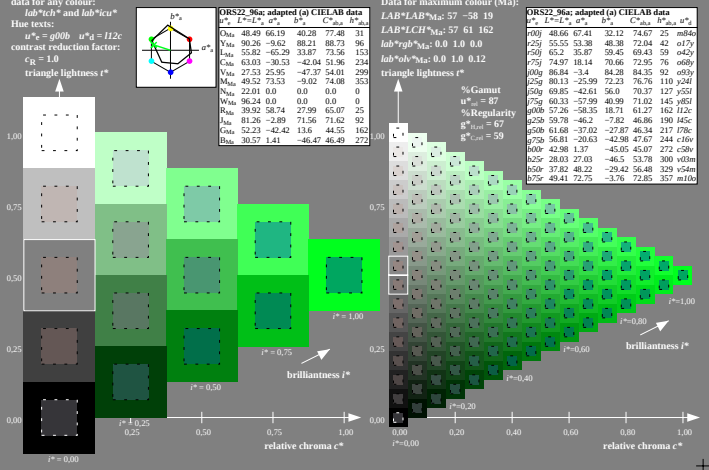
Input and output: Colorimetric Printer Reflective System ORS22_96, L*=22_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$ $u^*_e = g00b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_e = g00b$ $u^*_d = l12c$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −58 19
$LAB^*LCH^*_{Ma}$: 57 61 162
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.12
triangle lightness t^*



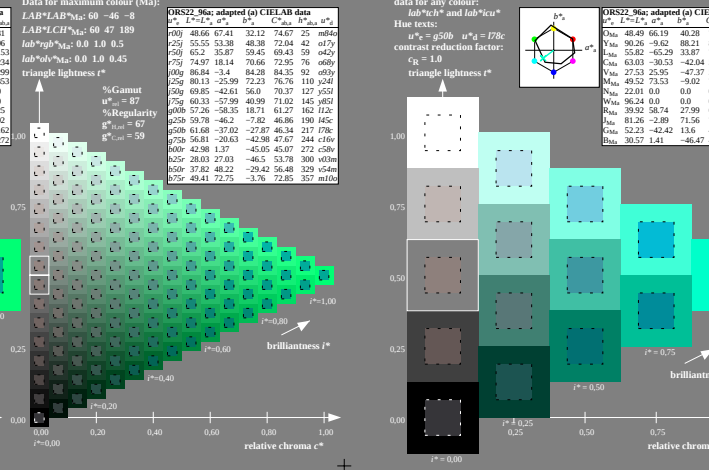
ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.49	66.19	40.28	77.48	31
Y_{Ma}	90.26	−9.62	88.21	88.73	96
L_{Ma}	55.82	−65.29	33.87	73.56	153
C_{Ma}	63.03	−30.53	−42.04	51.96	234
V_{Ma}	27.53	25.95	−47.37	54.01	299
M_{Ma}	49.52	73.53	−9.02	74.08	353
N_{Ma}	22.01	0.0	0.0	0.0	0
W_{Ma}	96.24	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
I_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
r00/	48.66	67.41	32.12	74.67	25	m84c
r25/	55.55	53.38	48.38	72.04	42	o17y
r50/	65.2	35.87	59.45	69.43	59	o42y
r75/	74.97	18.14	70.66	72.95	76	o60y
y00/	86.84	−3.4	84.28	84.35	92	o93y
y25/	80.13	−25.99	72.23	76.76	110	y24l
y50/	69.85	−42.61	56.0	70.37	127	y55l
y75/	60.33	−57.99	40.99	71.02	145	y85l
g00b	57.26	−58.35	18.71	61.27	162	l12c
g25b	59.78	−46.2	−7.82	46.86	190	l45c
g50b	61.68	−37.02	−27.87	46.34	217	l78c
g75b	56.81	−20.63	−42.98	47.67	244	c16v
b00r	42.98	1.37	−45.05	45.07	272	c58v
b25r	28.03	27.03	−46.5	53.78	300	v03m
b50r	37.82	48.22	−29.42	56.48	329	v54m
b75r	49.41	72.75	−3.76	72.85	357	m10c

Input and output: Colorimetric Printer Reflective System ORS22_96, L*=22_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$ $u^*_e = g25b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_e = g25b$ $u^*_d = l45c$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 60 −46 −8
$LAB^*LCH^*_{Ma}$: 60 47 189
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
$lab^*olv^*_{Ma}$: 0.0 1.0 0.45
triangle lightness t^*



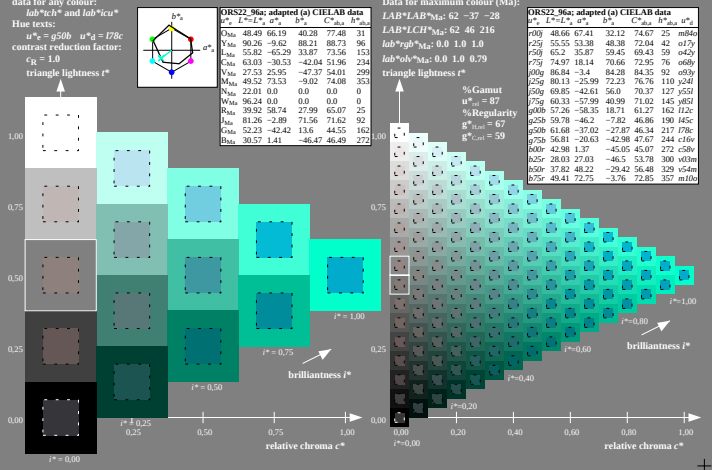
ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.49	66.19	40.28	77.48	31
Y_{Ma}	90.26	−9.62	88.21	88.73	96
L_{Ma}	55.82	−65.29	33.87	73.56	153
C_{Ma}	63.03	−30.53	−42.04	51.96	234
V_{Ma}	27.53	25.95	−47.37	54.01	299
M_{Ma}	49.52	73.53	−9.02	74.08	353
N_{Ma}	22.01	0.0	0.0	0.0	0
W_{Ma}	96.24	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
I_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
r00/	48.66	67.41	32.12	74.67	25	m84c
r25/	55.55	53.38	48.38	72.04	42	o17y
r50/	65.2	35.87	59.45	69.43	59	o42y
r75/	74.97	18.14	70.66	72.95	76	o60y
y00/	86.84	−3.4	84.28	84.35	92	o93y
y25/	80.13	−25.99	72.23	76.76	110	y24l
y50/	69.85	−42.61	56.0	70.37	127	y55l
y75/	60.33	−57.99	40.99	71.02	145	y85l
g00b	57.26	−58.35	18.71	61.27	162	l12c
g25b	59.78	−46.2	−7.82	46.86	190	l45c
g50b	61.68	−37.02	−27.87	46.34	217	l78c
g75b	56.81	−20.63	−42.98	47.67	244	c16v
b00r	42.98	1.37	−45.05	45.07	272	c58v
b25r	28.03	27.03	−46.5	53.78	300	v03m
b50r	37.82	48.22	−29.42	56.48	329	v54m
b75r	49.41	72.75	−3.76	72.85	357	m10c

Input and output: Colorimetric Printer Reflective System ORS22_96, L*=22_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$ $u^*_e = g50b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_e = g50b$ $u^*_d = l78c$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 62 −37 −28
$LAB^*LCH^*_{Ma}$: 62 46 216
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.79
triangle lightness t^*



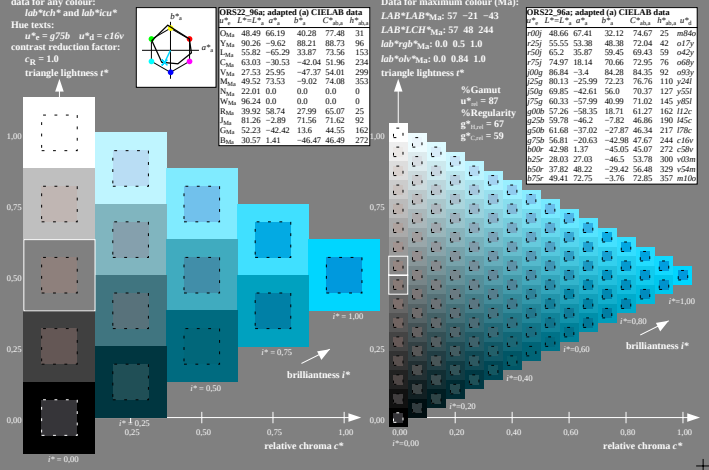
ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.49	66.19	40.28	77.48	31
Y_{Ma}	90.26	−9.62	88.21	88.73	96
L_{Ma}	55.82	−65.29	33.87	73.56	153
C_{Ma}	63.03	−30.53	−42.04	51.96	234
V_{Ma}	27.53	25.95	−47.37	54.01	299
M_{Ma}	49.52	73.53	−9.02	74.08	353
N_{Ma}	22.01	0.0	0.0	0.0	0
W_{Ma}	96.24	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
I_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
r00/	48.66	67.41	32.12	74.67	25	m84c
r25/	55.55	53.38	48.38	72.04	42	o17y
r50/	65.2	35.87	59.45	69.43	59	o42y
r75/	74.97	18.14	70.66	72.95	76	o60y
y00/	86.84	−3.4	84.28	84.35	92	o93y
y25/	80.13	−25.99	72.23	76.76	110	y24l
y50/	69.85	−42.61	56.0	70.37	127	y55l
y75/	60.33	−57.99	40.99	71.02	145	y85l
g00b	57.26	−58.35	18.71	61.27	162	l12c
g25b	59.78	−46.2	−7.82	46.86	190	l45c
g50b	61.68	−37.02	−27.87	46.34	217	l78c
g75b	56.81	−20.63	−42.98	47.67	244	c16v
b00r	42.98	1.37	−45.05	45.07	272	c58v
b25r	28.03	27.03	−46.5	53.78	300	v03m
b50r	37.82	48.22	−29.42	56.48	329	v54m
b75r	49.41	72.75	−3.76	72.85	357	m10c

Input and output: Colorimetric Printer Reflective System ORS22_96, L*=22_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$ $u^*_e = g75b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_e = g75b$ $u^*_d = c16v$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −21 −43
$LAB^*LCH^*_{Ma}$: 57 48 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.84 1.0
triangle lightness t^*



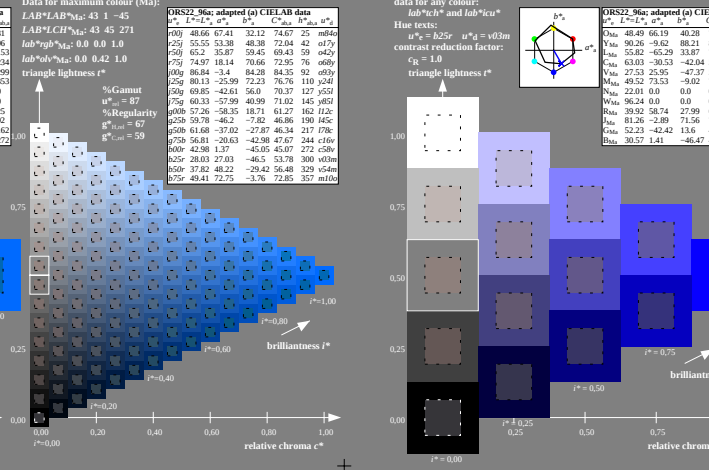
ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.49	66.19	40.28	77.48	31
Y_{Ma}	90.26	−9.62	88.21	88.73	96
L_{Ma}	55.82	−65.29	33.87	73.56	153
C_{Ma}	63.03	−30.53	−42.04	51.96	234
V_{Ma}	27.53	25.95	−47.37	54.01	299
M_{Ma}	49.52	73.53	−9.02	74.08	353
N_{Ma}	22.01	0.0	0.0	0.0	0
W_{Ma}	96.24	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
I_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
r00/	48.66	67.41	32.12	74.67	25	m84c
r25/	55.55	53.38	48.38	72.04	42	o17y
r50/	65.2	35.87	59.45	69.43	59	o42y
r75/	74.97	18.14	70.66	72.95	76	o60y
y00/	86.84	−3.4	84.28	84.35	92	o93y
y25/	80.13	−25.99	72.23	76.76	110	y24l
y50/	69.85	−42.61	56.0	70.37	127	y55l
y75/	60.33	−57.99	40.99	71.02	145	y85l
g00b	57.26	−58.35	18.71	61.27	162	l12c
g25b	59.78	−46.2	−7.82	46.86	190	l45c
g50b	61.68	−37.02	−27.87	46.34	217	l78c
g75b	56.81	−20.63	−42.98	47.67	244	c16v
b00r	42.98	1.37	−45.05	45.07	272	c58v
b25r	28.03	27.03	−46.5	53.78	300	v03m
b50r	37.82	48.22	−29.42	56.48	329	v54m
b75r	49.41	72.75	−3.76	72.85	357	m10c

Input and output: Colorimetric Printer Reflective System ORS22_96, L*=22_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$ $u^*_e = b00r$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_e = b00r$ $u^*_d = c58v$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 43 1 −45
$LAB^*LCH^*_{Ma}$: 43 45 271
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.42 1.0
triangle lightness t^*



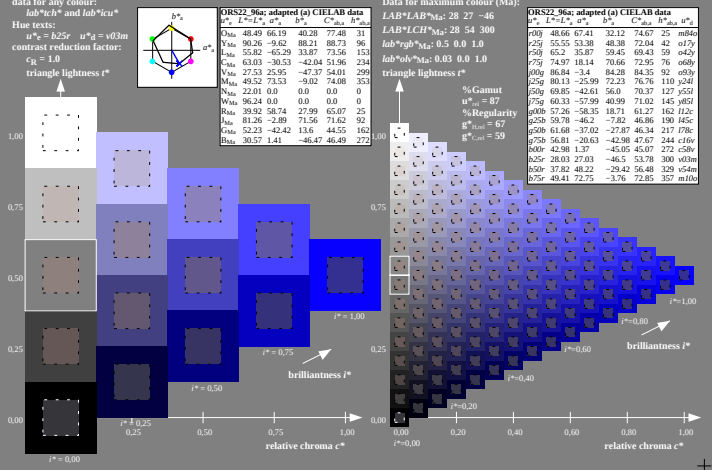
ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.49	66.19	40.28	77.48	31
Y_{Ma}	90.26	−9.62	88.21	88.73	96
L_{Ma}	55.82	−65.29	33.87	73.56	153
C_{Ma}	63.03	−30.53	−42.04	51.96	234
V_{Ma}	27.53	25.95	−47.37	54.01	299
M_{Ma}	49.52	73.53	−9.02	74.08	353
N_{Ma}	22.01	0.0	0.0	0.0	0
W_{Ma}	96.24	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
I_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
r00/	48.66	67.41	32.12	74.67	25	m84c
r25/	55.55	53.38	48.38	72.04	42	o17y
r50/	65.2	35.87	59.45	69.43	59	o42y
r75/	74.97	18.14	70.66	72.95	76	o60y
y00/	86.84	−3.4	84.28	84.35	92	o93y
y25/	80.13	−25.99	72.23	76.76	110	y24l
y50/	69.85	−42.61	56.0	70.37	127	y55l
y75/	60.33	−57.99	40.99	71.02	145	y85l
g00b	57.26	−58.35	18.71	61.27	162	l12c
g25b	59.78	−46.2	−7.82	46.86	190	l45c
g50b	61.68	−37.02	−27.87	46.34	217	l78c
g75b	56.81	−20.63	−42.98	47.67	244	c16v
b00r	42.98	1.37	−45.05	45.07	272	c58v
b25r	28.03	27.03	−46.5	53.78	300	v03m
b50r	37.82	48.22	−29.42	56.48	329	v54m
b75r	49.41	72.75	−3.76	72.85	357	m10c

Input and output: Colorimetric Printer Reflective System ORS22_96, L*=22_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$ $u^*_e = b25r$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_e = b25r$ $u^*_d = v03m$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 28 27 −46
$LAB^*LCH^*_{Ma}$: 28 54 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.03 0.0 1.0
triangle lightness t^*



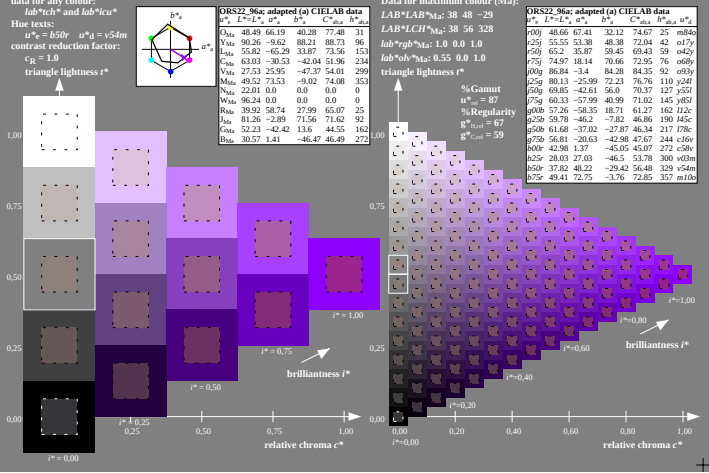
ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.49	66.19	40.28	77.48	31
Y_{Ma}	90.26	−9.62	88.21	88.73	96
L_{Ma}	55.82	−65.29	33.87	73.56	153
C_{Ma}	63.03	−30.53	−42.04	51.96	234
V_{Ma}	27.53	25.95	−47.37	54.01	299
M_{Ma}	49.52	73.53	−9.02	74.08	353
N_{Ma}	22.01	0.0	0.0	0.0	0
W_{Ma}	96.24	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
I_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
r00/	48.66	67.41	32.12	74.67	25	m84c
r25/	55.55	53.38	48.38	72.04	42	o17y
r50/	65.2	35.87	59.45	69.43	59	o42y
r75/	74.97	18.14	70.66	72.95	76	o60y
y00/	86.84	−3.4	84.28	84.35	92	o93y
y25/	80.13	−25.99	72.23	76.76	110	y24l
y50/	69.85	−42.61	56.0	70.37	127	y55l
y75/	60.33	−57.99	40.99	71.02	145	y85l
g00b	57.26	−58.35	18.71	61.27	162	l12c
g25b	59.78	−46.2	−7.82	46.86	190	l45c
g50b	61.68	−37.02	−27.87	46.34	217	l78c
g75b	56.81	−20.63	−42.98	47.67	244	c16v
b00r	42.98	1.37	−45.05	45.07	272	c58v
b25r	28.03	27.03	−46.5	53.78	300	v03m
b50r	37.82	48.22	−29.42	56.48	329	v54m
b75r	49.41	72.75	−3.76	72.85	357	m10c

Input and output: Colorimetric Printer Reflective System ORS22_96, L*=22_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$ $u^*_e = b50r$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_e = b50r$ $u^*_d = v54m$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 38 48 −29
$LAB^*LCH^*_{Ma}$: 38 56 328
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.55 0.0 1.0
triangle lightness t^*



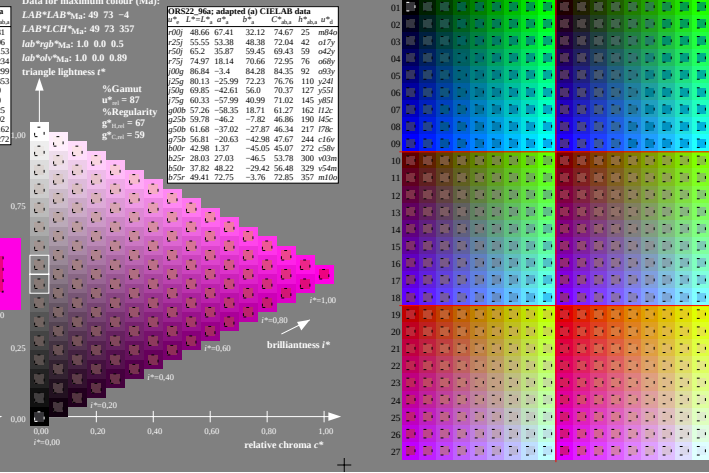
ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.49	66.19	40.28	77.48	31
Y_{Ma}	90.26	−9.62	88.21	88.73	96
L_{Ma}	55.82	−65.29	33.87	73.56	153
C_{Ma}	63.03	−30.53	−42.04	51.96	234
V_{Ma}	27.53	25.95	−47.37	54.01	299
M_{Ma}	49.52	73.53	−9.02	74.08	353
N_{Ma}	22.01	0.0	0.0	0.0	0
W_{Ma}	96.24	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
I_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

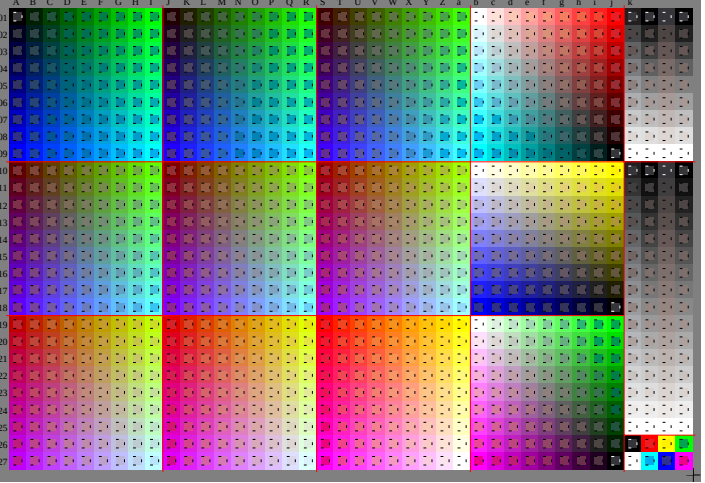
ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
r00/	48.66	67.41	32.12	74.67	25	m84c
r25/	55.55	53.38	48.38	72.04	42	o17y
r50/	65.2	35.87	59.45	69.43	59	o42y
r75/	74.97	18.14	70.66	72.95	76	o60y
y00/	86.84	−3.4	84.28	84.35	92	o93y
y25/	80.13	−25.99	72.23	76.76	110	y24l
y50/	69.85	−42.61	56.0	70.37	127	y55l
y75/	60.33	−57.99	40.99	71.02	145	y85l
g00b	57.26	−58.35	18.71	61.27	162	l12c
g25b	59.78	−46.2	−7.82	46.86	190	l45c
g50b	61.68	−37.02	−27.87	46.34	217	l78c
g75b	56.81	−20.63	−42.98	47.67	244	c16v
b00r	42.98	1.37	−45.05	45.07	272	c58v
b25r	28.03	27.03	−46.5	53.78	300	v03m
b50r	37.82	48.22	−29.42	56.48	329	v54m
b75r	49.41	72.75	−3.76	72.85	357	m10c

Input and output: Colorimetric Printer Reflective System ORS22_96, L*=22_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$ $u^*_e = b75r$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_e = b75r$ $u^*_d = m10o$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 49 73 −4
$LAB^*LCH^*_{Ma}$: 49 73 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.89
triangle lightness t^*



ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.49	66.19	40.28	77.48	31
Y_{Ma}	90.26	−9.62	88.21	88.73	96
L_{Ma}	55.82	−65.29	33.87	73.56	153
C_{Ma}	63.03	−30.53	−42.04	51.96	234
V_{Ma}	27.53	25.95	−47.37	54.01	299
M_{Ma}	49.52	73.53	−9.02	74.08	353
N_{Ma}	22.01	0.0	0.0	0.0	0
W_{Ma}	96.24	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
I_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

ORS22_96a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
r00/	48.66	67.41	32.12	74.67	25	m84c
r25/	55.55	53.38	48.38	72.04	42	o17y
r50/	65.2	35.87	59.45	69.43	59	o42y
r75/	74.97	18.14	70.66	72.95	76	o60y
y00/	86.84	−3.4	84.28	84.35	92	o93y
y25/	80.13	−25.99	72.23	76.76	110	y24l
y50/	69.85	−42.61	56.0	70.37	127	y55l
y75/	60.33	−57.99	40.99	71.02	145	y85l
g00b	57.26	−58.35	18.71	61.27	162	l12c
g25b	59.78	−46.2	−7.82	46.86	190	l45c
g50b	61.68	−37.02	−27.87	46.34	217	l78c
g75b	56.81	−20.63	−42.98	47.67	244	c16v
b00r	42.98	1.37	−45.05	45.07	272	c58v
b25r	28.03	27.03	−46.5	53.78	300	v03m
b50r	37.82	48.22	−29.42	56.48	329	v54m
b75r	49.41	72.75	−3.76	72.85	357	m10c