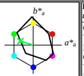
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

$u^*_e = g00b$

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_e = g00b$ $u^*_d = l23c$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t*



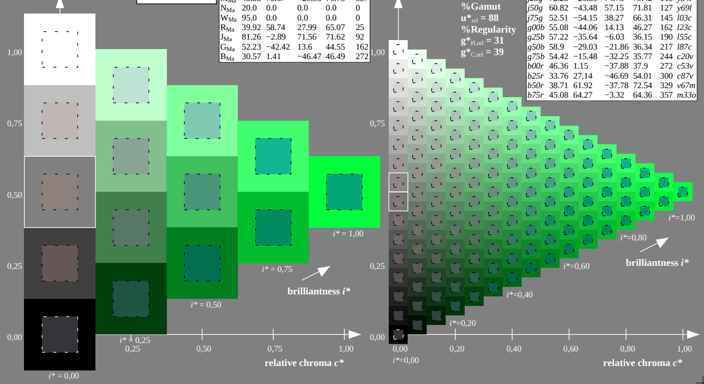
FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 −44 14
$LAB^*LCH^*_{Ma}$: 55 46 162
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.23
triangle lightness t*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

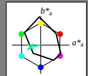
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

$u^*_e = g25b$

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_e = g25b$ $u^*_d = l55c$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t*



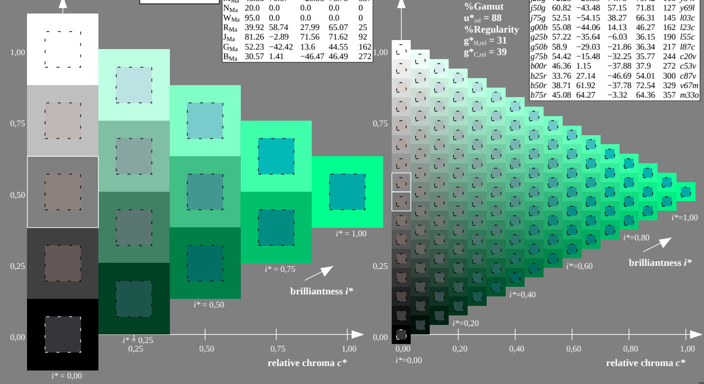
FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −36 −6
$LAB^*LCH^*_{Ma}$: 57 36 189
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
$lab^*olv^*_{Ma}$: 0.0 1.0 0.55
triangle lightness t*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

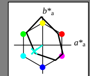
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

$u^*_e = g50b$

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_e = g50b$ $u^*_d = l87c$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t*



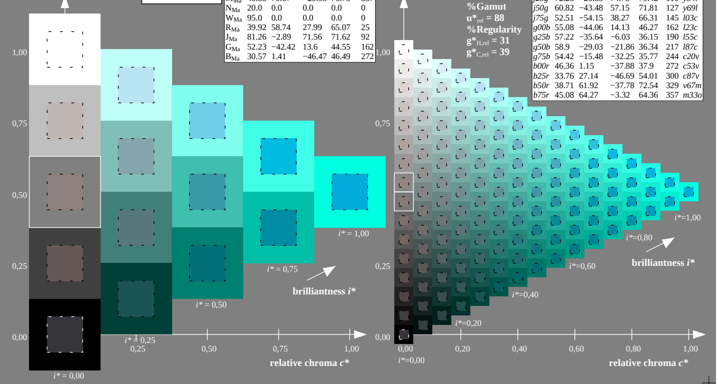
FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 59 −29 −22
$LAB^*LCH^*_{Ma}$: 59 36 216
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.88
triangle lightness t*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

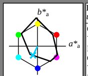
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

$u^*_e = g75b$

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t*



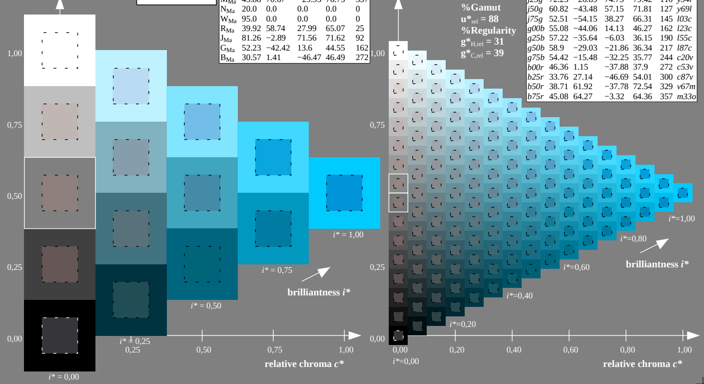
FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −15 −32
$LAB^*LCH^*_{Ma}$: 54 36 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

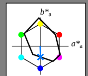
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$u^*_e = b00r$

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_e = b00r$ $u^*_d = c53v$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t*



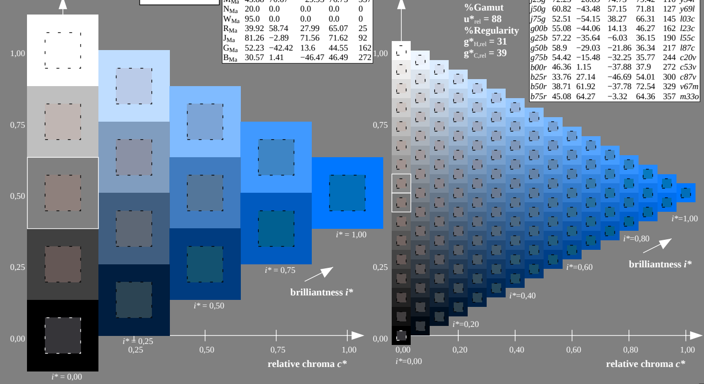
FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 46 1 −38
$LAB^*LCH^*_{Ma}$: 46 38 271
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.47 1.0
triangle lightness t*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

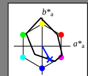
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

$u^*_e = b25r$

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_e = b25r$ $u^*_d = c87v$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t*



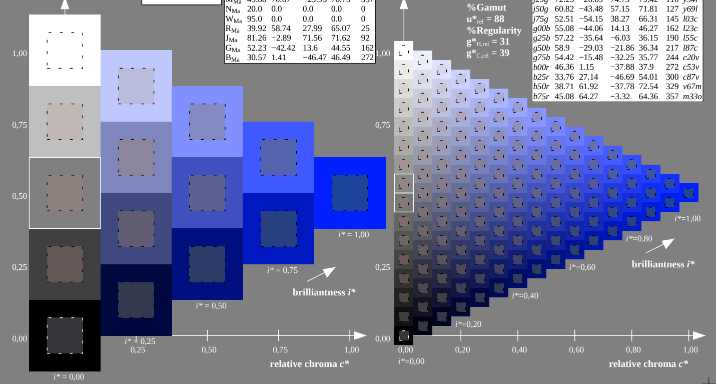
FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 34 27 −47
$LAB^*LCH^*_{Ma}$: 34 54 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.13 1.0
triangle lightness t*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

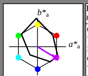
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

$u^*_e = b50r$

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_e = b50r$ $u^*_d = v67m$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t*



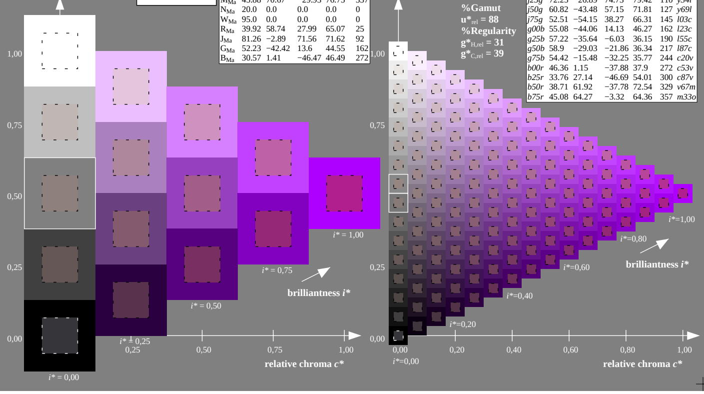
FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 62 −38
$LAB^*LCH^*_{Ma}$: 39 73 328
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.68 0.0 1.0
triangle lightness t*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

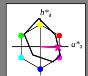
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

$u^*_e = b75r$

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_e = b75r$ $u^*_d = m33o$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t*



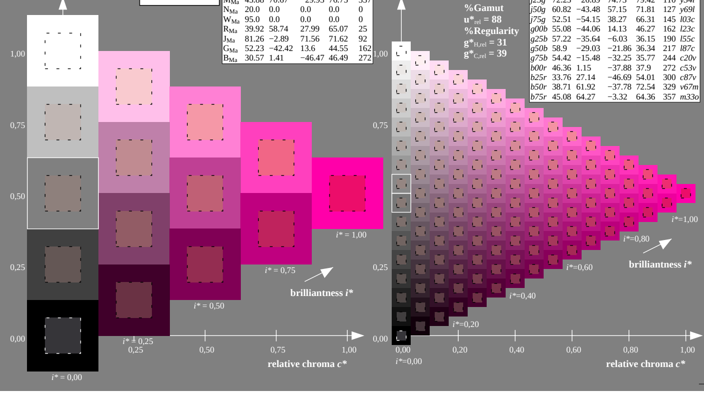
FRS12_95a; adapted (a) CIELAB data

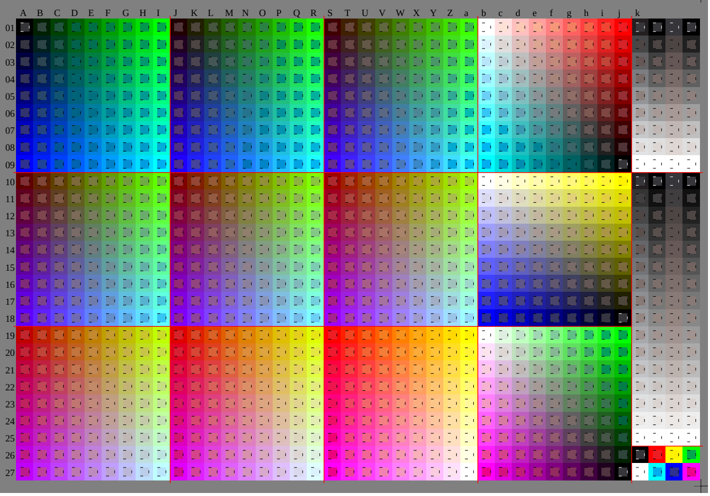
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

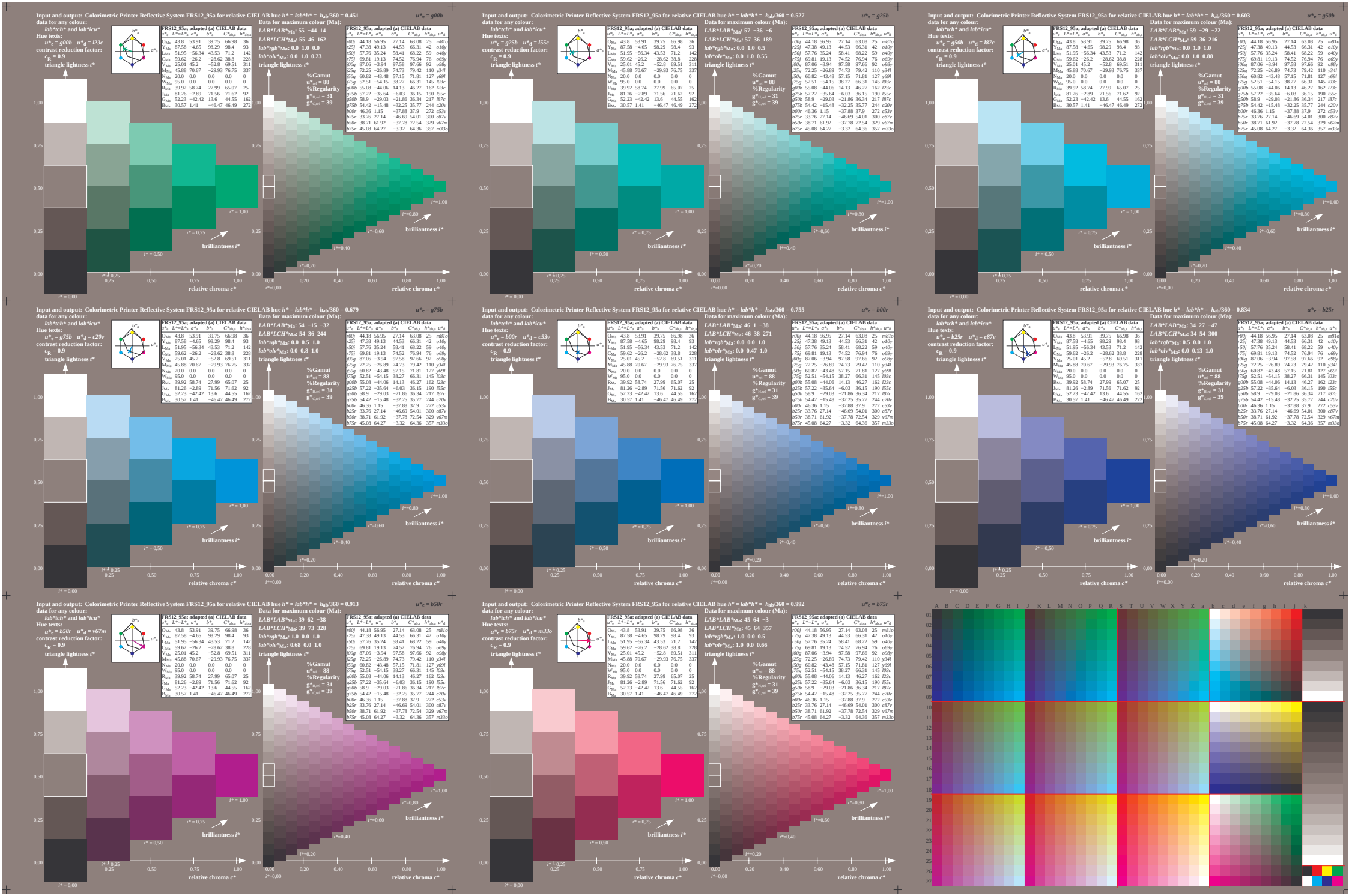
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 45 64 −3
$LAB^*LCH^*_{Ma}$: 45 64 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.66
triangle lightness t*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o

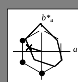





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hlab/360 = 0.451
u*e = g00b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*e = g00b u*d = l23c
contrast reduction factor:
cR = 0.9
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 55 −44 14
LAB*LCH*Ma: 55 46 162
lab*rgb*Ma: 0.0 1.0 0.0
lab*olv*Ma: 0.0 1.0 0.23
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hlab/360 = 0.527
u*e = g25b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*e = g25b u*d = l55c
contrast reduction factor:
cR = 0.9
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 57 −36 −6
LAB*LCH*Ma: 57 36 189
lab*rgb*Ma: 0.0 1.0 0.5
lab*olv*Ma: 0.0 1.0 0.55
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hlab/360 = 0.603
u*e = g50b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*e = g50b u*d = l87c
contrast reduction factor:
cR = 0.9
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 59 −29 −22
LAB*LCH*Ma: 59 36 216
lab*rgb*Ma: 0.0 1.0 1.0
lab*olv*Ma: 0.0 1.0 0.88
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hlab/360 = 0.679
u*e = g75b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*e = g75b u*d = c20v
contrast reduction factor:
cR = 0.9
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 54 −15 −32
LAB*LCH*Ma: 54 36 244
lab*rgb*Ma: 0.0 0.5 1.0
lab*olv*Ma: 0.0 0.8 1.0
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hlab/360 = 0.755
u*e = b00r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*e = b00r u*d = c53v
contrast reduction factor:
cR = 0.9
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 46 1 −38
LAB*LCH*Ma: 46 38 271
lab*rgb*Ma: 0.0 0.0 1.0
lab*olv*Ma: 0.0 0.47 1.0
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hlab/360 = 0.834
u*e = b25r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*e = b25r u*d = c87v
contrast reduction factor:
cR = 0.9
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 34 27 −47
LAB*LCH*Ma: 34 54 300
lab*rgb*Ma: 0.5 0.0 1.0
lab*olv*Ma: 0.0 0.13 1.0
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hlab/360 = 0.913
u*e = b50r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*e = b50r u*d = v67m
contrast reduction factor:
cR = 0.9
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 39 62 −38
LAB*LCH*Ma: 39 73 328
lab*rgb*Ma: 1.0 0.0 1.0
lab*olv*Ma: 0.68 0.0 1.0
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hlab/360 = 0.992
u*e = b75r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*e = b75r u*d = m33o
contrast reduction factor:
cR = 0.9
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 45 64 −3
LAB*LCH*Ma: 45 64 357
lab*rgb*Ma: 1.0 0.0 0.5
lab*olv*Ma: 1.0 0.0 0.66
FRS12_95a; adapted (a) CIELAB data
%Gamut
u*sol = 88
%Regularity
g*IL,rel = 31
g*C,rel = 39
brilliantness i*
relative chroma c*

Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$ — u^*_e = g00b

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = g00b u^*_d = l23c
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*

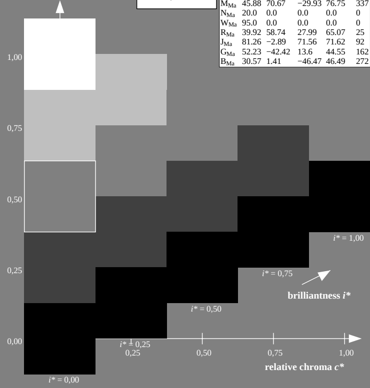


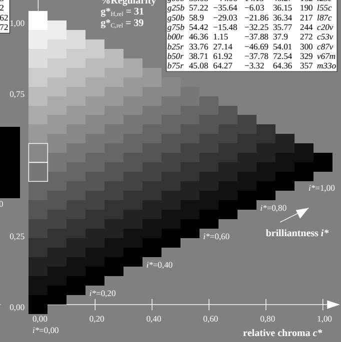
FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 −44 14
$LAB^*LCH^*_{Ma}$: 55 46 162
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.23
triangle lightness t^*

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

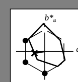
FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$ — u^*_e = g25b

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = g25b u^*_d = l55c
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*

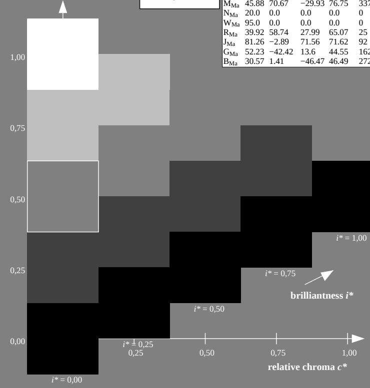


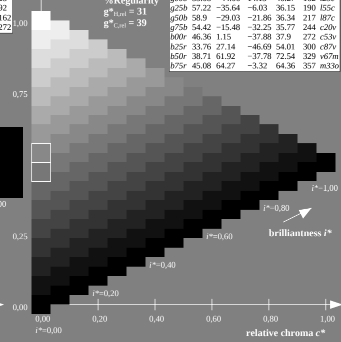
FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −36 −6
$LAB^*LCH^*_{Ma}$: 57 36 189
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
$lab^*olv^*_{Ma}$: 0.0 1.0 0.55
triangle lightness t^*

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

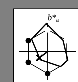
FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$ — u^*_e = g50b

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = g50b u^*_d = l87c
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*

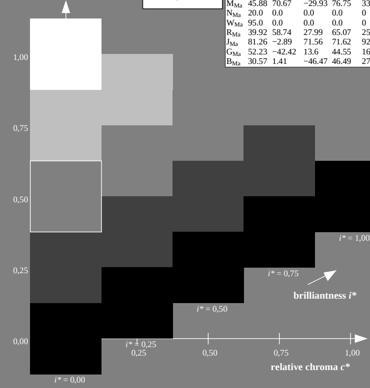


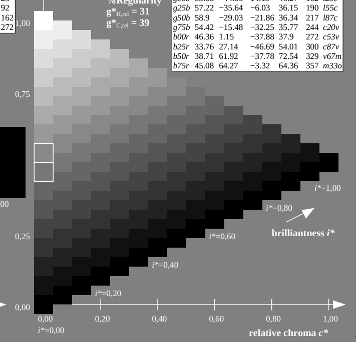
FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 59 −29 −22
$LAB^*LCH^*_{Ma}$: 59 36 216
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.88
triangle lightness t^*

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

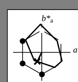
FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$ — u^*_e = g75b

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = g75b u^*_d = c20v
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*

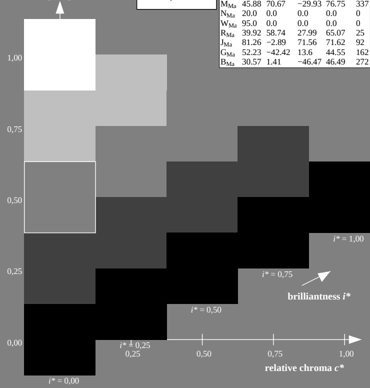


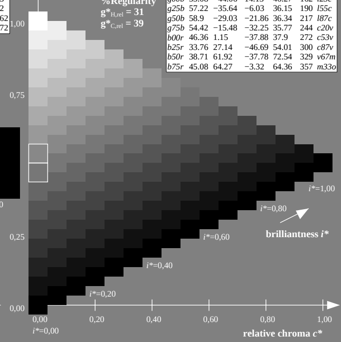
FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −15 −32
$LAB^*LCH^*_{Ma}$: 54 36 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t^*

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

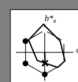
FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$ — u^*_e = b00r

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = b00r u^*_d = c53v
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*

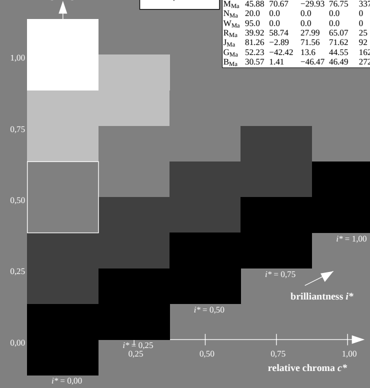


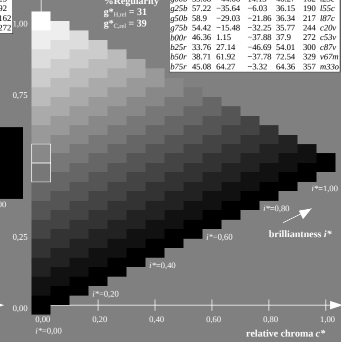
FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 46 1 −38
$LAB^*LCH^*_{Ma}$: 46 38 271
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.47 1.0
triangle lightness t^*

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

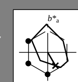
FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$ — u^*_e = b25r

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = b25r u^*_d = c87v
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*

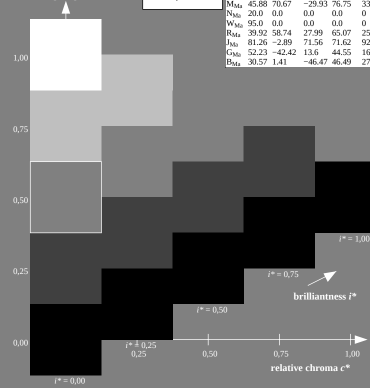


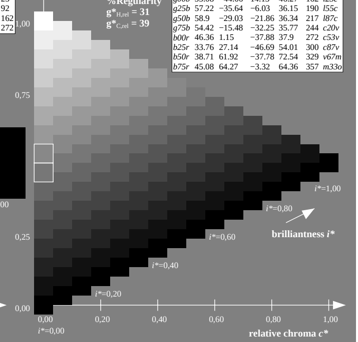
FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 34 27 −47
$LAB^*LCH^*_{Ma}$: 34 54 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.13 1.0
triangle lightness t^*

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

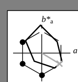
FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$ — u^*_e = b50r

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = b50r u^*_d = v67m
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*

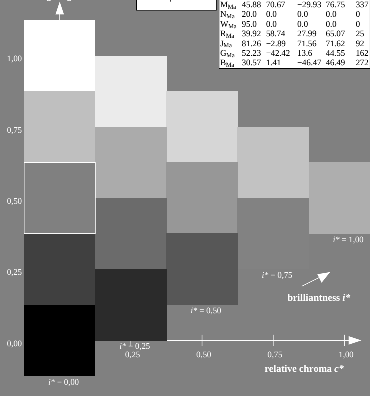


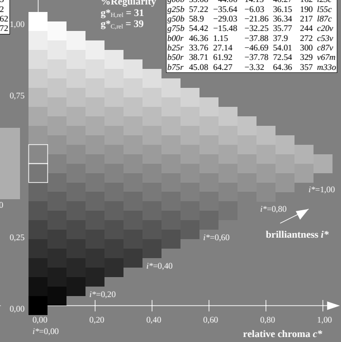
FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 62 −38
$LAB^*LCH^*_{Ma}$: 39 73 328
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.68 0.0 1.0
triangle lightness t^*

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

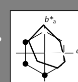
FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$ — u^*_e = b75r

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = b75r u^*_d = m33o
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*

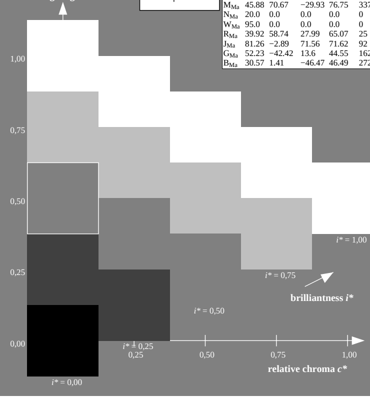


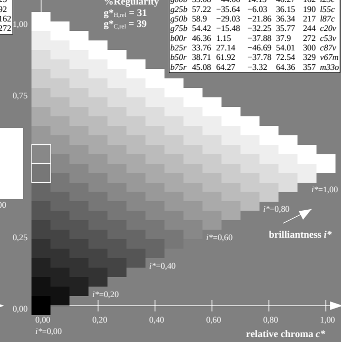
FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

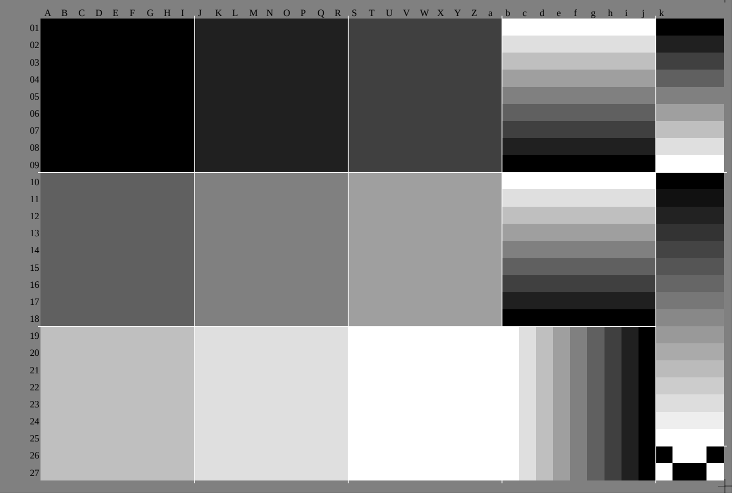
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 45 64 −3
$LAB^*LCH^*_{Ma}$: 45 64 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.66
triangle lightness t^*

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o

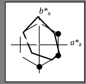






Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$ — $u^*_e = g00b$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g00b$ $u^*_d = l23c$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



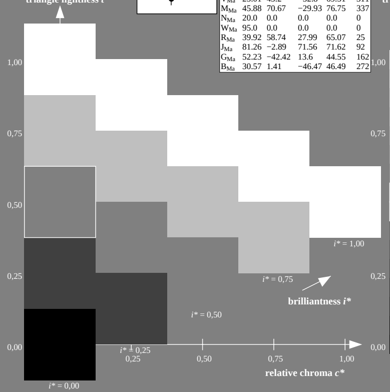
FRS12_95a; adapted (a) CIELAB data

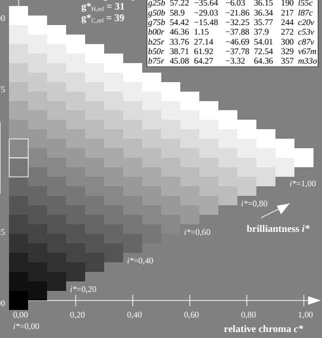
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 −44 14
$LAB^*LCH^*_{Ma}$: 55 46 162
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.23
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

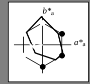
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$ — $u^*_e = g25b$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g25b$ $u^*_d = l55c$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



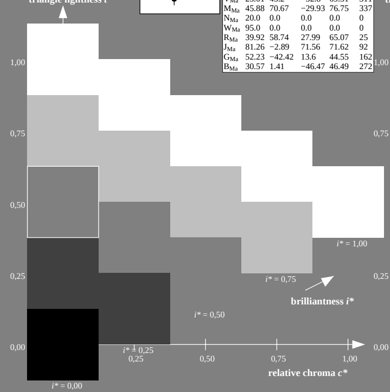
FRS12_95a; adapted (a) CIELAB data

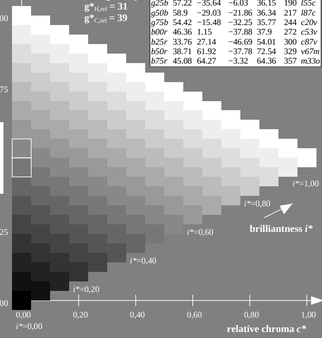
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −36 −6
$LAB^*LCH^*_{Ma}$: 57 36 189
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
$lab^*olv^*_{Ma}$: 0.0 1.0 0.55
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

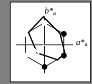
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$ — $u^*_e = g50b$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g50b$ $u^*_d = l87c$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



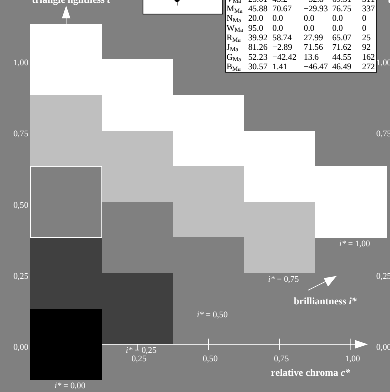
FRS12_95a; adapted (a) CIELAB data

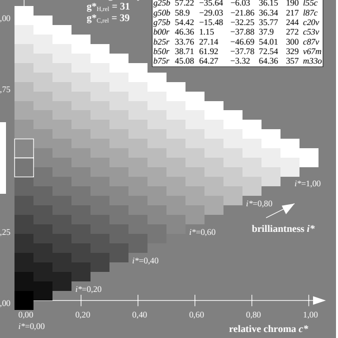
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 59 −29 −22
$LAB^*LCH^*_{Ma}$: 59 36 216
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.88
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

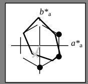
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$ — $u^*_e = g75b$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



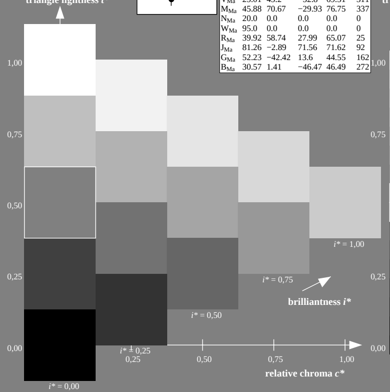
FRS12_95a; adapted (a) CIELAB data

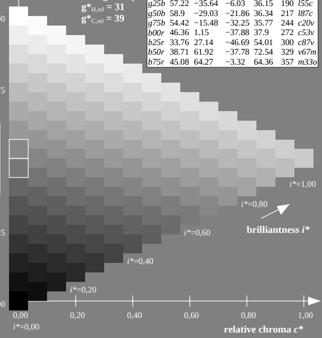
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −15 −32
$LAB^*LCH^*_{Ma}$: 54 36 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

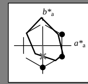
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$ — $u^*_e = b00r$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b00r$ $u^*_d = c53v$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



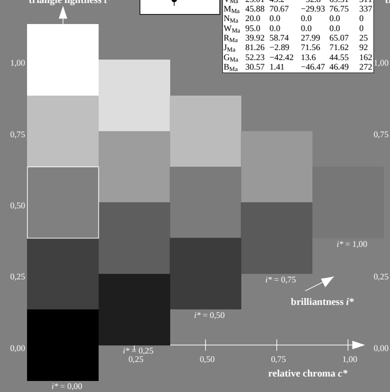
FRS12_95a; adapted (a) CIELAB data

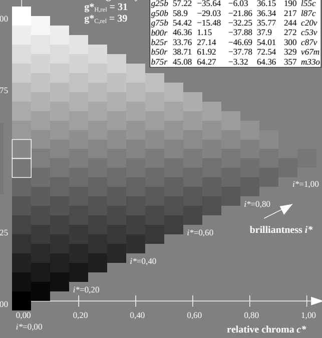
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 46 1 −38
$LAB^*LCH^*_{Ma}$: 46 38 271
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.47 1.0
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

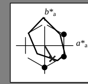
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$ — $u^*_e = b25r$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b25r$ $u^*_d = c87v$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



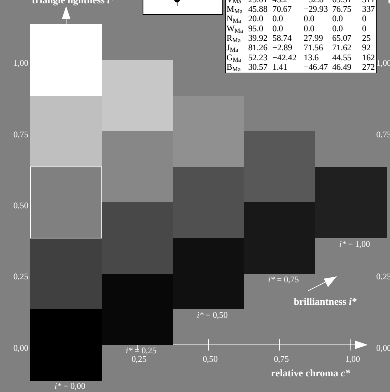
FRS12_95a; adapted (a) CIELAB data

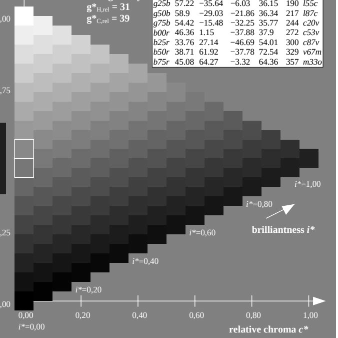
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 34 27 −47
$LAB^*LCH^*_{Ma}$: 34 54 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.13 1.0
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

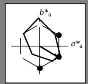
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$ — $u^*_e = b50r$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b50r$ $u^*_d = v67m$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



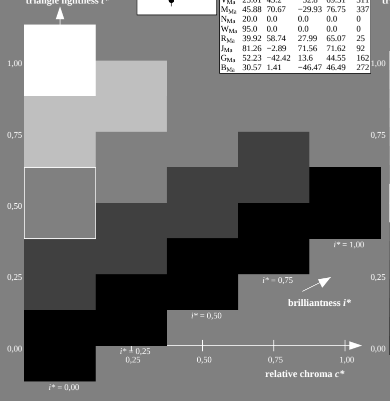
FRS12_95a; adapted (a) CIELAB data

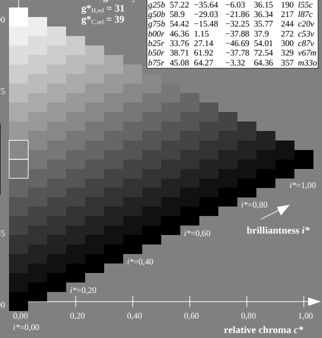
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 62 −38
$LAB^*LCH^*_{Ma}$: 39 73 328
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.68 0.0 1.0
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

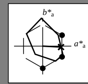
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o





Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$ — $u^*_e = b75r$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b75r$ $u^*_d = m33o$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



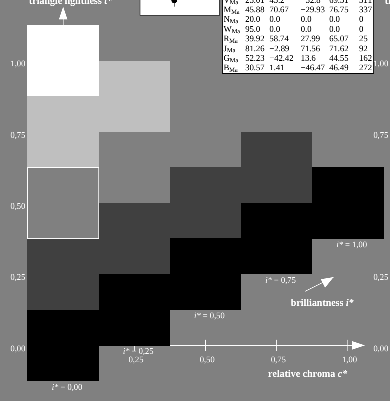
FRS12_95a; adapted (a) CIELAB data

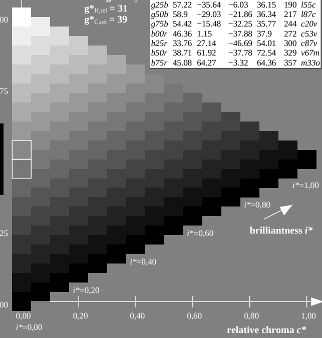
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

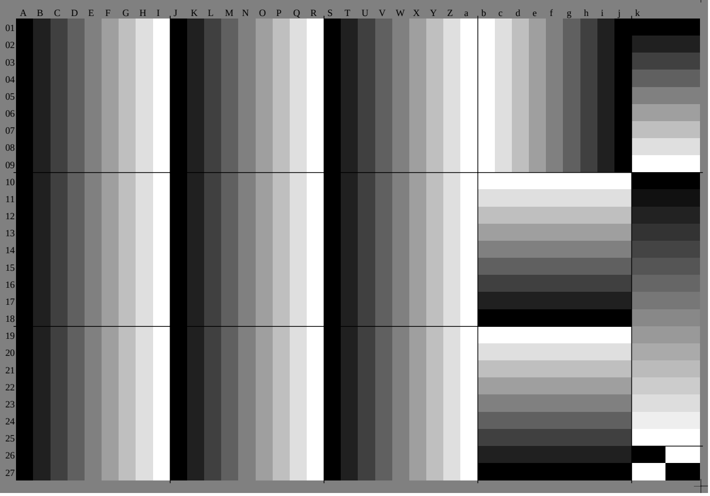
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 45 64 −3
$LAB^*LCH^*_{Ma}$: 45 64 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.66
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o

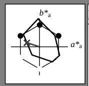






Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$ $u^*_e = g00b$

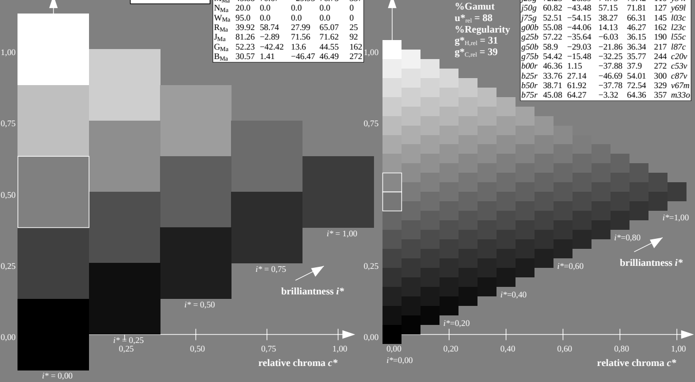
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g00b$ $u^*_d = l23c$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

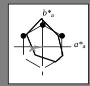
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 −44 14
$LAB^*LCH^*_{Ma}$: 55 46 162
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.23
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$ $u^*_e = g25b$

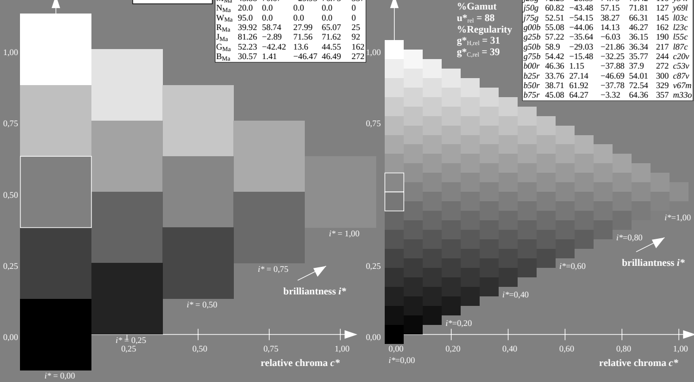
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g25b$ $u^*_d = l55c$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

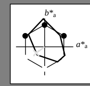
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −36 −6
$LAB^*LCH^*_{Ma}$: 57 36 189
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
$lab^*olv^*_{Ma}$: 0.0 1.0 0.55
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$ $u^*_e = g50b$

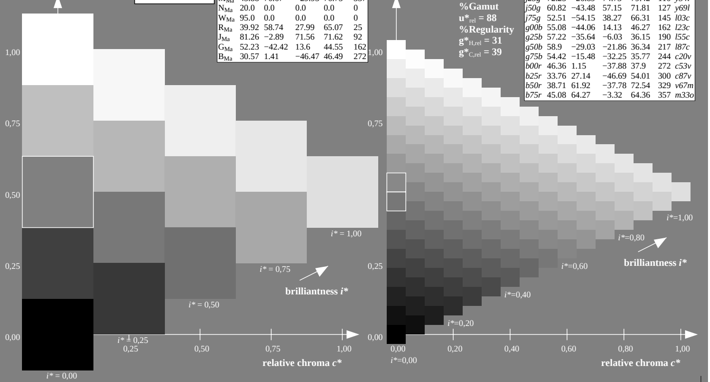
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g50b$ $u^*_d = l87c$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

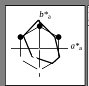
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 59 −29 −22
$LAB^*LCH^*_{Ma}$: 59 36 216
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.88
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$ $u^*_e = g75b$

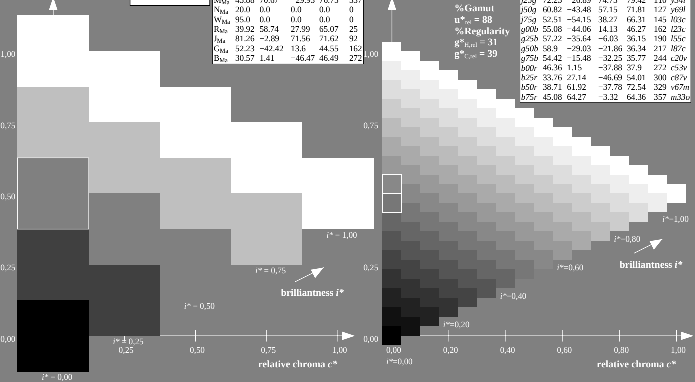
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

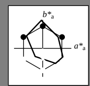
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −15 −32
$LAB^*LCH^*_{Ma}$: 54 36 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$ $u^*_e = b00r$

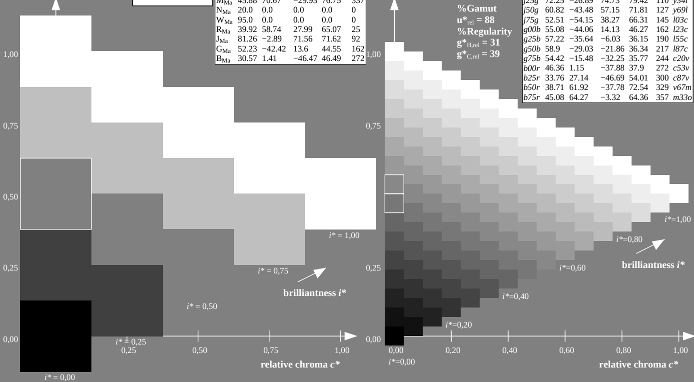
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b00r$ $u^*_d = c53v$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

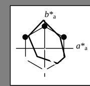
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 46 1 −38
$LAB^*LCH^*_{Ma}$: 46 38 271
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.47 1.0
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$ $u^*_e = b25r$

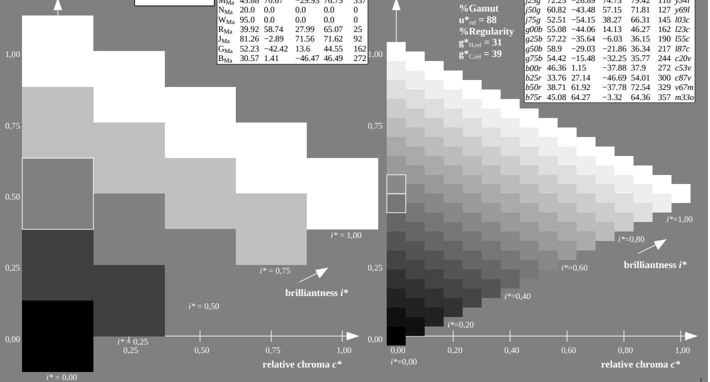
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b25r$ $u^*_d = c87v$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

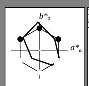
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 34 27 −47
$LAB^*LCH^*_{Ma}$: 34 54 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.13 1.0
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$ $u^*_e = b50r$

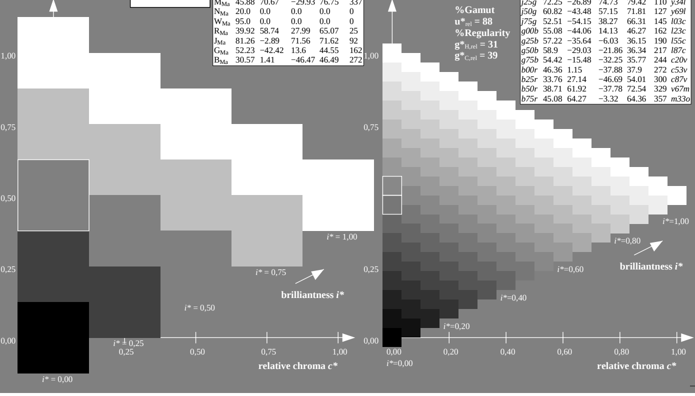
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b50r$ $u^*_d = v67m$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

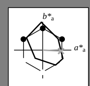
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 62 −38
$LAB^*LCH^*_{Ma}$: 39 73 328
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.68 0.0 1.0
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$ $u^*_e = b75r$

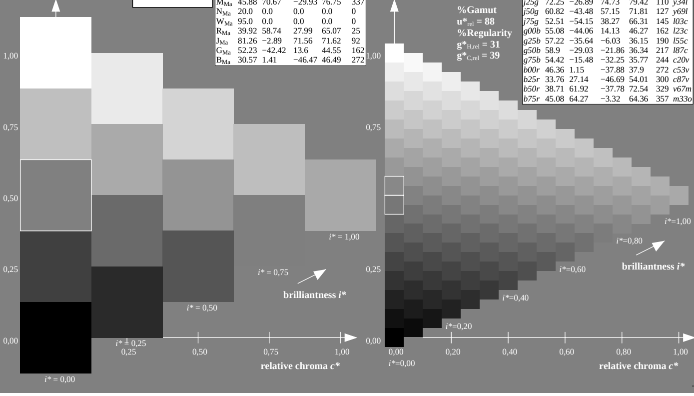
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b75r$ $u^*_d = m33o$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*

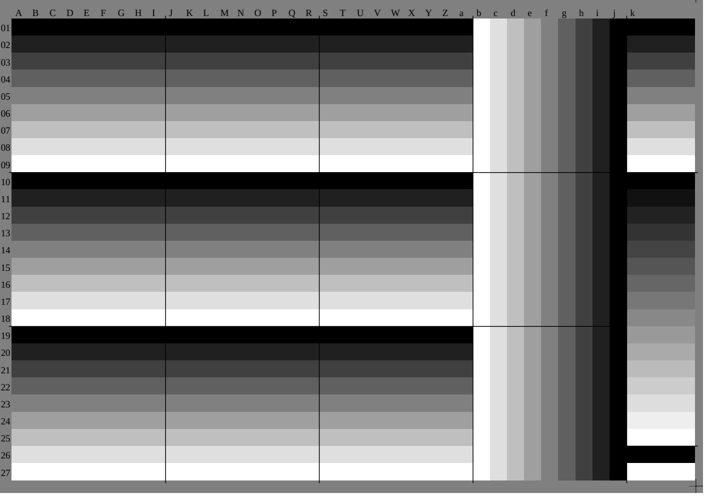


FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{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

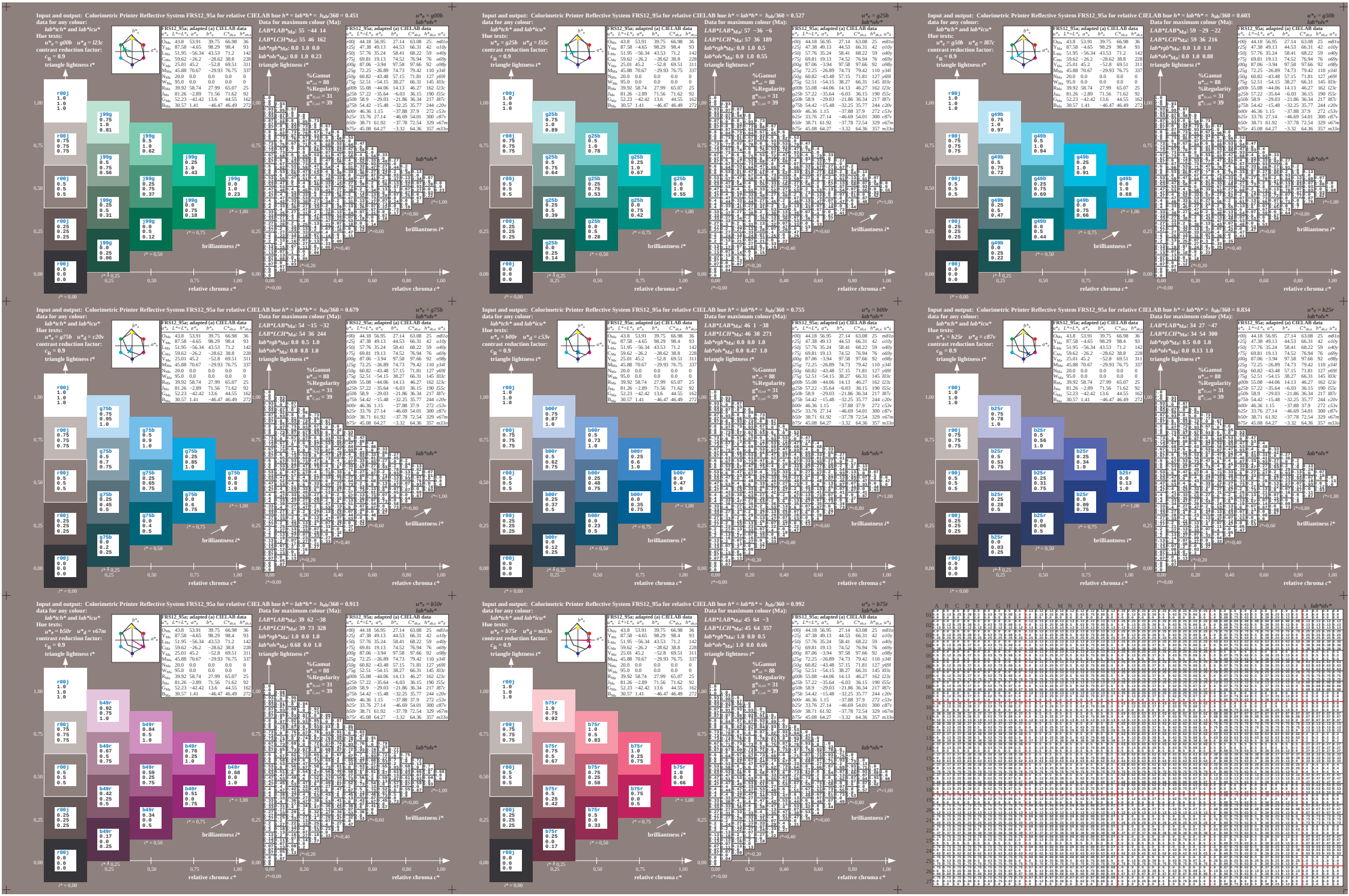
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 45 64 −3
$LAB^*LCH^*_{Ma}$: 45 64 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.66
triangle lightness t^*
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o
r25j	47.38	49.13	44.53	66.31	42	o10y
r50j	57.76	35.24	58.41	68.22	59	o40y
r75j	69.81	19.13	74.52	76.94	76	o69y
j00g	87.06	−3.94	97.58	97.66	92	o98y
j25g	72.25	−26.89	74.73	79.42	110	y34l
j50g	60.82	−43.48	57.15	71.81	127	y69l
j75g	52.51	−54.15	38.27	66.31	145	l03c
g00b	55.08	−44.06	14.13	46.27	162	l23c
g25b	57.22	−35.64	−6.03	36.15	190	l55c
g50b	58.9	−29.03	−21.86	36.34	217	l87c
g75b	54.42	−15.48	−32.25	35.77	244	c20v
b00r	46.36	1.15	−37.88	37.9	272	c53v
b25r	33.76	27.14	−46.69	54.01	300	c87v
b50r	38.71	61.92	−37.78	72.54	329	v67m
b75r	45.08	64.27	−3.32	64.36	357	m33o

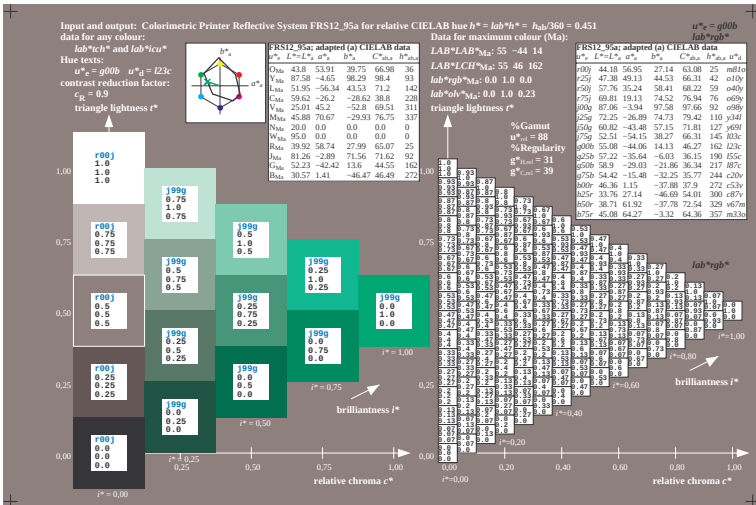




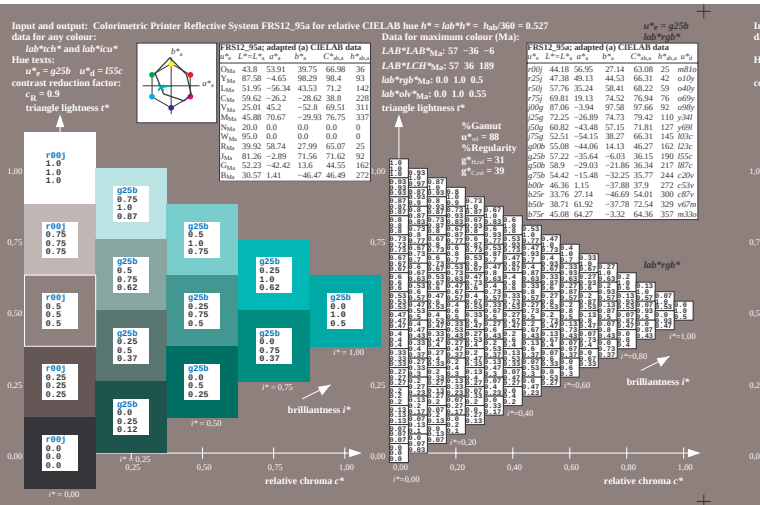
Black separation empty


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.451
data for any colour: lab*ch* and lab*icu*
Hue texts: u*c = g00b u*d = I23c
contrast reduction factor: cR = 0.9
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 55 −44 14 LAB*LCH*Ma: 55 46 162 lab*rgb*Ma: 0.0 1.0 0.0 lab*olv*Ma: 0.0 1.0 0.23
u*e = g00b lab*olv*
%Gamut u*sol = 88 %Regularity g*TLnt = 31 g*CLnt = 39
FRS12_95a; adapted (a) CIELAB data
lab*olv*
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.527
Data for maximum colour (Ma): LAB*LAB*Ma: 57 −36 −6 LAB*LCH*Ma: 57 36 189 lab*rgb*Ma: 0.0 1.0 0.5 lab*olv*Ma: 0.0 1.0 0.55
u*e = g25b lab*olv*
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.603
Data for maximum colour (Ma): LAB*LAB*Ma: 59 −29 −22 LAB*LCH*Ma: 59 36 216 lab*rgb*Ma: 0.0 1.0 1.0 lab*olv*Ma: 0.0 1.0 0.88
u*e = g50b lab*olv*
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.679
Data for maximum colour (Ma): LAB*LAB*Ma: 54 −15 −32 LAB*LCH*Ma: 54 36 244 lab*rgb*Ma: 0.0 0.5 1.0 lab*olv*Ma: 0.0 0.8 1.0
u*e = g75b lab*olv*
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.755
Data for maximum colour (Ma): LAB*LAB*Ma: 46 1 −38 LAB*LCH*Ma: 46 38 271 lab*rgb*Ma: 0.0 0.0 1.0 lab*olv*Ma: 0.0 0.47 1.0
u*e = b00r lab*olv*
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.834
Data for maximum colour (Ma): LAB*LAB*Ma: 34 27 −47 LAB*LCH*Ma: 34 54 300 lab*rgb*Ma: 0.5 0.0 1.0 lab*olv*Ma: 0.0 0.13 1.0
u*e = b25r lab*olv*
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.913
Data for maximum colour (Ma): LAB*LAB*Ma: 39 62 −38 LAB*LCH*Ma: 39 73 328 lab*rgb*Ma: 1.0 0.0 1.0 lab*olv*Ma: 0.68 0.0 1.0
u*e = b50r lab*olv*
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.992
Data for maximum colour (Ma): LAB*LAB*Ma: 45 64 −3 LAB*LCH*Ma: 45 64 357 lab*rgb*Ma: 1.0 0.0 0.5 lab*olv*Ma: 1.0 0.0 0.66
u*e = b75r lab*olv*

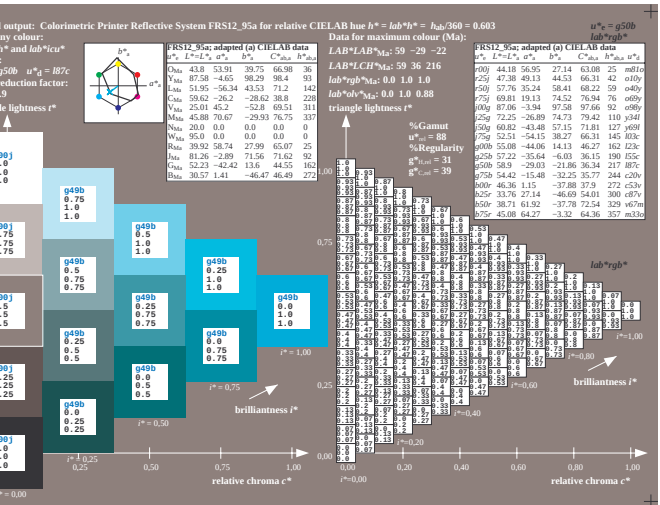
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.451$ — $u^*_c = g00b$ (lab*rgb*)
data for any colour: lab*ch* and lab*icu*
Hue texts: $u^*_T = g00b$ $u^*_{\Delta} = I23c$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): LAB*LAB*Ma: 55 −44 14; LAB*LCH*Ma: 55 46 162; lab*rgb*Ma: 0.0 1.0 0.0; lab*olv*Ma: 0.0 1.0 0.23



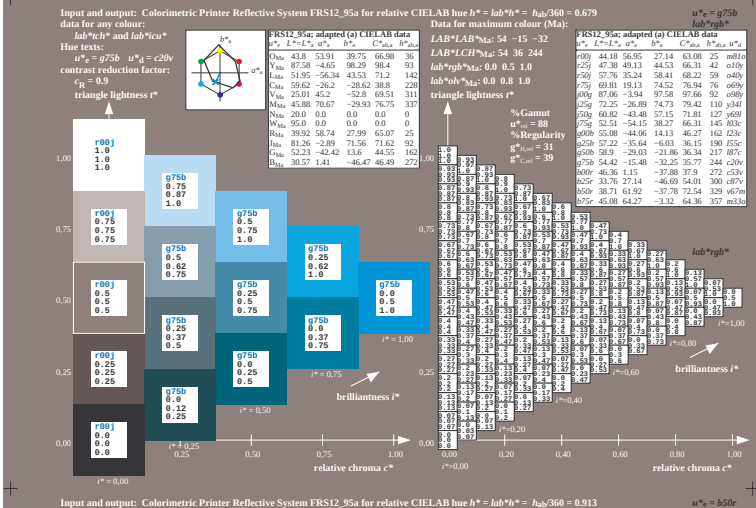
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.527$ — $u^*_c = g25b$ (lab*rgb*)
data for any colour: lab*ch* and lab*icu*
Hue texts: $u^*_T = g25b$ $u^*_{\Delta} = I55c$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): LAB*LAB*Ma: 57 −36 −6; LAB*LCH*Ma: 57 36 189; lab*rgb*Ma: 0.0 1.0 0.5; lab*olv*Ma: 0.0 1.0 0.55



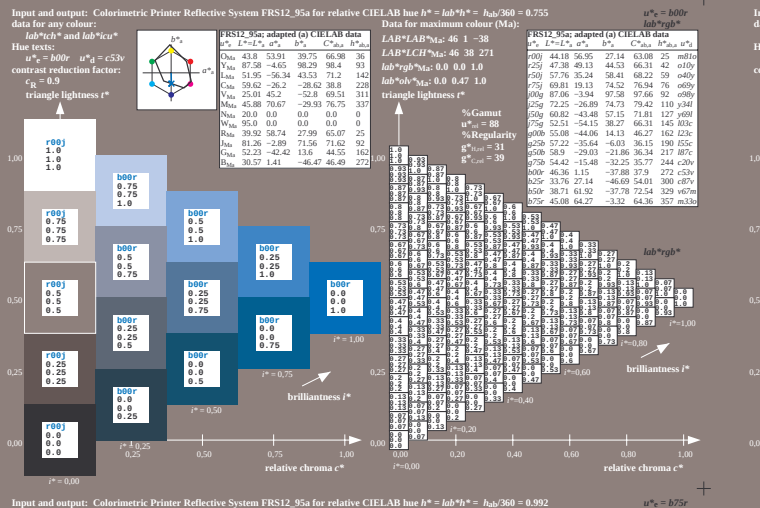
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.603$ — $u^*_c = g50b$ (lab*rgb*)
data for any colour: lab*ch* and lab*icu*
Hue texts: $u^*_T = g50b$ $u^*_{\Delta} = I87c$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): LAB*LAB*Ma: 59 −29 −22; LAB*LCH*Ma: 59 36 216; lab*rgb*Ma: 0.0 1.0 1.0; lab*olv*Ma: 0.0 1.0 0.88



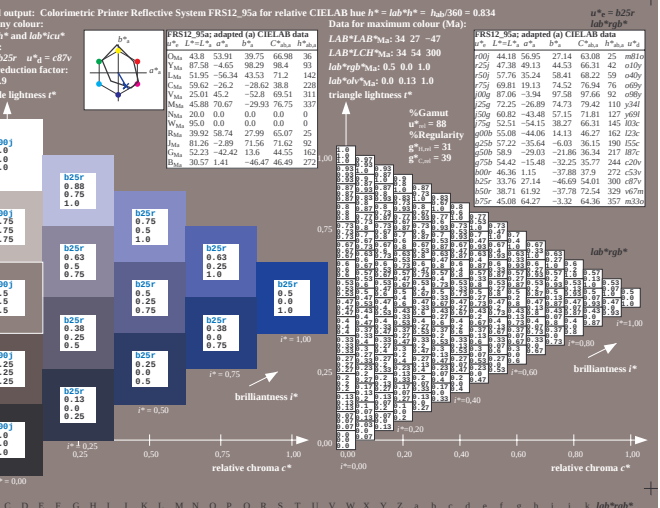
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.679$ — $u^*_c = g75b$ (lab*rgb*)
data for any colour: lab*ch* and lab*icu*
Hue texts: $u^*_T = g75b$ $u^*_{\Delta} = c20v$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): LAB*LAB*Ma: 54 −15 −32; LAB*LCH*Ma: 54 36 244; lab*rgb*Ma: 0.0 0.5 1.0; lab*olv*Ma: 0.0 0.8 1.0



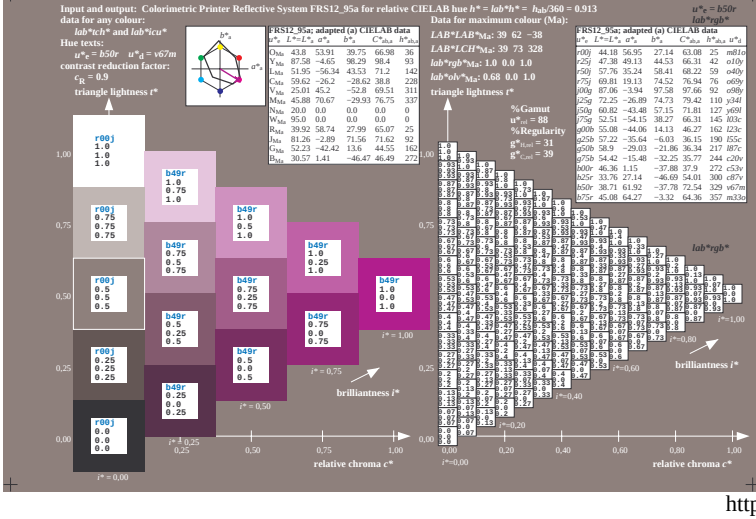
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.755$ — $u^*_c = b00r$ (lab*rgb*)
data for any colour: lab*ch* and lab*icu*
Hue texts: $u^*_T = b00r$ $u^*_{\Delta} = c53v$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): LAB*LAB*Ma: 46 1 −38; LAB*LCH*Ma: 46 38 271; lab*rgb*Ma: 0.0 0.0 1.0; lab*olv*Ma: 0.0 0.47 1.0



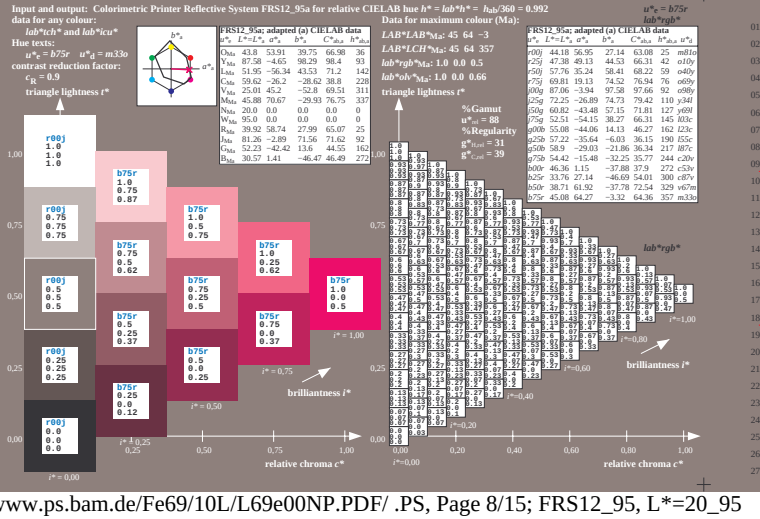
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.834$ — $u^*_c = b25r$ (lab*rgb*)
data for any colour: lab*ch* and lab*icu*
Hue texts: $u^*_T = b25r$ $u^*_{\Delta} = c87v$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): LAB*LAB*Ma: 34 27 −47; LAB*LCH*Ma: 34 54 300; lab*rgb*Ma: 0.5 0.0 1.0; lab*olv*Ma: 0.0 0.13 1.0

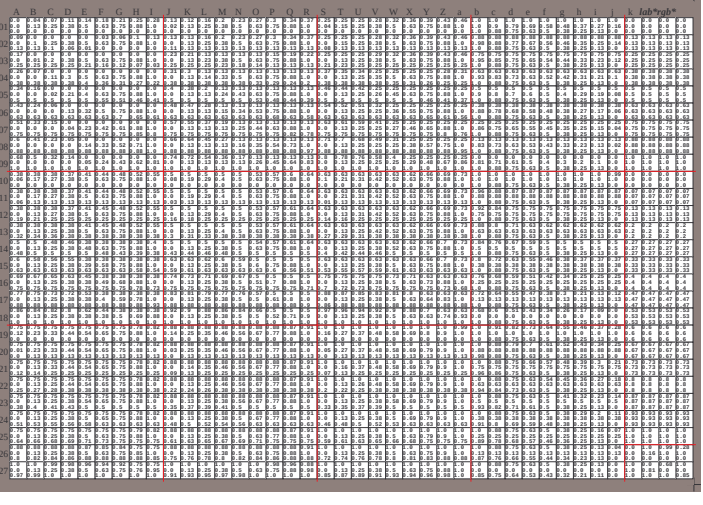


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.913$ — $u^*_c = b50r$ (lab*rgb*)
data for any colour: lab*ch* and lab*icu*
Hue texts: $u^*_T = b50r$ $u^*_{\Delta} = v67m$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): LAB*LAB*Ma: 39 62 −38; LAB*LCH*Ma: 39 73 328; lab*rgb*Ma: 1.0 0.0 1.0; lab*olv*Ma: 0.68 0.0 1.0



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.992$ — $u^*_c = b75r$ (lab*rgb*)
data for any colour: lab*ch* and lab*icu*
Hue texts: $u^*_T = b75r$ $u^*_{\Delta} = m33o$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): LAB*LAB*Ma: 45 64 −3; LAB*LCH*Ma: 45 64 357; lab*rgb*Ma: 1.0 0.0 0.5; lab*olv*Ma: 1.0 0.0 0.66





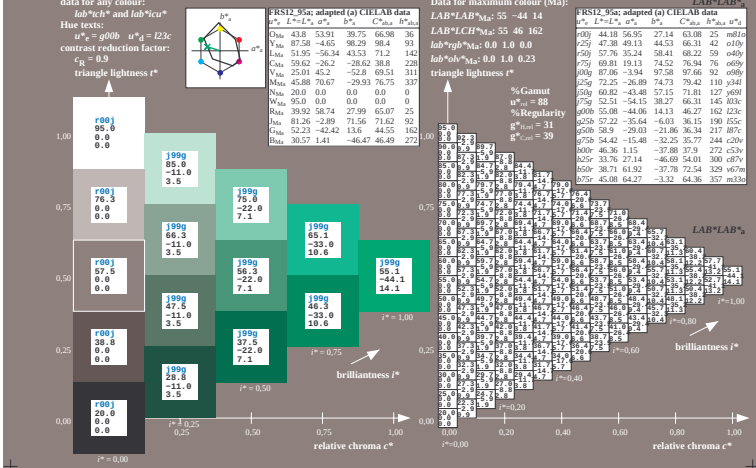
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.451$ $u^*_c = g00b$ $LAB^*LAB^*_a$

data for any colour: *lab*ch** and *lab*icu**

Hue texts: $u^*_c = g00b$ $u^*_d = I23c$

contrast reduction factor: $c_{lg} = 0.9$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 55 −44 14 $LAB^*LCH^*_{Ma}$: 55 46 162 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.23



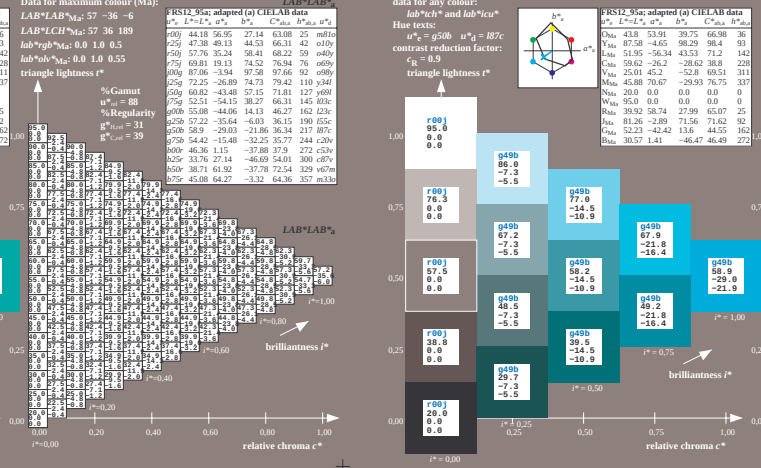
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.527$ $u^*_c = g25b$ $LAB^*LAB^*_a$

data for any colour: *lab*ch** and *lab*icu**

Hue texts: $u^*_c = g25b$ $u^*_d = I55c$

contrast reduction factor: $c_{lg} = 0.9$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 57 −36 −6 $LAB^*LCH^*_{Ma}$: 57 36 189 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5 $lab^*olv^*_{Ma}$: 0.0 1.0 0.55



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.603$ $u^*_c = g50b$ $LAB^*LAB^*_a$

data for any colour: *lab*ch** and *lab*icu**

Hue texts: $u^*_c = g50b$ $u^*_d = I87c$

contrast reduction factor: $c_{lg} = 0.9$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 59 −29 −22 $LAB^*LCH^*_{Ma}$: 59 36 216 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.88

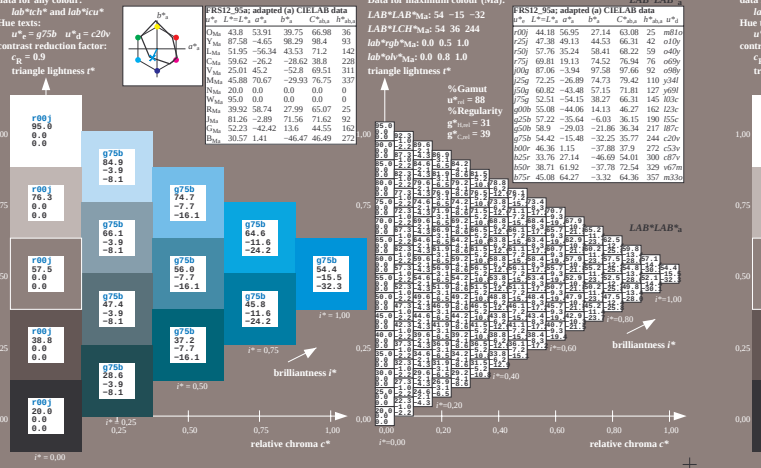
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.679$ $u^*_c = g75b$ $LAB^*LAB^*_a$

data for any colour: *lab*ch** and *lab*icu**

Hue texts: $u^*_c = g75b$ $u^*_d = c20v$

contrast reduction factor: $c_{lg} = 0.9$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 54 −15 −32 $LAB^*LCH^*_{Ma}$: 54 36 244 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0 $lab^*olv^*_{Ma}$: 0.0 0.8 1.0



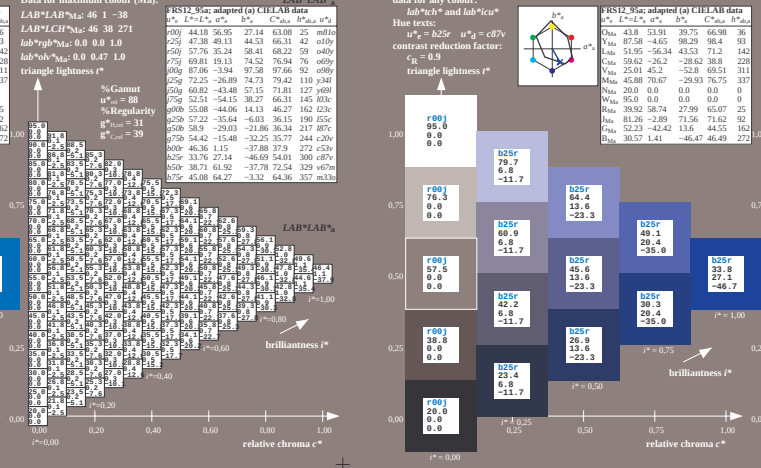
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.755$ $u^*_c = b00r$ $LAB^*LAB^*_a$

data for any colour: *lab*ch** and *lab*icu**

Hue texts: $u^*_c = b00r$ $u^*_d = c53v$

contrast reduction factor: $c_{lg} = 0.9$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 46 1 −38 $LAB^*LCH^*_{Ma}$: 46 38 271 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.0 0.47 1.0



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.834$ $u^*_c = b25r$ $LAB^*LAB^*_a$

data for any colour: *lab*ch** and *lab*icu**

Hue texts: $u^*_c = b25r$ $u^*_d = c87v$

contrast reduction factor: $c_{lg} = 0.9$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 34 27 −47 $LAB^*LCH^*_{Ma}$: 34 54 300 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0 $lab^*olv^*_{Ma}$: 0.0 0.13 1.0

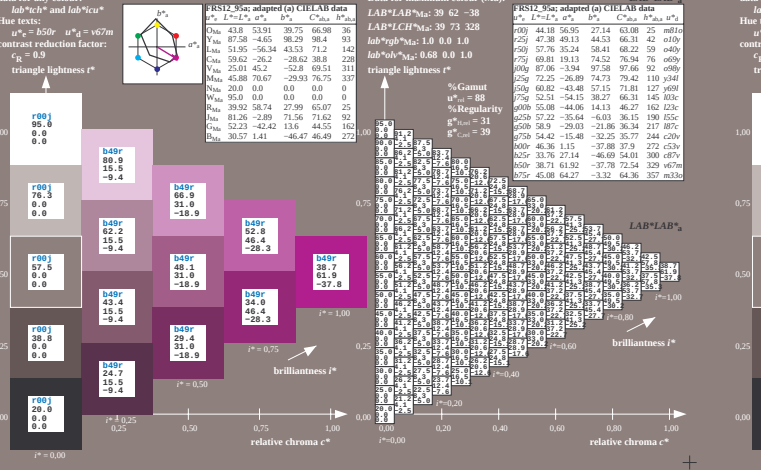
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.913$ $u^*_c = b50r$ $LAB^*LAB^*_a$

data for any colour: *lab*ch** and *lab*icu**

Hue texts: $u^*_c = b50r$ $u^*_d = v67m$

contrast reduction factor: $c_{lg} = 0.9$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 39 62 −38 $LAB^*LCH^*_{Ma}$: 39 73 328 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.68 0.0 1.0



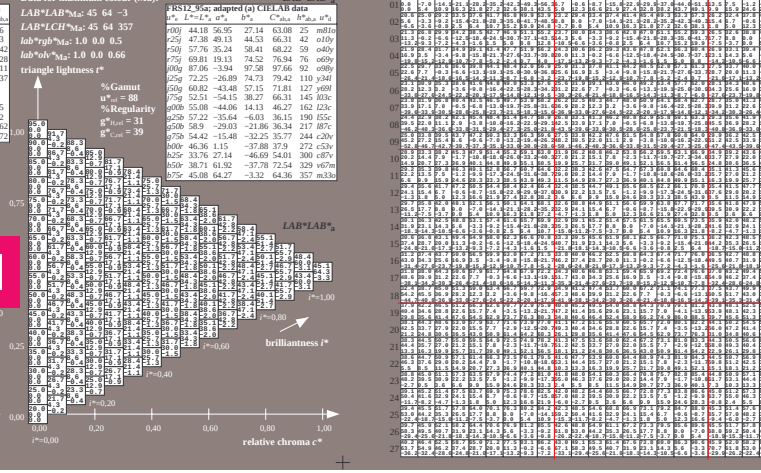
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.992$ $u^*_c = b75r$ $LAB^*LAB^*_a$

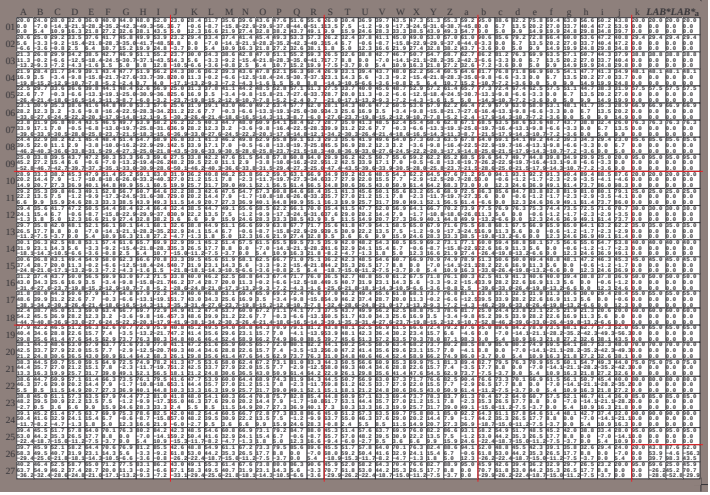
data for any colour: *lab*ch** and *lab*icu**

Hue texts: $u^*_c = b75r$ $u^*_d = m33o$

contrast reduction factor: $c_{lg} = 0.9$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 45 64 −3 $LAB^*LCH^*_{Ma}$: 45 64 357 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5 $lab^*olv^*_{Ma}$: 1.0 0.0 0.66



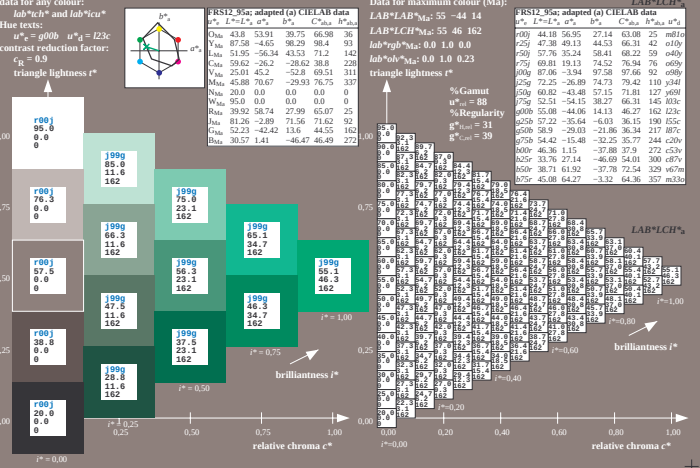


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.451 — u^*_c = $g00b$ $LAB^*LCH^*_a$

data for any colour: lab^*ch^* and lab^*icu^* — Hue texts: u^*_c = $g00b$ u^*_d = $I23c$ — contrast reduction factor: c_{lR} = 0.9 — triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 55 −44 14; $LAB^*LCH^*_{Ma}$: 55 46 162; $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0; $lab^*olv^*_{Ma}$: 0.0 1.0 0.23

%Gamut u^*_{out} = 88; %Regularity g^*_{FLnt} = 31, $g^*_{C,int}$ = 39

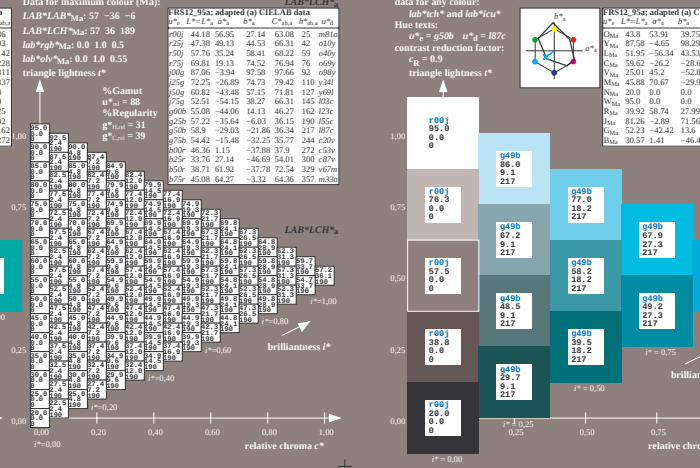


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.527 — u^*_c = $g25b$ $LAB^*LCH^*_a$

data for any colour: lab^*ch^* and lab^*icu^* — Hue texts: u^*_c = $g25b$ u^*_d = $I55c$ — contrast reduction factor: c_{lR} = 0.9 — triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 57 −36 −6; $LAB^*LCH^*_{Ma}$: 57 36 189; $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5; $lab^*olv^*_{Ma}$: 0.0 1.0 0.55

%Gamut u^*_{out} = 88; %Regularity g^*_{FLnt} = 31, $g^*_{C,int}$ = 39



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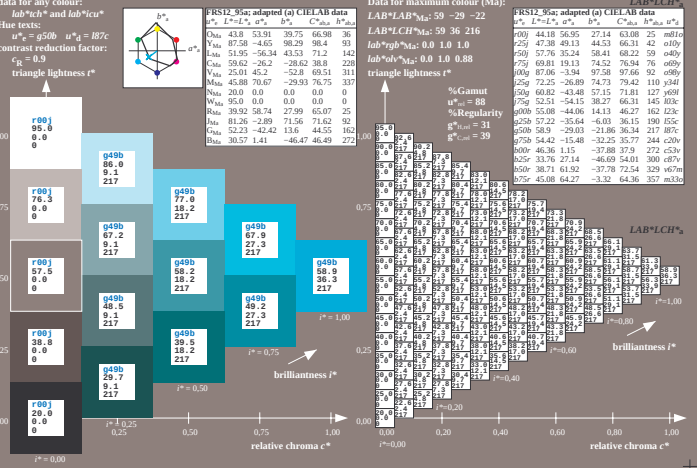
data for any colour: lab^*ch^* and lab^*icu^* — Hue texts: u^*_c = $g50b$ u^*_d = $I87c$ — contrast reduction factor: c_{lR} = 0.9 — triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 59 −29 −22; $LAB^*LCH^*_{Ma}$: 59 36 216; $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0; $lab^*olv^*_{Ma}$: 0.0 1.0 0.88

%Gamut u^*_{out} = 88; %Regularity g^*_{FLnt} = 31, $g^*_{C,int}$ = 39

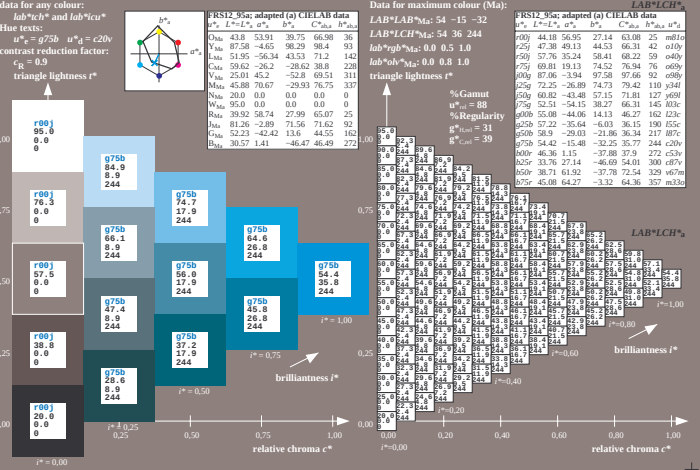


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.679 — u^*_c = $g75b$ $LAB^*LCH^*_a$

data for any colour: lab^*ch^* and lab^*icu^* — Hue texts: u^*_c = $g75b$ u^*_d = $c20v$ — contrast reduction factor: c_{lR} = 0.9 — triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 54 −15 −32; $LAB^*LCH^*_{Ma}$: 54 36 244; $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0; $lab^*olv^*_{Ma}$: 0.0 0.8 1.0

%Gamut u^*_{out} = 88; %Regularity g^*_{FLnt} = 31, $g^*_{C,int}$ = 39

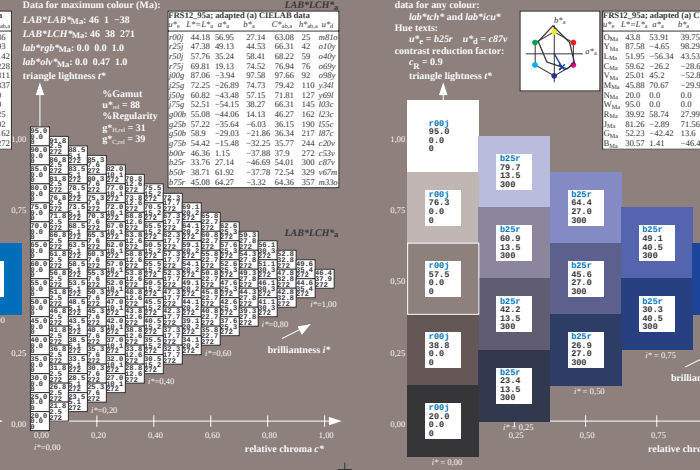


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.755 — u^*_c = $b00r$ $LAB^*LCH^*_a$

data for any colour: lab^*ch^* and lab^*icu^* — Hue texts: u^*_c = $b00r$ u^*_d = $c53v$ — contrast reduction factor: c_{lR} = 0.9 — triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 46 1 −38; $LAB^*LCH^*_{Ma}$: 46 38 271; $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0; $lab^*olv^*_{Ma}$: 0.0 0.47 1.0

%Gamut u^*_{out} = 88; %Regularity g^*_{FLnt} = 31, $g^*_{C,int}$ = 39

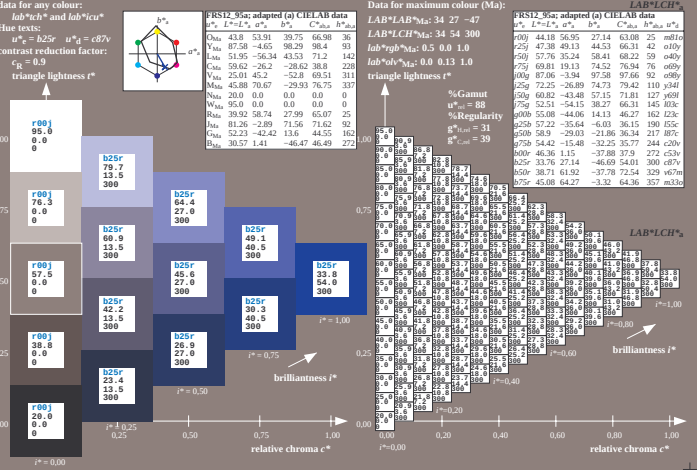


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.834 — u^*_c = $b25r$ $LAB^*LCH^*_a$

data for any colour: lab^*ch^* and lab^*icu^* — Hue texts: u^*_c = $b25r$ u^*_d = $c87v$ — contrast reduction factor: c_{lR} = 0.9 — triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 34 27 −47; $LAB^*LCH^*_{Ma}$: 34 54 300; $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0; $lab^*olv^*_{Ma}$: 0.0 0.13 1.0

%Gamut u^*_{out} = 88; %Regularity g^*_{FLnt} = 31, $g^*_{C,int}$ = 39



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.913 — u^*_c = $b50r$ $LAB^*LCH^*_a$

data for any colour: lab^*ch^* and lab^*icu^* — Hue texts: u^*_c = $b50r$ u^*_d = $v67m$ — contrast reduction factor: c_{lR} = 0.9 — triangle lightness t^*

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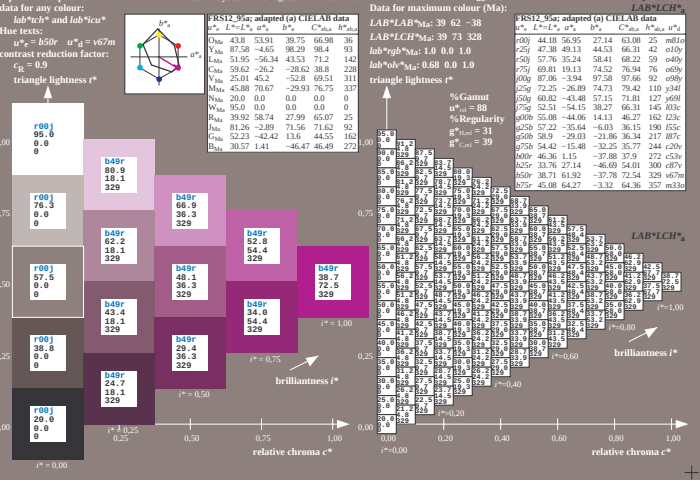
%Gamut u^*_{out} = 88; %Regularity g^*_{FLnt} = 31, $g^*_{C,int}$ = 39

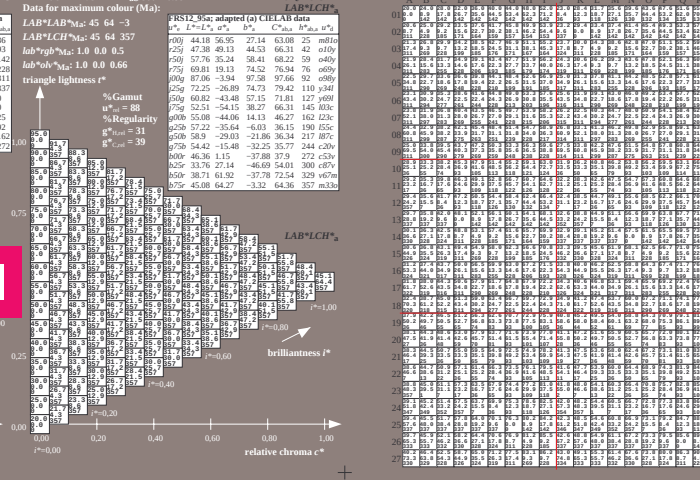


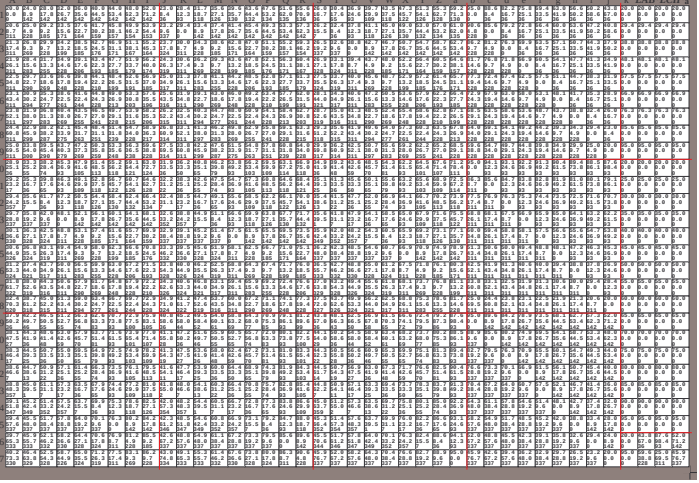
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.992 — u^*_c = $b75r$ $LAB^*LCH^*_a$

data for any colour: lab^*ch^* and lab^*icu^* — Hue texts: u^*_c = $b75r$ u^*_d = $m33o$ — contrast reduction factor: c_{lR} = 0.9 — triangle lightness t^*

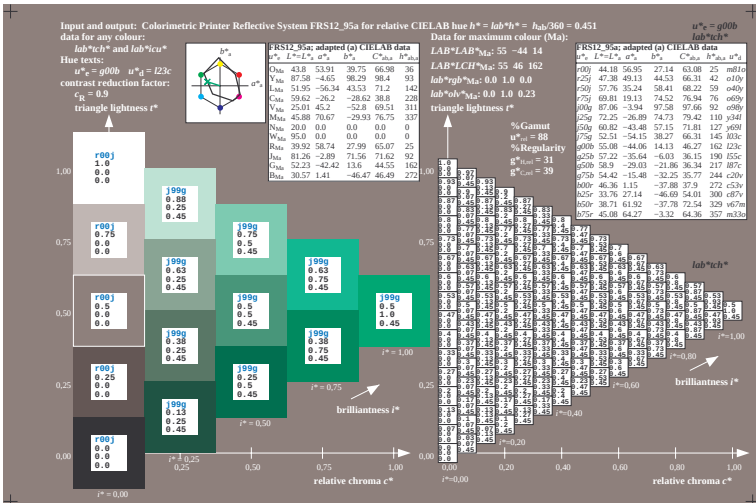
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 45 64 −3; $LAB^*LCH^*_{Ma}$: 45 64 357; $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5; $lab^*olv^*_{Ma}$: 1.0 0.0 0.66

%Gamut u^*_{out} = 88; %Regularity g^*_{FLnt} = 31, $g^*_{C,int}$ = 39

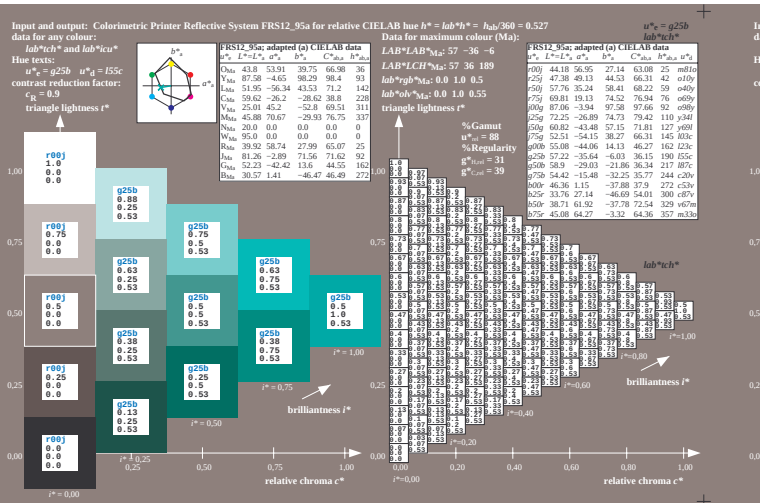




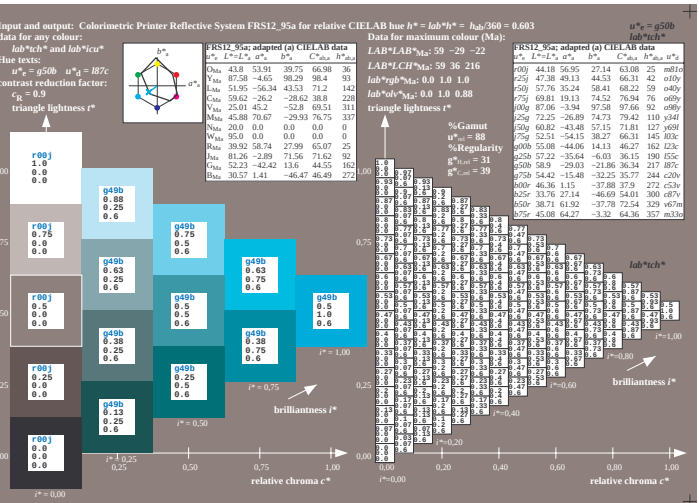
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.451$ $u^*_e = g00b$ lab^*tch^*
data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*_e = g00b$ $u^*_d = I23c$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 55 −44 14 $LAB^*LCH^*_{Ma}$: 55 46 162 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.23



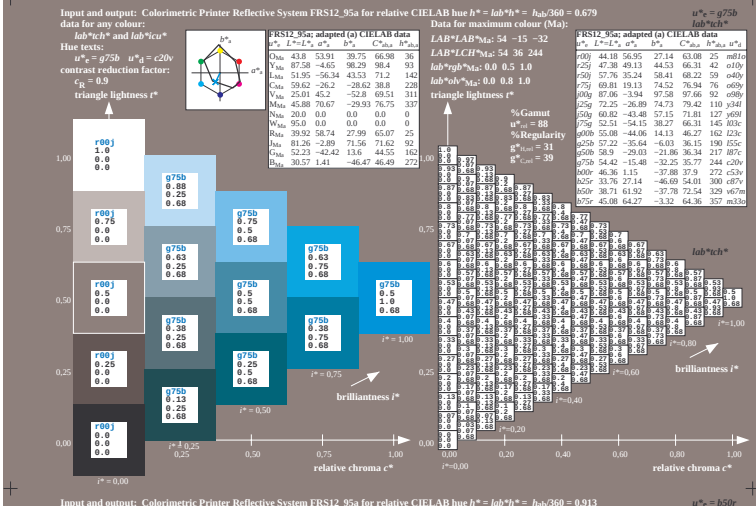
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.527$ $u^*_e = g25b$ lab^*tch^*
data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*_e = g25b$ $u^*_d = I55c$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 57 −36 −6 $LAB^*LCH^*_{Ma}$: 57 36 189 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5 $lab^*olv^*_{Ma}$: 0.0 1.0 0.55



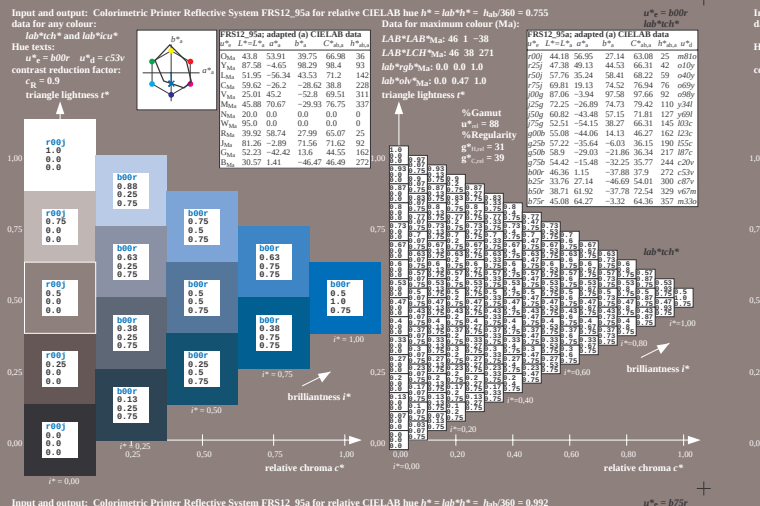
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.603$ $u^*_e = g50b$ lab^*tch^*
data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*_e = g50b$ $u^*_d = I87c$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 59 −29 −22 $LAB^*LCH^*_{Ma}$: 59 36 216 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.88



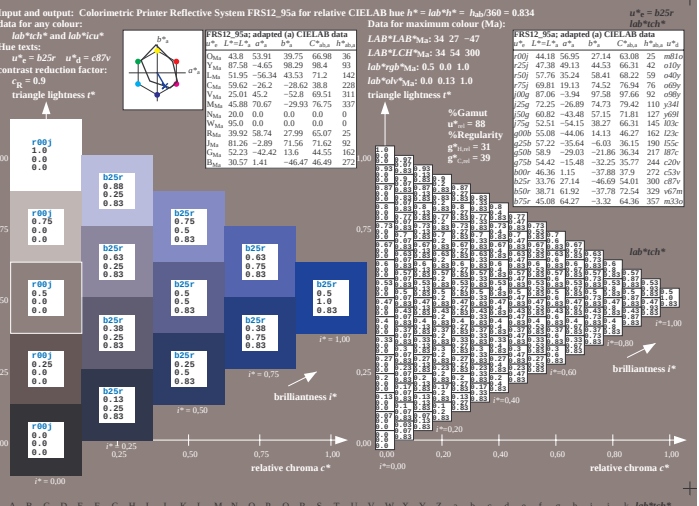
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.679$ $u^*_e = g75b$ lab^*tch^*
data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 54 −15 −32 $LAB^*LCH^*_{Ma}$: 54 36 244 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0 $lab^*olv^*_{Ma}$: 0.0 0.8 1.0



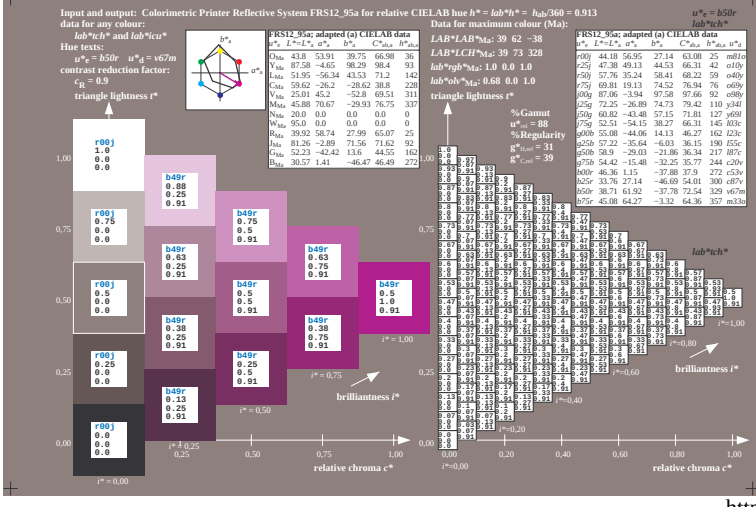
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.755$ $u^*_e = b00r$ lab^*tch^*
data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*_e = b00r$ $u^*_d = c53v$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 46 1 −38 $LAB^*LCH^*_{Ma}$: 46 38 271 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.0 0.47 1.0



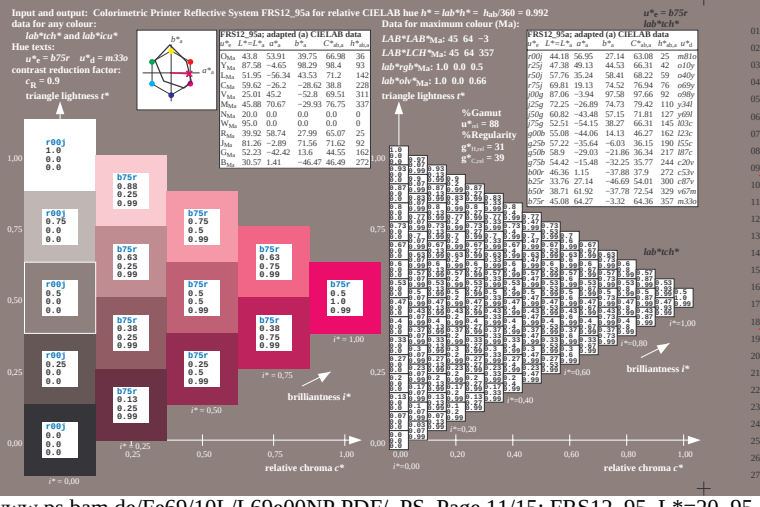
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.834$ $u^*_e = b25r$ lab^*tch^*
data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*_e = b25r$ $u^*_d = c87v$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 34 27 −47 $LAB^*LCH^*_{Ma}$: 34 54 300 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0 $lab^*olv^*_{Ma}$: 0.0 0.13 1.0

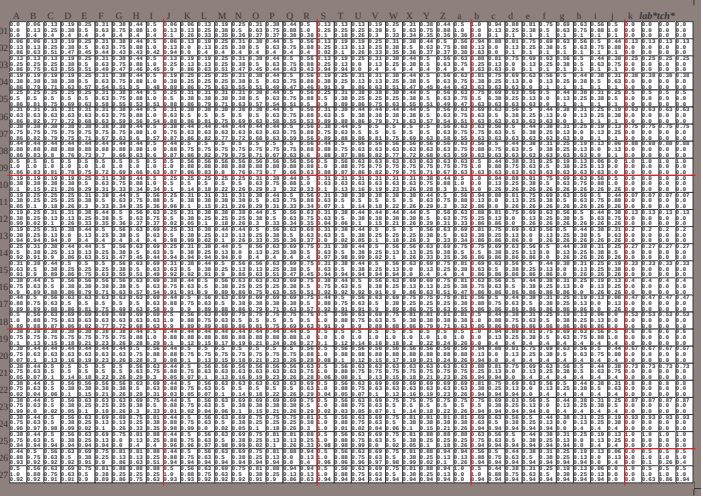


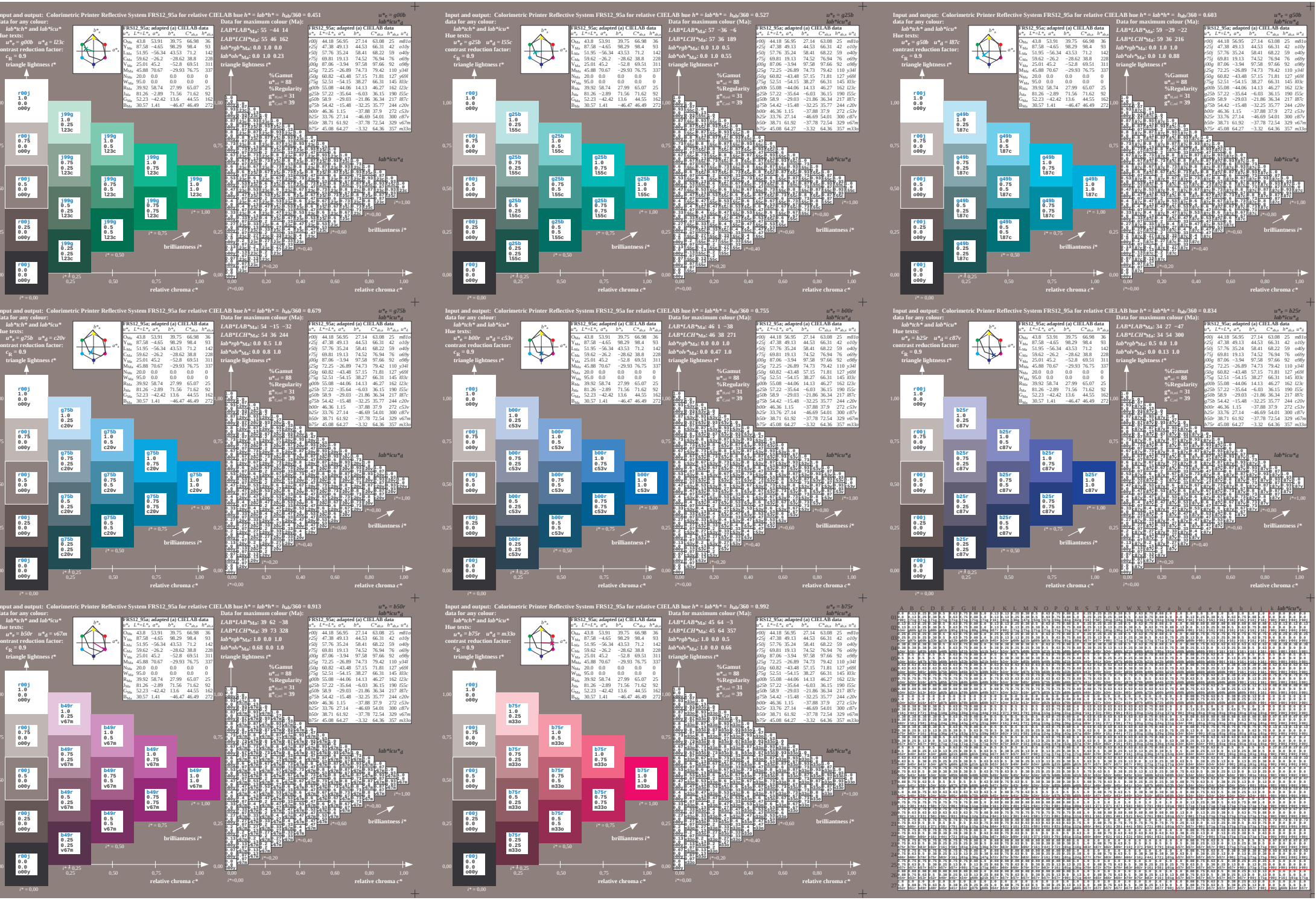
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.913$ $u^*_e = b50r$ lab^*tch^*
data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*_e = b50r$ $u^*_d = v67m$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 39 62 −38 $LAB^*LCH^*_{Ma}$: 39 73 328 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.68 0.0 1.0



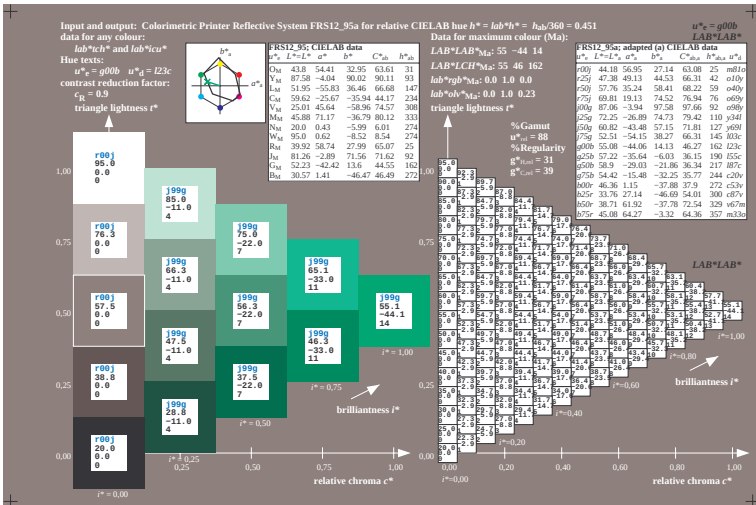
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.992$ $u^*_e = b75r$ lab^*tch^*
data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*_e = b75r$ $u^*_d = m33o$
contrast reduction factor: $c_{lg} = 0.9$
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 45 64 −3 $LAB^*LCH^*_{Ma}$: 45 64 357 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5 $lab^*olv^*_{Ma}$: 1.0 0.0 0.66



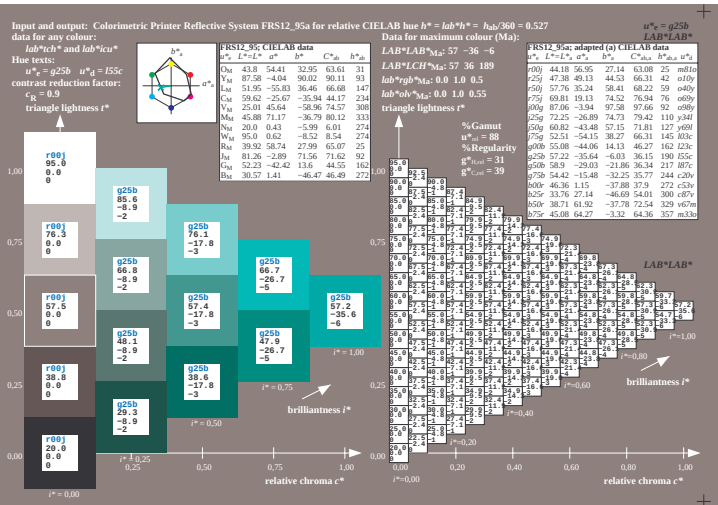



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.451
data for any colour: lab*ch* and lab*icu*
Hue texts: u*c = g00b u*d = I23c
contrast reduction factor: cB = 0.9
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 55 −44 14 LAB*LCH*Ma: 55 46 162 lab*rgb*Ma: 0.0 1.0 0.0 lab*olv*Ma: 0.0 1.0 0.23
u*c = g00b lab*icu*d
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.527
data for any colour: lab*ch* and lab*icu*
Hue texts: u*c = g25b u*d = I55c
contrast reduction factor: cB = 0.9
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 57 −36 −6 LAB*LCH*Ma: 57 36 189 lab*rgb*Ma: 0.0 1.0 0.5 lab*olv*Ma: 0.0 1.0 0.55
u*c = g25b lab*icu*d
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.603
data for any colour: lab*ch* and lab*icu*
Hue texts: u*c = g50b u*d = I87c
contrast reduction factor: cB = 0.9
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 59 −29 −22 LAB*LCH*Ma: 59 36 216 lab*rgb*Ma: 0.0 1.0 1.0 lab*olv*Ma: 0.0 1.0 0.88
u*c = g50b lab*icu*d
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.679
data for any colour: lab*ch* and lab*icu*
Hue texts: u*c = g75b u*d = c20v
contrast reduction factor: cB = 0.9
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 54 −15 −32 LAB*LCH*Ma: 54 36 244 lab*rgb*Ma: 0.0 0.5 1.0 lab*olv*Ma: 0.0 0.8 1.0
u*c = g75b lab*icu*d
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.755
data for any colour: lab*ch* and lab*icu*
Hue texts: u*c = b00r u*d = c53v
contrast reduction factor: cB = 0.9
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 46 1 −38 LAB*LCH*Ma: 46 38 271 lab*rgb*Ma: 0.0 0.0 1.0 lab*olv*Ma: 0.0 0.47 1.0
u*c = b00r lab*icu*d
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.834
data for any colour: lab*ch* and lab*icu*
Hue texts: u*c = b25r u*d = c87v
contrast reduction factor: cB = 0.9
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 34 27 −47 LAB*LCH*Ma: 34 54 300 lab*rgb*Ma: 0.5 0.0 1.0 lab*olv*Ma: 0.0 0.13 1.0
u*c = b25r lab*icu*d
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.913
data for any colour: lab*ch* and lab*icu*
Hue texts: u*c = b50r u*d = v67m
contrast reduction factor: cB = 0.9
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 39 62 −38 LAB*LCH*Ma: 39 73 328 lab*rgb*Ma: 1.0 0.0 1.0 lab*olv*Ma: 0.68 0.0 1.0
u*c = b50r lab*icu*d
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.992
data for any colour: lab*ch* and lab*icu*
Hue texts: u*c = b75r u*d = m33o
contrast reduction factor: cB = 0.9
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 45 64 −3 LAB*LCH*Ma: 45 64 357 lab*rgb*Ma: 1.0 0.0 0.5 lab*olv*Ma: 1.0 0.0 0.66
u*c = b75r lab*icu*d
FRS12_95a; adapted (a) CIELAB data
%Gamut u*sol = 88
%Regularity g*ILuv = 31 g*CJuv = 39
relative chroma c*
brilliantness i*
lab*icu*d

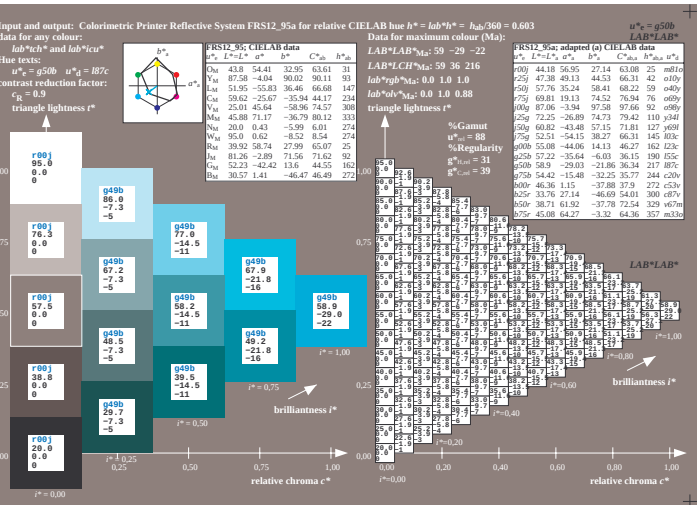
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.451 — u^*_c = $g00b$ LAB*LAB*
data for any colour: lab^*ch^* and lab^*icu^*
Hue texts: u^*_c = $g00b$ u^*_d = $I23c$
contrast reduction factor: c_{lg} = 0.9
triangle lightness l^*
Data for maximum colour (Ma): LAB*LAB*Ma: 55 −44 14 LAB*LCH*Ma: 55 46 162 lab*rgb*Ma: 0.0 1.0 0.0 lab*olv*Ma: 0.0 1.0 0.23
%Gamut u^*_{sol} = 88 %Regularity g^*_{FLat} = 31 g^*_{CAst} = 39



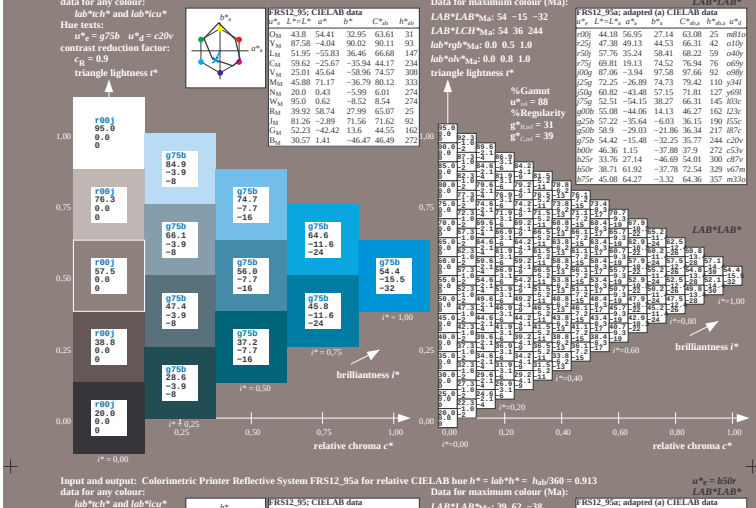
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.527 — u^*_c = $g25b$ LAB*LAB*
data for any colour: lab^*ch^* and lab^*icu^*
Hue texts: u^*_c = $g25b$ u^*_d = $I55c$
contrast reduction factor: c_{lg} = 0.9
triangle lightness l^*
Data for maximum colour (Ma): LAB*LAB*Ma: 57 −36 −6 LAB*LCH*Ma: 57 36 189 lab*rgb*Ma: 0.0 1.0 0.5 lab*olv*Ma: 0.0 1.0 0.55
%Gamut u^*_{sol} = 88 %Regularity g^*_{FLat} = 31 g^*_{CAst} = 39



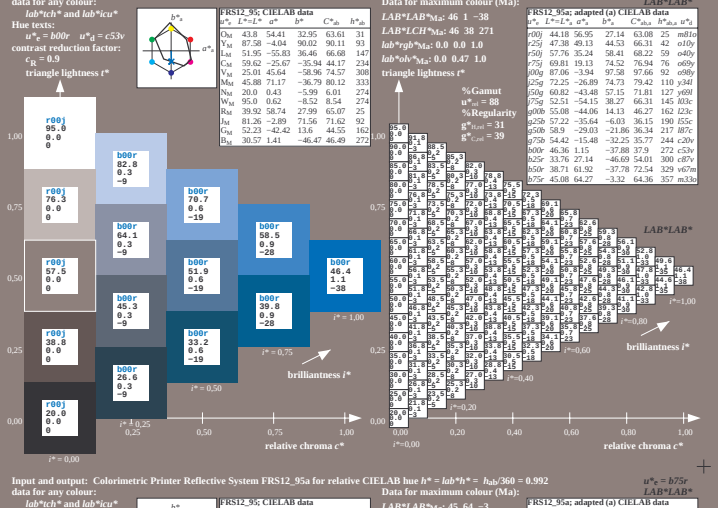
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.603 — u^*_c = $g50b$ LAB*LAB*
data for any colour: lab^*ch^* and lab^*icu^*
Hue texts: u^*_c = $g50b$ u^*_d = $I87c$
contrast reduction factor: c_{lg} = 0.9
triangle lightness l^*
Data for maximum colour (Ma): LAB*LAB*Ma: 59 −29 −22 LAB*LCH*Ma: 59 36 216 lab*rgb*Ma: 0.0 1.0 1.0 lab*olv*Ma: 0.0 1.0 0.88
%Gamut u^*_{sol} = 88 %Regularity g^*_{FLat} = 31 g^*_{CAst} = 39



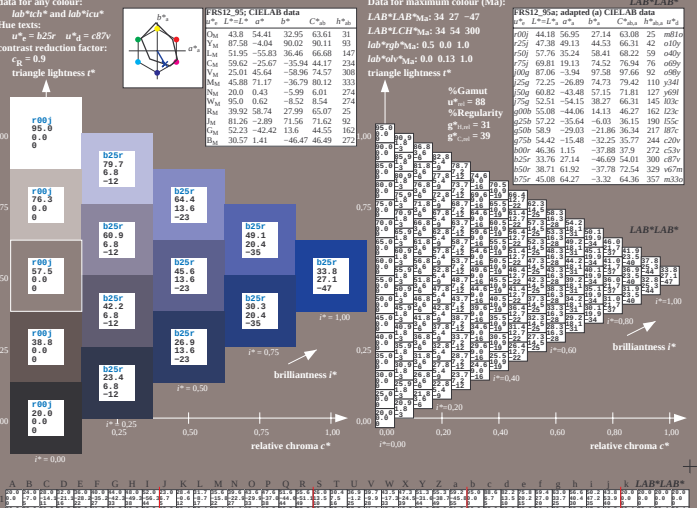
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.679 — u^*_c = $g75b$ LAB*LAB*
data for any colour: lab^*ch^* and lab^*icu^*
Hue texts: u^*_c = $g75b$ u^*_d = $c20v$
contrast reduction factor: c_{lg} = 0.9
triangle lightness l^*
Data for maximum colour (Ma): LAB*LAB*Ma: 54 −15 −32 LAB*LCH*Ma: 54 36 244 lab*rgb*Ma: 0.0 0.5 1.0 lab*olv*Ma: 0.0 0.8 1.0
%Gamut u^*_{sol} = 88 %Regularity g^*_{FLat} = 31 g^*_{CAst} = 39



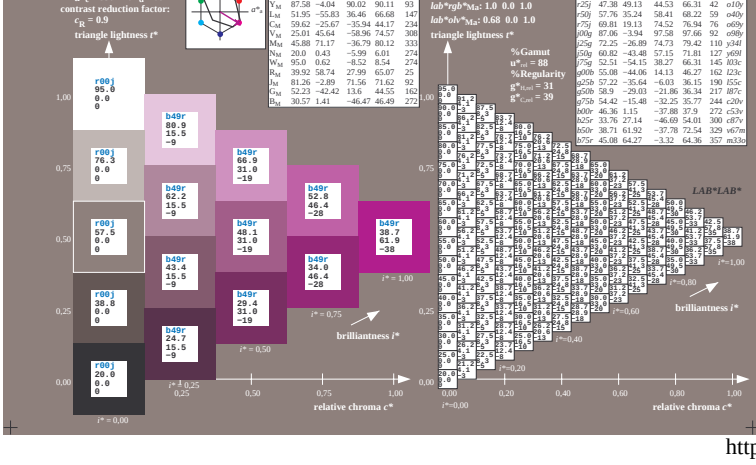
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.755 — u^*_c = $b00r$ LAB*LAB*
data for any colour: lab^*ch^* and lab^*icu^*
Hue texts: u^*_c = $b00r$ u^*_d = $c53v$
contrast reduction factor: c_{lg} = 0.9
triangle lightness l^*
Data for maximum colour (Ma): LAB*LAB*Ma: 46 1 −38 LAB*LCH*Ma: 46 38 271 lab*rgb*Ma: 0.0 0.0 1.0 lab*olv*Ma: 0.0 0.47 1.0
%Gamut u^*_{sol} = 88 %Regularity g^*_{FLat} = 31 g^*_{CAst} = 39



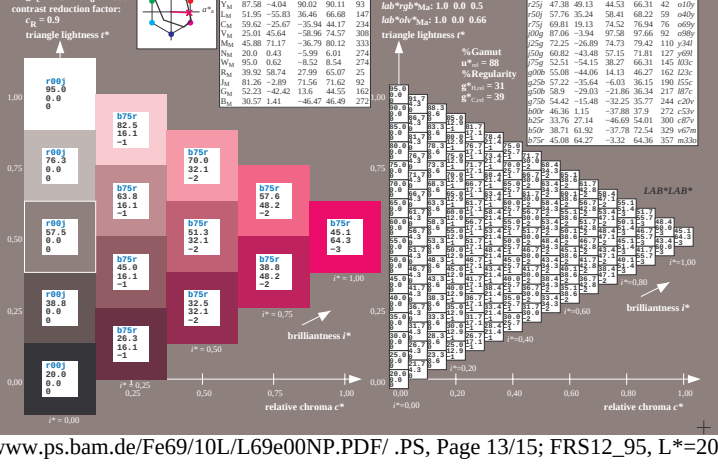
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.834 — u^*_c = $b25r$ LAB*LAB*
data for any colour: lab^*ch^* and lab^*icu^*
Hue texts: u^*_c = $b25r$ u^*_d = $c87v$
contrast reduction factor: c_{lg} = 0.9
triangle lightness l^*
Data for maximum colour (Ma): LAB*LAB*Ma: 34 27 −47 LAB*LCH*Ma: 34 54 300 lab*rgb*Ma: 0.5 0.0 1.0 lab*olv*Ma: 0.0 0.13 1.0
%Gamut u^*_{sol} = 88 %Regularity g^*_{FLat} = 31 g^*_{CAst} = 39

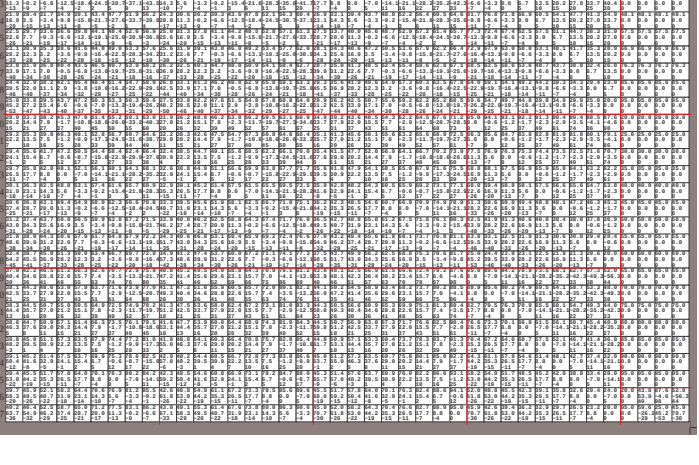


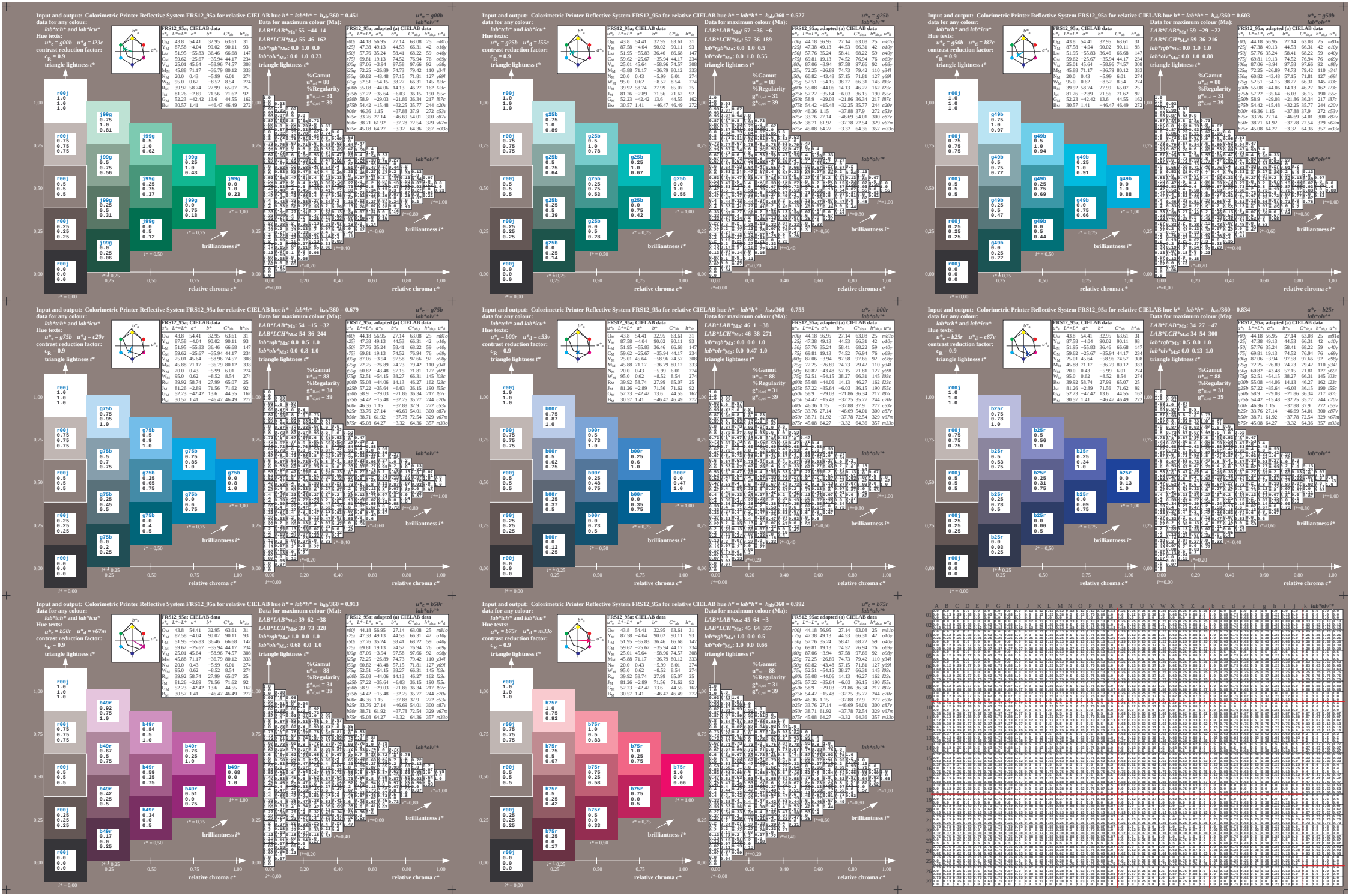
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.913 — u^*_c = $b50r$ LAB*LAB*
data for any colour: lab^*ch^* and lab^*icu^*
Hue texts: u^*_c = $b50r$ u^*_d = $v67m$
contrast reduction factor: c_{lg} = 0.9
triangle lightness l^*
Data for maximum colour (Ma): LAB*LAB*Ma: 39 62 −38 LAB*LCH*Ma: 39 73 328 lab*rgb*Ma: 1.0 0.0 1.0 lab*olv*Ma: 0.68 0.0 1.0
%Gamut u^*_{sol} = 88 %Regularity g^*_{FLat} = 31 g^*_{CAst} = 39



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h^* = lab^*h^* = h_{lab}/360 = 0.992 — u^*_c = $b75r$ LAB*LAB*
data for any colour: lab^*ch^* and lab^*icu^*
Hue texts: u^*_c = $b75r$ u^*_d = $m33o$
contrast reduction factor: c_{lg} = 0.9
triangle lightness l^*
Data for maximum colour (Ma): LAB*LAB*Ma: 45 64 −3 LAB*LCH*Ma: 45 64 357 lab*rgb*Ma: 1.0 0.0 0.5 lab*olv*Ma: 1.0 0.0 0.66
%Gamut u^*_{sol} = 88 %Regularity g^*_{FLat} = 31 g^*_{CAst} = 39





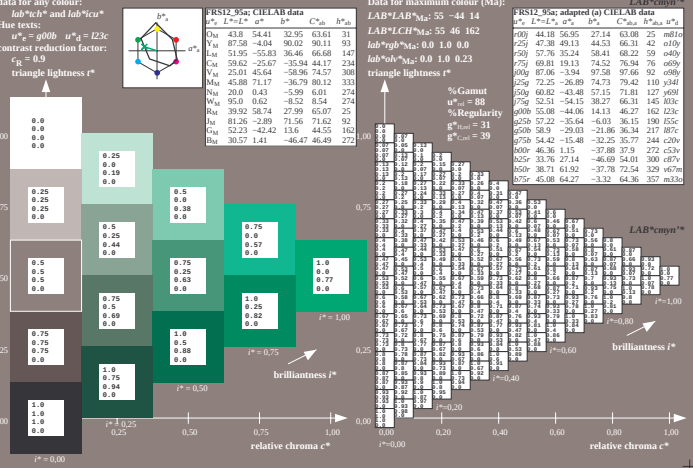

Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.451
data for any colour: lab*ch* and lab*icu*
Hue texts: u*c = g00b u*d = I23c
contrast reduction factor: cB = 0.9
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 55 −44 14 LAB*LCH*Ma: 55 46 162 lab*rgb*Ma: 0.0 1.0 0.0 lab*olv*Ma: 0.0 1.0 0.23
u*c = g00b lab*olv*
%Gamut u*sol = 88 %Regularity g*TLnt = 31 g*CLnt = 39
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.527
Data for maximum colour (Ma): LAB*LAB*Ma: 57 −36 −6 LAB*LCH*Ma: 57 36 189 lab*rgb*Ma: 0.0 1.0 0.5 lab*olv*Ma: 0.0 1.0 0.55
u*c = g25b lab*olv*
u*d = I55c
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.603
Data for maximum colour (Ma): LAB*LAB*Ma: 59 −29 −22 LAB*LCH*Ma: 59 36 216 lab*rgb*Ma: 0.0 1.0 1.0 lab*olv*Ma: 0.0 1.0 0.88
u*c = g50b lab*olv*
u*d = I87c
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.679
Data for maximum colour (Ma): LAB*LAB*Ma: 54 −15 −32 LAB*LCH*Ma: 54 36 244 lab*rgb*Ma: 0.0 0.5 1.0 lab*olv*Ma: 0.0 0.8 1.0
u*c = g75b lab*olv*
u*d = c20v
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.755
Data for maximum colour (Ma): LAB*LAB*Ma: 46 1 −38 LAB*LCH*Ma: 46 38 271 lab*rgb*Ma: 0.0 0.0 1.0 lab*olv*Ma: 0.0 0.47 1.0
u*c = b00r lab*olv*
u*d = c53v
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.834
Data for maximum colour (Ma): LAB*LAB*Ma: 34 27 −47 LAB*LCH*Ma: 34 54 300 lab*rgb*Ma: 0.5 0.0 1.0 lab*olv*Ma: 0.0 0.13 1.0
u*c = b25r lab*olv*
u*d = c87v
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.913
Data for maximum colour (Ma): LAB*LAB*Ma: 39 62 −38 LAB*LCH*Ma: 39 73 328 lab*rgb*Ma: 1.0 0.0 1.0 lab*olv*Ma: 0.68 0.0 1.0
u*c = b50r lab*olv*
u*d = v67m
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue h* = lab*h* = hab/360 = 0.992
Data for maximum colour (Ma): LAB*LAB*Ma: 45 64 −3 LAB*LCH*Ma: 45 64 357 lab*rgb*Ma: 1.0 0.0 0.5 lab*olv*Ma: 1.0 0.0 0.66
u*c = b75r lab*olv*
u*d = m33o
FRS12_95a; CIELAB data
FRS12_95a; adapted (a) CIELAB data

Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.451$ — $u^*_e = g00b$ — LAB*cmyn'*

data for any colour: *lab*ch** and *lab*icu**
Hue texts: $u^*_e = g00b$ $u^*_d = I23c$
contrast reduction factor: $c_{lg} = 0.9$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 −44 14
$LAB^*LCH^*_{Ma}$: 55 46 162
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.23
triangle lightness t^*

%Gamut $u^*_{sol} = 88$
%Regularity $g^*_{FLnt} = 31$ $g^*_{C,nt} = 39$

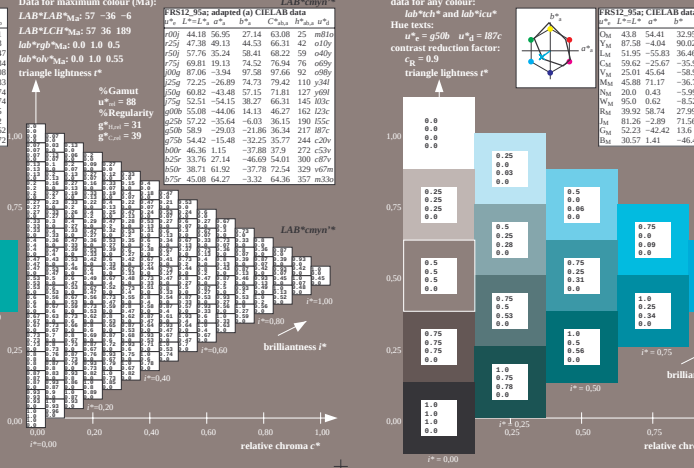


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.527$ — $u^*_e = g25b$ — LAB*cmyn'*

data for any colour: *lab*ch** and *lab*icu**
Hue texts: $u^*_e = g25b$ $u^*_d = I55c$
contrast reduction factor: $c_{lg} = 0.9$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −36 −6
$LAB^*LCH^*_{Ma}$: 57 36 189
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
$lab^*olv^*_{Ma}$: 0.0 1.0 0.55
triangle lightness t^*

%Gamut $u^*_{sol} = 88$
%Regularity $g^*_{FLnt} = 31$ $g^*_{C,nt} = 39$

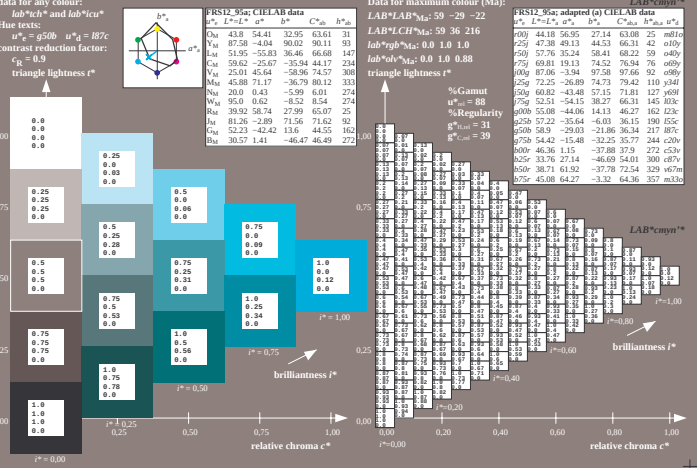


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.603$ — $u^*_e = g50b$ — LAB*cmyn'*

data for any colour: *lab*ch** and *lab*icu**
Hue texts: $u^*_e = g50b$ $u^*_d = I87c$
contrast reduction factor: $c_{lg} = 0.9$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 59 −29 −22
$LAB^*LCH^*_{Ma}$: 59 36 216
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.88
triangle lightness t^*

%Gamut $u^*_{sol} = 88$
%Regularity $g^*_{FLnt} = 31$ $g^*_{C,nt} = 39$

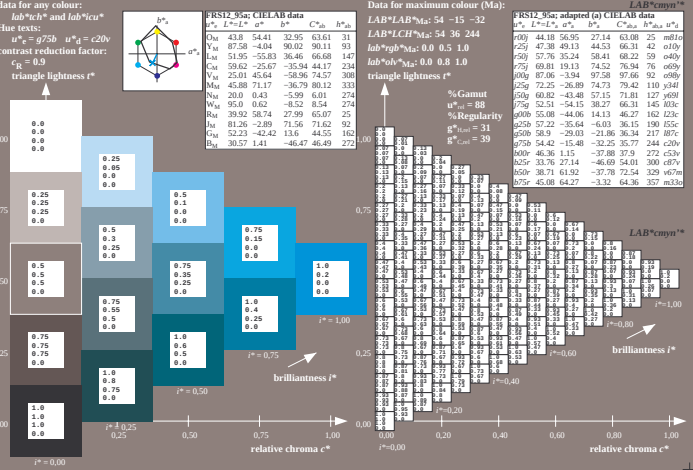


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.679$ — $u^*_e = g75b$ — LAB*cmyn'*

data for any colour: *lab*ch** and *lab*icu**
Hue texts: $u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor: $c_{lg} = 0.9$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −15 −32
$LAB^*LCH^*_{Ma}$: 54 36 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t^*

%Gamut $u^*_{sol} = 88$
%Regularity $g^*_{FLnt} = 31$ $g^*_{C,nt} = 39$

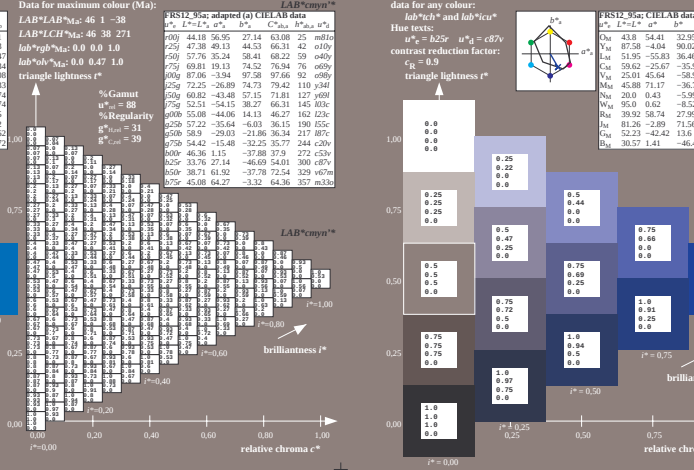


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.755$ — $u^*_e = b00r$ — LAB*cmyn'*

data for any colour: *lab*ch** and *lab*icu**
Hue texts: $u^*_e = b00r$ $u^*_d = c53v$
contrast reduction factor: $c_{lg} = 0.9$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 46 1 −38
$LAB^*LCH^*_{Ma}$: 46 38 271
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.47 1.0
triangle lightness t^*

%Gamut $u^*_{sol} = 88$
%Regularity $g^*_{FLnt} = 31$ $g^*_{C,nt} = 39$

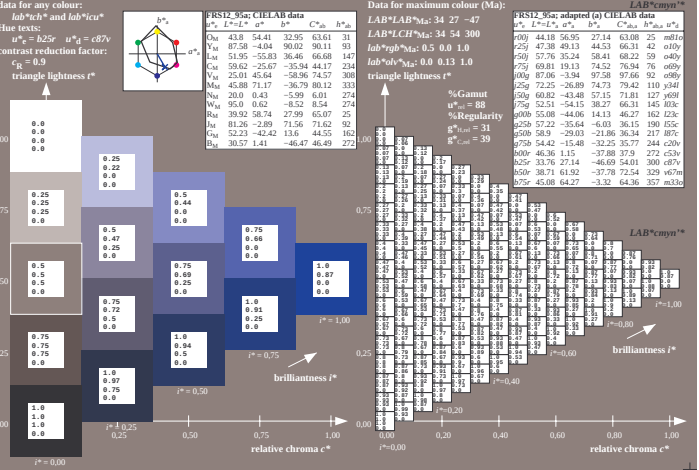


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.834$ — $u^*_e = b25r$ — LAB*cmyn'*

data for any colour: *lab*ch** and *lab*icu**
Hue texts: $u^*_e = b25r$ $u^*_d = c87v$
contrast reduction factor: $c_{lg} = 0.9$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 34 27 −47
$LAB^*LCH^*_{Ma}$: 34 54 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.13 1.0
triangle lightness t^*

%Gamut $u^*_{sol} = 88$
%Regularity $g^*_{FLnt} = 31$ $g^*_{C,nt} = 39$

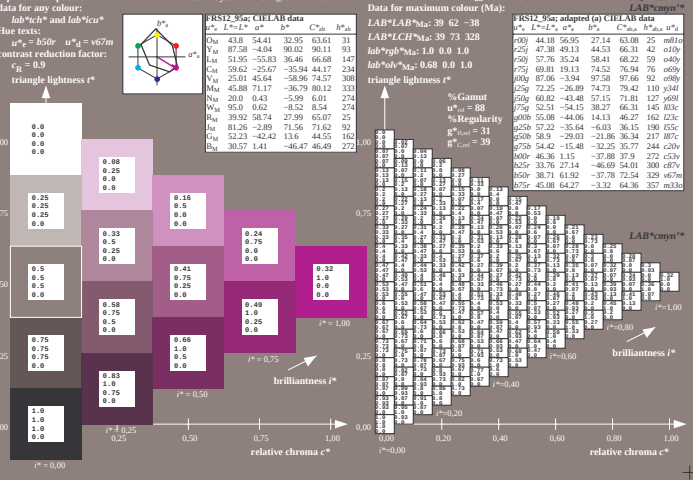


Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.913$ — $u^*_e = b50r$ — LAB*cmyn'*

data for any colour: *lab*ch** and *lab*icu**
Hue texts: $u^*_e = b50r$ $u^*_d = v67m$
contrast reduction factor: $c_{lg} = 0.9$
triangle lightness t^*

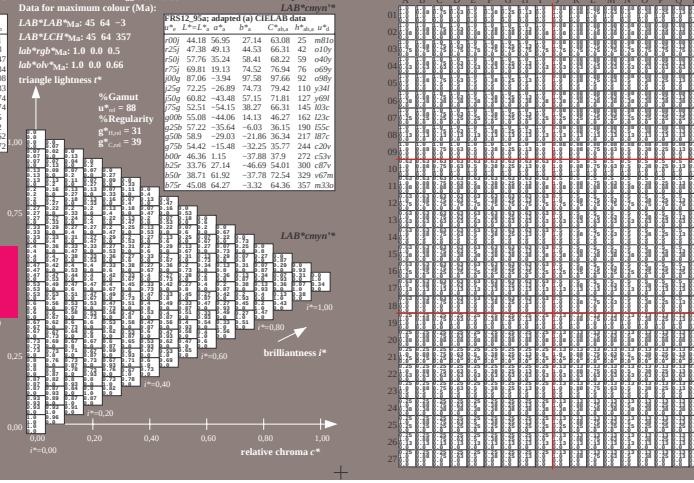
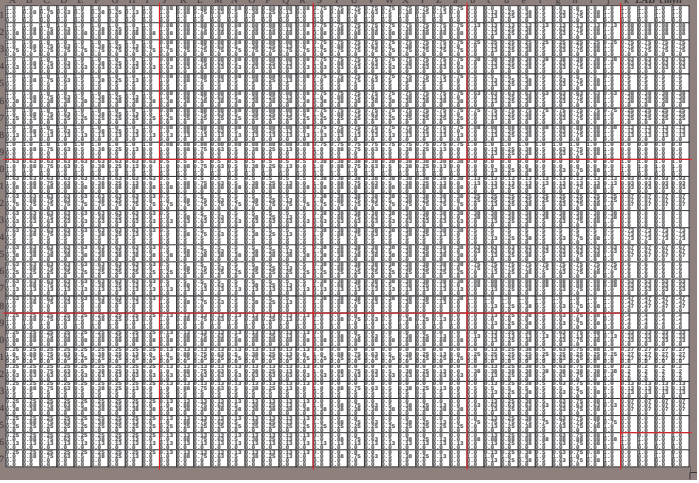
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 62 −38
$LAB^*LCH^*_{Ma}$: 39 73 328
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.68 0.0 1.0
triangle lightness t^*

%Gamut $u^*_{sol} = 88$
%Regularity $g^*_{FLnt} = 31$ $g^*_{C,nt} = 39$



Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.992$ — $u^*_e = b75r$ — LAB*cmyn'*

data for any colour: *lab*ch** and *lab*icu**
Hue texts: $u^*_e = b75r$ $u^*_d = m33o$
contrast reduction factor: $c_{lg} = 0.9$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 45 64 −3
$LAB^*LCH^*_{Ma}$: 45 64 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.66
triangle lightness t^*

%Gamut $u^*_{sol} = 88$
%Regularity $g^*_{FLnt} = 31$ $g^*_{C,nt} = 39$