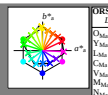
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab**tch **and** ***lab**icu***
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
c_R **= 1.0**

ORS19_96a; adapted (a) CIELAB data

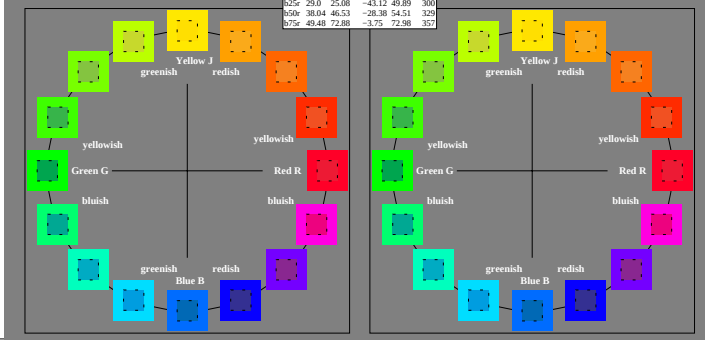
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357



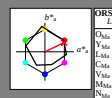
ORS19_96a; adapted (a) CIELAB data

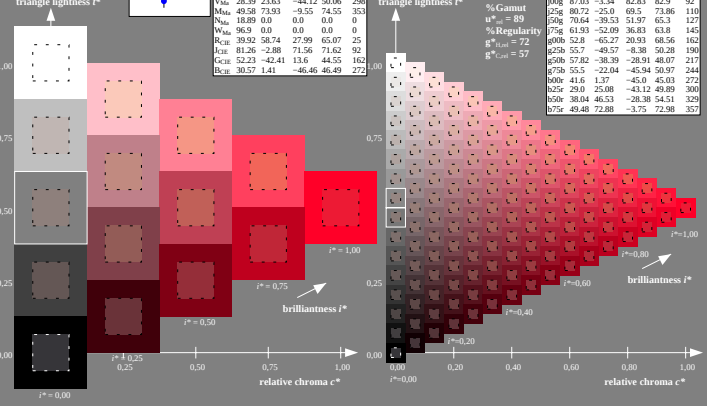
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut u^*_{uvl} = 89
%Regularity $g^*_{H,crl}$ = 72
$g^*_{C,crl}$ = 57

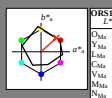


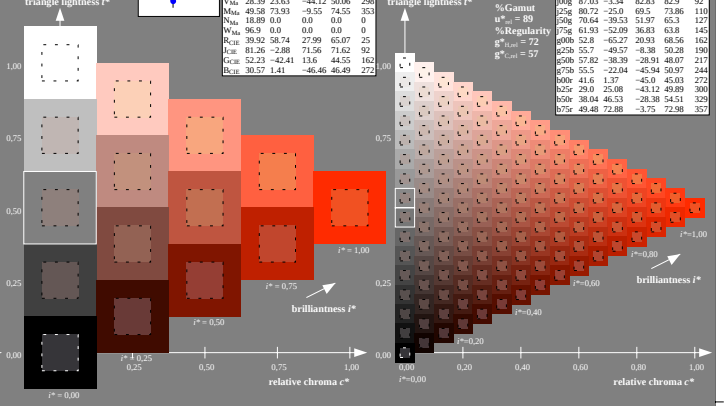
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** =*** h_{ab}**/360 = 25/360 = 0.071** ***u* = r00j***
data for any colour:
lab**tch **and** ***lab**icu***
elementary hue text:
u* = r00j
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****
Data for maximum colour (Ma):
***LAB**LAB*Ma*: 49 66 32**
***LAB**LCH*Ma*: 49 74 25**
***lab**rgb*Ma*: 1.0 0.0 0.0**
***lab**olv*Ma*: 1.0 0.0 0.16**



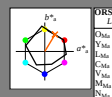


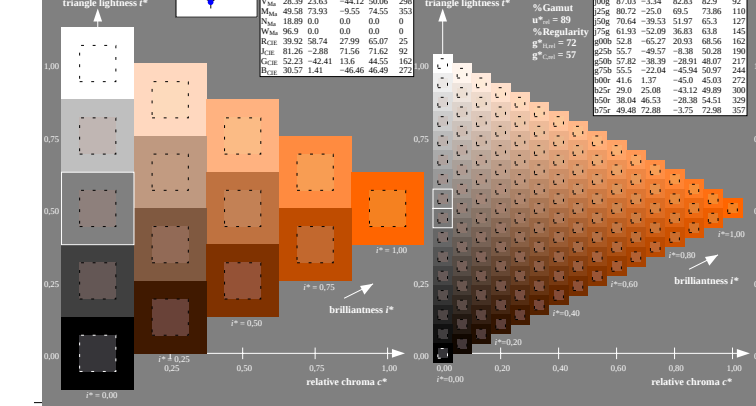
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** =*** h_{ab}**/360 = 42/360 = 0.117** ***u* = r25j***
data for any colour:
lab**tch **and** ***lab**icu***
elementary hue text:
u* = r25j
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****
Data for maximum colour (Ma):
***LAB**LAB*Ma*: 56 52 47**
***LAB**LCH*Ma*: 56 71 42**
***lab**rgb*Ma*: 1.0 0.25 0.0**
***lab**olv*Ma*: 1.0 0.17 0.0**



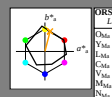


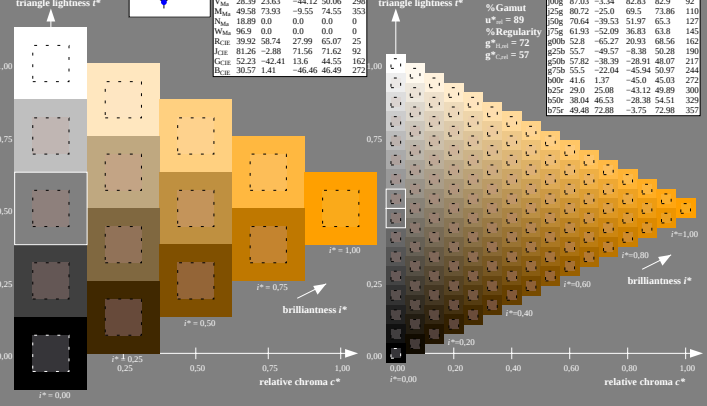
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** =*** h_{ab}**/360 = 59/360 = 0.164** ***u* = r50j***
data for any colour:
lab**tch **and** ***lab**icu***
elementary hue text:
u* = r50j
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****
Data for maximum colour (Ma):
***LAB**LAB*Ma*: 65 35 58**
***LAB**LCH*Ma*: 65 68 59**
***lab**rgb*Ma*: 1.0 0.5 0.0**
***lab**olv*Ma*: 1.0 0.4 0.0**



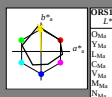


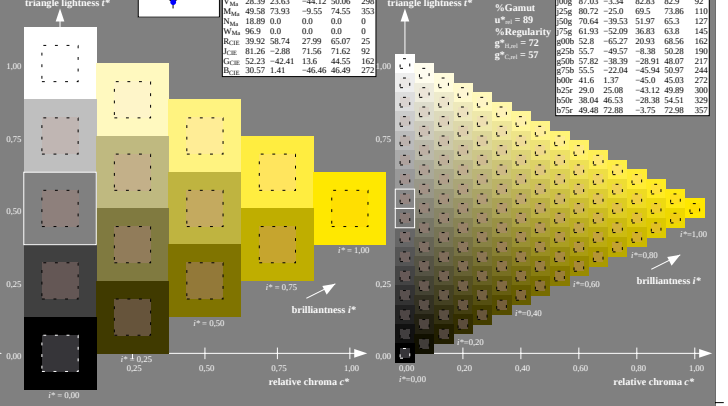
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** =*** h_{ab}**/360 = 76/360 = 0.21** ***u* = r75j***
data for any colour:
lab**tch **and** ***lab**icu***
elementary hue text:
u* = r75j
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****
Data for maximum colour (Ma):
***LAB**LAB*Ma*: 75 18 69**
***LAB**LCH*Ma*: 75 72 76**
***lab**rgb*Ma*: 1.0 0.75 0.0**
***lab**olv*Ma*: 1.0 0.63 0.0**



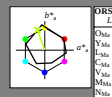


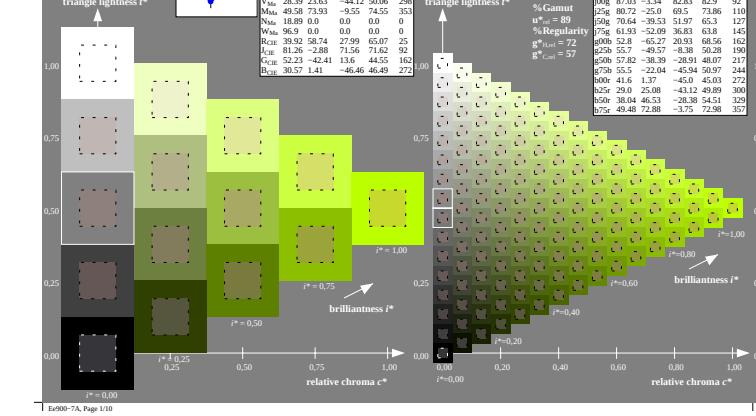
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** =*** h_{ab}**/360 = 92/360 = 0.256** ***u* = j00g***
data for any colour:
lab**tch **and** ***lab**icu***
elementary hue text:
u* = j00g
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****
Data for maximum colour (Ma):
***LAB**LAB*Ma*: 87 −2 83**
***LAB**LCH*Ma*: 87 83 92**
***lab**rgb*Ma*: 1.0 1.0 0.0**
***lab**olv*Ma*: 1.0 0.91 0.0**



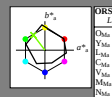


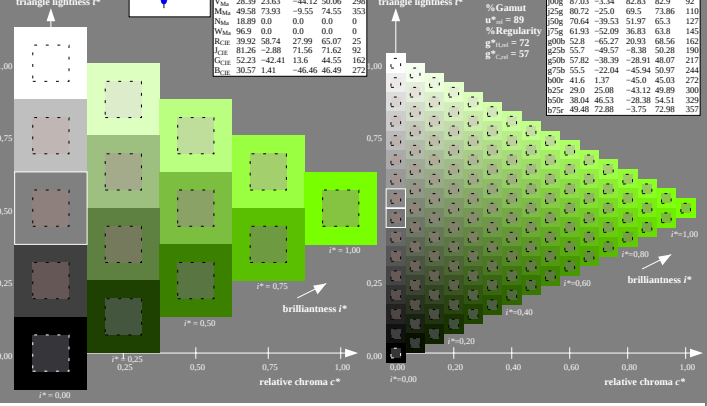
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** =*** h_{ab}**/360 = 110/360 = 0.305** ***u* = j25g***
data for any colour:
lab**tch **and** ***lab**icu***
elementary hue text:
u* = j25g
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****
Data for maximum colour (Ma):
***LAB**LAB*Ma*: 81 −24 69**
***LAB**LCH*Ma*: 81 74 110**
***lab**rgb*Ma*: 0.75 1.0 0.0**
***lab**olv*Ma*: 0.73 1.0 0.0**



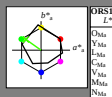


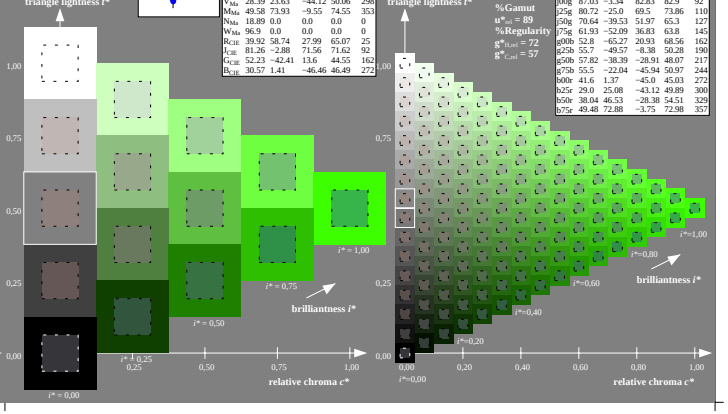
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** =*** h_{ab}**/360 = 127/360 = 0.354** ***u* = j50g***
data for any colour:
lab**tch **and** ***lab**icu***
elementary hue text:
u* = j50g
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****
Data for maximum colour (Ma):
***LAB**LAB*Ma*: 71 −39 52**
***LAB**LCH*Ma*: 71 65 127**
***lab**rgb*Ma*: 0.5 1.0 0.0**
***lab**olv*Ma*: 0.47 1.0 0.0**





Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** =*** h_{ab}**/360 = 145/360 = 0.402** ***u* = j75g***
data for any colour:
lab**tch **and** ***lab**icu***
elementary hue text:
u* = j75g
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****
Data for maximum colour (Ma):
***LAB**LAB*Ma*: 62 −51 37**
***LAB**LCH*Ma*: 62 64 145**
***lab**rgb*Ma*: 0.25 1.0 0.0**
***lab**olv*Ma*: 0.24 1.0 0.0**





Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
c_R **= 1.0**

ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

ORS19_96a; adapted (a) CIELAB data

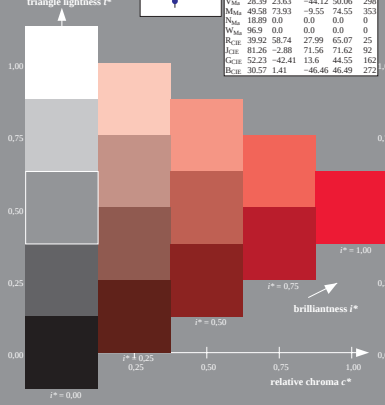
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut
u^*_{col} = 89
%Regularity
$g^*_{R,col}$ = 72
$g^*_{C,col}$ = 57

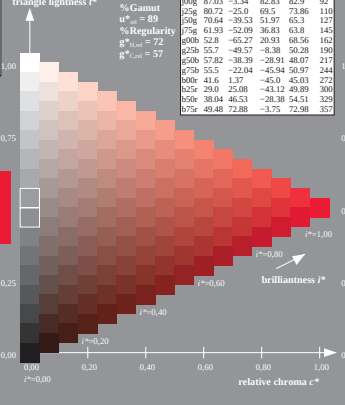
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** = h_{ab}/360 = 25/360 = 0.071*** ***u* = r00j***
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = r00j
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****

ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272



Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 49 66 32**
***LAB*LCH*$_{Ma}$*: 49 74 25**
***lab*rgb*$_{Ma}$*: 1.0 0.0 0.0**
***lab*olv*$_{Ma}$*: 1.0 0.0 0.16**
triangle lightness ***t****



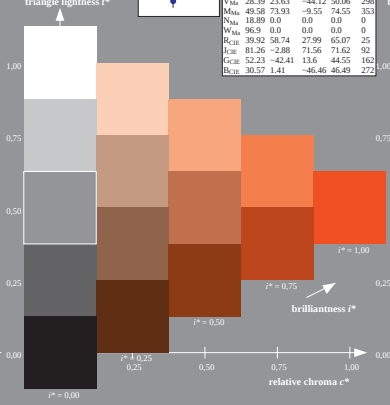
ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

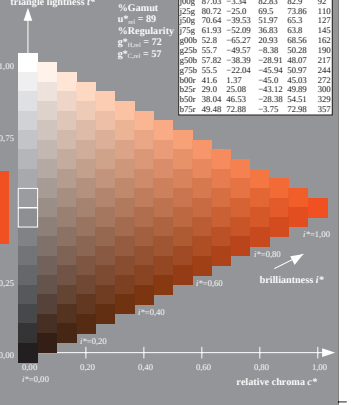
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** = h_{ab}/360 = 42/360 = 0.117*** ***u* = r25j***
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = r25j
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****

ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272



Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 56 52 47**
***LAB*LCH*$_{Ma}$*: 56 71 42**
***lab*rgb*$_{Ma}$*: 1.0 0.25 0.0**
***lab*olv*$_{Ma}$*: 1.0 0.17 0.0**
triangle lightness ***t****



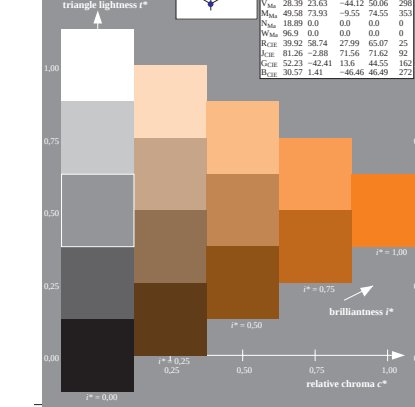
ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

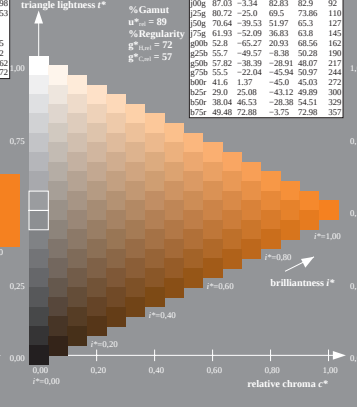
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** = h_{ab}/360 = 59/360 = 0.164*** ***u* = r50j***
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = r50j
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****

ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272



Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 65 35 58**
***LAB*LCH*$_{Ma}$*: 65 68 59**
***lab*rgb*$_{Ma}$*: 1.0 0.5 0.0**
***lab*olv*$_{Ma}$*: 1.0 0.4 0.0**
triangle lightness ***t****



%Gamut
u^*_{col} = 89
%Regularity
$g^*_{R,col}$ = 72
$g^*_{C,col}$ = 57

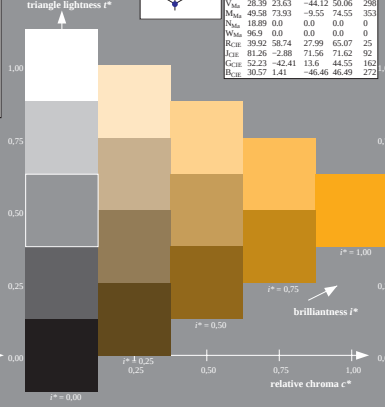
ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

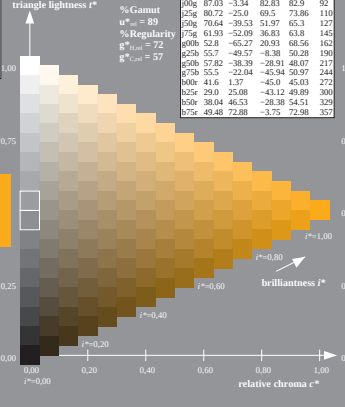
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** = h_{ab}/360 = 76/360 = 0.21*** ***u* = r75j***
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = r75j
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****

ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272



Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 75 18 69**
***LAB*LCH*$_{Ma}$*: 75 72 76**
***lab*rgb*$_{Ma}$*: 1.0 0.75 0.0**
***lab*olv*$_{Ma}$*: 1.0 0.63 0.0**
triangle lightness ***t****



%Gamut
u^*_{col} = 89
%Regularity
$g^*_{R,col}$ = 72
$g^*_{C,col}$ = 57

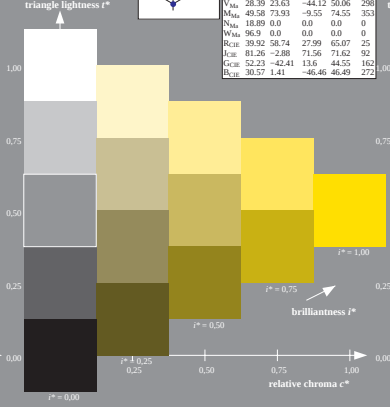
ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

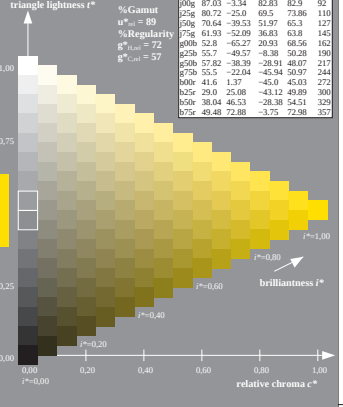
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** = h_{ab}/360 = 92/360 = 0.256*** ***u* = j00g***
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = j00g
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****

ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272



Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 87 −2 83**
***LAB*LCH*$_{Ma}$*: 87 83 92**
***lab*rgb*$_{Ma}$*: 1.0 1.0 0.0**
***lab*olv*$_{Ma}$*: 1.0 0.91 0.0**
triangle lightness ***t****



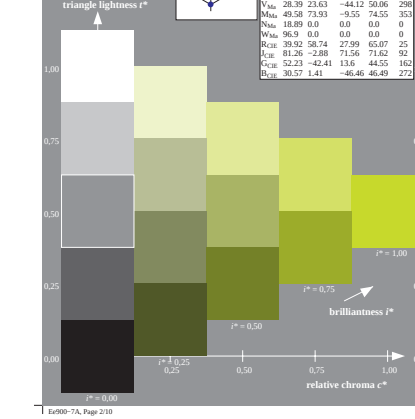
ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

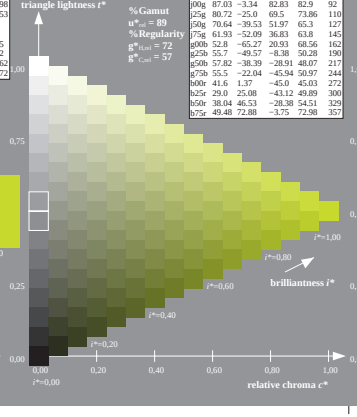
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** = h_{ab}/360 = 110/360 = 0.305*** ***u* = j25g***
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = j25g
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****

ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272



Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 81 −24 69**
***LAB*LCH*$_{Ma}$*: 81 74 110**
***lab*rgb*$_{Ma}$*: 0.75 1.0 0.0**
***lab*olv*$_{Ma}$*: 0.73 1.0 0.0**
triangle lightness ***t****



%Gamut
u^*_{col} = 89
%Regularity
$g^*_{R,col}$ = 72
$g^*_{C,col}$ = 57

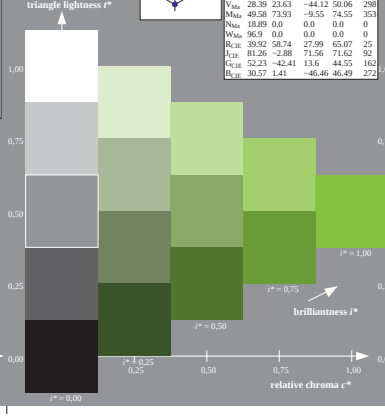
ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

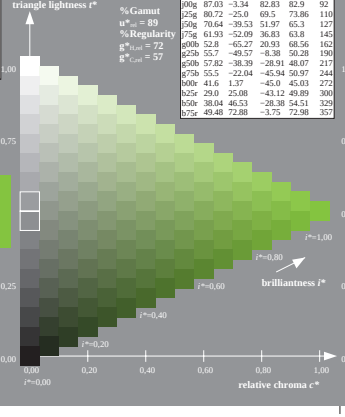
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** = h_{ab}/360 = 127/360 = 0.354*** ***u* = j50g***
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = j50g
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****

ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272



Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 71 −39 52**
***LAB*LCH*$_{Ma}$*: 71 65 127**
***lab*rgb*$_{Ma}$*: 0.5 1.0 0.0**
***lab*olv*$_{Ma}$*: 0.47 1.0 0.0**
triangle lightness ***t****



%Gamut
u^*_{col} = 89
%Regularity
$g^*_{R,col}$ = 72
$g^*_{C,col}$ = 57

ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue ***h* = lab*h** = h_{ab}/360 = 145/360 = 0.402*** ***u* = j75g***
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = j75g
contrast reduction factor:
c_R **= 1.0**
triangle lightness ***t****

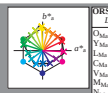
ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25

Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
$c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data

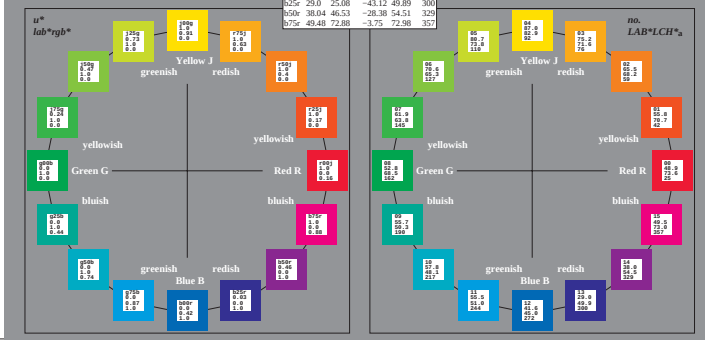
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
y00g	87.03	−3.34	82.83	82.9	92
y25g	80.72	−25.0	69.5	73.86	110
y50g	70.64	−39.53	51.97	65.3	127
y75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357



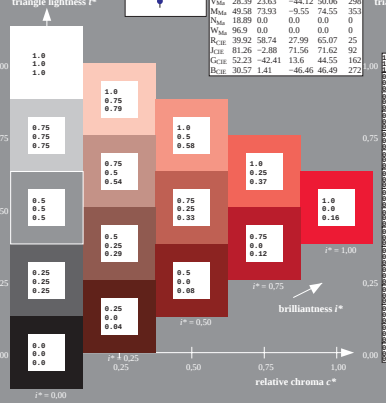
ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Max}	48.75	65.07	39.43	76.08	31
Y_{Max}	90.92	−10.28	87.24	87.85	97
L_{Max}	52.69	−65.43	20.75	68.65	162
C_{Max}	59.61	−28.97	−46.21	54.56	238
V_{Max}	28.39	23.63	−44.12	50.06	298
M_{Max}	49.58	73.93	−9.55	74.55	353
N_{Max}	18.89	0.0	0.0	0.0	0
W_{Max}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

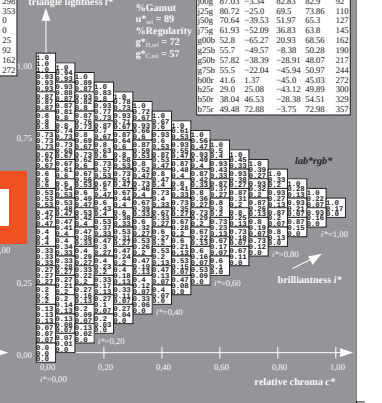
%Gamut $u^*_{sol} = 89$
%Regularity $g^*_{R,rel} = 72$
$g^*_{C,rel} = 57$



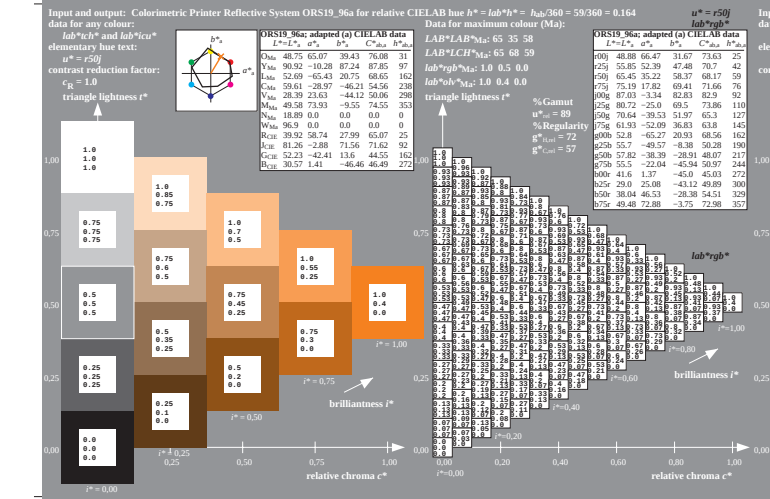
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ — ***u* = r00j***
data for any colour: ***lab*tch* and lab*icu***
elementary hue text: ***u* = r00j***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 49 66 32**
***LAB*LCH*Ma*: 49 74 25**
***lab*rgb*Ma*: 1.0 0.0 0.0**
***lab*olv*Ma*: 1.0 0.0 0.16**



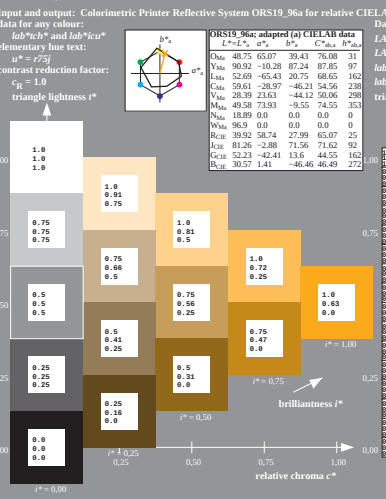
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ — ***u* = r25j***
data for any colour: ***lab*tch* and lab*icu***
elementary hue text: ***u* = r25j***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 56 52 47**
***LAB*LCH*Ma*: 56 71 42**
***lab*rgb*Ma*: 1.0 0.25 0.0**
***lab*olv*Ma*: 1.0 0.17 0.0**



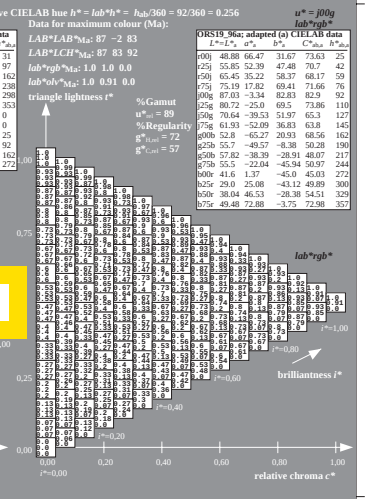
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ — ***u* = r50j***
data for any colour: ***lab*tch* and lab*icu***
elementary hue text: ***u* = r50j***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 65 35 58**
***LAB*LCH*Ma*: 65 68 59**
***lab*rgb*Ma*: 1.0 0.5 0.0**
***lab*olv*Ma*: 1.0 0.4 0.0**



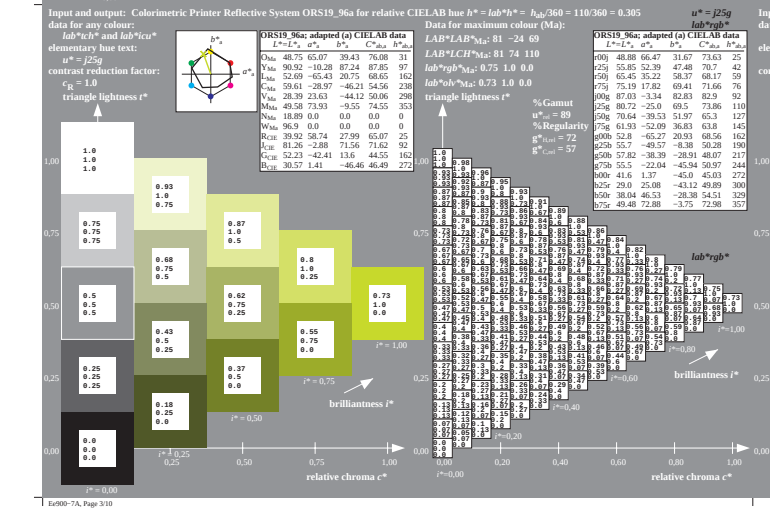
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ — ***u* = r75j***
data for any colour: ***lab*tch* and lab*icu***
elementary hue text: ***u* = r75j***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 75 18 69**
***LAB*LCH*Ma*: 75 72 76**
***lab*rgb*Ma*: 1.0 0.75 0.0**
***lab*olv*Ma*: 1.0 0.63 0.0**



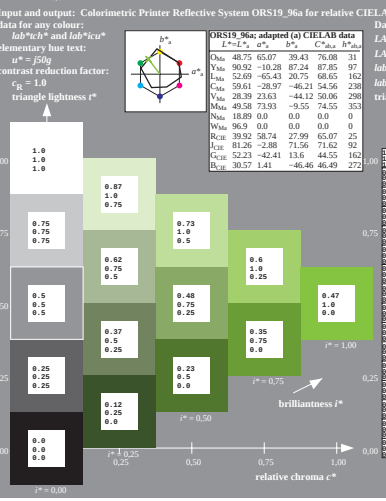
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ — ***u* = j00g***
data for any colour: ***lab*tch* and lab*icu***
elementary hue text: ***u* = j00g***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 87 −2 83**
***LAB*LCH*Ma*: 87 83 92**
***lab*rgb*Ma*: 1.0 1.0 0.0**
***lab*olv*Ma*: 1.0 0.91 0.0**



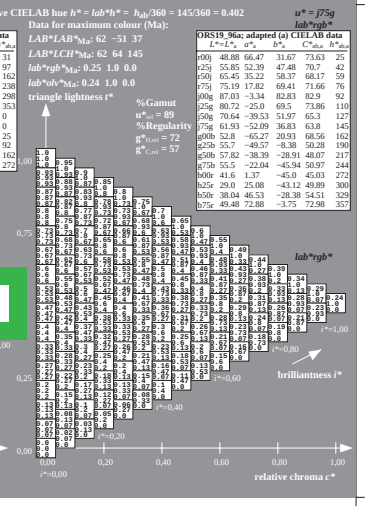
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ — ***u* = j25g***
data for any colour: ***lab*tch* and lab*icu***
elementary hue text: ***u* = j25g***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 81 −24 69**
***LAB*LCH*Ma*: 81 74 110**
***lab*rgb*Ma*: 0.75 1.0 0.0**
***lab*olv*Ma*: 0.73 1.0 0.0**



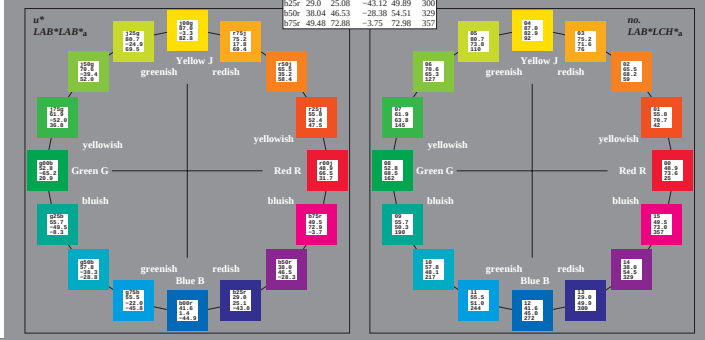
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ — ***u* = j50g***
data for any colour: ***lab*tch* and lab*icu***
elementary hue text: ***u* = j50g***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 71 −39 52**
***LAB*LCH*Ma*: 71 65 127**
***lab*rgb*Ma*: 0.5 1.0 0.0**
***lab*olv*Ma*: 0.47 1.0 0.0**



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ — ***u* = j75g***
data for any colour: ***lab*tch* and lab*icu***
elementary hue text: ***u* = j75g***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 62 −51 37**
***LAB*LCH*Ma*: 62 64 145**
***lab*rgb*Ma*: 0.25 1.0 0.0**
***lab*olv*Ma*: 0.24 1.0 0.0**



Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = 16 hues r00j, r25j, ..., b75r*
contrast reduction factor: $c_R = 1.0$



%Gamut $u^*_{sat} = 89$
%Regularity $g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

ORS19_96a: adapted (a) CIELAB data

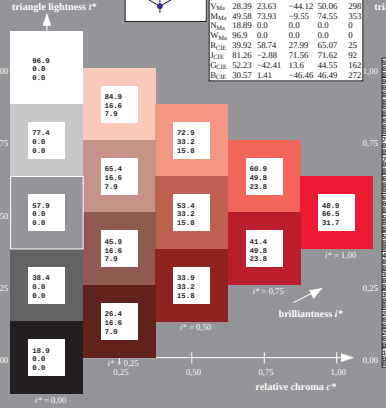
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Max}	48.75	65.07	39.43	76.08	31
Y_{Max}	90.92	−10.28	87.24	87.85	97
L_{Max}	52.69	−65.43	20.75	68.65	162
C_{Max}	59.61	−28.97	−46.21	54.56	238
V_{Max}	28.39	23.63	−44.12	50.06	298
M_{Max}	49.58	73.93	−9.55	74.55	353
N_{Max}	18.89	0.0	0.0	0.0	0
W_{Max}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ *u* = r00j LAB*LAB*a*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r00j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 66 32
*LAB*LCH**$_{Ma}$: 49 74 25
*lab*rgb**$_{Ma}$: 1.0 0.0 0.0
*lab*olv**$_{Ma}$: 1.0 0.0 0.16



%Gamut $u^*_{sat} = 89$
%Regularity $g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

ORS19_96a: adapted (a) CIELAB data

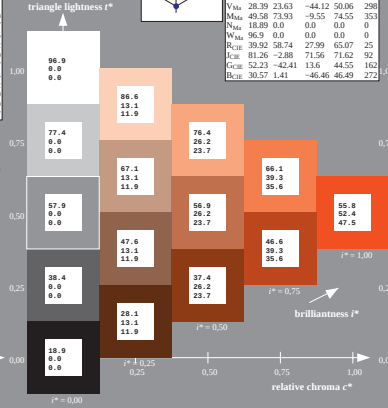
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Max}	48.75	65.07	39.43	76.08	31
Y_{Max}	90.92	−10.28	87.24	87.85	97
L_{Max}	52.69	−65.43	20.75	68.65	162
C_{Max}	59.61	−28.97	−46.21	54.56	238
V_{Max}	28.39	23.63	−44.12	50.06	298
M_{Max}	49.58	73.93	−9.55	74.55	353
N_{Max}	18.89	0.0	0.0	0.0	0
W_{Max}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ *u* = r25j LAB*LAB*a*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r25j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 52 47
*LAB*LCH**$_{Ma}$: 56 71 42
*lab*rgb**$_{Ma}$: 1.0 0.25 0.0
*lab*olv**$_{Ma}$: 1.0 0.17 0.0



%Gamut $u^*_{sat} = 89$
%Regularity $g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

ORS19_96a: adapted (a) CIELAB data

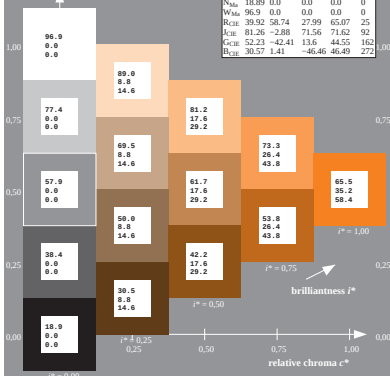
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Max}	48.75	65.07	39.43	76.08	31
Y_{Max}	90.92	−10.28	87.24	87.85	97
L_{Max}	52.69	−65.43	20.75	68.65	162
C_{Max}	59.61	−28.97	−46.21	54.56	238
V_{Max}	28.39	23.63	−44.12	50.06	298
M_{Max}	49.58	73.93	−9.55	74.55	353
N_{Max}	18.89	0.0	0.0	0.0	0
W_{Max}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ *u* = r50j LAB*LAB*a*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r50j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 65 35 58
*LAB*LCH**$_{Ma}$: 65 68 59
*lab*rgb**$_{Ma}$: 1.0 0.5 0.0
*lab*olv**$_{Ma}$: 1.0 0.4 0.0



%Gamut $u^*_{sat} = 89$
%Regularity $g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

ORS19_96a: adapted (a) CIELAB data

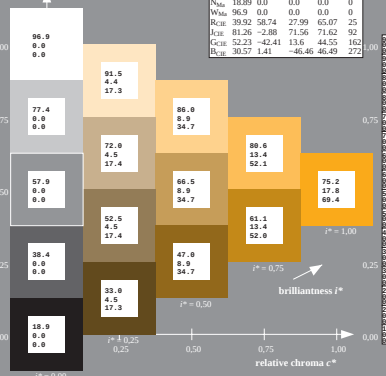
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Max}	48.75	65.07	39.43	76.08	31
Y_{Max}	90.92	−10.28	87.24	87.85	97
L_{Max}	52.69	−65.43	20.75	68.65	162
C_{Max}	59.61	−28.97	−46.21	54.56	238
V_{Max}	28.39	23.63	−44.12	50.06	298
M_{Max}	49.58	73.93	−9.55	74.55	353
N_{Max}	18.89	0.0	0.0	0.0	0
W_{Max}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ *u* = r75j LAB*LAB*a*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r75j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 75 18 69
*LAB*LCH**$_{Ma}$: 75 72 76
*lab*rgb**$_{Ma}$: 1.0 0.75 0.0
*lab*olv**$_{Ma}$: 1.0 0.63 0.0



%Gamut $u^*_{sat} = 89$
%Regularity $g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

ORS19_96a: adapted (a) CIELAB data

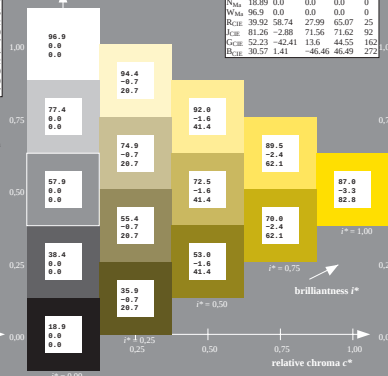
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Max}	48.75	65.07	39.43	76.08	31
Y_{Max}	90.92	−10.28	87.24	87.85	97
L_{Max}	52.69	−65.43	20.75	68.65	162
C_{Max}	59.61	−28.97	−46.21	54.56	238
V_{Max}	28.39	23.63	−44.12	50.06	298
M_{Max}	49.58	73.93	−9.55	74.55	353
N_{Max}	18.89	0.0	0.0	0.0	0
W_{Max}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ *u* = j00g LAB*LAB*a*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = j00g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 87 −2 83
*LAB*LCH**$_{Ma}$: 87 83 92
*lab*rgb**$_{Ma}$: 1.0 1.0 0.0
*lab*olv**$_{Ma}$: 1.0 0.91 0.0



%Gamut $u^*_{sat} = 89$
%Regularity $g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

ORS19_96a: adapted (a) CIELAB data

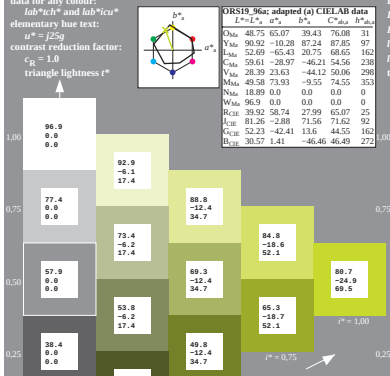
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Max}	48.75	65.07	39.43	76.08	31
Y_{Max}	90.92	−10.28	87.24	87.85	97
L_{Max}	52.69	−65.43	20.75	68.65	162
C_{Max}	59.61	−28.97	−46.21	54.56	238
V_{Max}	28.39	23.63	−44.12	50.06	298
M_{Max}	49.58	73.93	−9.55	74.55	353
N_{Max}	18.89	0.0	0.0	0.0	0
W_{Max}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ *u* = j25g LAB*LAB*a*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = j25g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 81 −24 69
*LAB*LCH**$_{Ma}$: 81 74 110
*lab*rgb**$_{Ma}$: 0.75 1.0 0.0
*lab*olv**$_{Ma}$: 0.73 1.0 0.0



%Gamut $u^*_{sat} = 89$
%Regularity $g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

ORS19_96a: adapted (a) CIELAB data

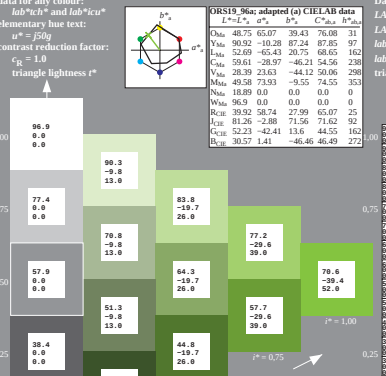
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Max}	48.75	65.07	39.43	76.08	31
Y_{Max}	90.92	−10.28	87.24	87.85	97
L_{Max}	52.69	−65.43	20.75	68.65	162
C_{Max}	59.61	−28.97	−46.21	54.56	238
V_{Max}	28.39	23.63	−44.12	50.06	298
M_{Max}	49.58	73.93	−9.55	74.55	353
N_{Max}	18.89	0.0	0.0	0.0	0
W_{Max}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ *u* = j50g LAB*LAB*a*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = j50g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 71 −39 52
*LAB*LCH**$_{Ma}$: 71 65 127
*lab*rgb**$_{Ma}$: 0.5 1.0 0.0
*lab*olv**$_{Ma}$: 0.47 1.0 0.0



%Gamut $u^*_{sat} = 89$
%Regularity $g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

ORS19_96a: adapted (a) CIELAB data

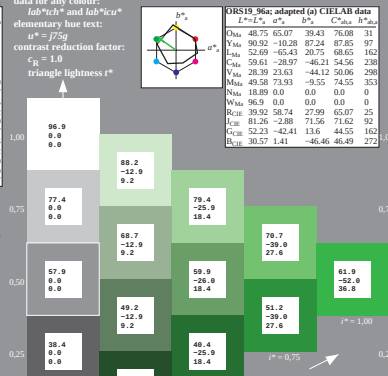
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Max}	48.75	65.07	39.43	76.08	31
Y_{Max}	90.92	−10.28	87.24	87.85	97
L_{Max}	52.69	−65.43	20.75	68.65	162
C_{Max}	59.61	−28.97	−46.21	54.56	238
V_{Max}	28.39	23.63	−44.12	50.06	298
M_{Max}	49.58	73.93	−9.55	74.55	353
N_{Max}	18.89	0.0	0.0	0.0	0
W_{Max}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ *u* = j75g LAB*LAB*a*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = j75g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 −51 37
*LAB*LCH**$_{Ma}$: 62 64 145
*lab*rgb**$_{Ma}$: 0.25 1.0 0.0
*lab*olv**$_{Ma}$: 0.24 1.0 0.0



%Gamut $u^*_{sat} = 89$
%Regularity $g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

ORS19_96a: adapted (a) CIELAB data

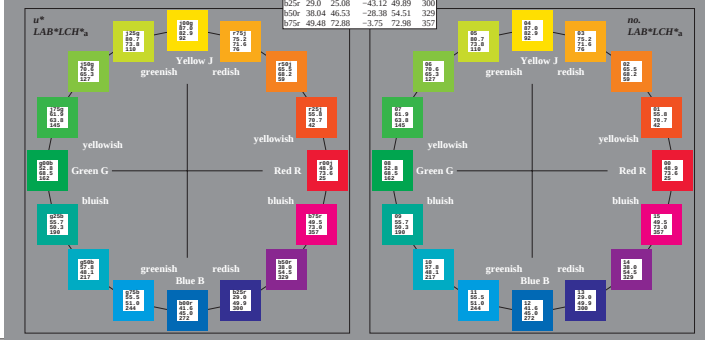
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Max}	48.75	65.07	39.43	76.08	31
Y_{Max}	90.92	−10.28	87.24	87.85	97
L_{Max}	52.69	−65.43	20.75	68.65	162
C_{Max}	59.61	−28.97	−46.21	54.56	238
V_{Max}	28.39	23.63	−44.12	50.06	298
M_{Max}	49.58	73.93	−9.55	74.55	353
N_{Max}	18.89	0.0	0.0	0.0	0
W_{Max}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83

Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = 16 hues r00j, r25j, ..., b75r*
contrast reduction factor: $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
y00g	87.03	−3.34	82.83	82.9	92
y25g	80.72	−25.0	69.5	73.86	110
y50g	70.64	−39.53	51.97	65.3	127
y75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357



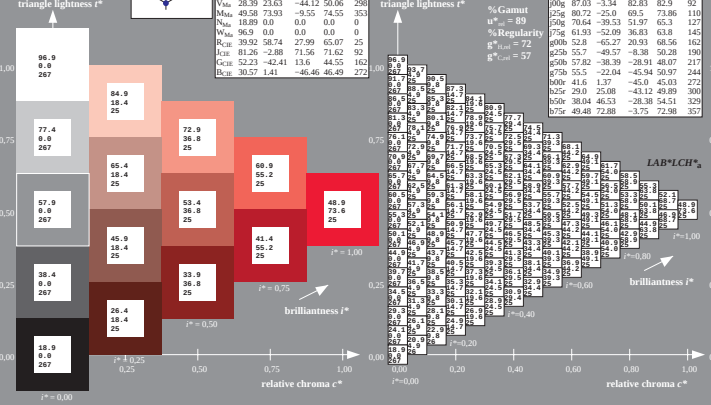
%Gamut $u^*_{uvl} = 89$
%Regularity $g^*_{R,rel} = 72$
$g^*_{C,rel} = 57$

ORS19_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = r00j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

u = r00j*
*LAB*LCH*a*

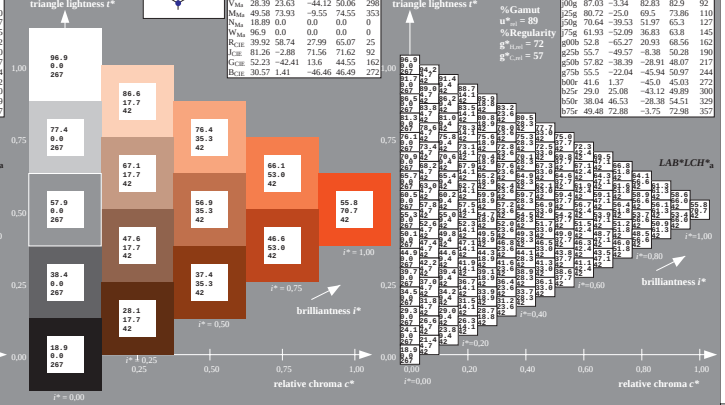
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 49 66 32
*LAB*LCH*Ma*: 49 74 25
*lab*rgb*Ma*: 1.0 0.0 0.0
*lab*olv*Ma*: 1.0 0.0 0.16



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = r25j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

u = r25j*
*LAB*LCH*a*

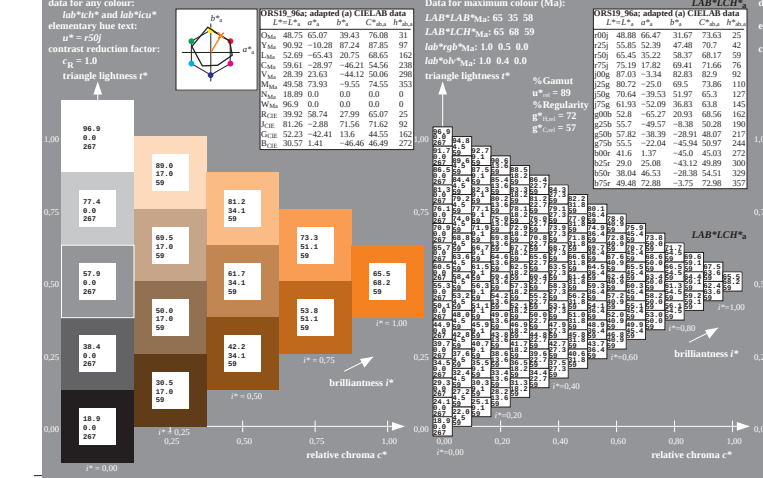
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 56 52 47
*LAB*LCH*Ma*: 56 71 42
*lab*rgb*Ma*: 1.0 0.25 0.0
*lab*olv*Ma*: 1.0 0.17 0.0



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = r50j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

u = r50j*
*LAB*LCH*a*

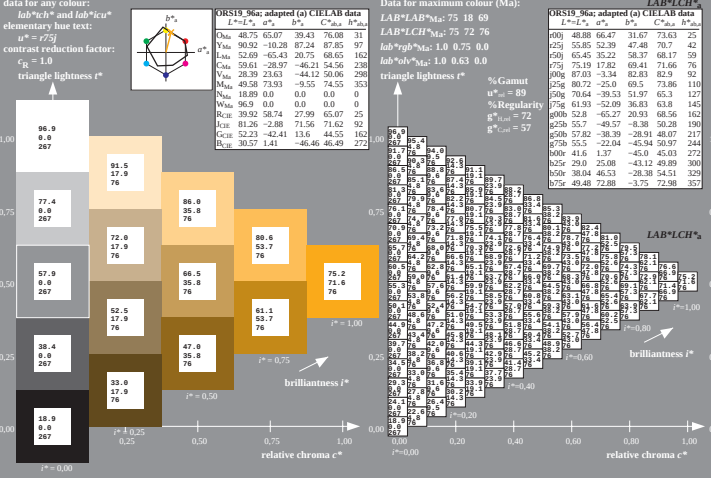
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 65 35 58
*LAB*LCH*Ma*: 65 68 59
*lab*rgb*Ma*: 1.0 0.5 0.0
*lab*olv*Ma*: 1.0 0.4 0.0



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = r75j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

u = r75j*
*LAB*LCH*a*

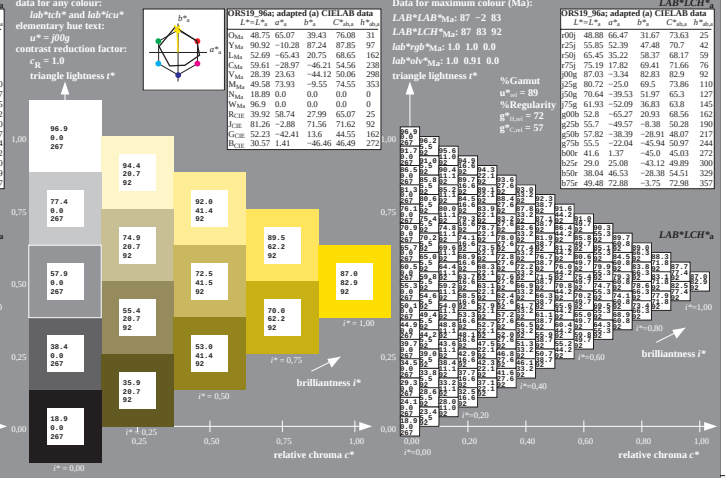
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 75 18 69
*LAB*LCH*Ma*: 75 72 76
*lab*rgb*Ma*: 1.0 0.75 0.0
*lab*olv*Ma*: 1.0 0.63 0.0



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = j00g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

u = j00g*
*LAB*LCH*a*

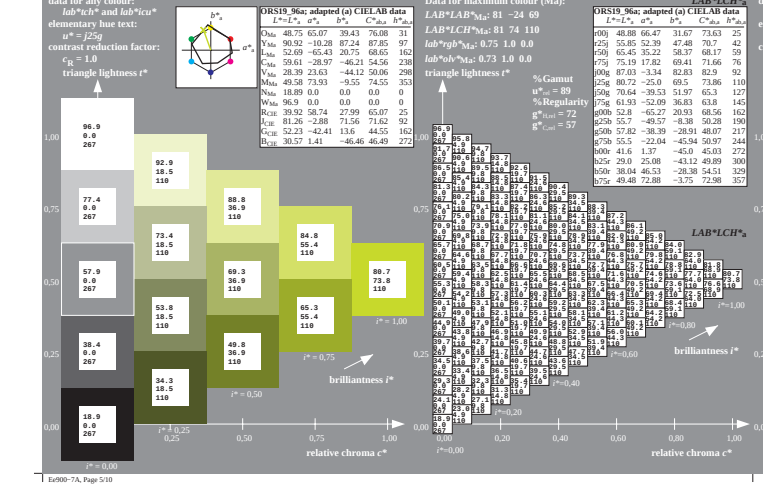
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 87 −2 83
*LAB*LCH*Ma*: 87 83 92
*lab*rgb*Ma*: 1.0 1.0 0.0
*lab*olv*Ma*: 1.0 0.91 0.0



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = j25g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

u = j25g*
*LAB*LCH*a*

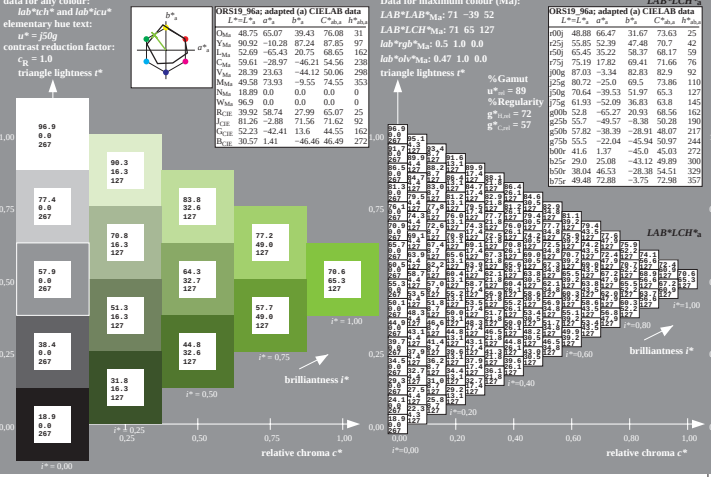
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 81 −24 69
*LAB*LCH*Ma*: 81 74 110
*lab*rgb*Ma*: 0.75 1.0 0.0
*lab*olv*Ma*: 0.73 1.0 0.0



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = j50g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

u = j50g*
*LAB*LCH*a*

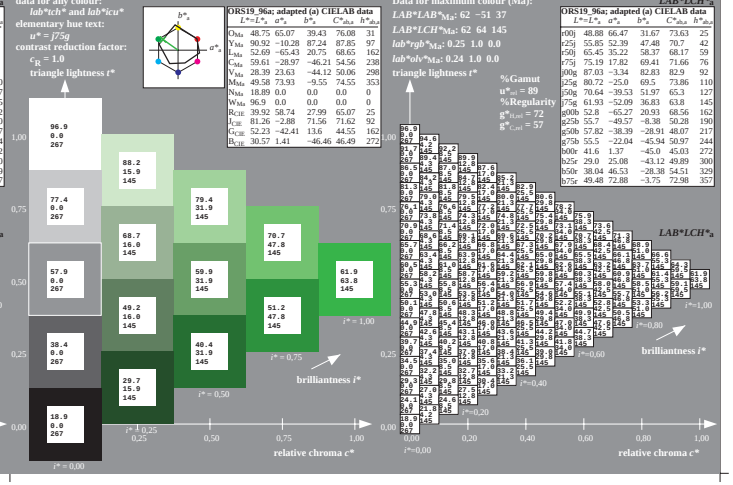
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 71 −39 52
*LAB*LCH*Ma*: 71 65 127
*lab*rgb*Ma*: 0.5 1.0 0.0
*lab*olv*Ma*: 0.47 1.0 0.0



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = j75g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

u = j75g*
*LAB*LCH*a*

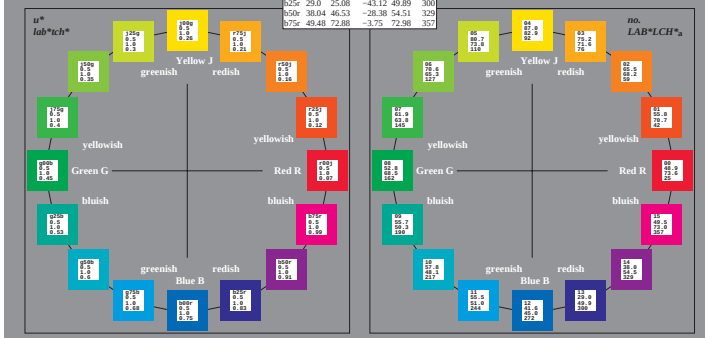
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 62 −51 37
*LAB*LCH*Ma*: 62 64 145
*lab*rgb*Ma*: 0.25 1.0 0.0
*lab*olv*Ma*: 0.24 1.0 0.0



Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
$c_R = 1.0$

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
y00g	87.03	−3.34	82.83	82.9	92
y25g	80.72	−25.0	69.5	73.86	110
y50g	70.64	−39.53	51.97	65.3	127
y75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = r00j
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

u* = r00j
lab*tch*

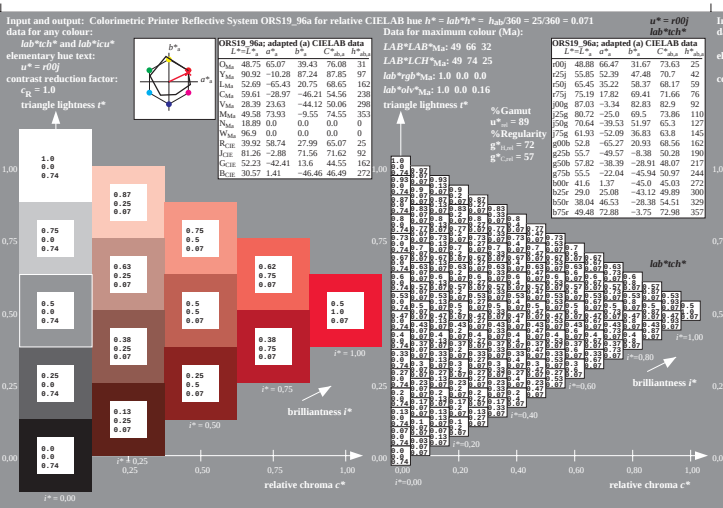
LAB*LAB*$_{Ma}$: 49 66 32
LAB*LCH*$_{Ma}$: 49 74 25
lab*rgb*$_{Ma}$: 1.0 0.0 0.0
lab*olv*$_{Ma}$: 1.0 0.0 0.16

Data for maximum colour (Ma):

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{R,ref} = 72$
$g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = r25j
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

u* = r25j
lab*tch*

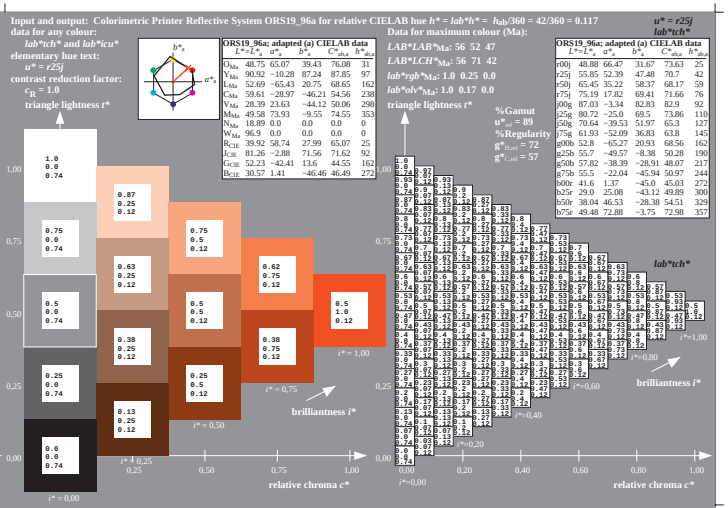
Data for maximum colour (Ma):

LAB*LAB*$_{Ma}$: 56 52 47
LAB*LCH*$_{Ma}$: 56 71 42
lab*rgb*$_{Ma}$: 1.0 0.25 0.0
lab*olv*$_{Ma}$: 1.0 0.17 0.0

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{R,ref} = 72$
$g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = r50j
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

u* = r50j
lab*tch*

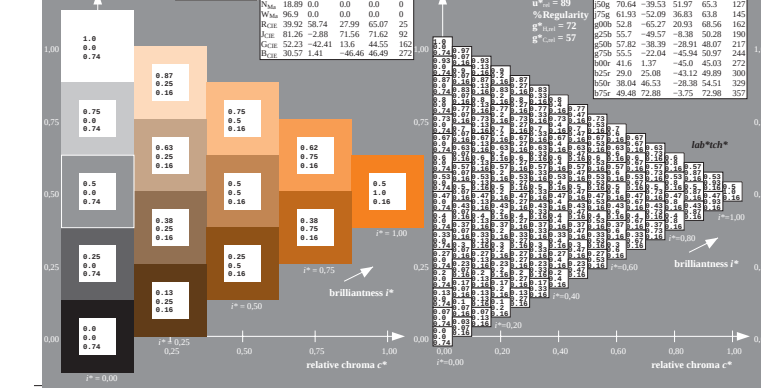
LAB*LAB*$_{Ma}$: 65 35 58
LAB*LCH*$_{Ma}$: 65 68 59
lab*rgb*$_{Ma}$: 1.0 0.5 0.0
lab*olv*$_{Ma}$: 1.0 0.4 0.0

Data for maximum colour (Ma):

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{R,ref} = 72$
$g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = r75j
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

u* = r75j
lab*tch*

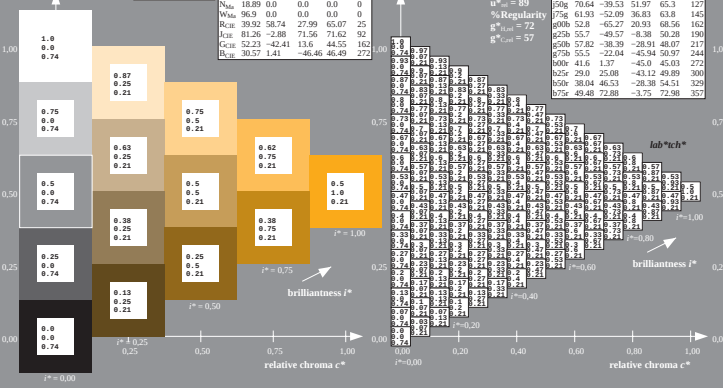
LAB*LAB*$_{Ma}$: 75 18 69
LAB*LCH*$_{Ma}$: 75 72 76
lab*rgb*$_{Ma}$: 1.0 0.75 0.0
lab*olv*$_{Ma}$: 1.0 0.63 0.0

Data for maximum colour (Ma):

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{R,ref} = 72$
$g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = j00g
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

u* = j00g
lab*tch*

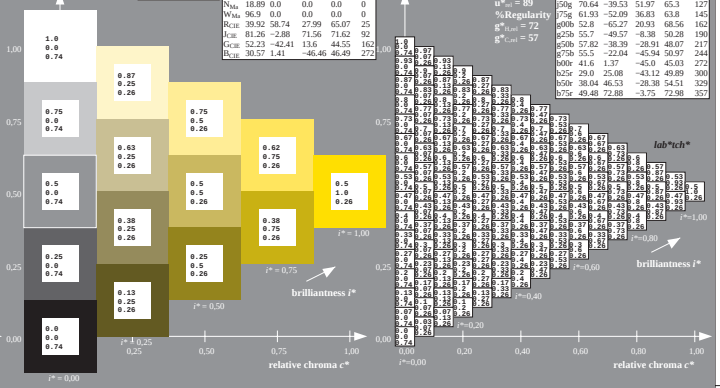
LAB*LAB*$_{Ma}$: 87 −2 83
LAB*LCH*$_{Ma}$: 87 83 92
lab*rgb*$_{Ma}$: 1.0 1.0 0.0
lab*olv*$_{Ma}$: 1.0 0.91 0.0

Data for maximum colour (Ma):

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{R,ref} = 72$
$g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = j25g
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

u* = j25g
lab*tch*

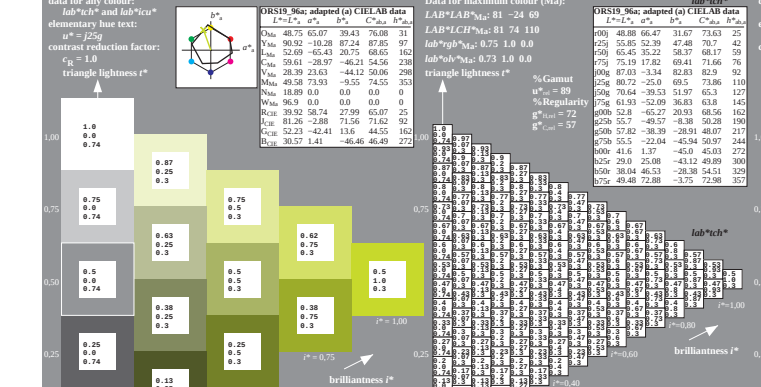
LAB*LAB*$_{Ma}$: 81 −24 69
LAB*LCH*$_{Ma}$: 81 74 110
lab*rgb*$_{Ma}$: 0.75 1.0 0.0
lab*olv*$_{Ma}$: 0.73 1.0 0.0

Data for maximum colour (Ma):

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{R,ref} = 72$
$g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = j50g
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

u* = j50g
lab*tch*

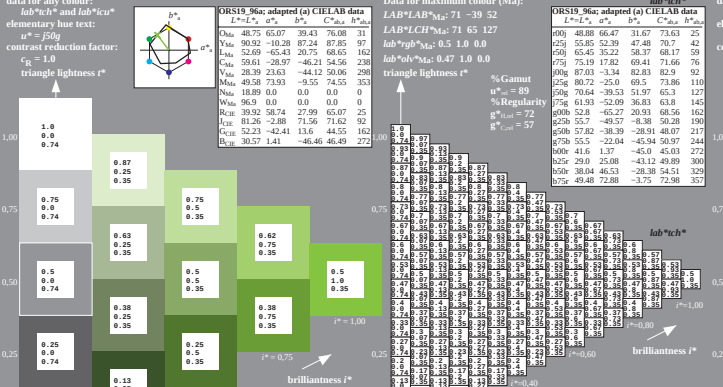
LAB*LAB*$_{Ma}$: 71 −39 52
LAB*LCH*$_{Ma}$: 71 65 127
lab*rgb*$_{Ma}$: 0.5 1.0 0.0
lab*olv*$_{Ma}$: 0.47 1.0 0.0

Data for maximum colour (Ma):

ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{R,ref} = 72$
$g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = j75g
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

u* = j75g
lab*tch*

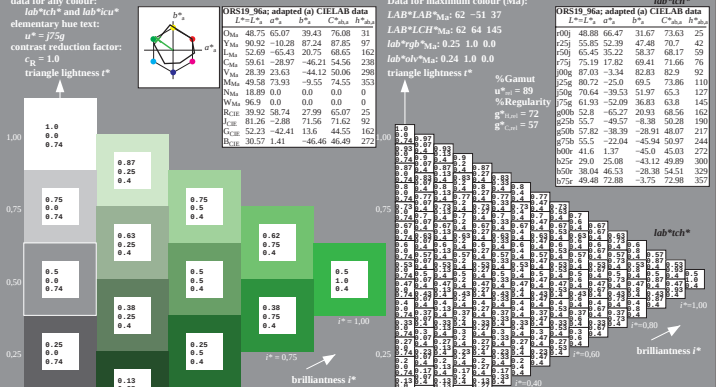
LAB*LAB*$_{Ma}$: 62 −51 37
LAB*LCH*$_{Ma}$: 62 64 145
lab*rgb*$_{Ma}$: 0.25 1.0 0.0
lab*olv*$_{Ma}$: 0.24 1.0 0.0

Data for maximum colour (Ma):

ORS19_96a: adapted (a) CIELAB data

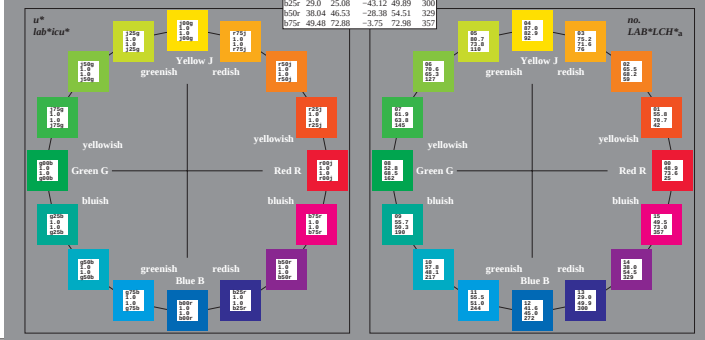
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{R,ref} = 72$
$g^*_{C,ref} = 57$



Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = 16 hues *r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 1.0

ORS19_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
y00g	87.03	−3.34	82.83	82.9	92
y25g	80.72	−25.0	69.5	73.86	110
y50g	70.64	−39.53	51.97	65.3	127
y75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357



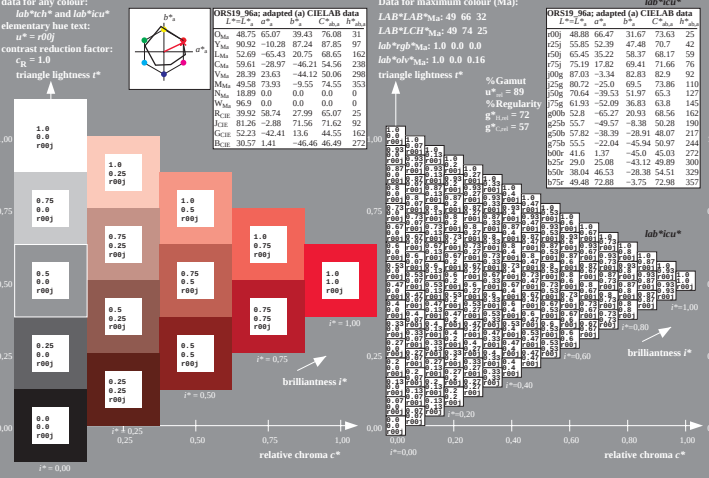
ORS19_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.28	87.24	87.85	97
L_{Ma}	52.69	−65.43	20.75	68.65	162
C_{Ma}	59.61	−28.97	−46.21	54.56	238
V_{Ma}	28.39	23.63	−44.12	50.06	298
M_{Ma}	49.58	73.93	−9.55	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut u^*_{int} = 89
%Regularity $g^*_{R,int}$ = 72
$g^*_{C,int}$ = 57

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *r00j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 66 32
*LAB*LCH**$_{Ma}$: 49 74 25
*lab*rgb**$_{Ma}$: 1.0 0.0 0.0
*lab*olv**$_{Ma}$: 1.0 1.0 0.16

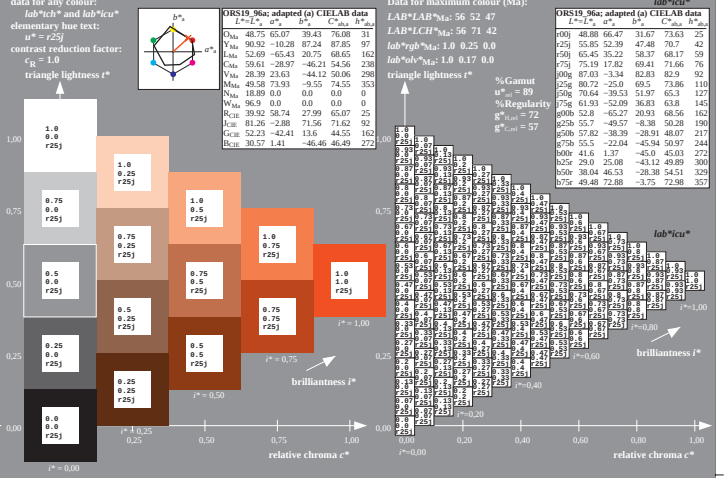
*u** = *r00j*
*lab*icu**



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *r25j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 52 47
*LAB*LCH**$_{Ma}$: 56 71 42
*lab*rgb**$_{Ma}$: 1.0 0.25 0.0
*lab*olv**$_{Ma}$: 1.0 0.17 0.0

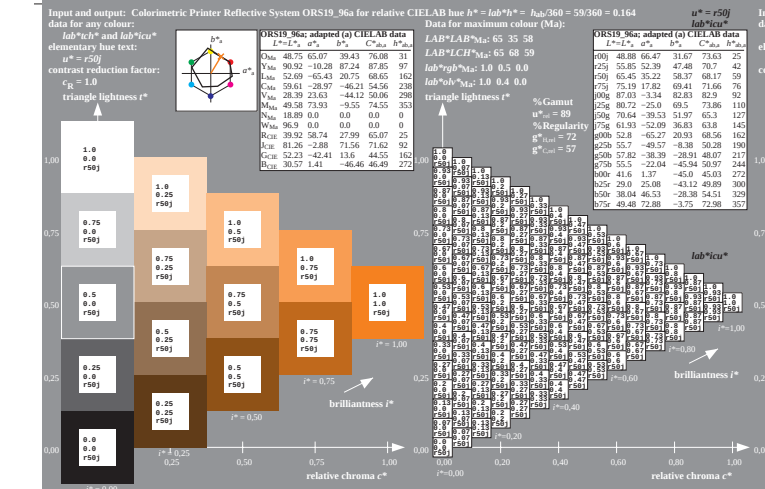
*u** = *r25j*
*lab*icu**



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *r50j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 65 35 58
*LAB*LCH**$_{Ma}$: 65 68 59
*lab*rgb**$_{Ma}$: 1.0 0.5 0.0
*lab*olv**$_{Ma}$: 1.0 0.4 0.0

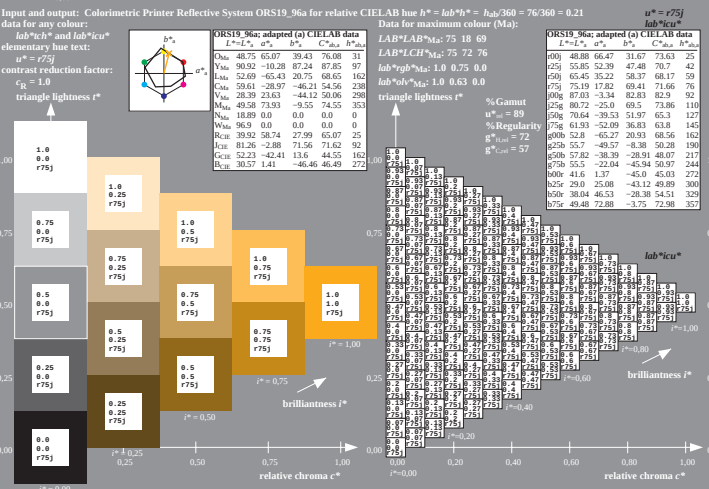
*u** = *r50j*
*lab*icu**



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *r75j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 75 18 69
*LAB*LCH**$_{Ma}$: 75 72 76
*lab*rgb**$_{Ma}$: 1.0 0.75 0.0
*lab*olv**$_{Ma}$: 1.0 0.63 0.0

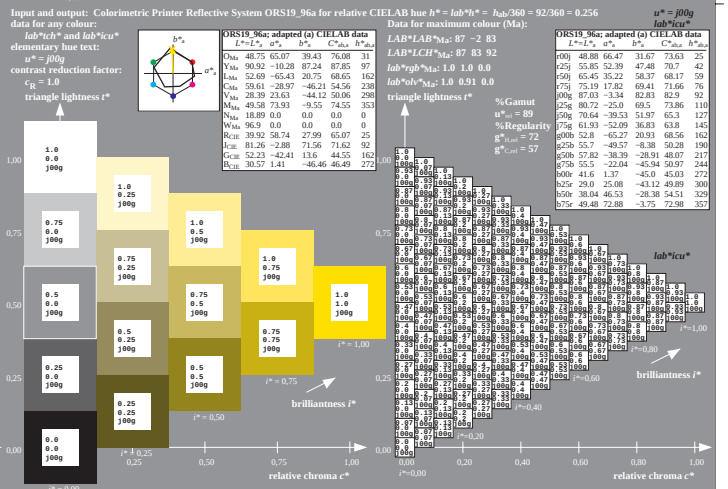
*u** = *r75j*
*lab*icu**



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *j00g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 87 −2 83
*LAB*LCH**$_{Ma}$: 87 83 92
*lab*rgb**$_{Ma}$: 1.0 1.0 0.0
*lab*olv**$_{Ma}$: 1.0 0.91 0.0

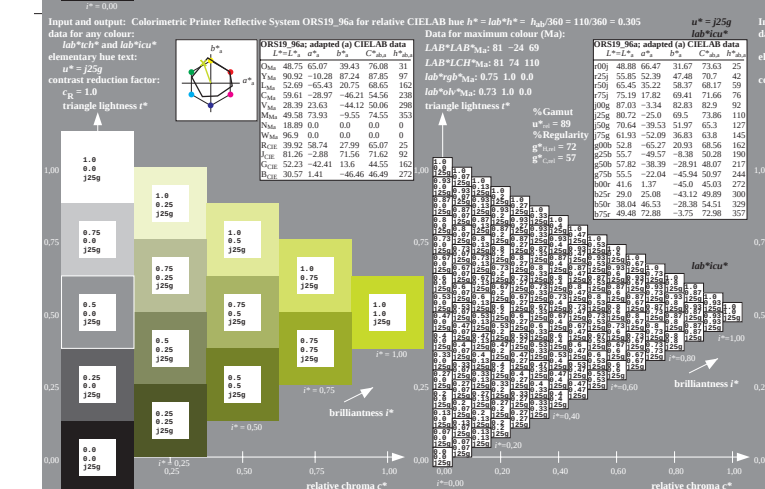
*u** = *j00g*
*lab*icu**



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *j25g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 81 −24 69
*LAB*LCH**$_{Ma}$: 81 74 110
*lab*rgb**$_{Ma}$: 0.75 1.0 0.0
*lab*olv**$_{Ma}$: 0.73 1.0 0.0

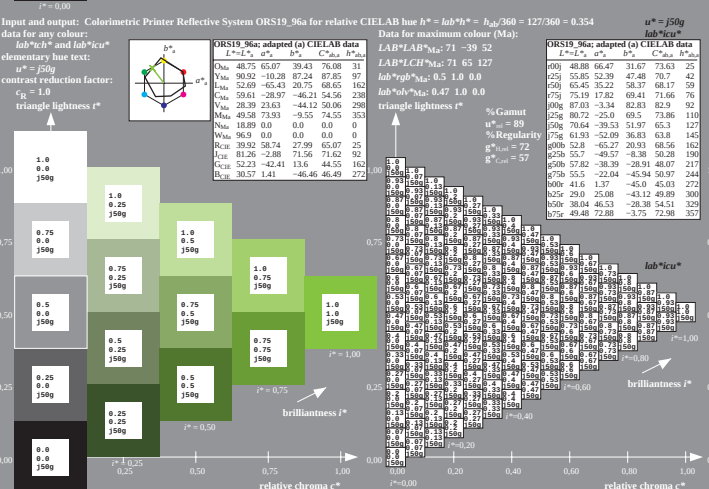
*u** = *j25g*
*lab*icu**



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *j50g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 71 −39 52
*LAB*LCH**$_{Ma}$: 71 65 127
*lab*rgb**$_{Ma}$: 0.5 1.0 0.0
*lab*olv**$_{Ma}$: 0.47 1.0 0.0

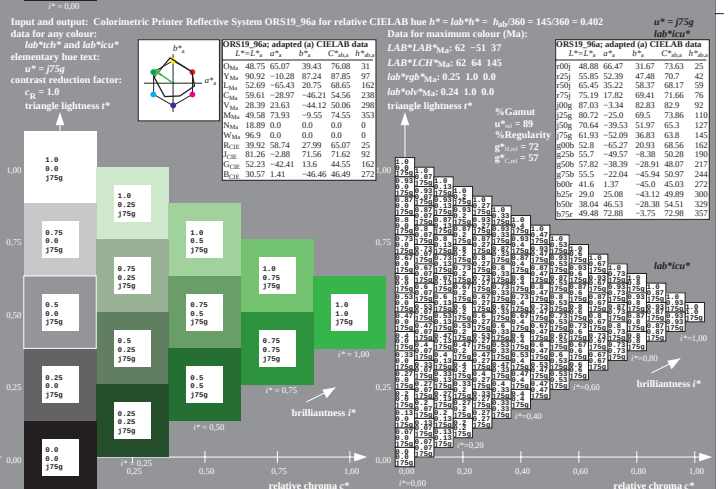
*u** = *j50g*
*lab*icu**



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *j75g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

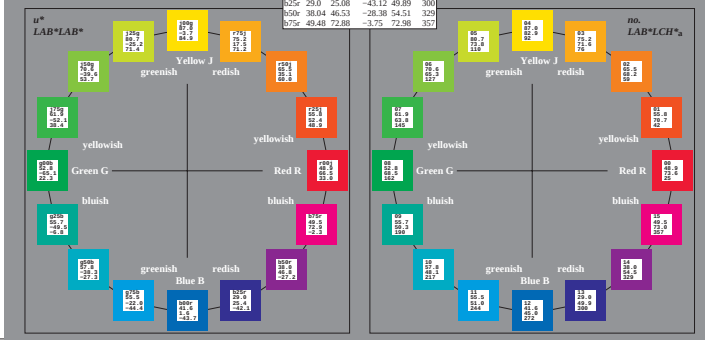
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 −51 37
*LAB*LCH**$_{Ma}$: 62 64 145
*lab*rgb**$_{Ma}$: 0.25 1.0 0.0
*lab*olv**$_{Ma}$: 0.24 1.0 0.0

*u** = *j75g*
*lab*icu**



Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = 16 hues r00j, r25j, ..., b75r*
contrast reduction factor: $c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

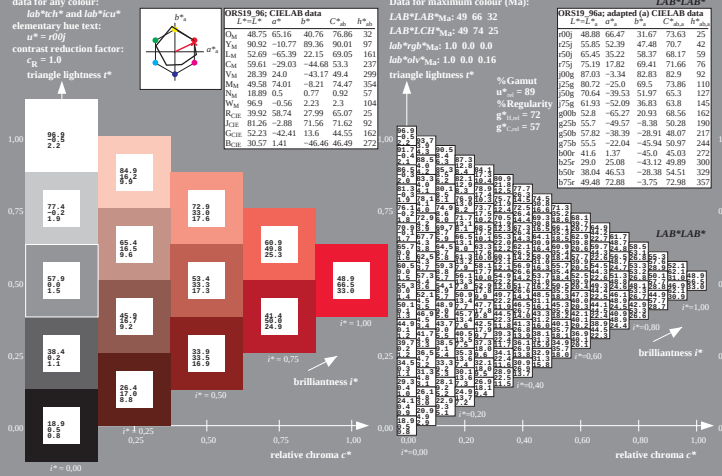


ORS19_96; CIELAB data	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{M}	48.75	65.16	40.76	76.86	32
Y_{M}	90.92	−10.77	89.36	90.01	97
L_{M}	52.69	−65.39	22.15	69.05	161
C_{M}	59.61	−29.03	−44.68	53.3	237
V_{M}	28.39	24.0	−43.17	49.4	299
M_{M}	49.58	74.01	−8.21	74.47	354
N_{M}	18.89	0.5	0.77	0.92	57
W_{M}	96.9	−0.56	2.23	2.3	104
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ — *u* = r00j LAB*LAB**
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = r00j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 66 32
*LAB*LCH**$_{Ma}$: 49 74 25
*lab*rgb**$_{Ma}$: 1.0 0.0 0.0
*lab*olv**$_{Ma}$: 1.0 0.0 0.16

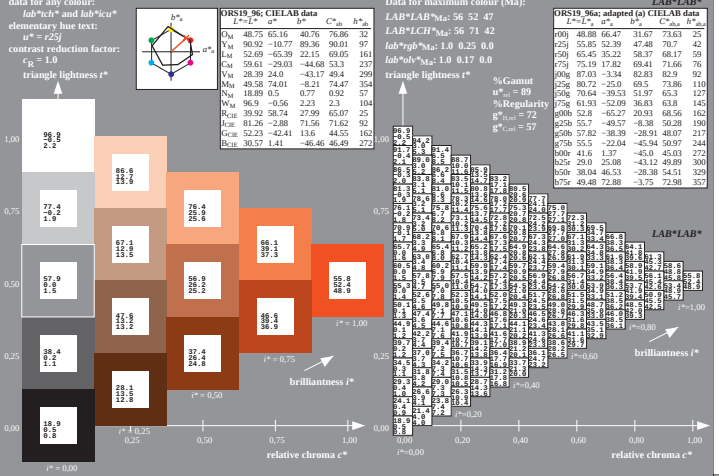
%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{H,ref} = 72$, $g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ — *u* = r25j LAB*LAB**
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = r25j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 52 47
*LAB*LCH**$_{Ma}$: 56 71 42
*lab*rgb**$_{Ma}$: 1.0 0.25 0.0
*lab*olv**$_{Ma}$: 1.0 0.17 0.0

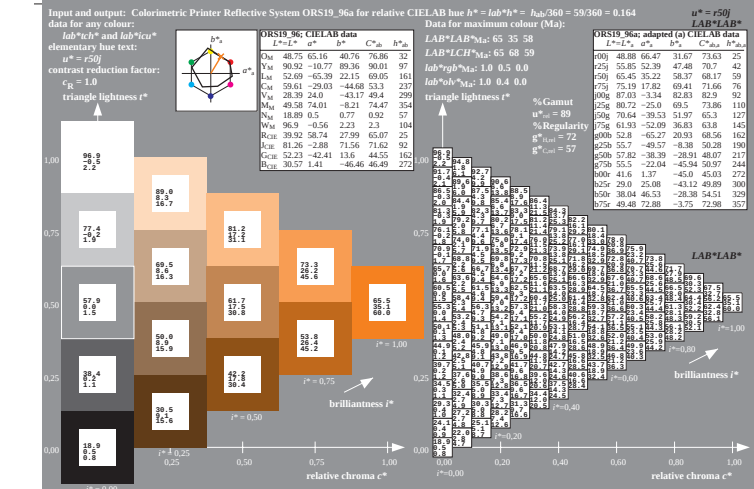
%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{H,ref} = 72$, $g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ — *u* = r50j LAB*LAB**
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = r50j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 65 35 58
*LAB*LCH**$_{Ma}$: 65 68 59
*lab*rgb**$_{Ma}$: 1.0 0.5 0.0
*lab*olv**$_{Ma}$: 1.0 0.4 0.0

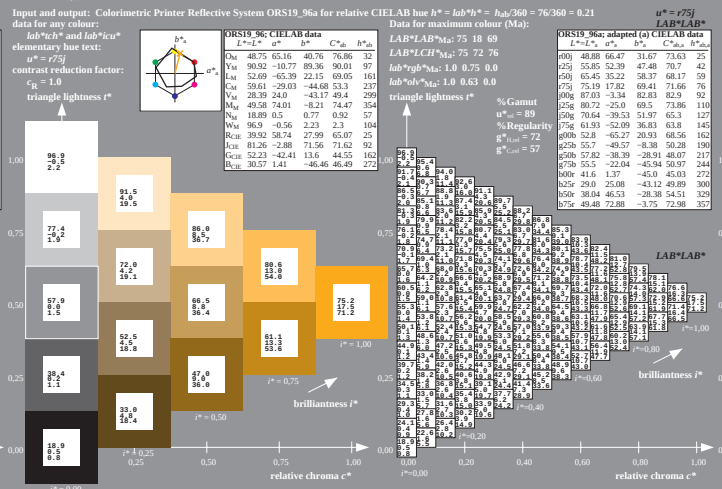
%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{H,ref} = 72$, $g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ — *u* = r75j LAB*LAB**
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = r75j*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 75 18 69
*LAB*LCH**$_{Ma}$: 75 72 76
*lab*rgb**$_{Ma}$: 1.0 0.75 0.0
*lab*olv**$_{Ma}$: 1.0 0.63 0.0

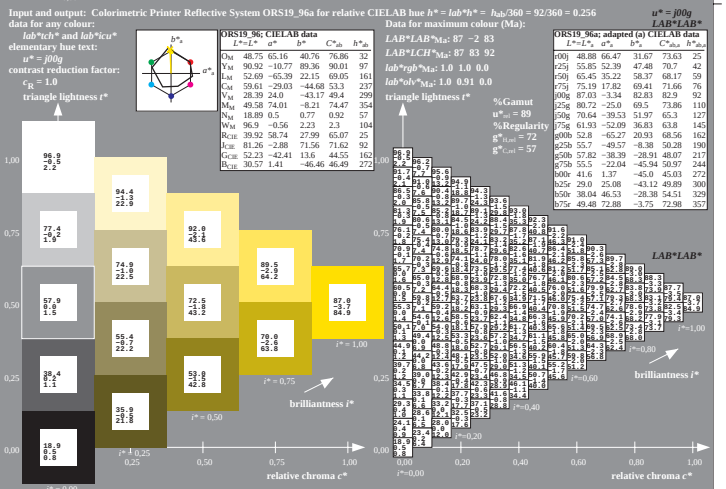
%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{H,ref} = 72$, $g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ — *u* = j00g LAB*LAB**
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = j00g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 87 −2 83
*LAB*LCH**$_{Ma}$: 87 83 92
*lab*rgb**$_{Ma}$: 1.0 1.0 0.0
*lab*olv**$_{Ma}$: 1.0 0.91 0.0

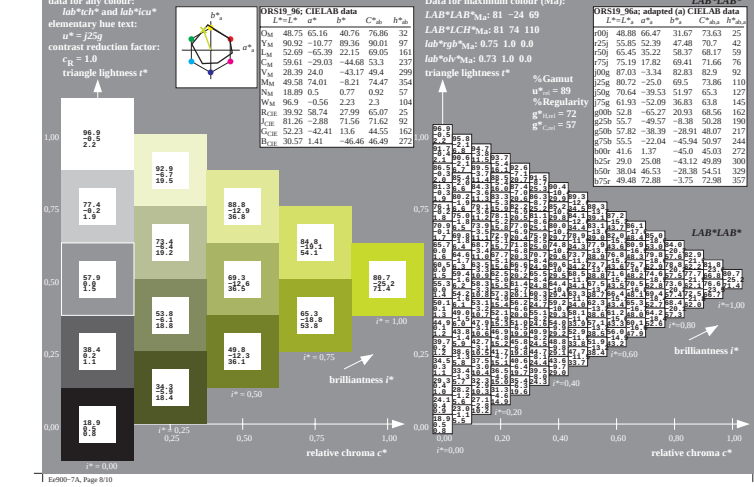
%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{H,ref} = 72$, $g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ — *u* = j25g LAB*LAB**
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = j25g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 81 −24 69
*LAB*LCH**$_{Ma}$: 81 74 110
*lab*rgb**$_{Ma}$: 0.75 1.0 0.0
*lab*olv**$_{Ma}$: 0.73 1.0 0.0

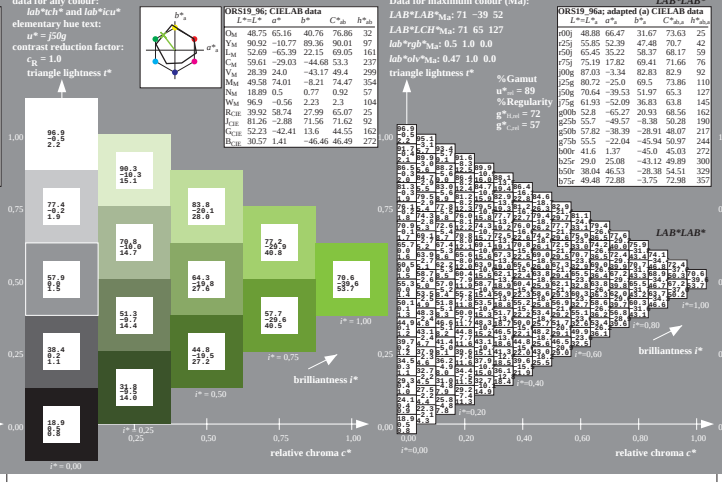
%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{H,ref} = 72$, $g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ — *u* = j50g LAB*LAB**
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = j50g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 71 −39 52
*LAB*LCH**$_{Ma}$: 71 65 127
*lab*rgb**$_{Ma}$: 0.5 1.0 0.0
*lab*olv**$_{Ma}$: 0.47 1.0 0.0

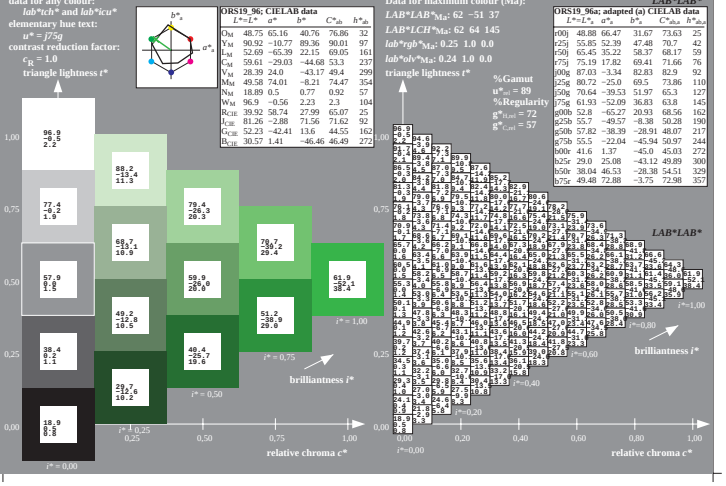
%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{H,ref} = 72$, $g^*_{C,ref} = 57$



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ — *u* = j75g LAB*LAB**
data for any colour: *lab*tch* and lab*icu**
elementary hue text: *u* = j75g*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

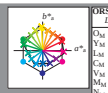
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 −51 37
*LAB*LCH**$_{Ma}$: 62 64 145
*lab*rgb**$_{Ma}$: 0.25 1.0 0.0
*lab*olv**$_{Ma}$: 0.24 1.0 0.0

%Gamut $u^*_{ref} = 89$
%Regularity $g^*_{H,ref} = 72$, $g^*_{C,ref} = 57$



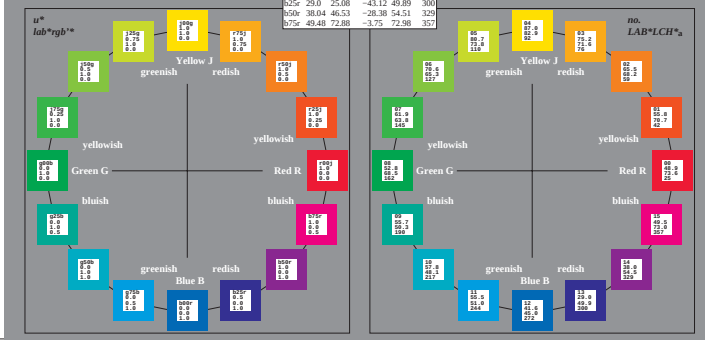
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
$c_R = 1.0$

ORS19_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
y00g	87.03	−3.34	82.83	82.9	92
y25g	80.72	−25.0	69.5	73.86	110
y50g	70.64	−39.53	51.97	65.3	127
y75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357



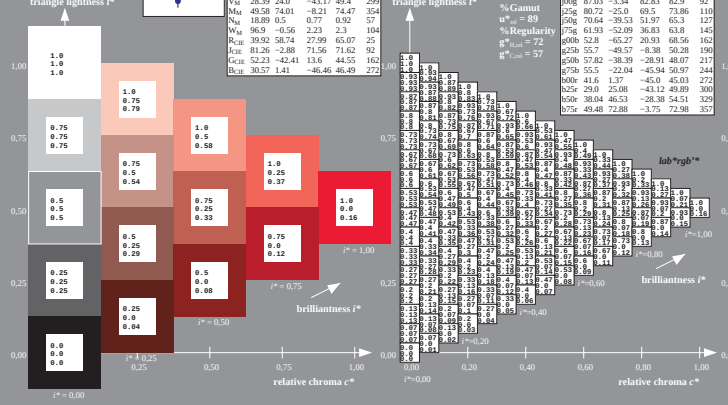
ORS19_96a; CIELAB data	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{M}	48.75	65.16	40.76	76.86	32
Y_{M}	90.92	−10.77	89.36	90.01	97
L_{M}	52.69	−65.39	22.15	69.05	161
C_{M}	59.61	−29.03	−44.68	53.3	237
V_{M}	28.39	24.0	−43.17	49.4	299
M_{M}	49.58	74.01	−8.21	74.47	354
N_{M}	18.89	0.5	0.77	0.92	57
W_{M}	96.9	−0.56	2.23	2.3	104
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut $u^*_{gat} = 89$
%Regularity $g^*_{R,rel} = 72$
$g^*_{C,rel} = 57$



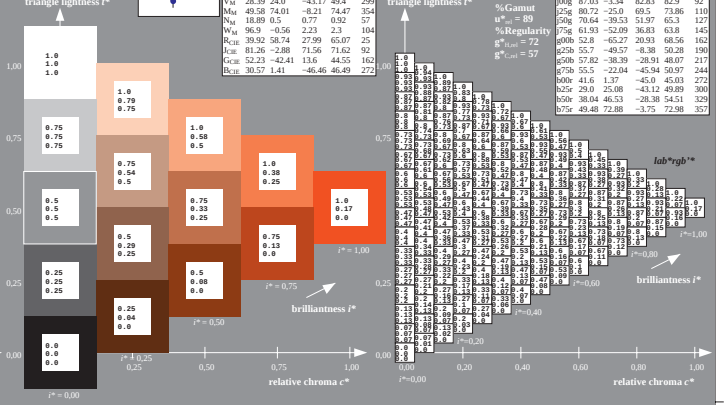
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ — ***u* = r00j***, ***lab*rgb'****

Data for any colour: ***lab*tch* and lab*icu****
elementary hue text: ***u* = r00j***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 49 66 32**
***LAB*LCH*$_{Ma}$*: 49 74 25**
***lab*rgb*$_{Ma}$*: 1.0 0.0 0.0**
***lab*olv*$_{Ma}$*: 1.0 0.0 0.16**



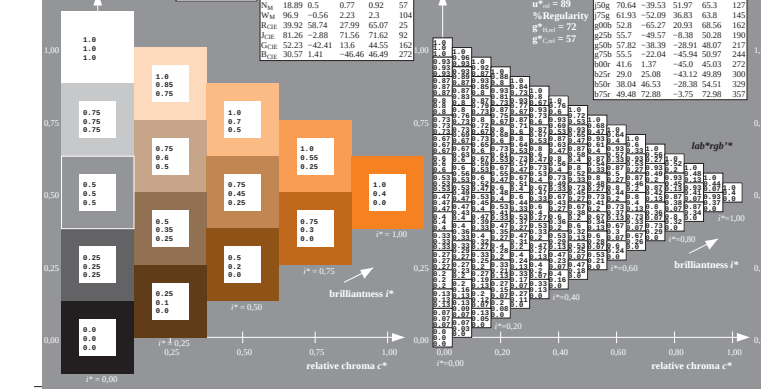
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ — ***u* = r25j***, ***lab*rgb'****

Data for any colour: ***lab*tch* and lab*icu****
elementary hue text: ***u* = r25j***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 56 52 47**
***LAB*LCH*$_{Ma}$*: 56 71 42**
***lab*rgb*$_{Ma}$*: 1.0 0.25 0.0**
***lab*olv*$_{Ma}$*: 1.0 0.17 0.0**



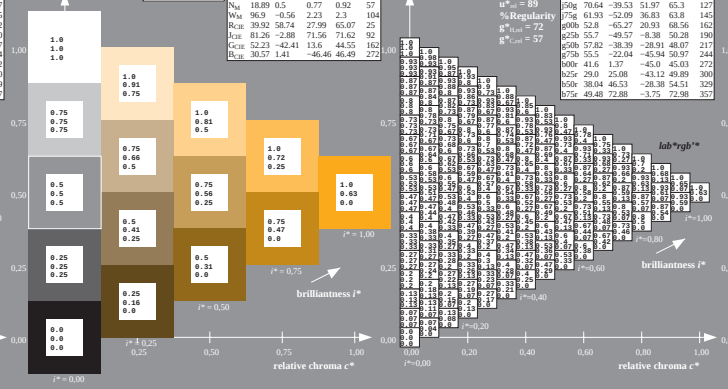
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ — ***u* = r50j***, ***lab*rgb'****

Data for any colour: ***lab*tch* and lab*icu****
elementary hue text: ***u* = r50j***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 65 35 58**
***LAB*LCH*$_{Ma}$*: 65 68 59**
***lab*rgb*$_{Ma}$*: 1.0 0.5 0.0**
***lab*olv*$_{Ma}$*: 1.0 0.4 0.0**



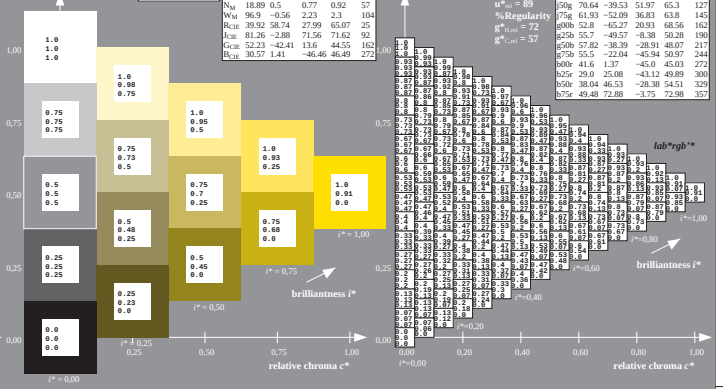
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ — ***u* = r75j***, ***lab*rgb'****

Data for any colour: ***lab*tch* and lab*icu****
elementary hue text: ***u* = r75j***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 75 18 69**
***LAB*LCH*$_{Ma}$*: 75 72 76**
***lab*rgb*$_{Ma}$*: 1.0 0.75 0.0**
***lab*olv*$_{Ma}$*: 1.0 0.63 0.0**



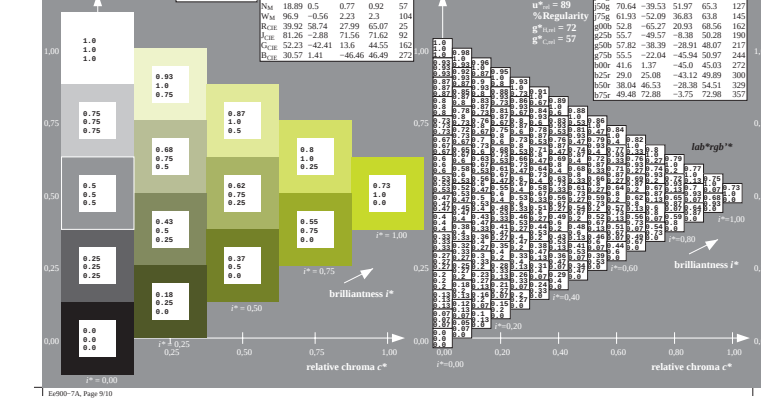
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ — ***u* = j00g***, ***lab*rgb'****

Data for any colour: ***lab*tch* and lab*icu****
elementary hue text: ***u* = j00g***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 87 −2 83**
***LAB*LCH*$_{Ma}$*: 87 83 92**
***lab*rgb*$_{Ma}$*: 1.0 1.0 0.0**
***lab*olv*$_{Ma}$*: 1.0 0.91 0.0**



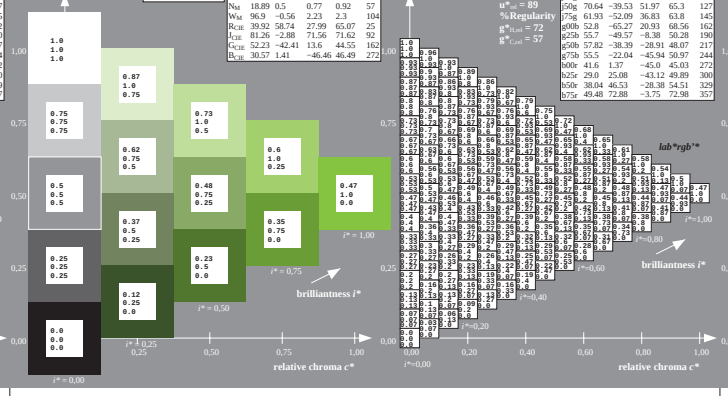
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ — ***u* = j25g***, ***lab*rgb'****

Data for any colour: ***lab*tch* and lab*icu****
elementary hue text: ***u* = j25g***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 81 −24 69**
***LAB*LCH*$_{Ma}$*: 81 74 110**
***lab*rgb*$_{Ma}$*: 0.75 1.0 0.0**
***lab*olv*$_{Ma}$*: 0.73 1.0 0.0**



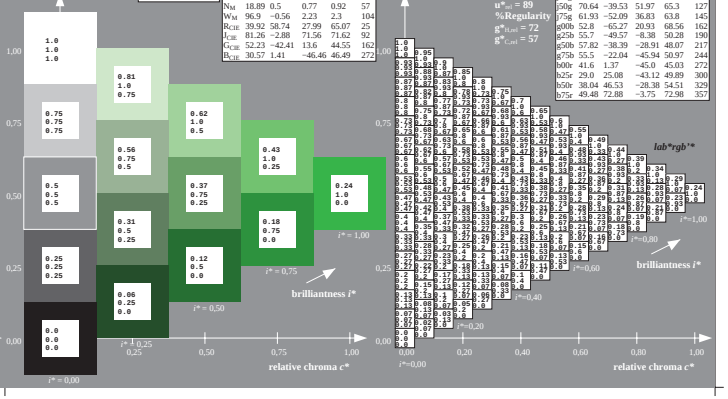
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ — ***u* = j50g***, ***lab*rgb'****

Data for any colour: ***lab*tch* and lab*icu****
elementary hue text: ***u* = j50g***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 71 −39 52**
***LAB*LCH*$_{Ma}$*: 71 65 127**
***lab*rgb*$_{Ma}$*: 0.5 1.0 0.0**
***lab*olv*$_{Ma}$*: 0.47 1.0 0.0**



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ — ***u* = j75g***, ***lab*rgb'****

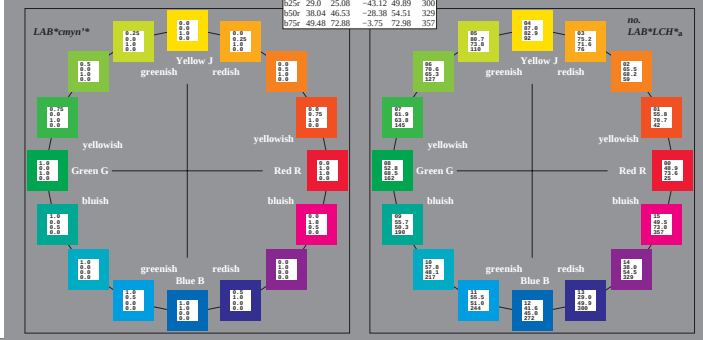
Data for any colour: ***lab*tch* and lab*icu****
elementary hue text: ***u* = j75g***
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 62 −51 37**
***LAB*LCH*$_{Ma}$*: 62 64 145**
***lab*rgb*$_{Ma}$*: 0.25 1.0 0.0**
***lab*olv*$_{Ma}$*: 0.24 1.0 0.0**



Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
c_R **= 1.0**

ORS19_96a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	−3.34	82.83	82.9	92
j25g	80.72	−25.0	69.5	73.86	110
j50g	70.64	−39.53	51.97	65.3	127
j75g	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357



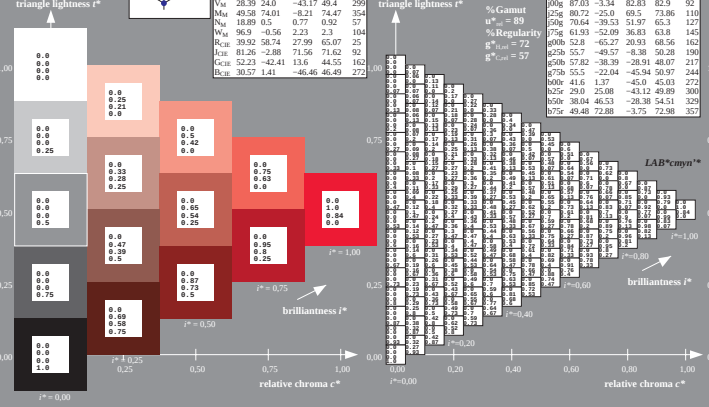
ORS19_96a; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.77	89.36	90.01	97
L_M	52.69	−65.39	22.15	69.05	161
C_M	59.61	−29.03	−44.68	53.3	237
V_M	28.39	24.0	−43.17	49.4	299
M_M	49.58	74.01	−8.21	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.56	2.23	2.3	104
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut u^*_{gat} = 89
%Regularity $g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

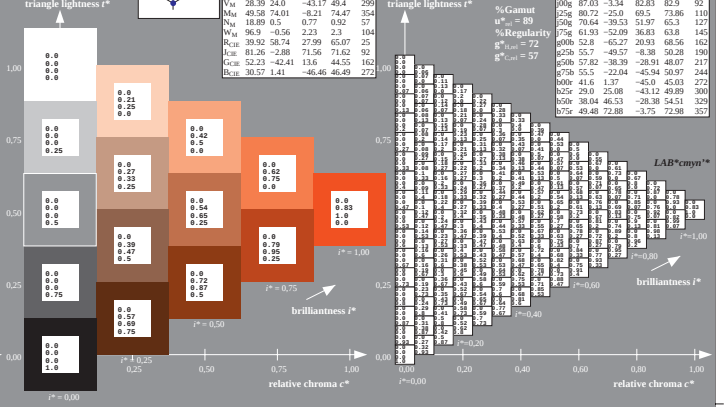
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ ***u* = r00j***
data for any colour: ***LAB*cmyn'****
lab*tch* and lab*icu*
elementary hue text:
u* = r00j
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 49 66 32**
***LAB*LCH*Ma*: 49 74 25**
***lab*rgb*Ma*: 1.0 0.0 0.0**
***lab*olv*Ma*: 1.0 0.0 0.16**
triangle lightness t^*



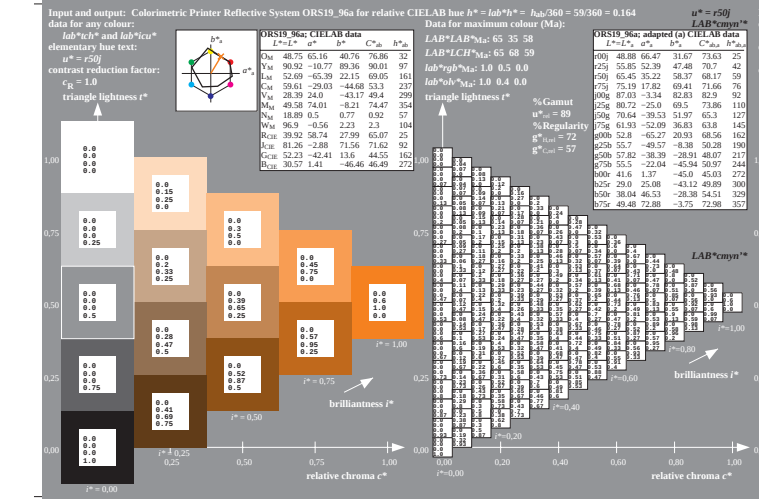
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ ***u* = r25j***
data for any colour: ***LAB*cmyn'****
lab*tch* and lab*icu*
elementary hue text:
u* = r25j
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 56 52 47**
***LAB*LCH*Ma*: 56 71 42**
***lab*rgb*Ma*: 1.0 0.25 0.0**
***lab*olv*Ma*: 1.0 0.17 0.0**
triangle lightness t^*



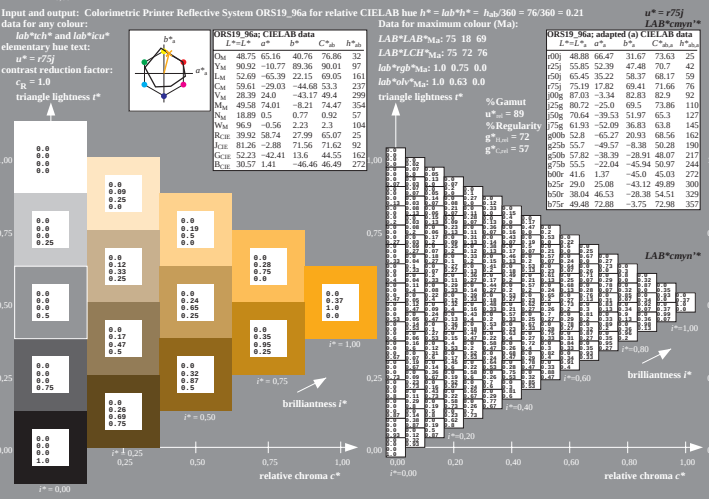
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ ***u* = r50j***
data for any colour: ***LAB*cmyn'****
lab*tch* and lab*icu*
elementary hue text:
u* = r50j
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 65 35 58**
***LAB*LCH*Ma*: 65 68 59**
***lab*rgb*Ma*: 1.0 0.5 0.0**
***lab*olv*Ma*: 1.0 0.4 0.0**
triangle lightness t^*



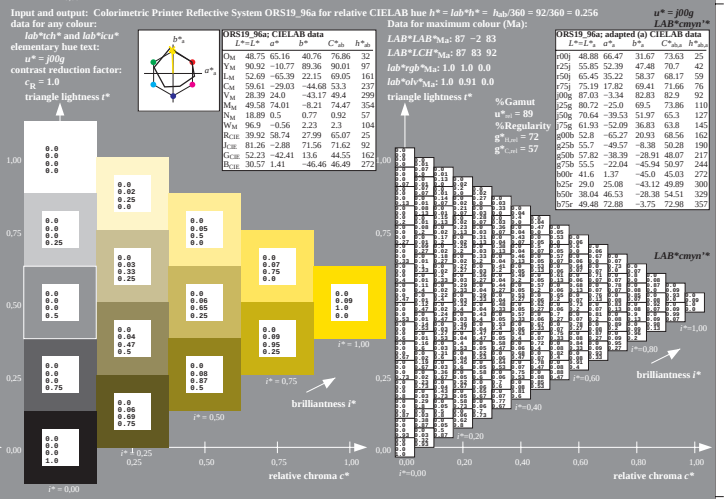
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ ***u* = r75j***
data for any colour: ***LAB*cmyn'****
lab*tch* and lab*icu*
elementary hue text:
u* = r75j
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 75 18 69**
***LAB*LCH*Ma*: 75 72 76**
***lab*rgb*Ma*: 1.0 0.75 0.0**
***lab*olv*Ma*: 1.0 0.63 0.0**
triangle lightness t^*



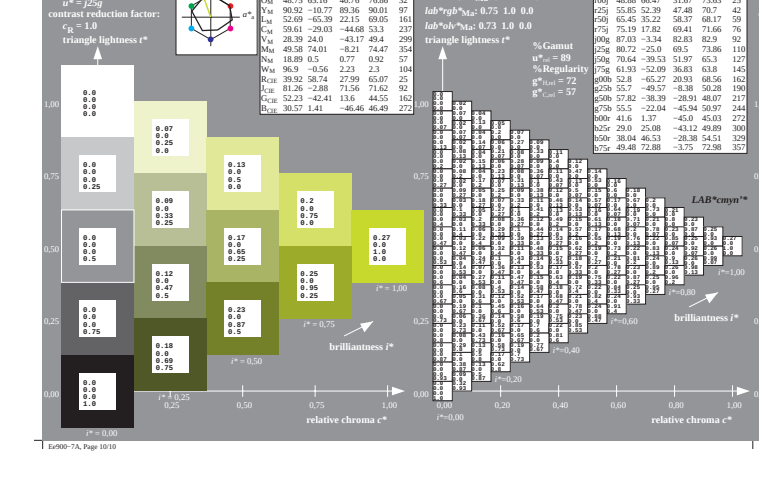
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ ***u* = j00g***
data for any colour: ***LAB*cmyn'****
lab*tch* and lab*icu*
elementary hue text:
u* = j00g
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 87 −2 83**
***LAB*LCH*Ma*: 87 83 92**
***lab*rgb*Ma*: 1.0 1.0 0.0**
***lab*olv*Ma*: 1.0 0.91 0.0**
triangle lightness t^*



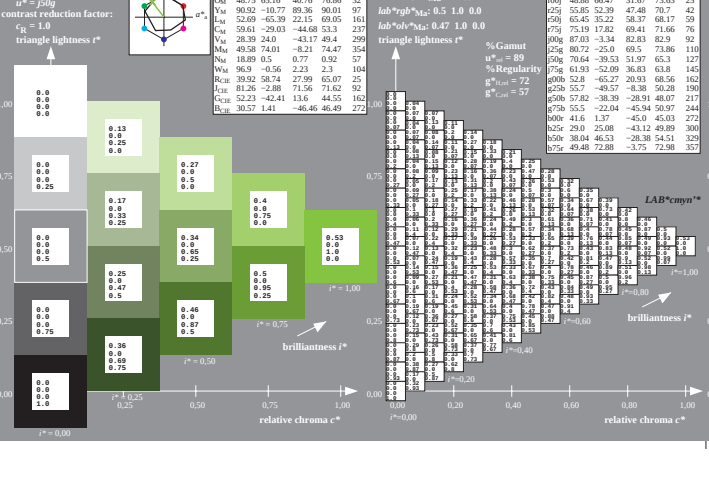
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ ***u* = j25g***
data for any colour: ***LAB*cmyn'****
lab*tch* and lab*icu*
elementary hue text:
u* = j25g
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

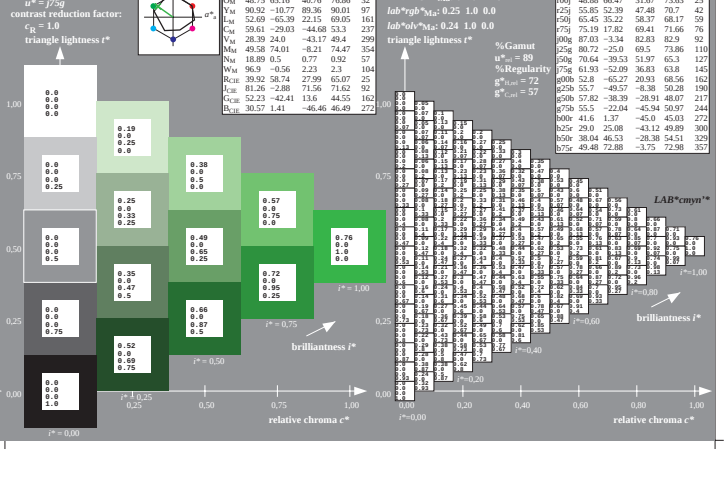
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 81 −24 69**
***LAB*LCH*Ma*: 81 74 110**
***lab*rgb*Ma*: 0.75 1.0 0.0**
***lab*olv*Ma*: 0.73 1.0 0.0**
triangle lightness t^*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ ***u* = j50g***
data for any colour: ***LAB*cmyn'****
lab*tch* and lab*icu*
elementary hue text:
u* = j50g
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 71 −39 52**
***LAB*LCH*Ma*: 71 65 127**
***lab*rgb*Ma*: 0.5 1.0 0.0**
***lab*olv*Ma*: 0.47 1.0 0.0**
triangle lightness t^*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ ***u* = j75g***
data for any colour: ***LAB*cmyn'****
lab*tch* and lab*icu*
elementary hue text:
u* = j75g
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 62 −51 37**
***LAB*LCH*Ma*: 62 64 145**
***lab*rgb*Ma*: 0.25 1.0 0.0**
***lab*olv*Ma*: 0.24 1.0 0.0**
triangle lightness t^*