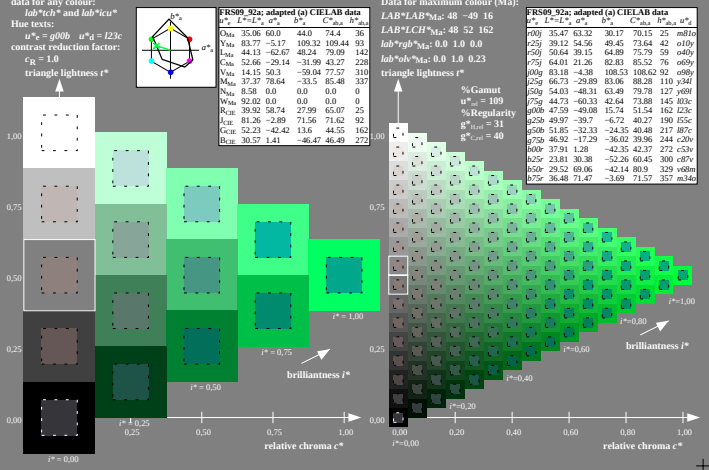
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$ $u^*_\varepsilon = g00b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_\varepsilon = g00b$ $u^*_d = f23c$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 −49 16
$LAB^*LCH^*_{Ma}$: 48 52 162
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.23
triangle lightness t^*



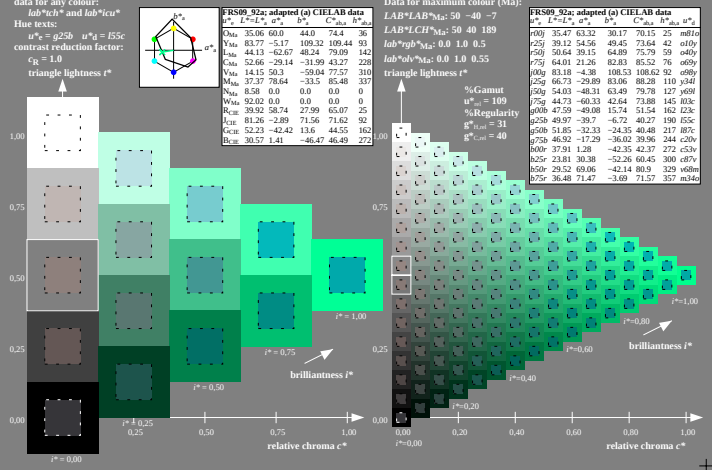
FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
O_{Ma}	35.06	60.0	44.0	74.4	36	
Y_{Ma}	83.77	−5.17	109.32	109.44	93	
L_{Ma}	44.13	−62.67	48.24	79.09	142	
C_{Ma}	52.66	−29.14	−31.99	43.27	228	
V_{Ma}	14.15	50.3	−59.04	77.57	310	
M_{Ma}	37.37	78.64	−33.5	85.48	337	
N_{Ma}	8.58	0.0	0.0	0.0	0	
W_{Ma}	92.02	0.0	0.0	0.0	0	
R_{CIE}	39.92	58.74	27.99	65.07	25	
I_{CIE}	81.26	−2.89	71.56	71.62	92	
C_{CIE}	52.23	−42.42	13.6	44.55	162	
B_{CIE}	30.57	1.41	−46.47	46.49	272	

FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
r00	35.47	63.32	30.17	70.15	25	m81c
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o60y
r00g	83.18	−4.38	108.53	108.62	92	o98y
r25g	66.73	−29.89	83.06	88.28	110	y34l
r50g	54.03	−48.31	63.49	79.78	127	y69l
r75g	44.73	−60.33	42.64	73.88	145	l03c
g00b	47.59	−49.08	15.74	51.54	162	l23c
g25b	49.97	−39.7	−6.72	40.27	190	l55c
g50b	51.85	−32.33	−24.35	40.48	217	l87c
g75b	46.92	−17.29	−36.02	39.96	244	c20v
b00r	37.91	1.28	−42.35	42.37	272	c53v
b25r	23.81	30.38	−52.26	60.45	300	c87v
b50r	29.52	69.06	−42.14	80.9	329	v68m
b75r	36.48	71.47	−3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$ $u^*_\varepsilon = g25b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_\varepsilon = g25b$ $u^*_d = f55c$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 50 −40 −7
$LAB^*LCH^*_{Ma}$: 50 40 189
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
$lab^*olv^*_{Ma}$: 0.0 1.0 0.55
triangle lightness t^*



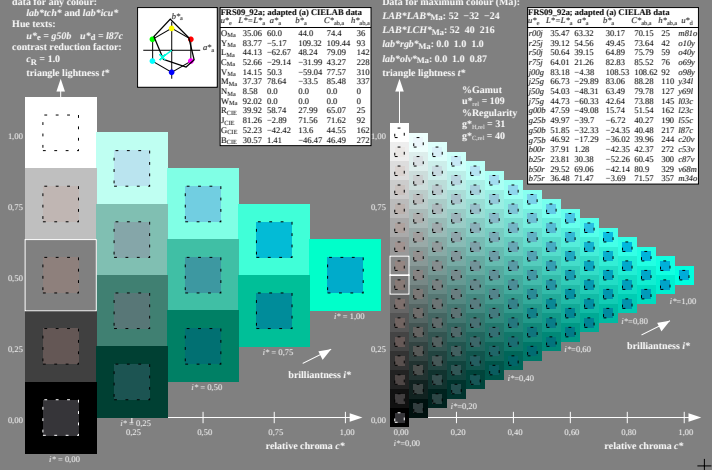
FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
O_{Ma}	35.06	60.0	44.0	74.4	36	
Y_{Ma}	83.77	−5.17	109.32	109.44	93	
L_{Ma}	44.13	−62.67	48.24	79.09	142	
C_{Ma}	52.66	−29.14	−31.99	43.27	228	
V_{Ma}	14.15	50.3	−59.04	77.57	310	
M_{Ma}	37.37	78.64	−33.5	85.48	337	
N_{Ma}	8.58	0.0	0.0	0.0	0	
W_{Ma}	92.02	0.0	0.0	0.0	0	
R_{CIE}	39.92	58.74	27.99	65.07	25	
I_{CIE}	81.26	−2.89	71.56	71.62	92	
C_{CIE}	52.23	−42.42	13.6	44.55	162	
B_{CIE}	30.57	1.41	−46.47	46.49	272	

FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
r00	35.47	63.32	30.17	70.15	25	m81c
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o60y
r00g	83.18	−4.38	108.53	108.62	92	o98y
r25g	66.73	−29.89	83.06	88.28	110	y34l
r50g	54.03	−48.31	63.49	79.78	127	y69l
r75g	44.73	−60.33	42.64	73.88	145	l03c
g00b	47.59	−49.08	15.74	51.54	162	l23c
g25b	49.97	−39.7	−6.72	40.27	190	l55c
g50b	51.85	−32.33	−24.35	40.48	217	l87c
g75b	46.92	−17.29	−36.02	39.96	244	c20v
b00r	37.91	1.28	−42.35	42.37	272	c53v
b25r	23.81	30.38	−52.26	60.45	300	c87v
b50r	29.52	69.06	−42.14	80.9	329	v68m
b75r	36.48	71.47	−3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$ $u^*_\varepsilon = g50b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_\varepsilon = g50b$ $u^*_d = l87c$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 52 −32 −24
$LAB^*LCH^*_{Ma}$: 52 40 216
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.87
triangle lightness t^*



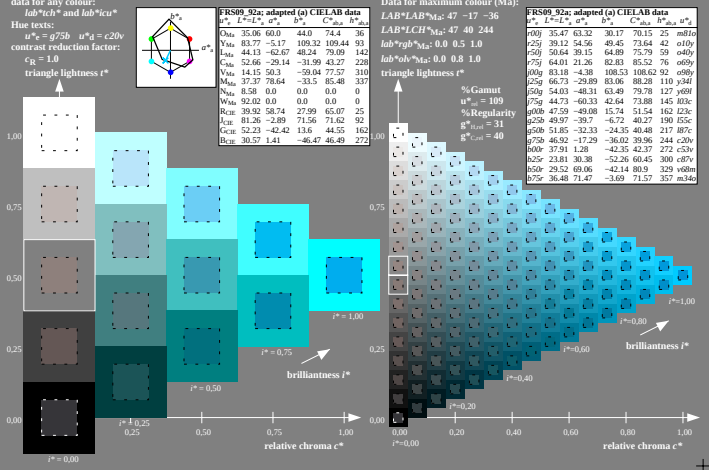
FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
O_{Ma}	35.06	60.0	44.0	74.4	36	
Y_{Ma}	83.77	−5.17	109.32	109.44	93	
L_{Ma}	44.13	−62.67	48.24	79.09	142	
C_{Ma}	52.66	−29.14	−31.99	43.27	228	
V_{Ma}	14.15	50.3	−59.04	77.57	310	
M_{Ma}	37.37	78.64	−33.5	85.48	337	
N_{Ma}	8.58	0.0	0.0	0.0	0	
W_{Ma}	92.02	0.0	0.0	0.0	0	
R_{CIE}	39.92	58.74	27.99	65.07	25	
I_{CIE}	81.26	−2.89	71.56	71.62	92	
C_{CIE}	52.23	−42.42	13.6	44.55	162	
B_{CIE}	30.57	1.41	−46.47	46.49	272	

FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
r00	35.47	63.32	30.17	70.15	25	m81c
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o60y
r00g	83.18	−4.38	108.53	108.62	92	o98y
r25g	66.73	−29.89	83.06	88.28	110	y34l
r50g	54.03	−48.31	63.49	79.78	127	y69l
r75g	44.73	−60.33	42.64	73.88	145	l03c
g00b	47.59	−49.08	15.74	51.54	162	l23c
g25b	49.97	−39.7	−6.72	40.27	190	l55c
g50b	51.85	−32.33	−24.35	40.48	217	l87c
g75b	46.92	−17.29	−36.02	39.96	244	c20v
b00r	37.91	1.28	−42.35	42.37	272	c53v
b25r	23.81	30.38	−52.26	60.45	300	c87v
b50r	29.52	69.06	−42.14	80.9	329	v68m
b75r	36.48	71.47	−3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$ $u^*_\varepsilon = g75b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_\varepsilon = g75b$ $u^*_d = c20v$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 47 −17 −36
$LAB^*LCH^*_{Ma}$: 47 40 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t^*



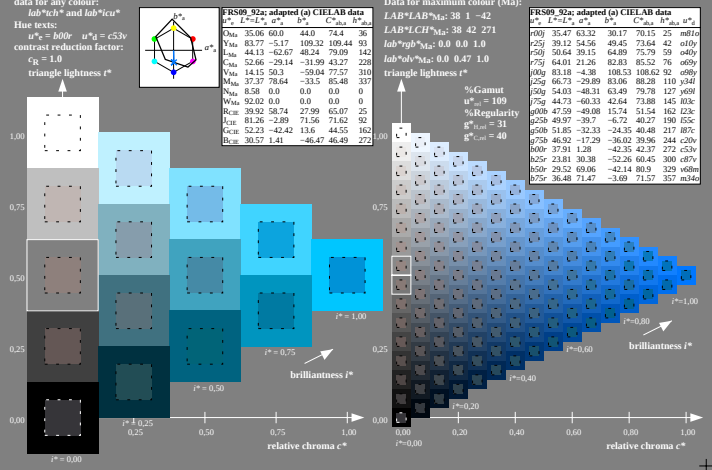
FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
O_{Ma}	35.06	60.0	44.0	74.4	36	
Y_{Ma}	83.77	−5.17	109.32	109.44	93	
L_{Ma}	44.13	−62.67	48.24	79.09	142	
C_{Ma}	52.66	−29.14	−31.99	43.27	228	
V_{Ma}	14.15	50.3	−59.04	77.57	310	
M_{Ma}	37.37	78.64	−33.5	85.48	337	
N_{Ma}	8.58	0.0	0.0	0.0	0	
W_{Ma}	92.02	0.0	0.0	0.0	0	
R_{CIE}	39.92	58.74	27.99	65.07	25	
I_{CIE}	81.26	−2.89	71.56	71.62	92	
C_{CIE}	52.23	−42.42	13.6	44.55	162	
B_{CIE}	30.57	1.41	−46.47	46.49	272	

FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
r00	35.47	63.32	30.17	70.15	25	m81c
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o60y
r00g	83.18	−4.38	108.53	108.62	92	o98y
r25g	66.73	−29.89	83.06	88.28	110	y34l
r50g	54.03	−48.31	63.49	79.78	127	y69l
r75g	44.73	−60.33	42.64	73.88	145	l03c
g00b	47.59	−49.08	15.74	51.54	162	l23c
g25b	49.97	−39.7	−6.72	40.27	190	l55c
g50b	51.85	−32.33	−24.35	40.48	217	l87c
g75b	46.92	−17.29	−36.02	39.96	244	c20v
b00r	37.91	1.28	−42.35	42.37	272	c53v
b25r	23.81	30.38	−52.26	60.45	300	c87v
b50r	29.52	69.06	−42.14	80.9	329	v68m
b75r	36.48	71.47	−3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$ $u^*_\varepsilon = b00r$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_\varepsilon = b00r$ $u^*_d = c53v$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 38 1 −42
$LAB^*LCH^*_{Ma}$: 38 42 271
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.47 1.0
triangle lightness t^*



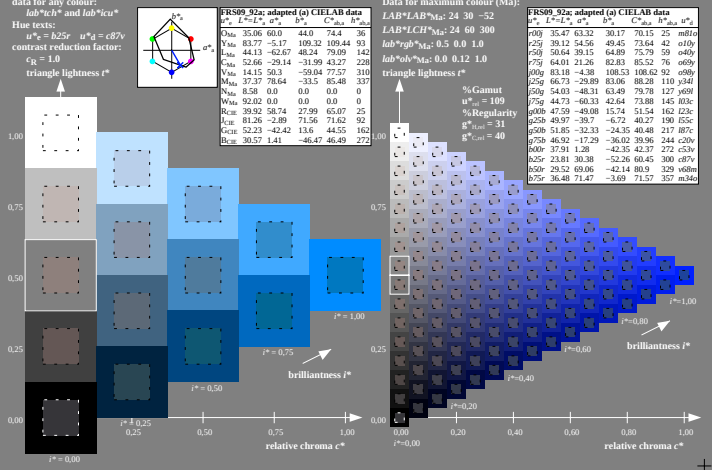
FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
O_{Ma}	35.06	60.0	44.0	74.4	36	
Y_{Ma}	83.77	−5.17	109.32	109.44	93	
L_{Ma}	44.13	−62.67	48.24	79.09	142	
C_{Ma}	52.66	−29.14	−31.99	43.27	228	
V_{Ma}	14.15	50.3	−59.04	77.57	310	
M_{Ma}	37.37	78.64	−33.5	85.48	337	
N_{Ma}	8.58	0.0	0.0	0.0	0	
W_{Ma}	92.02	0.0	0.0	0.0	0	
R_{CIE}	39.92	58.74	27.99	65.07	25	
I_{CIE}	81.26	−2.89	71.56	71.62	92	
C_{CIE}	52.23	−42.42	13.6	44.55	162	
B_{CIE}	30.57	1.41	−46.47	46.49	272	

FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
r00	35.47	63.32	30.17	70.15	25	m81c
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o60y
r00g	83.18	−4.38	108.53	108.62	92	o98y
r25g	66.73	−29.89	83.06	88.28	110	y34l
r50g	54.03	−48.31	63.49	79.78	127	y69l
r75g	44.73	−60.33	42.64	73.88	145	l03c
g00b	47.59	−49.08	15.74	51.54	162	l23c
g25b	49.97	−39.7	−6.72	40.27	190	l55c
g50b	51.85	−32.33	−24.35	40.48	217	l87c
g75b	46.92	−17.29	−36.02	39.96	244	c20v
b00r	37.91	1.28	−42.35	42.37	272	c53v
b25r	23.81	30.38	−52.26	60.45	300	c87v
b50r	29.52	69.06	−42.14	80.9	329	v68m
b75r	36.48	71.47	−3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$ $u^*_\varepsilon = b25r$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_\varepsilon = b25r$ $u^*_d = c87v$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 24 30 −52
$LAB^*LCH^*_{Ma}$: 24 60 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.12 1.0
triangle lightness t^*



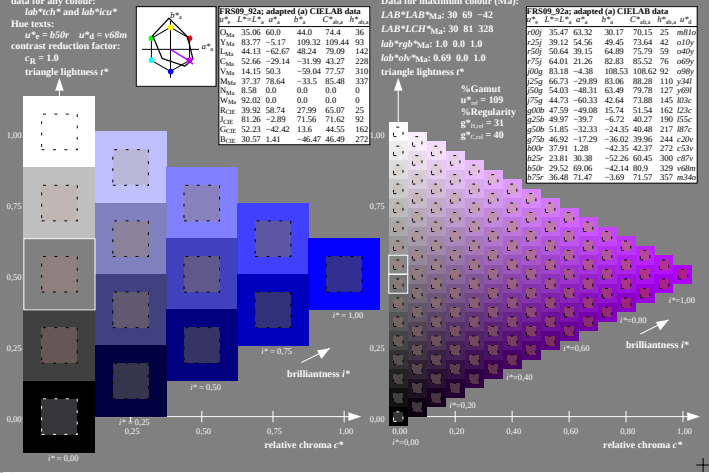
FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
O_{Ma}	35.06	60.0	44.0	74.4	36	
Y_{Ma}	83.77	−5.17	109.32	109.44	93	
L_{Ma}	44.13	−62.67	48.24	79.09	142	
C_{Ma}	52.66	−29.14	−31.99	43.27	228	
V_{Ma}	14.15	50.3	−59.04	77.57	310	
M_{Ma}	37.37	78.64	−33.5	85.48	337	
N_{Ma}	8.58	0.0	0.0	0.0	0	
W_{Ma}	92.02	0.0	0.0	0.0	0	
R_{CIE}	39.92	58.74	27.99	65.07	25	
I_{CIE}	81.26	−2.89	71.56	71.62	92	
C_{CIE}	52.23	−42.42	13.6	44.55	162	
B_{CIE}	30.57	1.41	−46.47	46.49	272	

FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
r00	35.47	63.32	30.17	70.15	25	m81c
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o60y
r00g	83.18	−4.38	108.53	108.62	92	o98y
r25g	66.73	−29.89	83.06	88.28	110	y34l
r50g	54.03	−48.31	63.49	79.78	127	y69l
r75g	44.73	−60.33	42.64	73.88	145	l03c
g00b	47.59	−49.08	15.74	51.54	162	l23c
g25b	49.97	−39.7	−6.72	40.27	190	l55c
g50b	51.85	−32.33	−24.35	40.48	217	l87c
g75b	46.92	−17.29	−36.02	39.96	244	c20v
b00r	37.91	1.28	−42.35	42.37	272	c53v
b25r	23.81	30.38	−52.26	60.45	300	c87v
b50r	29.52	69.06	−42.14	80.9	329	v68m
b75r	36.48	71.47	−3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$ $u^*_\varepsilon = b50r$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_\varepsilon = b50r$ $u^*_d = v68m$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 30 69 −42
$LAB^*LCH^*_{Ma}$: 30 81 328
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.69 0.0 1.0
triangle lightness t^*



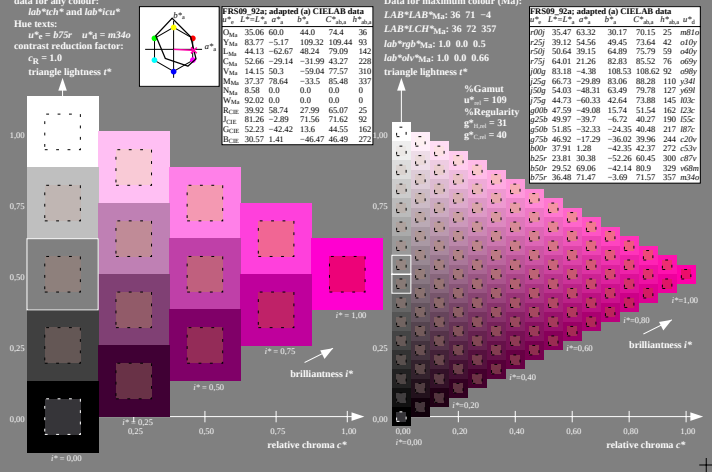
FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
O_{Ma}	35.06	60.0	44.0	74.4	36	
Y_{Ma}	83.77	−5.17	109.32	109.44	93	
L_{Ma}	44.13	−62.67	48.24	79.09	142	
C_{Ma}	52.66	−29.14	−31.99	43.27	228	
V_{Ma}	14.15	50.3	−59.04	77.57	310	
M_{Ma}	37.37	78.64	−33.5	85.48	337	
N_{Ma}	8.58	0.0	0.0	0.0	0	
W_{Ma}	92.02	0.0	0.0	0.0	0	
R_{CIE}	39.92	58.74	27.99	65.07	25	
I_{CIE}	81.26	−2.89	71.56	71.62	92	
C_{CIE}	52.23	−42.42	13.6	44.55	162	
B_{CIE}	30.57	1.41	−46.47	46.49	272	

FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
r00	35.47	63.32	30.17	70.15	25	m81c
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o60y
r00g	83.18	−4.38	108.53	108.62	92	o98y
r25g	66.73	−29.89	83.06	88.28	110	y34l
r50g	54.03	−48.31	63.49	79.78	127	y69l
r75g	44.73	−60.33	42.64	73.88	145	l03c
g00b	47.59	−49.08	15.74	51.54	162	l23c
g25b	49.97	−39.7	−6.72	40.27	190	l55c
g50b	51.85	−32.33	−24.35	40.48	217	l87c
g75b	46.92	−17.29	−36.02	39.96	244	c20v
b00r	37.91	1.28	−42.35	42.37	272	c53v
b25r	23.81	30.38	−52.26	60.45	300	c87v
b50r	29.52	69.06	−42.14	80.9	329	v68m
b75r	36.48	71.47	−3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$ $u^*_\varepsilon = b75r$

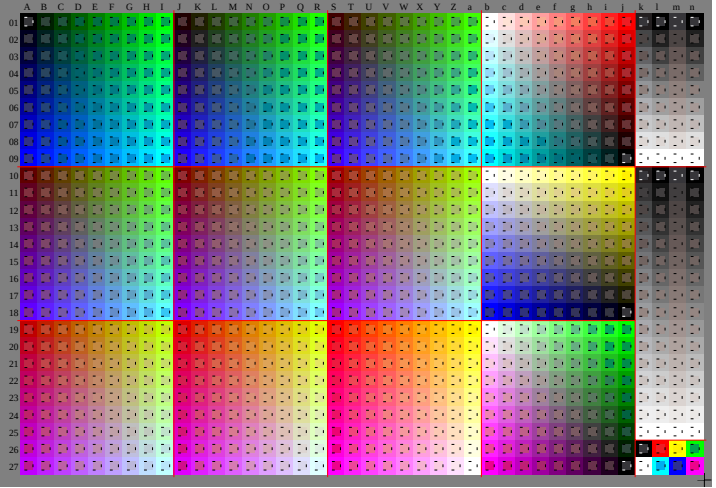
data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_\varepsilon = b75r$ $u^*_d = m34o$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 36 71 −4
$LAB^*LCH^*_{Ma}$: 36 72 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.66
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
O_{Ma}	35.06	60.0	44.0	74.4	36	
Y_{Ma}	83.77	−5.17	109.32	109.44	93	
L_{Ma}	44.13	−62.67	48.24	79.09	142	
C_{Ma}	52.66	−29.14	−31.99	43.27	228	
V_{Ma}	14.15	50.3	−59.04	77.57	310	
M_{Ma}	37.37	78.64	−33.5	85.48	337	
N_{Ma}	8.58	0.0	0.0	0.0	0	
W_{Ma}	92.02	0.0	0.0	0.0	0	
R_{CIE}	39.92	58.74	27.99	65.07	25	
I_{CIE}	81.26	−2.89	71.56	71.62	92	
C_{CIE}	52.23	−42.42	13.6	44.55	162	
B_{CIE}	30.57	1.41	−46.47	46.49	272	

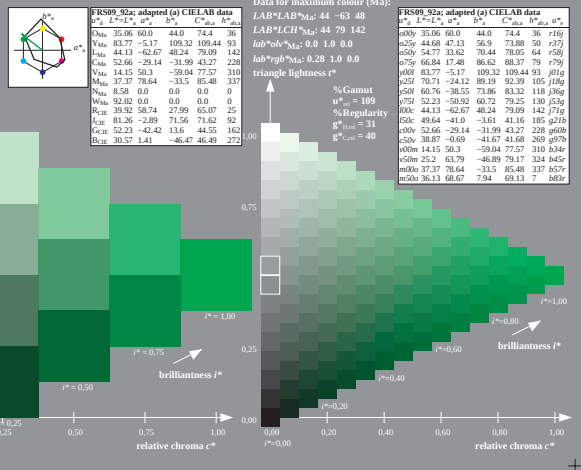
FRS09_92a; adapted (a) CIELAB data	L^*_{D65}	a^*_d	b^*_d	C^*_{dab}	h^*_{dab}	u^*_d
r00	35.47	63.32	30.17	70.15	25	m81c
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o60y
r00g	83.18	−4.38	108.53	108.62	92	o98y
r25g	66.73	−29.89	83.06	88.28	110	y34l
r50g	54.03	−48.31	63.49	79.78	127	y69l
r75g	44.73	−60.33	42.64	73.88	145	l03c
g00b	47.59	−49.08	15.74	51.54	162	l23c
g25b	49.97	−39.7	−6.72	40.27	190	l55c
g50b	51.85	−32.33	−24.35	40.48	217	l87c
g75b	46.92	−17.29	−36.02	39.96	244	c20v
b00r	37.91	1.28	−42.35	42.37	272	c53v
b25r	23.81	30.38	−52.26	60.45	300	c87v
b50r	29.52	69.06	−42.14	80.9	329	v68m
b75r	36.48	71.47	−3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$ $u^*_d = g00b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 44 −63 48
$LAB^*LCH^*_{Ma}$: 44 79 142
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0
triangle lightness t^*



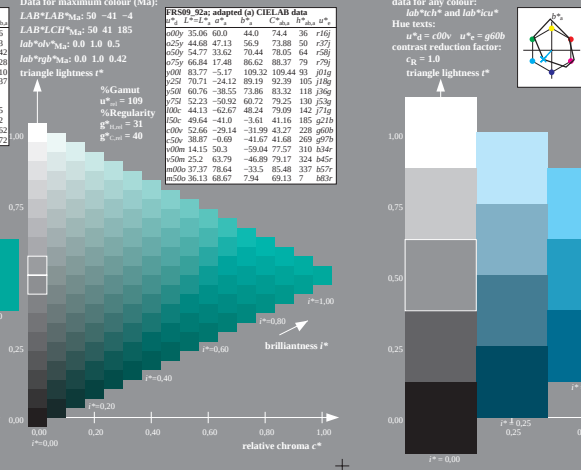
FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*_{d,a}$	u^*_e	b^*_e	$C^*_{ab,e}$	$h^*_{ab,e}$	u^*_{eu}
O_{Ma}	35.06	60.0	44.0	74.4	36	*r16j*
Y_{Ma}	83.77	−5.17	109.32	109.44	93	
L^*_{Ma}	44.13	−62.67	48.24	79.09	142	
C^*_{Ma}	52.66	−29.14	−31.99	43.27	228	
V_{Ma}	14.15	50.3	−59.04	77.57	310	
M^*_{Ma}	37.37	78.64	−33.5	85.48	337	
N^*_{Ma}	8.58	0.0	0.0	0.0	0	
W_{Ma}	92.02	0.0	0.0	0.0	0	
R^*_{CIE}	39.92	58.74	27.99	65.07	25	
I^*_{CIE}	81.26	−2.89	71.56	71.62	92	
C^*_{CIE}	52.23	−42.42	13.6	44.55	162	
B^*_{CIE}	30.57	1.41	−46.47	46.49	272	

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*_{d,a}$	u^*_e	b^*_e	$C^*_{ab,e}$	$h^*_{ab,e}$	u^*_{eu}
e00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00t	83.77	−5.17	109.32	109.44	93	*j01g*
y25t	70.71	−24.12	89.19	92.39	105	*j18g*
y50t	60.76	−38.55	73.86	83.32	118	*j36g*
y75t	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$ $u^*_d = g25b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 50 −41 −4
$LAB^*LCH^*_{Ma}$: 50 41 185
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42
triangle lightness t^*

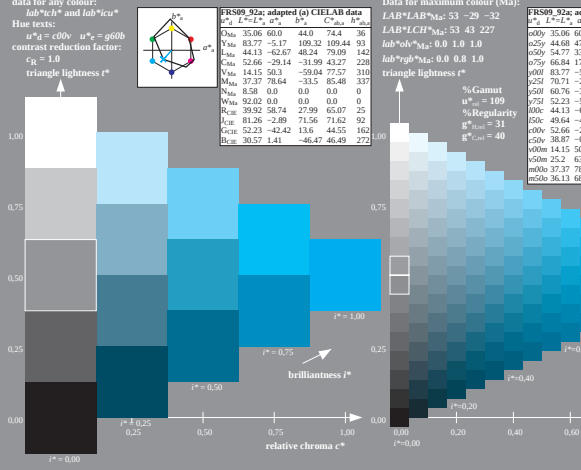


FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*_{d,a}$	u^*_e	b^*_e	$C^*_{ab,e}$	$h^*_{ab,e}$	u^*_{eu}
e00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00t	83.77	−5.17	109.32	109.44	93	*j01g*
y25t	70.71	−24.12	89.19	92.39	105	*j18g*
y50t	60.76	−38.55	73.86	83.32	118	*j36g*
y75t	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$ $u^*_d = g50b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −29 −32
$LAB^*LCH^*_{Ma}$: 53 43 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t^*

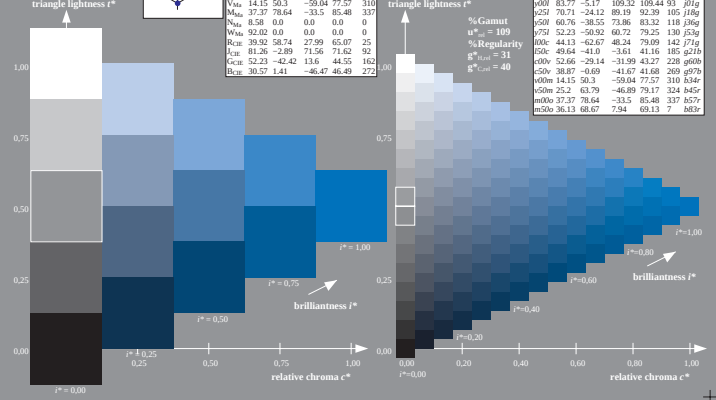


FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*_{d,a}$	u^*_e	b^*_e	$C^*_{ab,e}$	$h^*_{ab,e}$	u^*_{eu}
e00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00t	83.77	−5.17	109.32	109.44	93	*j01g*
y25t	70.71	−24.12	89.19	92.39	105	*j18g*
y50t	60.76	−38.55	73.86	83.32	118	*j36g*
y75t	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$ $u^*_d = g75b$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 −1 −42
$LAB^*LCH^*_{Ma}$: 39 42 269
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0
triangle lightness t^*

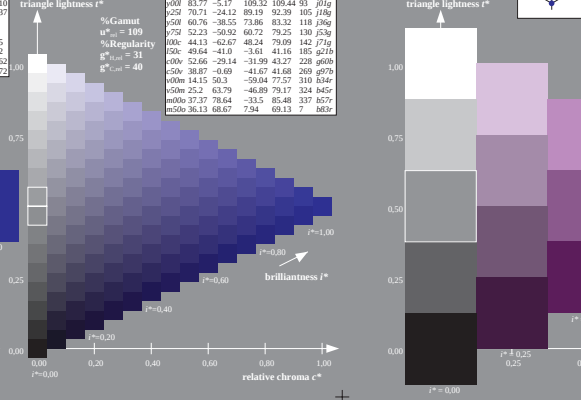


FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*_{d,a}$	u^*_e	b^*_e	$C^*_{ab,e}$	$h^*_{ab,e}$	u^*_{eu}
e00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00t	83.77	−5.17	109.32	109.44	93	*j01g*
y25t	70.71	−24.12	89.19	92.39	105	*j18g*
y50t	60.76	−38.55	73.86	83.32	118	*j36g*
y75t	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$ $u^*_d = b00r$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 14 50 −59
$LAB^*LCH^*_{Ma}$: 14 78 310
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0
triangle lightness t^*

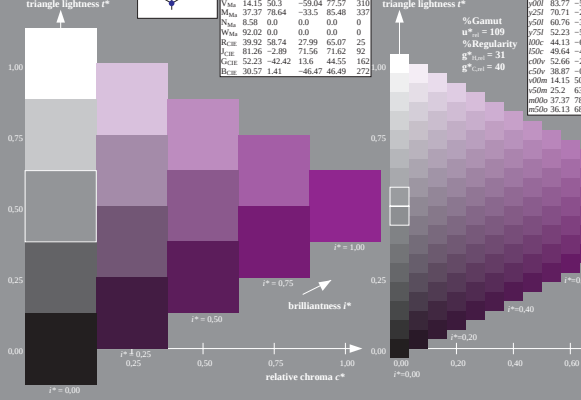


FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*_{d,a}$	u^*_e	b^*_e	$C^*_{ab,e}$	$h^*_{ab,e}$	u^*_{eu}
e00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00t	83.77	−5.17	109.32	109.44	93	*j01g*
y25t	70.71	−24.12	89.19	92.39	105	*j18g*
y50t	60.76	−38.55	73.86	83.32	118	*j36g*
y75t	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$ $u^*_d = b25r$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 25 64 −47
$LAB^*LCH^*_{Ma}$: 25 79 323
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0
triangle lightness t^*

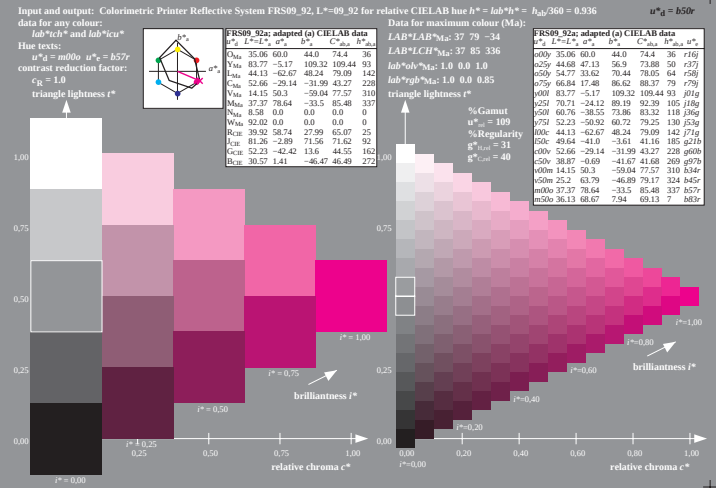


FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*_{d,a}$	u^*_e	b^*_e	$C^*_{ab,e}$	$h^*_{ab,e}$	u^*_{eu}
e00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00t	83.77	−5.17	109.32	109.44	93	*j01g*
y25t	70.71	−24.12	89.19	92.39	105	*j18g*
y50t	60.76	−38.55	73.86	83.32	118	*j36g*
y75t	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$ $u^*_d = b50r$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 37 79 −34
$LAB^*LCH^*_{Ma}$: 37 85 336
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85
triangle lightness t^*

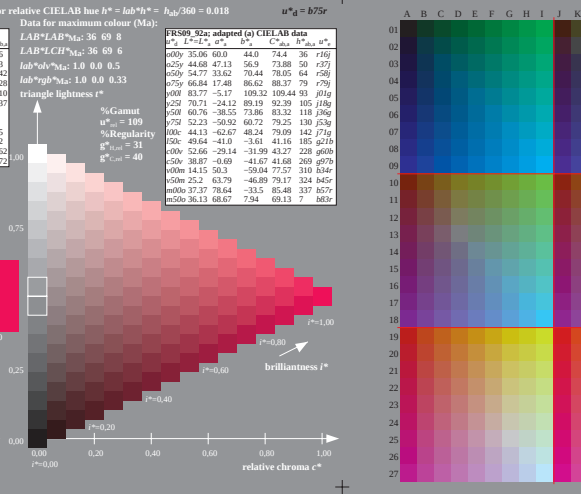
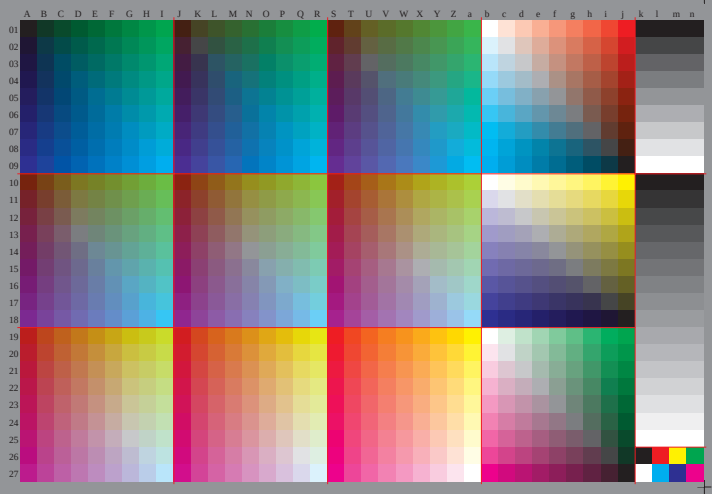


FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*_{d,a}$	u^*_e	b^*_e	$C^*_{ab,e}$	$h^*_{ab,e}$	u^*_{eu}
e00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00t	83.77	−5.17	109.32	109.44	93	*j01g*
y25t	70.71	−24.12	89.19	92.39	105	*j18g*
y50t	60.76	−38.55	73.86	83.32	118	*j36g*
y75t	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$ $u^*_d = b75r$

data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 36 69 8
$LAB^*LCH^*_{Ma}$: 36 69 6
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*_{d,a}$	u^*_e	b^*_e	$C^*_{ab,e}$	$h^*_{ab,e}$	u^*_{eu}
e00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00t	83.77	−5.17	109.32	109.44	93	*j01g*
y25t	70.71	−24.12	89.19	92.39	105	*j18g*
y50t	60.76	−38.55	73.86	83.32	118	*j36g*
y75t	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
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m50o	36.13	68.67	7.94	69.13	7	*b83r*