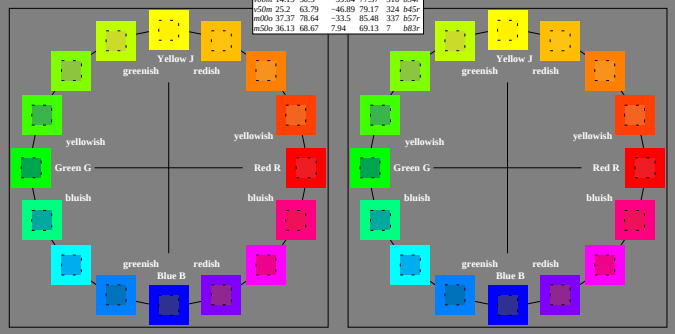
Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00c	52.66	−29.14	−31.99	43.27	228	g60b
c50y	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

%Gamut
$u^*_{c,i}$ = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

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



Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$ u^*_d = o00y
data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
u^*_d = o00y u^*_c = r16j
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 35 34 36
*LAB*LCH**$_{Ma}$: 35 74 36
*lab*olv**$_{Ma}$: 1.0 0.16 0.0
*lab*rgb**$_{Ma}$: 1.0 0.16 0.0
%Gamut
$u^*_{c,i}$ = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40
brilliantness i^*
relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$ u^*_d = o25y
data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
u^*_d = o25y u^*_c = r37j
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 45 47 57
*LAB*LCH**$_{Ma}$: 45 74 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
%Gamut
$u^*_{c,i}$ = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40
brilliantness i^*
relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$ u^*_d = o50y
data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
u^*_d = o50y u^*_c = r58j
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 55 34 70
*LAB*LCH**$_{Ma}$: 55 78 64
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.58 0.0
%Gamut
$u^*_{c,i}$ = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40
brilliantness i^*
relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$ u^*_d = o75y
data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
u^*_d = o75y u^*_c = r79j
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 67 17 87
*LAB*LCH**$_{Ma}$: 67 88 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.79 0.0
%Gamut
$u^*_{c,i}$ = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40
brilliantness i^*
relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$ u^*_d = y00l
data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
u^*_d = y00l u^*_c = j01g
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 84 −5 109
*LAB*LCH**$_{Ma}$: 84 109 92
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.99 1.0 0.0
%Gamut
$u^*_{c,i}$ = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40
brilliantness i^*
relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$ u^*_d = y25l
data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
u^*_d = y25l u^*_c = j18g
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 71 −24 89
*LAB*LCH**$_{Ma}$: 71 92 105
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.82 1.0 0.0
%Gamut
$u^*_{c,i}$ = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40
brilliantness i^*
relative chroma c^*

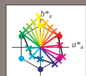
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$ u^*_d = y50l
data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
u^*_d = y50l u^*_c = j36g
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 61 −39 74
*LAB*LCH**$_{Ma}$: 61 83 117
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.64 1.0 0.0
%Gamut
$u^*_{c,i}$ = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40
brilliantness i^*
relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$ u^*_d = y75l
data for any colour:
*lab*ich** and *lab*icu**
Hue texts:
u^*_d = y75l u^*_c = j53g
contrast reduction factor:
c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −51 61
*LAB*LCH**$_{Ma}$: 52 79 129
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.46 1.0 0.0
%Gamut
$u^*_{c,i}$ = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40
brilliantness i^*
relative chroma c^*

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

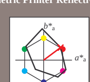


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
G_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.101 u^*_d = *o00y*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r16j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

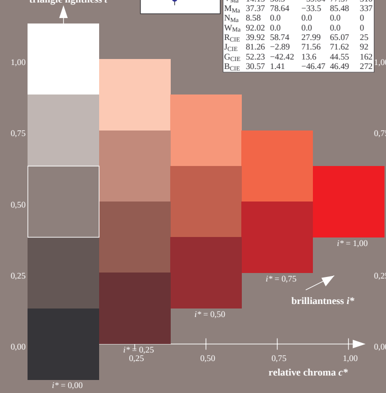
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02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

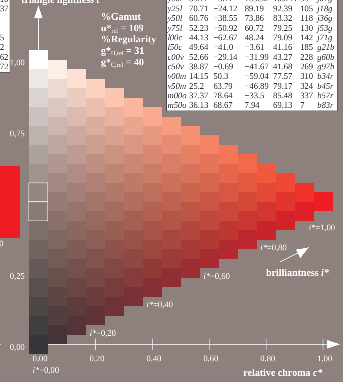
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 35 60 44
*LAB*LCH**$_{Ma}$: 35 74 36
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.16 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

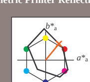
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.14 u^*_d = *o25y*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r37j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

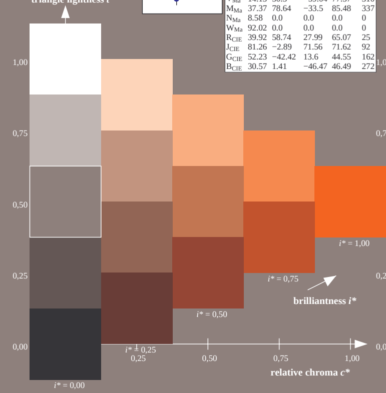
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02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

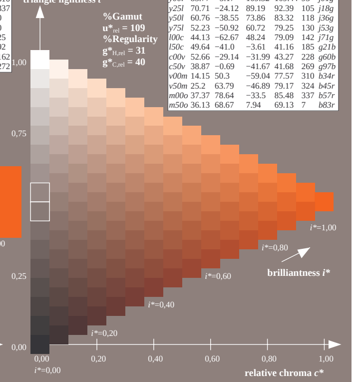
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 45 47 57
*LAB*LCH**$_{Ma}$: 45 74 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

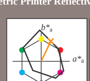
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.179 u^*_d = *o50y*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r58j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

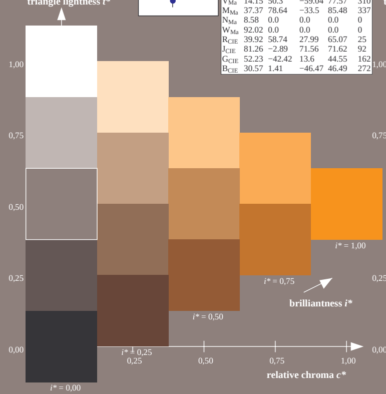
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02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

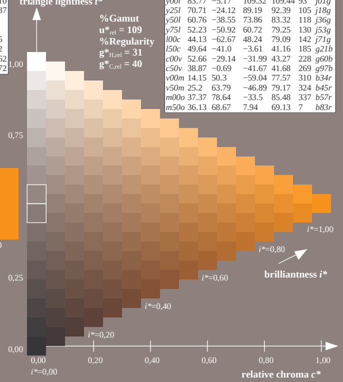
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 55 34 70
*LAB*LCH**$_{Ma}$: 55 78 64
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

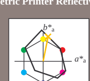
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.218 u^*_d = *o75y*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r79j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

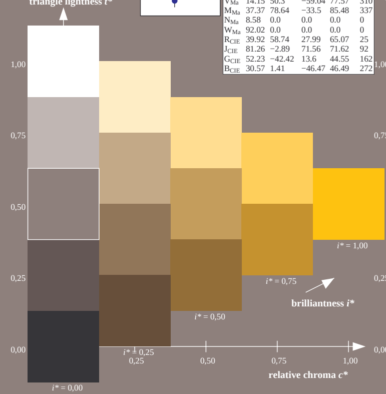
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02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

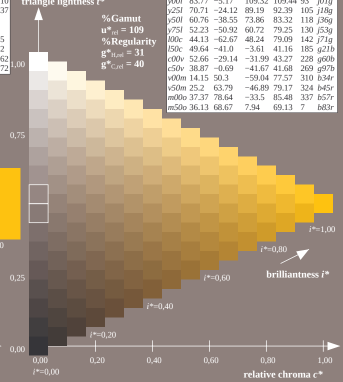
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 67 17 87
*LAB*LCH**$_{Ma}$: 67 88 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.79 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

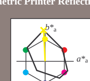
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.258 u^*_d = *y00l*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j01g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

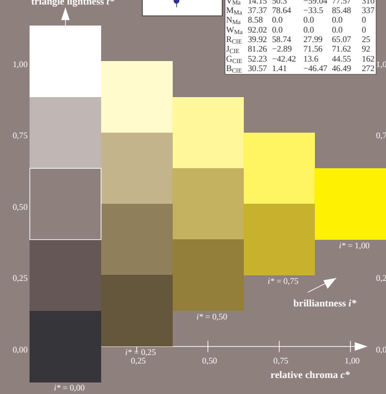
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02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

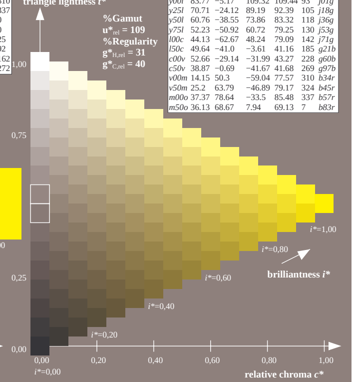
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 84 −5 109
*LAB*LCH**$_{Ma}$: 84 109 92
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.99 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

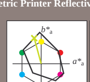
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.292 u^*_d = *y25l*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j18g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

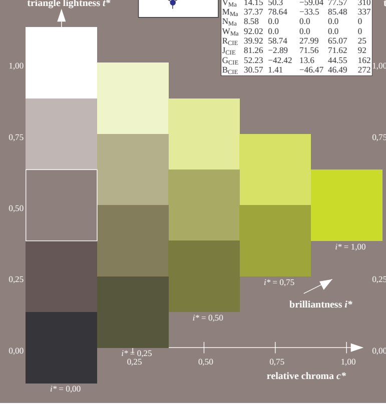
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02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

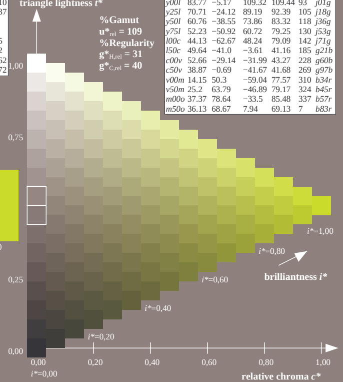
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 71 −24 89
*LAB*LCH**$_{Ma}$: 71 92 105
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.82 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

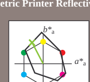
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.327 u^*_d = *y50l*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j36g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

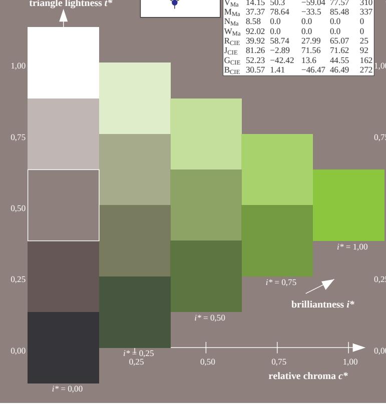
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02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

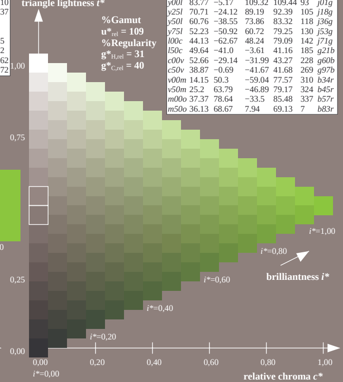
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 61 −39 74
*LAB*LCH**$_{Ma}$: 61 83 117
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.64 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

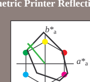
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 0.361 u^*_d = *y75l*
data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j53g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

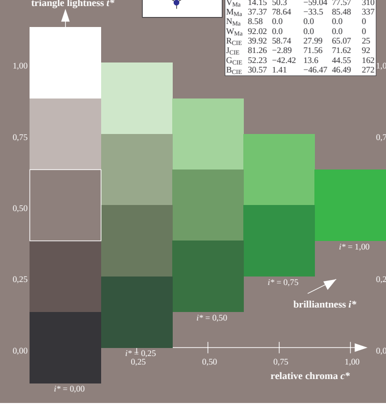
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02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

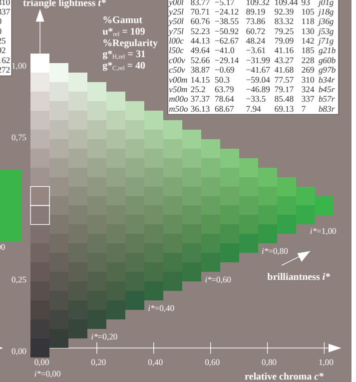
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −51 61
*LAB*LCH**$_{Ma}$: 52 79 129
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.46 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

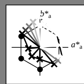




Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

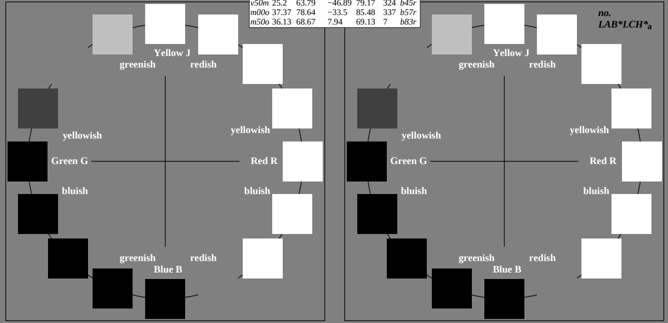
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

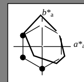
FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
G_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272



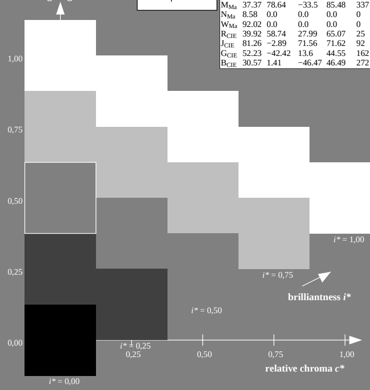
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue *h** = *lab*h** = h_{ab}/360 = 0.101 — u^*_d = *o00y*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r16j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

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

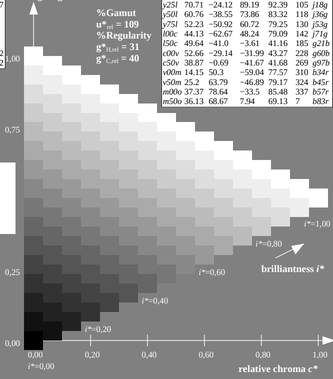


Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 35 60 44
*LAB*LCH**$_{Ma}$: 35 74 36
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.16 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

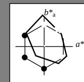
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



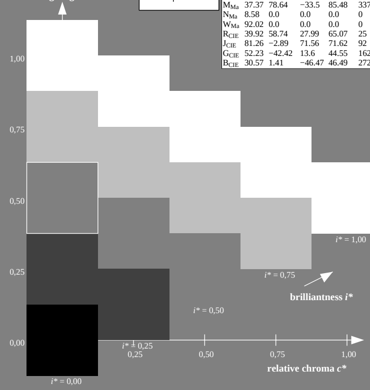
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue *h** = *lab*h** = h_{ab}/360 = 0.14 — u^*_d = *o25y*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r37j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

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

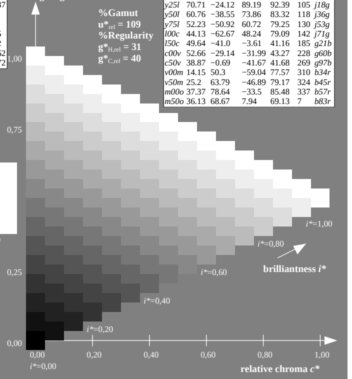


Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 45 47 57
*LAB*LCH**$_{Ma}$: 45 74 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

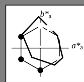
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



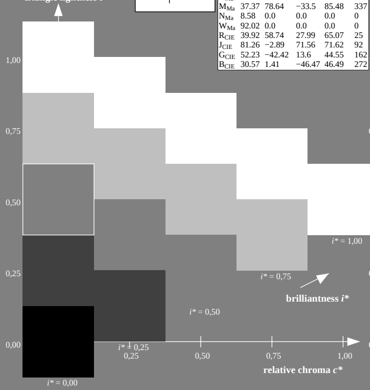
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue *h** = *lab*h** = h_{ab}/360 = 0.179 — u^*_d = *o50y*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r58j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

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

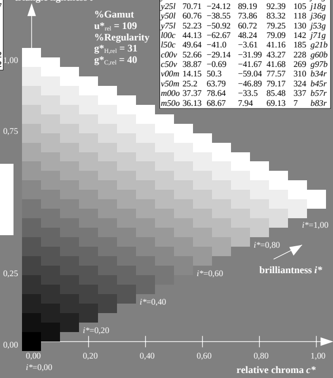


Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 55 34 70
*LAB*LCH**$_{Ma}$: 55 78 64
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

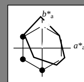
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



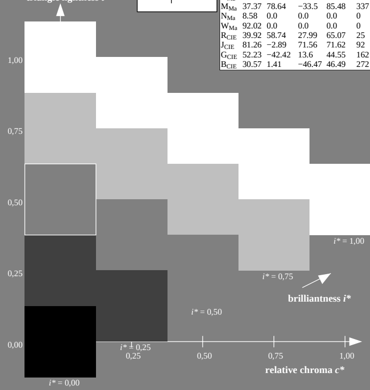
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue *h** = *lab*h** = h_{ab}/360 = 0.218 — u^*_d = *o75y*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r79j*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

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

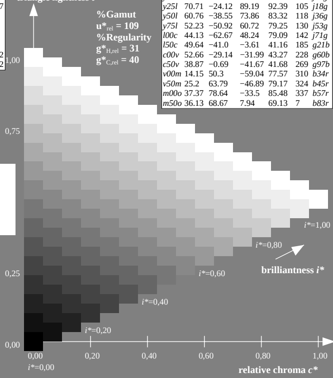


Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 67 17 87
*LAB*LCH**$_{Ma}$: 67 88 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.79 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

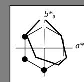
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



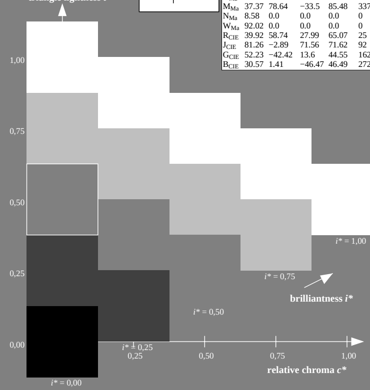
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue *h** = *lab*h** = h_{ab}/360 = 0.258 — u^*_d = *y00l*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j01g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

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

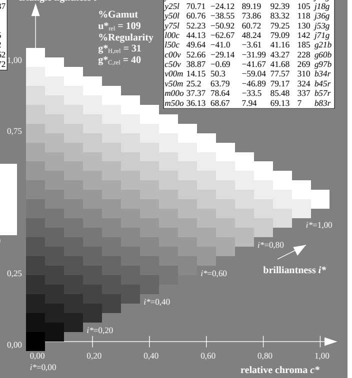


Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 84 −5 109
*LAB*LCH**$_{Ma}$: 84 109 92
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.99 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

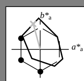
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



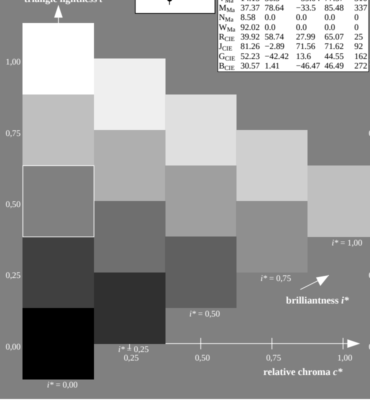
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue *h** = *lab*h** = h_{ab}/360 = 0.292 — u^*_d = *y25l*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y25l* u^*_e = *j18g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

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

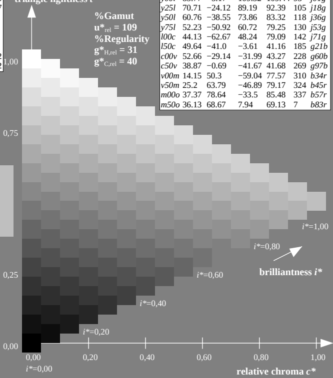


Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 71 −24 89
*LAB*LCH**$_{Ma}$: 71 92 105
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.82 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

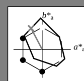
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



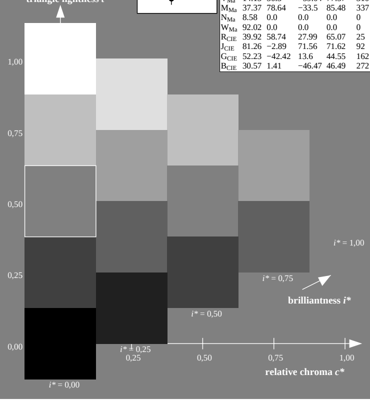
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue *h** = *lab*h** = h_{ab}/360 = 0.327 — u^*_d = *y50l*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y50l* u^*_e = *j36g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

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

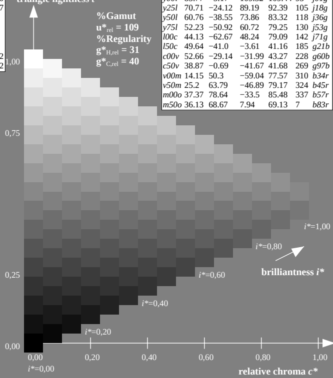


Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 61 −39 74
*LAB*LCH**$_{Ma}$: 61 83 117
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.64 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

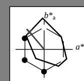
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



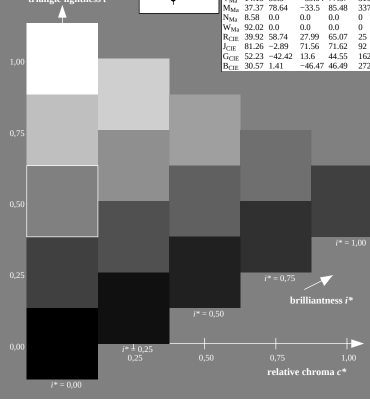
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue *h** = *lab*h** = h_{ab}/360 = 0.361 — u^*_d = *y75l*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y75l* u^*_e = *j53g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

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

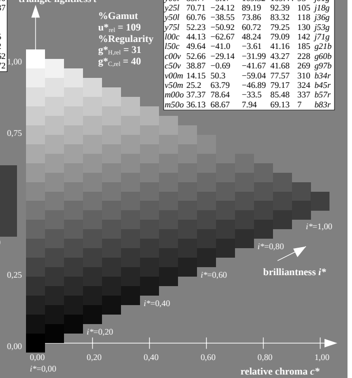


Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −51 61
*LAB*LCH**$_{Ma}$: 52 79 129
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.46 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

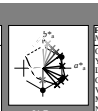
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

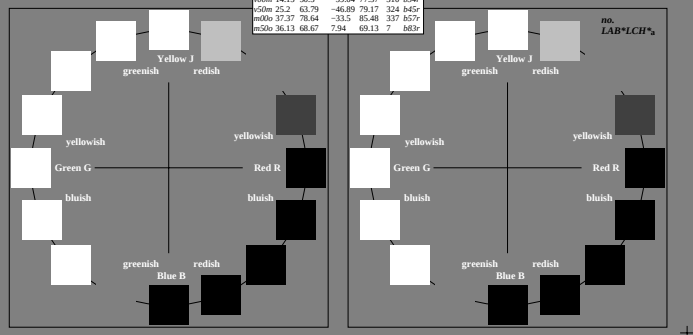


Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d **and number** *no.* **= 00 .. 15**
device hue text:
u^*_d **= 16 hues** *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R **= 1.0**

FRS09_92a; adapted (a) CIELAB data							
	L^*_a	$L^{*-L^*_a}$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
o00y	35.06	60.0	44.0	74.4	36	*r16j*	
o25y	44.68	47.13	56.9	73.88	50	*r37j*	
o50y	54.77	33.62	70.44	78.05	64	*r58j*	
o75y	66.84	17.48	86.62	88.37	79	*r79j*	
y00l	83.77	−5.17	109.32	109.44	93	*j01g*	
y25l	70.71	−24.12	89.19	92.39	105	*j18g*	
y50l	60.76	−38.55	73.86	83.32	118	*j36g*	
y75l	52.23	−50.92	60.72	79.25	130	*j53g*	
l00c	44.13	−62.67	48.24	79.09	142	*j71g*	
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*	
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*	
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*	
v00m	14.15	50.3	−59.04	77.57	310	*b34r*	
v50m	25.2	63.79	−46.89	79.17	324	*b45r*	
m00o	37.37	78.64	−33.5	85.48	337	*b57r*	
m50o	36.13	68.67	7.94	69.13	7	*b83r*	

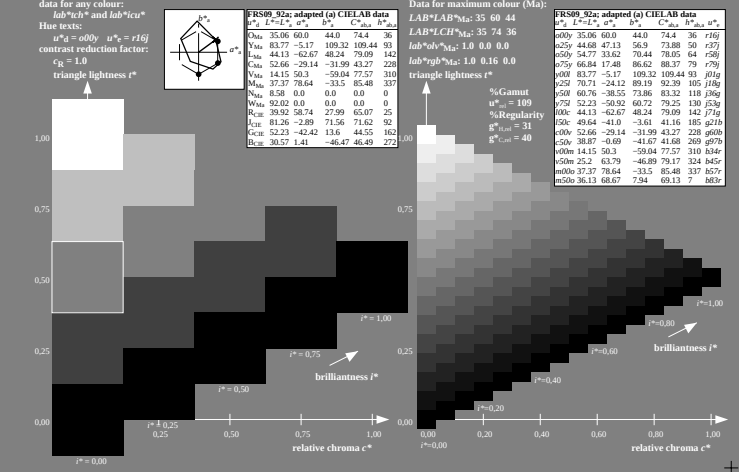


FRS09_92a; adapted (a) CIELAB data							
	L^*_a	$L^{*-L^*_a}$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
O_{Ma}	35.06	60.0	44.0	74.4	36	*r16j*	
Y_{Ma}	83.77	−5.17	109.32	109.44	93		
L^*_{Ma}	44.13	−62.67	48.24	79.09	142		
C_{Ma}	52.66	−29.14	−31.99	43.27	228		
V_{Ma}	14.15	50.3	−59.04	77.57	310		
M_{Ma}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



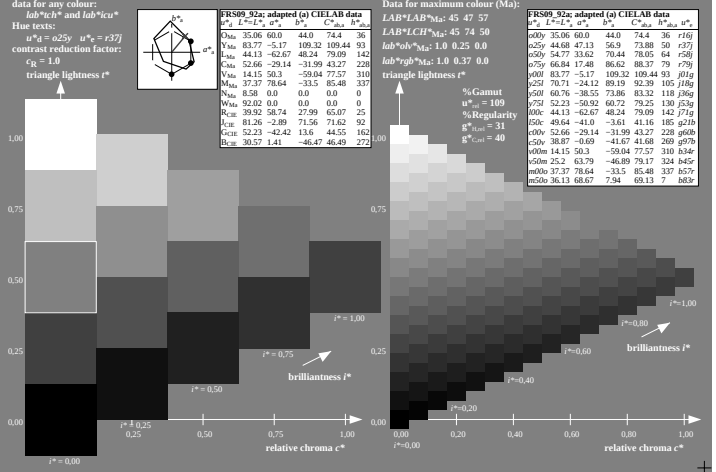
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$ u^*_d **= o00y**
data for any colour:
*lab*ich** **and** *lab*icu**
Hue texts:
u^*_d **=** *o00y* u^*_e **=** *r16j*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 35 60 44**
$LAB^*LCH^*_{Ma}$**: 35 74 36**
$lab^*olv^*_{Ma}$**: 1.0 0.0 0.0**
$lab^*rgb^*_{Ma}$**: 1.0 0.16 0.0**



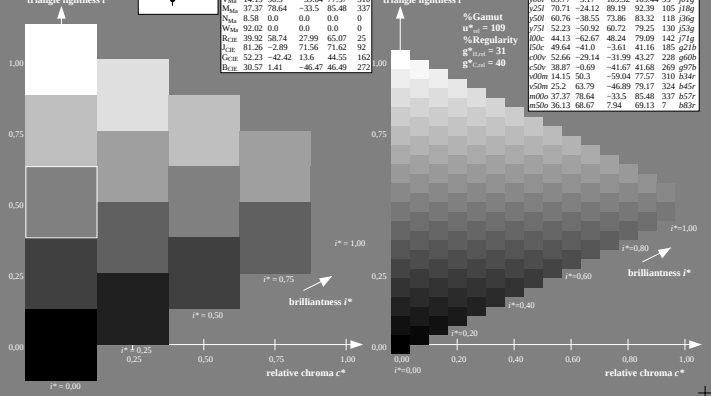
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$ u^*_d **= o25y**
data for any colour:
*lab*ich** **and** *lab*icu**
Hue texts:
u^*_d **=** *o25y* u^*_e **=** *r37j*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 45 47 57**
$LAB^*LCH^*_{Ma}$**: 45 74 50**
$lab^*olv^*_{Ma}$**: 1.0 0.25 0.0**
$lab^*rgb^*_{Ma}$**: 1.0 0.37 0.0**



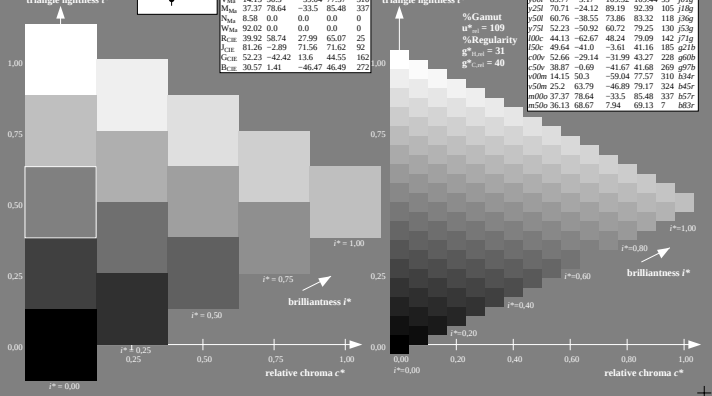
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$ u^*_d **= o50y**
data for any colour:
*lab*ich** **and** *lab*icu**
Hue texts:
u^*_d **=** *o50y* u^*_e **=** *r58j*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 55 34 70**
$LAB^*LCH^*_{Ma}$**: 55 78 64**
$lab^*olv^*_{Ma}$**: 1.0 0.5 0.0**
$lab^*rgb^*_{Ma}$**: 1.0 0.58 0.0**



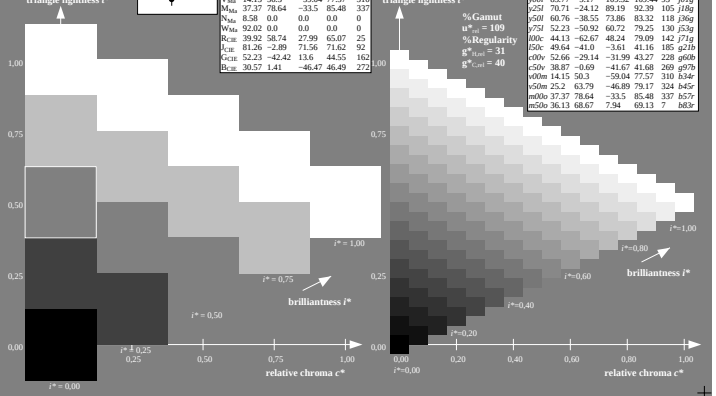
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$ u^*_d **= o75y**
data for any colour:
*lab*ich** **and** *lab*icu**
Hue texts:
u^*_d **=** *o75y* u^*_e **=** *r79j*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 67 17 87**
$LAB^*LCH^*_{Ma}$**: 67 88 78**
$lab^*olv^*_{Ma}$**: 1.0 0.75 0.0**
$lab^*rgb^*_{Ma}$**: 1.0 0.79 0.0**



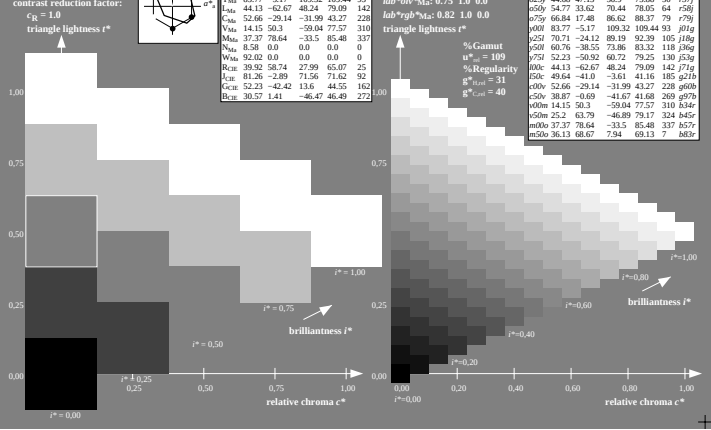
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$ u^*_d **= y00l**
data for any colour:
*lab*ich** **and** *lab*icu**
Hue texts:
u^*_d **=** *y00l* u^*_e **=** *j01g*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 84 −5 109**
$LAB^*LCH^*_{Ma}$**: 84 109 92**
$lab^*olv^*_{Ma}$**: 1.0 1.0 0.0**
$lab^*rgb^*_{Ma}$**: 0.99 1.0 0.0**



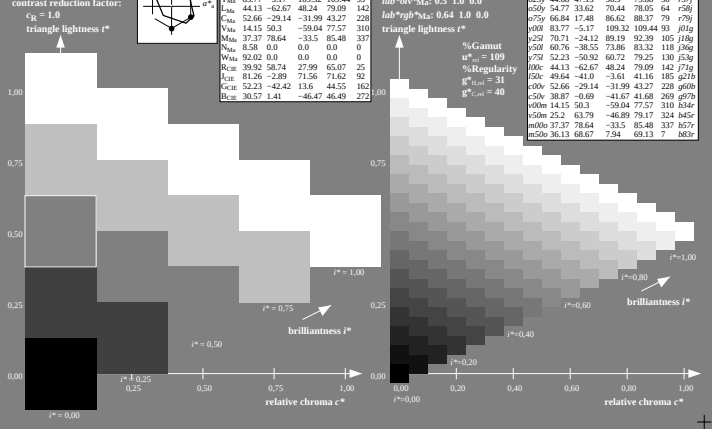
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$ u^*_d **= y25l**
data for any colour:
*lab*ich** **and** *lab*icu**
Hue texts:
u^*_d **=** *y25l* u^*_e **=** *j18g*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 71 −24 89**
$LAB^*LCH^*_{Ma}$**: 71 92 105**
$lab^*olv^*_{Ma}$**: 0.75 1.0 0.0**
$lab^*rgb^*_{Ma}$**: 0.82 1.0 0.0**



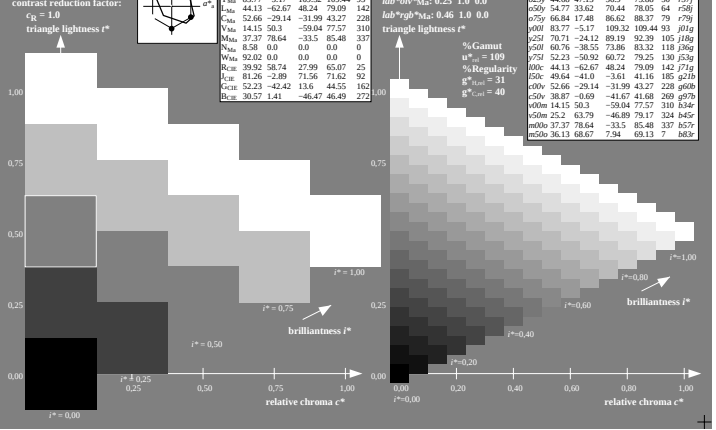
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$ u^*_d **= y50l**
data for any colour:
*lab*ich** **and** *lab*icu**
Hue texts:
u^*_d **=** *y50l* u^*_e **=** *j36g*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 61 −39 74**
$LAB^*LCH^*_{Ma}$**: 61 83 117**
$lab^*olv^*_{Ma}$**: 0.5 1.0 0.0**
$lab^*rgb^*_{Ma}$**: 0.64 1.0 0.0**



Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$ u^*_d **= y75l**
data for any colour:
*lab*ich** **and** *lab*icu**
Hue texts:
u^*_d **=** *y75l* u^*_e **=** *j53g*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*

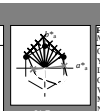
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 52 −51 61**
$LAB^*LCH^*_{Ma}$**: 52 79 129**
$lab^*olv^*_{Ma}$**: 0.25 1.0 0.0**
$lab^*rgb^*_{Ma}$**: 0.46 1.0 0.0**



Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d **and number** *no.* **= 00 .. 15**
device hue text:
u^*_d **= 16 hues** *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R **= 1.0**

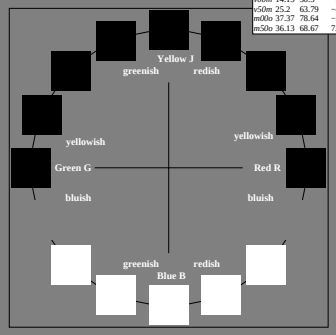
FRS09_92a; adapted (a) CIELAB data

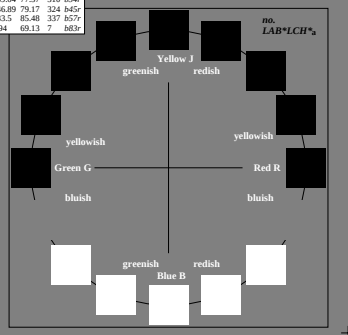
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



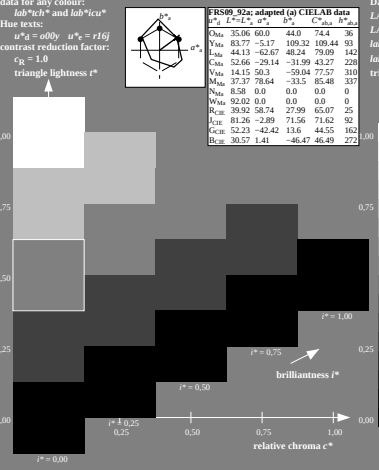
FRS09_92a; adapted (a) CIELAB data

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

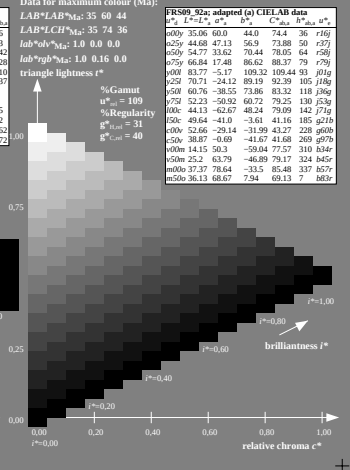




Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$ u^*_d **= o00y**
data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d **=** *o00y* u^*_e **=** *r16j*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*



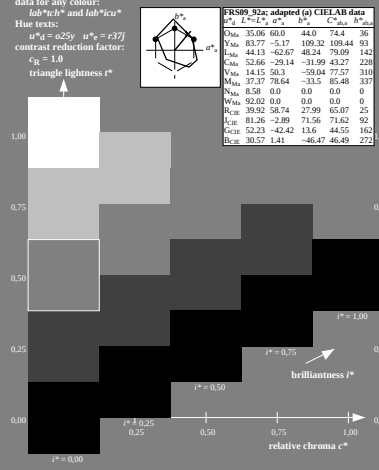
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 35 60 44**
LAB*LCH*$_{Ma}$**: 35 74 36**
lab*olv*$_{Ma}$**: 1.0 0.0 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.16 0.0**



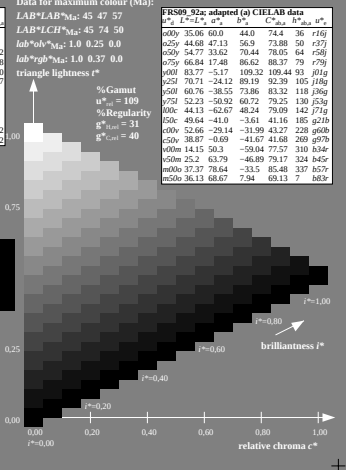
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$ u^*_d **= o25y**
data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d **=** *o25y* u^*_e **=** *r37j*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*



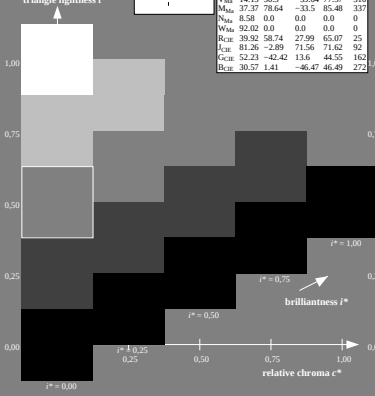
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 45 47 57**
LAB*LCH*$_{Ma}$**: 45 74 50**
lab*olv*$_{Ma}$**: 1.0 0.25 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.37 0.0**



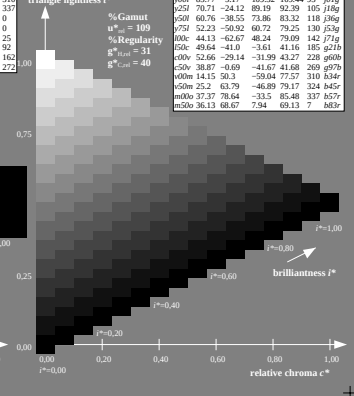
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$ u^*_d **= o50y**
data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d **=** *o50y* u^*_e **=** *r58j*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*



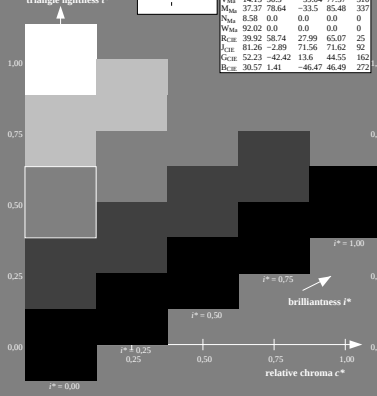
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 55 34 70**
LAB*LCH*$_{Ma}$**: 55 78 64**
lab*olv*$_{Ma}$**: 1.0 0.5 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.58 0.0**



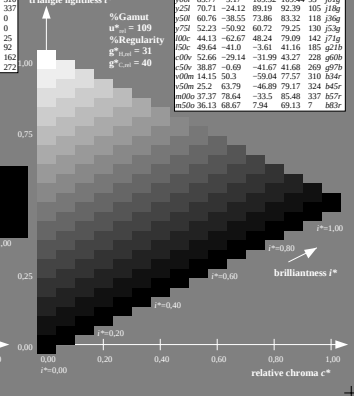
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$ u^*_d **= o75y**
data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d **=** *o75y* u^*_e **=** *r79j*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*



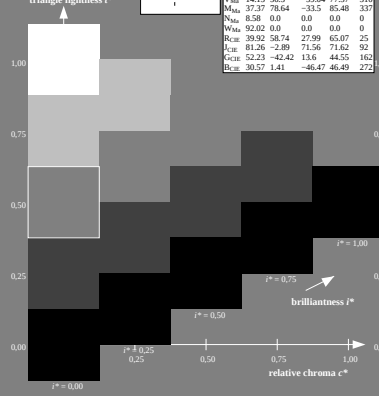
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 67 17 87**
LAB*LCH*$_{Ma}$**: 67 88 78**
lab*olv*$_{Ma}$**: 1.0 0.75 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.79 0.0**



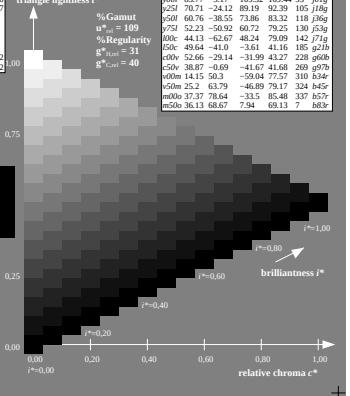
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$ u^*_d **= y00l**
data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d **=** *y00l* u^*_e **=** *j01g*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*



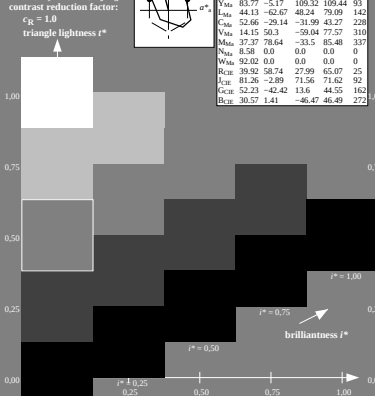
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 84 −5 109**
LAB*LCH*$_{Ma}$**: 84 109 92**
lab*olv*$_{Ma}$**: 1.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.99 1.0 0.0**



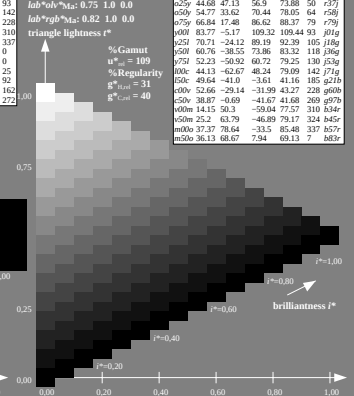
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$ u^*_d **= y25l**
data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d **=** *y25l* u^*_e **=** *j18g*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*



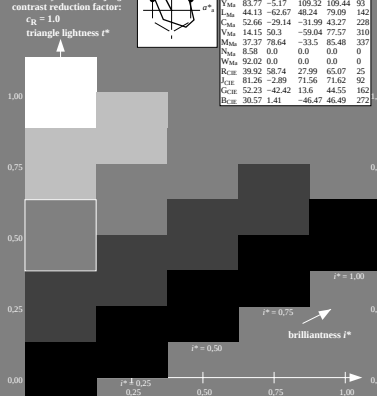
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 71 −24 89**
LAB*LCH*$_{Ma}$**: 71 92 105**
lab*olv*$_{Ma}$**: 0.75 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.82 1.0 0.0**



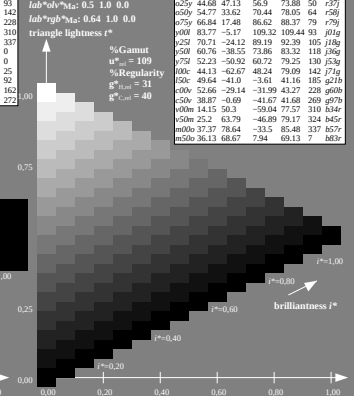
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$ u^*_d **= y50l**
data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d **=** *y50l* u^*_e **=** *j36g*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*



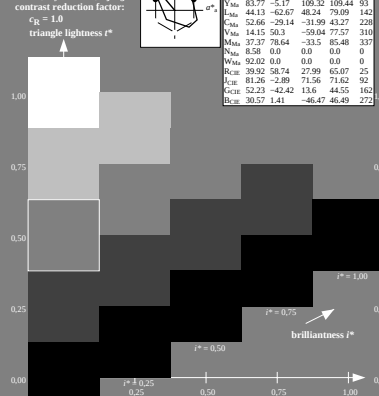
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 61 −39 74**
LAB*LCH*$_{Ma}$**: 61 83 117**
lab*olv*$_{Ma}$**: 0.5 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.64 1.0 0.0**



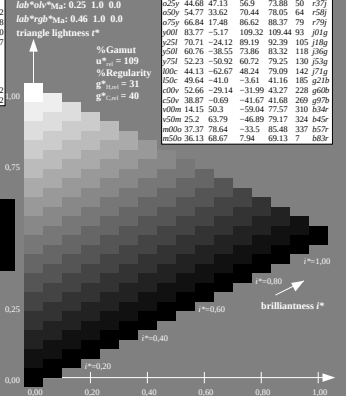
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$ u^*_d **= y75l**
data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
u^*_d **=** *y75l* u^*_e **=** *j53g*
contrast reduction factor:
c_R **= 1.0**
triangle lightness t^*



Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 52 −51 61**
LAB*LCH*$_{Ma}$**: 52 79 129**
lab*olv*$_{Ma}$**: 0.25 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.46 1.0 0.0**



FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*