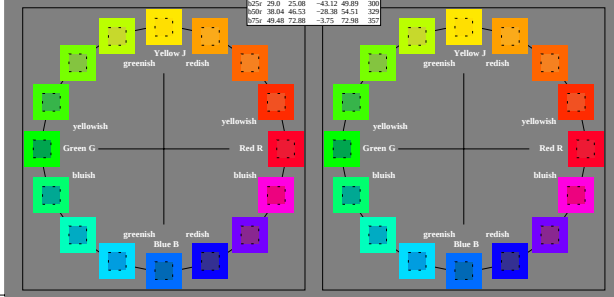
Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = 16$ hues *r00j, r25j, ..., b75r*
contrast reduction factor:
$c_R = 1.0$

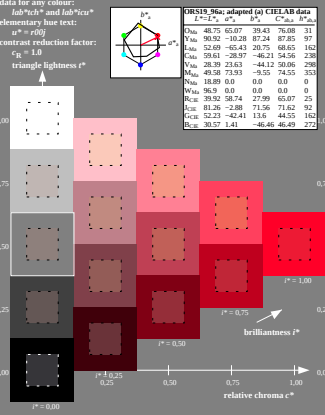


ORS19_96a: adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O00	48.88	66.47	31.67	73.63	25
O25	55.85	52.39	47.48	70.7	42
O50	65.45	35.22	58.37	68.17	59
O75	75.19	17.82	69.41	71.66	76
O00	87.03	−3.34	82.83	82.9	92
O25	80.72	−25.0	69.5	73.86	110
O50	70.64	−39.53	51.97	65.3	127
O75	61.93	−52.09	36.83	63.8	145
G00	52.8	−65.27	20.93	68.56	162
G25	55.7	−49.57	−8.38	50.28	190
G50	57.82	−38.39	−28.91	48.07	217
G75	55.5	−22.04	−45.94	50.97	244
B00	41.6	1.37	−45.0	45.03	272
B25	29.0	25.08	−43.12	49.89	300
B50	38.04	46.53	−28.38	54.51	329
B75	49.48	72.88	−3.75	72.98	357

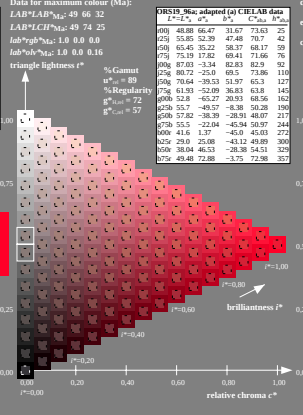
	L^*	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Mu}	48.75	65.07	39.43	76.08	31
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	0.0	0.0	0.0	0
R_{CIE}	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 $u^*_{act} = 89$
%Regularity
$g^*_{Y,act} = 72$
$g^*_{C,act} = 57$

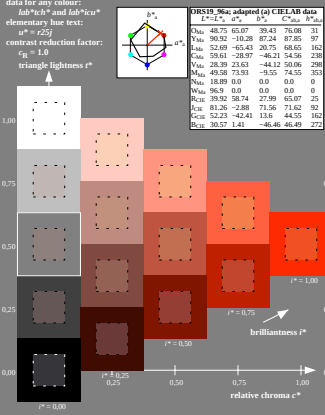
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r00j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



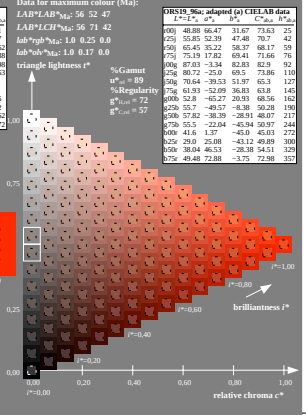
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 49 66 32
$LAB^*LCH^*_{Ma}$: 49 74 25
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
$lab^*ob^*_{Ma}$: 1.0 0.0 0.16



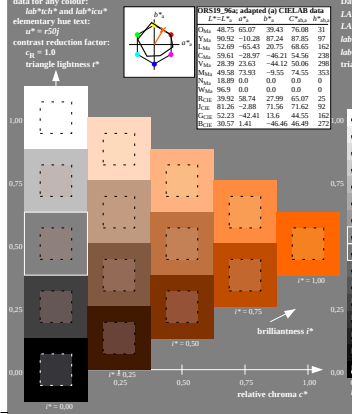
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



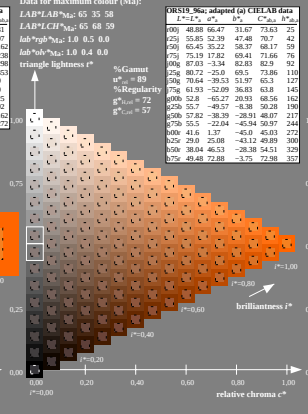
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 56 52 47
$LAB^*LCH^*_{Ma}$: 56 71 42
$lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
$lab^*ob^*_{Ma}$: 1.0 0.17 0.0



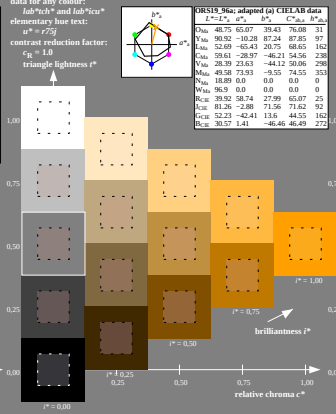
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



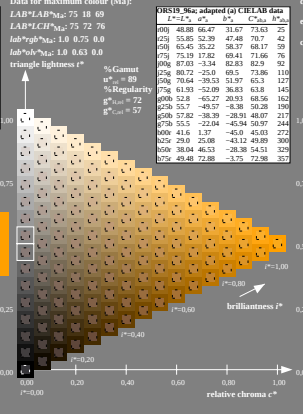
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 65 35 58
$LAB^*LCH^*_{Ma}$: 65 68 59
$lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
$lab^*ob^*_{Ma}$: 1.0 0.4 0.0



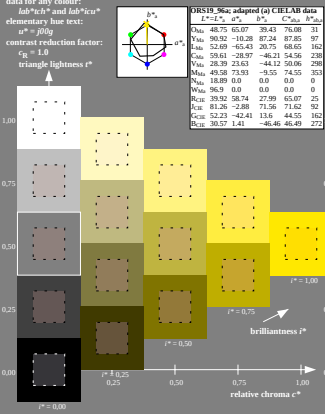
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



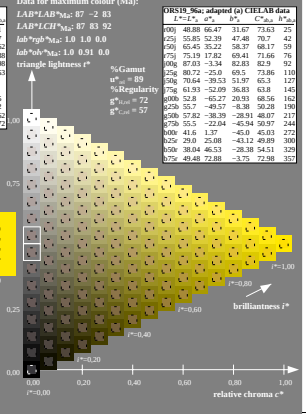
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 75 18 69
$LAB^*LCH^*_{Ma}$: 75 72 76
$lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
$lab^*ob^*_{Ma}$: 1.0 0.63 0.0



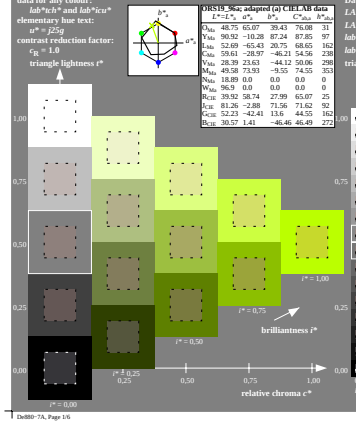
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j00g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



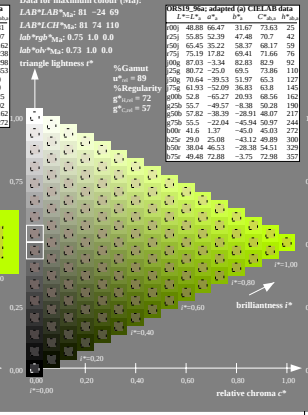
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 87 −2 83
$LAB^*LCH^*_{Ma}$: 87 83 92
$lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
$lab^*ob^*_{Ma}$: 1.0 0.91 0.0



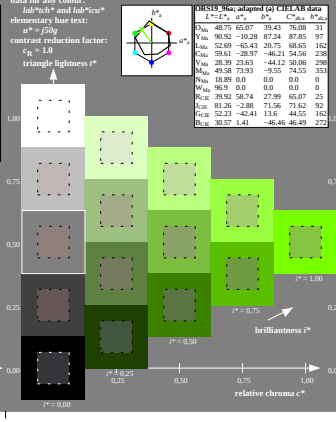
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



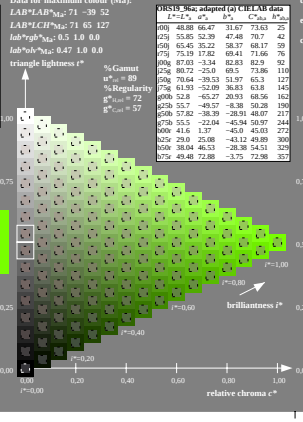
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 81 −24 69
$LAB^*LCH^*_{Ma}$: 81 74 110
$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
$lab^*ob^*_{Ma}$: 0.73 1.0 0.0



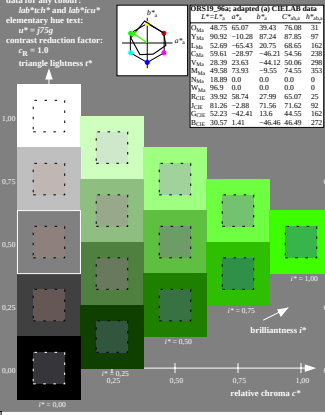
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



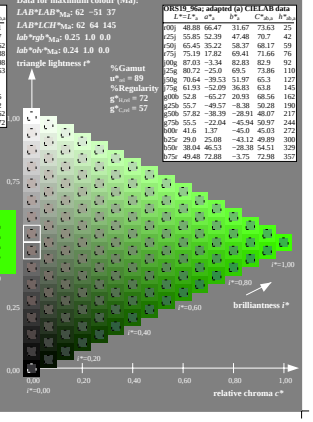
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 71 −39 52
$LAB^*LCH^*_{Ma}$: 71 65 127
$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
$lab^*ob^*_{Ma}$: 0.47 1.0 0.0



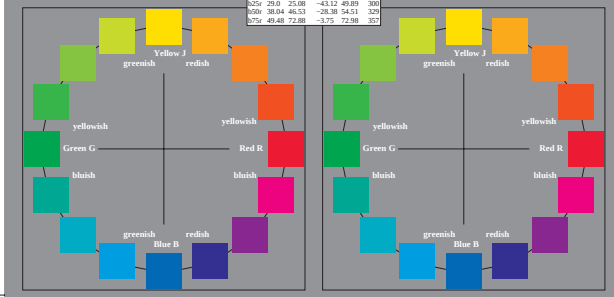
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



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
$lab^*ob^*_{Ma}$: 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:
$c_R = 1.0$

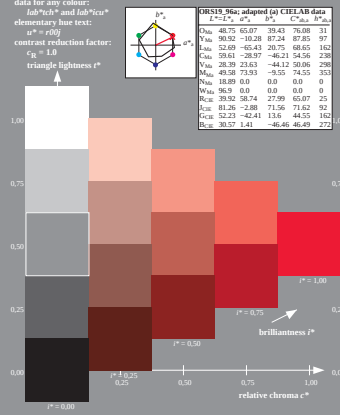


ORS19_96a: adapted (a) CIELAB data

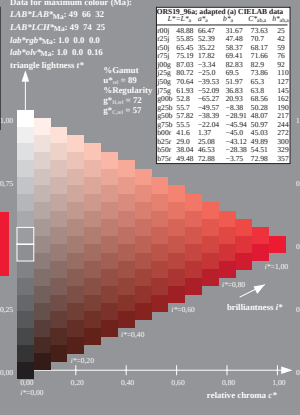
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mu}	48.88	66.47	31.67	73.63	25
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
I_{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
r00	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
r00p	87.03	−3.34	82.83	82.9	92
r25p	80.72	−25.0	69.5	73.86	110
r50p	70.64	−39.53	51.97	65.3	127
r75p	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	$u^*_{out} = 89$
%Regularity	$g^*_{H,out} = 72$
	$g^*_{C,out} = 57$

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^*



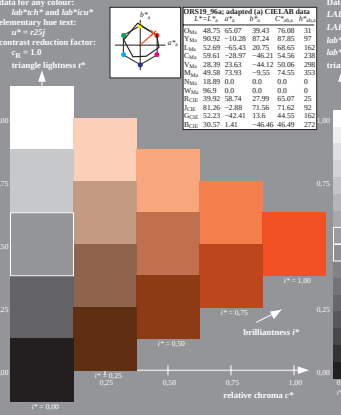
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 66 32
*LAB*LCH**$_{Ma}$: 49 74 25
*lab*rgb**$_{Ma}$: 1.0 0.0 0.0
*lab*ob**$_{Ma}$: 1.0 0.0 0.16
triangle lightness t^*



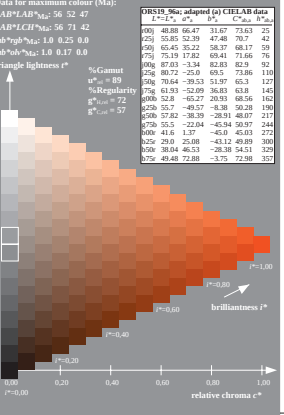
ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mu}	48.75	65.07	39.43	76.08	31
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
I_{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
r00	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
r00p	87.03	−3.34	82.83	82.9	92
r25p	80.72	−25.0	69.5	73.86	110
r50p	70.64	−39.53	51.97	65.3	127
r75p	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 $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



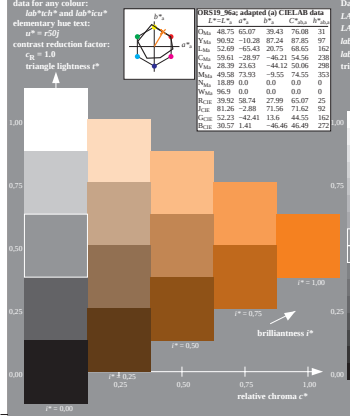
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 52 47
*LAB*LCH**$_{Ma}$: 56 71 42
*lab*rgb**$_{Ma}$: 1.0 0.25 0.0
*lab*ob**$_{Ma}$: 1.0 0.17 0.0
triangle lightness t^*



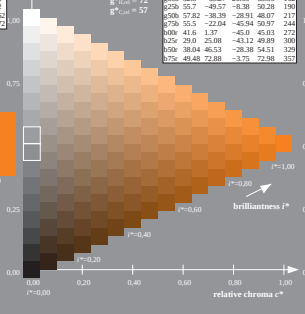
ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mu}	48.75	65.07	39.43	76.08	31
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
I_{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
r00	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
r00p	87.03	−3.34	82.83	82.9	92
r25p	80.72	−25.0	69.5	73.86	110
r50p	70.64	−39.53	51.97	65.3	127
r75p	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 $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



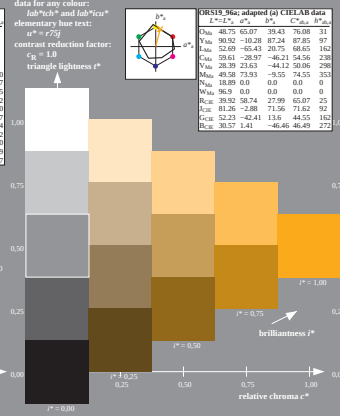
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 65 35 58
*LAB*LCH**$_{Ma}$: 65 68 59
*lab*rgb**$_{Ma}$: 1.0 0.5 0.0
*lab*ob**$_{Ma}$: 1.0 0.4 0.0
triangle lightness t^*



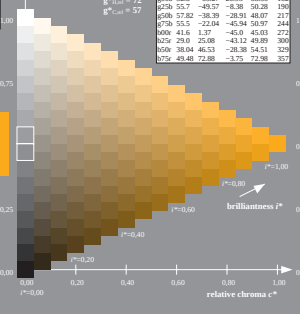
ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mu}	48.75	65.07	39.43	76.08	31
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
I_{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
r00	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
r00p	87.03	−3.34	82.83	82.9	92
r25p	80.72	−25.0	69.5	73.86	110
r50p	70.64	−39.53	51.97	65.3	127
r75p	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 $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



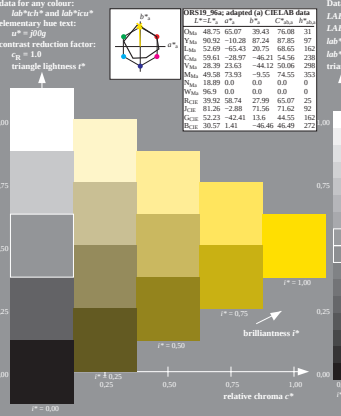
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 75 18 69
*LAB*LCH**$_{Ma}$: 75 72 76
*lab*rgb**$_{Ma}$: 1.0 0.75 0.0
*lab*ob**$_{Ma}$: 1.0 0.63 0.0
triangle lightness t^*



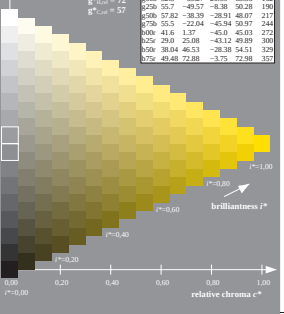
ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mu}	48.75	65.07	39.43	76.08	31
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
I_{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
r00	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
r00p	87.03	−3.34	82.83	82.9	92
r25p	80.72	−25.0	69.5	73.86	110
r50p	70.64	−39.53	51.97	65.3	127
r75p	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 $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j00g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



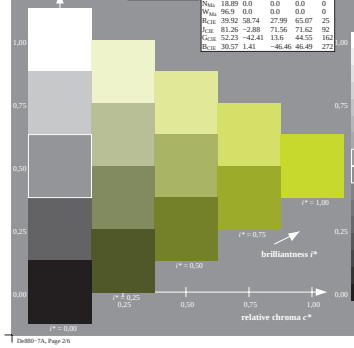
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 87 −2 83
*LAB*LCH**$_{Ma}$: 87 83 92
*lab*rgb**$_{Ma}$: 1.0 1.0 0.0
*lab*ob**$_{Ma}$: 1.0 0.91 0.0
triangle lightness t^*



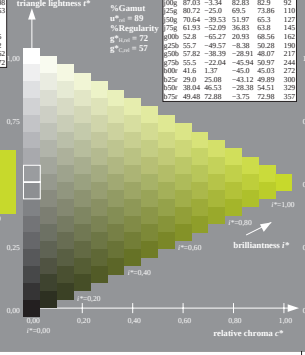
ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mu}	48.75	65.07	39.43	76.08	31
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
I_{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
r00	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
r00p	87.03	−3.34	82.83	82.9	92
r25p	80.72	−25.0	69.5	73.86	110
r50p	70.64	−39.53	51.97	65.3	127
r75p	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 $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



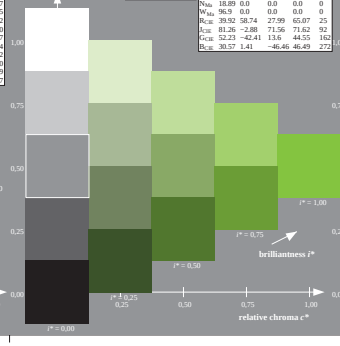
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 81 −24 69
*LAB*LCH**$_{Ma}$: 81 74 110
*lab*rgb**$_{Ma}$: 0.75 1.0 0.0
*lab*ob**$_{Ma}$: 0.73 1.0 0.0
triangle lightness t^*



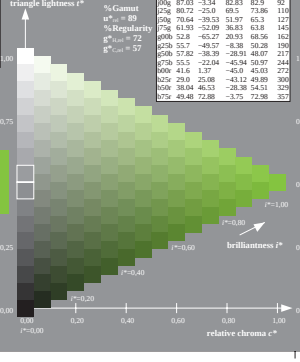
ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mu}	48.75	65.07	39.43	76.08	31
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
I_{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
r00	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
r00p	87.03	−3.34	82.83	82.9	92
r25p	80.72	−25.0	69.5	73.86	110
r50p	70.64	−39.53	51.97	65.3	127
r75p	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 $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



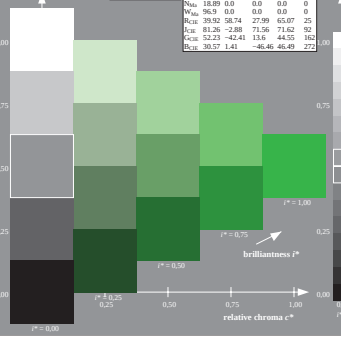
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 71 −39 52
*LAB*LCH**$_{Ma}$: 71 65 127
*lab*rgb**$_{Ma}$: 0.5 1.0 0.0
*lab*ob**$_{Ma}$: 0.47 1.0 0.0
triangle lightness t^*



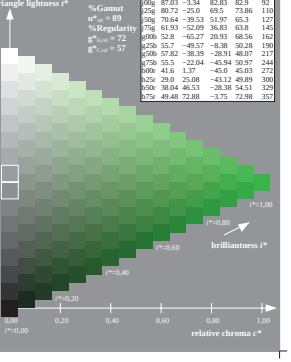
ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mu}	48.75	65.07	39.43	76.08	31
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
I_{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
r00	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
r00p	87.03	−3.34	82.83	82.9	92
r25p	80.72	−25.0	69.5	73.86	110
r50p	70.64	−39.53	51.97	65.3	127
r75p	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 $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

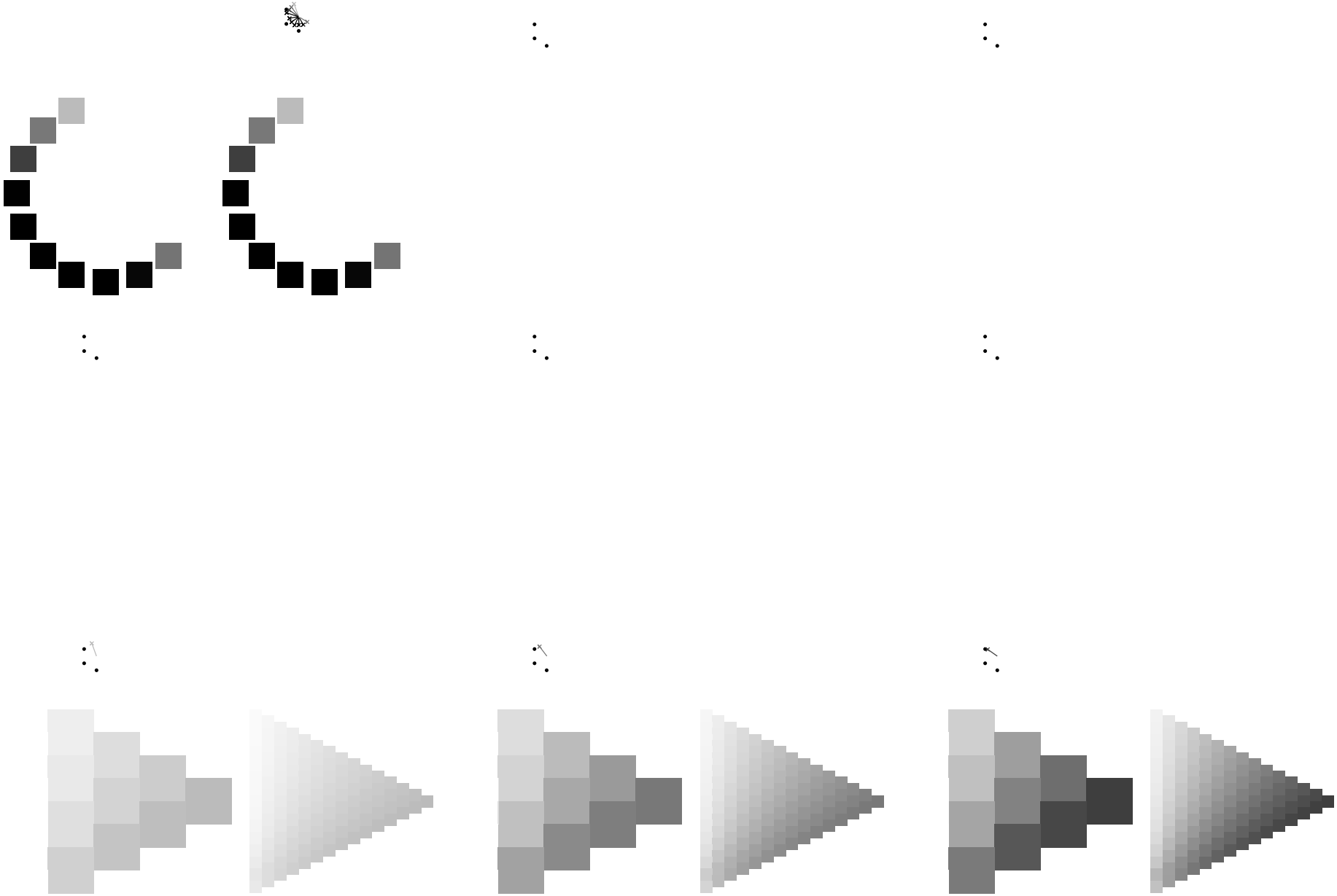


Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 −51 37
*LAB*LCH**$_{Ma}$: 62 64 145
*lab*rgb**$_{Ma}$: 0.25 1.0 0.0
*lab*ob**$_{Ma}$: 0.24 1.0 0.0
triangle lightness t^*



ORS19_96a: adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mu}	48.75	65.07	39.43	76.08	31
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
I_{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
r00	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
r00p	87.03	−3.34	82.83	82.9	92
r25p	80.72	−25.0	69.5	73.86	110
r50p	70.64	−39.53	51.97	65.3	127
r75p	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

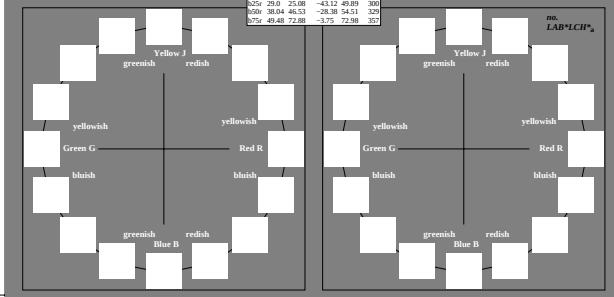


Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = 16$ hues *r00j, r25j, ..., b75r*
contrast reduction factor:
$c_R = 1.0$

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
y00y	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

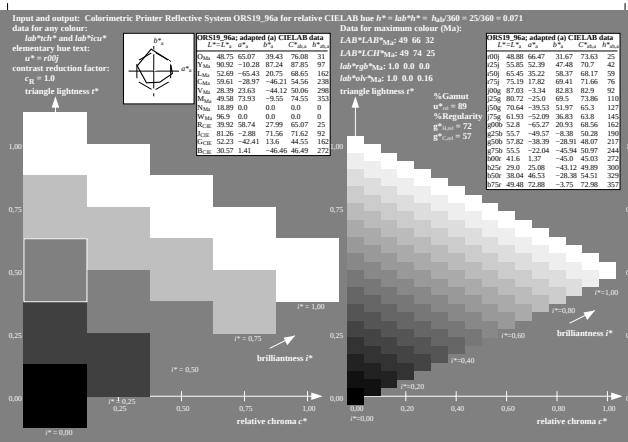
%Gamut
$u^*_{out} = 89$
%Regularity
$g^*_{H,out} = 72$
$g^*_{C,out} = 57$



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

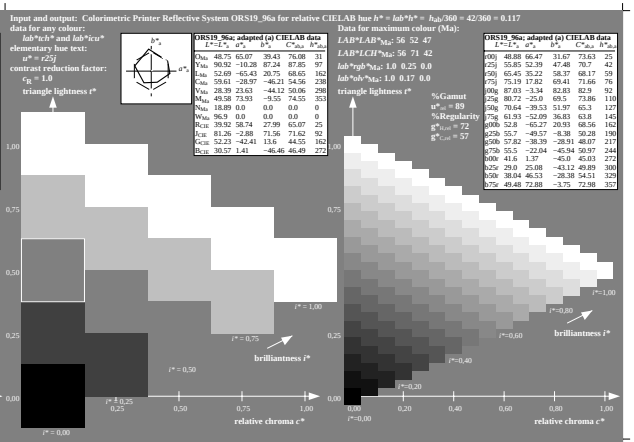
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r00j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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
$lab^*ob^*_{Ma}$: 1.0 0.0 0.16



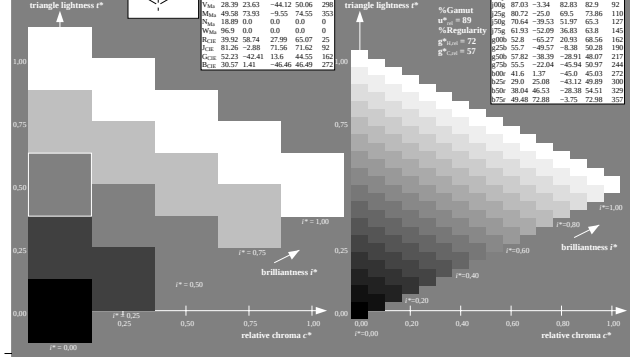
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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
$lab^*ob^*_{Ma}$: 1.0 0.17 0.0



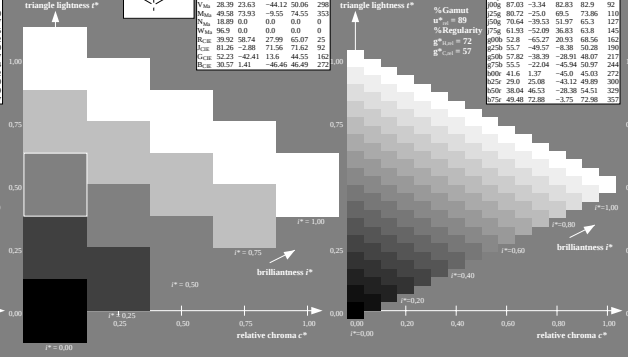
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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
$lab^*ob^*_{Ma}$: 1.0 0.4 0.0



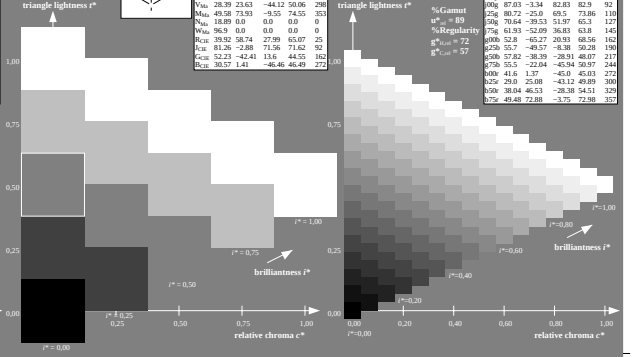
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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
$lab^*ob^*_{Ma}$: 1.0 0.63 0.0



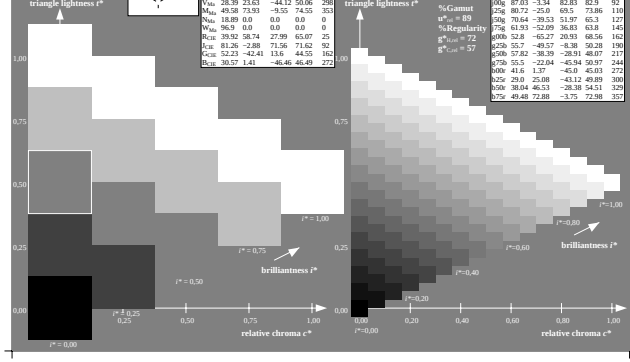
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j00g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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
$lab^*ob^*_{Ma}$: 1.0 0.91 0.0



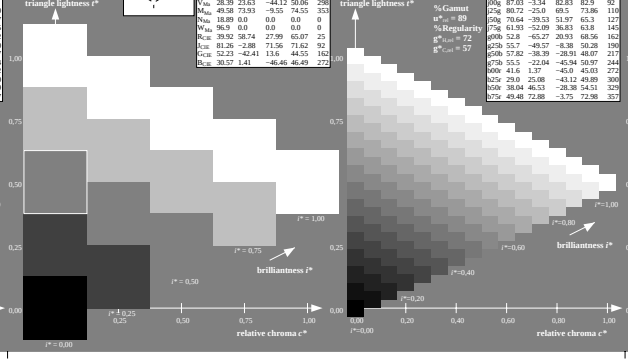
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

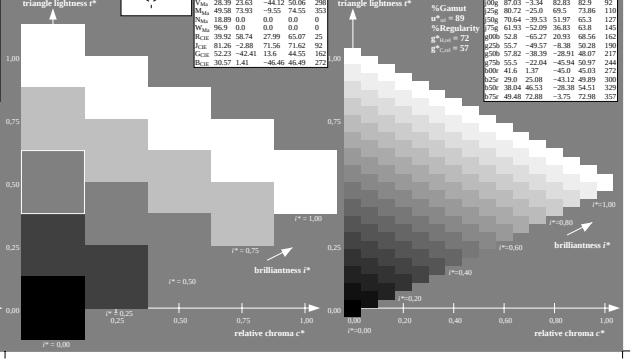
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 81 −24 69
$LAB^*LCH^*_{Ma}$: 81 74 110
$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
$lab^*ob^*_{Ma}$: 0.73 1.0 0.0



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^*

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
$lab^*ob^*_{Ma}$: 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^*

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
$lab^*ob^*_{Ma}$: 0.24 1.0 0.0