$ = 87
%Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
LAB*LCH*a
brilliantness i*
relative chroma c*

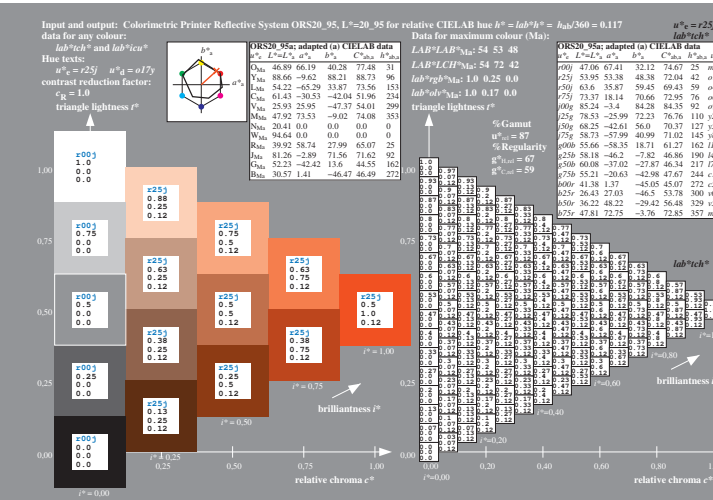

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.305
u^*_c = j25g
LAB*LCH*a
data for any colour:
lab*ch* and lab*cu*
Hue texts:
u^*_c = j25g u^*_d = y24l
contrast reduction factor:
c_R = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 79 –26 72
LAB*LCH*Ma: 79 77 109
lab*rgb*Ma: 0.75 1.0 0.0
lab*alv*Ma: 0.76 1.0 0.0
ORS20_95a; adapted (a) CIELAB data
%Gamut
$u^*_{c,i}$ = 87
%Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
LAB*LCH*a
brilliantness i*
relative chroma c*

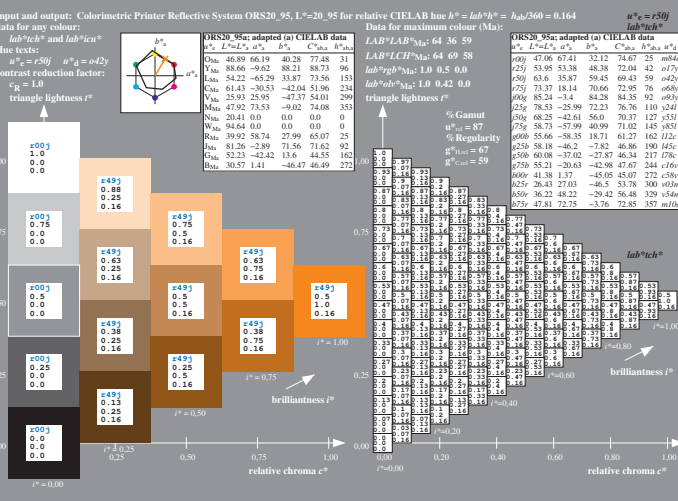

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.354
u^*_c = j50g
LAB*LCH*a
data for any colour:
lab*ch* and lab*cu*
Hue texts:
u^*_c = j50g u^*_d = y55l
contrast reduction factor:
c_R = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 68 –43 56
LAB*LCH*Ma: 68 70 127
lab*rgb*Ma: 0.5 1.0 0.0
lab*alv*Ma: 0.45 1.0 0.0
ORS20_95a; adapted (a) CIELAB data
%Gamut
$u^*_{c,i}$ = 87
%Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
LAB*LCH*a
brilliantness i*
relative chroma c*

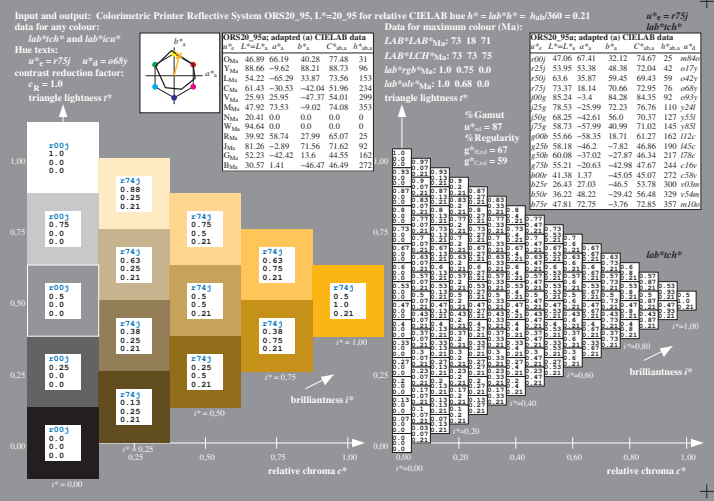

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.402
u^*_c = j75g
LAB*LCH*a
data for any colour:
lab*ch* and lab*cu*
Hue texts:
u^*_c = j75g u^*_d = y85l
contrast reduction factor:
c_R = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 59 –58 41
LAB*LCH*Ma: 59 71 144
lab*rgb*Ma: 0.25 1.0 0.0
lab*alv*Ma: 0.14 1.0 0.0
ORS20_95a; adapted (a) CIELAB data
%Gamut
$u^*_{c,i}$ = 87
%Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
LAB*LCH*a
brilliantness i*
relative chroma c*

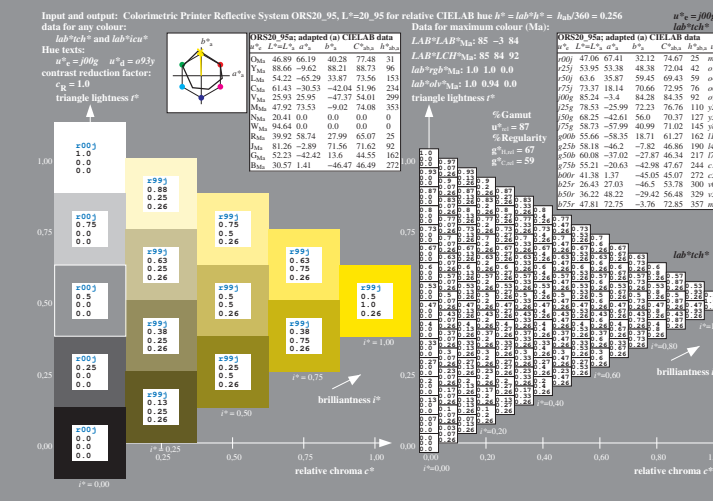

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_c and number $no.$ = 00 .. 15
elementary hue text:
u^*_c = 16 hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
c_R = 1.0
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; adapted (a) CIELAB data
% Gamut
$u^*_{c,t}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
u^*_c
lab*tch*
no.
LAB*LCH*a
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
greenish
Blue B
redish

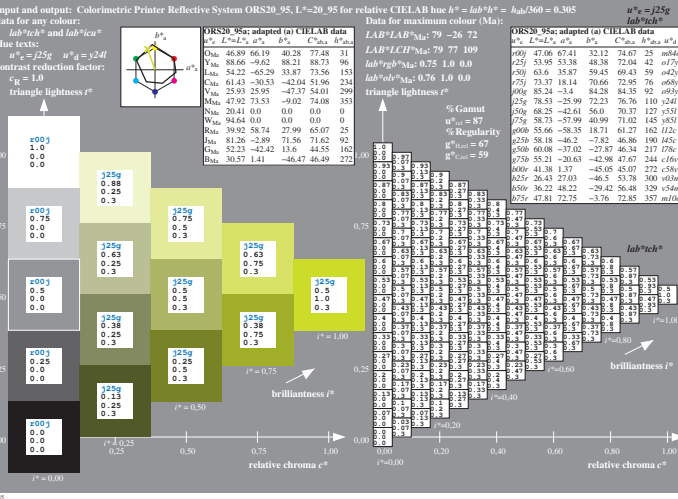

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{lab}/360 = 0.071
u^*_c = r00j
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = r00j u^*_d = m84o
contrast reduction factor:
c_R = 1.0
Data for maximum colour (Ma):
LAB*LAB*Ma: 47 67 32
LAB*LCH*Ma: 47 75 25
lab*rgb*Ma: 1.0 0.0 0.0
lab*alv*Ma: 1.0 0.0 0.15
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; adapted (a) CIELAB data
% Gamut
$u^*_{c,t}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
triangle lightness t*
brilliantness i*
relative chroma c*
lab*tch*

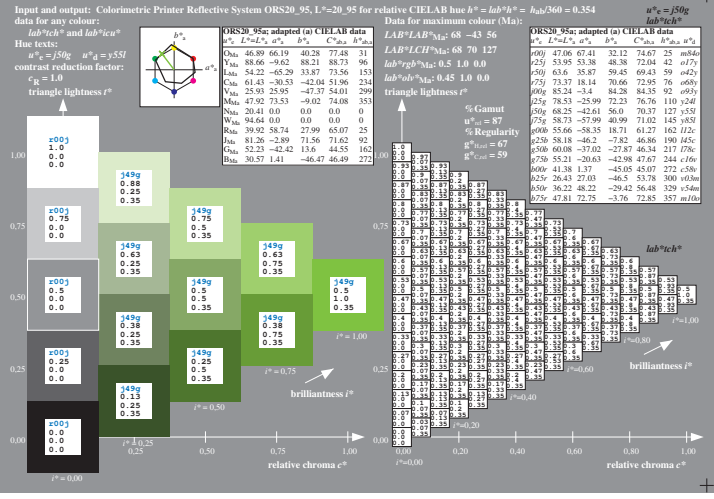

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{lab}/360 = 0.117
u^*_c = r25j
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = r25j u^*_d = o17y
contrast reduction factor:
c_R = 1.0
Data for maximum colour (Ma):
LAB*LAB*Ma: 54 53 48
LAB*LCH*Ma: 54 72 42
lab*rgb*Ma: 1.0 0.25 0.0
lab*alv*Ma: 1.0 0.17 0.0
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; adapted (a) CIELAB data
% Gamut
$u^*_{c,t}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
triangle lightness t*
brilliantness i*
relative chroma c*
lab*tch*

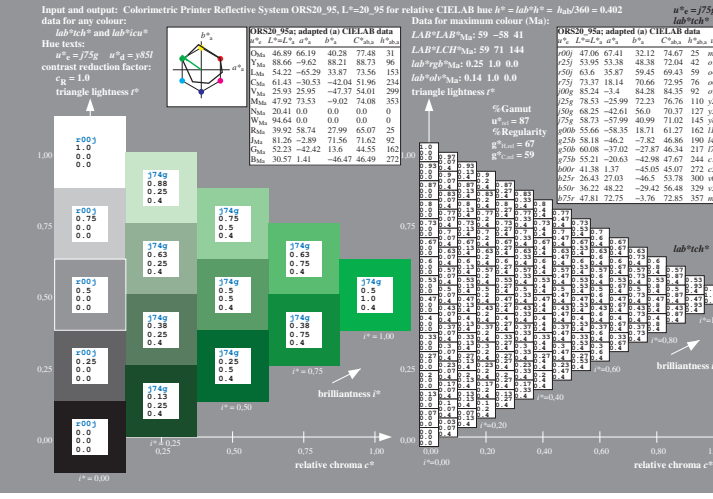

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{lab}/360 = 0.164
u^*_c = r50j
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = r50j u^*_d = o42y
contrast reduction factor:
c_R = 1.0
Data for maximum colour (Ma):
LAB*LAB*Ma: 64 36 59
LAB*LCH*Ma: 64 69 58
lab*rgb*Ma: 1.0 0.5 0.0
lab*alv*Ma: 1.0 0.42 0.0
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; adapted (a) CIELAB data
% Gamut
$u^*_{c,t}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
triangle lightness t*
brilliantness i*
relative chroma c*
lab*tch*

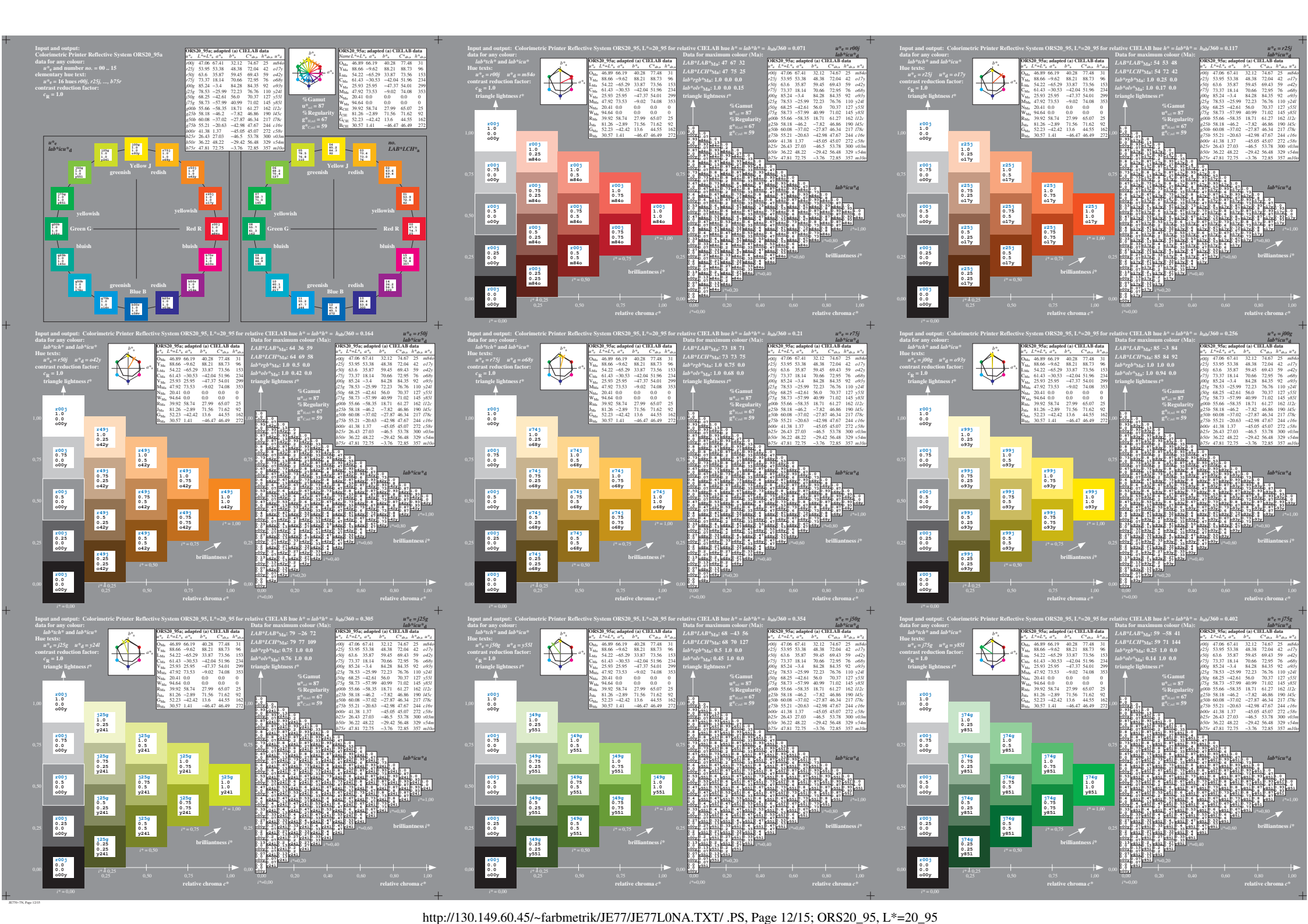

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{lab}/360 = 0.21
u^*_c = r75j
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = r75j u^*_d = o68y
contrast reduction factor:
c_R = 1.0
Data for maximum colour (Ma):
LAB*LAB*Ma: 73 18 71
LAB*LCH*Ma: 73 73 75
lab*rgb*Ma: 1.0 0.75 0.0
lab*alv*Ma: 1.0 0.68 0.0
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; adapted (a) CIELAB data
% Gamut
$u^*_{c,t}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
triangle lightness t*
brilliantness i*
relative chroma c*
lab*tch*


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{lab}/360 = 0.256
u^*_c = j00g
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = j00g u^*_d = o93y
contrast reduction factor:
c_R = 1.0
Data for maximum colour (Ma):
LAB*LAB*Ma: 85 −3 84
LAB*LCH*Ma: 85 84 92
lab*rgb*Ma: 1.0 1.0 0.0
lab*alv*Ma: 1.0 0.94 0.0
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; adapted (a) CIELAB data
% Gamut
$u^*_{c,t}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
triangle lightness t*
brilliantness i*
relative chroma c*
lab*tch*


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{lab}/360 = 0.305
u^*_c = j25g
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = j25g u^*_d = y24l
contrast reduction factor:
c_R = 1.0
Data for maximum colour (Ma):
LAB*LAB*Ma: 79 −26 72
LAB*LCH*Ma: 79 77 109
lab*rgb*Ma: 0.75 1.0 0.0
lab*alv*Ma: 0.76 1.0 0.0
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; adapted (a) CIELAB data
% Gamut
$u^*_{c,t}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
triangle lightness t*
brilliantness i*
relative chroma c*
lab*tch*


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{lab}/360 = 0.354
u^*_c = j50g
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = j50g u^*_d = y55l
contrast reduction factor:
c_R = 1.0
Data for maximum colour (Ma):
LAB*LAB*Ma: 68 −43 56
LAB*LCH*Ma: 68 70 127
lab*rgb*Ma: 0.5 1.0 0.0
lab*alv*Ma: 0.45 1.0 0.0
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; adapted (a) CIELAB data
% Gamut
$u^*_{c,t}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
triangle lightness t*
brilliantness i*
relative chroma c*
lab*tch*


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{lab}/360 = 0.402
u^*_c = j75g
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = j75g u^*_d = y85l
contrast reduction factor:
c_R = 1.0
Data for maximum colour (Ma):
LAB*LAB*Ma: 59 −58 41
LAB*LCH*Ma: 59 71 144
lab*rgb*Ma: 0.25 1.0 0.0
lab*alv*Ma: 0.14 1.0 0.0
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; adapted (a) CIELAB data
% Gamut
$u^*_{c,t}$ = 87
% Regularity
$g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59
triangle lightness t*
brilliantness i*
relative chroma c*
lab*tch*


Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_c and number $no.$ = 00 .. 15
elementary hue text:
u^*_c = 16 hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
c_R = 1.0
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; adapted (a) CIELAB data
%Gamut
$u^*_{c,G}$ = 87
%Regularity
$g^*_{R,Hel}$ = 67
$g^*_{R,Col}$ = 59
u^*_c
$lab^*icu^*_d$
$no.$
$LAB^*LCH^*_a$
greenish
Yellow J
redish
yellowish
Green G
Red R
bluish
Blue B
greenish
redish
relative chroma c^*
brilliantness i^*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.071
u^*_c = r00j
$lab^*icu^*_d$
Data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = r00j u^*_d = m84o
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
LAB*LAB*Ma: 47 67 32
LAB*LCH*Ma: 47 75 25
lab*rgb*Ma: 1.0 0.0 0.0
lab*alv*Ma: 1.0 0.0 0.15
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.117
u^*_c = r25j
$lab^*icu^*_d$
Data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = r25j u^*_d = o17y
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
LAB*LAB*Ma: 54 53 48
LAB*LCH*Ma: 54 72 42
lab*rgb*Ma: 1.0 0.25 0.0
lab*alv*Ma: 1.0 0.17 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.164
u^*_c = r50j
$lab^*icu^*_d$
Data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = r50j u^*_d = o42y
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
LAB*LAB*Ma: 64 36 59
LAB*LCH*Ma: 64 69 58
lab*rgb*Ma: 1.0 0.5 0.0
lab*alv*Ma: 1.0 0.42 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.21
u^*_c = r75j
$lab^*icu^*_d$
Data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = r75j u^*_d = o68y
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
LAB*LAB*Ma: 73 18 71
LAB*LCH*Ma: 73 73 75
lab*rgb*Ma: 1.0 0.75 0.0
lab*alv*Ma: 1.0 0.68 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.256
u^*_c = j00g
$lab^*icu^*_d$
Data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = j00g u^*_d = o93y
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
LAB*LAB*Ma: 85 −3 84
LAB*LCH*Ma: 85 84 92
lab*rgb*Ma: 1.0 1.0 0.0
lab*alv*Ma: 1.0 0.94 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.305
u^*_c = j25g
$lab^*icu^*_d$
Data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = j25g u^*_d = y24l
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
LAB*LAB*Ma: 79 −26 72
LAB*LCH*Ma: 79 77 109
lab*rgb*Ma: 0.75 1.0 0.0
lab*alv*Ma: 0.76 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.354
u^*_c = j50g
$lab^*icu^*_d$
Data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = j50g u^*_d = y55l
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
LAB*LAB*Ma: 68 −43 56
LAB*LCH*Ma: 68 70 127
lab*rgb*Ma: 0.5 1.0 0.0
lab*alv*Ma: 0.45 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = h_{ab}/360 = 0.402
u^*_c = j75g
$lab^*icu^*_d$
Data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_c = j75g u^*_d = y85l
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
LAB*LAB*Ma: 59 −58 41
LAB*LCH*Ma: 59 71 144
lab*rgb*Ma: 0.25 1.0 0.0
lab*alv*Ma: 0.14 1.0 0.0

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_c and number *no.* = 00 .. 15
elementary hue text:
u^*_c = 16 hues *r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 1.0

ORS20_95a; adapted (a) CIELAB data

u^*_c	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
g00p	85.24	−3.4	84.28	84.35	92	*o93y*
g25p	78.53	−25.99	72.23	76.76	110	*y24l*
g50p	68.25	−42.61	56.0	70.37	127	*y55l*
g75p	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−36.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

ORS20_95; CIELAB data

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

% Gamut $u^*_{c,i}$ = 87
% Regularity $g^*_{R,tol}$ = 67
$g^*_{C,tol}$ = 59

no. *LAB*LCH*$_a$

greenish Yellow J redish
yellowish
Green G Red R
bluish
greenish Blue B redish

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$ u^*_c = *r00j*
data for any colour: *LAB*LAB** | *lab*ch** and *lab*icu**
Hue texts: u^*_c = *r00j* u^*_d = *m84o*
contrast reduction factor: c_R = 1.0
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$*: 47 67 32* | *LAB*LCH*$_{Ma}$*: 47 75 25* | *lab*rgb*$_{Ma}$*: 1.0 0.0 0.0* | *lab*alv*$_{Ma}$*: 1.0 0.0 0.15*
triangle lightness *t**
% Gamut $u^*_{c,i}$ = 87 | % Regularity $g^*_{R,tol}$ = 67 | $g^*_{C,tol}$ = 59
*LAB*LAB**
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$ u^*_c = *r25j*
data for any colour: *LAB*LAB** | *lab*ch** and *lab*icu**
Hue texts: u^*_c = *r25j* u^*_d = *o17y*
contrast reduction factor: c_R = 1.0
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$*: 54 53 48* | *LAB*LCH*$_{Ma}$*: 54 72 42* | *lab*rgb*$_{Ma}$*: 1.0 0.25 0.0* | *lab*alv*$_{Ma}$*: 1.0 0.17 0.0*
triangle lightness *t**
% Gamut $u^*_{c,i}$ = 87 | % Regularity $g^*_{R,tol}$ = 67 | $g^*_{C,tol}$ = 59
*LAB*LAB**
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$ u^*_c = *r50j*
data for any colour: *LAB*LAB** and *lab*icu**
Hue texts: u^*_c = *r50j* u^*_d = *o42y*
contrast reduction factor: c_R = 1.0
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$*: 64 36 59* | *LAB*LCH*$_{Ma}$*: 64 69 58* | *lab*rgb*$_{Ma}$*: 1.0 0.5 0.0* | *lab*alv*$_{Ma}$*: 1.0 0.42 0.0*
triangle lightness *t**
% Gamut $u^*_{c,i}$ = 87 | % Regularity $g^*_{R,tol}$ = 67 | $g^*_{C,tol}$ = 59
*LAB*LAB**
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$ u^*_c = *r75j*
data for any colour: *LAB*LAB** and *lab*icu**
Hue texts: u^*_c = *r75j* u^*_d = *o68y*
contrast reduction factor: c_R = 1.0
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$*: 73 18 71* | *LAB*LCH*$_{Ma}$*: 73 73 75* | *lab*rgb*$_{Ma}$*: 1.0 0.75 0.0* | *lab*alv*$_{Ma}$*: 1.0 0.68 0.0*
triangle lightness *t**
% Gamut $u^*_{c,i}$ = 87 | % Regularity $g^*_{R,tol}$ = 67 | $g^*_{C,tol}$ = 59
*LAB*LAB**
brilliantness *i**
relative chroma *c**

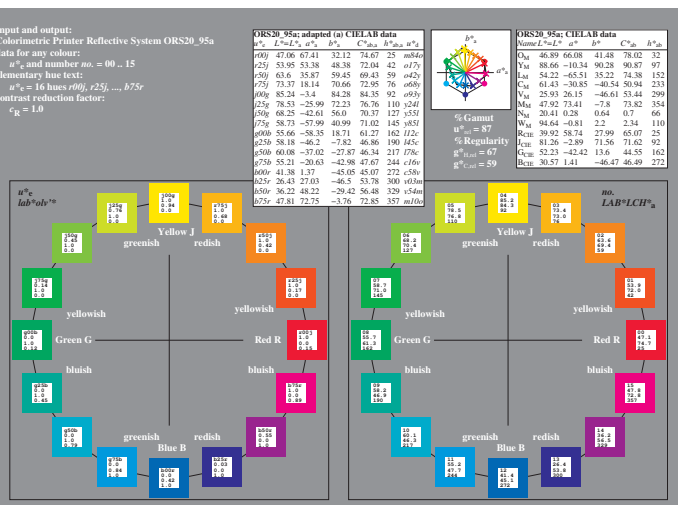
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$ u^*_c = *j00g*
data for any colour: *LAB*LAB** and *lab*icu**
Hue texts: u^*_c = *j00g* u^*_d = *o93y*
contrast reduction factor: c_R = 1.0
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$*: 85 −3 84* | *LAB*LCH*$_{Ma}$*: 85 84 92* | *lab*rgb*$_{Ma}$*: 1.0 1.0 0.0* | *lab*alv*$_{Ma}$*: 1.0 0.94 0.0*
triangle lightness *t**
% Gamut $u^*_{c,i}$ = 87 | % Regularity $g^*_{R,tol}$ = 67 | $g^*_{C,tol}$ = 59
*LAB*LAB**
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$ u^*_c = *j25g*
data for any colour: *LAB*LAB** and *lab*icu**
Hue texts: u^*_c = *j25g* u^*_d = *y24l*
contrast reduction factor: c_R = 1.0
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$*: 79 −26 72* | *LAB*LCH*$_{Ma}$*: 79 77 109* | *lab*rgb*$_{Ma}$*: 0.75 1.0 0.0* | *lab*alv*$_{Ma}$*: 0.76 1.0 0.0*
triangle lightness *t**
% Gamut $u^*_{c,i}$ = 87 | % Regularity $g^*_{R,tol}$ = 67 | $g^*_{C,tol}$ = 59
*LAB*LAB**
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$ u^*_c = *j50g*
data for any colour: *LAB*LAB** and *lab*icu**
Hue texts: u^*_c = *j50g* u^*_d = *y55l*
contrast reduction factor: c_R = 1.0
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$*: 68 −43 56* | *LAB*LCH*$_{Ma}$*: 68 70 127* | *lab*rgb*$_{Ma}$*: 0.5 1.0 0.0* | *lab*alv*$_{Ma}$*: 0.45 1.0 0.0*
triangle lightness *t**
% Gamut $u^*_{c,i}$ = 87 | % Regularity $g^*_{R,tol}$ = 67 | $g^*_{C,tol}$ = 59
*LAB*LAB**
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$ u^*_c = *j75g*
data for any colour: *LAB*LAB** and *lab*icu**
Hue texts: u^*_c = *j75g* u^*_d = *y85l*
contrast reduction factor: c_R = 1.0
Data for maximum colour (Ma): *LAB*LAB*$_{Ma}$*: 59 −58 41* | *LAB*LCH*$_{Ma}$*: 59 71 144* | *lab*rgb*$_{Ma}$*: 0.25 1.0 0.0* | *lab*alv*$_{Ma}$*: 0.14 1.0 0.0*
triangle lightness *t**
% Gamut $u^*_{c,i}$ = 87 | % Regularity $g^*_{R,tol}$ = 67 | $g^*_{C,tol}$ = 59
*LAB*LAB**
brilliantness *i**
relative chroma *c**

Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u^*_c and number *no.* = 00 .. 15
elementary hue text:
u^*_c = 16 hues *r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 1.0



ORS20_95a; adapted (a) CIELAB data

h^*_s	L^*_s=L^*_a	a^*_s	b^*_s	$C^*_{ab,s}$	$h^*_{ab,s}$	u^*_s
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
b25b	58.18	−46.2	−7.82	46.86	190	*l45c*
b50b	60.08	−37.02	−27.87	46.34	217	*l78c*
b75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

ORS20_95a; CIELAB data

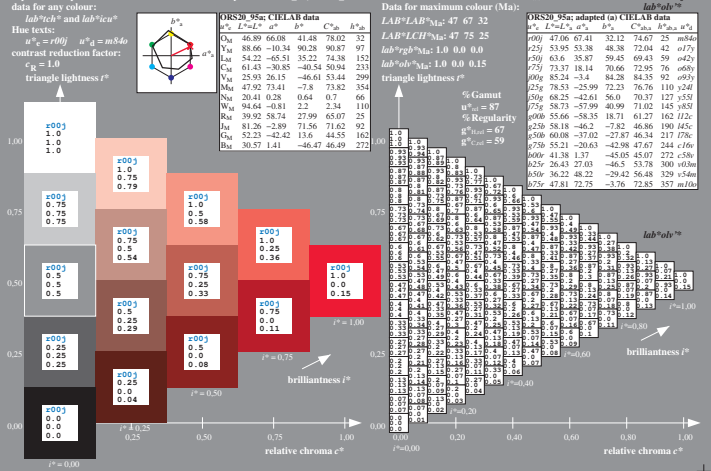
Name	h^*_{ab}	L^*	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Bl}		46.89	66.08	41.48	78.02	32
Y_{Mt}		88.66	−10.34	90.28	90.87	97
L_{Mt}		54.22	−65.51	35.22	74.38	152
C_{Mt}		61.43	−30.85	−40.54	50.94	233
V_{Mt}		25.93	26.15	−46.61	53.44	299
M_{Mt}		47.92	73.41	−7.8	73.82	354
N_{Mt}		20.41	0.28	0.64	0.7	66
W_{Mt}	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

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

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$ u^*_c = *r00j* *lab*olv'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r00j* u^*_d = *m84o*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 47 67 32
*LAB*LCH*Ma*: 47 75 25
*lab*rgb*Ma*: 1.0 0.0 0.0
*lab*olv'*Ma*: 1.0 0.0 0.15
triangle lightness *t**:



ORS20_95a; CIELAB data

h^*_s	L^*=L^*_a	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Bl}	46.89	66.08	41.48	78.02	32
Y_{Mt}	88.66	−10.34	90.28	90.87	97
L_{Mt}	54.22	−65.51	35.22	74.38	152
C_{Mt}	61.43	−30.85	−40.54	50.94	233
V_{Mt}	25.93	26.15	−46.61	53.44	299
M_{Mt}	47.92	73.41	−7.8	73.82	354
N_{Mt}	20.41	0.28	0.64	0.7	66
W_{Mt}	94.64	−0.81	2.2	2.34	110
R_{Mt}	39.92	58.74	27.99	65.07	25
J_{Mt}	81.26	−2.89	71.56	71.62	92
G_{Mt}	52.23	−42.42	13.6	44.55	162
B_{Mt}	30.57	1.41	−46.47	46.49	272

ORS20_95a; adapted (a) CIELAB data

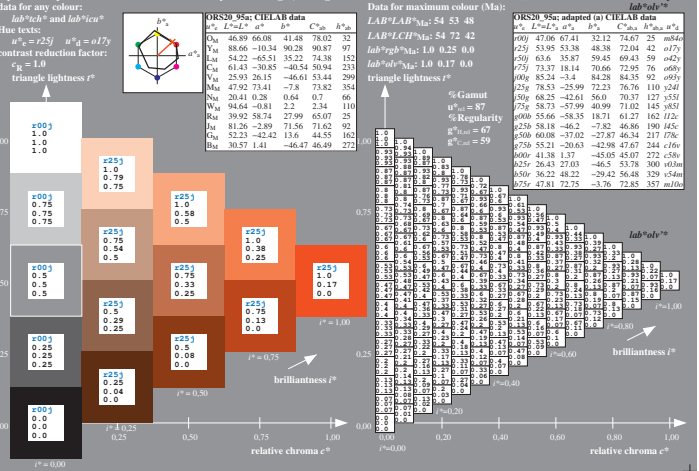
h^*_s	L^*_s=L^*_a	a^*_s	b^*_s	$C^*_{ab,s}$	$h^*_{ab,s}$	u^*_s
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
b25b	58.18	−46.2	−7.82	46.86	190	*l45c*
b50b	60.08	−37.02	−27.87	46.34	217	*l78c*
b75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

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

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$ u^*_c = *r25j* *lab*olv'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r25j* u^*_d = *o17y*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 54 53 48
*LAB*LCH*Ma*: 54 72 42
*lab*rgb*Ma*: 1.0 0.25 0.0
*lab*olv'*Ma*: 1.0 0.17 0.0
triangle lightness *t**:



ORS20_95a; CIELAB data

h^*_s	L^*=L^*_a	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Bl}	46.89	66.08	41.48	78.02	32
Y_{Mt}	88.66	−10.34	90.28	90.87	97
L_{Mt}	54.22	−65.51	35.22	74.38	152
C_{Mt}	61.43	−30.85	−40.54	50.94	233
V_{Mt}	25.93	26.15	−46.61	53.44	299
M_{Mt}	47.92	73.41	−7.8	73.82	354
N_{Mt}	20.41	0.28	0.64	0.7	66
W_{Mt}	94.64	−0.81	2.2	2.34	110
R_{Mt}	39.92	58.74	27.99	65.07	25
J_{Mt}	81.26	−2.89	71.56	71.62	92
G_{Mt}	52.23	−42.42	13.6	44.55	162
B_{Mt}	30.57	1.41	−46.47	46.49	272

ORS20_95a; adapted (a) CIELAB data

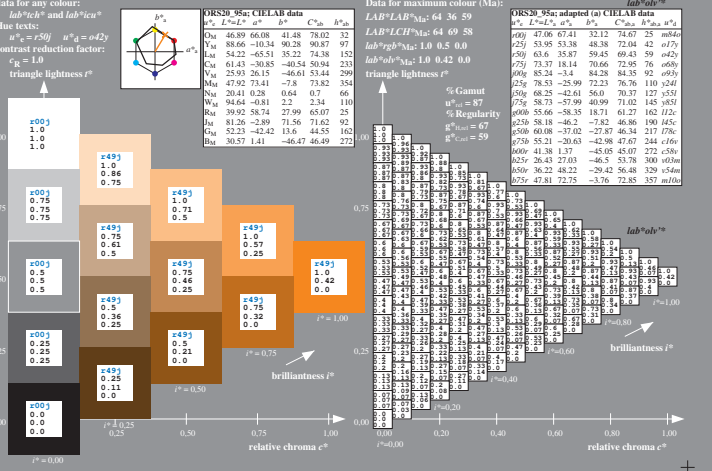
h^*_s	L^*_s=L^*_a	a^*_s	b^*_s	$C^*_{ab,s}$	$h^*_{ab,s}$	u^*_s
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
b25b	58.18	−46.2	−7.82	46.86	190	*l45c*
b50b	60.08	−37.02	−27.87	46.34	217	*l78c*
b75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

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

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$ u^*_c = *r50j* *lab*olv'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r50j* u^*_d = *o42y*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 64 36 59
*LAB*LCH*Ma*: 64 69 58
*lab*rgb*Ma*: 1.0 0.5 0.0
*lab*olv'*Ma*: 1.0 0.42 0.0
triangle lightness *t**:



ORS20_95a; CIELAB data

h^*_s	L^*=L^*_a	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Bl}	46.89	66.08	41.48	78.02	32
Y_{Mt}	88.66	−10.34	90.28	90.87	97
L_{Mt}	54.22	−65.51	35.22	74.38	152
C_{Mt}	61.43	−30.85	−40.54	50.94	233
V_{Mt}	25.93	26.15	−46.61	53.44	299
M_{Mt}	47.92	73.41	−7.8	73.82	354
N_{Mt}	20.41	0.28	0.64	0.7	66
W_{Mt}	94.64	−0.81	2.2	2.34	110
R_{Mt}	39.92	58.74	27.99	65.07	25
J_{Mt}	81.26	−2.89	71.56	71.62	92
G_{Mt}	52.23	−42.42	13.6	44.55	162
B_{Mt}	30.57	1.41	−46.47	46.49	272

ORS20_95a; adapted (a) CIELAB data

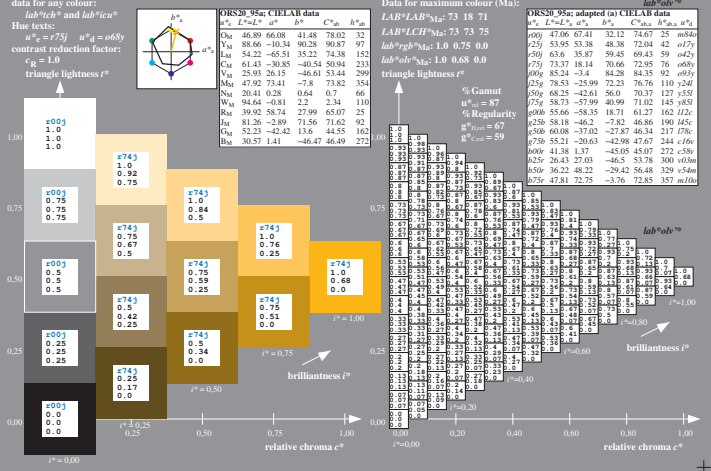
h^*_s	L^*_s=L^*_a	a^*_s	b^*_s	$C^*_{ab,s}$	$h^*_{ab,s}$	u^*_s
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
b25b	58.18	−46.2	−7.82	46.86	190	*l45c*
b50b	60.08	−37.02	−27.87	46.34	217	*l78c*
b75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

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

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$ u^*_c = *r75j* *lab*olv'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *r75j* u^*_d = *o68y*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 73 18 71
*LAB*LCH*Ma*: 73 73 75
*lab*rgb*Ma*: 1.0 0.75 0.0
*lab*olv'*Ma*: 1.0 0.68 0.0
triangle lightness *t**:



ORS20_95a; CIELAB data

h^*_s	L^*=L^*_a	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Bl}	46.89	66.08	41.48	78.02	32
Y_{Mt}	88.66	−10.34	90.28	90.87	97
L_{Mt}	54.22	−65.51	35.22	74.38	152
C_{Mt}	61.43	−30.85	−40.54	50.94	233
V_{Mt}	25.93	26.15	−46.61	53.44	299
M_{Mt}	47.92	73.41	−7.8	73.82	354
N_{Mt}	20.41	0.28	0.64	0.7	66
W_{Mt}	94.64	−0.81	2.2	2.34	110
R_{Mt}	39.92	58.74	27.99	65.07	25
J_{Mt}	81.26	−2.89	71.56	71.62	92
G_{Mt}	52.23	−42.42	13.6	44.55	162
B_{Mt}	30.57	1.41	−46.47	46.49	272

ORS20_95a; adapted (a) CIELAB data

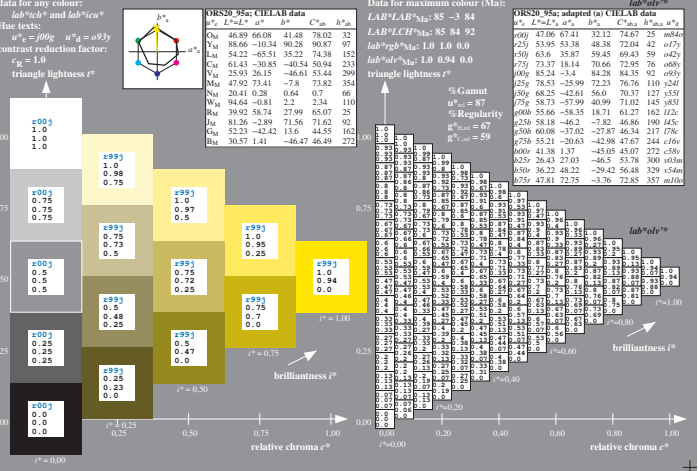
h^*_s	L^*_s=L^*_a	a^*_s	b^*_s	$C^*_{ab,s}$	$h^*_{ab,s}$	u^*_s
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
b25b	58.18	−46.2	−7.82	46.86	190	*l45c*
b50b	60.08	−37.02	−27.87	46.34	217	*l78c*
b75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

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

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$ u^*_c = *j00g* *lab*olv'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j00g* u^*_d = *o93y*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 85 −3 84
*LAB*LCH*Ma*: 85 84 92
*lab*rgb*Ma*: 1.0 1.0 0.0
*lab*olv'*Ma*: 1.0 0.94 0.0
triangle lightness *t**:



ORS20_95a; CIELAB data

h^*_s	L^*=L^*_a	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Bl}	46.89	66.08	41.48	78.02	32
Y_{Mt}	88.66	−10.34	90.28	90.87	97
L_{Mt}	54.22	−65.51	35.22	74.38	152
C_{Mt}	61.43	−30.85	−40.54	50.94	233
V_{Mt}	25.93	26.15	−46.61	53.44	299
M_{Mt}	47.92	73.41	−7.8	73.82	354
N_{Mt}	20.41	0.28	0.64	0.7	66
W_{Mt}	94.64	−0.81	2.2	2.34	110
R_{Mt}	39.92	58.74	27.99	65.07	25
J_{Mt}	81.26	−2.89	71.56	71.62	92
G_{Mt}	52.23	−42.42	13.6	44.55	162
B_{Mt}	30.57	1.41	−46.47	46.49	272

ORS20_95a; adapted (a) CIELAB data

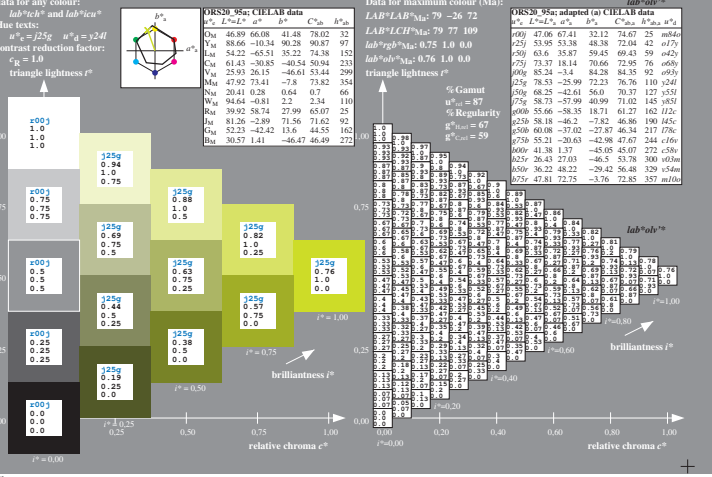
h^*_s	L^*_s=L^*_a	a^*_s	b^*_s	$C^*_{ab,s}$	$h^*_{ab,s}$	u^*_s
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
b25b	58.18	−46.2	−7.82	46.86	190	*l45c*
b50b	60.08	−37.02	−27.87	46.34	217	*l78c*
b75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

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

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$ u^*_c = *j25g* *lab*olv'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j25g* u^*_d = *y24l*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 79 −26 72
*LAB*LCH*Ma*: 79 77 109
*lab*rgb*Ma*: 0.75 1.0 0.0
*lab*olv'*Ma*: 0.76 1.0 0.0
triangle lightness *t**:



ORS20_95a; CIELAB data

h^*_s	L^*=L^*_a	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Bl}	46.89	66.08	41.48	78.02	32
Y_{Mt}	88.66	−10.34	90.28	90.87	97
L_{Mt}	54.22	−65.51	35.22	74.38	152
C_{Mt}	61.43	−30.85	−40.54	50.94	233
V_{Mt}	25.93	26.15	−46.61	53.44	299
M_{Mt}	47.92	73.41	−7.8	73.82	354
N_{Mt}	20.41	0.28	0.64	0.7	66
W_{Mt}	94.64	−0.81	2.2	2.34	110
R_{Mt}	39.92	58.74	27.99	65.07	25
J_{Mt}	81.26	−2.89	71.56	71.62	92
G_{Mt}	52.23	−42.42	13.6	44.55	162
B_{Mt}	30.57	1.41	−46.47	46.49	272

ORS20_95a; adapted (a) CIELAB data

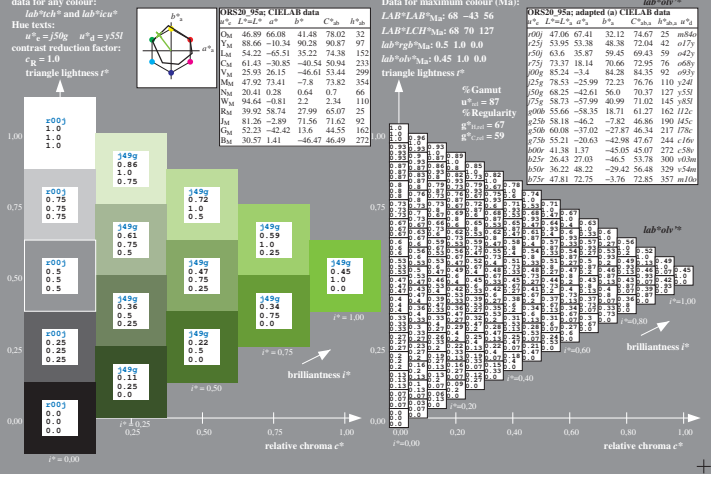
h^*_s	L^*_s=L^*_a	a^*_s	b^*_s	$C^*_{ab,s}$	$h^*_{ab,s}$	u^*_s
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
b25b	58.18	−46.2	−7.82	46.86	190	*l45c*
b50b	60.08	−37.02	−27.87	46.34	217	*l78c*
b75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

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

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$ u^*_c = *j50g* *lab*olv'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j50g* u^*_d = *y55l*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 68 −43 56
*LAB*LCH*Ma*: 68 70 127
*lab*rgb*Ma*: 0.5 1.0 0.0
*lab*olv'*Ma*: 0.45 1.0 0.0
triangle lightness *t**:



ORS20_95a; CIELAB data

h^*_s	L^*=L^*_a	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Bl}	46.89	66.08	41.48	78.02	32
Y_{Mt}	88.66	−10.34	90.28	90.87	97
L_{Mt}	54.22	−65.51	35.22	74.38	152
C_{Mt}	61.43	−30.85	−40.54	50.94	233
V_{Mt}	25.93	26.15	−46.61	53.44	299
M_{Mt}	47.92	73.41	−7.8	73.82	354
N_{Mt}	20.41	0.28	0.64	0.7	66
W_{Mt}	94.64	−0.81	2.2	2.34	110
R_{Mt}	39.92	58.74	27.99	65.07	25
J_{Mt}	81.26	−2.89	71.56	71.62	92
G_{Mt}	52.23	−42.42	13.6	44.55	162
B_{Mt}	30.57	1.41	−46.47	46.49	272

ORS20_95a; adapted (a) CIELAB data

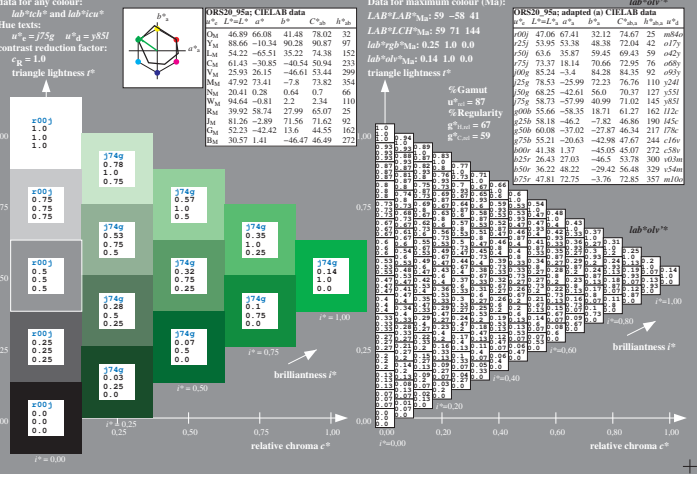
h^*_s	L^*_s=L^*_a	a^*_s	b^*_s	$C^*_{ab,s}$	$h^*_{ab,s}$	u^*_s
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
b25b	58.18	−46.2	−7.82	46.86	190	*l45c*
b50b	60.08	−37.02	−27.87	46.34	217	*l78c*
b75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

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

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$ u^*_c = *j75g* *lab*olv'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_c = *j75g* u^*_d = *y85l*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 59 −58 41
*LAB*LCH*Ma*: 59 71 144
*lab*rgb*Ma*: 0.25 1.0 0.0
*lab*olv'*Ma*: 0.14 1.0 0.0
triangle lightness *t**:

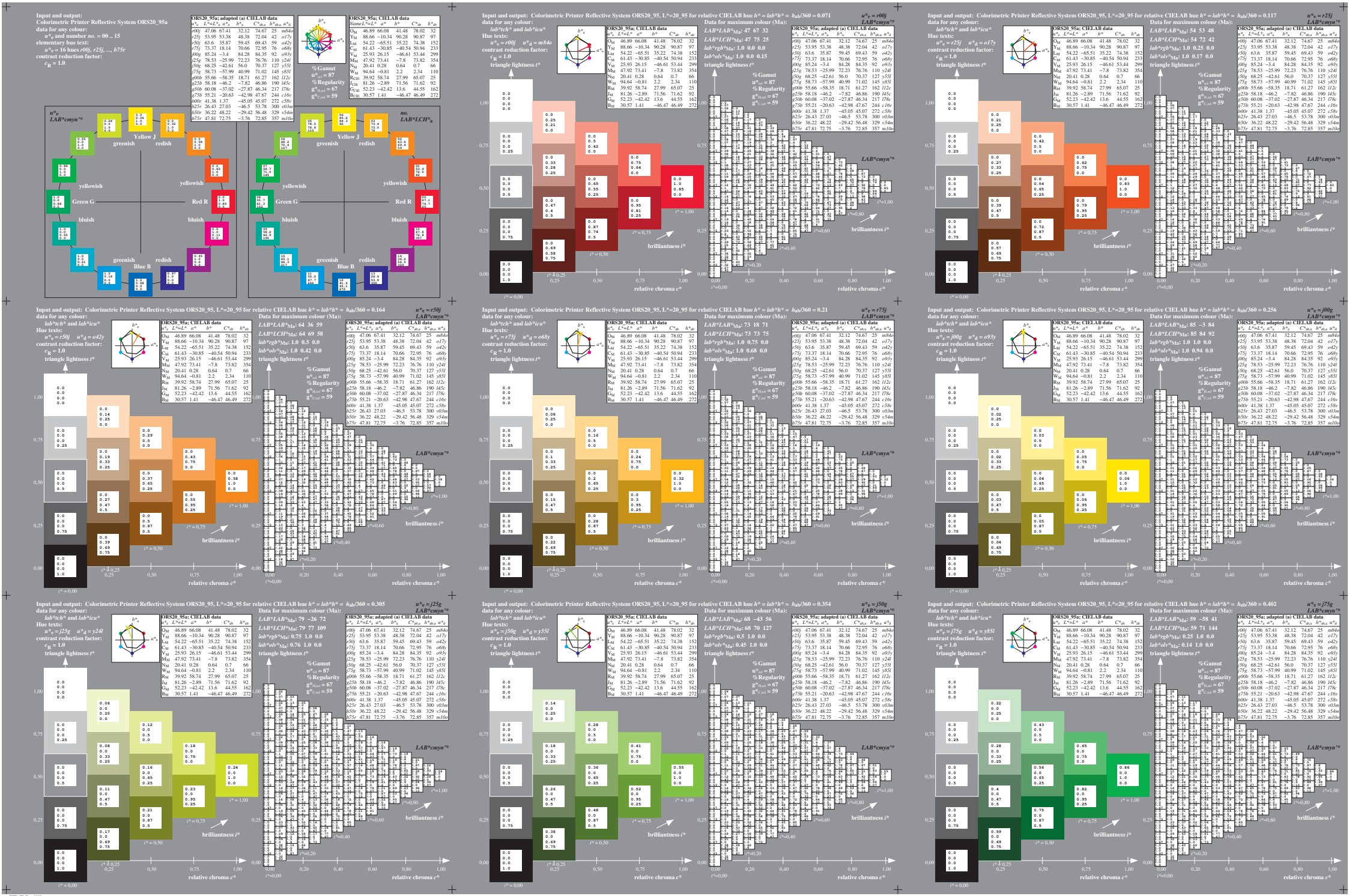


ORS20_95a; CIELAB data

h^*_s	L^*=L^*_a	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Bl}	46.89	66.08	41.48	78.02	32
Y_{Mt}	88.66	−10.34	90.28	90.87	97
L_{Mt}	54.22	−65.51	35.22	74.38	152
C_{Mt}	61.43	−30.85	−40.54	50.94	233
V_{Mt}	25.93	26.15	−46.61	53.44	299
M_{Mt}	47.92	73.41	−7.8	73.82	354
N_{Mt}	20.41	0.28	0.64	0.7	66
W_{Mt}	94.64	−0.81	2.2	2.34	110
R_{Mt}	39.92	58.74	27.99	65.07	25
J_{Mt}	81.26	−2.89	71.56	71.62	92
G_{Mt}	52.23	−42.42	13.6	44.55	162
B_{Mt}	30.57	1.41	−46.47	46.49	272

ORS20_95a; adapted (a) CIELAB data

h^*_s	L^*_s=L^*_a	a^*_s	b^*_s	$C^*_{ab,s}$	$h^*_{ab,s}$	u^*_s
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
b25b	58.18


Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
u*e and number no. = 00 .. 15
elementary hue text:
u*e = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
cR = 1.0
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; CIELAB data
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
Blue B
no.
LAB*LCH*a
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.071
u*e = r00j
Data for maximum colour (Ma):
LAB*LAB*Ma: 47 67 32
LAB*LCH*Ma: 47 75 25
lab*rgb*Ma: 1.0 0.0 0.0
lab*olv*Ma: 1.0 0.0 0.15
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.117
u*e = r25j
Data for maximum colour (Ma):
LAB*LAB*Ma: 54 53 48
LAB*LCH*Ma: 54 72 42
lab*rgb*Ma: 1.0 0.25 0.0
lab*olv*Ma: 1.0 0.17 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.164
u*e = r50j
Data for maximum colour (Ma):
LAB*LAB*Ma: 64 36 59
LAB*LCH*Ma: 64 69 58
lab*rgb*Ma: 1.0 0.5 0.0
lab*olv*Ma: 1.0 0.42 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.21
u*e = r75j
Data for maximum colour (Ma):
LAB*LAB*Ma: 73 18 71
LAB*LCH*Ma: 73 73 75
lab*rgb*Ma: 1.0 0.75 0.0
lab*olv*Ma: 1.0 0.68 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.256
u*e = j00g
Data for maximum colour (Ma):
LAB*LAB*Ma: 85 –3 84
LAB*LCH*Ma: 85 84 92
lab*rgb*Ma: 1.0 1.0 0.0
lab*olv*Ma: 1.0 0.94 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.305
u*e = j25g
Data for maximum colour (Ma):
LAB*LAB*Ma: 79 –26 72
LAB*LCH*Ma: 79 77 109
lab*rgb*Ma: 0.75 1.0 0.0
lab*olv*Ma: 0.76 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.354
u*e = j50g
Data for maximum colour (Ma):
LAB*LAB*Ma: 68 –43 56
LAB*LCH*Ma: 68 70 127
lab*rgb*Ma: 0.5 1.0 0.0
lab*olv*Ma: 0.45 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.402
u*e = j75g
Data for maximum colour (Ma):
LAB*LAB*Ma: 59 –58 41
LAB*LCH*Ma: 59 71 144
lab*rgb*Ma: 0.25 1.0 0.0
lab*olv*Ma: 0.14 1.0 0.0
triangle lightness t*
brilliantness i*
relative chroma c*
LAB*cmyn'*
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