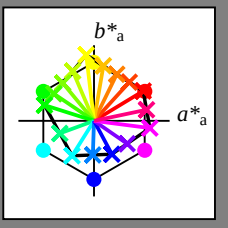
Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

ORS19_96a; adapted (a) CIELAB data

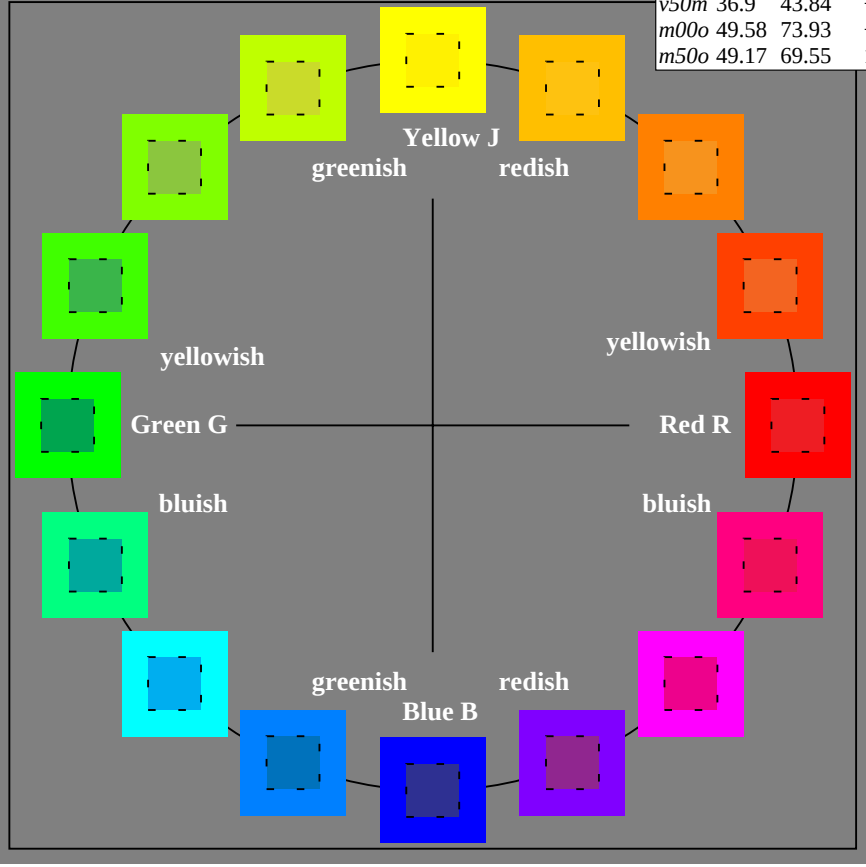
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

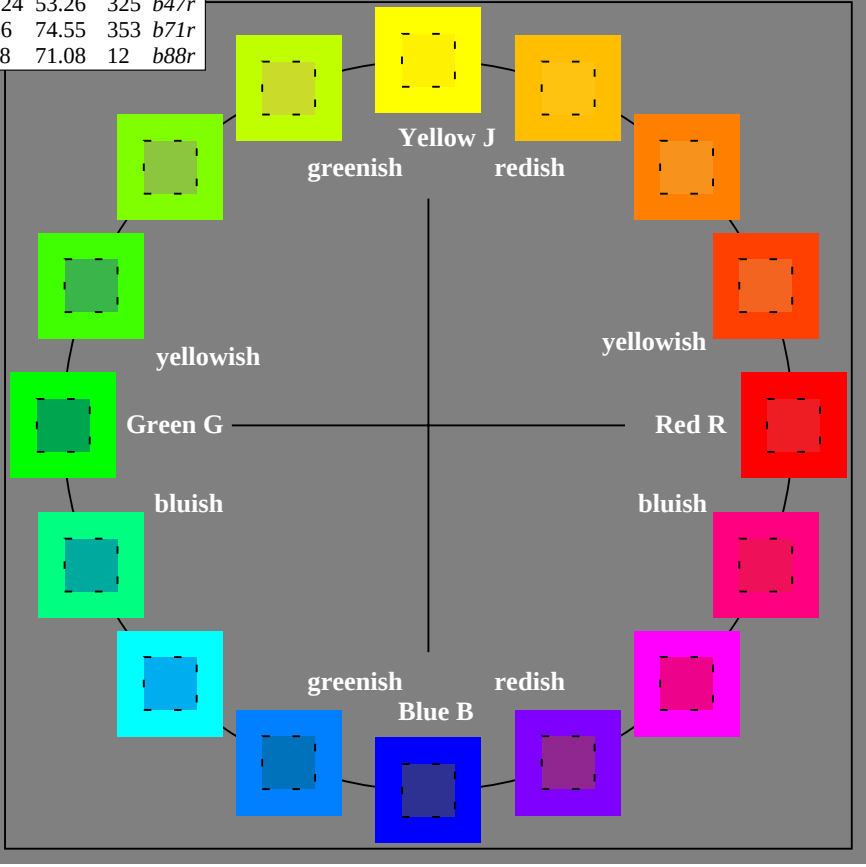


%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

ORS19_96a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



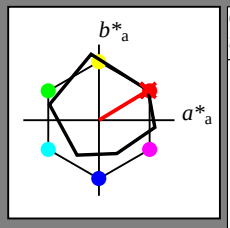


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$ $u^*_d = o00y$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

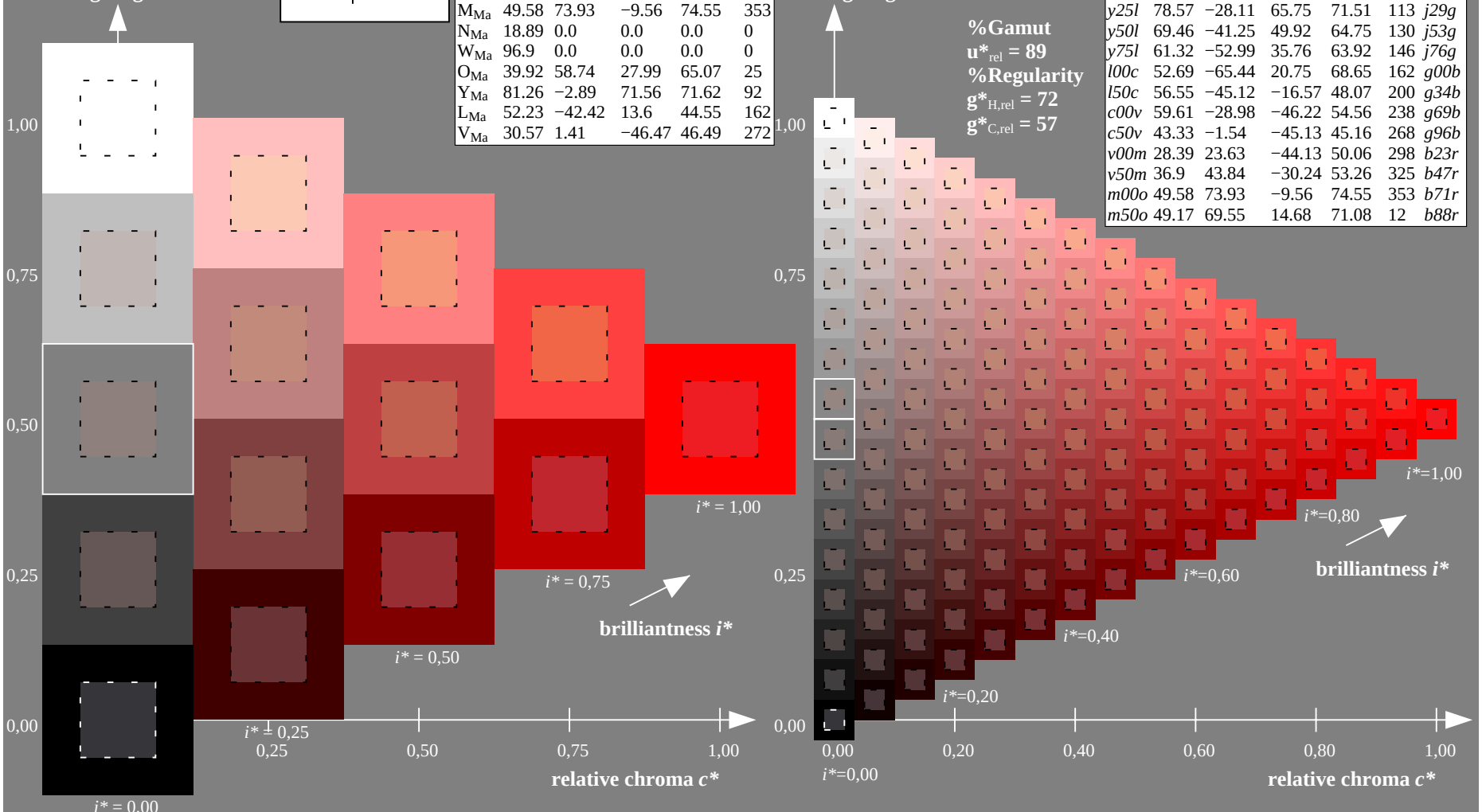
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 49 65 39**
***LAB*LCH*Ma*: 49 76 31**
***lab*olv*Ma*: 1.0 0.0 0.0**
***lab*rgb*Ma*: 1.0 0.09 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

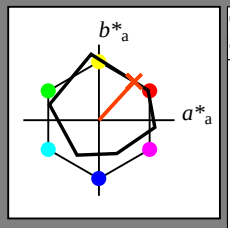


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$ **$u^*_d = o25y$**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o25y$ $u^*_e = r33j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

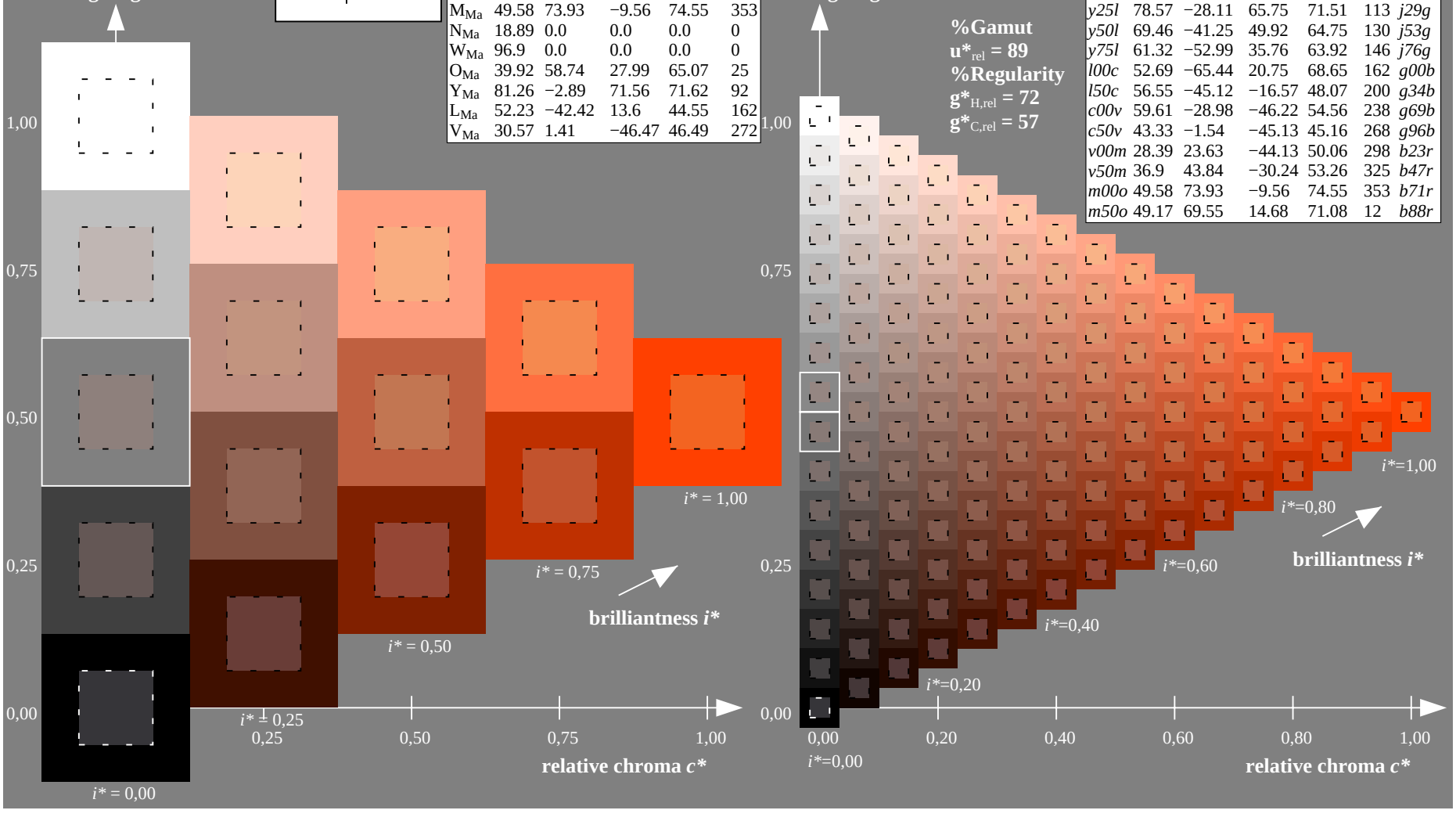
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 59 47 51**
***LAB*LCH*Ma*: 59 69 47**
***lab*olv*Ma*: 1.0 0.25 0.0**
***lab*rgb*Ma*: 1.0 0.33 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

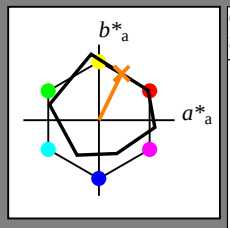


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$ **$u^*_d = o50y$**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o50y$ $u^*_e = r57j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

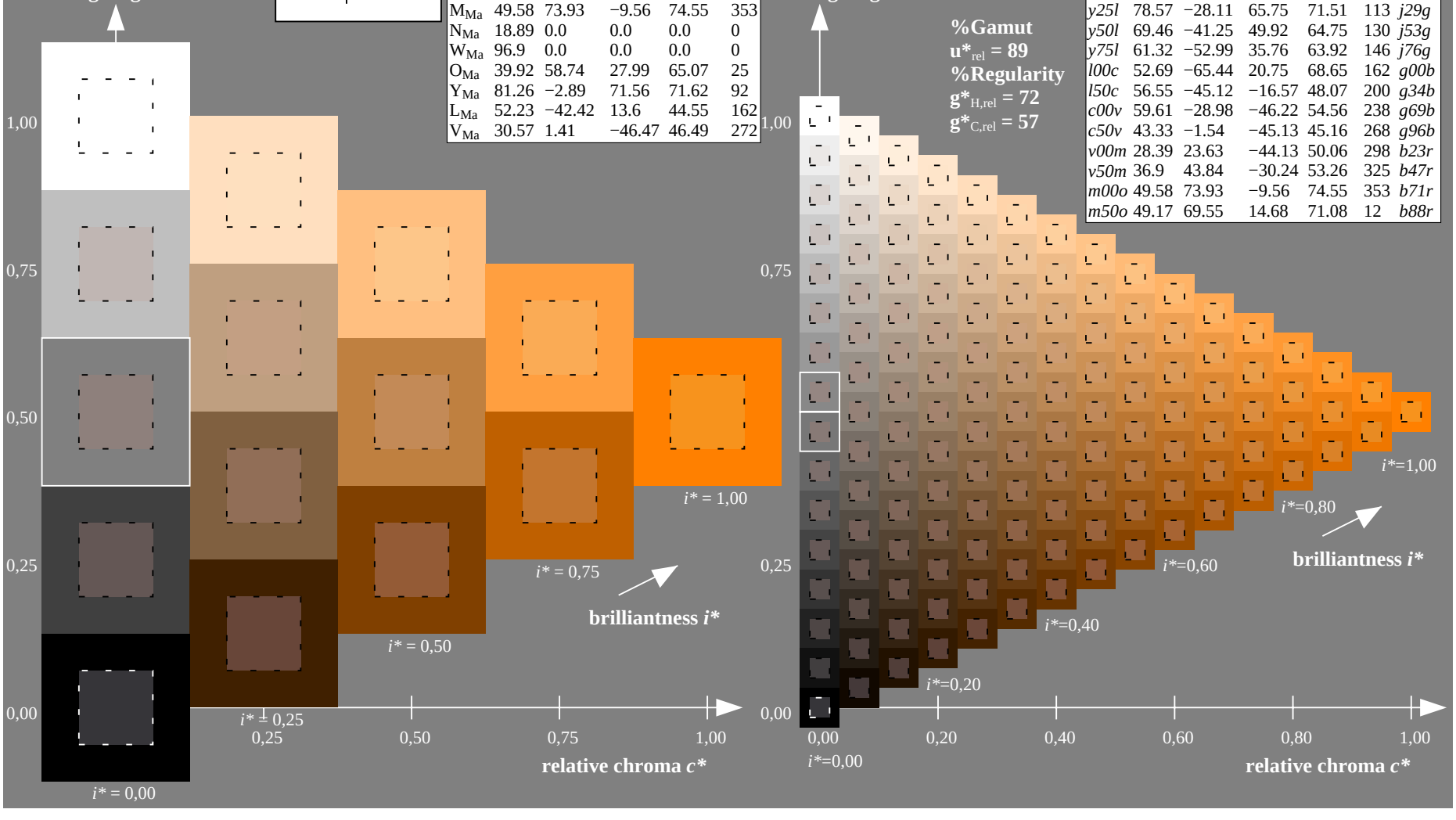
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 68 30 62**
***LAB*LCH*Ma*: 68 69 63**
***lab*olv*Ma*: 1.0 0.5 0.0**
***lab*rgb*Ma*: 1.0 0.58 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

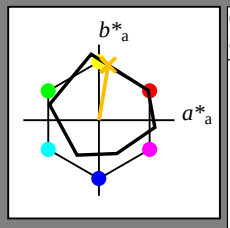


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$ $u^*_d = o75y$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r81j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

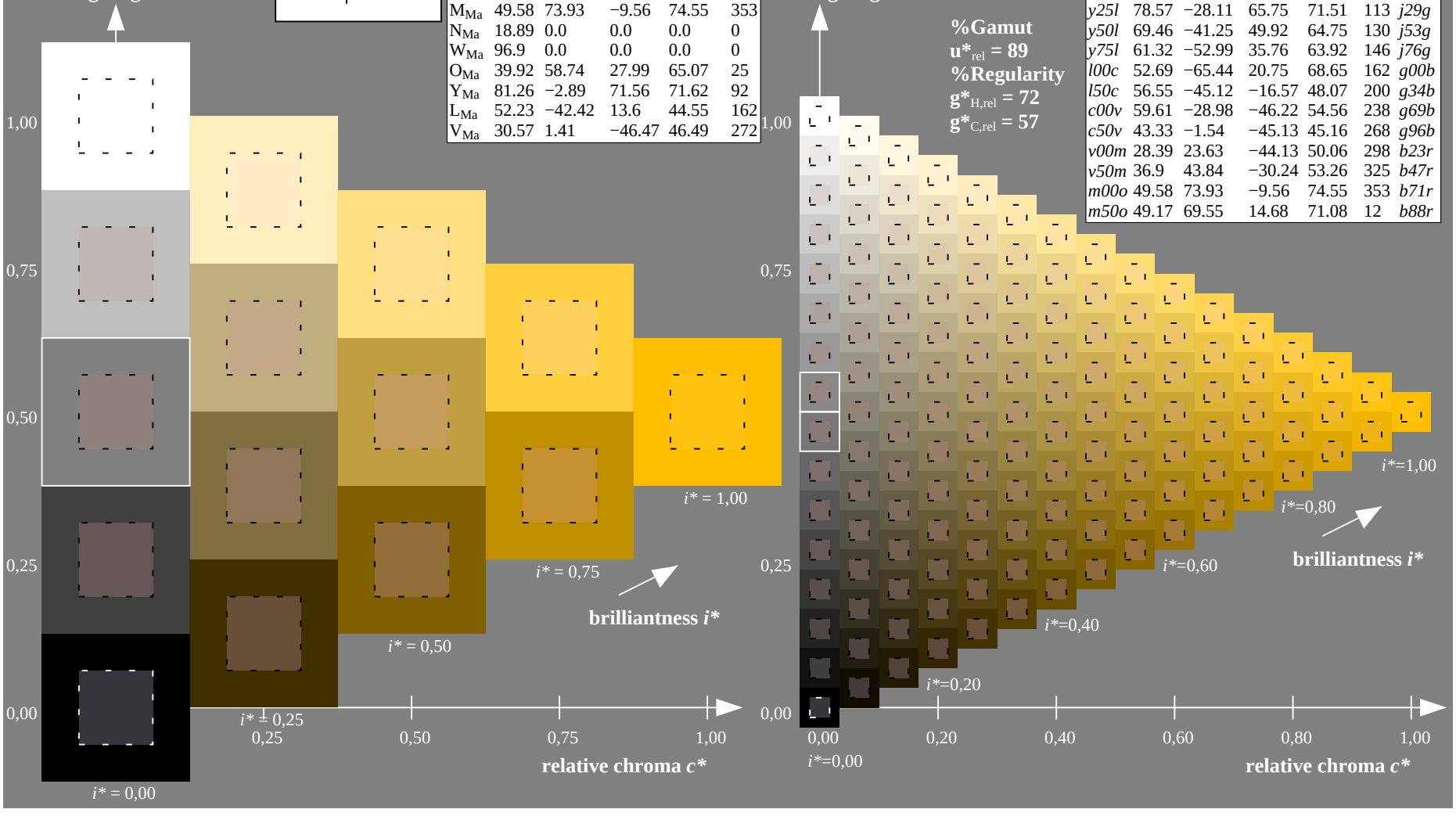
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 78 12 73**
***LAB*LCH*Ma*: 78 74 80**
***lab*olv*Ma*: 1.0 0.75 0.0**
***lab*rgb*Ma*: 1.0 0.82 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

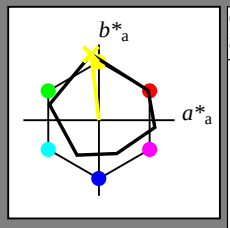
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$ $u^*_d = y00l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

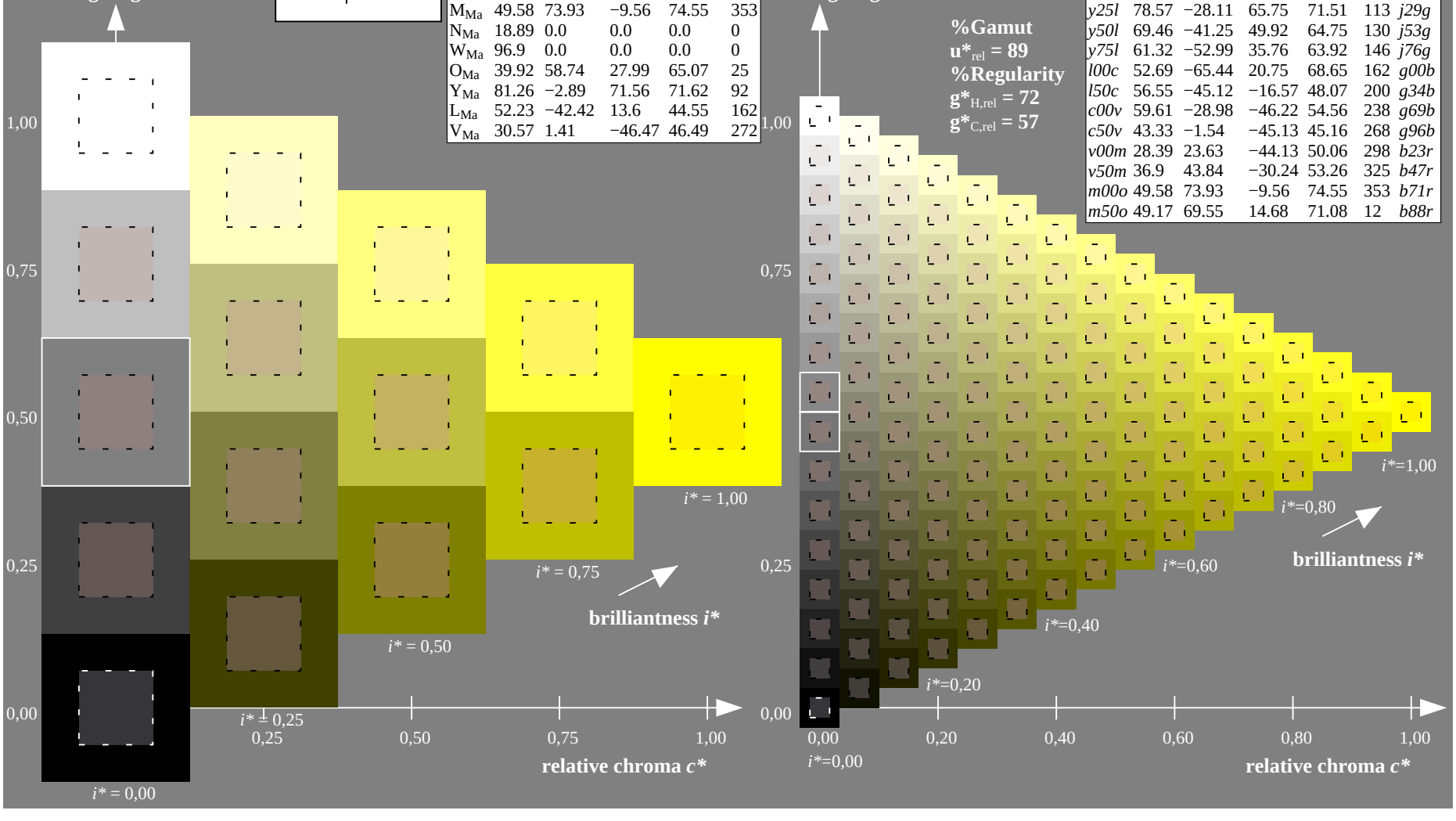
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 91 −10 87**
***LAB*LCH*Ma*: 91 88 96**
***lab*olv*Ma*: 1.0 1.0 0.0**
***lab*rgb*Ma*: 0.94 1.0 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

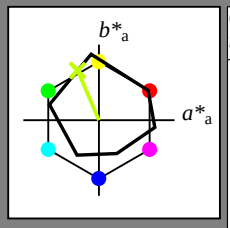


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$ $u^*_d = y25l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j29g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

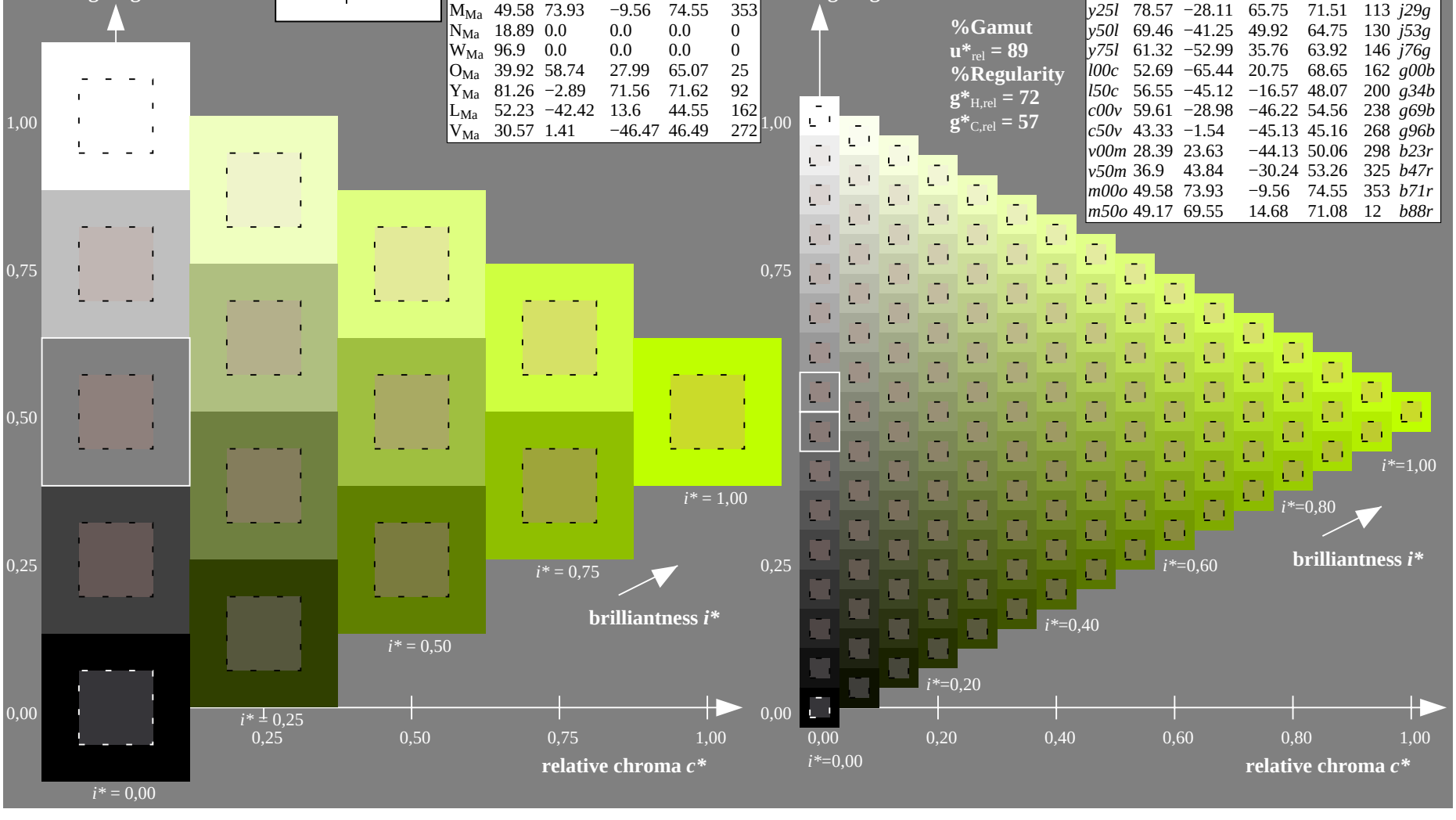
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 79 −28 66**
***LAB*LCH*Ma*: 79 72 113**
***lab*olv*Ma*: 0.75 1.0 0.0**
***lab*rgb*Ma*: 0.7 1.0 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

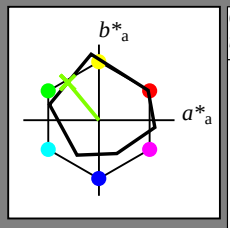


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$ $u^*_d = y50l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

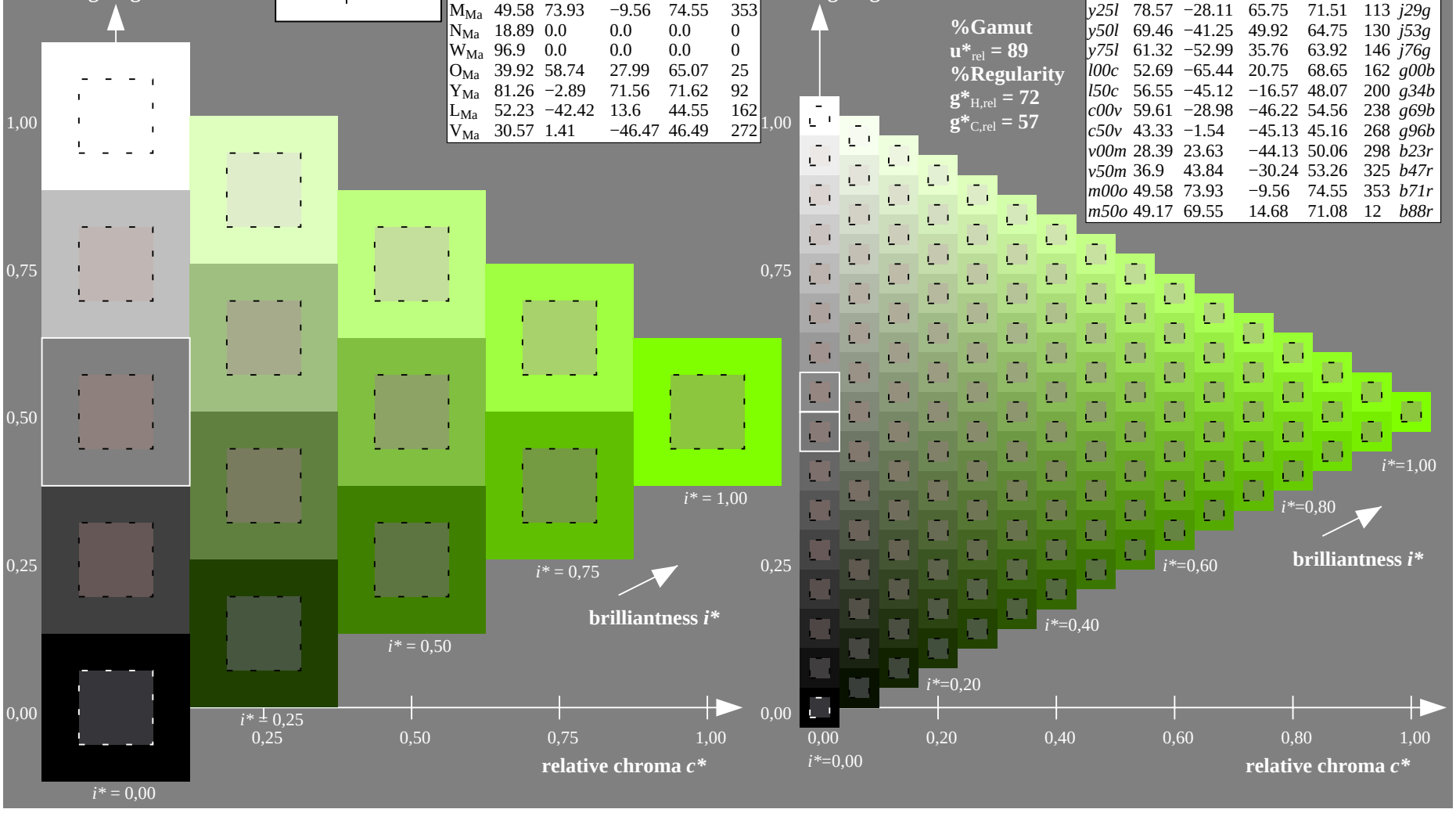
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 69 −41 50**
***LAB*LCH*Ma*: 69 65 129**
***lab*olv*Ma*: 0.5 1.0 0.0**
***lab*rgb*Ma*: 0.47 1.0 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

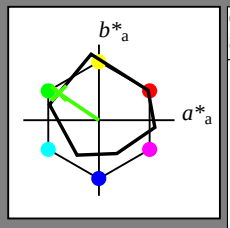


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$ $u^*_d = y75l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

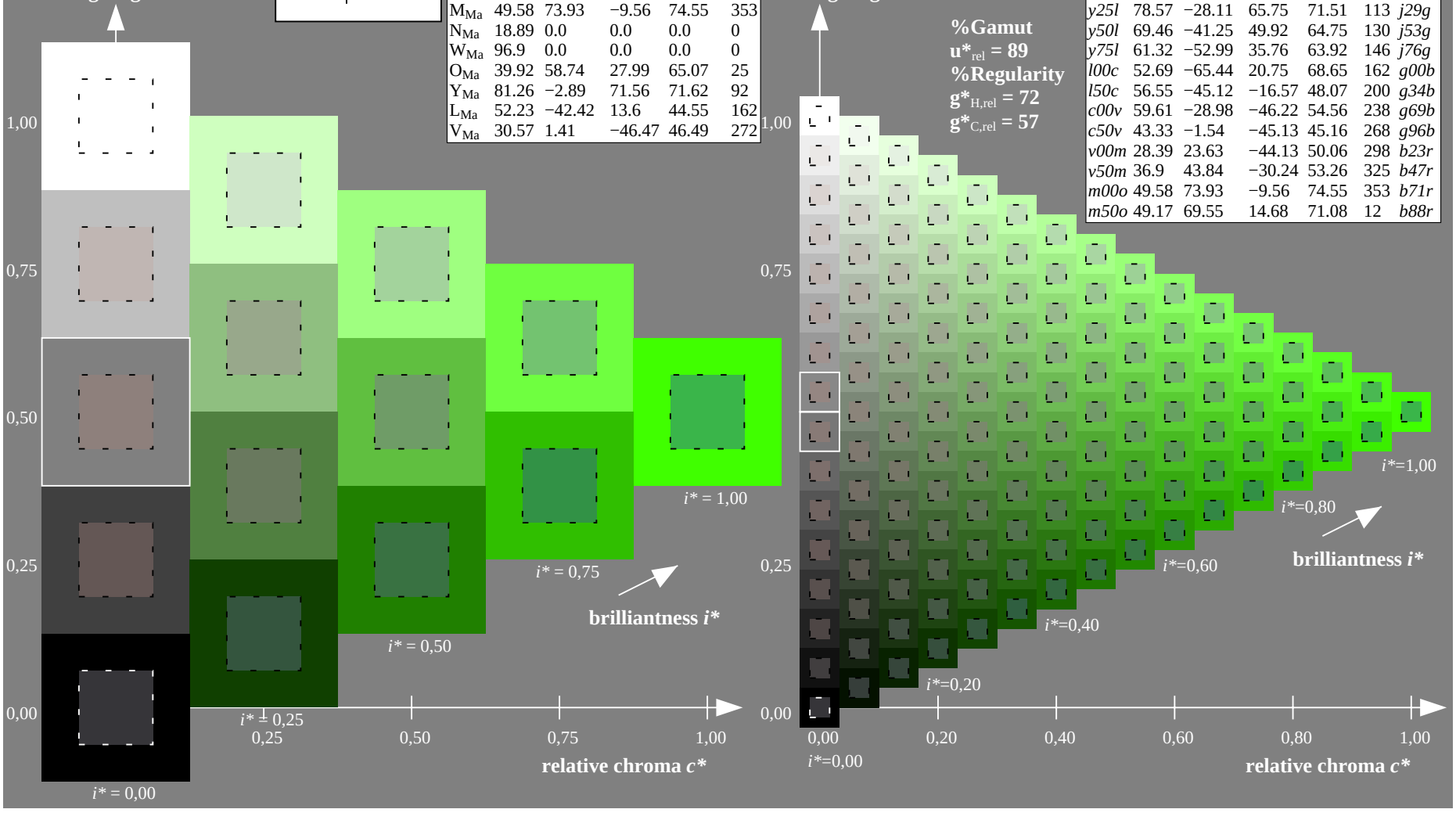
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 61 −53 36**
***LAB*LCH*Ma*: 61 64 145**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.23 1.0 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

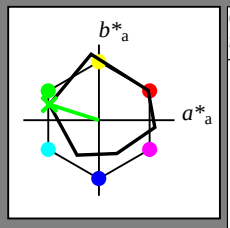
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$ $u^*_d = l00c$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = g00b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

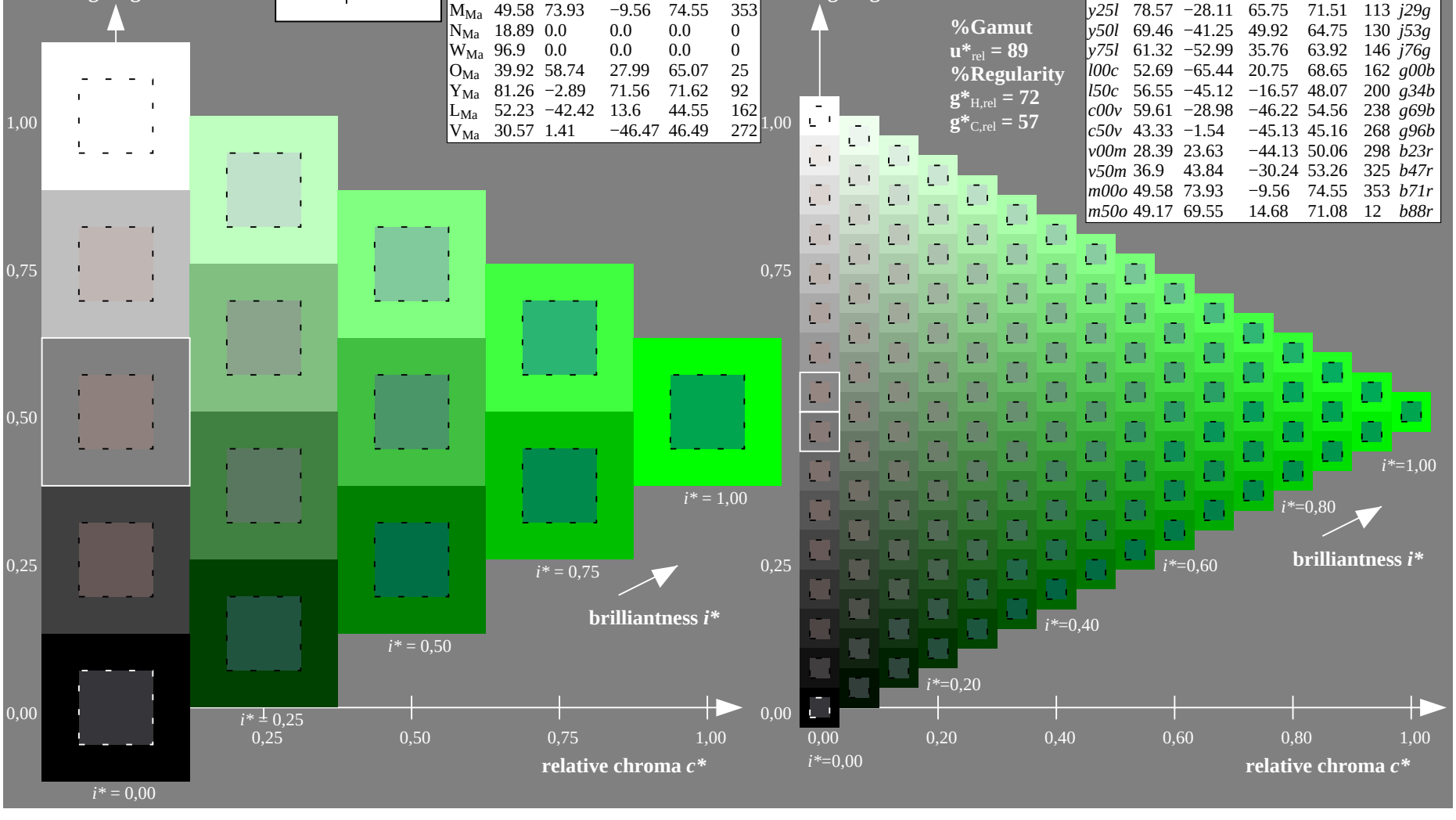
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −65 21
$LAB^*LCH^*_{Ma}$: 53 69 162
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

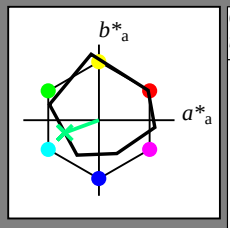


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$ $u^*_d = l50c$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g34b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

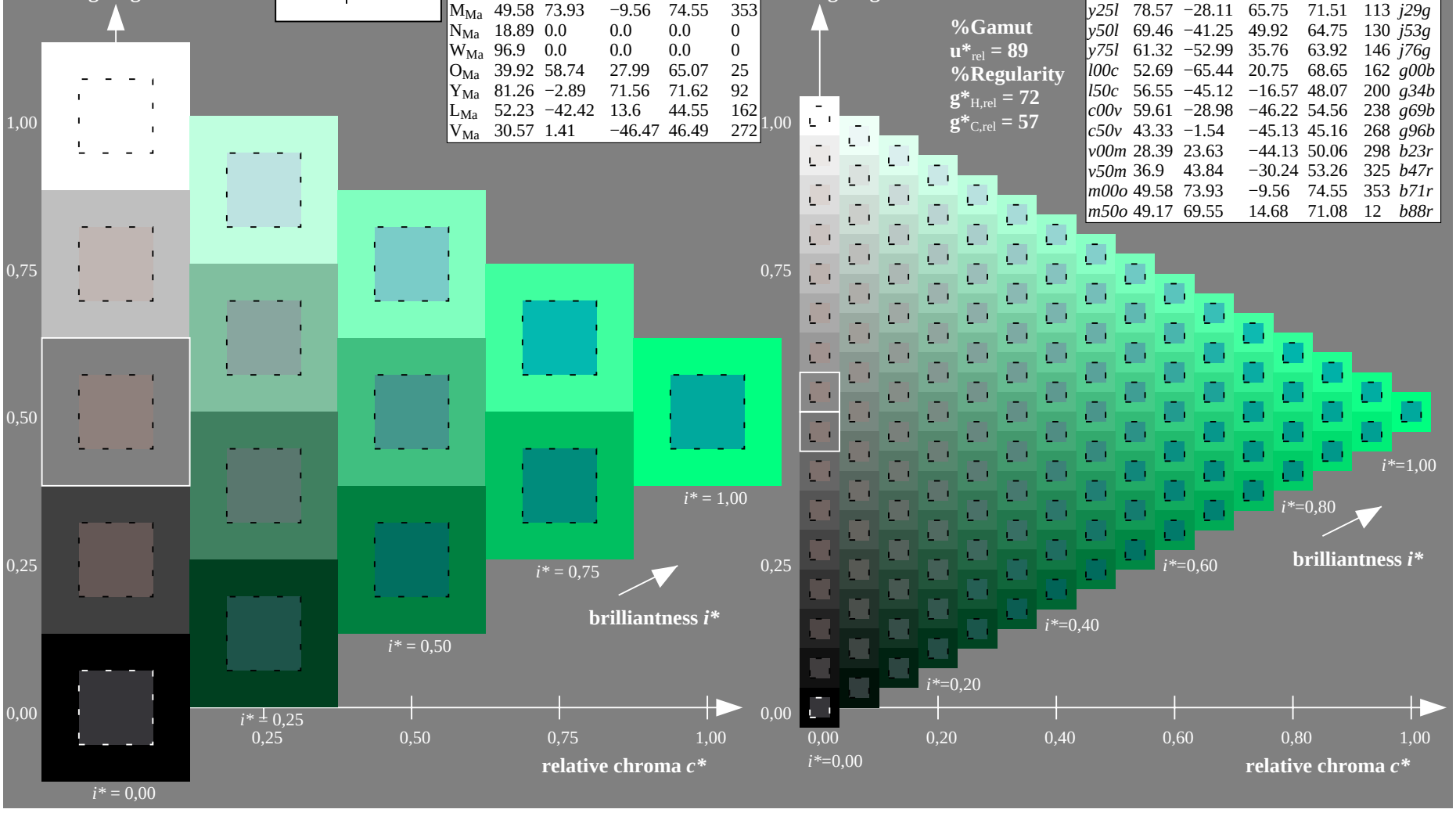
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 57 −45 −17**
***LAB*LCH*Ma*: 57 48 200**
***lab*olv*Ma*: 0.0 1.0 0.5**
***lab*rgb*Ma*: 0.0 1.0 0.69**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

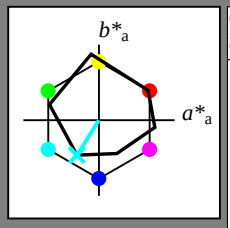


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$ $u^*_d = c00v$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

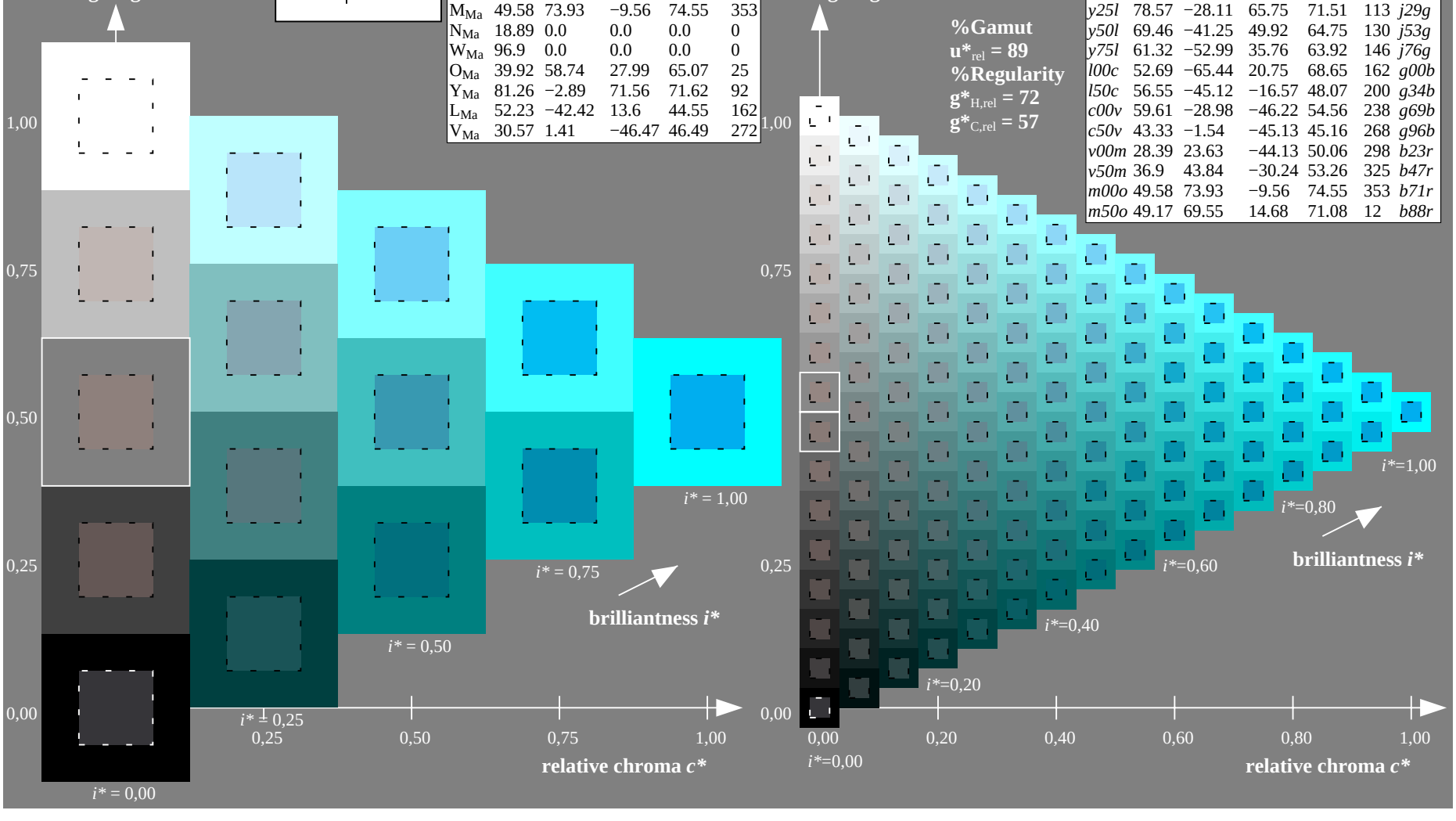
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 60 −29 −46**
***LAB*LCH**$_{Ma}$: 60 55 237**
***lab*olv**$_{Ma}$: 0.0 1.0 1.0**
***lab*rgb**$_{Ma}$: 0.0 0.62 1.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

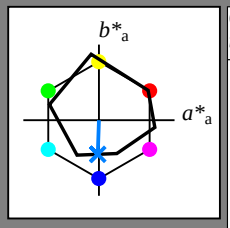


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$ $u^*_d = c50v$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

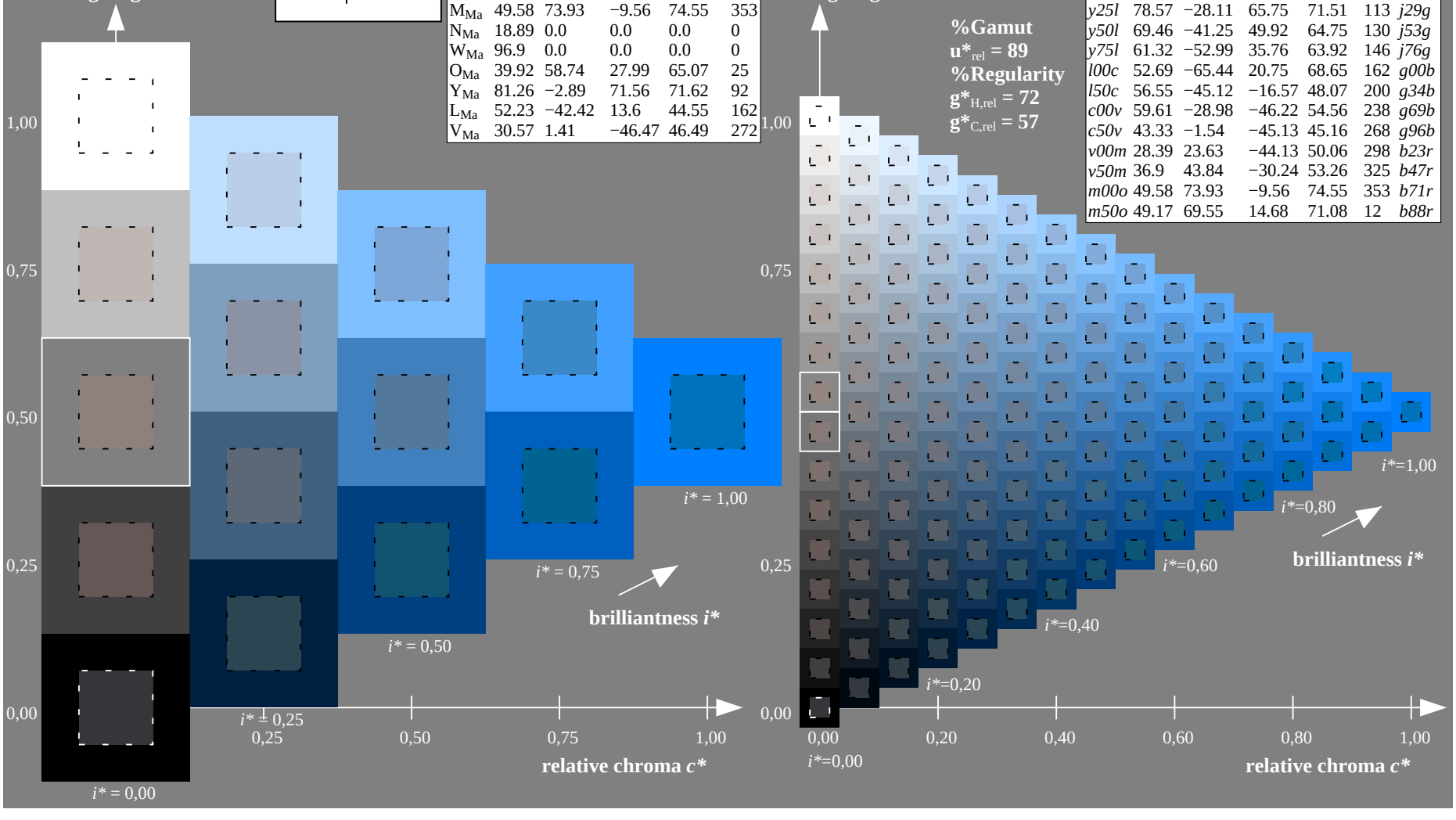
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 43 −2 −45**
***LAB*LCH*Ma*: 43 45 268**
***lab*olv*Ma*: 0.0 0.5 1.0**
***lab*rgb*Ma*: 0.0 0.07 1.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

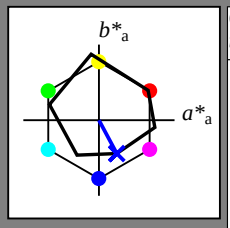


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$ **$u^*_d = v00m$**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

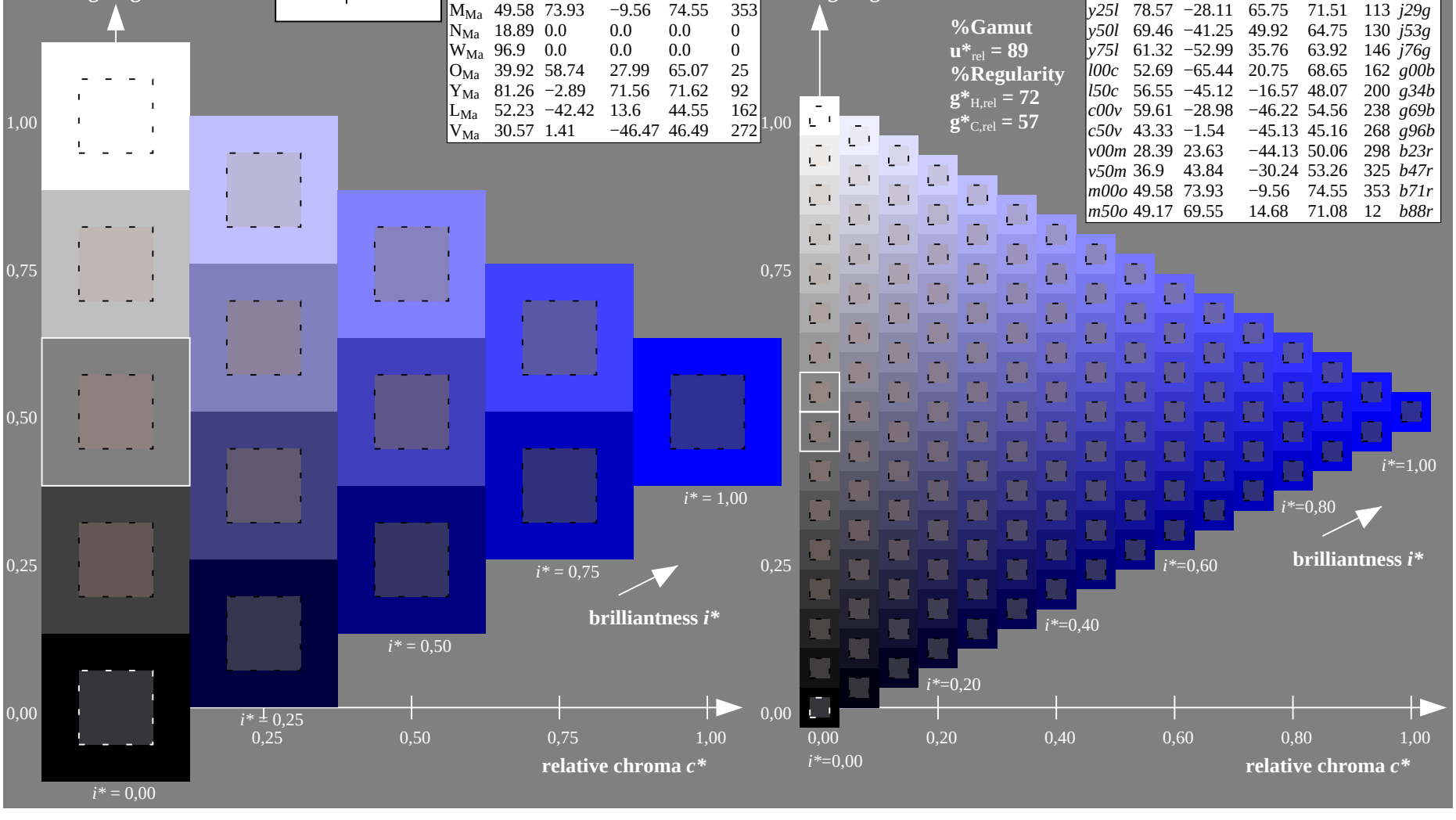
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 28 24 −44**
***LAB*LCH*Ma*: 28 50 298**
***lab*olv*Ma*: 0.0 0.0 1.0**
***lab*rgb*Ma*: 0.46 0.0 1.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

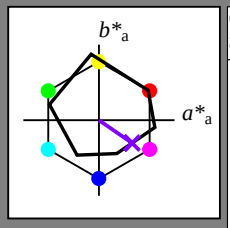


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$ **$u^*_d = v50m$**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

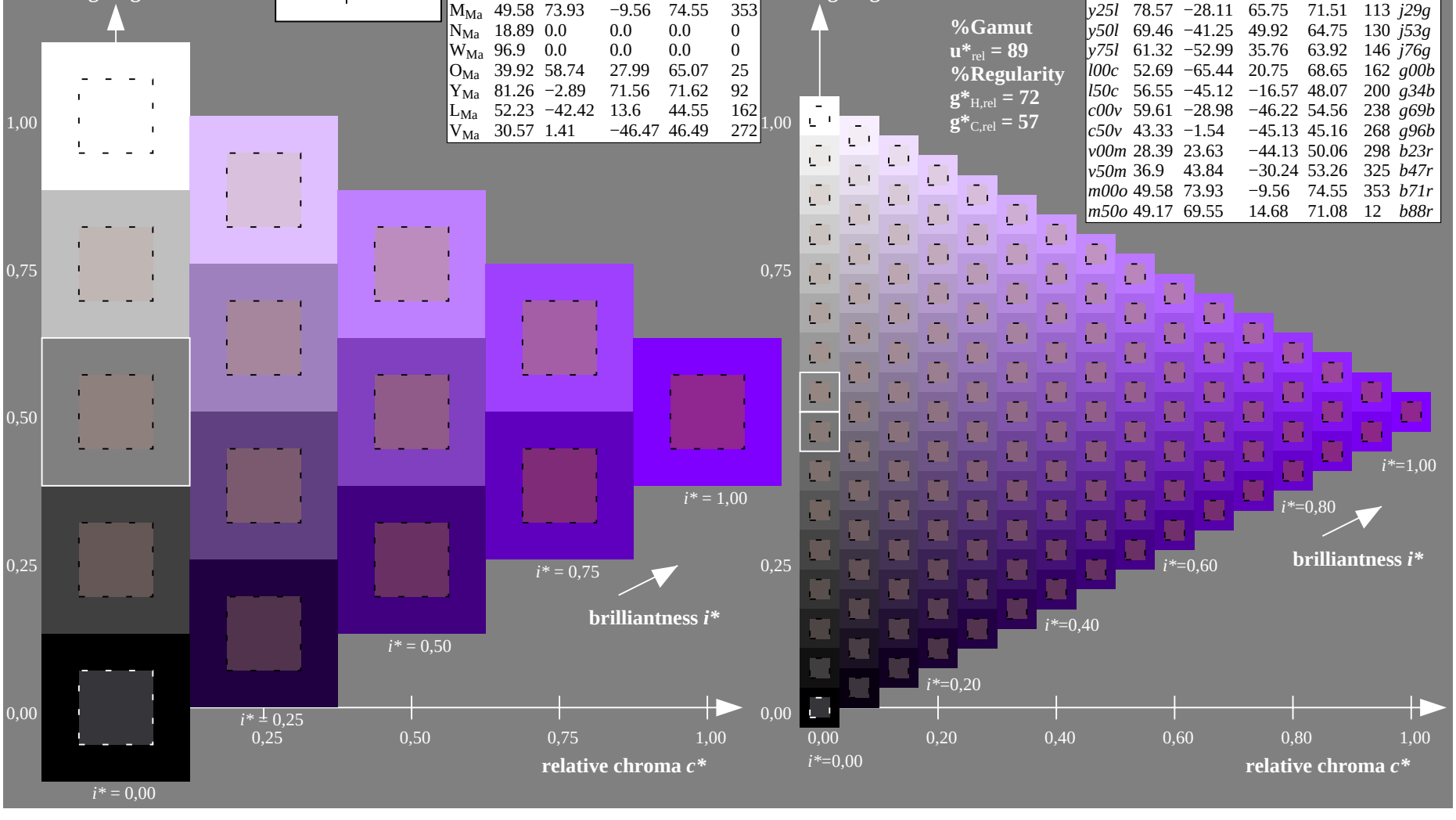
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 37 44 −30**
***LAB*LCH*Ma*: 37 53 325**
***lab*olv*Ma*: 0.5 0.0 1.0**
***lab*rgb*Ma*: 0.94 0.0 1.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

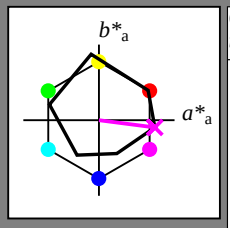


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$ **$u^*_d = m00o$**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m00o$ $u^*_e = b71r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

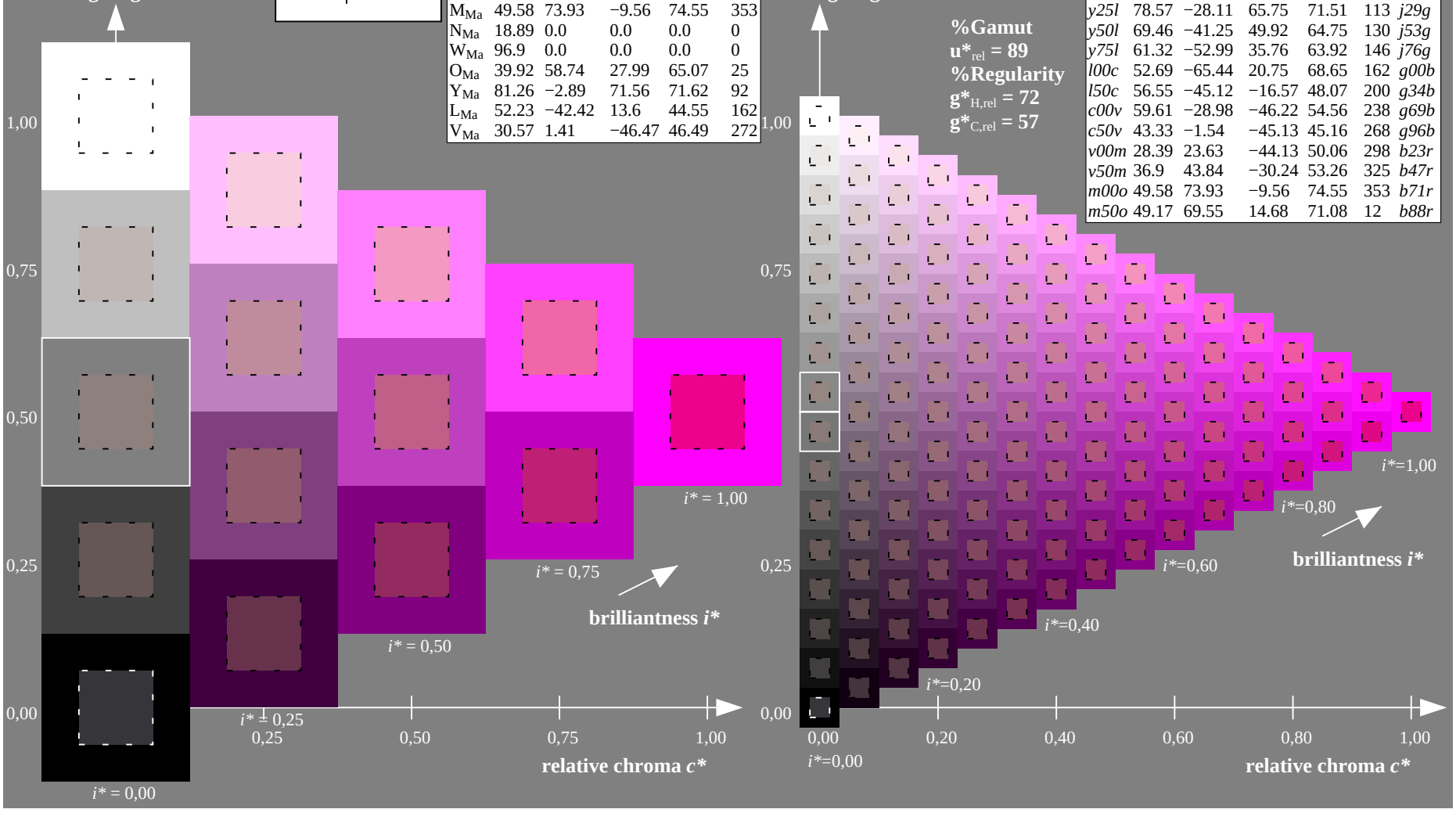
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 50 74 −10**
***LAB*LCH*Ma*: 50 75 352**
***lab*olv*Ma*: 1.0 0.0 1.0**
***lab*rgb*Ma*: 1.0 0.0 0.58**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

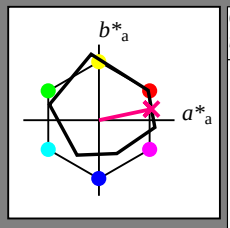


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$ **$u^*_d = m50o$**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b88r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

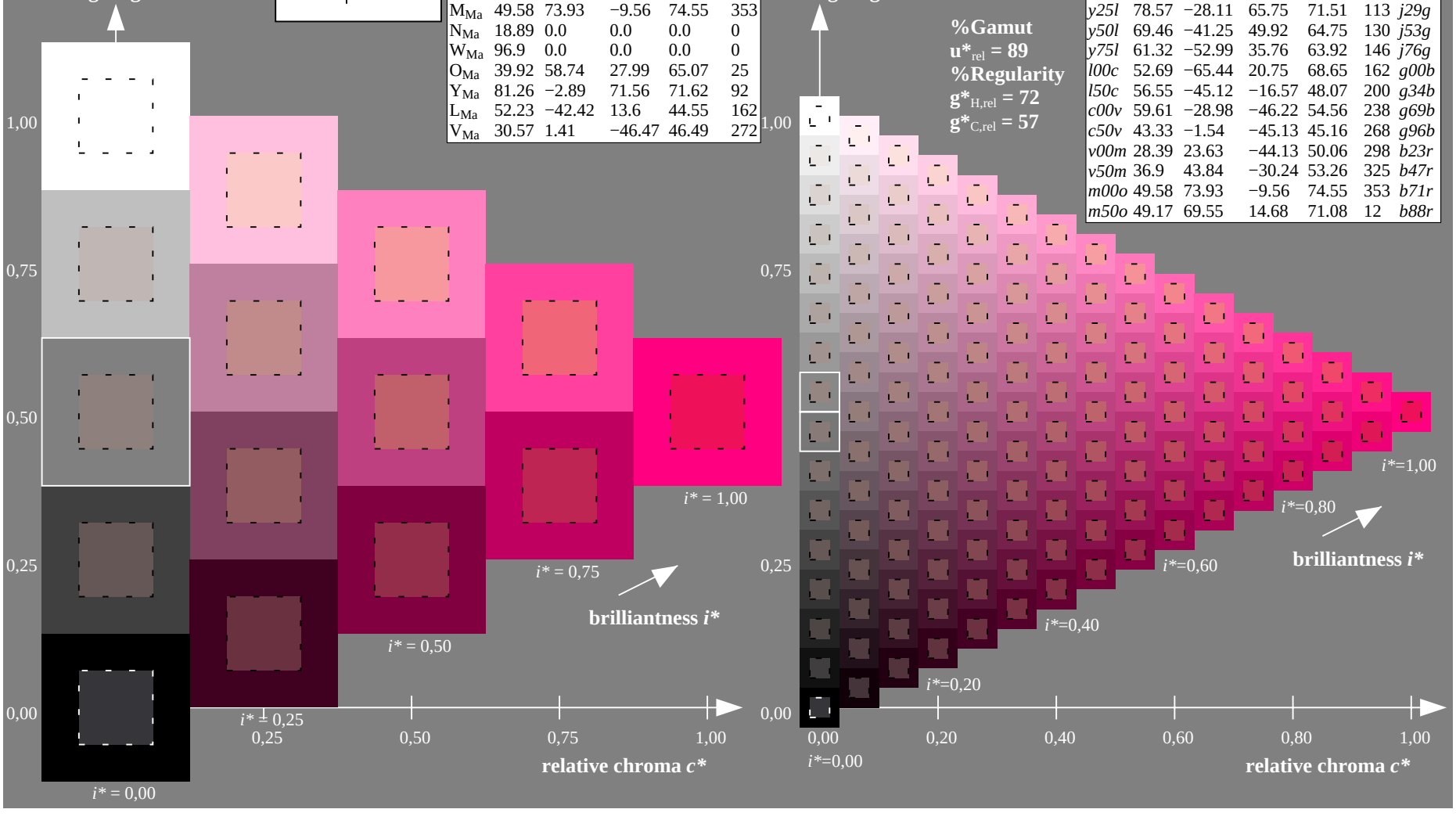
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 49 70 15**
***LAB*LCH*Ma*: 49 71 11**
***lab*olv*Ma*: 1.0 0.0 0.5**
***lab*rgb*Ma*: 1.0 0.0 0.24**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

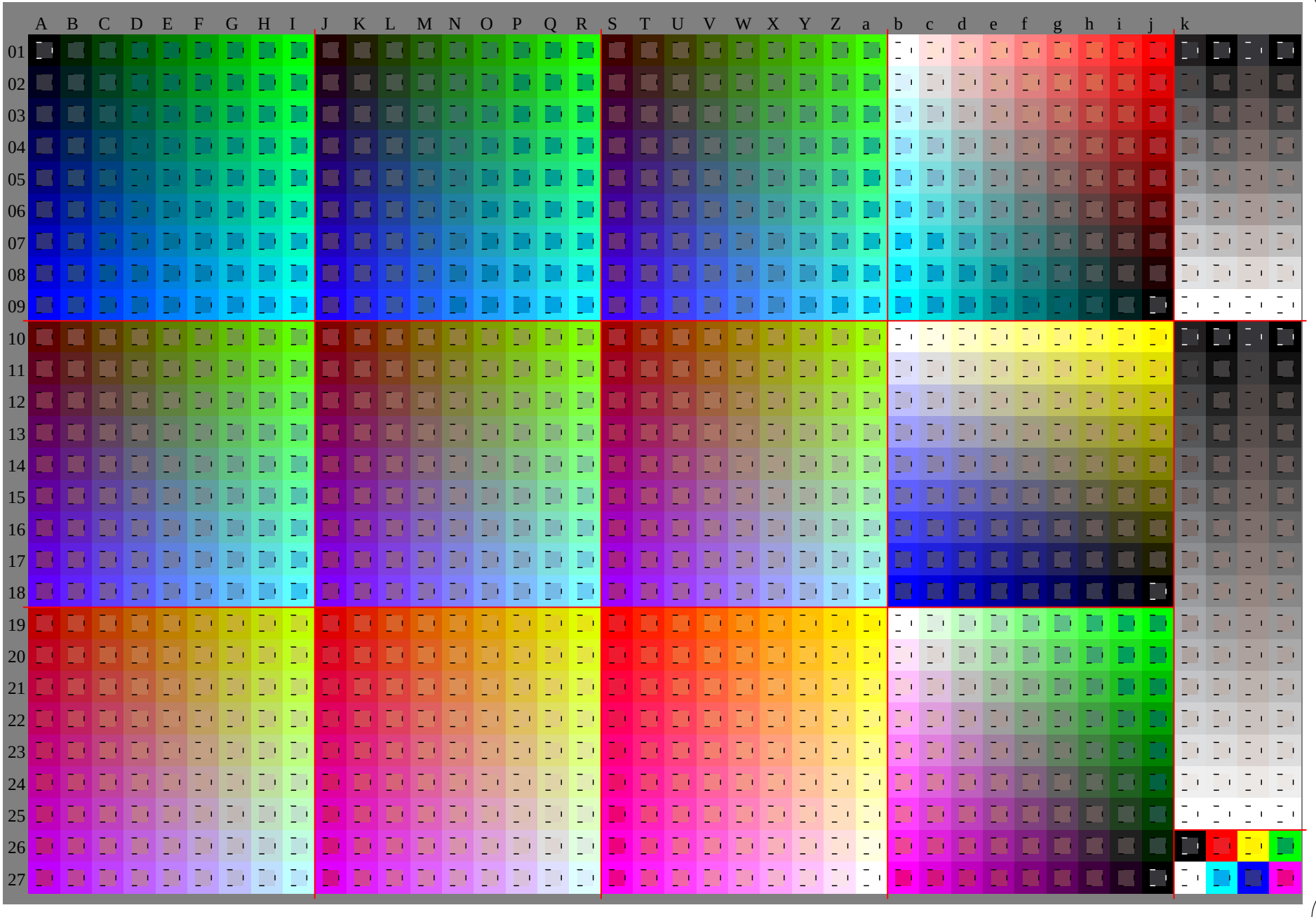
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

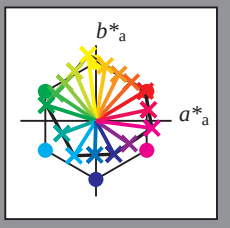
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems



Input and output:
Colorimetric Printer Reflective System ORS19_96a
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

ORS19_96a; adapted (a) CIELAB data

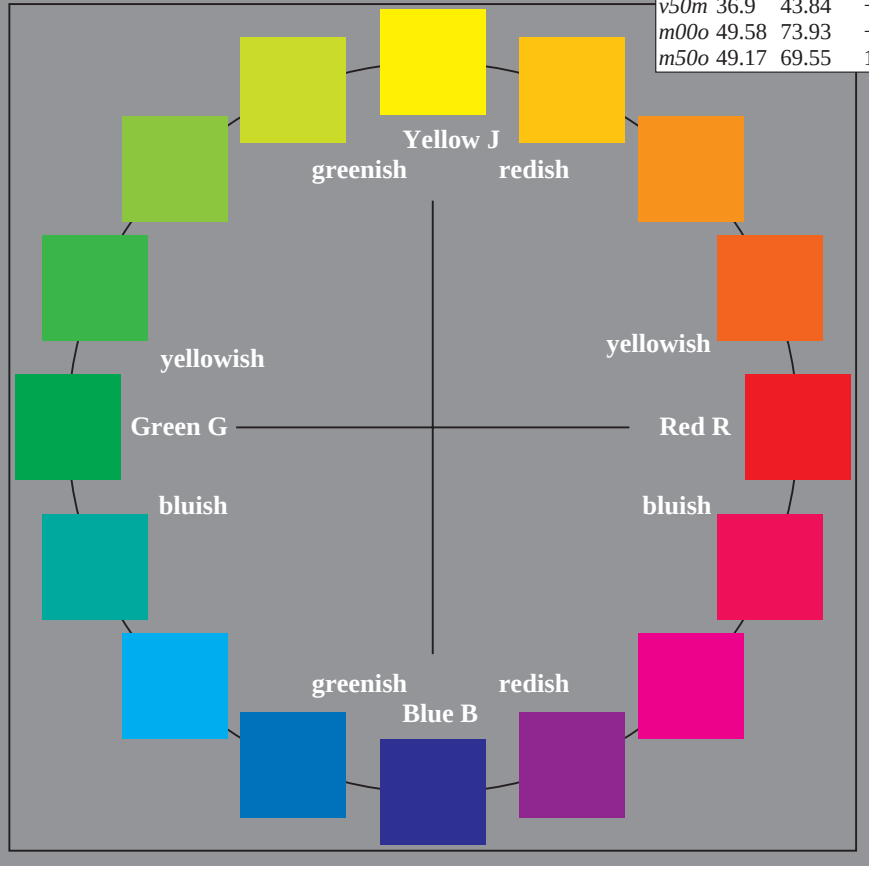
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

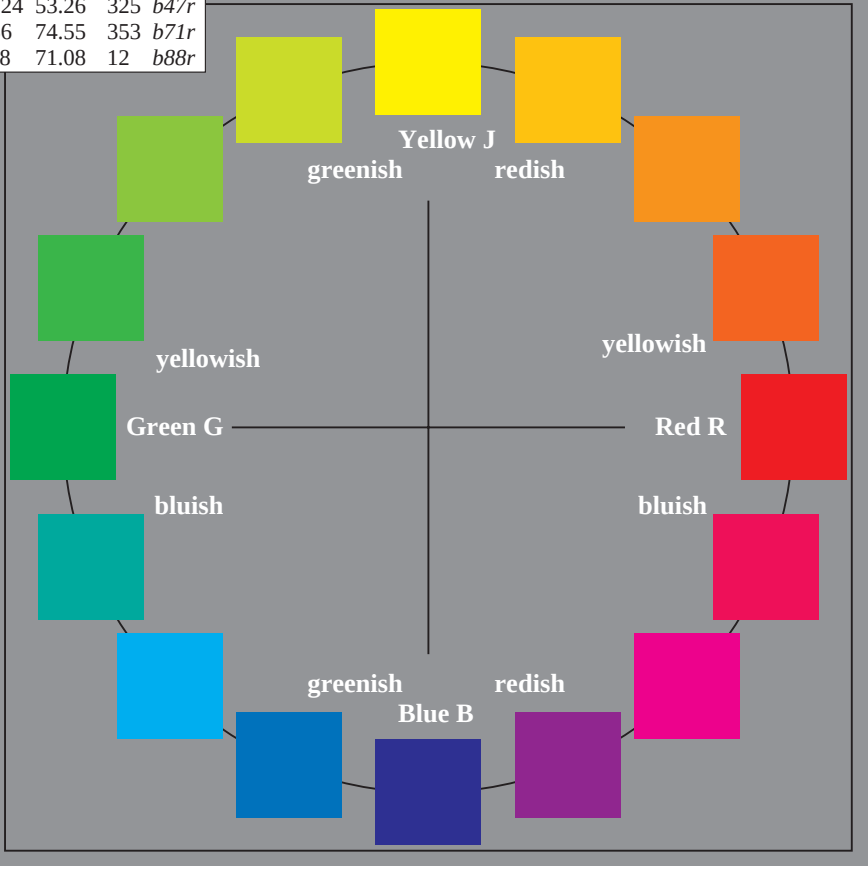


%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

ORS19_96a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



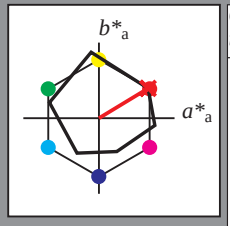


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$ $u^*_d = o00y$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

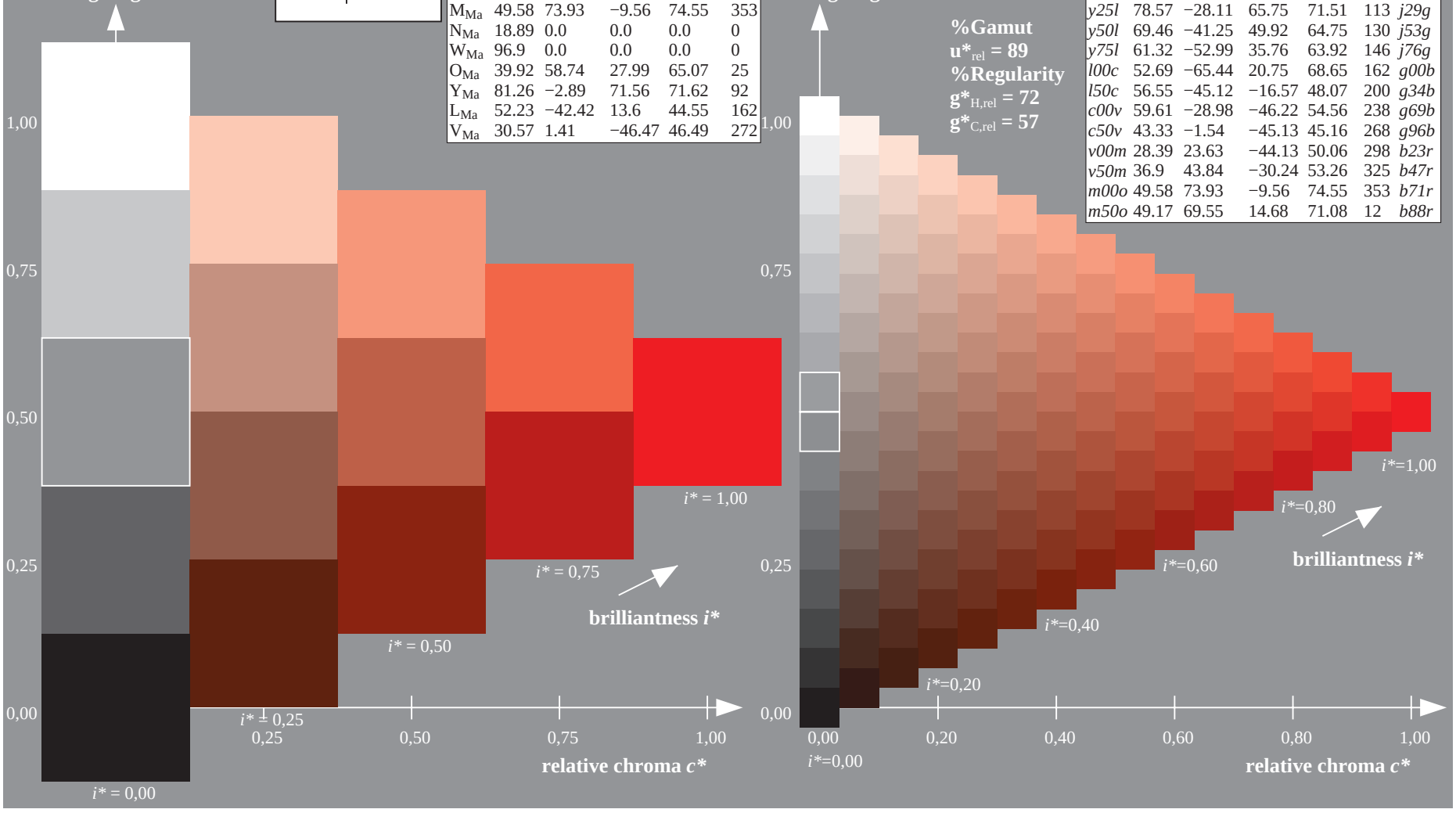
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 49 65 39**
***LAB*LCH*Ma*: 49 76 31**
***lab*olv*Ma*: 1.0 0.0 0.0**
***lab*rgb*Ma*: 1.0 0.09 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

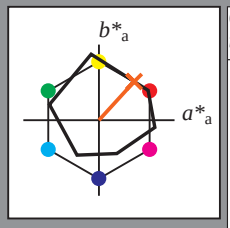


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$ $u^*_d = o25y$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o25y$ $u^*_e = r33j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

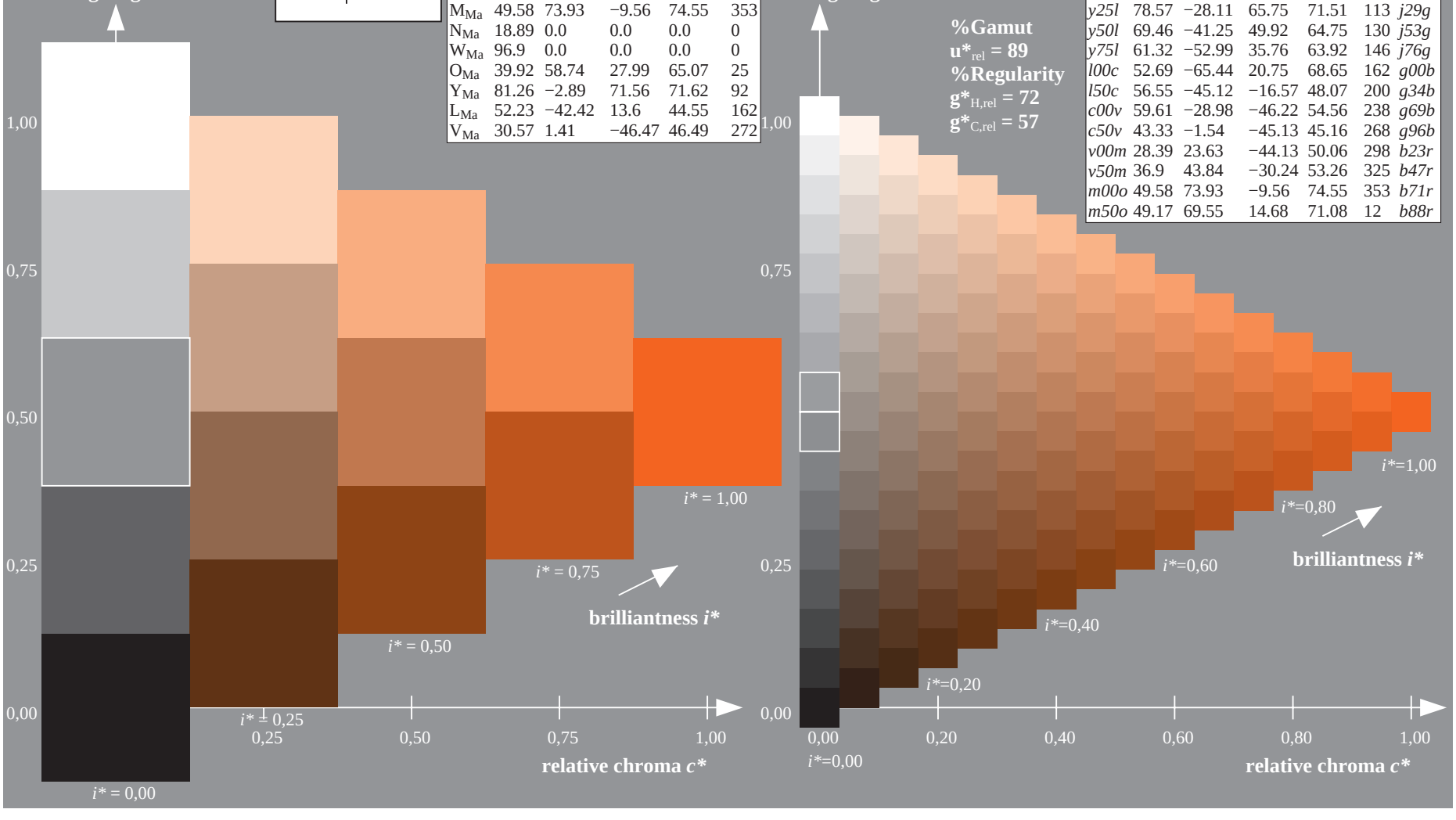
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 59 47 51**
***LAB*LCH*Ma*: 59 69 47**
***lab*olv*Ma*: 1.0 0.25 0.0**
***lab*rgb*Ma*: 1.0 0.33 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

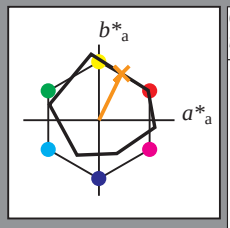


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$ $u^*_d = o50y$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o50y$ $u^*_e = r57j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

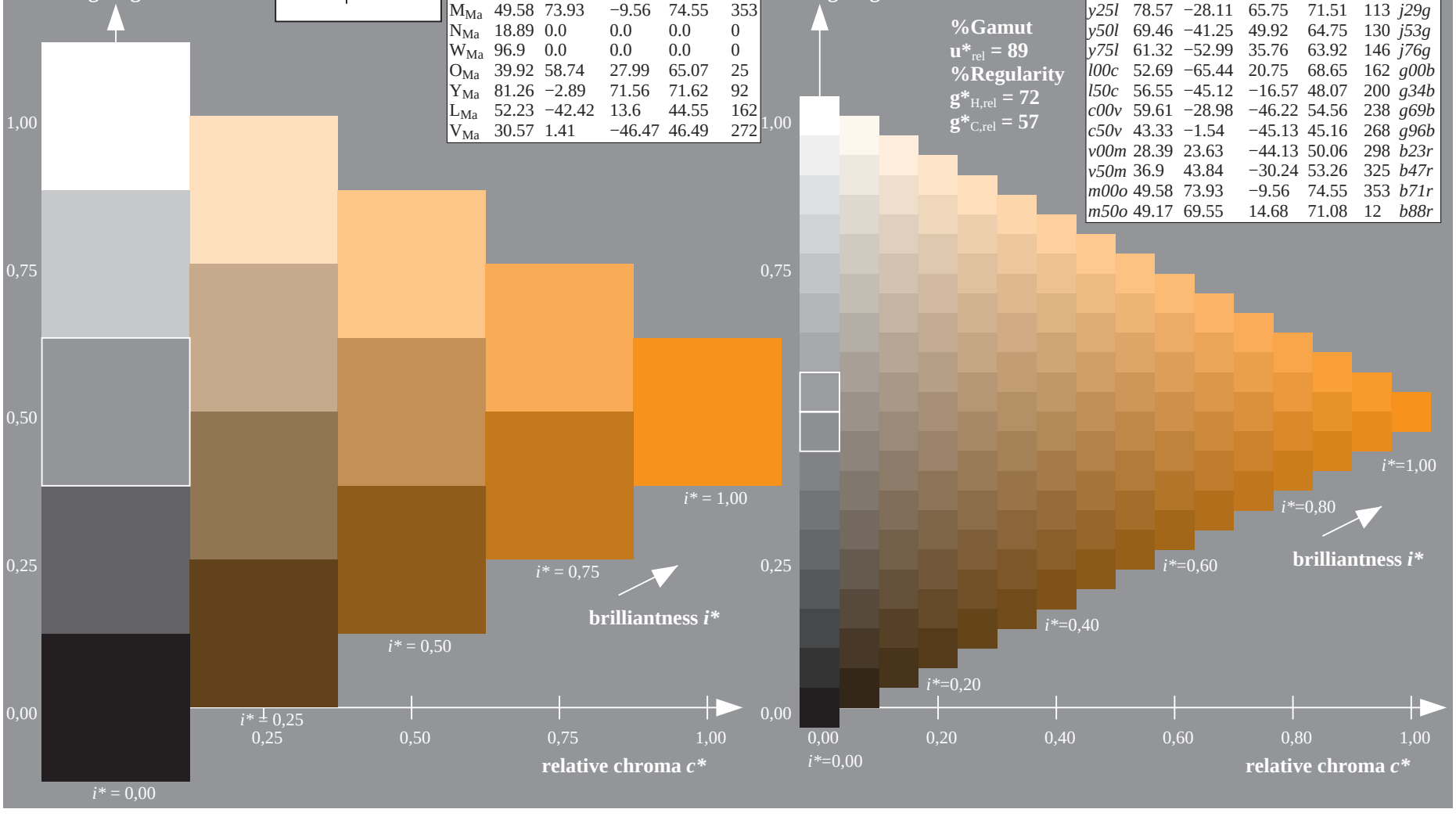
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 68 30 62**
***LAB*LCH*Ma*: 68 69 63**
***lab*olv*Ma*: 1.0 0.5 0.0**
***lab*rgb*Ma*: 1.0 0.58 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

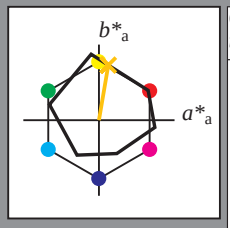


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$ $u^*_d = o75y$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r81j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

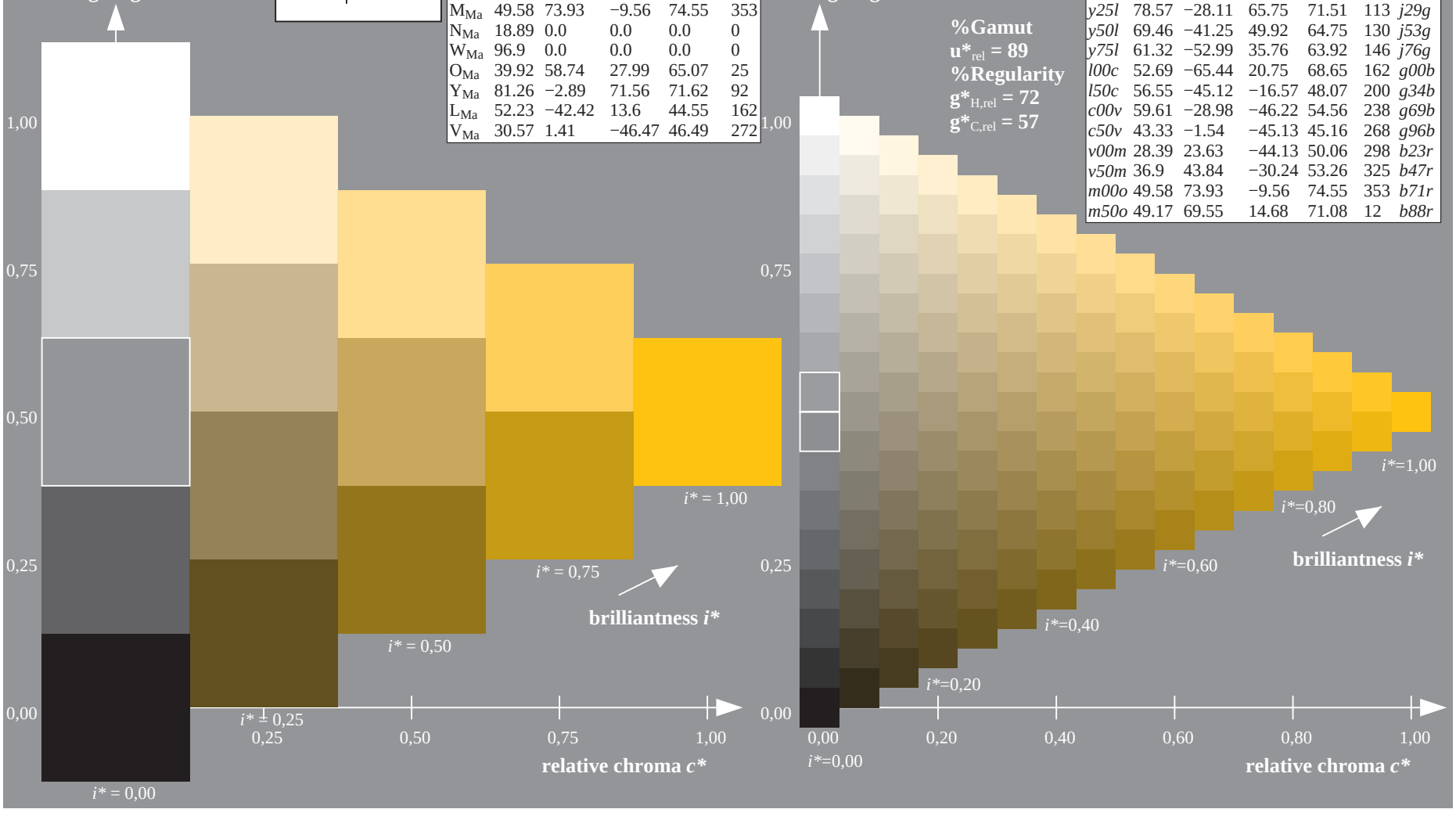
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 78 12 73**
***LAB*LCH*Ma*: 78 74 80**
***lab*olv*Ma*: 1.0 0.75 0.0**
***lab*rgb*Ma*: 1.0 0.82 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

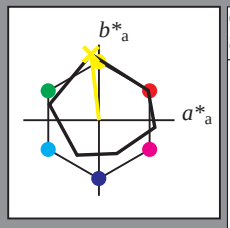


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$ $u^*_d = y00l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

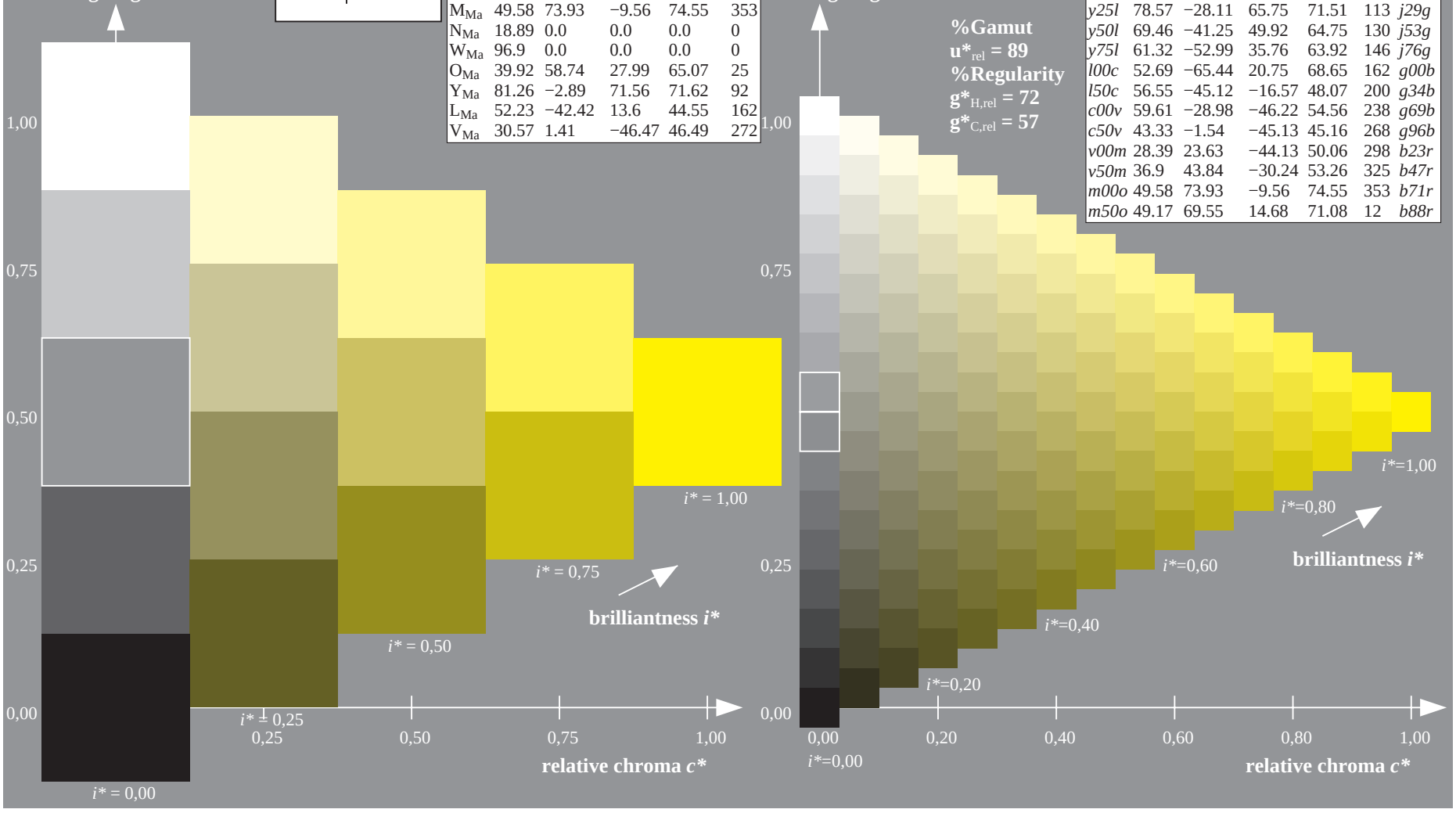
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 91 −10 87**
***LAB*LCH**$_{Ma}$: 91 88 96**
***lab*olv**$_{Ma}$: 1.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.94 1.0 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

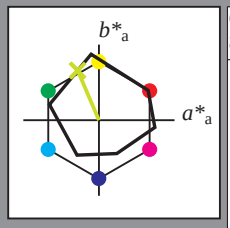


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$ $u^*_d = y25l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j29g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

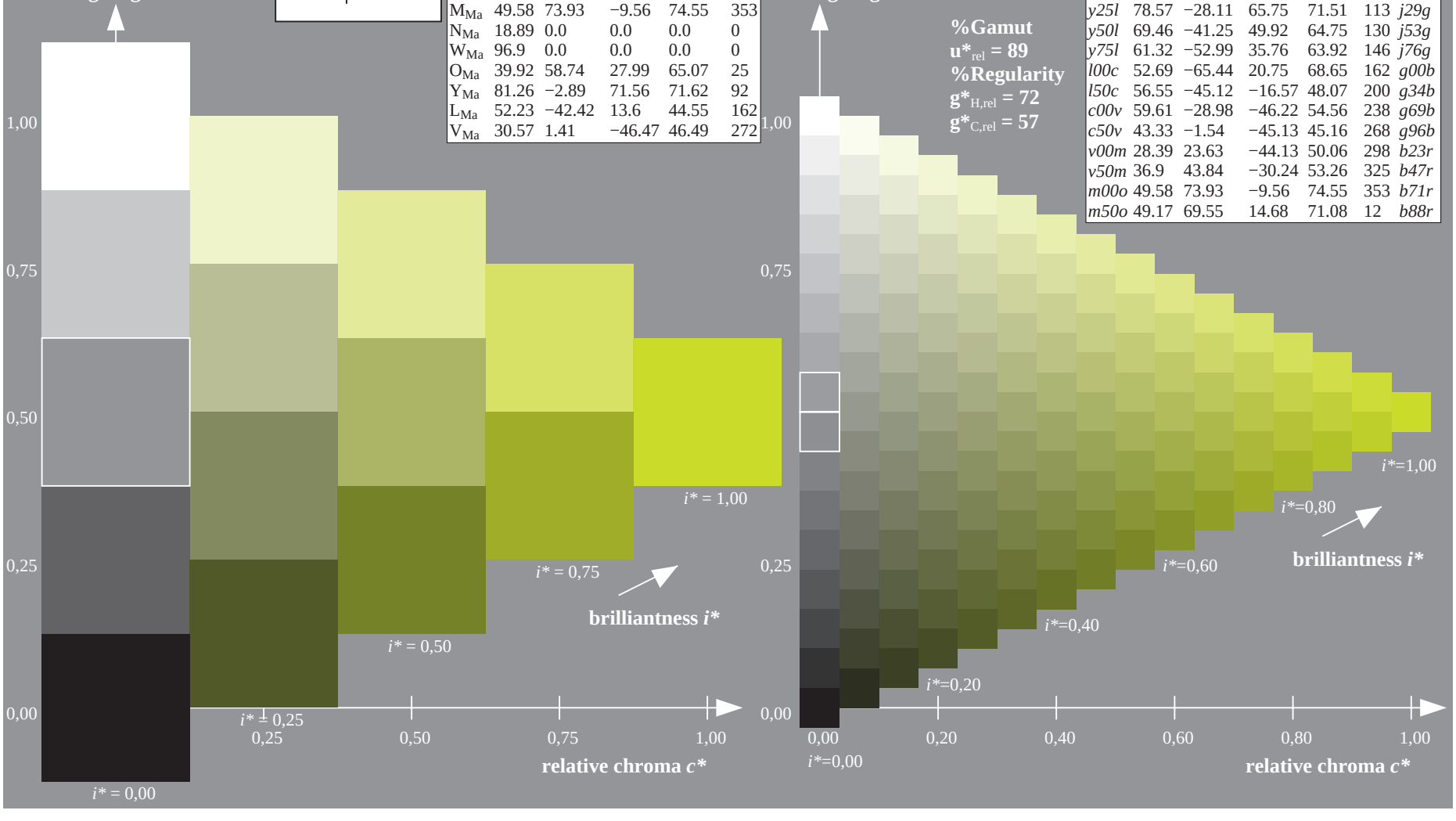
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 79 −28 66**
***LAB*LCH*Ma*: 79 72 113**
***lab*olv*Ma*: 0.75 1.0 0.0**
***lab*rgb*Ma*: 0.7 1.0 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

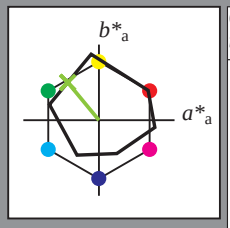


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$ $u^*_d = y50l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

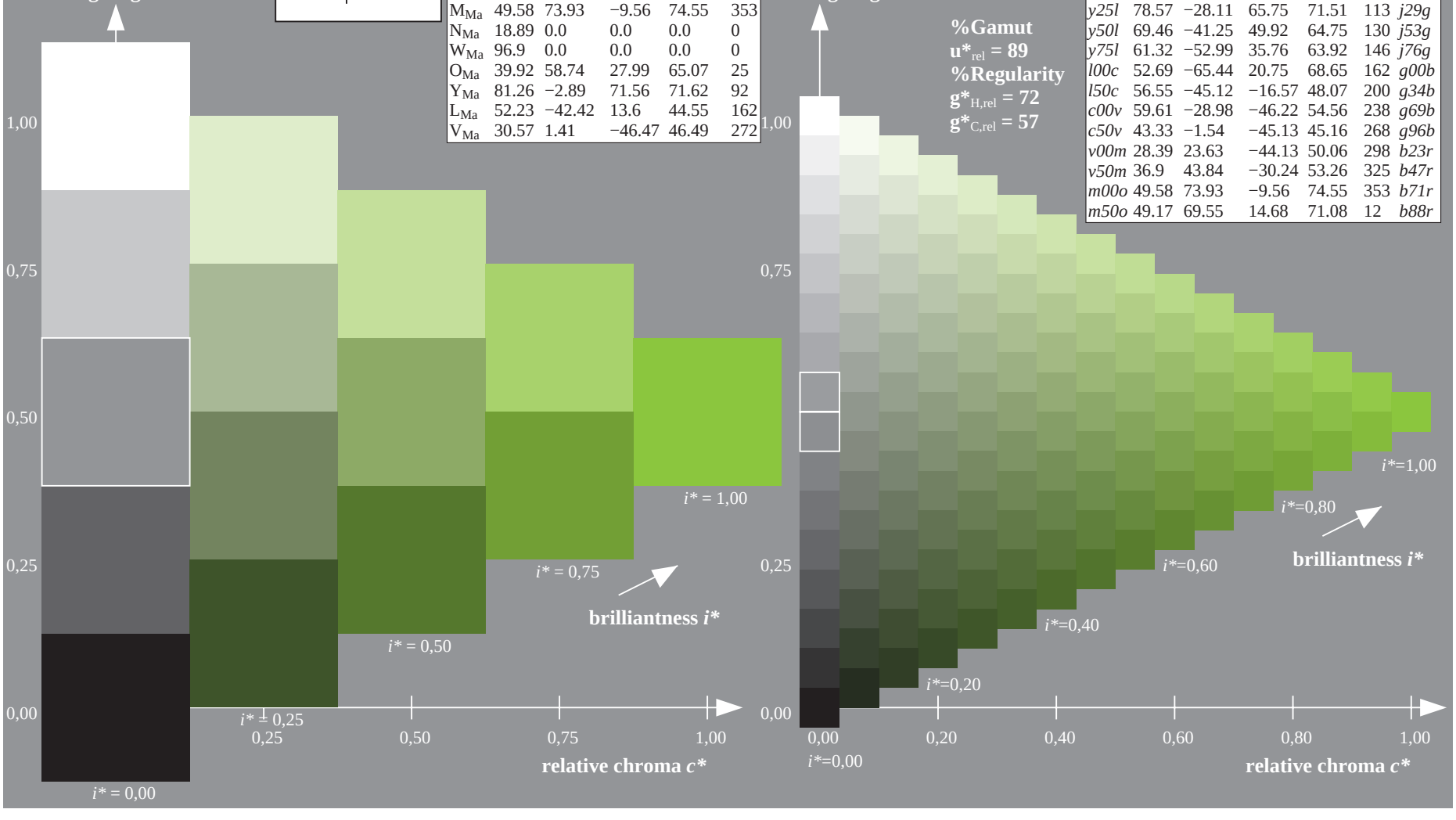
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 69 −41 50**
***LAB*LCH*Ma*: 69 65 129**
***lab*olv*Ma*: 0.5 1.0 0.0**
***lab*rgb*Ma*: 0.47 1.0 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

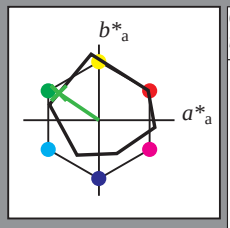


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$ $u^*_d = y75l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

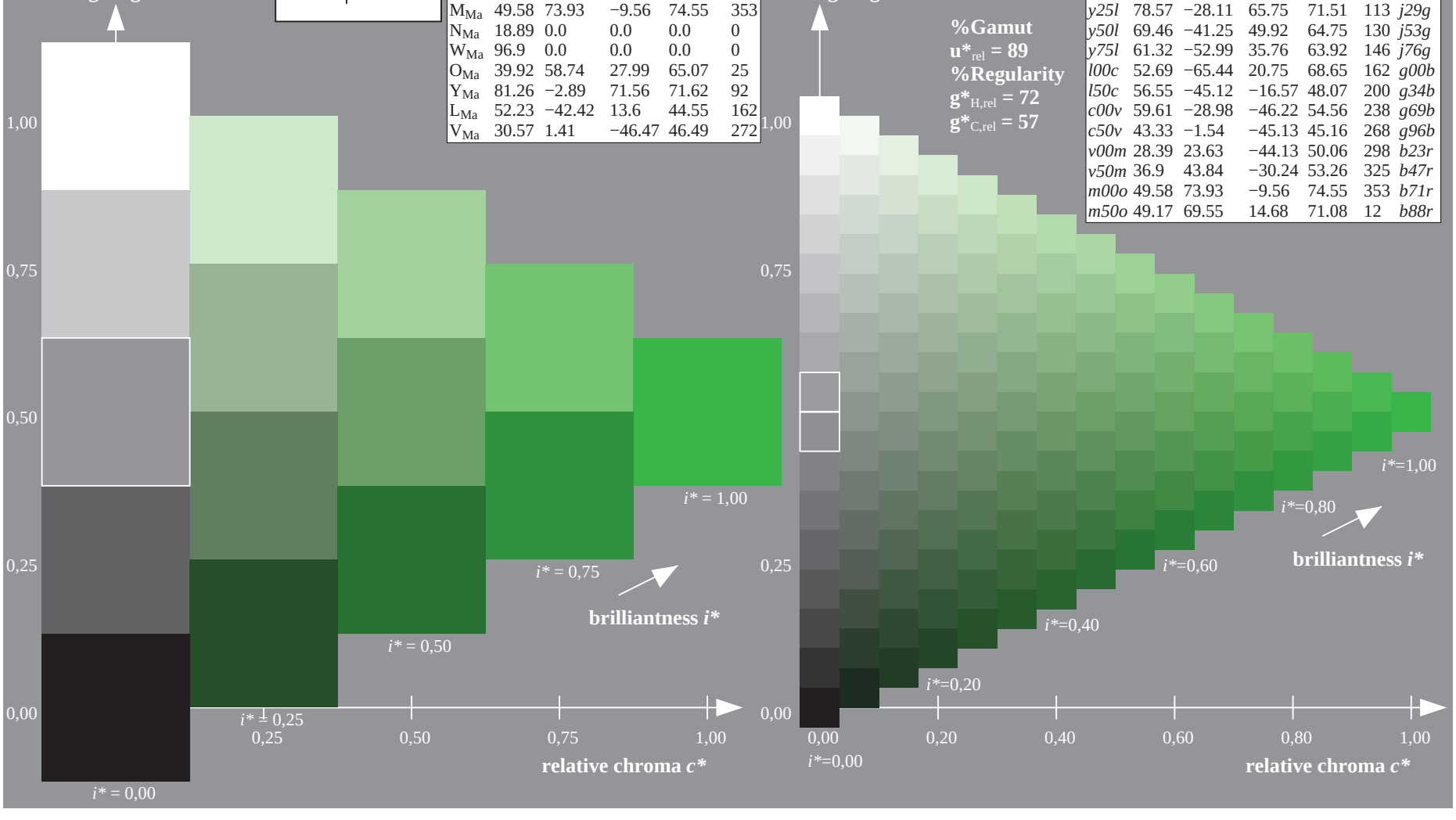
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 61 −53 36**
***LAB*LCH*Ma*: 61 64 145**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.23 1.0 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

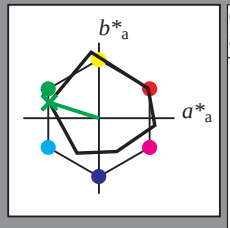


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$ $u^*_d = l00c$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = g00b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

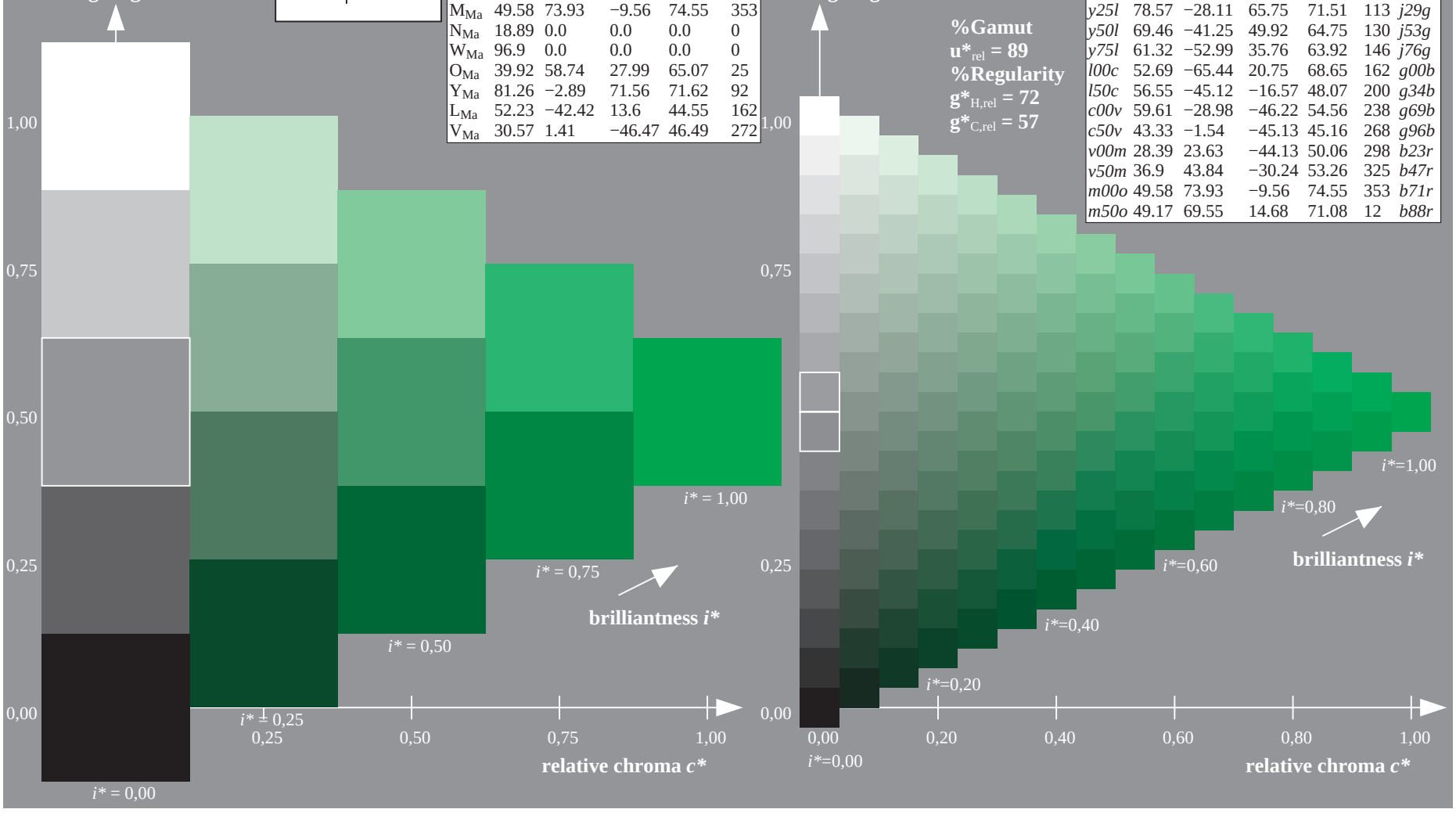
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 53 −65 21**
***LAB*LCH*Ma*: 53 69 162**
***lab*olv*Ma*: 0.0 1.0 0.0**
***lab*rgb*Ma*: 0.0 1.0 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

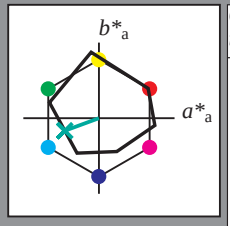


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$ $u^*_d = l50c$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g34b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

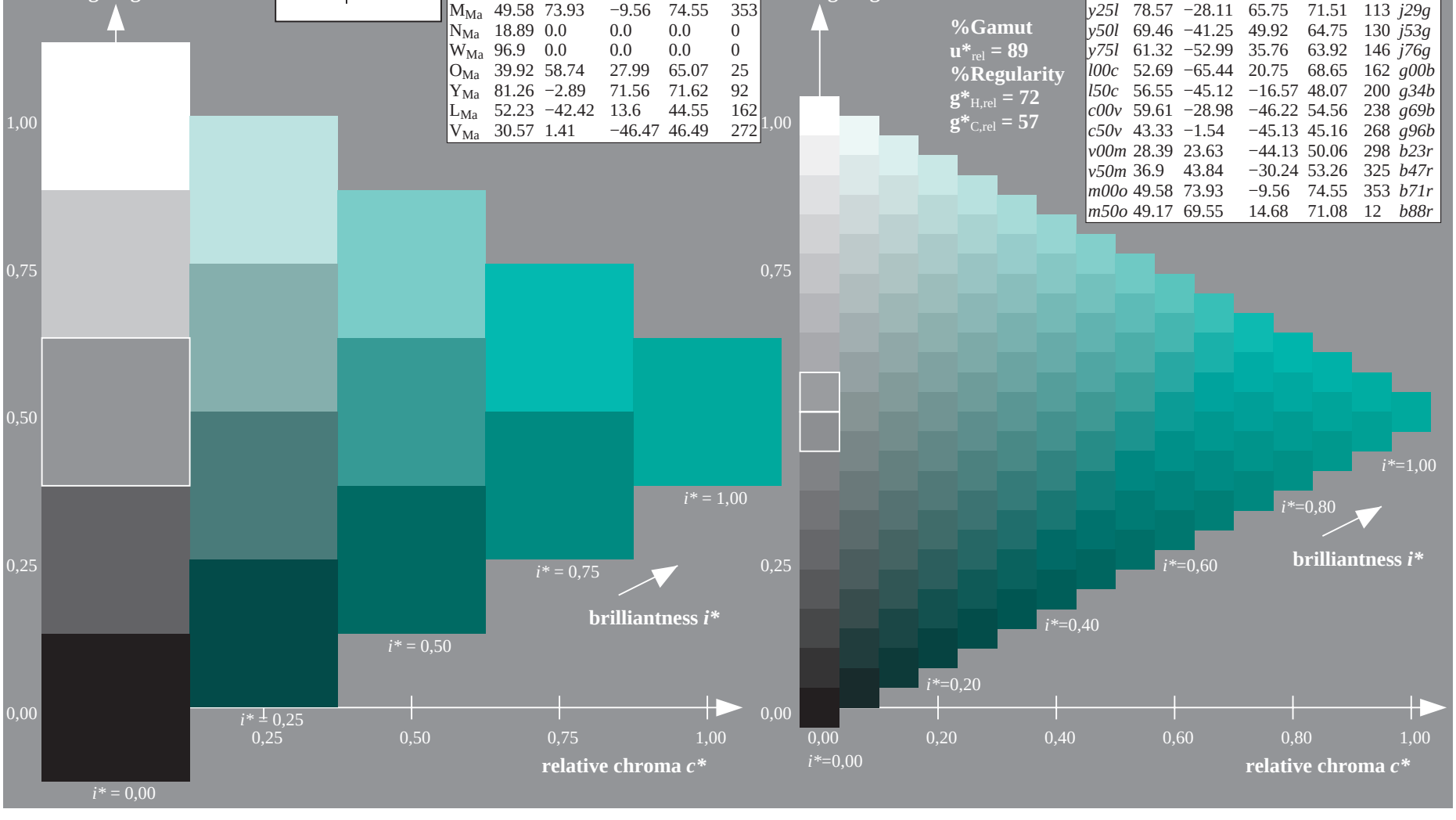
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 57 −45 −17**
***LAB*LCH*Ma*: 57 48 200**
***lab*olv*Ma*: 0.0 1.0 0.5**
***lab*rgb*Ma*: 0.0 1.0 0.69**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

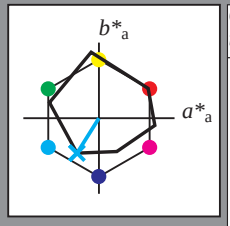
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$ $u^*_d = c00v$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

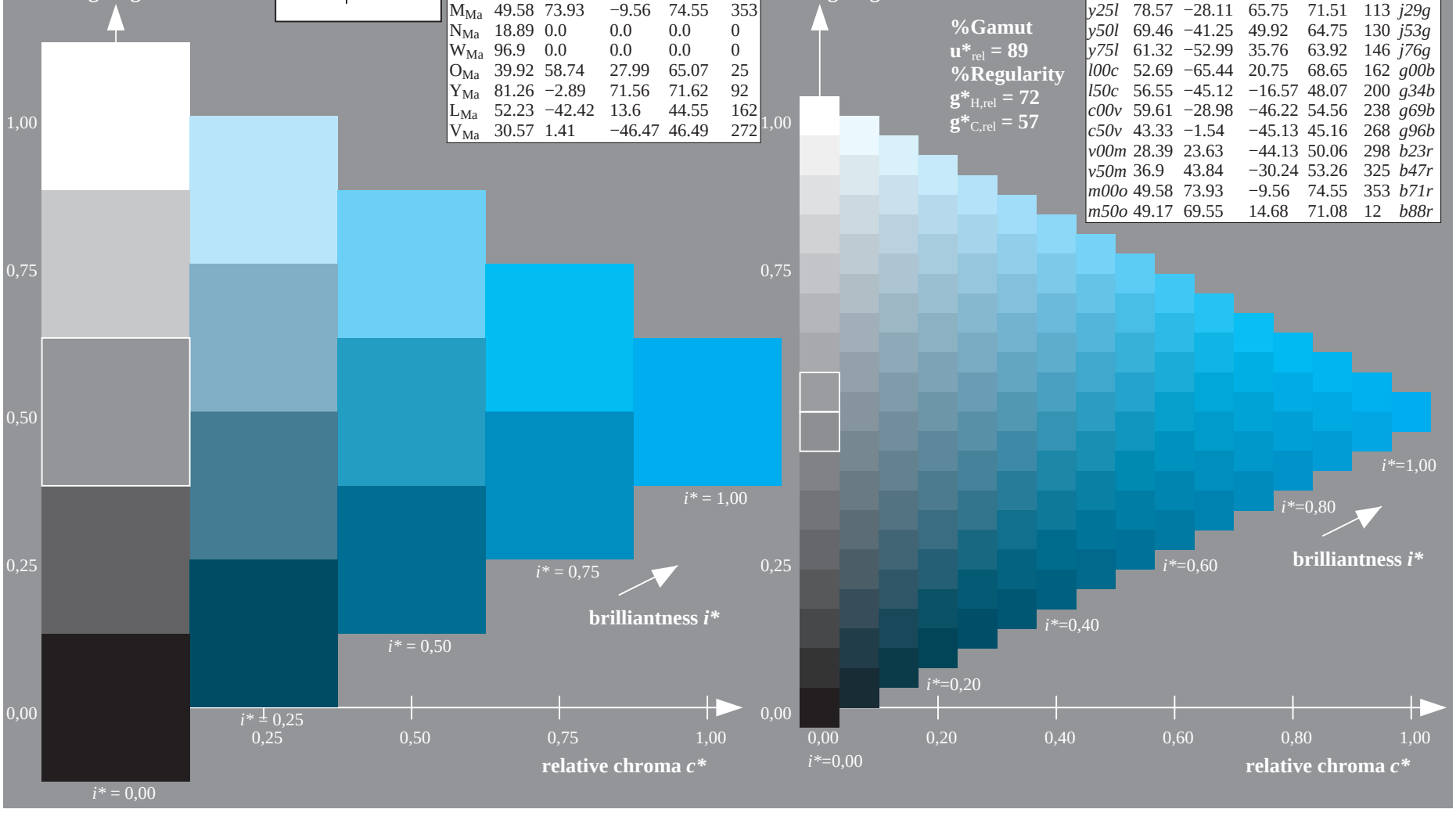
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 60 −29 −46**
***LAB*LCH*Ma*: 60 55 237**
***lab*olv*Ma*: 0.0 1.0 1.0**
***lab*rgb*Ma*: 0.0 0.62 1.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

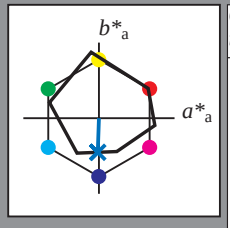


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$ $u^*_d = c50v$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

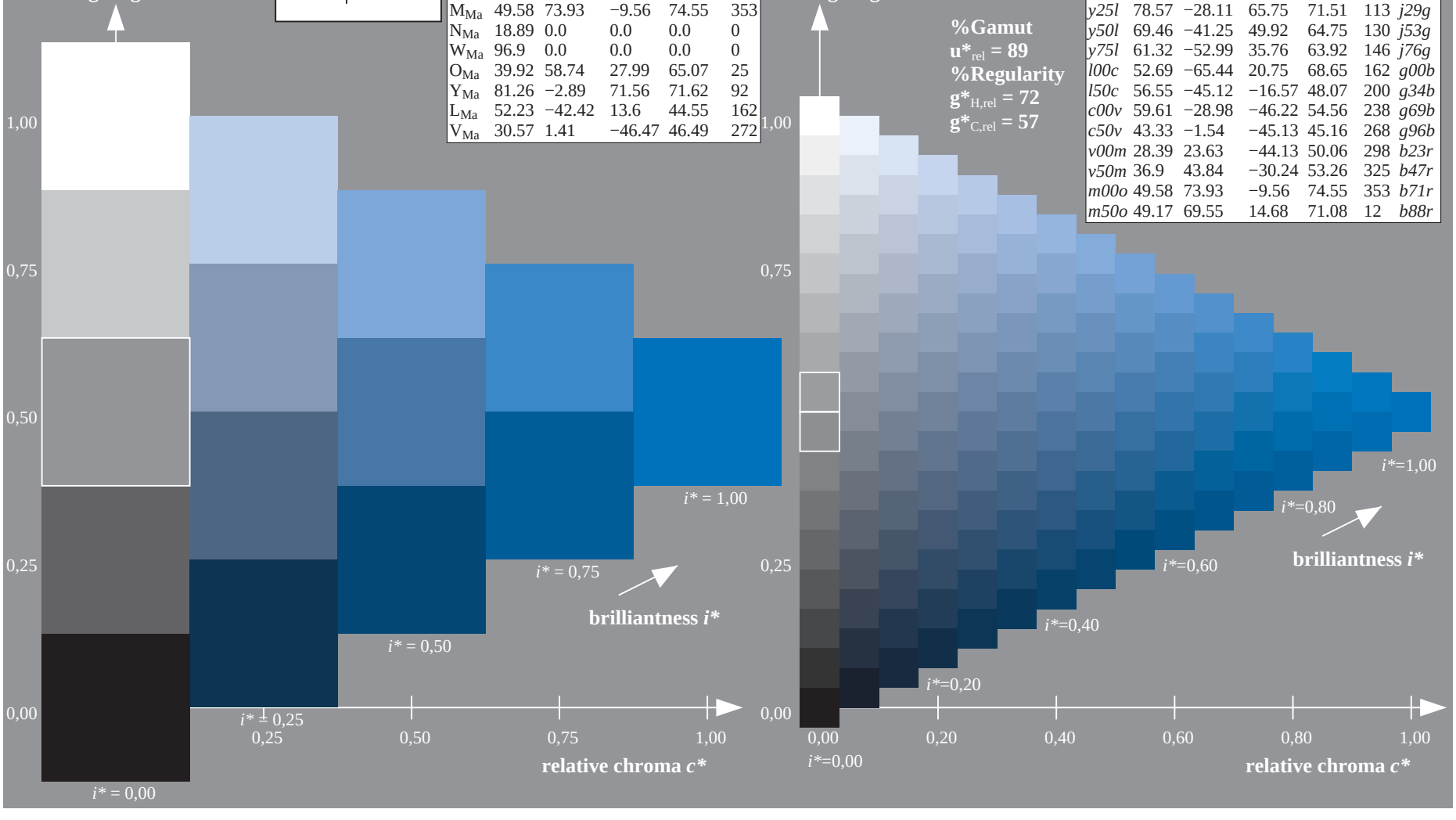
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 43 −2 −45**
***LAB*LCH*Ma*: 43 45 268**
***lab*olv*Ma*: 0.0 0.5 1.0**
***lab*rgb*Ma*: 0.0 0.07 1.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

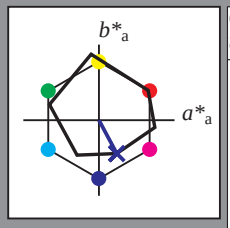
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$ $u^*_d = v00m$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

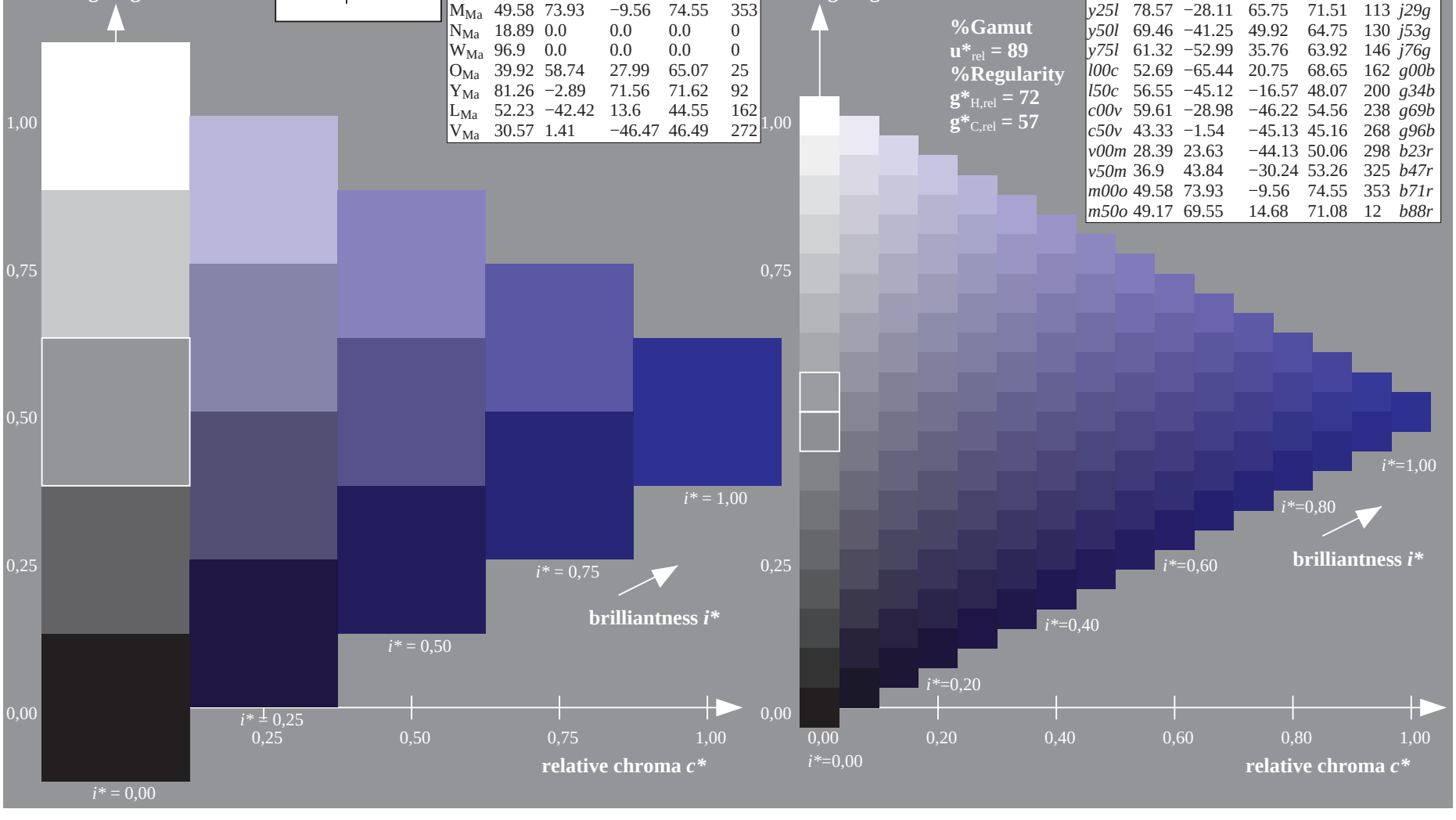
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 28 24 −44**
***LAB*LCH*Ma*: 28 50 298**
***lab*olv*Ma*: 0.0 0.0 1.0**
***lab*rgb*Ma*: 0.46 0.0 1.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

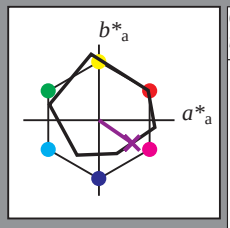
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$ $u^*_d = v50m$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

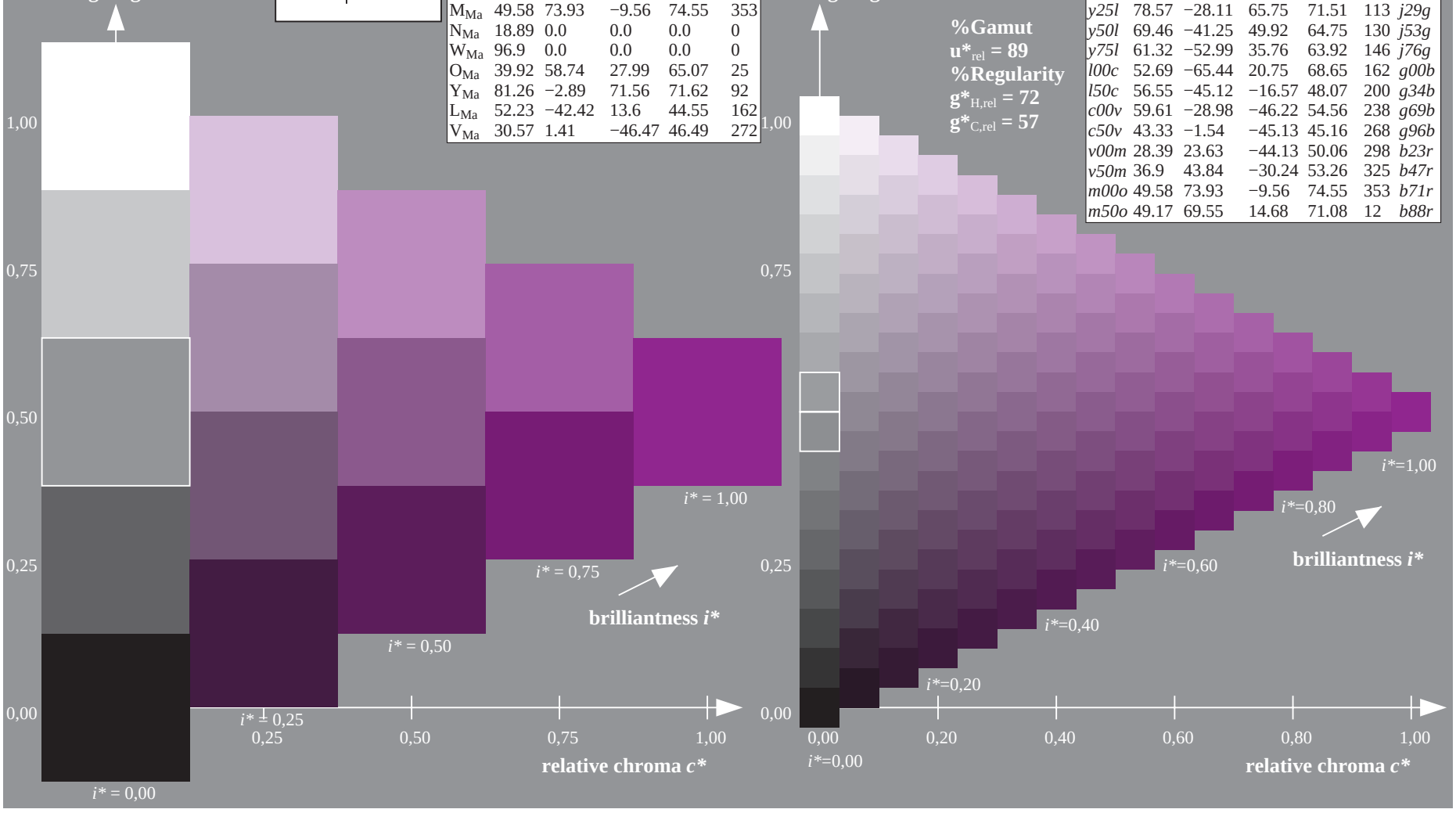
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 37 44 −30**
***LAB*LCH*Ma*: 37 53 325**
***lab*olv*Ma*: 0.5 0.0 1.0**
***lab*rgb*Ma*: 0.94 0.0 1.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

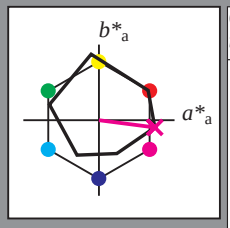


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$ $u^*_d = m00o$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m00o$ $u^*_e = b71r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

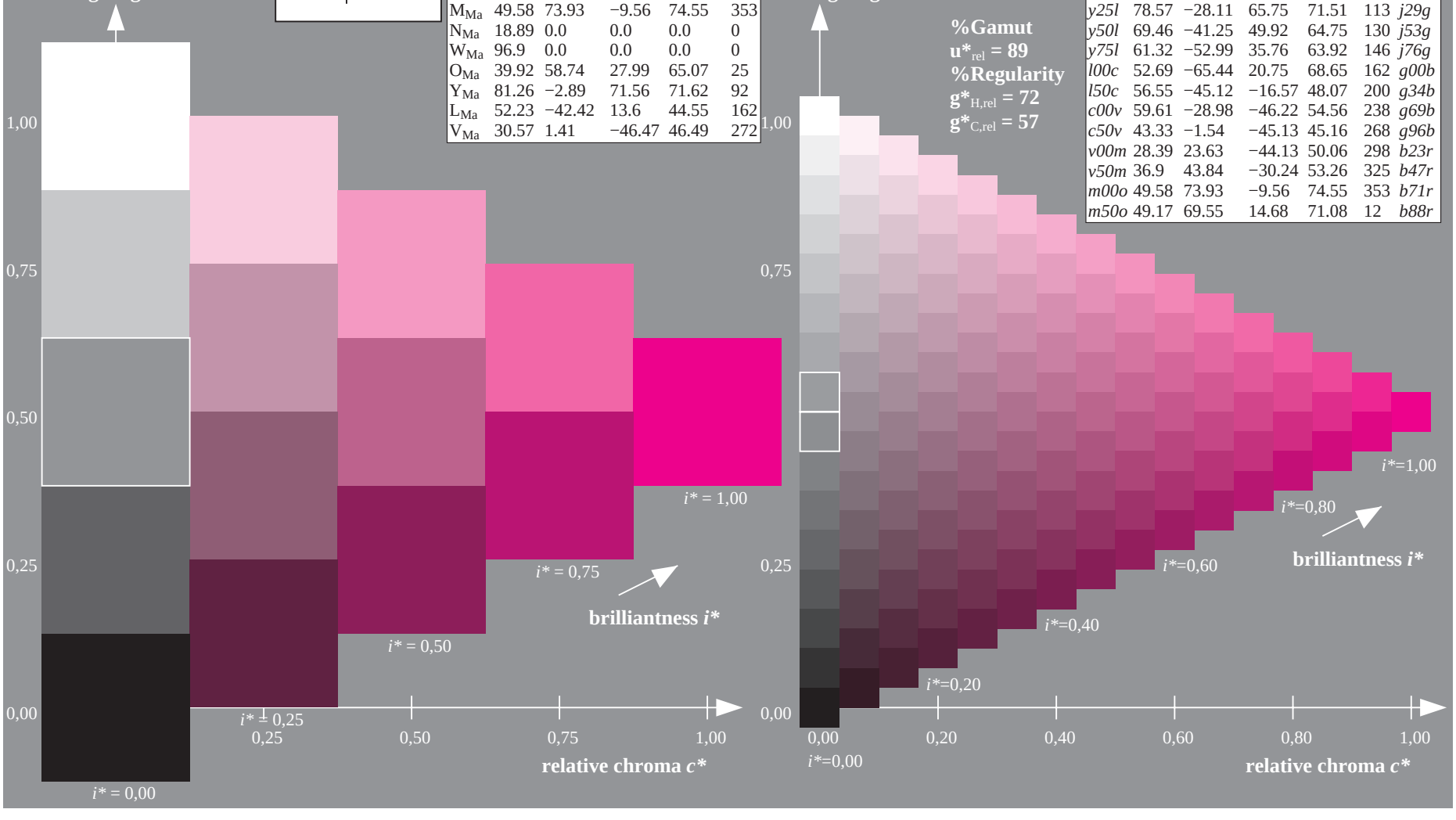
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 50 74 −10**
***LAB*LCH*Ma*: 50 75 352**
***lab*olv*Ma*: 1.0 0.0 1.0**
***lab*rgb*Ma*: 1.0 0.0 0.58**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

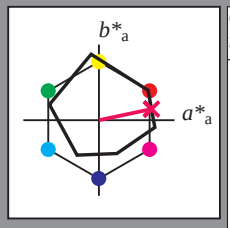


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$ $u^*_d = m50o$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b88r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

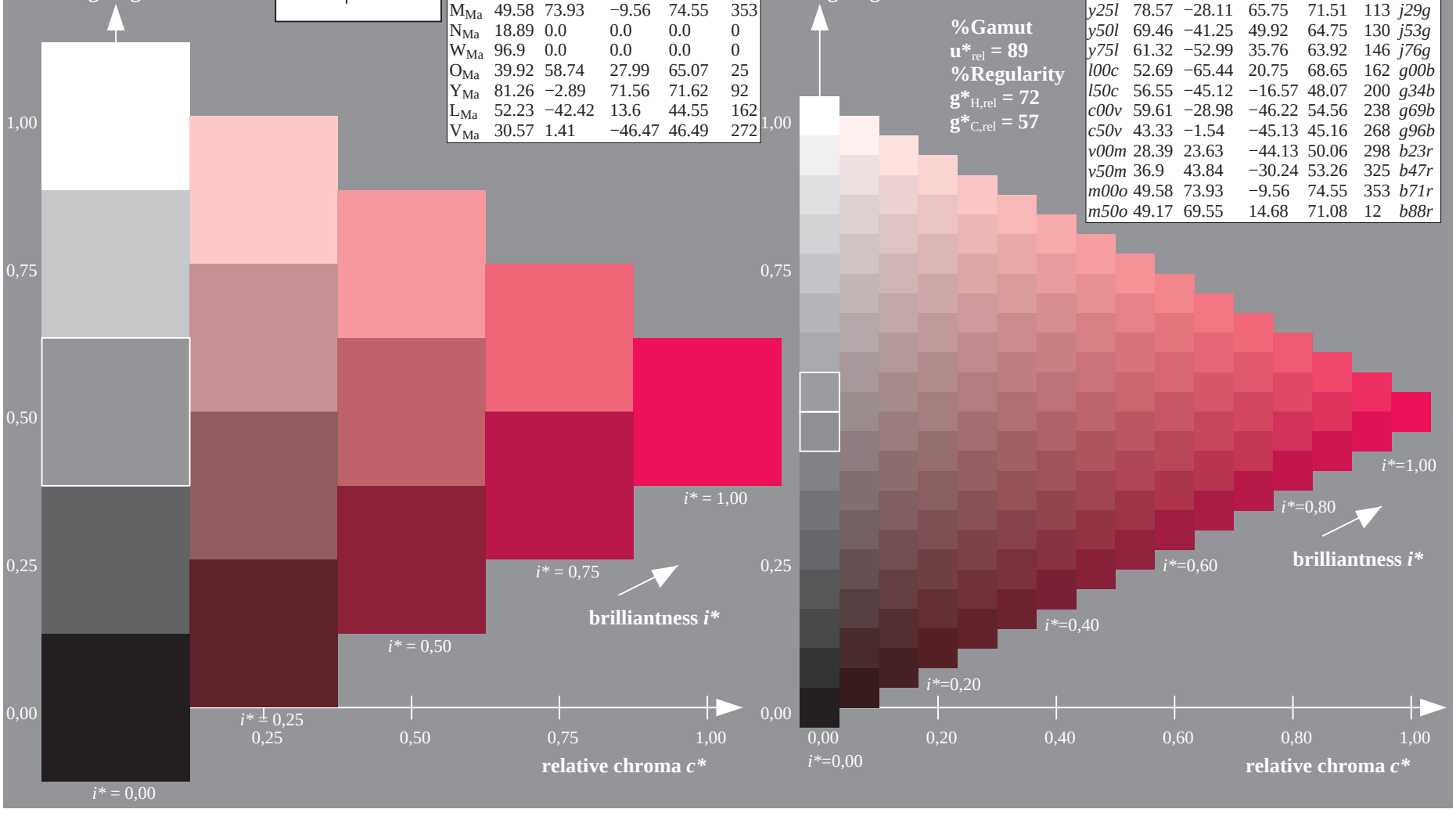
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 49 70 15**
***LAB*LCH*Ma*: 49 71 11**
***lab*olv*Ma*: 1.0 0.0 0.5**
***lab*rgb*Ma*: 1.0 0.0 0.24**
triangle lightness *t**

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

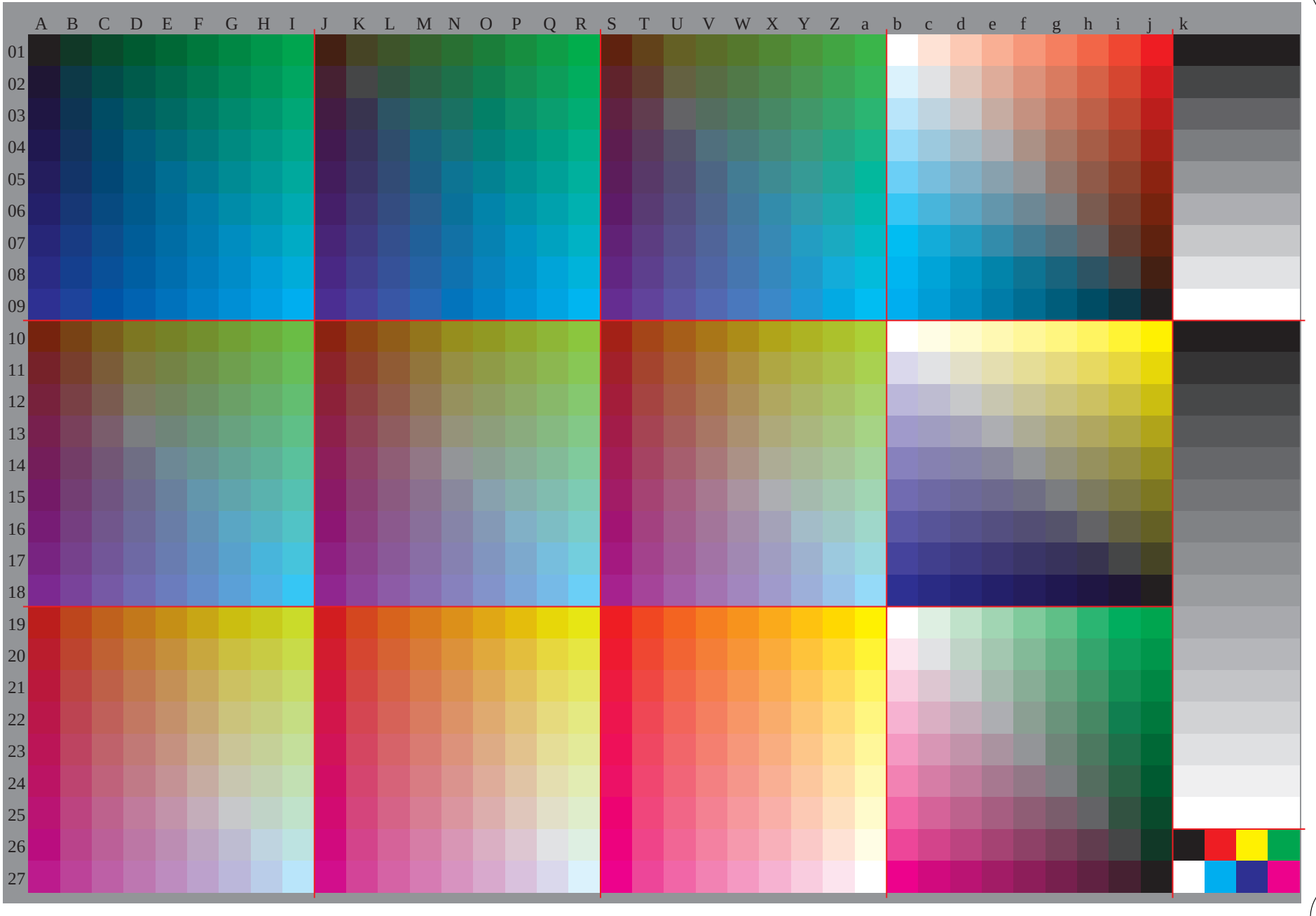
ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

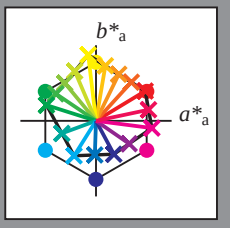
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System ORS19_96a
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

ORS19_96a; adapted (a) CIELAB data

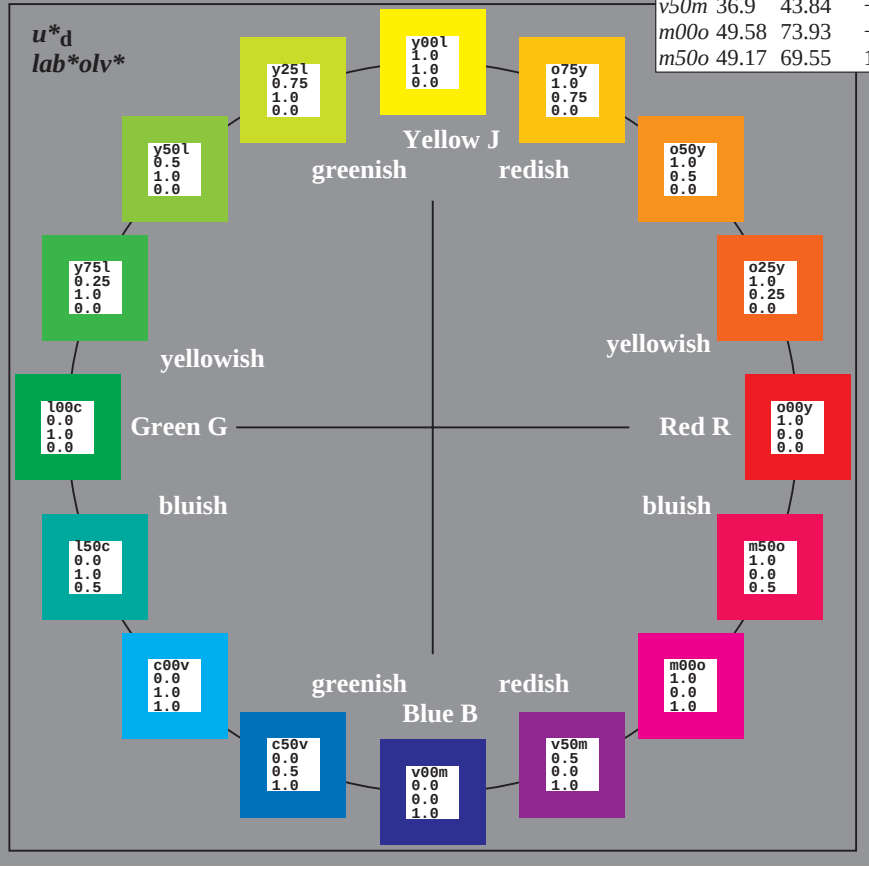
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

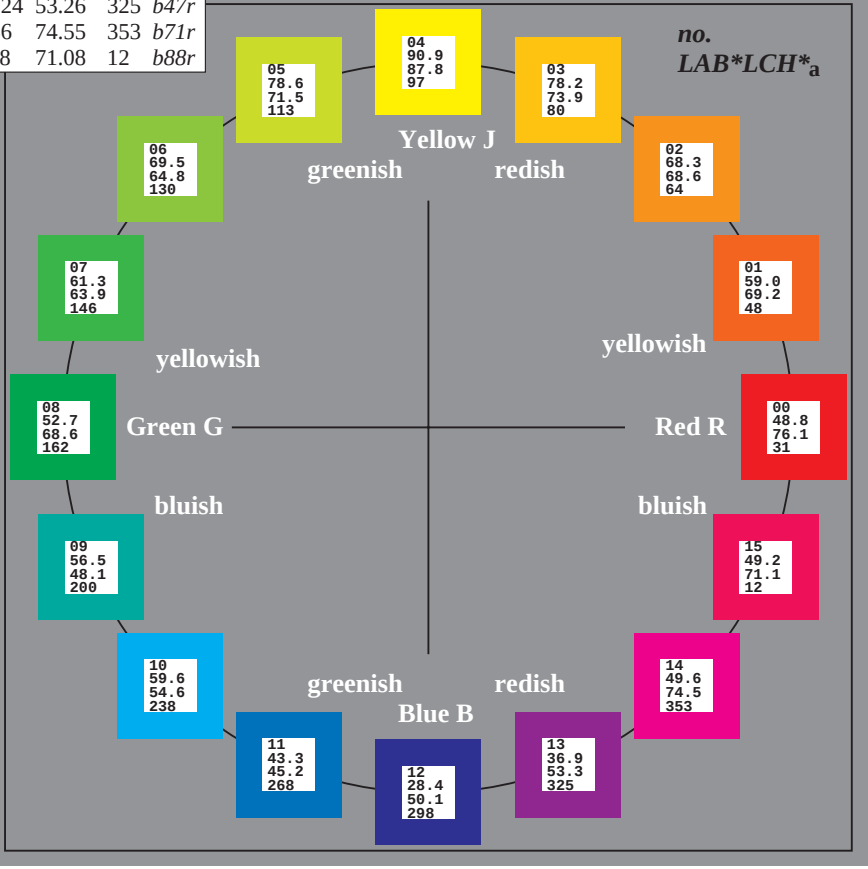


%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

ORS19_96a; adapted (a) CIELAB data

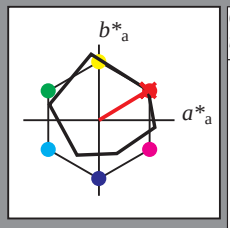
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r08j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

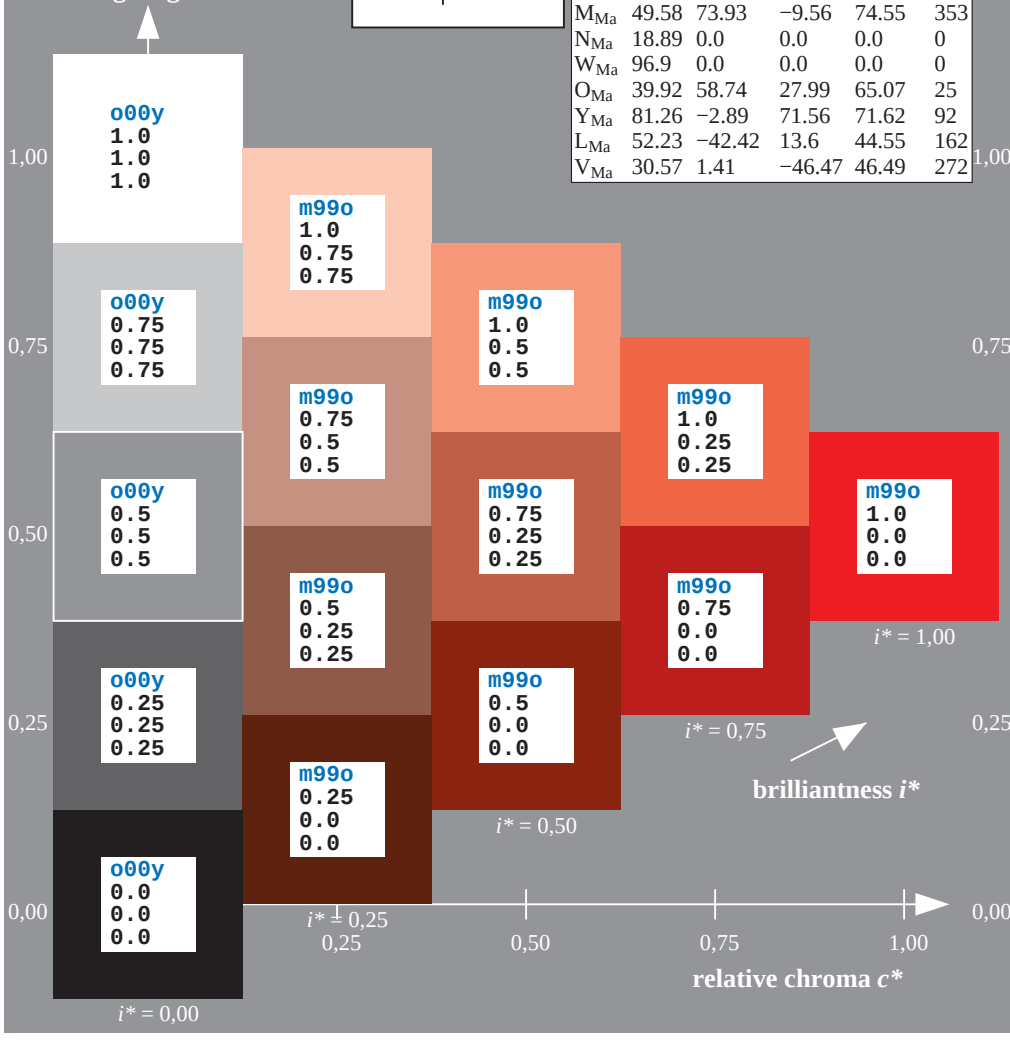
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 65 39
*LAB*LCH**$_{Ma}$: 49 76 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

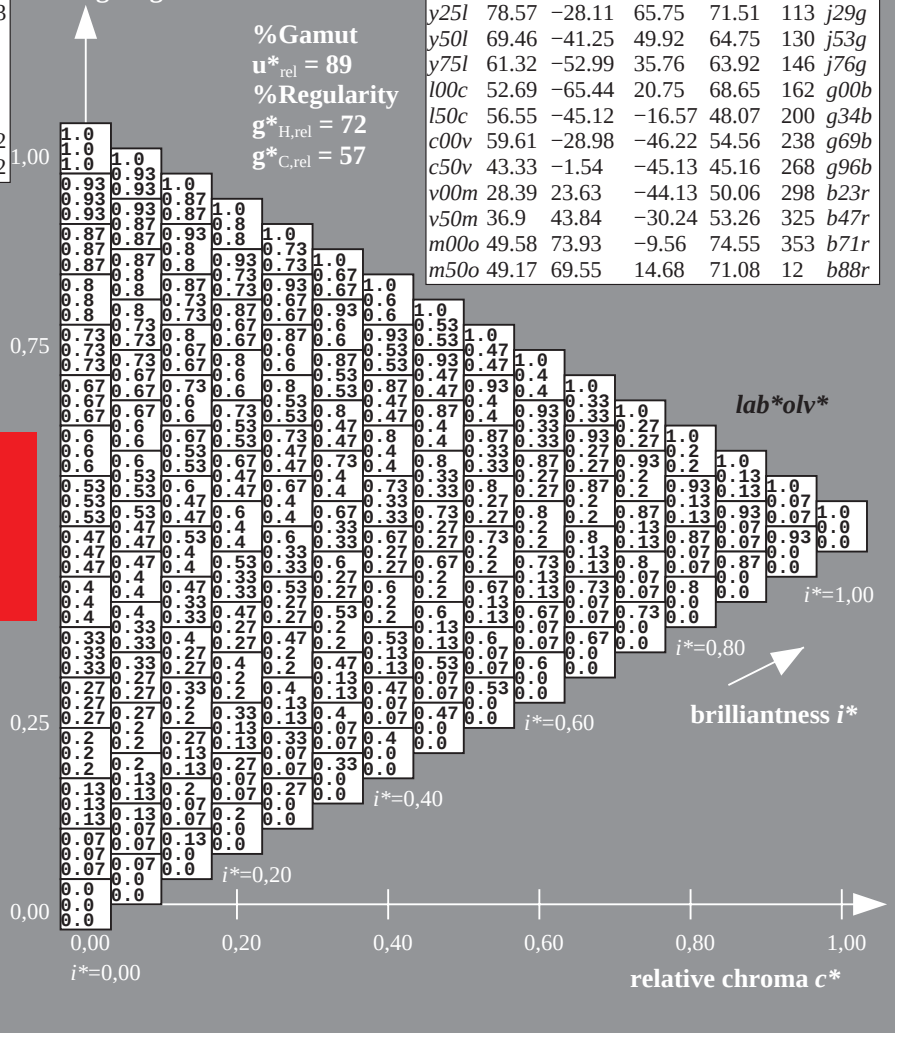
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *o00y*
*lab*olv**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



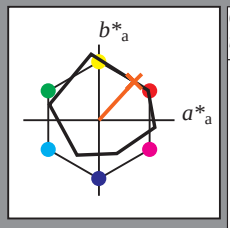


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

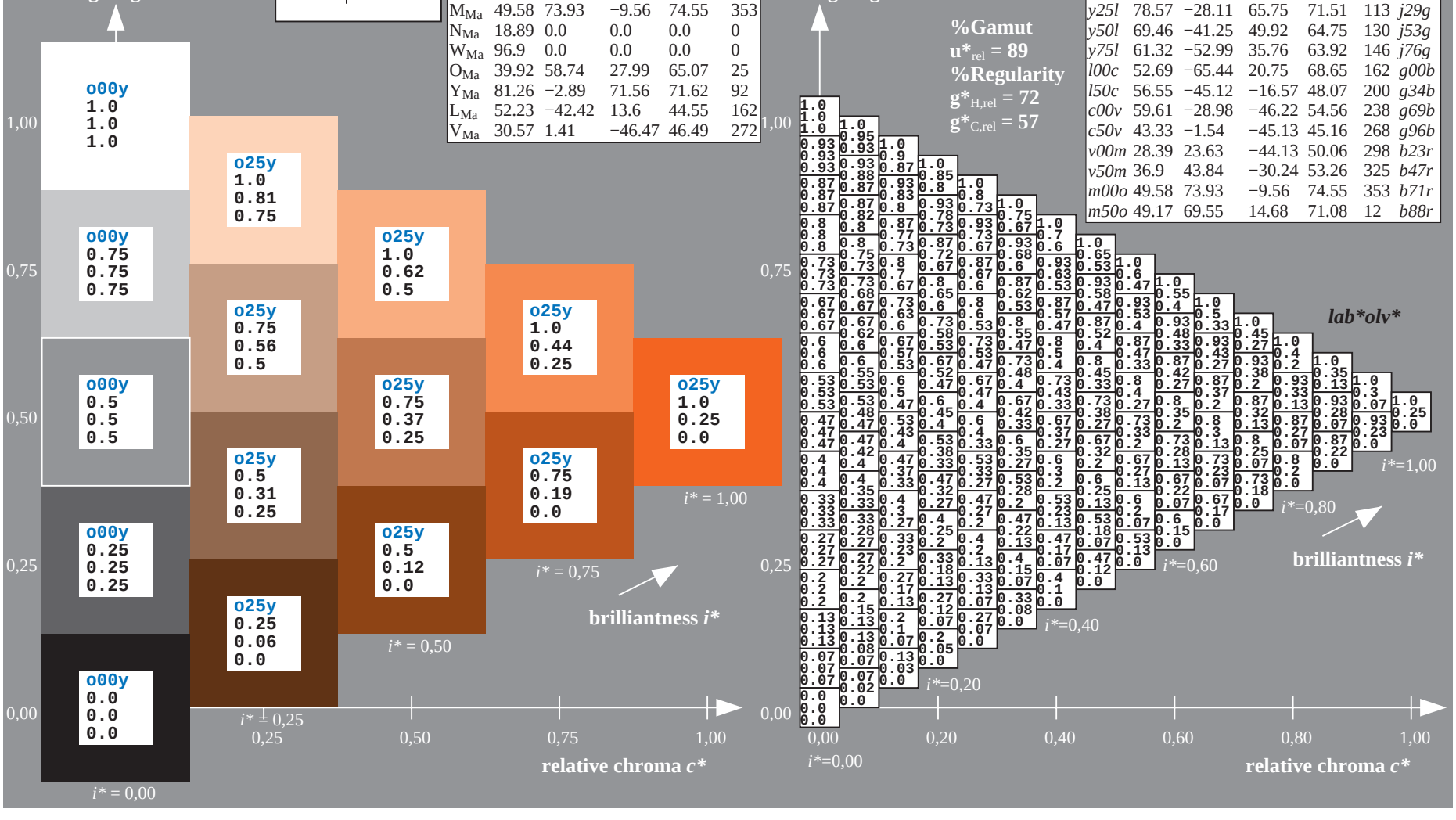
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 47 51
*LAB*LCH**$_{Ma}$: 59 69 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

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

u^*_d = *o25y*
*lab*olv**

ORS19_96a; adapted (a) CIELAB data

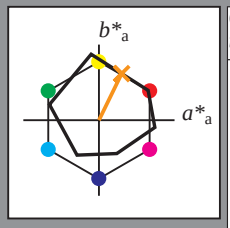
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

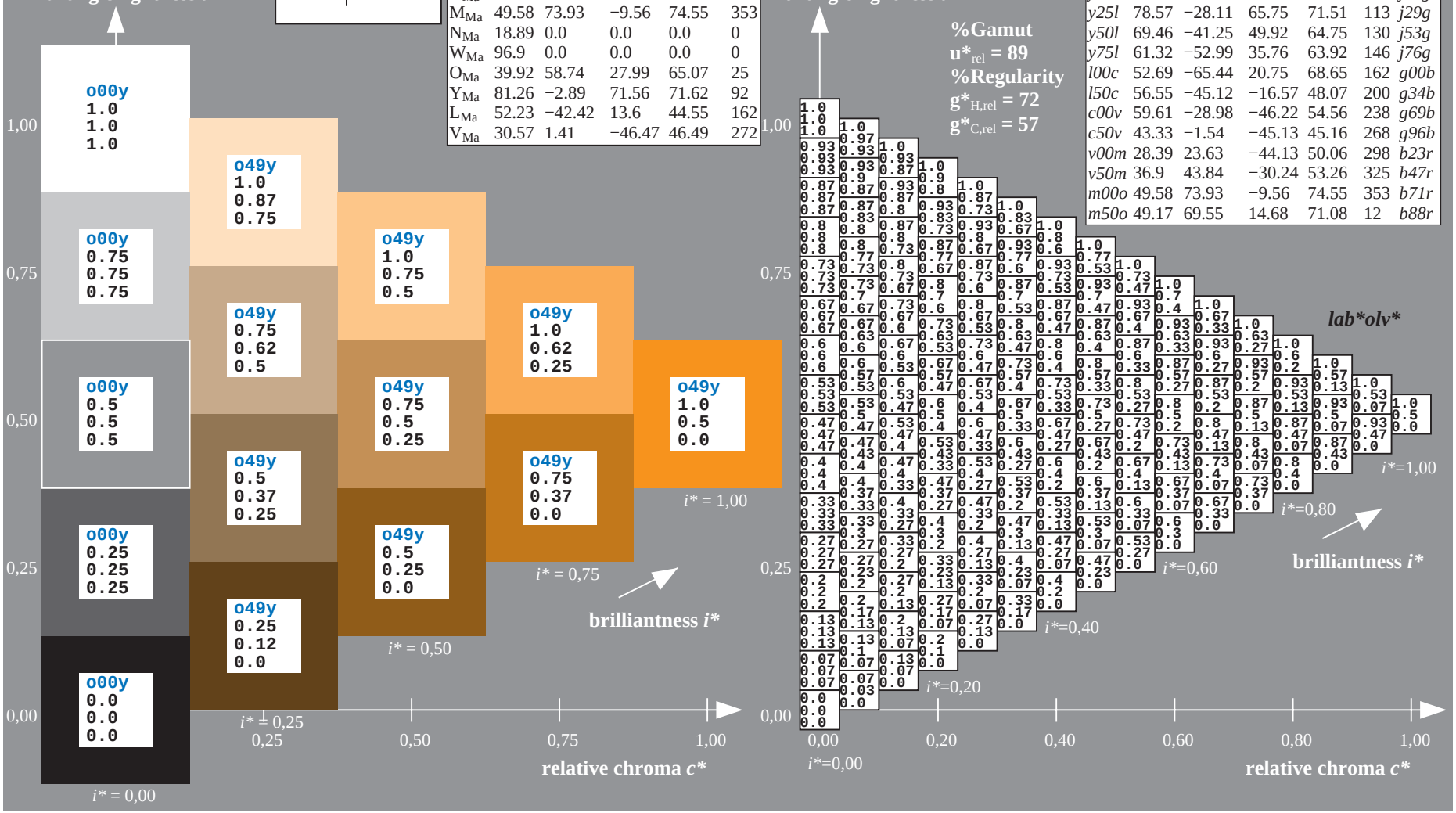
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 68 30 62
*LAB*LCH**$_{Ma}$: 68 69 63
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

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

u^*_d = *o50y*
*lab*olv**

ORS19_96a; adapted (a) CIELAB data

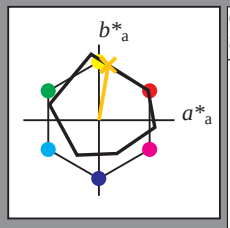
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

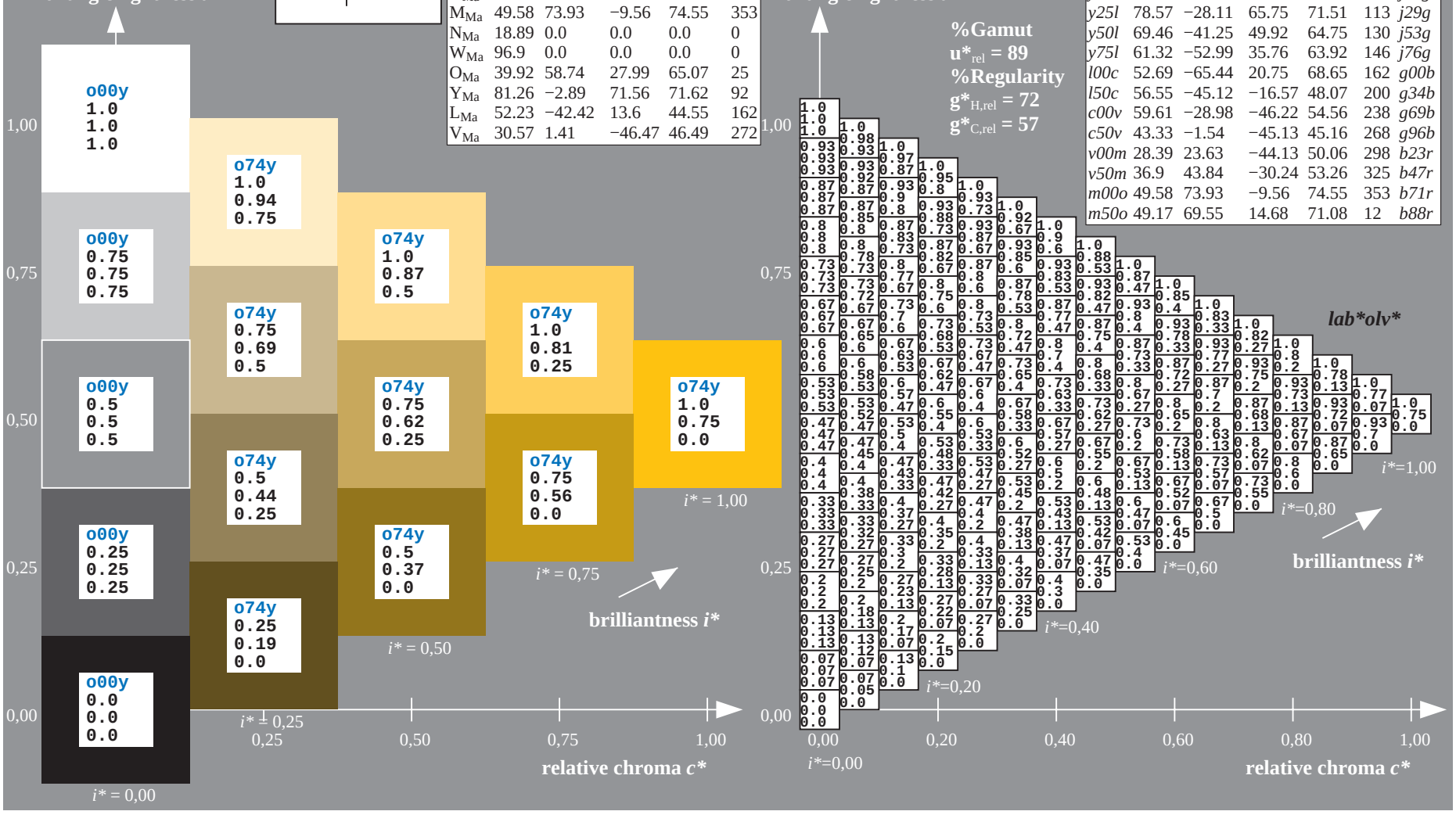
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 12 73
*LAB*LCH**$_{Ma}$: 78 74 80
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

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

u^*_d = *o75y*
*lab*olv**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

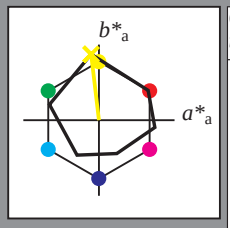


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

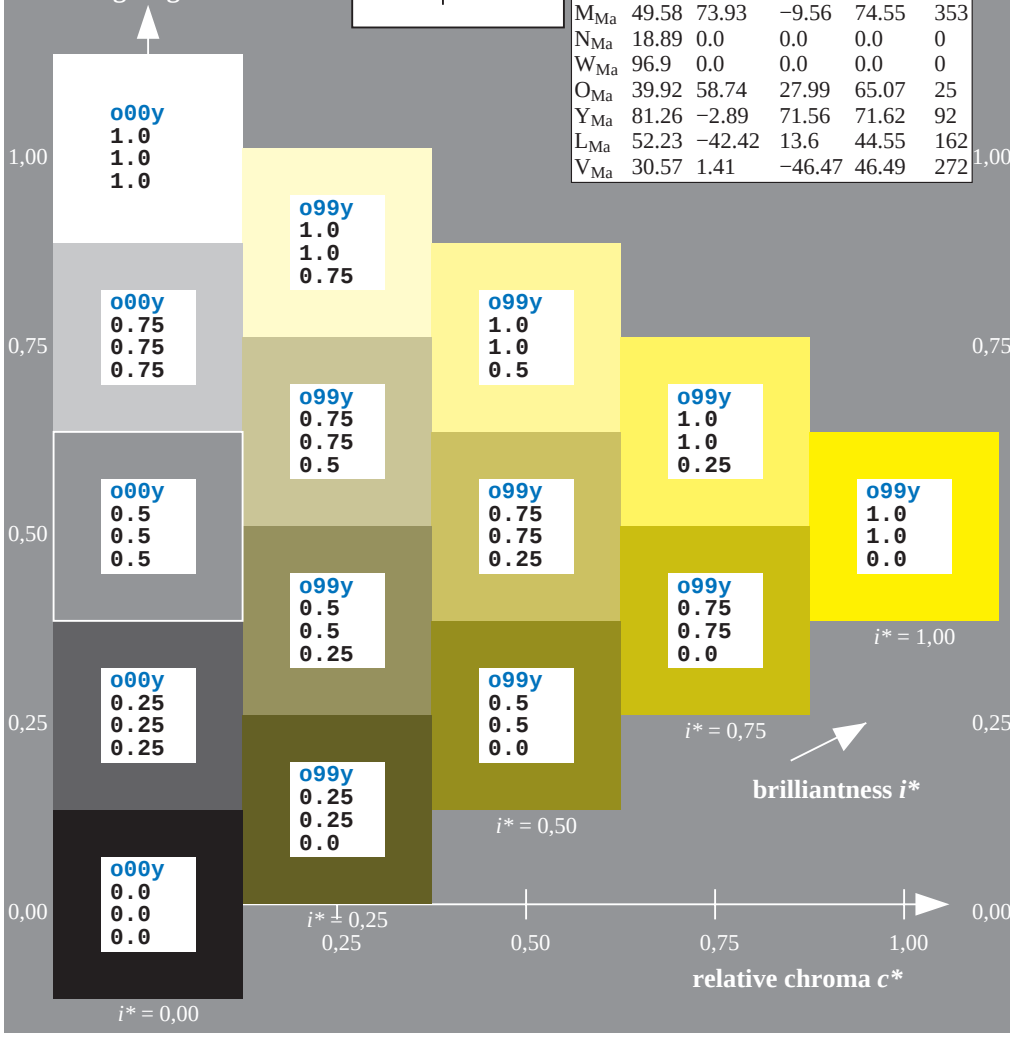
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 91 −10 87**
***LAB*LCH*Ma*: 91 88 96**
***lab*olv*Ma*: 1.0 1.0 0.0**
***lab*rgb*Ma*: 0.94 1.0 0.0**
triangle lightness *t**

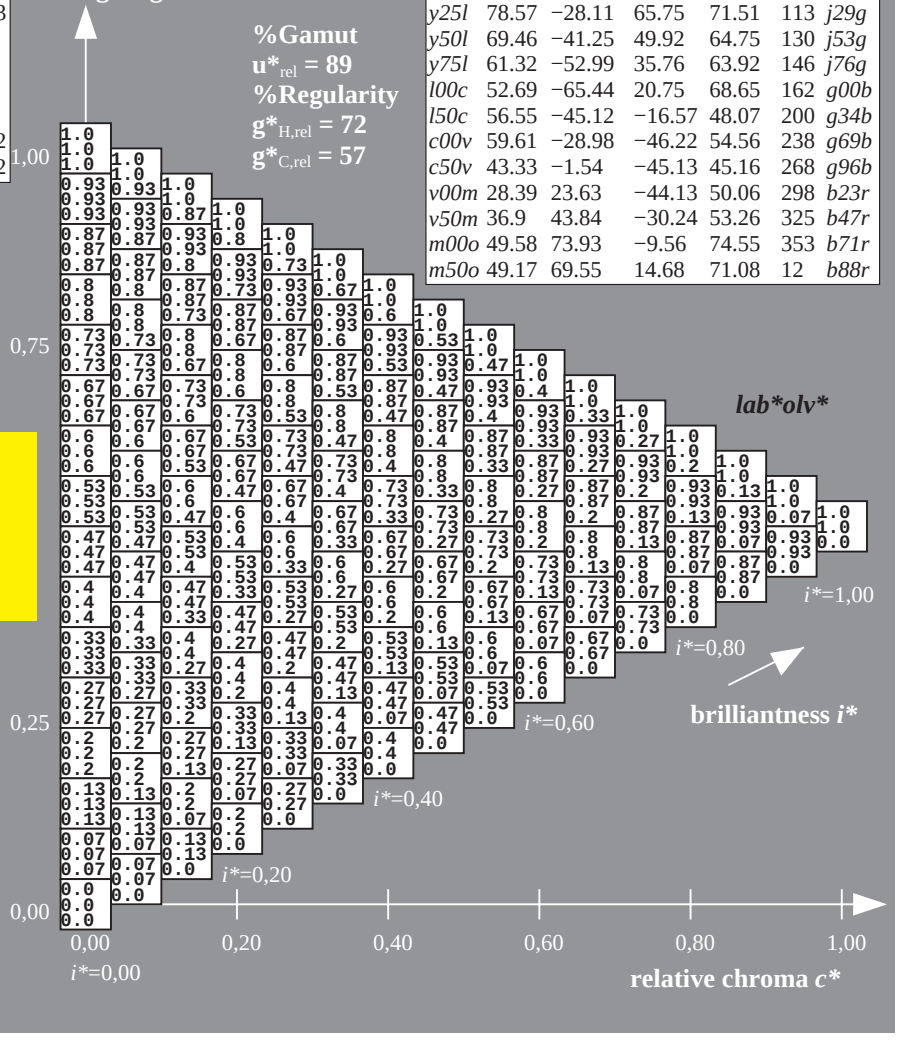
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y00l$
lab*olv*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



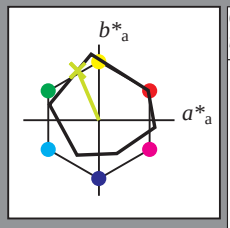


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j29g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

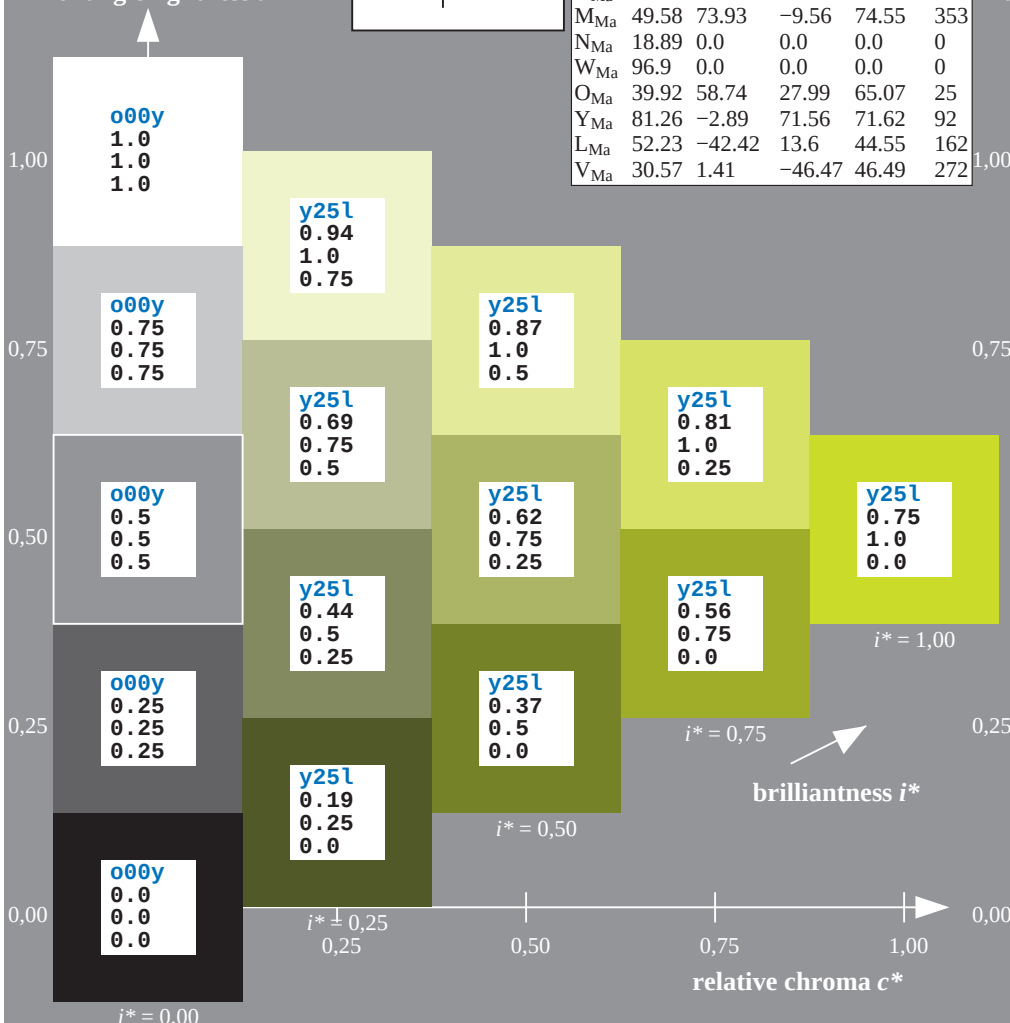
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 79 −28 66
*LAB*LCH**$_{Ma}$: 79 72 113
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.7 1.0 0.0
triangle lightness *t**

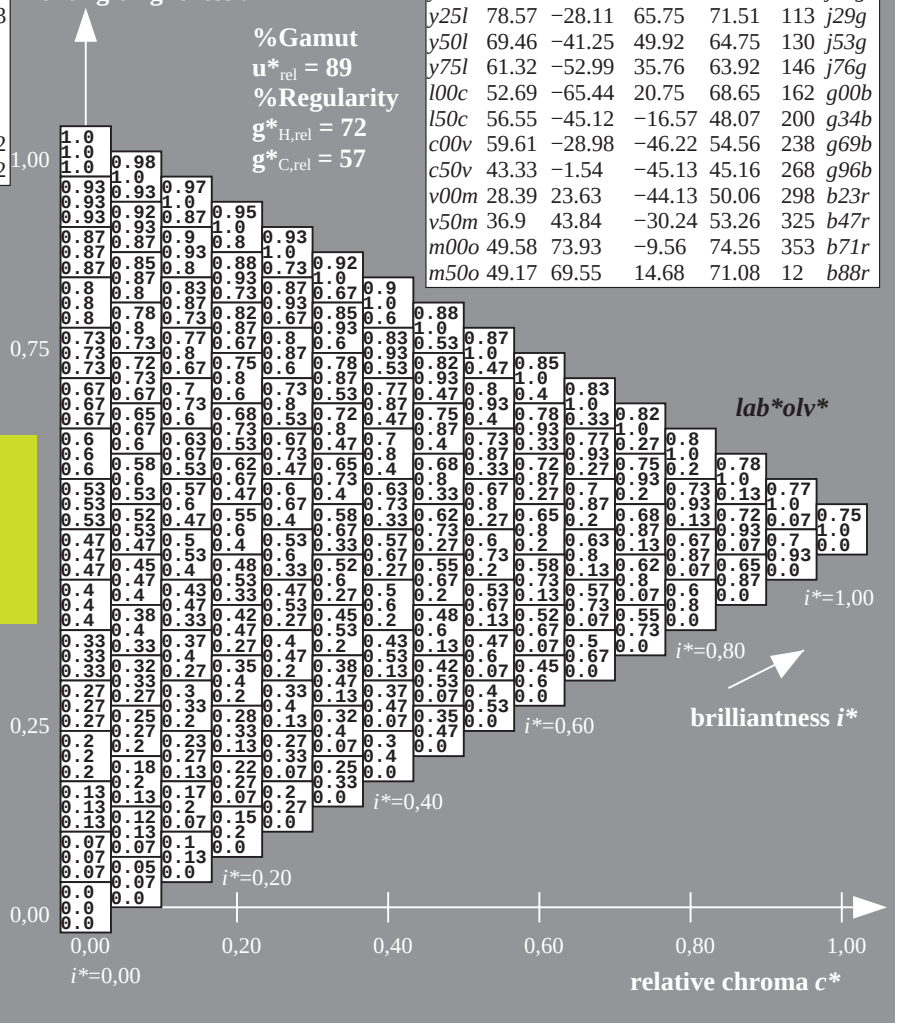
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y25l$
*lab*olv**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



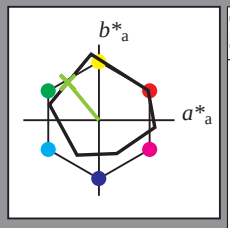


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

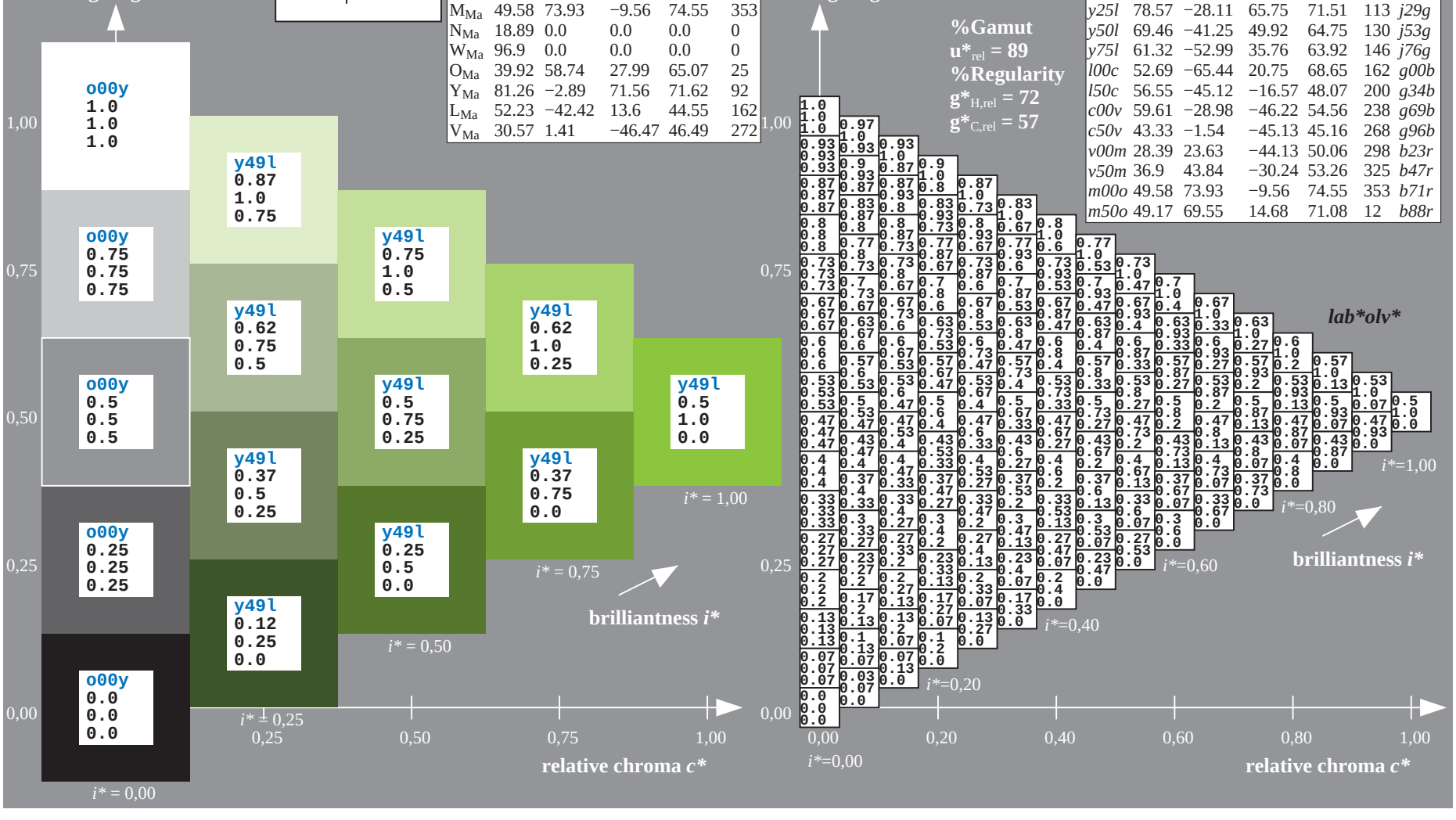
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 69 −41 50**
***LAB*LCH*Ma*: 69 65 129**
***lab*olv*Ma*: 0.5 1.0 0.0**
***lab*rgb*Ma*: 0.47 1.0 0.0**
triangle lightness *t**

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

$u^*_d = y50l$
lab*olv*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



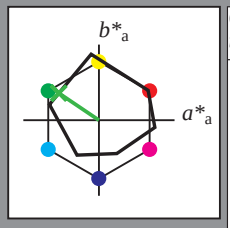
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$

$u^*_d = y75l$
lab^*olv^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

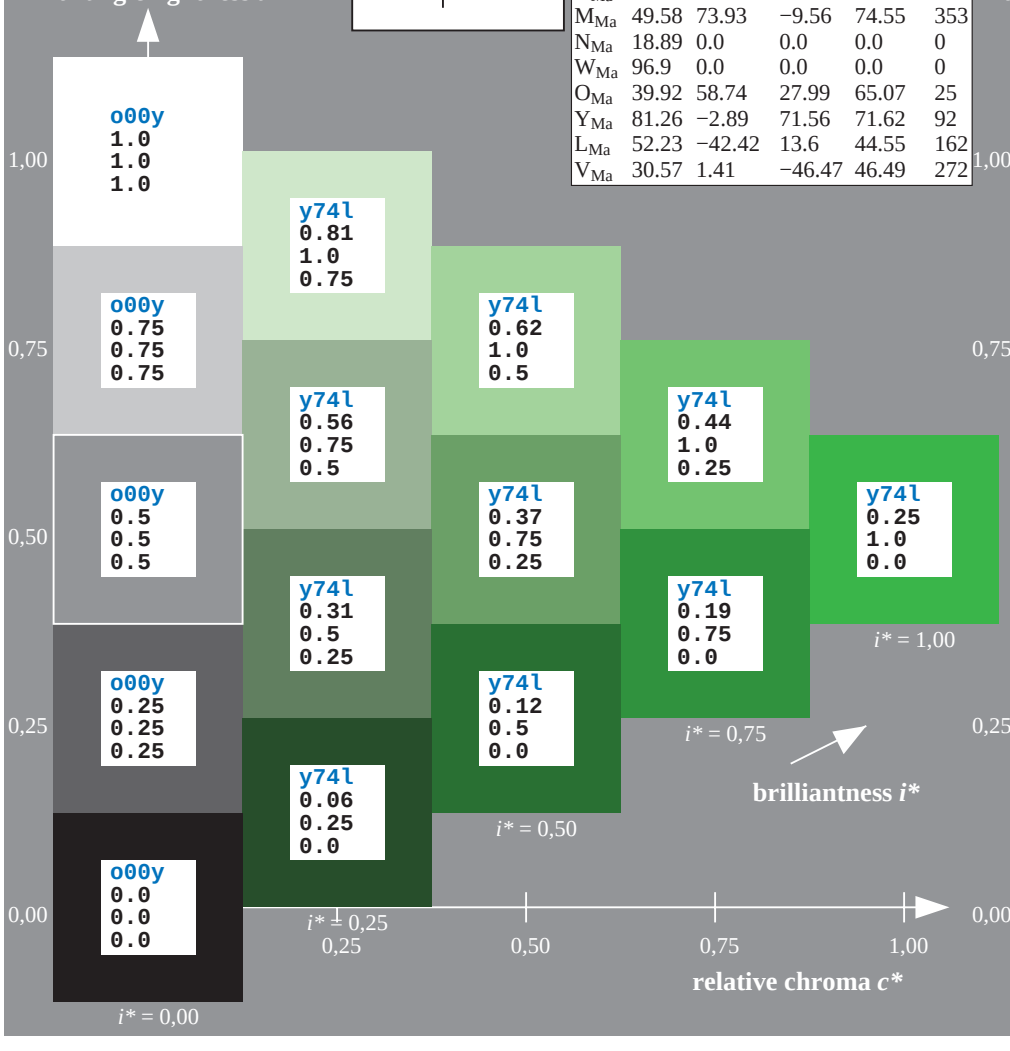
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

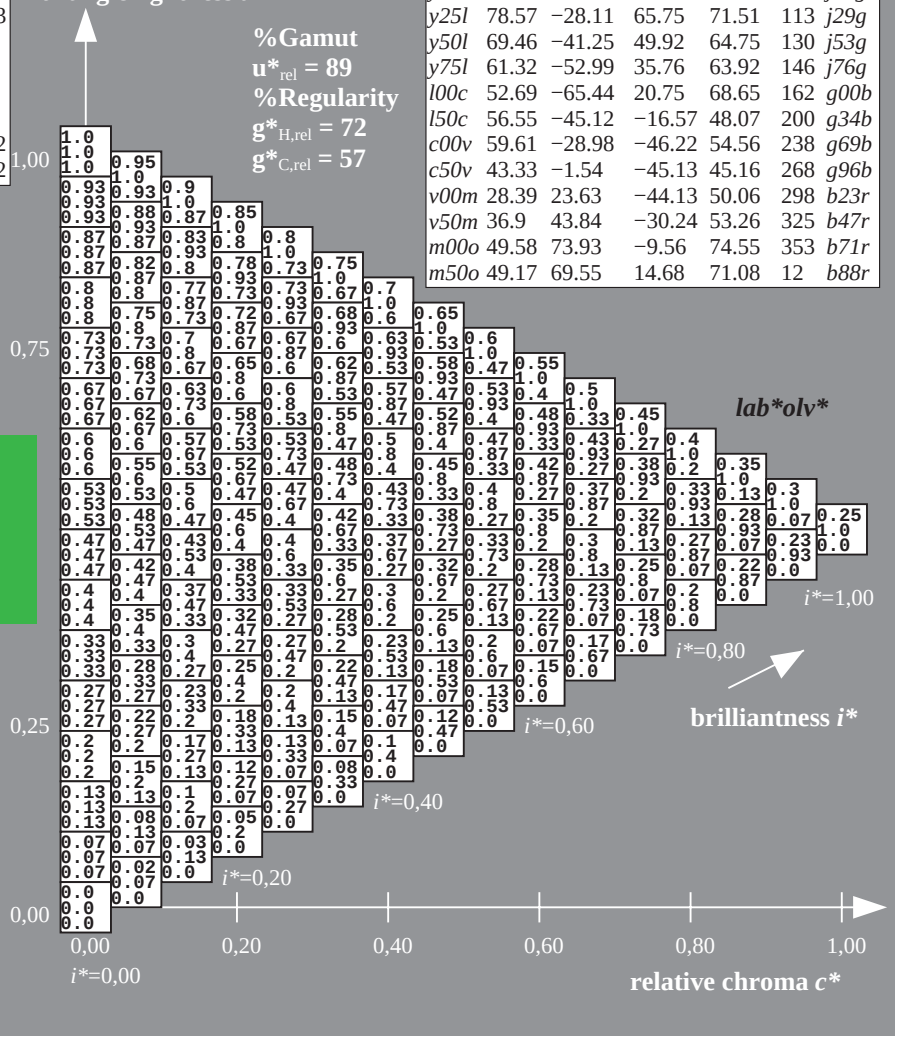
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 61 −53 36
*LAB*LCH**$_{Ma}$: 61 64 145
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.23 1.0 0.0
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



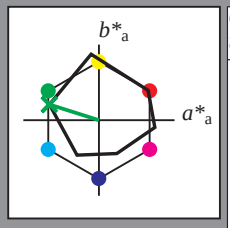


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = g00b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

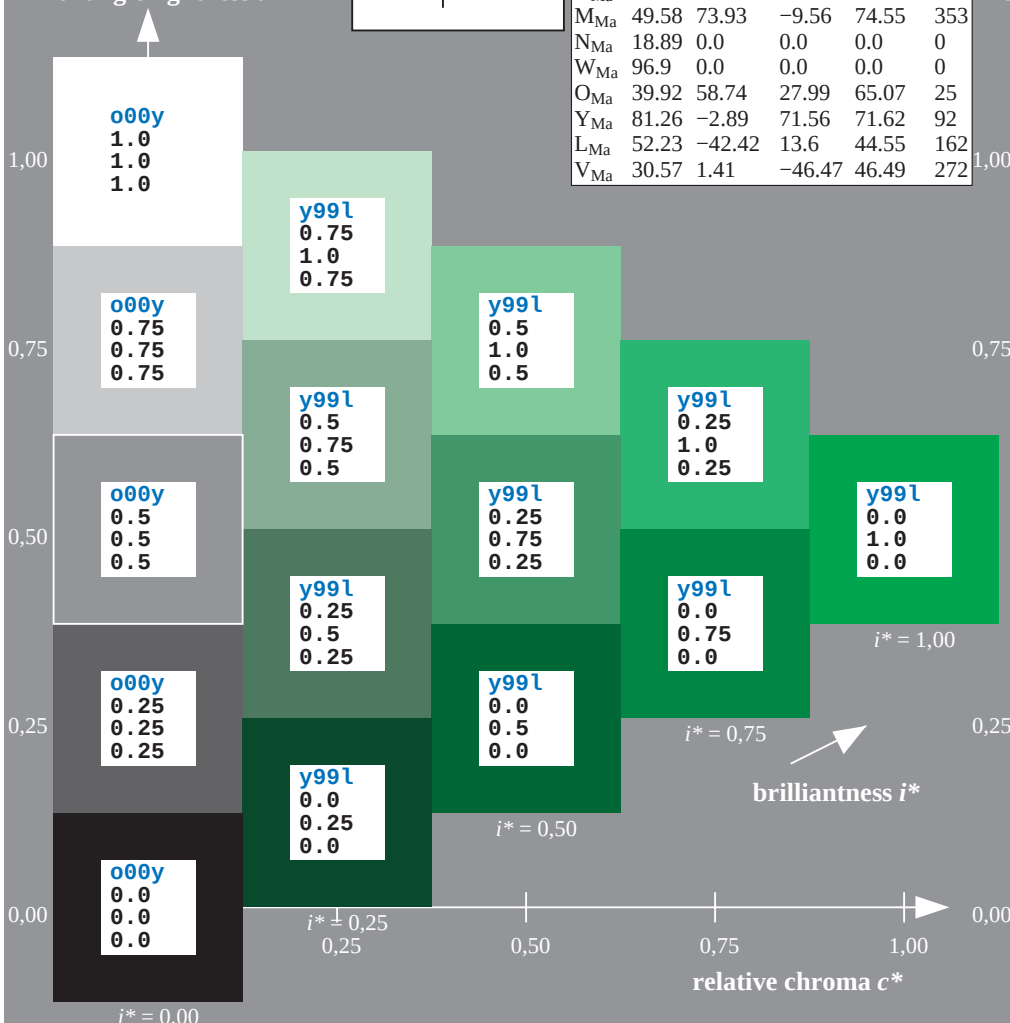
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 53 −65 21
*LAB*LCH**$_{Ma}$: 53 69 162
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.0 1.0 0.0
triangle lightness *t**

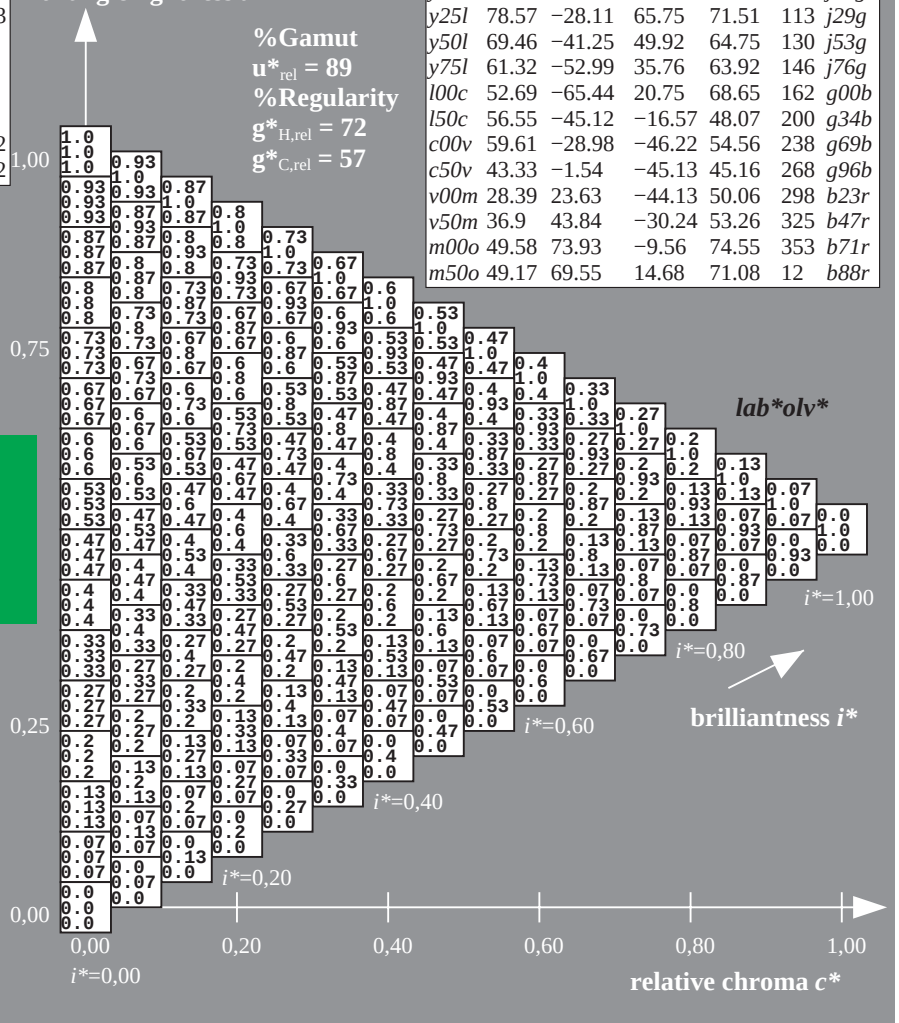
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = l00c$
*lab*olv**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



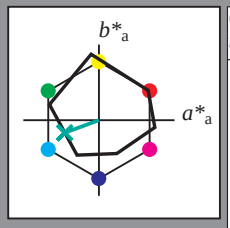


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g34b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

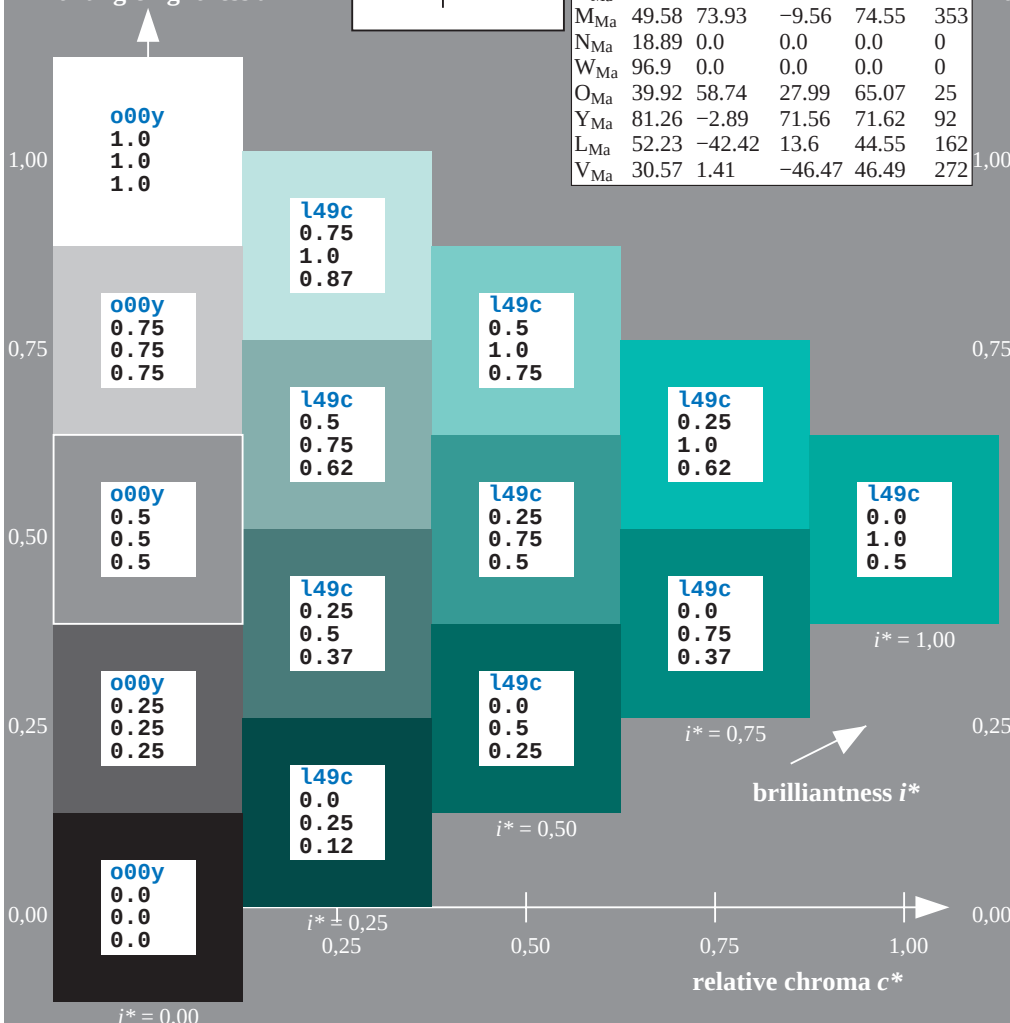
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 57 −45 −17
*LAB*LCH**$_{Ma}$: 57 48 200
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.69
triangle lightness *t**

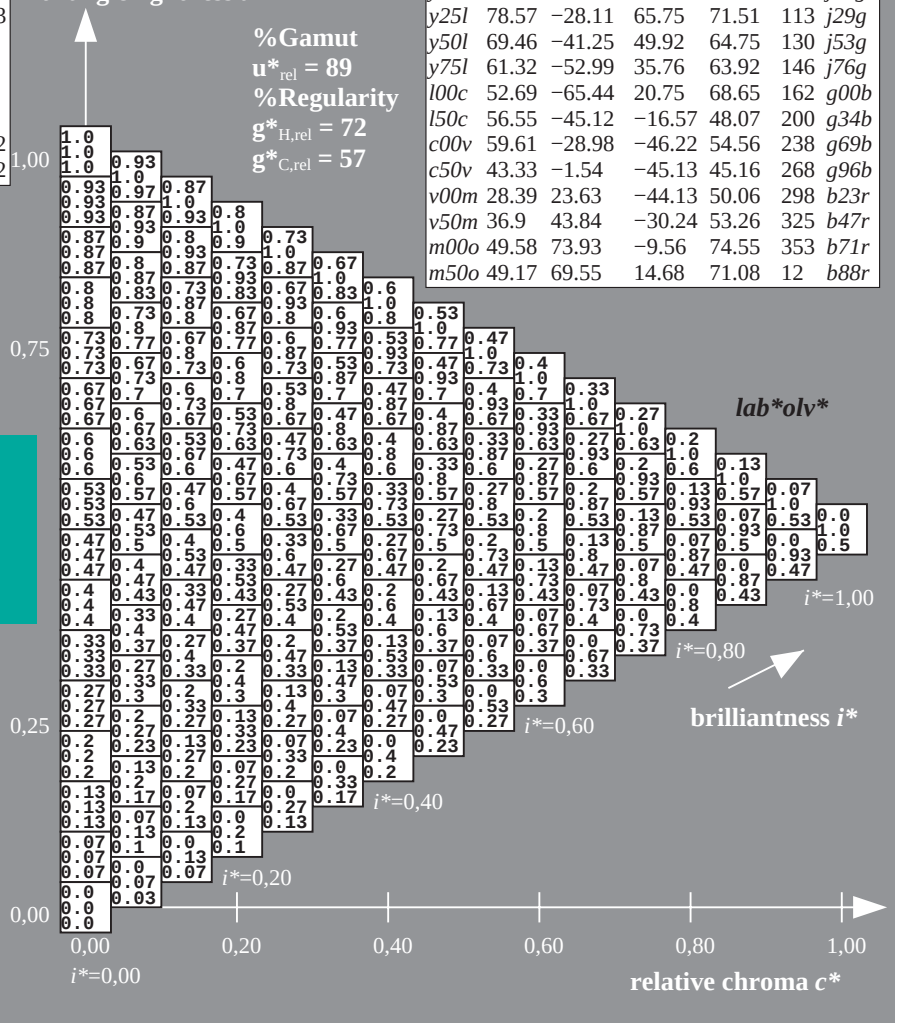
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *l50c*
*lab*olv**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



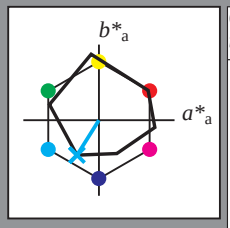


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g69b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

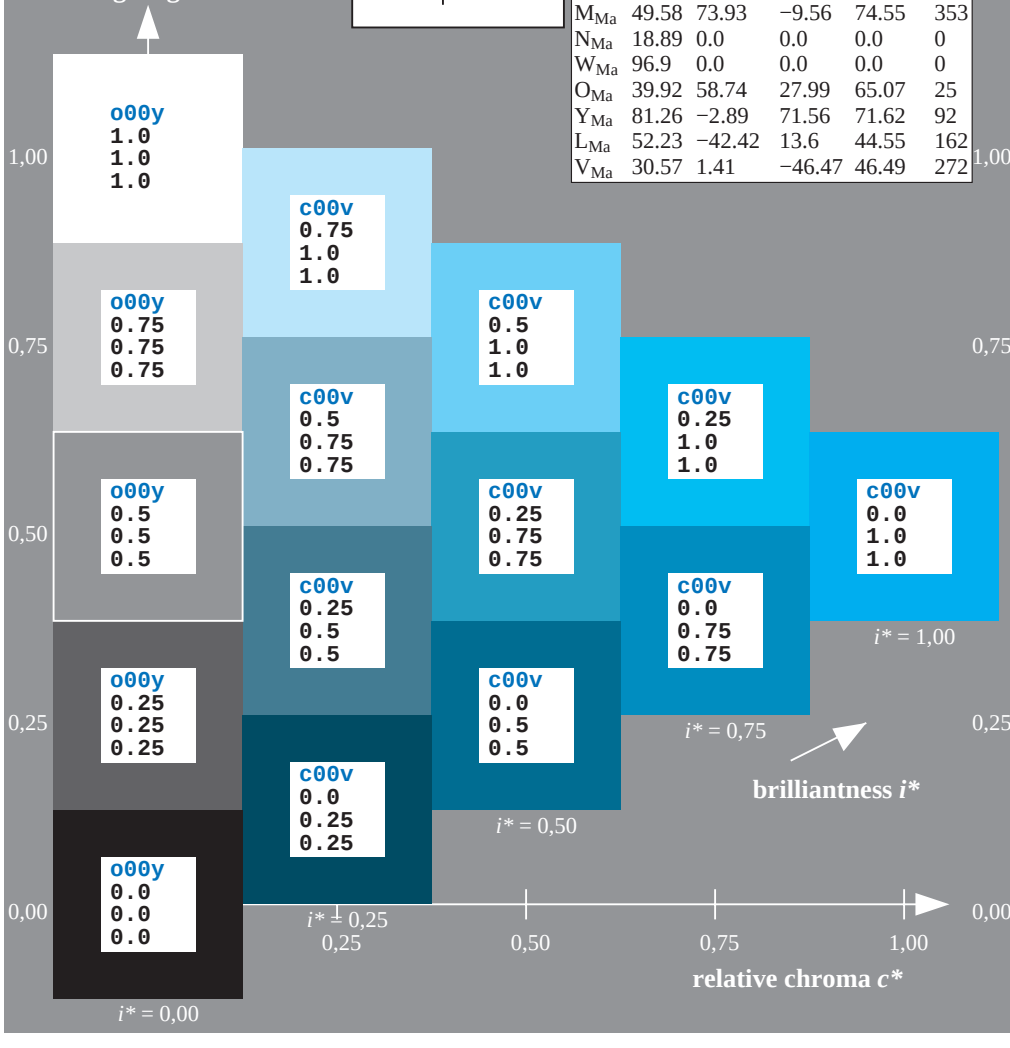
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −29 −46
*LAB*LCH**$_{Ma}$: 60 55 237
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.62 1.0
triangle lightness *t**

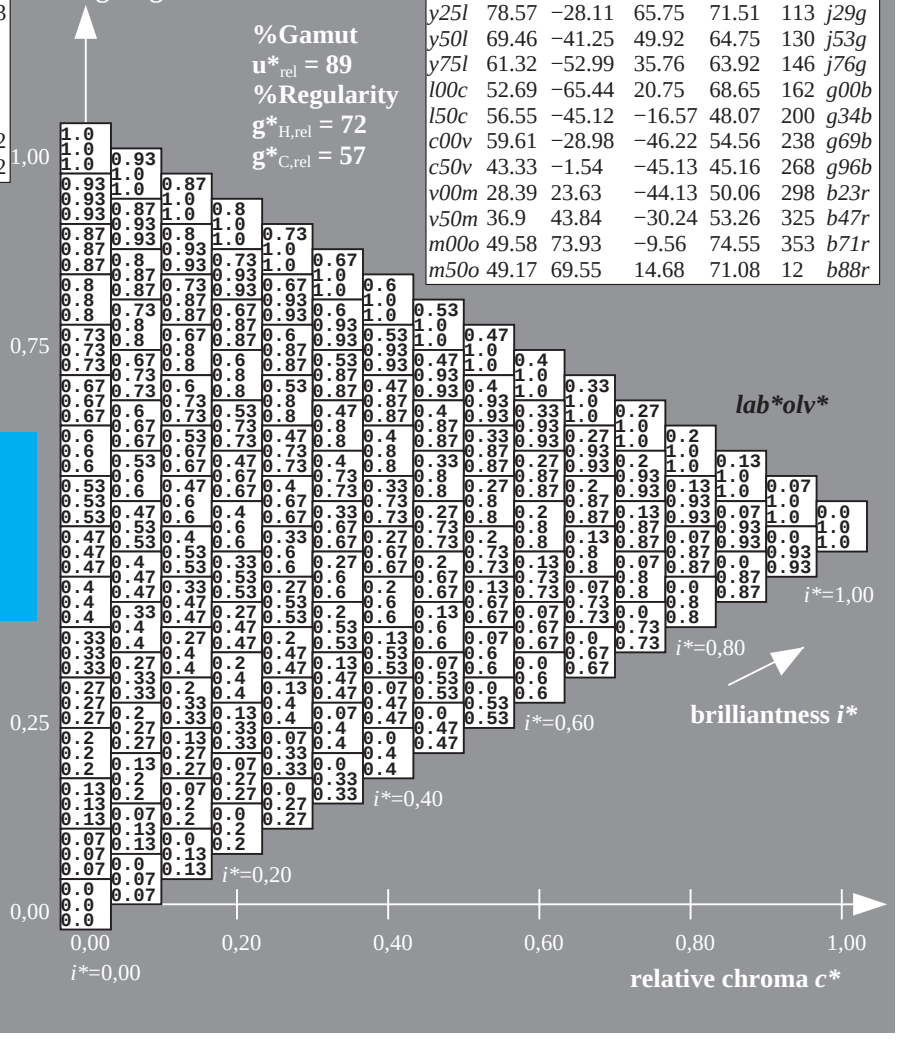
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *c00v*
*lab*olv**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



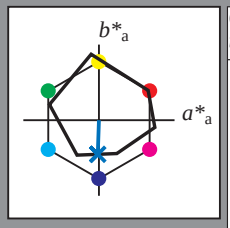


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g96b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

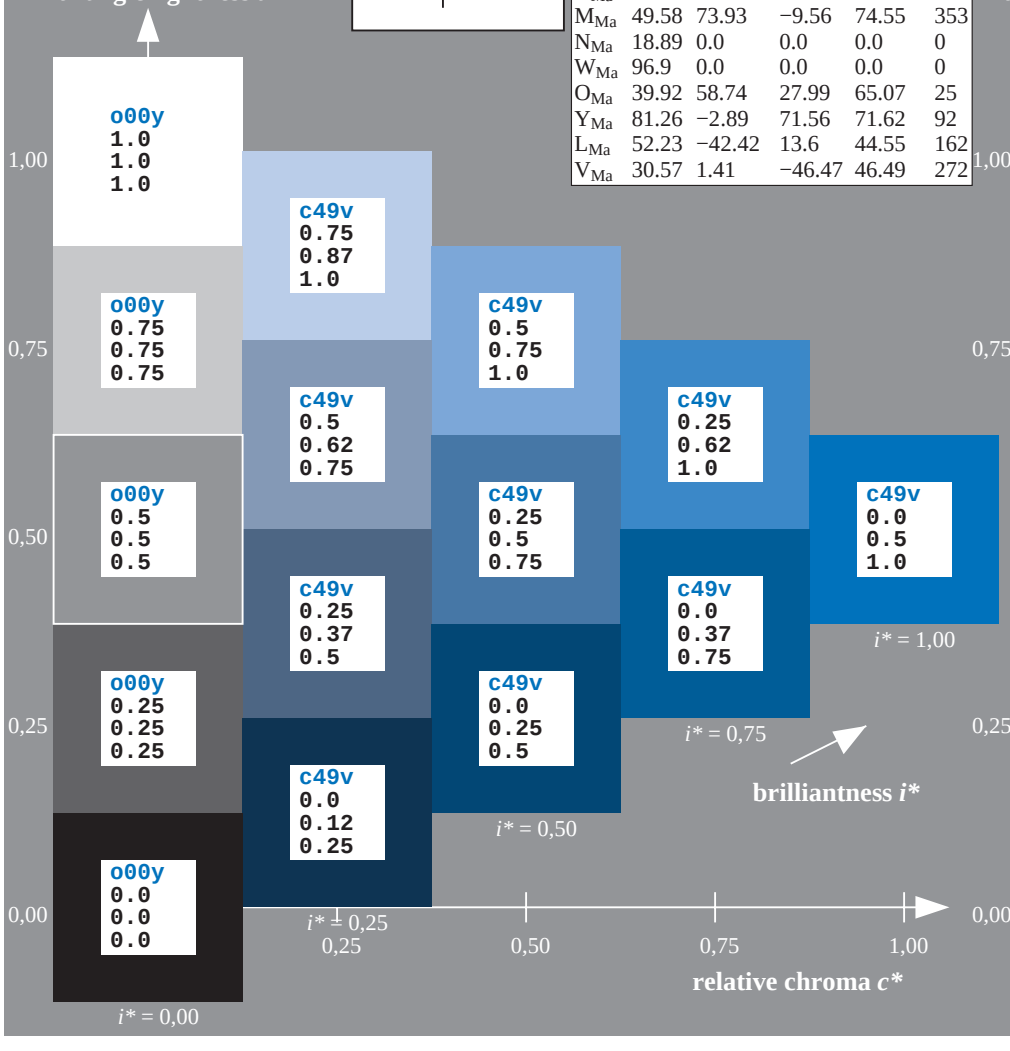
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 −2 −45
*LAB*LCH**$_{Ma}$: 43 45 268
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.07 1.0
triangle lightness *t**

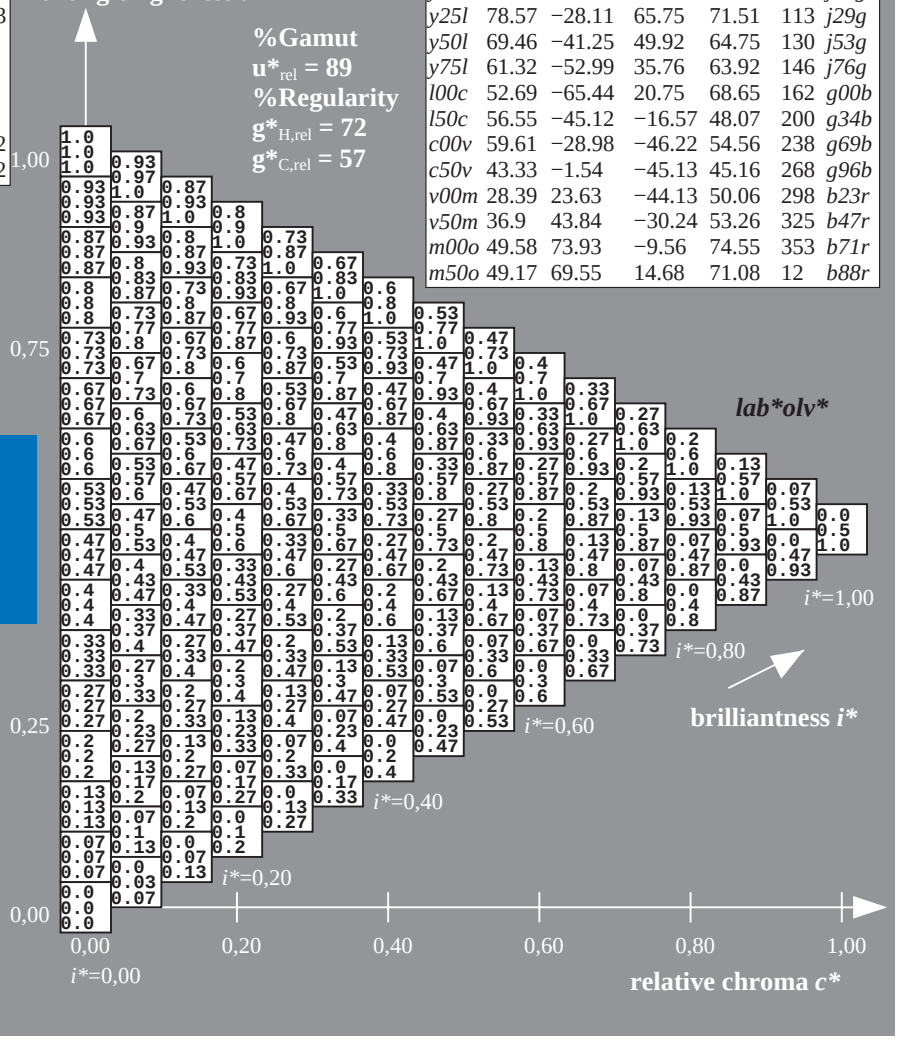
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *c50v*
*lab*olv**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





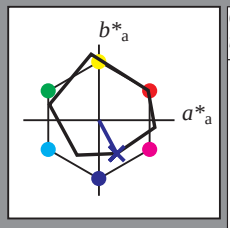
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

$u^*_d = v00m$
lab*olv*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

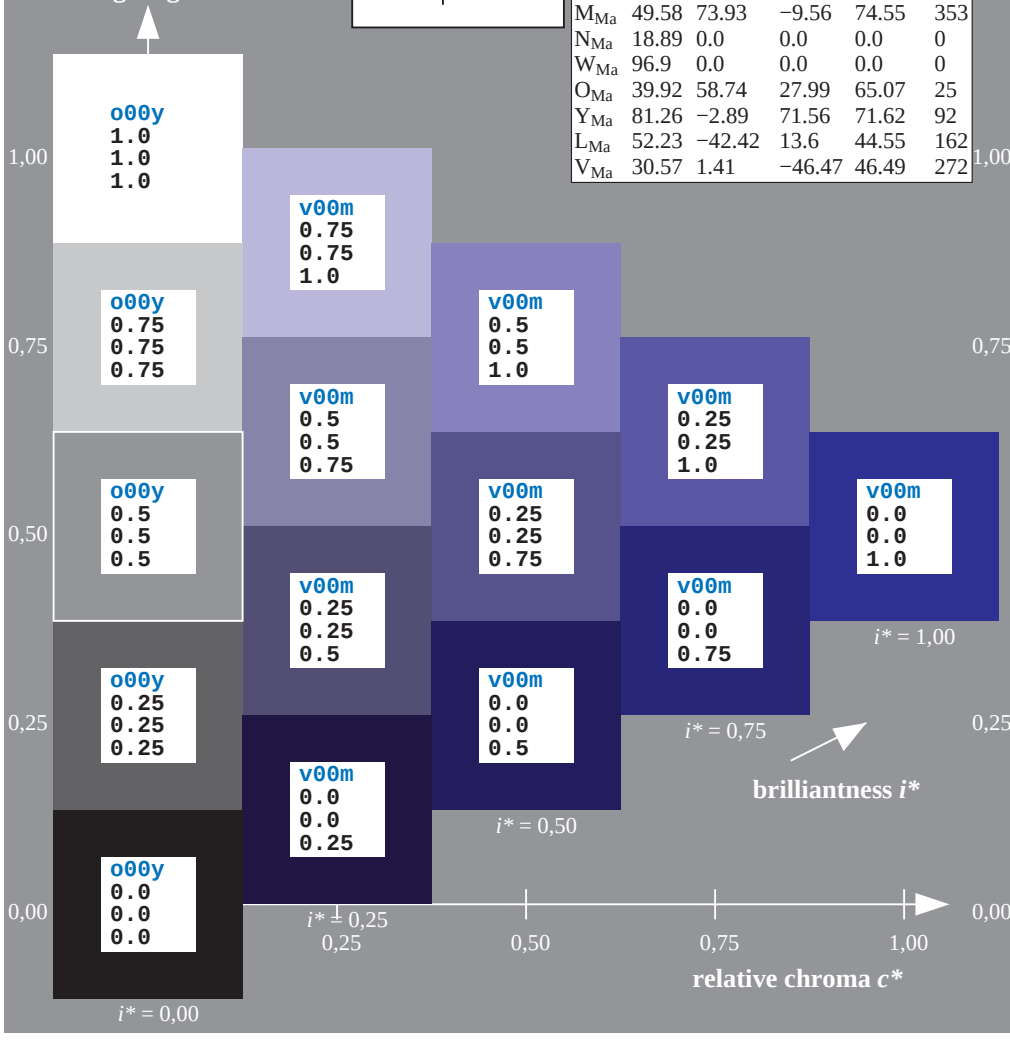
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

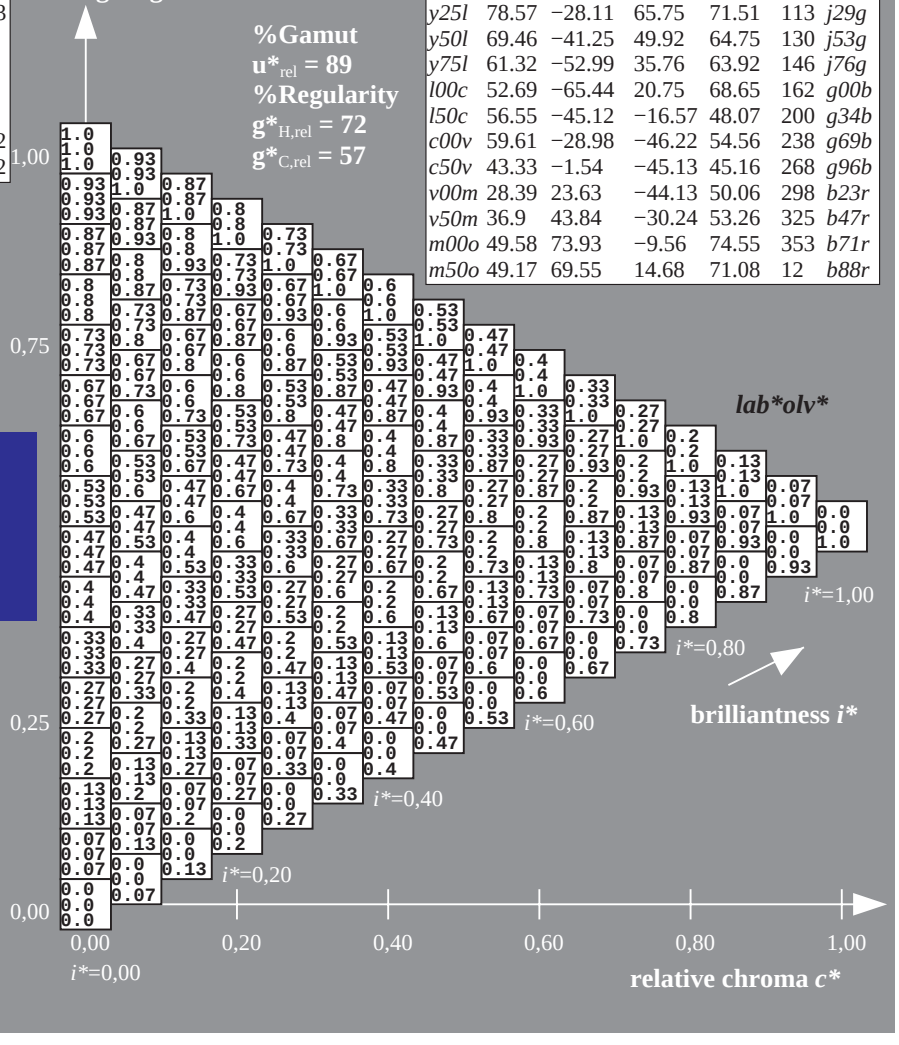
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 28 24 −44**
***LAB*LCH*Ma*: 28 50 298**
***lab*olv*Ma*: 0.0 0.0 1.0**
***lab*rgb*Ma*: 0.46 0.0 1.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





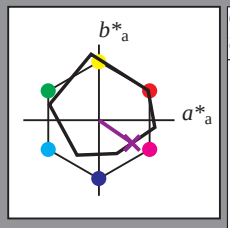
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$

$u^*_d = v50m$
lab^*olv^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



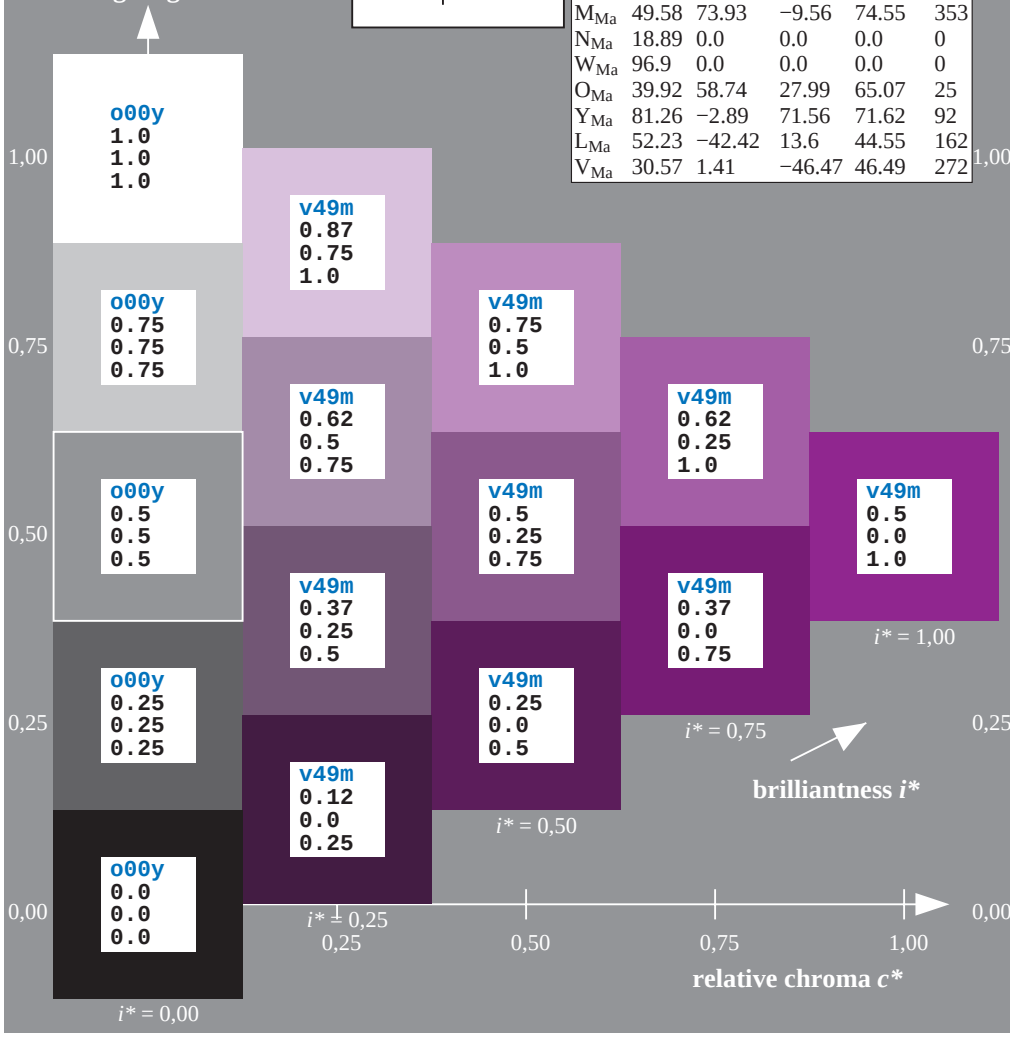
ORS19_96a; adapted (a) CIELAB data

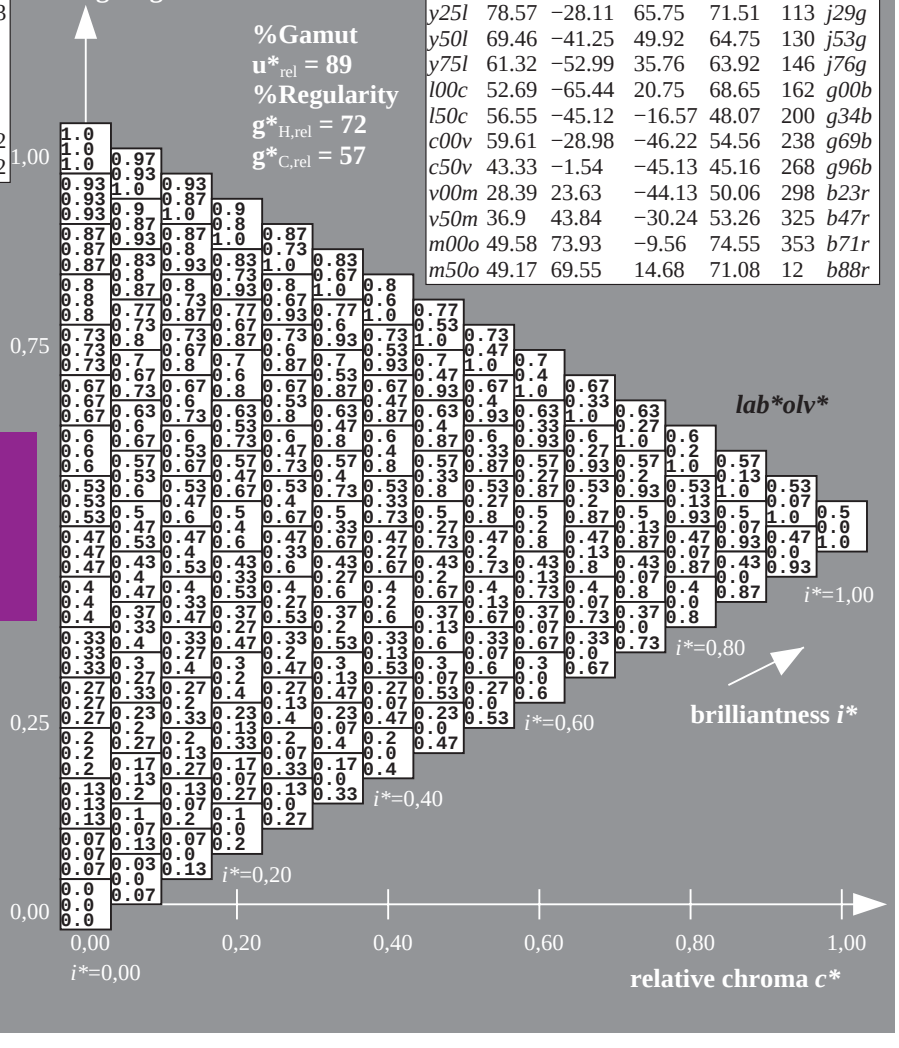
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 37 44 −30
*LAB*LCH**$_{Ma}$: 37 53 325
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.94 0.0 1.0
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



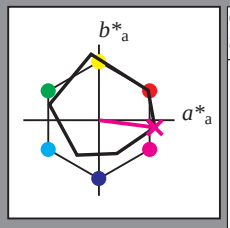


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

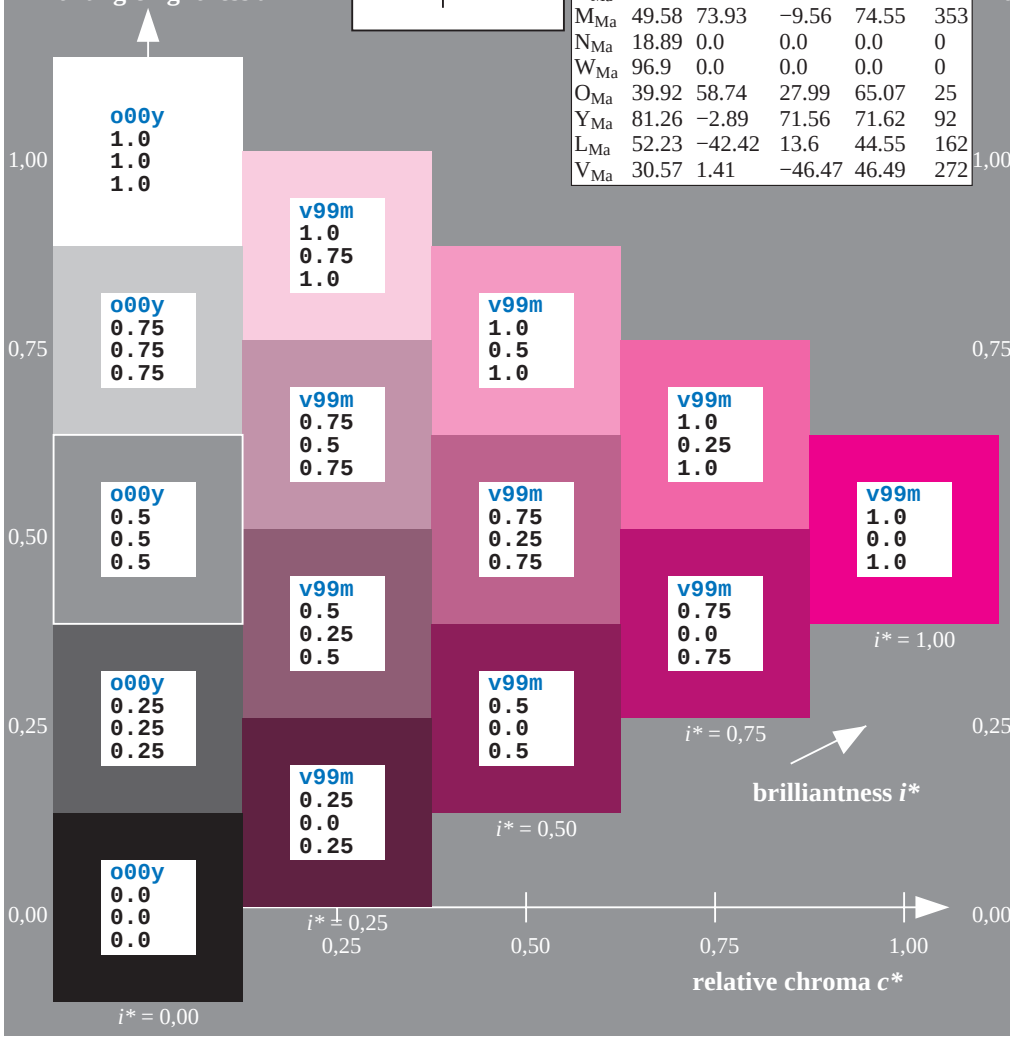
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 50 74 −10
*LAB*LCH**$_{Ma}$: 50 75 352
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.58
triangle lightness *t**

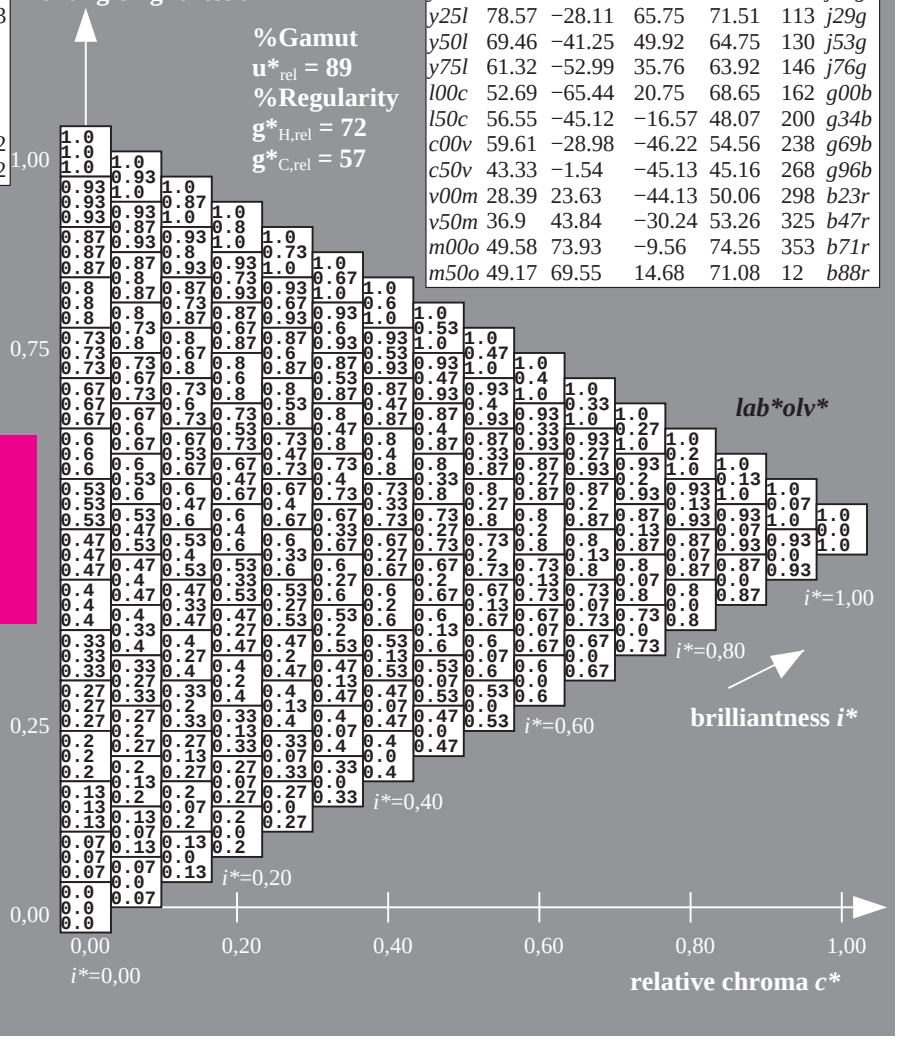
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *m00o*
*lab*olv**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



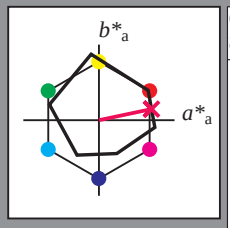


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

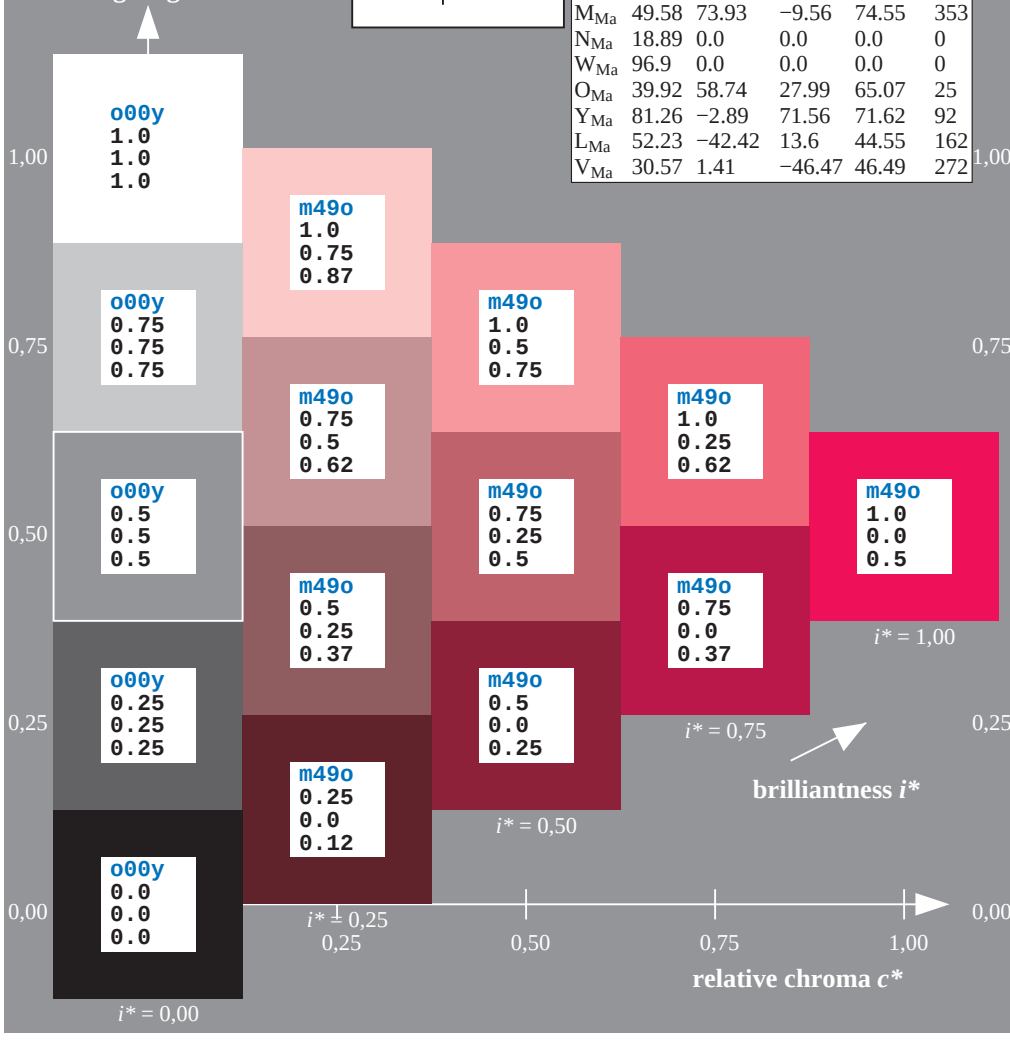
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 70 15
*LAB*LCH**$_{Ma}$: 49 71 11
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.24
triangle lightness *t**

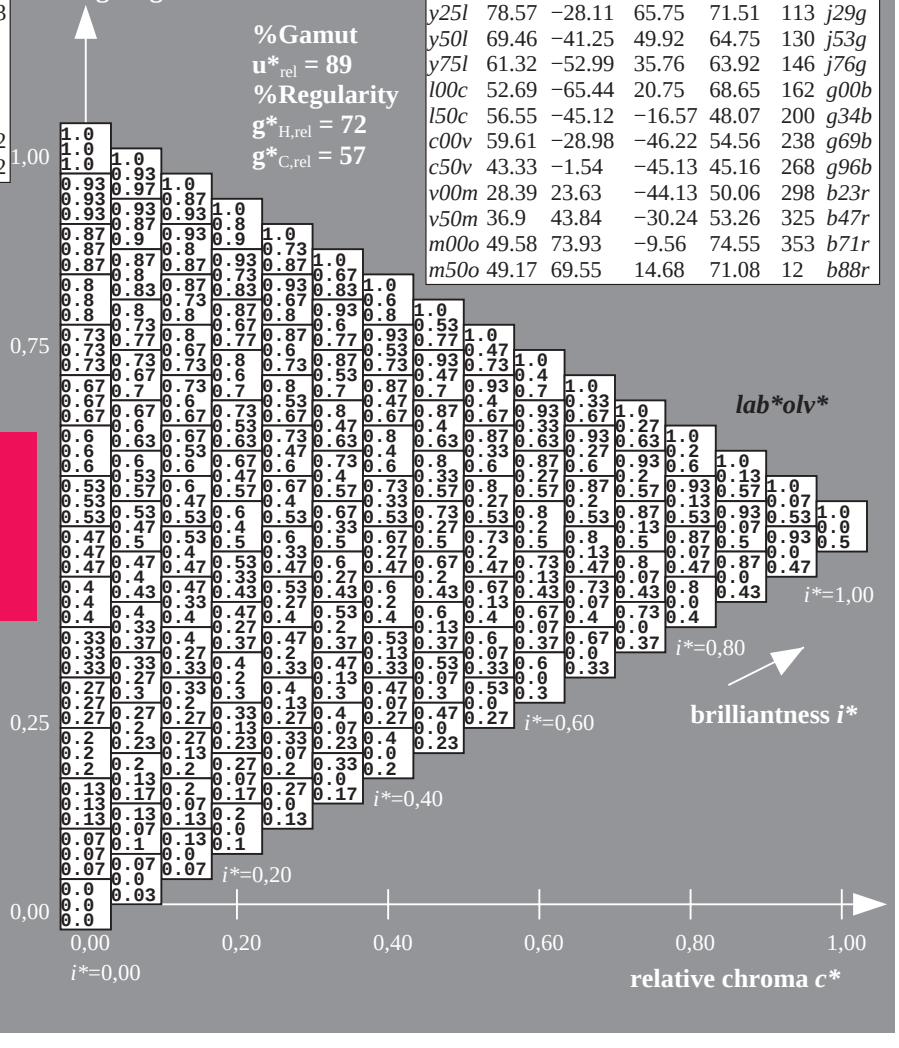
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *m50o*
*lab*olv**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

	A	B	C	D	E	F	G	H	I
01	0.0 0.0 0.0	0.0 0.13 0.0	0.0 0.25 0.0	0.0 0.38 0.0	0.0 0.5 0.0	0.0 0.63 0.0	0.0 0.75 0.0	0.0 0.88 0.0	0.0 1.0 0.0
02	0.0 0.0 0.13	0.0 0.12 0.13	0.0 0.25 0.12	0.0 0.38 0.12	0.0 0.5 0.12	0.0 0.63 0.12	0.0 0.75 0.12	0.0 0.88 0.12	0.0 1.0 0.12
03	0.0 0.0 0.25	0.0 0.12 0.25	0.0 0.25 0.25	0.0 0.38 0.25	0.0 0.5 0.25	0.0 0.63 0.25	0.0 0.75 0.25	0.0 0.88 0.25	0.0 1.0 0.25
04	0.0 0.0 0.38	0.0 0.12 0.38	0.0 0.25 0.38	0.0 0.37 0.38	0.0 0.5 0.37	0.0 0.63 0.37	0.0 0.75 0.37	0.0 0.88 0.37	0.0 1.0 0.37
05	0.0 0.0 0.5	0.0 0.12 0.5	0.0 0.25 0.5	0.0 0.37 0.5	0.0 0.5 0.5	0.0 0.63 0.5	0.0 0.75 0.5	0.0 0.88 0.5	0.0 1.0 0.5
06	0.0 0.0 0.63	0.0 0.12 0.63	0.0 0.25 0.63	0.0 0.37 0.63	0.0 0.5 0.63	0.0 0.62 0.63	0.0 0.75 0.62	0.0 0.88 0.62	0.0 1.0 0.62
07	0.0 0.0 0.75	0.0 0.12 0.75	0.0 0.25 0.75	0.0 0.37 0.75	0.0 0.5 0.75	0.0 0.62 0.75	0.0 0.75 0.75	0.0 0.88 0.75	0.0 1.0 0.75
08	0.0 0.0 0.88	0.0 0.12 0.88	0.0 0.25 0.88	0.0 0.37 0.88	0.0 0.5 0.88	0.0 0.62 0.88	0.0 0.75 0.88	0.0 0.87 0.88	0.0 1.0 0.87
09	0.0 0.0 1.0	0.0 0.12 1.0	0.0 0.25 1.0	0.0 0.37 1.0	0.0 0.5 1.0	0.0 0.62 1.0	0.0 0.75 1.0	0.0 0.87 1.0	0.0 1.0 1.0
10	0.38 0.0 0.0	0.38 0.12 0.0	0.38 0.25 0.0	0.37 0.38 0.0	0.37 0.5 0.0	0.37 0.63 0.0	0.37 0.75 0.0	0.37 0.88 0.0	0.37 1.0 0.0
11	0.38 0.0 0.12	0.38 0.13 0.13	0.38 0.25 0.13	0.37 0.38 0.13	0.37 0.5 0.13	0.37 0.63 0.13	0.37 0.75 0.13	0.37 0.88 0.13	0.37 1.0 0.13
12	0.38 0.0 0.25	0.38 0.13 0.25	0.38 0.25 0.25	0.37 0.38 0.25	0.37 0.5 0.25	0.37 0.63 0.25	0.37 0.75 0.25	0.37 0.88 0.25	0.37 1.0 0.25
13	0.37 0.0 0.38	0.37 0.13 0.38	0.37 0.25 0.38	0.38 0.38 0.38	0.38 0.5 0.38	0.38 0.63 0.38	0.38 0.75 0.38	0.38 0.88 0.38	0.38 1.0 0.38
14	0.37 0.0 0.5	0.37 0.13 0.5	0.37 0.25 0.5	0.38 0.38 0.5	0.38 0.5 0.5	0.38 0.63 0.5	0.38 0.75 0.5	0.38 0.88 0.5	0.38 1.0 0.5
15	0.37 0.0 0.63	0.37 0.13 0.63	0.37 0.25 0.63	0.38 0.38 0.63	0.38 0.5 0.63	0.38 0.62 0.63	0.38 0.75 0.62	0.38 0.88 0.62	0.38 1.0 0.62
16	0.37 0.0 0.75	0.37 0.13 0.75	0.37 0.25 0.75	0.38 0.38 0.75	0.38 0.5 0.75	0.38 0.62 0.75	0.38 0.75 0.75	0.38 0.88 0.75	0.38 1.0 0.75
17	0.37 0.0 0.88	0.37 0.13 0.88	0.37 0.25 0.88	0.38 0.38 0.88	0.38 0.5 0.88	0.38 0.62 0.88	0.38 0.75 0.88	0.38 0.87 0.88	0.38 1.0 0.87
18	0.37 0.0 1.0	0.37 0.13 1.0	0.37 0.25 1.0	0.38 0.38 1.0	0.38 0.5 1.0	0.38 0.62 1.0	0.38 0.75 1.0	0.38 0.87 1.0	0.38 1.0 1.0
19	0.75 0.0 0.0	0.75 0.12 0.0	0.75 0.25 0.0	0.75 0.37 0.0	0.75 0.5 0.0	0.75 0.62 0.0	0.75 0.75 0.0	0.75 0.88 0.0	0.75 1.0 0.0
20	0.75 0.0 0.12	0.75 0.13 0.13	0.75 0.25 0.13	0.75 0.37 0.13	0.75 0.5 0.13	0.75 0.62 0.13	0.75 0.75 0.13	0.75 0.88 0.13	0.75 1.0 0.13
21	0.75 0.0 0.25	0.75 0.13 0.25	0.75 0.25 0.25	0.75 0.37 0.25	0.75 0.5 0.25	0.75 0.62 0.25	0.75 0.75 0.25	0.75 0.88 0.25	0.75 1.0 0.25
22	0.75 0.0 0.37	0.75 0.13 0.37	0.75 0.25 0.37	0.75 0.38 0.38	0.75 0.5 0.38	0.75 0.62 0.38	0.75 0.75 0.38	0.75 0.88 0.38	0.75 1.0 0.38
23	0.75 0.0 0.5	0.75 0.13 0.5	0.75 0.25 0.5	0.75 0.38 0.5	0.75 0.5 0.5	0.75 0.62 0.5	0.75 0.75 0.5	0.75 0.88 0.5	0.75 1.0 0.5
24	0.75 0.0 0.62	0.75 0.13 0.62	0.75 0.25 0.62	0.75 0.38 0.62	0.75 0.5 0.62	0.75 0.63 0.63	0.75 0.75 0.63	0.75 0.88 0.63	0.75 1.0 0.63
25	0.75 0.0 0.75	0.75 0.13 0.75	0.75 0.25 0.75	0.75 0.38 0.75	0.75 0.5 0.75	0.75 0.63 0.75	0.75 0.75 0.75	0.75 0.88 0.75	0.75 1.0 0.75
26	0.75 0.0 0.88	0.75 0.13 0.88	0.75 0.25 0.88	0.75 0.38 0.88	0.75 0.5 0.88	0.75 0.63 0.88	0.75 0.75 0.88	0.75 0.87 0.88	0.75 1.0 0.87
27	0.75 0.0 1.0	0.75 0.13 1.0	0.75 0.25 1.0	0.75 0.38 1.0	0.75 0.5 1.0	0.75 0.63 1.0	0.75 0.75 1.0	0.75 0.87 1.0	0.75 1.0 1.0

	J	K	L	M	N	O	P	Q	R
01	0.13 0.0 0.0	0.12 0.13 0.0	0.12 0.25 0.0	0.12 0.38 0.0	0.12 0.5 0.0	0.12 0.63 0.0	0.12 0.75 0.0	0.12 0.88 0.0	0.12 1.0 0.0
02	0.12 0.0 0.13	0.13 0.13 0.13	0.13 0.25 0.13	0.13 0.38 0.13	0.13 0.5 0.13	0.13 0.63 0.13	0.13 0.75 0.13	0.13 0.88 0.13	0.13 1.0 0.13
03	0.12 0.0 0.25	0.13 0.13 0.25	0.13 0.25 0.25	0.13 0.38 0.25	0.13 0.5 0.25	0.13 0.63 0.25	0.13 0.75 0.25	0.13 0.88 0.25	0.13 1.0 0.25
04	0.12 0.0 0.38	0.13 0.13 0.38	0.13 0.25 0.38	0.13 0.37 0.38	0.13 0.5 0.37	0.13 0.63 0.37	0.13 0.75 0.37	0.13 0.88 0.37	0.13 1.0 0.37
05	0.12 0.0 0.5	0.13 0.13 0.5	0.13 0.25 0.5	0.13 0.37 0.5	0.13 0.5 0.5	0.13 0.63 0.5	0.13 0.75 0.5	0.13 0.88 0.5	0.13 1.0 0.5
06	0.12 0.0 0.63	0.13 0.13 0.63	0.13 0.25 0.63	0.13 0.37 0.63	0.13 0.5 0.63	0.13 0.62 0.63	0.13 0.75 0.62	0.13 0.88 0.62	0.13 1.0 0.62
07	0.12 0.0 0.75	0.13 0.13 0.75	0.13 0.25 0.75	0.13 0.37 0.75	0.13 0.5 0.75	0.13 0.62 0.75	0.13 0.75 0.75	0.13 0.88 0.75	0.13 1.0 0.75
08	0.12 0.0 0.88	0.13 0.13 0.88	0.13 0.25 0.88	0.13 0.37 0.88	0.13 0.5 0.88	0.13 0.62 0.88	0.13 0.75 0.88	0.13 0.87 0.88	0.13 1.0 0.87
09	0.12 0.0 1.0	0.13 0.13 1.0	0.13 0.25 1.0	0.13 0.37 1.0	0.13 0.5 1.0	0.13 0.62 1.0	0.13 0.75 1.0	0.13 0.87 1.0	0.13 1.0 1.0
10	0.5 0.0 0.0	0.5 0.12 0.0	0.5 0.25 0.0	0.5 0.37 0.0	0.5 0.5 0.0	0.5 0.63 0.0	0.5 0.75 0.0	0.5 0.88 0.0	0.5 1.0 0.0
11	0.5 0.0 0.12	0.5 0.13 0.13	0.5 0.25 0.13	0.5 0.37 0.13	0.5 0.5 0.13	0.5 0.63 0.13	0.5 0.75 0.13	0.5 0.88 0.13	0.5 1.0 0.13
12	0.5 0.0 0.25	0.5 0.13 0.25	0.5 0.25 0.25	0.5 0.37 0.25	0.5 0.5 0.25	0.5 0.63 0.25	0.5 0.75 0.25	0.5 0.88 0.25	0.5 1.0 0.25
13	0.5 0.0 0.37	0.5 0.13 0.37	0.5 0.25 0.37	0.5 0.38 0.38	0.5 0.5 0.38	0.5 0.63 0.38	0.5 0.75 0.38	0.5 0.88 0.38	0.5 1.0 0.38
14	0.5 0.0 0.5	0.5 0.13 0.5	0.5 0.25 0.5	0.5 0.38 0.5	0.5 0.5 0.5	0.5 0.63 0.5	0.5 0.75 0.5	0.5 0.88 0.5	0.5 1.0 0.5
15	0.5 0.0 0.63	0.5 0.13 0.63	0.5 0.25 0.63	0.5 0.38 0.63	0.5 0.5 0.63	0.5 0.62 0.63	0.5 0.75 0.62	0.5 0.88 0.62	0.5 1.0 0.62
16	0.5 0.0 0.75	0.5 0.13 0.75	0.5 0.25 0.75	0.5 0.38 0.75	0.5 0.5 0.75	0.5 0.62 0.75	0.5 0.75 0.75	0.5 0.88 0.75	0.5 1.0 0.75
17	0.5 0.0 0.88	0.5 0.13 0.88	0.5 0.25 0.88	0.5 0.38 0.88	0.5 0.5 0.88	0.5 0.62 0.88	0.5 0.75 0.88	0.5 0.87 0.88	0.5 1.0 0.87
18	0.5 0.0 1.0	0.5 0.13 1.0	0.5 0.25 1.0	0.5 0.38 1.0	0.5 0.5 1.0	0.5 0.62 1.0	0.5 0.75 1.0	0.5 0.87 1.0	0.5 1.0 1.0
19	0.88 0.0 0.0	0.88 0.12 0.0	0.88 0.25 0.0	0.88 0.37 0.0	0.88 0.5 0.0	0.88 0.62 0.0	0.88 0.75 0.0	0.87 0.88 0.0	0.87 1.0 0.0
20	0.88 0.0 0.12	0.88 0.13 0.13	0.88 0.25 0.13	0.88 0.37 0.13	0.88 0.5 0.13	0.88 0.62 0.13	0.88 0.75 0.13	0.87 0.88 0.13	0.87 1.0 0.13
21	0.88 0.0 0.25	0.88 0.13 0.25	0.88 0.25 0.25	0.88 0.37 0.25	0.88 0.5 0.25	0.88 0.62 0.25	0.88 0.75 0.25	0.87 0.88 0.25	0.87 1.0 0.25
22	0.88 0.0 0.37	0.88 0.13 0.37	0.88 0.25 0.37	0.88 0.38 0.38	0.88 0.5 0.38	0.88 0.62 0.38	0.88 0.75 0.38	0.87 0.88 0.38	0.87 1.0 0.38
23	0.88 0.0 0.5	0.88 0.13 0.5	0.88 0.25 0.5	0.88 0.38 0.5	0.88 0.5 0.5	0.88 0.62 0.5	0.88 0.75 0.5	0.87 0.88 0.5	0.87 1.0 0.5
24	0.88 0.0 0.62	0.88 0.13 0.62	0.88 0.25 0.62	0.88 0.38 0.62	0.88 0.5 0.62	0.88 0.63 0.63	0.88 0.75 0.63	0.87 0.88 0.63	0.87 1.0 0.63
25	0.88 0.0 0.75	0.88 0.13 0.75	0.88 0.25 0.75	0.88 0.38 0.75	0.88 0.5 0.75	0.88 0.63 0.75	0.88 0.75 0.75	0.87 0.88 0.75	0.87 1.0 0.75
26	0.87 0.0 0.88	0.87 0.13 0.88	0.87 0.25 0.88	0.87 0.38 0.88	0.87 0.5 0.88	0.87 0.63 0.88	0.87 0.75 0.88	0.88 0.88 0.88	0.88 1.0 0.88
27	0.87 0.0 1.0	0.87 0.13 1.0	0.87 0.25 1.0	0.87 0.38 1.0	0.87 0.5 1.0	0.87 0.63 1.0	0.87 0.75 1.0	0.88 0.88 1.0	0.88 1.0 1.0

	S	T	U	V	W	X	Y	Z	a
01	0.25 0.0 0.0	0.25 0.12 0.0	0.25 0.25 0.0	0.25 0.38 0.0	0.25 0.5 0.0	0.25 0.63 0.0	0.25 0.75 0.0	0.25 0.88 0.0	0.25 1.0 0.0
02	0.25 0.0 0.12	0.25 0.13 0.13	0.25 0.25 0.13	0.25 0.38 0.13	0.25 0.5 0.13	0.25 0.63 0.13	0.25 0.75 0.13	0.25 0.88 0.13	0.25 1.0 0.13
03	0.25 0.0 0.25	0.25 0.13 0.25	0.25 0.25 0.25	0.25 0.38 0.25	0.25 0.5 0.25	0.25 0.63 0.25	0.25 0.75 0.25	0.25 0.88 0.25	0.25 1.0 0.25
04	0.25 0.0 0.38	0.25 0.13 0.38	0.25 0.25 0.38	0.25 0.37 0.38	0.25 0.5 0.37	0.25 0.63 0.37	0.25 0.75 0.37	0.25 0.88 0.37	0.25 1.0 0.37
05	0.25 0.0 0.5	0.25 0.13 0.5	0.25 0.25 0.5	0.25 0.37 0.5	0.25 0.5 0.5	0.25 0.63 0.5	0.25 0.75 0.5	0.25 0.88 0.5	0.25 1.0 0.5
06	0.25 0.0 0.63	0.25 0.13 0.63	0.25 0.25 0.63	0.25 0.37 0.63	0.25 0.5 0.63	0.25 0.62 0.63	0.25 0.75 0.62	0.25 0.88 0.62	0.25 1.0 0.62
07	0.25 0.0 0.75	0.25 0.13 0.75	0.25 0.25 0.75	0.25 0.37 0.75	0.25 0.5 0.75	0.25 0.62 0.75	0.25 0.75 0.75	0.25 0.88 0.75	0.25 1.0 0.75
08	0.25 0.0 0.88	0.25 0.13 0.88	0.25 0.25 0.88	0.25 0.37 0.88	0.25 0.5 0.88	0.25 0.62 0.88	0.25 0.75 0.88	0.25 0.87 0.88	0.25 1.0 0.87
09	0.25 0.0 1.0	0.25 0.13 1.0	0.25 0.25 1.0	0.25 0.37 1.0	0.25 0.5 1.0	0.25 0.62 1.0	0.25 0.75 1.0	0.25 0.87 1.0	0.25 1.0 1.0
10	0.63 0.0 0.0	0.63 0.12 0.0	0.63 0.25 0.0	0.63 0.37 0.0	0.63 0.5 0.0	0.62 0.63 0.0	0.62 0.75 0.0	0.62 0.88 0.0	0.62 1.0 0.0
11	0.63 0.0 0.12	0.63 0.13 0.13	0.63 0.25 0.13	0.63 0.37 0.13	0.63 0.5 0.13	0.62 0.63 0.13	0.62 0.75 0.13	0.62 0.88 0.13	0.62 1.0 0.13
12	0.63 0.0 0.25	0.63 0.13 0.25	0.63 0.25 0.25	0.63 0.37 0.25	0.63 0.5 0.25	0.62 0.63 0.25	0.62 0.75 0.25	0.62 0.88 0.25	0.62 1.0 0.25
13	0.63 0.0 0.37	0.63 0.13 0.37	0.63 0.25 0.37	0.63 0.38 0.38	0.63 0.5 0.38	0.62 0.63 0.38	0.62 0.75 0.38	0.62 0.88 0.38	0.62 1.0 0.38
14	0.63 0.0 0.5	0.63 0.13 0.5	0.63 0.25 0.5	0.63 0.38 0.5	0.63 0.5 0.5	0.62 0.63 0.5	0.62 0.75 0.5	0.62 0.88 0.5	0.62 1.0 0.5
15	0.62 0.0 0.63	0.62 0.13 0.63	0.62 0.25 0.63	0.62 0.38 0.63	0.62 0.5 0.63	0.63 0.63 0.63	0.63 0.75 0.63	0.63 0.88 0.63	0.63 1.0 0.63
16	0.62 0.0 0.75	0.62 0.13 0.75	0.62 0.25 0.75	0.62 0.38 0.75	0.62 0.5 0.75	0.63 0.63 0.75	0.63 0.75 0.75	0.63 0.88 0.75	0.63 1.0 0.75
17	0.62 0.0 0.88	0.62 0.13 0.88	0.62 0.25 0.88	0.62 0.38 0.88	0.62 0.5 0.88	0.63 0.63 0.88	0.63 0.75 0.88	0.63 0.87 0.88	0.63 1.0 0.87
18	0.62 0.0 1.0	0.62 0.13 1.0	0.62 0.25 1.0	0.62 0.38 1.0	0.62 0.5 1.0	0.63 0.63 1.0	0.63 0.75 1.0	0.63 0.87 1.0	0.63 1.0 1.0
19	1.0 0.0 0.0	1.0 0.12 0.0	1.0 0.25 0.0	1.0 0.37 0.0	1.0 0.5 0.0	1.0 0.62 0.0	1.0 0.75 0.0	1.0 0.87 0.0	1.0 1.0 0.0
20	1.0 0.0 0.12	1.0 0.13 0.13	1.0 0.25 0.13	1.0 0.37 0.13	1.0 0.5 0.13	1.0 0.62 0.13	1.0 0.75 0.13	1.0 0.87 0.13	1.0 1.0 0.13
21	1.0 0.0 0.25	1.0 0.13 0.25	1.0 0.25 0.25	1.0 0.37 0.25	1.0 0.5 0.25	1.0 0.62 0.25	1.0 0.75 0.25	1.0 0.87 0.25	1.0 1.0 0.25
22	1.0 0.0 0.37	1.0 0.13 0.37	1.0 0.25 0.37	1.0 0.38 0.38	1.0 0.5 0.38	1.0 0.62 0.38	1.0 0.75 0.38	1.0 0.87 0.38	1.0 1.0 0.38
23	1.0 0.0 0.5	1.0 0.13 0.5	1.0 0.25 0.5	1.0 0.38 0.5	1.0 0.5 0.5	1.0 0.62 0.5	1.0 0.75 0.5	1.0 0.87 0.5	1.0 1.0 0.5
24	1.0 0.0 0.62	1.0 0.13 0.62	1.0 0.25 0.62	1.0 0.38 0.62	1.0 0.5 0.62	1.0 0.63 0.63	1.0 0.75 0.63	1.0 0.87 0.63	1.0 1.0 0.63
25	1.0 0.0 0.75	1.0 0.13 0.75	1.0 0.25 0.75	1.0 0.38 0.75	1.0 0.5 0.75	1.0 0.63 0.75	1.0 0.75 0.75	1.0 0.87 0.75	1.0 1.0 0.75
26	1.0 0.0 0.87	1.0 0.13 0.87	1.0 0.25 0.87	1.0 0.38 0.87	1.0 0.5 0.87	1.0 0.63 0.87	1.0 0.75 0.87	1.0 0.88 0.88	1.0 1.0 0.88
27	1.0 0.0 1.0	1.0 0.13 1.0	1.0 0.25 1.0	1.0 0.38 1.0	1.0 0.5 1.0	1.0 0.63 1.0	1.0 0.75 1.0	1.0 0.88 1.0	1.0 1.0 1.0

	b	c	d	e	f	g	h	i	j
01	1.0 1.0 1.0	1.0 0.88 0.88	1.0 0.75 0.75	1.0 0.63 0.63	1.0 0.5 0.5	1.0 0.38 0.38	1.0 0.25 0.25	1.0 0.13 0.13	1.0 0.0 0.0
02	0.88 1.0 1.0	0.88 0.88 0.88	0.88 0.75 0.75	0.88 0.63 0.63	0.88 0.5 0.5	0.88 0.38 0.38	0.88 0.25 0.25	0.88 0.13 0.13	0.88 0.0 0.0
03	0.75 1.0 1.0	0.75 0.87 0.88	0.75 0.75 0.75	0.75 0.63 0.63	0.75 0.5 0.5	0.75 0.38 0.38	0.75 0.25 0.25	0.75 0.13 0.13	0.75 0.0 0.0
04	0.63 1.0 1.0	0.63 0.87 0.88	0.63 0.75 0.75	0.63 0.63 0.63	0.63 0.5 0.5	0.63 0.38 0.38	0.63 0.25 0.25	0.63 0.13 0.13	0.63 0.0 0.0
05	0.5 1.0 1.0	0.5 0.87 0.88	0.5 0.75 0.75	0.5 0.62 0.63	0.5 0.5 0.5	0.5 0.38 0.38	0.5 0.25 0.25	0.5 0.13 0.13	0.5 0.0 0.0
06	0.38 1.0 1.0	0.38 0.87 0.88	0.38 0.75 0.75	0.38 0.62 0.63	0.38 0.5 0.5	0.38 0.38 0.38	0.38 0.25 0.25	0.38 0.13 0.13	0.38 0.0 0.0
07	0.25 1.0 1.0	0.25 0.87 0.88	0.25 0.75 0.75	0.25 0.62 0.63	0.25 0.5 0.5	0.25 0.37 0.38	0.25 0.25 0.25	0.25 0.13 0.13	0.25 0.0 0.0
08	0.13 1.0 1.0	0.13 0.87 0.88	0.13 0.75 0.75	0.13 0.62 0.63	0.13 0.5 0.5	0.13 0.37 0.38	0.13 0.25 0.25	0.13 0.13 0.13	0.13 0.0 0.0
09	0.0 1.0 1.0	0.0 0.87 0.88	0.0 0.75 0.75	0.0 0.62 0.63	0.0 0.5 0.5	0.0 0.37 0.38	0.0 0.25 0.25	0.0 0.12 0.13	0.0 0.0 0.0
10	1.0 1.0 1.0	1.0 1.0 0.88	1.0 1.0 0.75	1.0 1.0 0.63	1.0 1.0 0.5	1.0 1.0 0.38	1.0 1.0 0.25	1.0 1.0 0.13	1.0 1.0 0.0
11	0.88 0.88 1.0	0.88 0.88 0.88	0.87 0.88 0.75	0.87 0.88 0.63	0.87 0.88 0.5	0.87 0.88 0.38	0.87 0.88 0.25	0.87 0.88 0.13	0.87 0.88 0.0
12	0.75 0.75 1.0	0.75 0.75 0.88	0.75 0.75 0.75	0.75 0.75 0.63	0.75 0.75 0.5	0.75 0.75 0.38	0.75 0.75 0.25	0.75 0.75 0.13	0.75 0.75 0.0
13	0.63 0.63 1.0	0.63 0.63 0.88	0.63 0.63 0.75	0.63 0.63 0.63	0.62 0.63 0.5	0.62 0.63 0.38	0.62 0.63 0.25	0.62 0.63 0.13	0.62 0.63 0.0
14	0.5 0.5 1.0	0.5 0.5 0.88	0.5 0.5 0.75	0.5 0.5 0.63	0.5 0.5 0.5	0.5 0.5 0.38	0.5 0.5 0.25	0.5 0.5 0.13	0.5 0.5 0.0
15	0.38 0.38 1.0	0.38 0.38 0.88	0.38 0.38 0.75	0.38 0.38 0.63	0.38 0.38 0.5	0.38 0.38 0.38	0.37 0.38 0.25	0.37 0.38 0.13	0.37 0.38 0.0
16	0.25 0.25 1.0	0.25 0.25 0.88	0.25 0.25 0.75	0.25 0.25 0.63	0.25 0.25 0.5	0.25 0.25 0.38	0.25 0.25 0.25	0.25 0.25 0.13	0.25 0.25 0.0
17	0.13 0.13 1.0	0.13 0.13 0.88	0.13 0.13 0.75	0.13 0.13 0.63	0.13 0.13 0.5	0.13 0.13 0.38	0.13 0.13 0.25	0.13 0.13 0.13	0.12 0.13 0.0
18	0.0 0.0 1.0	0.0 0.0 0.88	0.0 0.0 0.75	0.0 0.0 0.63	0.0 0.0 0.5	0.0 0.0 0.38	0.0 0.0 0.25	0.0 0.0 0.13	0.0 0.0 0.0
19	1.0 1.0 1.0	0.88 1.0 0.88	0.75 1.0 0.75	0.63 1.0 0.63	0.5 1.0 0.5	0.38 1.0 0.38	0.25 1.0 0.25	0.13 1.0 0.13	0.0 1.0 0.0
20	1.0 0.88 1.0	0.88 0.88 0.88	0.75 0.88 0.75	0.63 0.88 0.63	0.5 0.88 0.5	0.38 0.88 0.38	0.25 0.88 0.25	0.13 0.88 0.13	0.0 0.88 0.0
21	1.0 0.75 1.0	0.87 0.75 0.88	0.75 0.75 0.75	0.63 0.75 0.63	0.5 0.75 0.5	0.38 0.75 0.38	0.25 0.75 0.25	0.13 0.75 0.13	0.0 0.75 0.0
22	1.0 0.63 1.0	0.87 0.63 0.88	0.75 0.63 0.75	0.63 0.63 0.63	0.5 0.63 0.5	0.38 0.63 0.38	0.25 0.63 0.25	0.13 0.63 0.13	0.0 0.63 0.0
23	1.0 0.5 1.0	0.87 0.5 0.88	0.75 0.5 0.75	0.62 0.5 0.63	0.5 0.5 0.5	0.38 0.5 0.38	0.25 0.5 0.25	0.13 0.5 0.13	0.0 0.5 0.0
24	1.0 0.38 1.0	0.87 0.38 0.88	0.75 0.38 0.75	0.62 0.38 0.63	0.5 0.38 0.5	0.38 0.38 0.38	0.25 0.38 0.25	0.13 0.38 0.13	0.0 0.38 0.0
25	1.0 0.25 1.0	0.87 0.25 0.88	0.75 0.25 0.75	0.62 0.25 0.63	0.5 0.25 0.5	0.37 0.25 0.38	0.25 0.25 0.25	0.13 0.25 0.13	0.0 0.25 0.0
26	1.0 0.13 1.0	0.87 0.13 0.88	0.75 0.13 0.75	0.62 0.13 0.63	0.5 0.13 0.5	0.37 0.13 0.38	0.25 0.13 0.25	0.13 0.13 0.13	0.0 0.13 0.0
27	1.0 0.0 1.0	0.87 0.0 0.88	0.75 0.0 0.75	0.62 0.0 0.63	0.5 0.0 0.5	0.37 0.0 0.38	0.25 0.0 0.25	0.12 0.0 0.13	0.0 0.0 0.0

	k	*lab*olv**		
01	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
03	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25
04	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38
05	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5
06	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63
07	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75
08	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88
09	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
10	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
11	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07
12	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
13	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2
14	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27
15	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33
16	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4
17	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47
18	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53
19	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6
20	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67
21	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73
22	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8
23	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87
24	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93
25	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
26	0.0 0.0 0.0	1.0 0.0 0.0	1.0 1.0 0.0	0.0 1.0 0.0
27	1.0 1.0 1.0	0.0 1.0 1.0	0.0 0.0 1.0	1.0 0.0 1.0

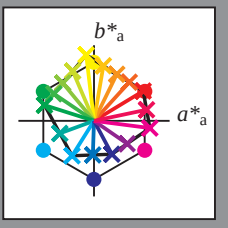
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmyn6* setcmykcolor*

Input and output:
Colorimetric Printer Reflective System ORS19_96a
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

ORS19_96a; adapted (a) CIELAB data

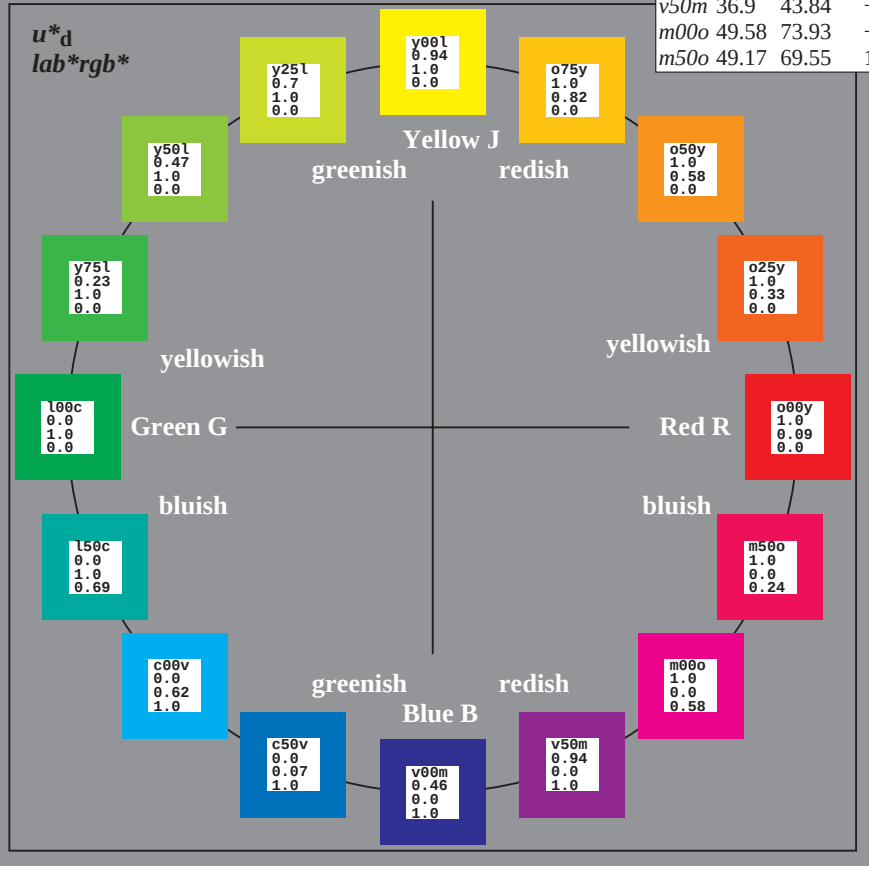
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

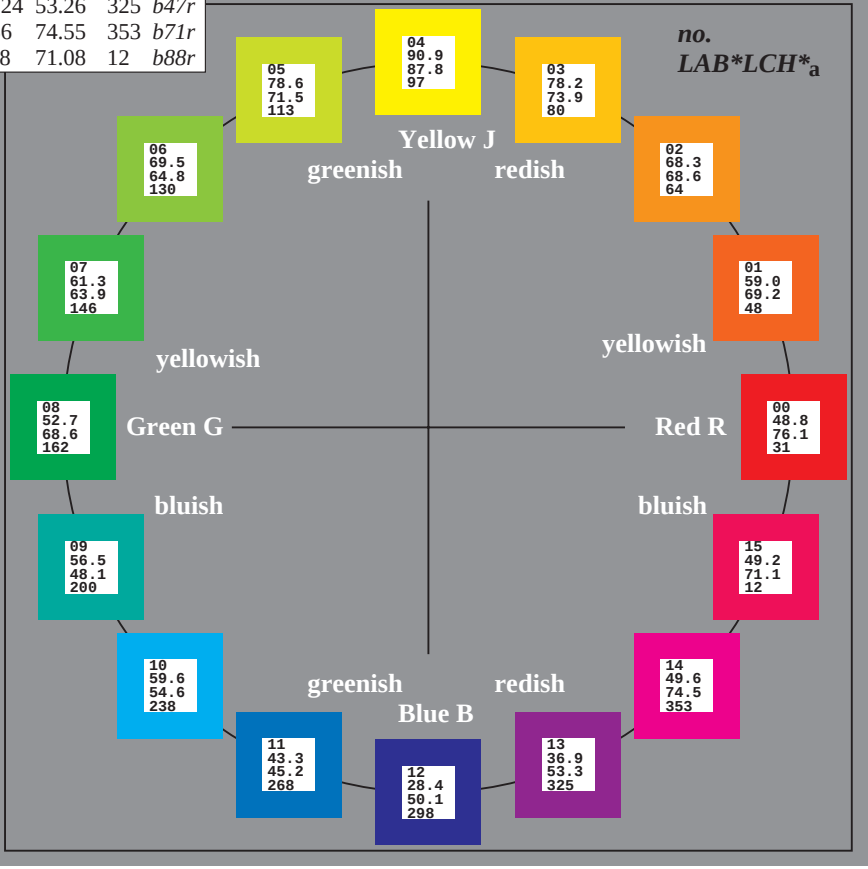


%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

ORS19_96a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





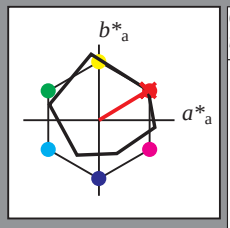
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

$u^*_d = o00y$
lab*rgb*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

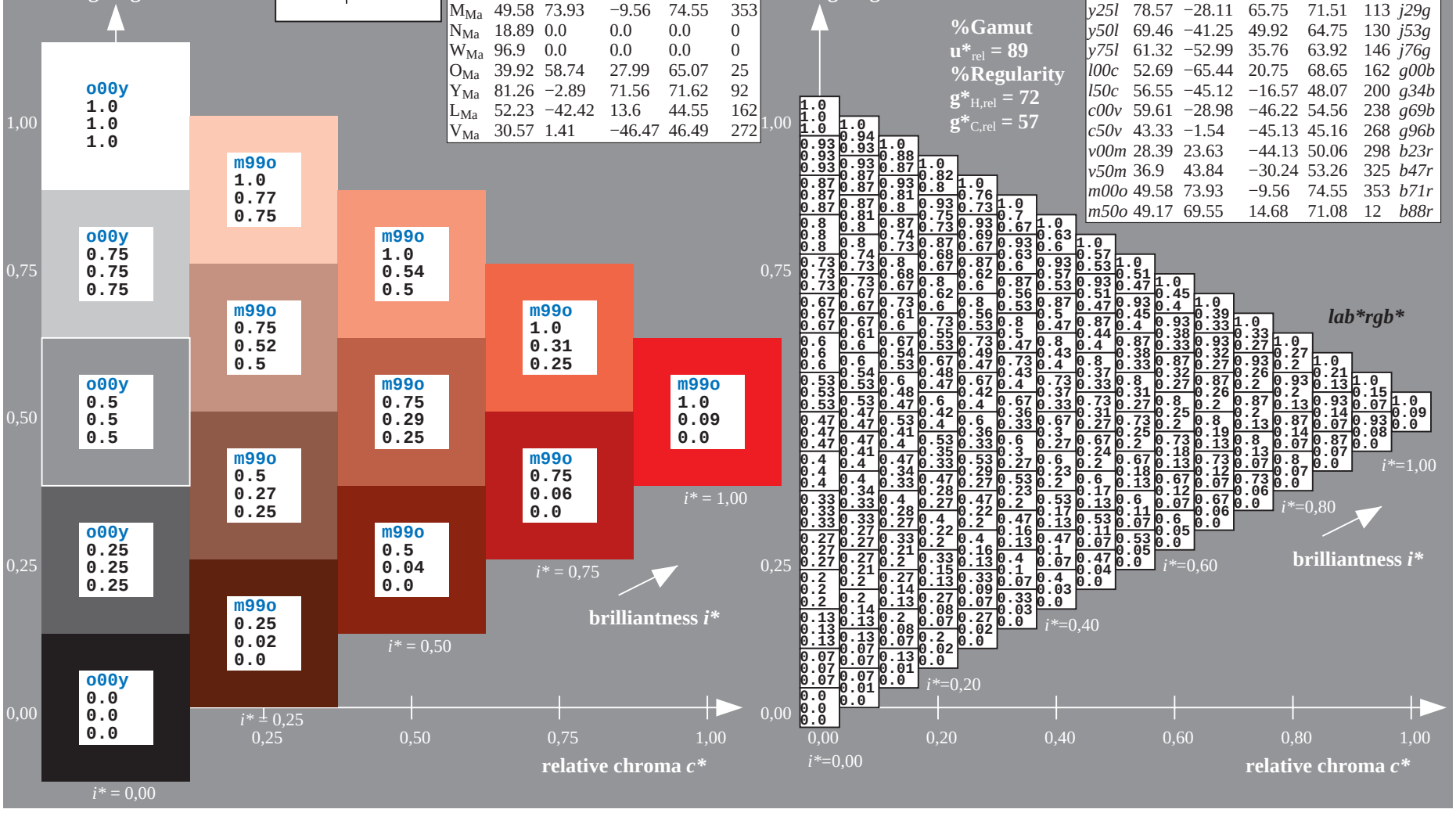
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 49 65 39**
***LAB*LCH*Ma*: 49 76 31**
***lab*olv*Ma*: 1.0 0.0 0.0**
***lab*rgb*Ma*: 1.0 0.09 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

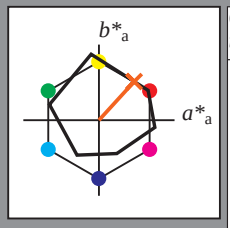


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

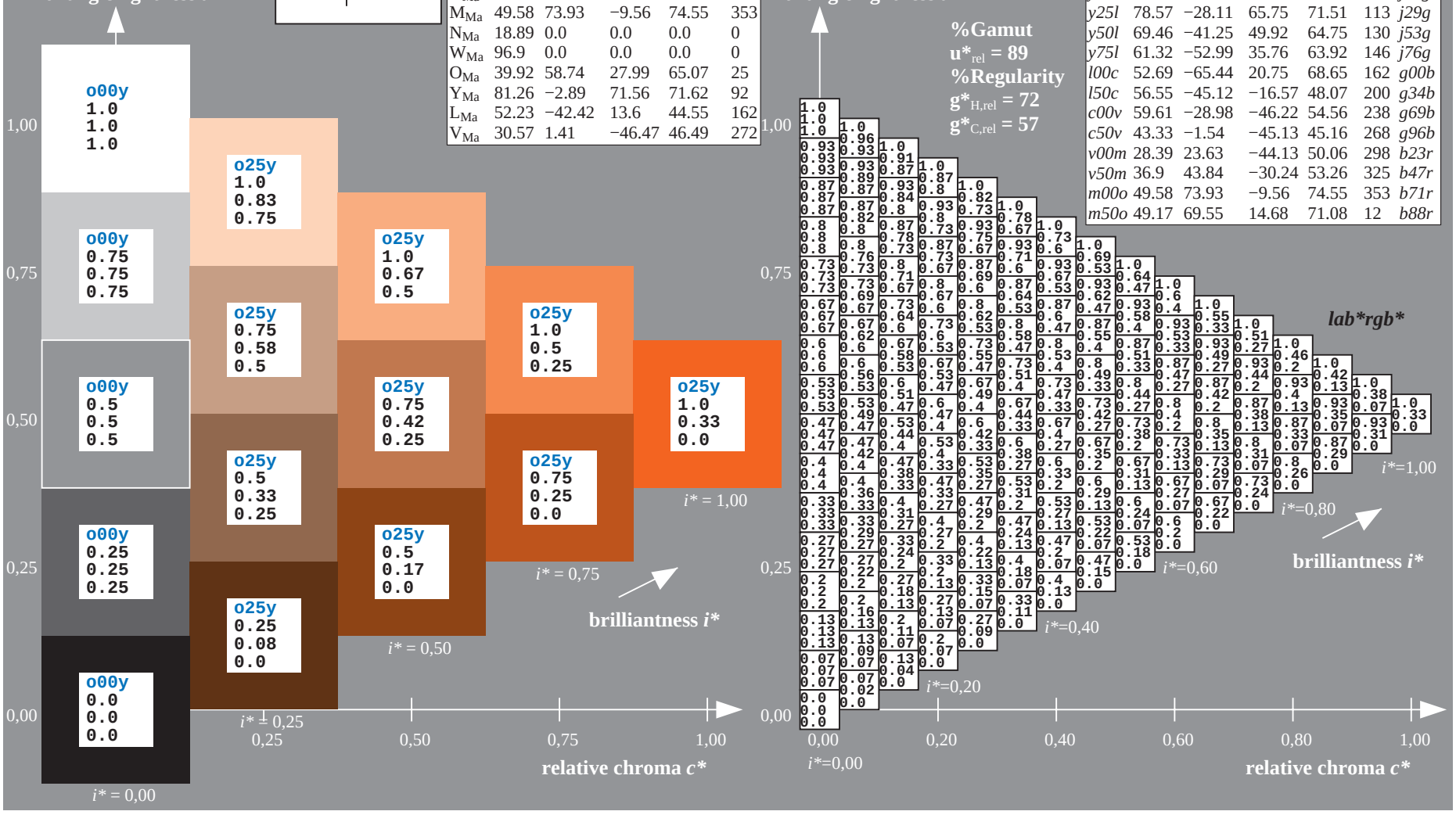
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 47 51
*LAB*LCH**$_{Ma}$: 59 69 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

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

u^*_d = *o25y*
*lab*rgb**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

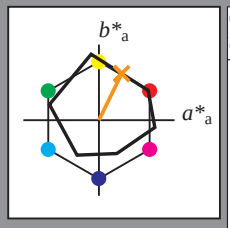


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

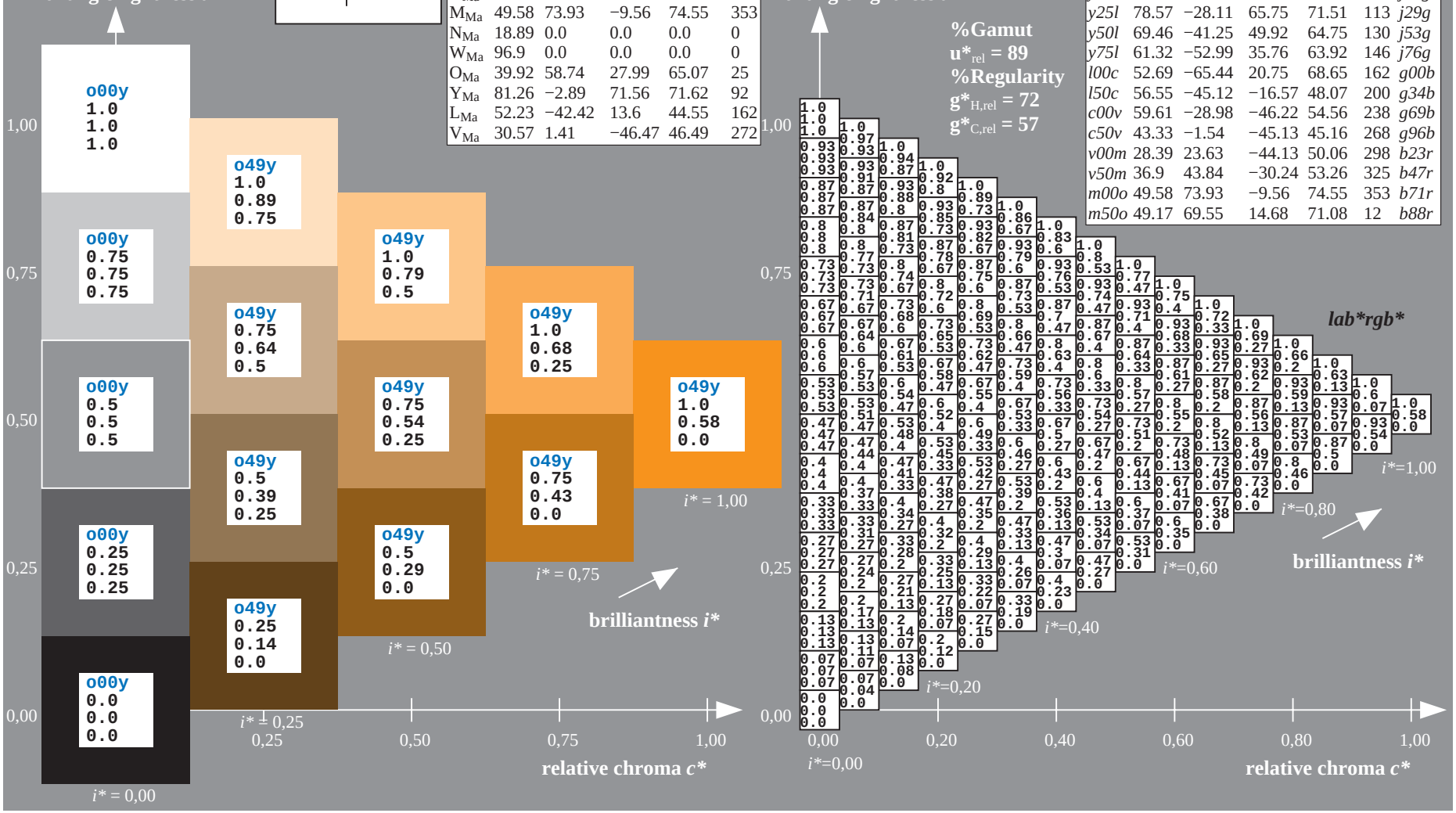
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 68 30 62
*LAB*LCH**$_{Ma}$: 68 69 63
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

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

u^*_d = *o50y*
*lab*rgb**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



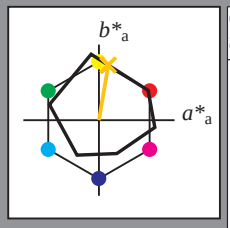
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

$u^*_d = o75y$
lab*rgb*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r81j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

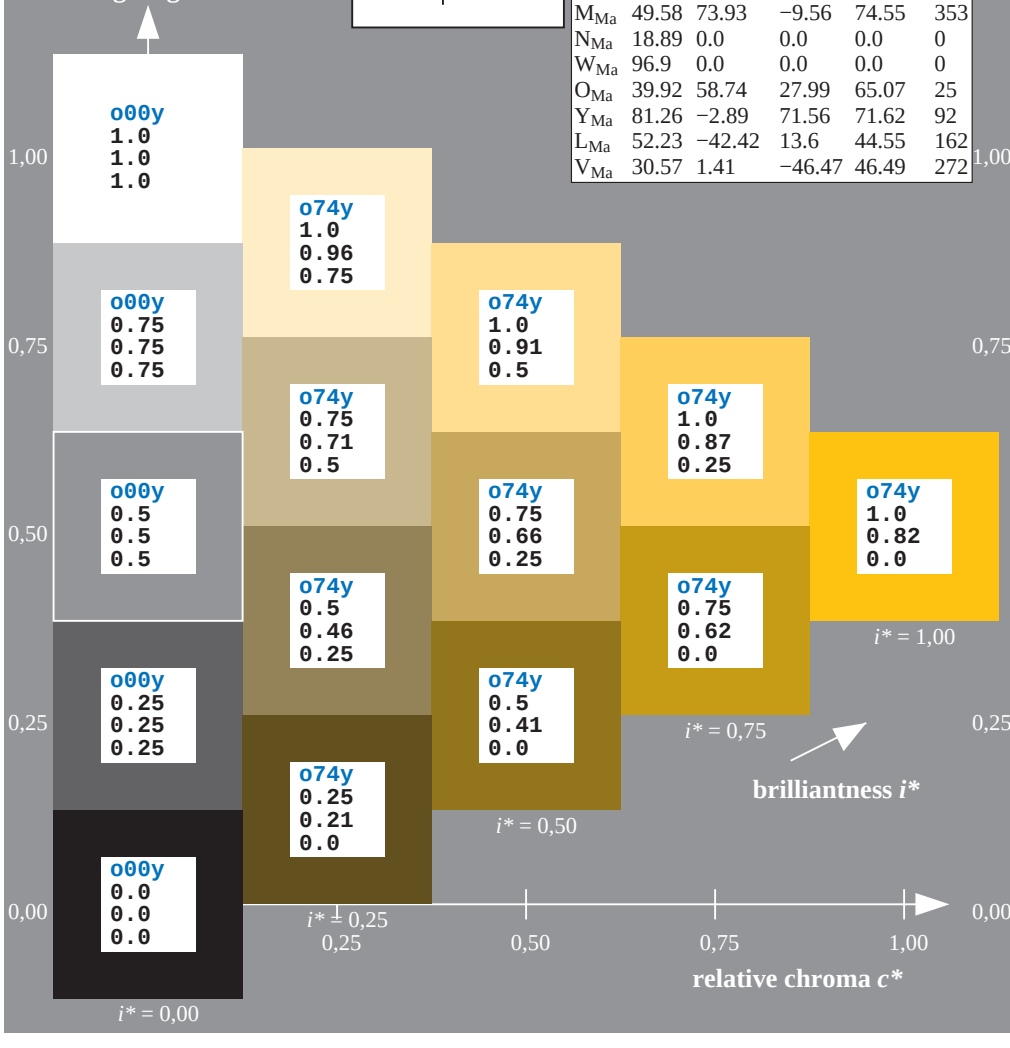
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

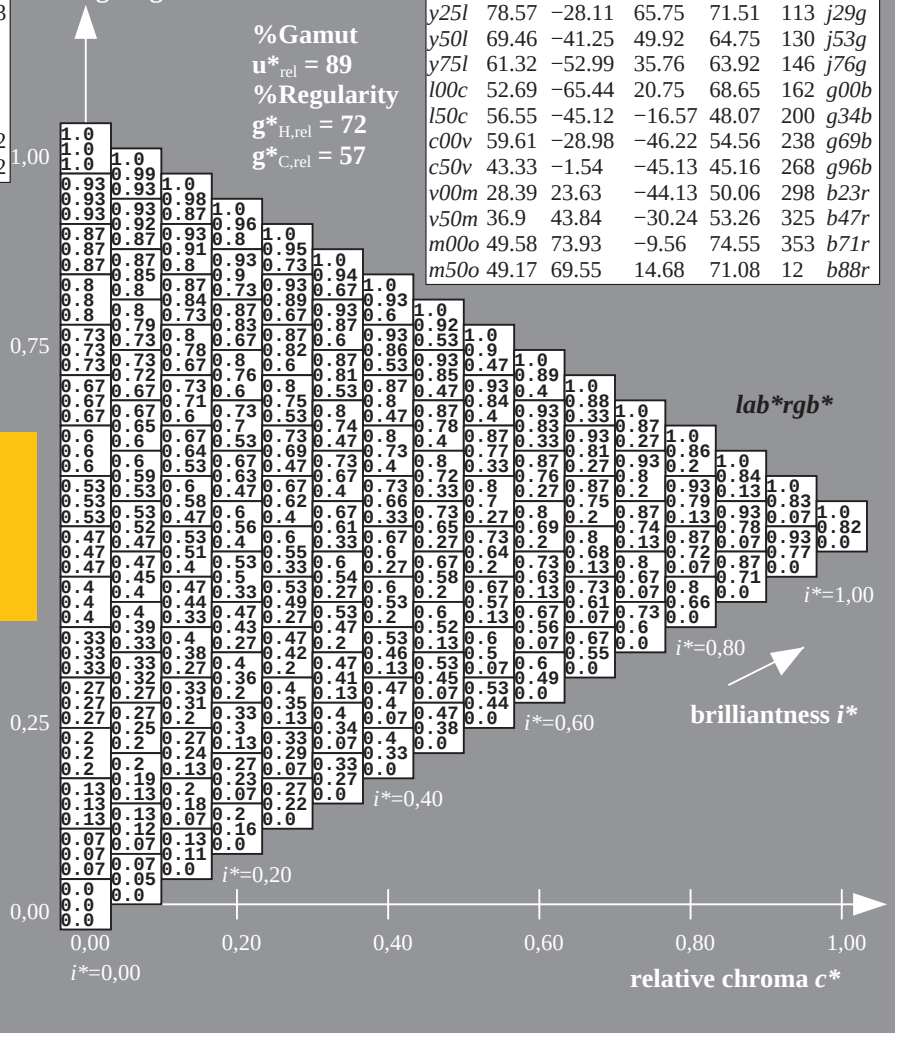
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 78 12 73**
***LAB*LCH*Ma*: 78 74 80**
***lab*olv*Ma*: 1.0 0.75 0.0**
***lab*rgb*Ma*: 1.0 0.82 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



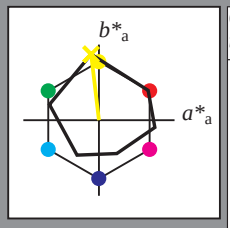


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

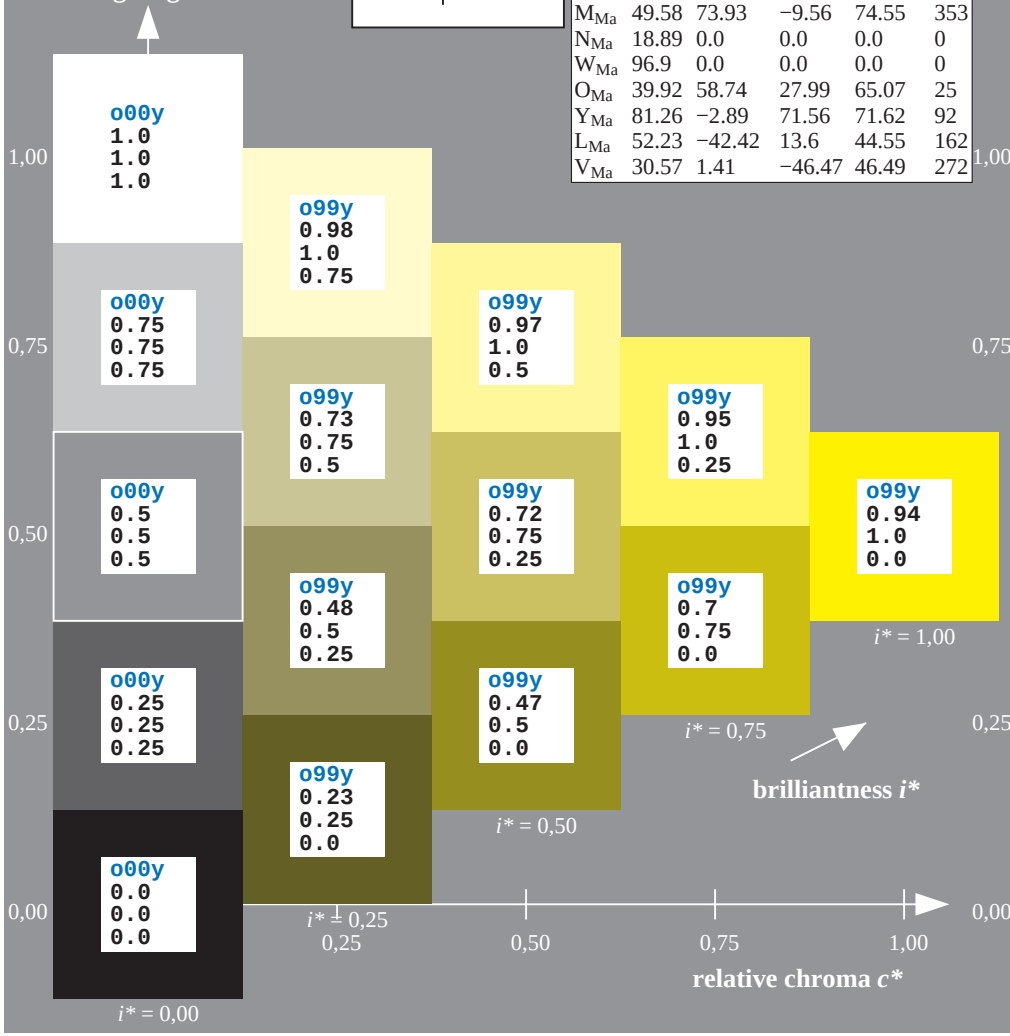
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 91 −10 87
*LAB*LCH**$_{Ma}$: 91 88 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

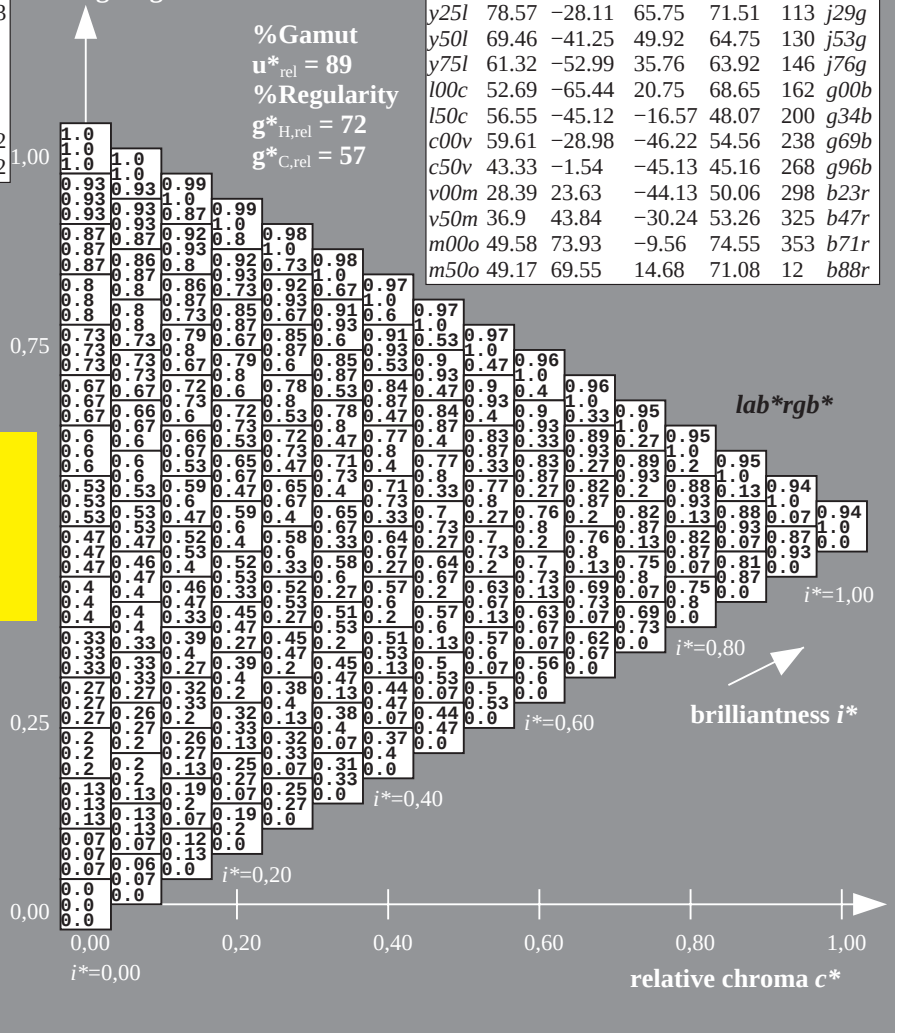
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *y00l*
*lab*rgb**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



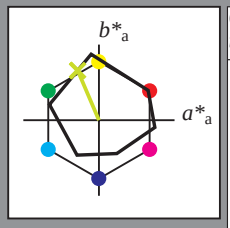


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j29g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

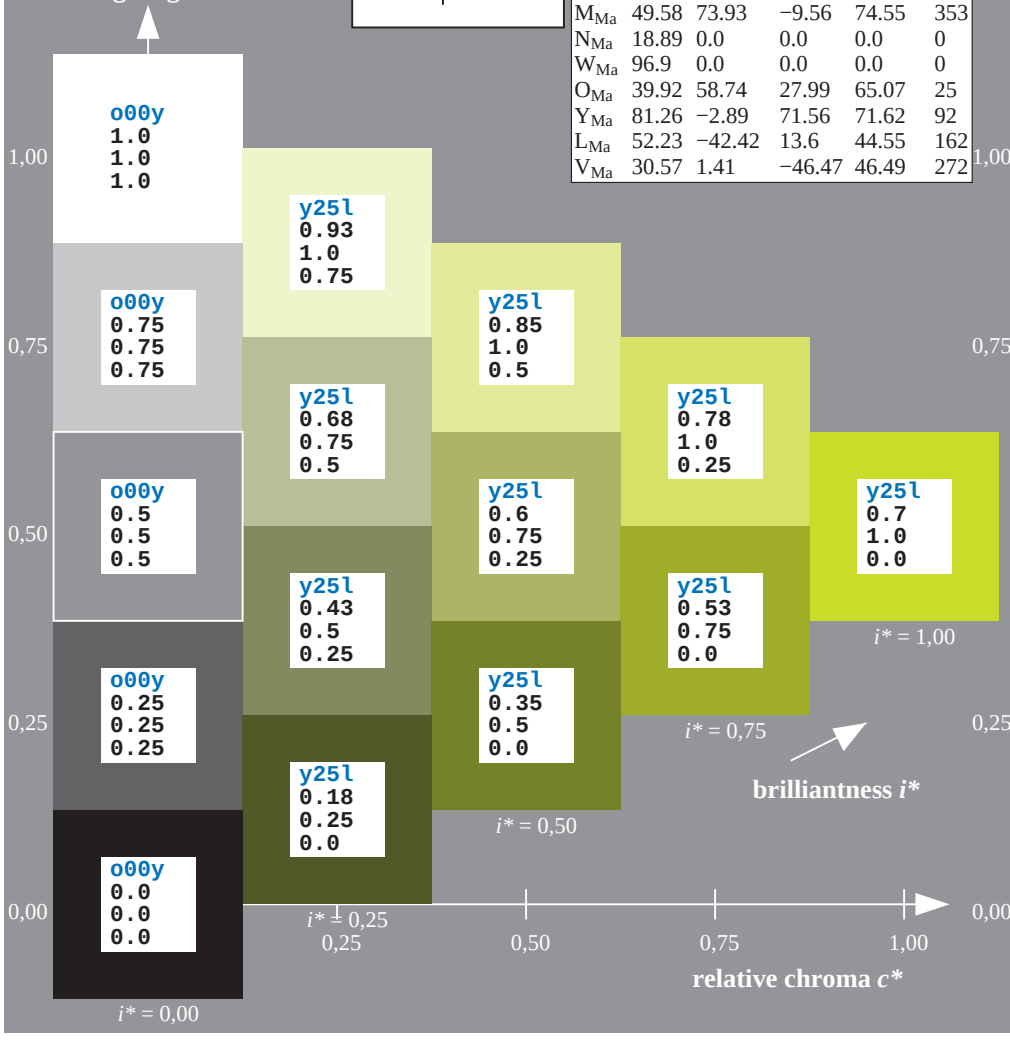
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 79 −28 66**
***LAB*LCH*Ma*: 79 72 113**
***lab*olv*Ma*: 0.75 1.0 0.0**
***lab*rgb*Ma*: 0.7 1.0 0.0**
triangle lightness *t**

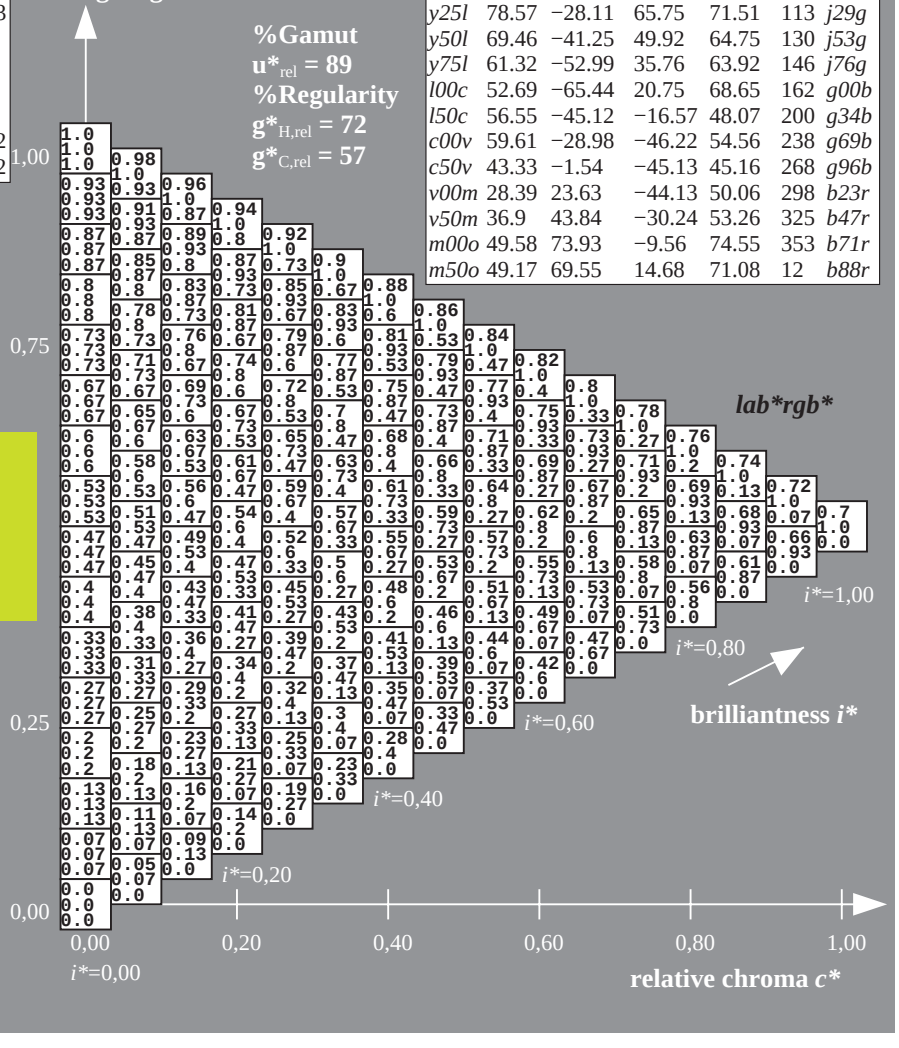
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y25l$
lab*rgb*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



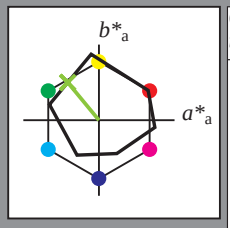


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

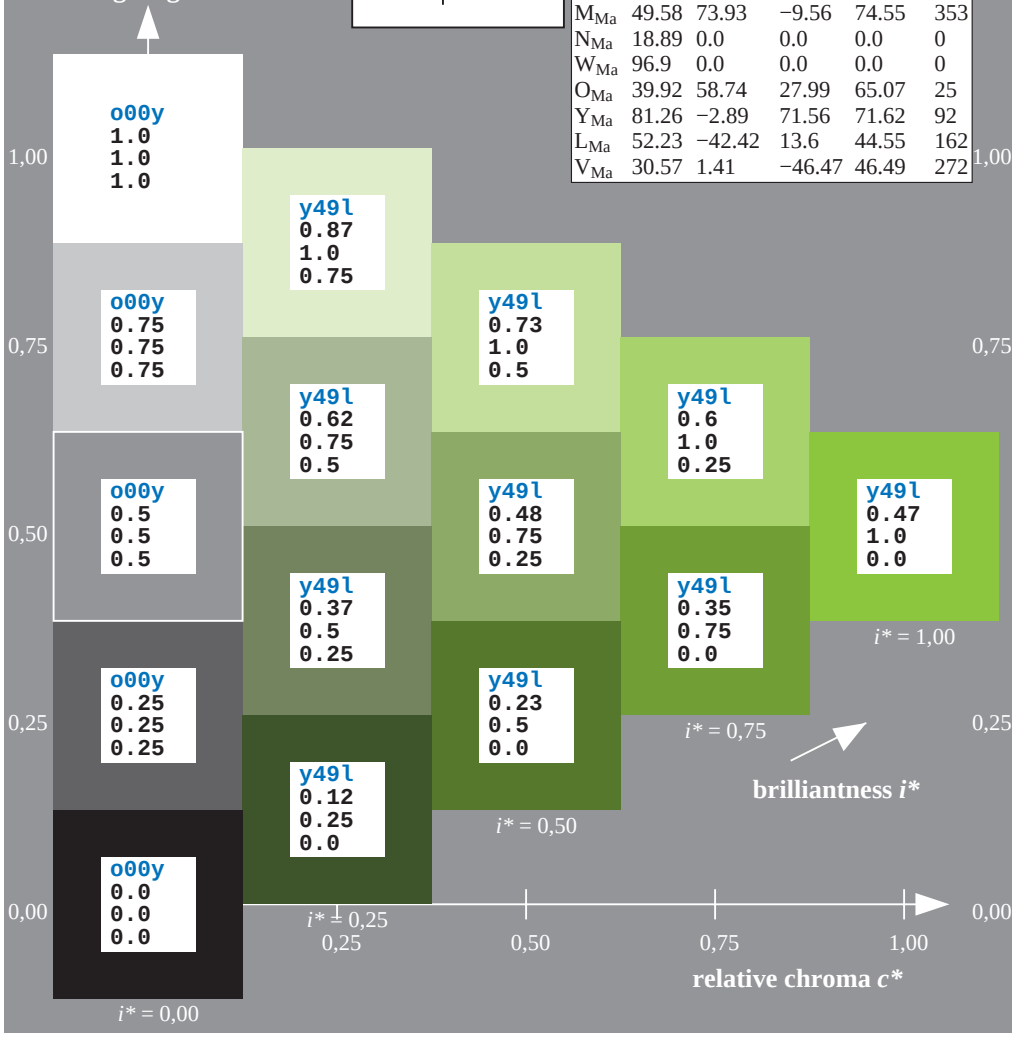
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 69 −41 50**
***LAB*LCH*Ma*: 69 65 129**
***lab*olv*Ma*: 0.5 1.0 0.0**
***lab*rgb*Ma*: 0.47 1.0 0.0**
triangle lightness *t**

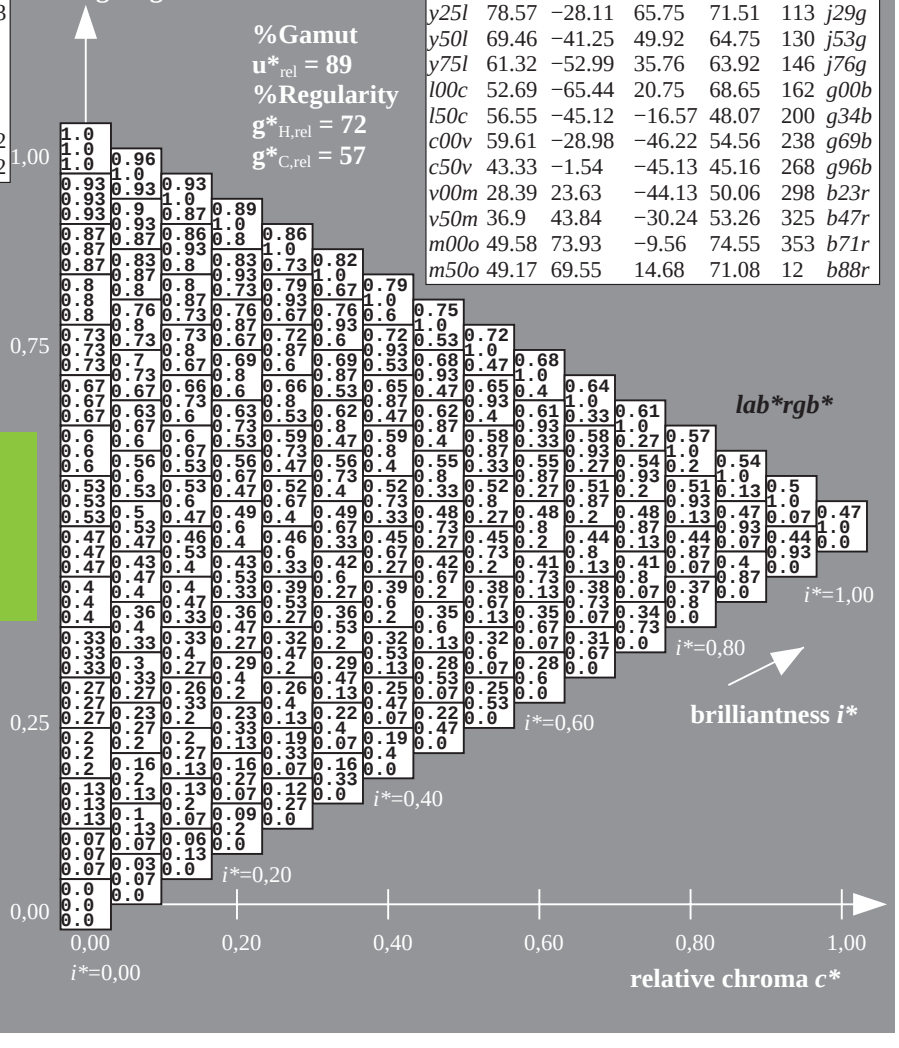
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y50l$
lab*rgb*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



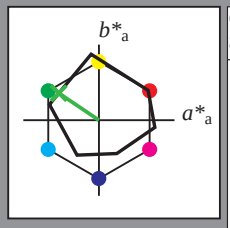


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

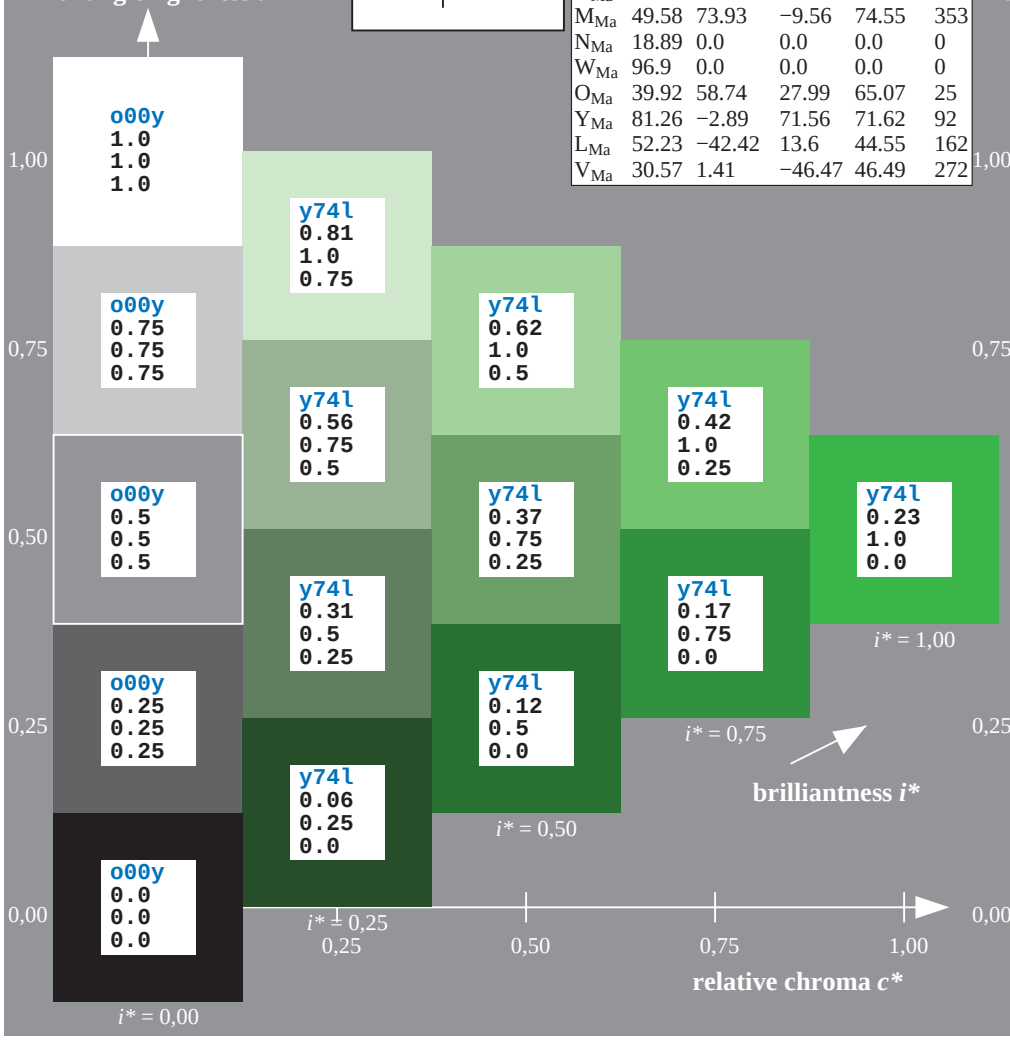
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 61 −53 36**
***LAB*LCH*Ma*: 61 64 145**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.23 1.0 0.0**
triangle lightness *t**

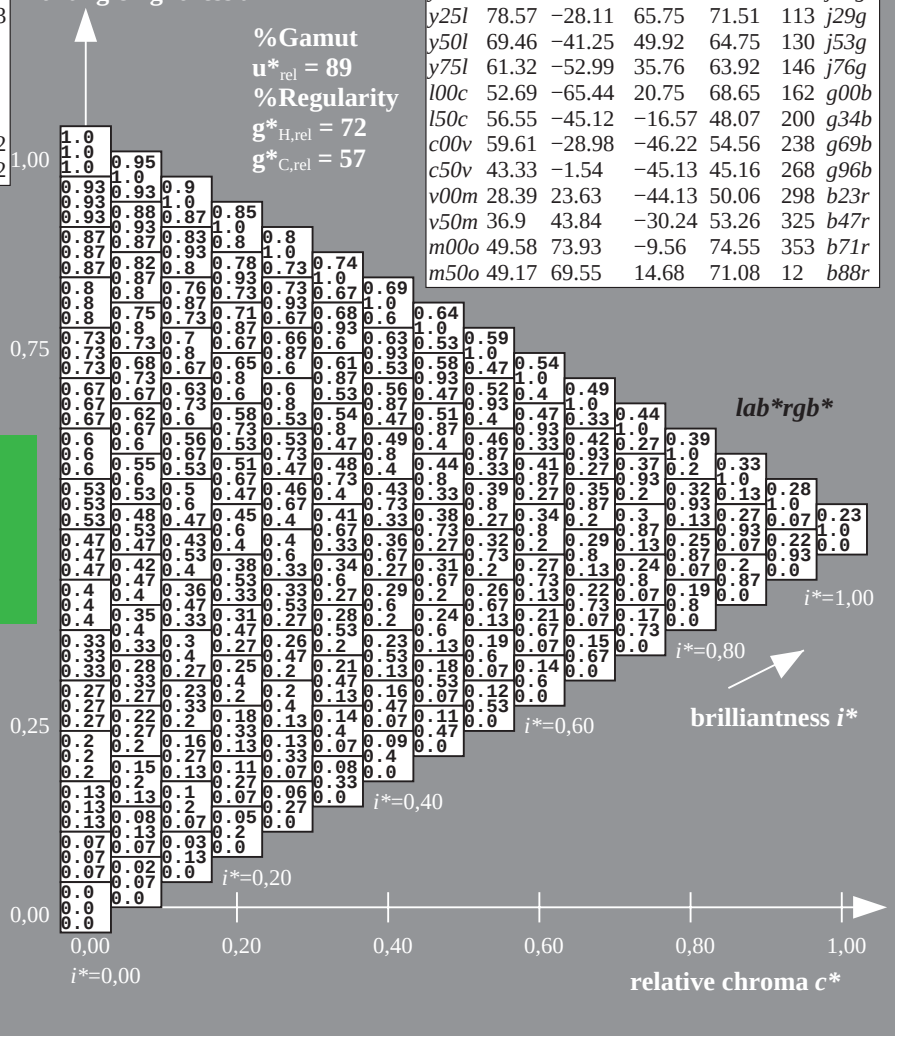
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y75l$
lab*rgb*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



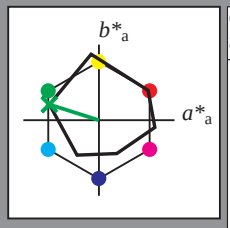


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = g00b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

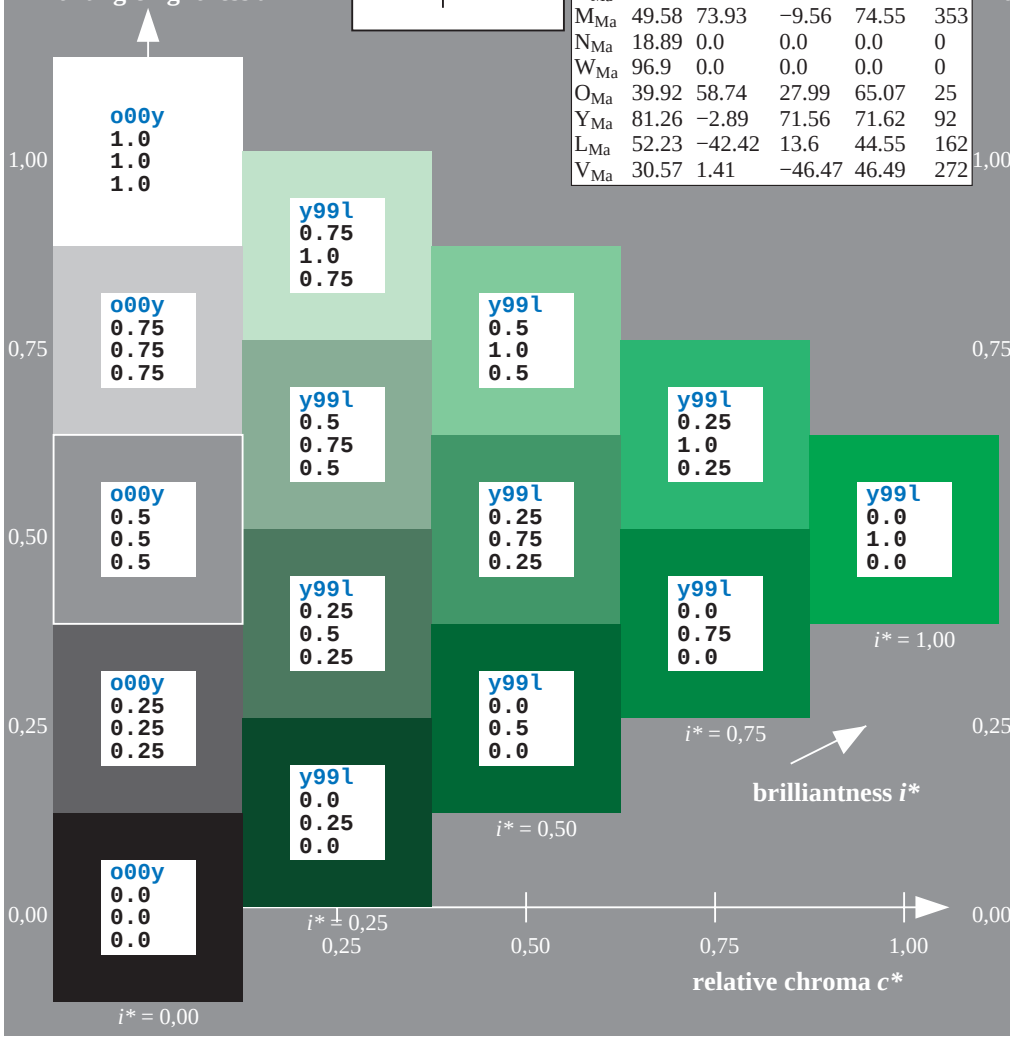
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 53 −65 21
*LAB*LCH**$_{Ma}$: 53 69 162
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.0 1.0 0.0
triangle lightness *t**

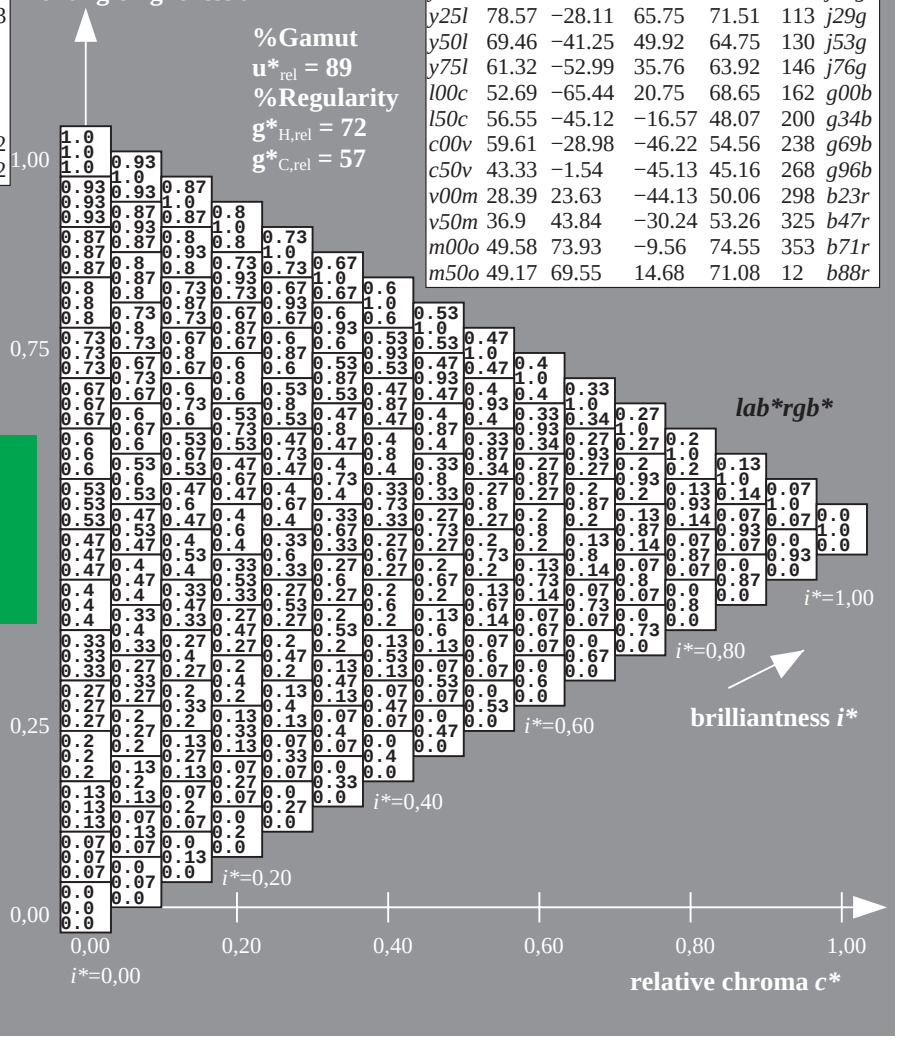
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = l00c$
*lab*rgb**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



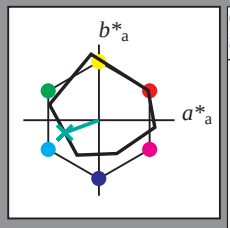


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g34b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

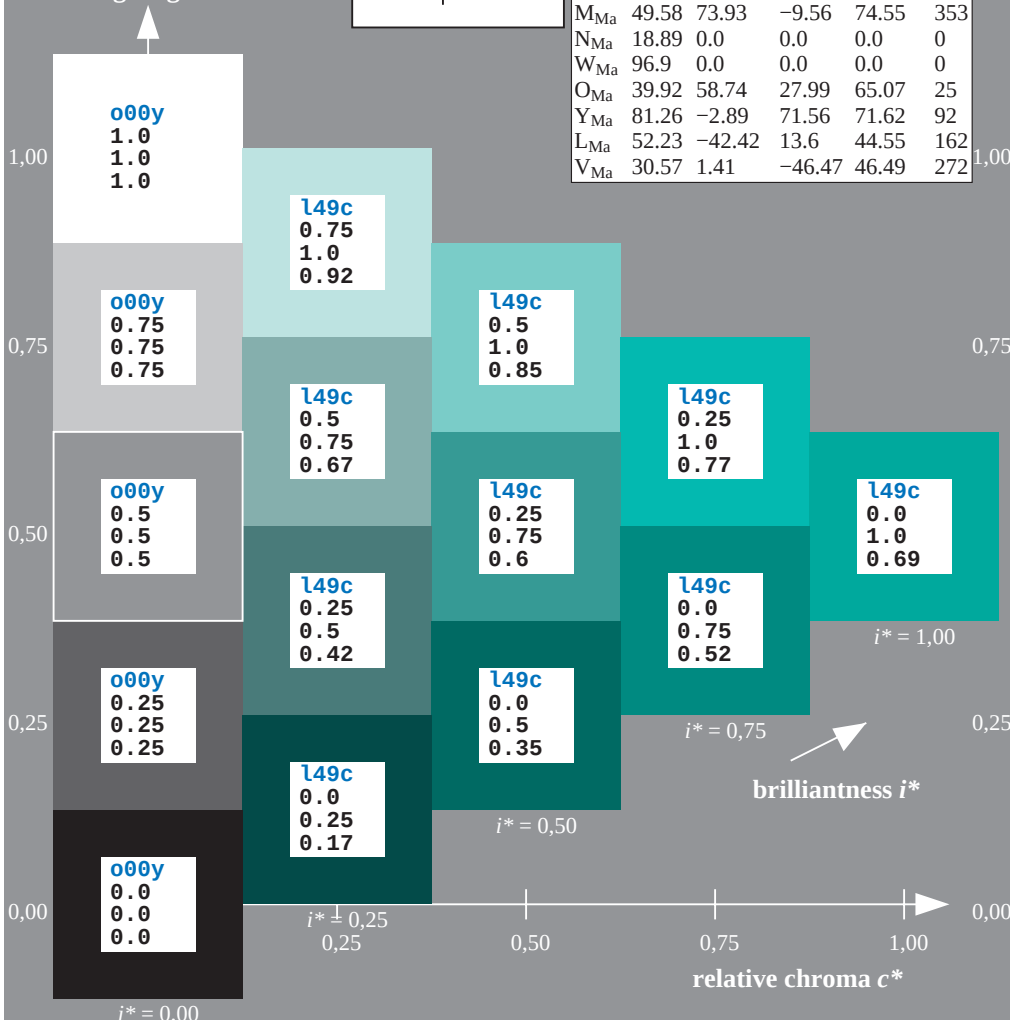
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 57 −45 −17
*LAB*LCH**$_{Ma}$: 57 48 200
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.69
triangle lightness *t**

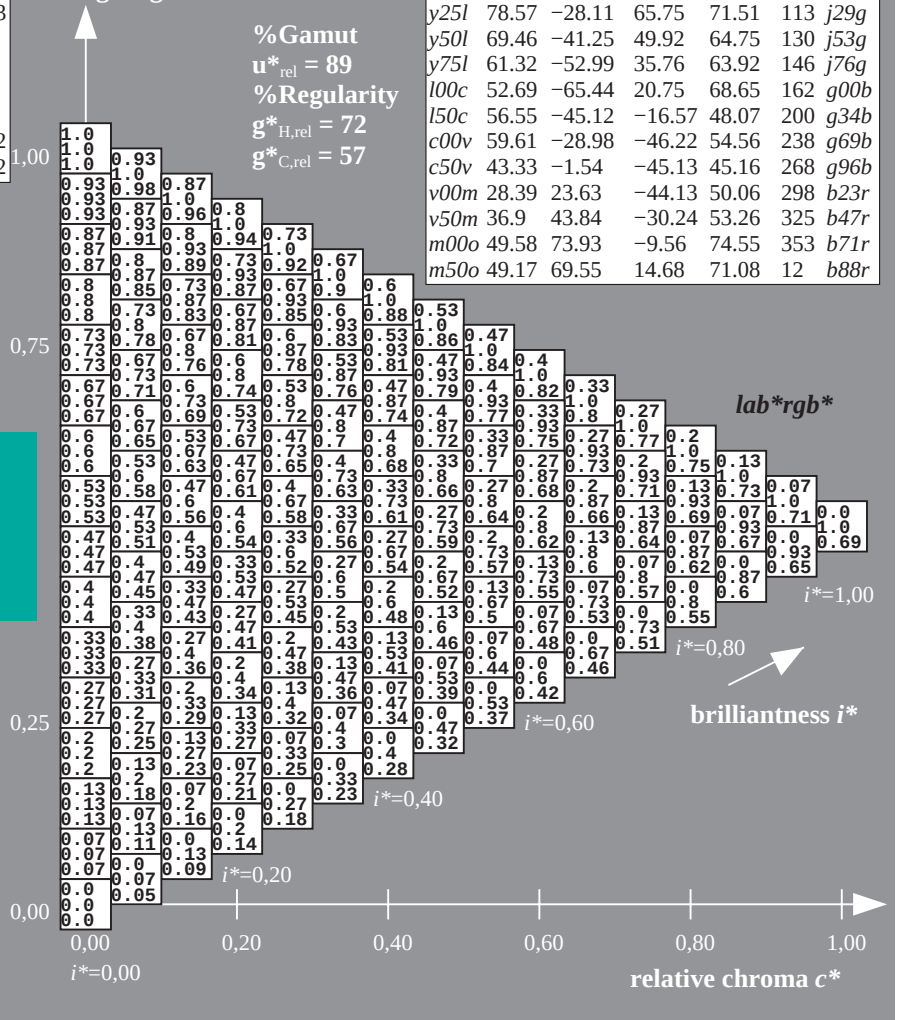
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *l50c*
*lab*rgb**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



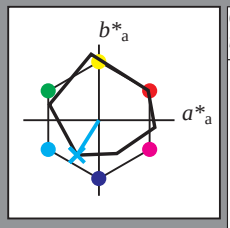


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

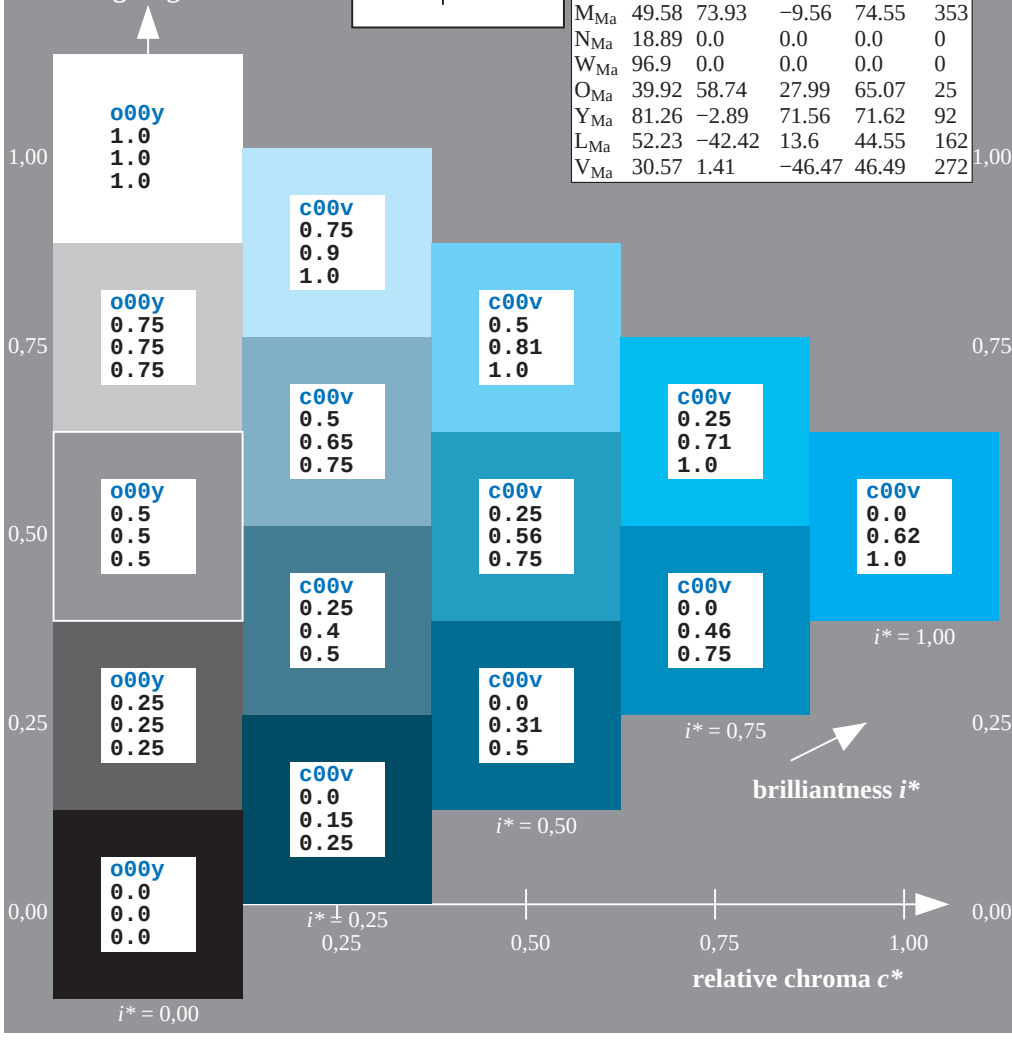
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −29 −46
*LAB*LCH**$_{Ma}$: 60 55 237
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.62 1.0
triangle lightness *t**

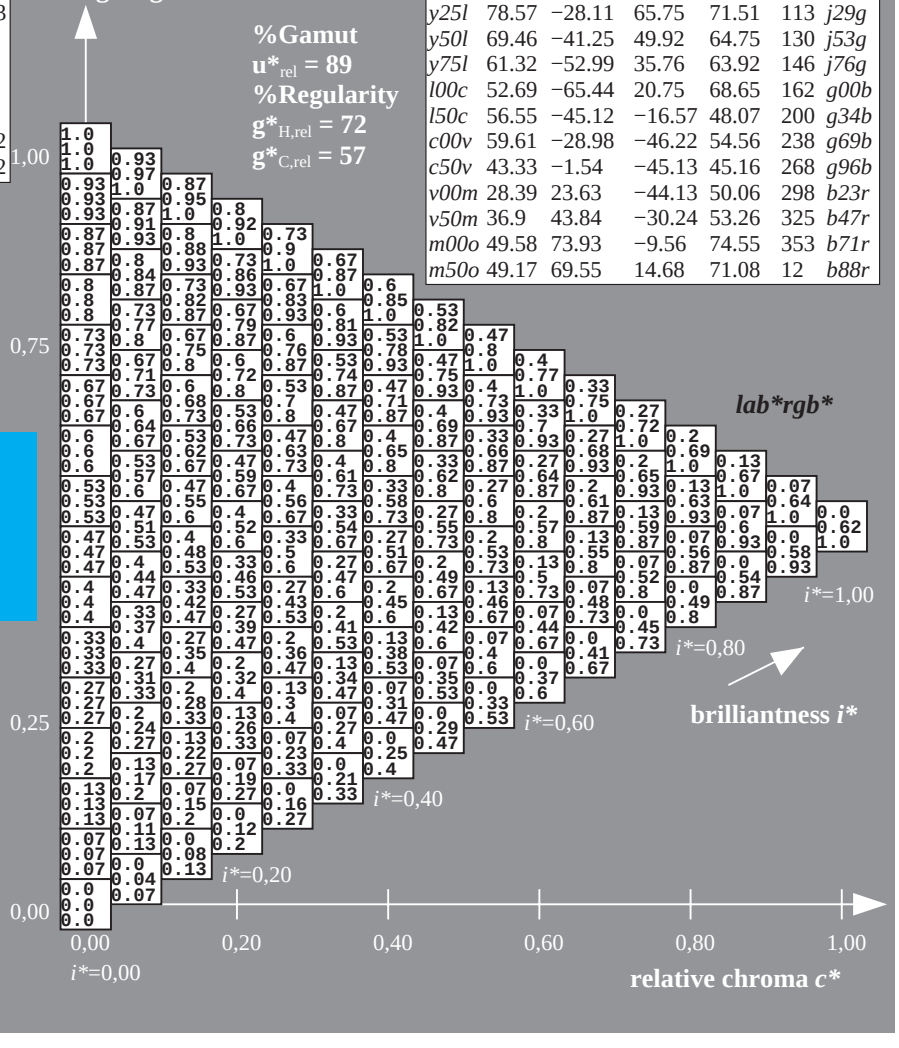
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = c00v$
*lab*rgb**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



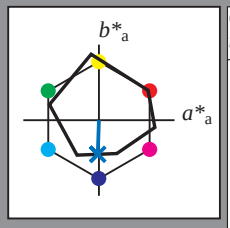


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g96b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

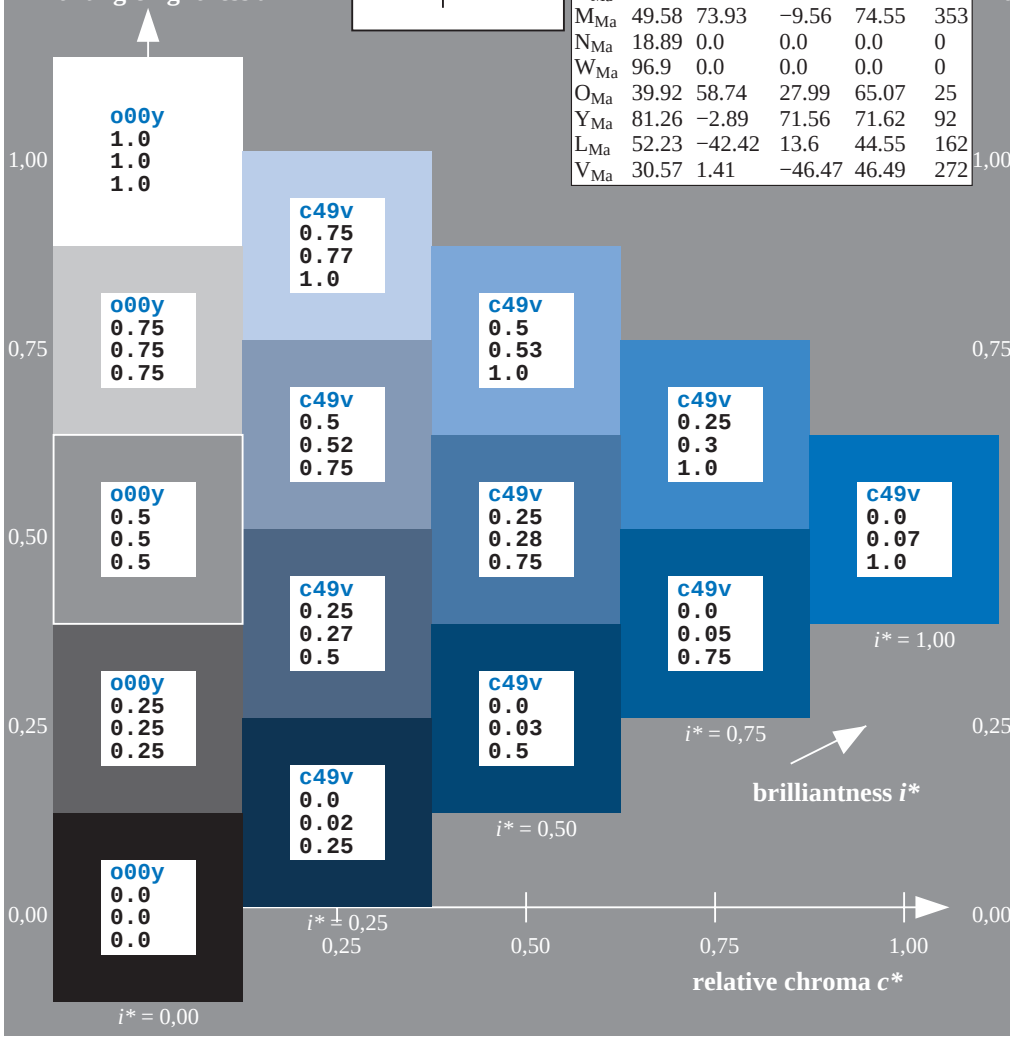
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 −2 −45
*LAB*LCH**$_{Ma}$: 43 45 268
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.07 1.0
triangle lightness *t**

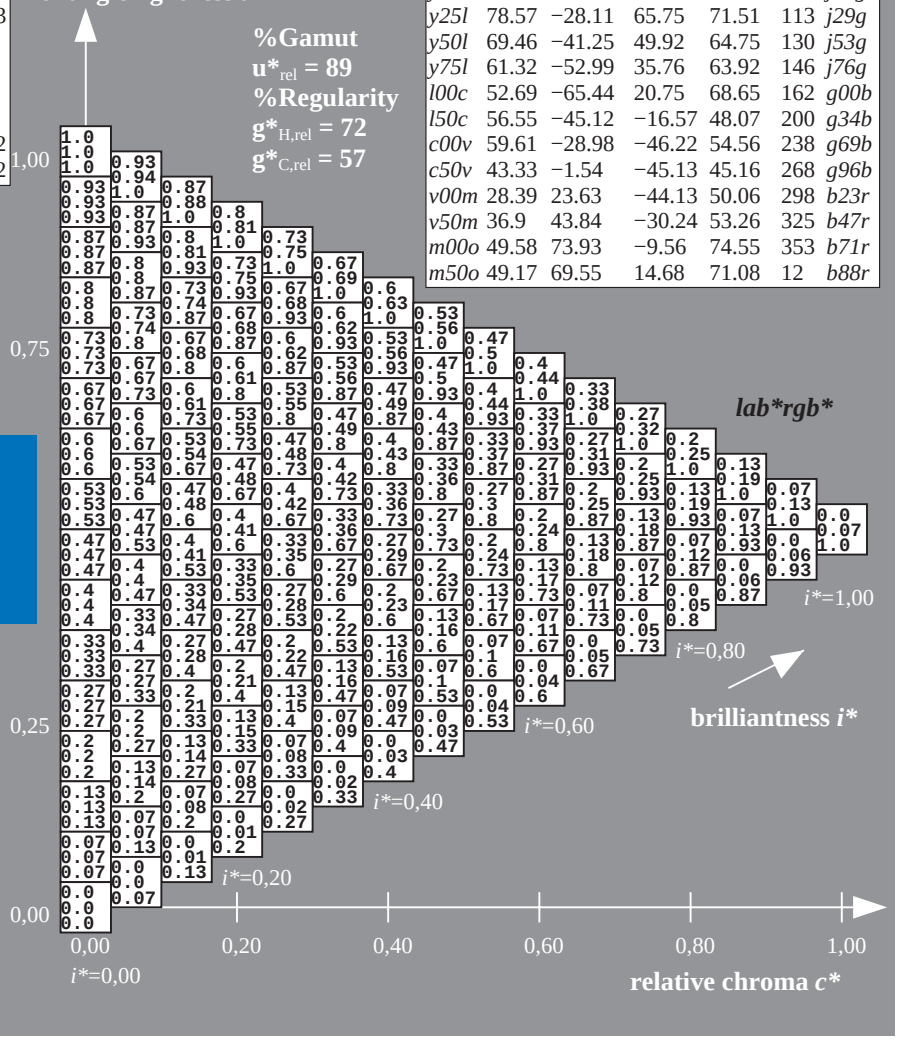
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *c50v*
*lab*rgb**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





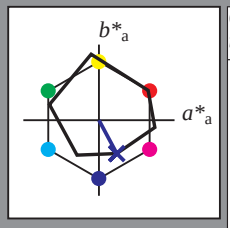
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

$u^*_d = v00m$
lab^*rgb^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data

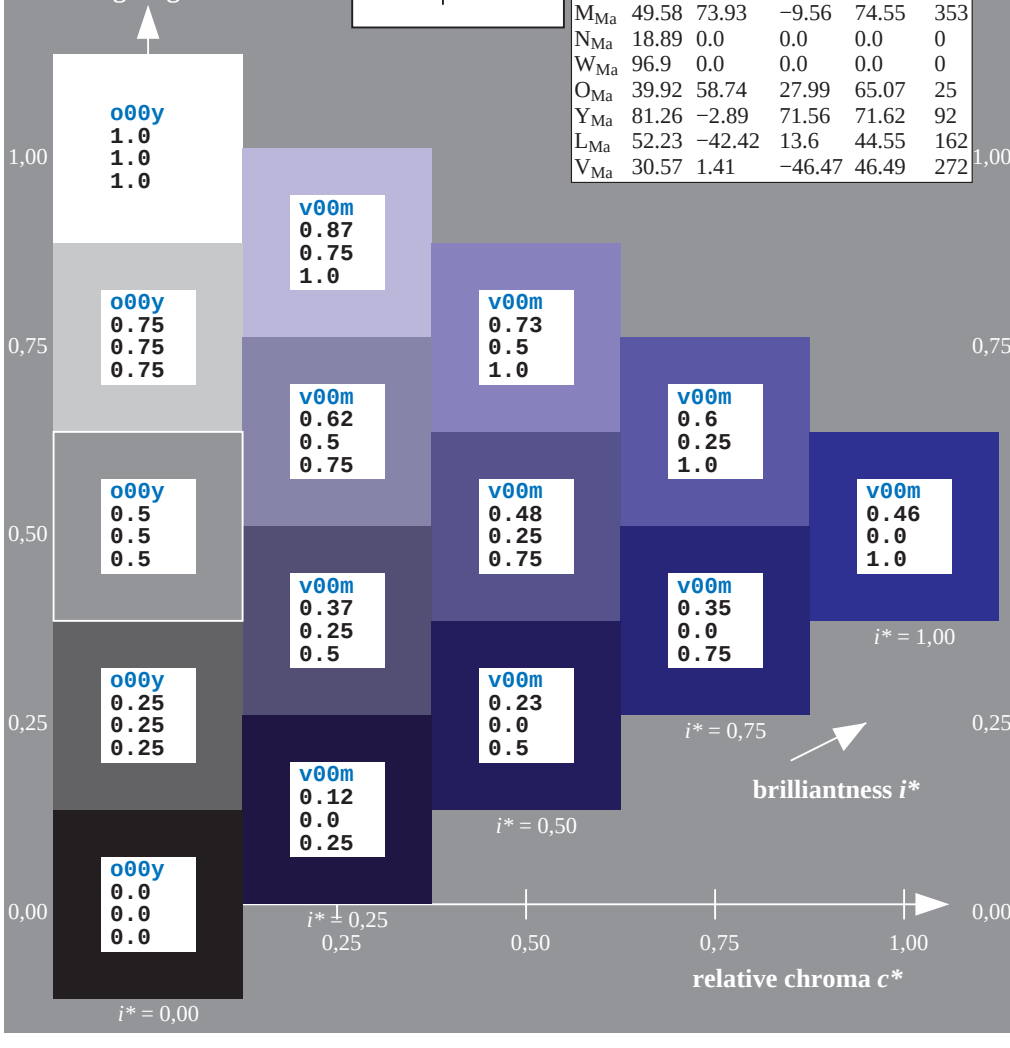
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

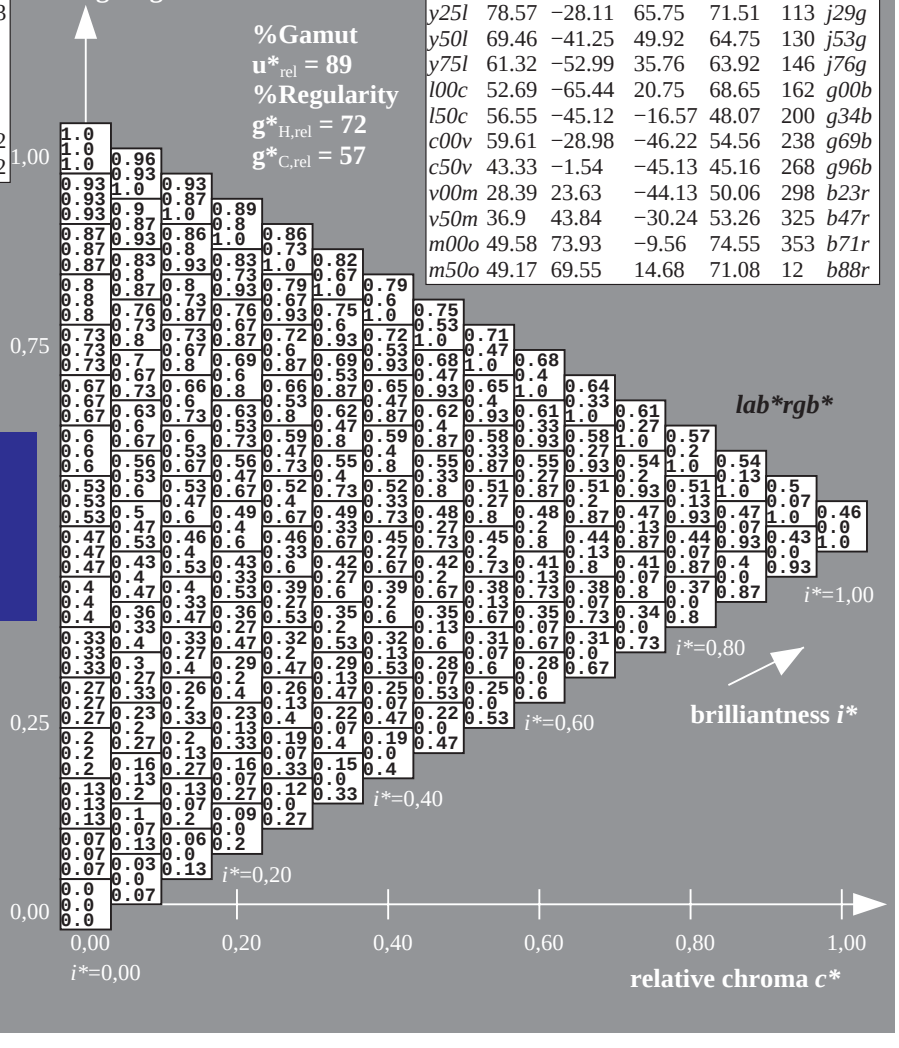
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 28 24 −44**
***LAB*LCH*Ma*: 28 50 298**
***lab*olv*Ma*: 0.0 0.0 1.0**
***lab*rgb*Ma*: 0.46 0.0 1.0**
triangle lightness t^*

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



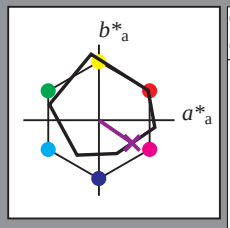


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

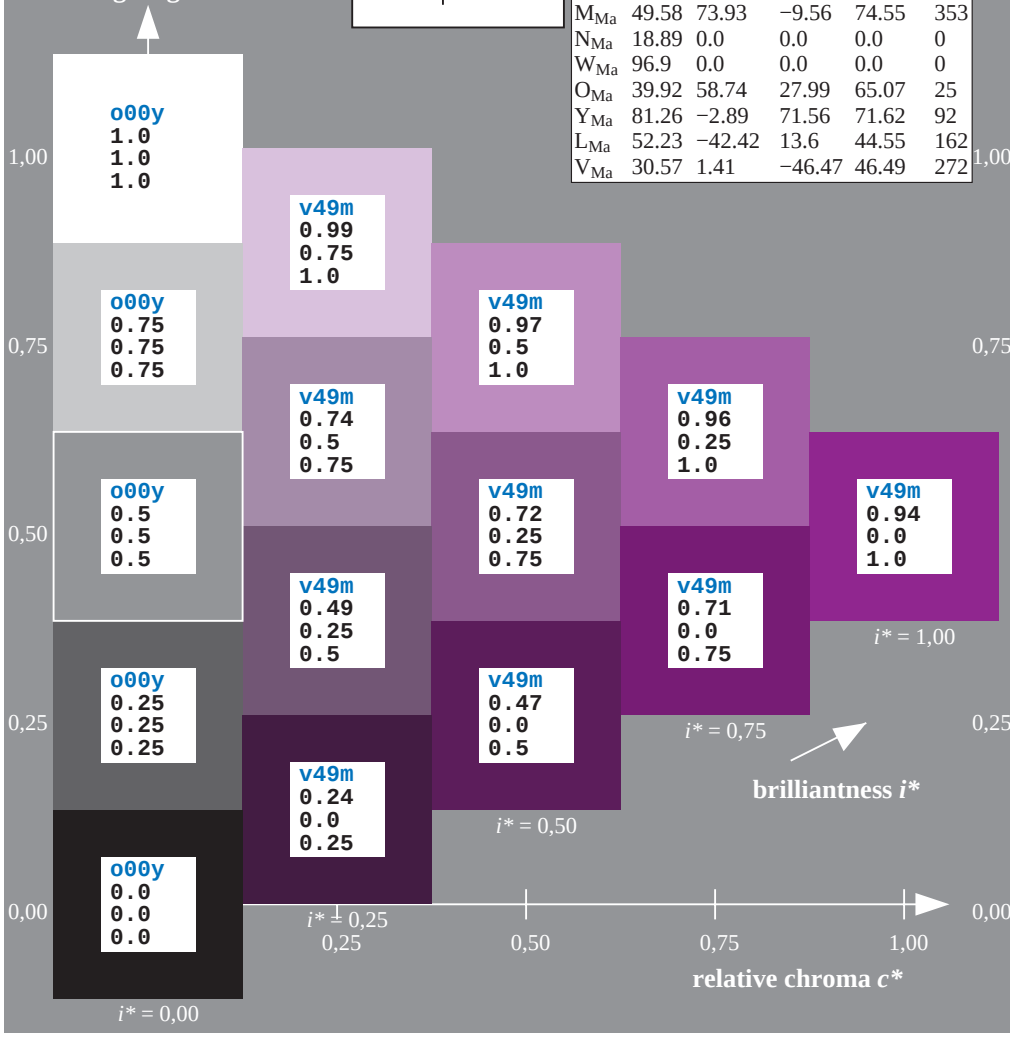
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 37 44 −30
*LAB*LCH**$_{Ma}$: 37 53 325
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.94 0.0 1.0
triangle lightness *t**

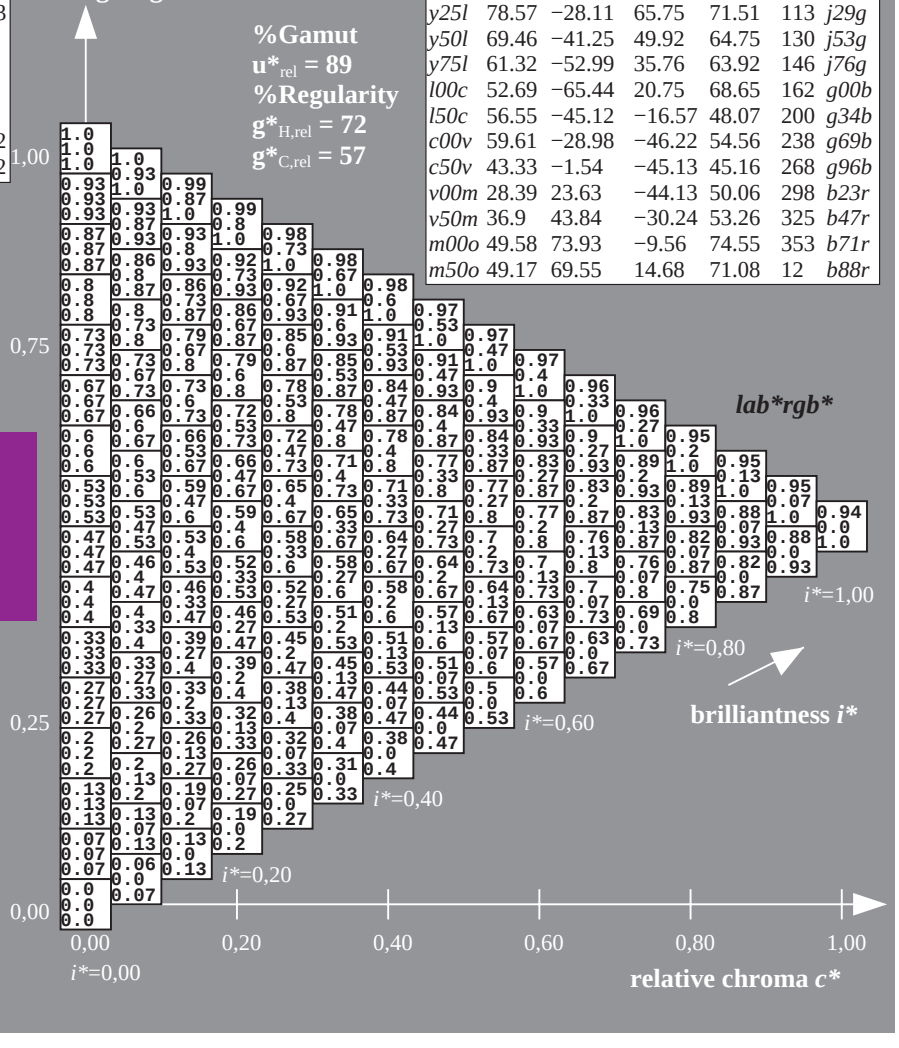
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *v50m*
*lab*rgb**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



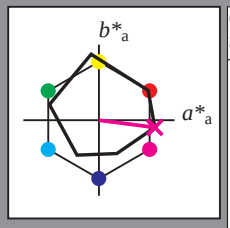


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

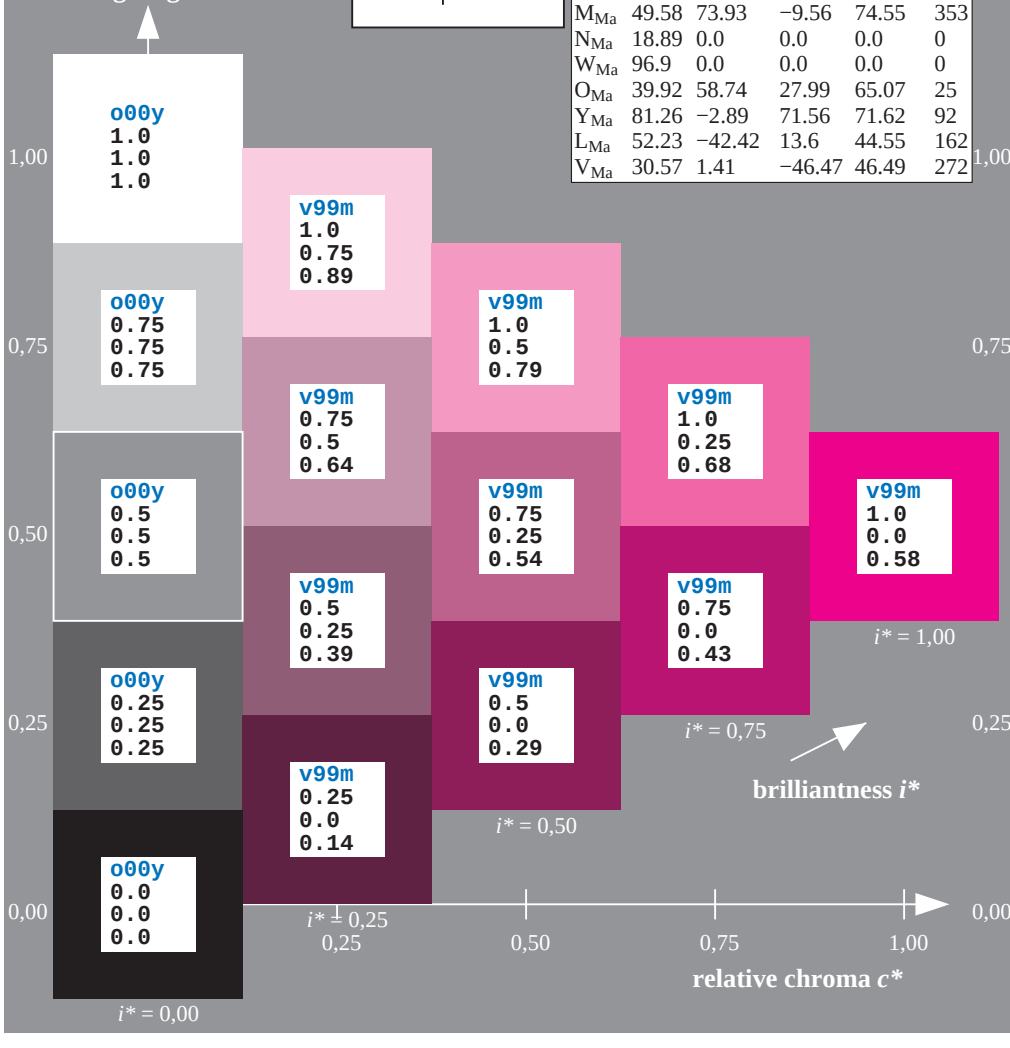
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 50 74 −10
*LAB*LCH**$_{Ma}$: 50 75 352
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.58
triangle lightness *t**

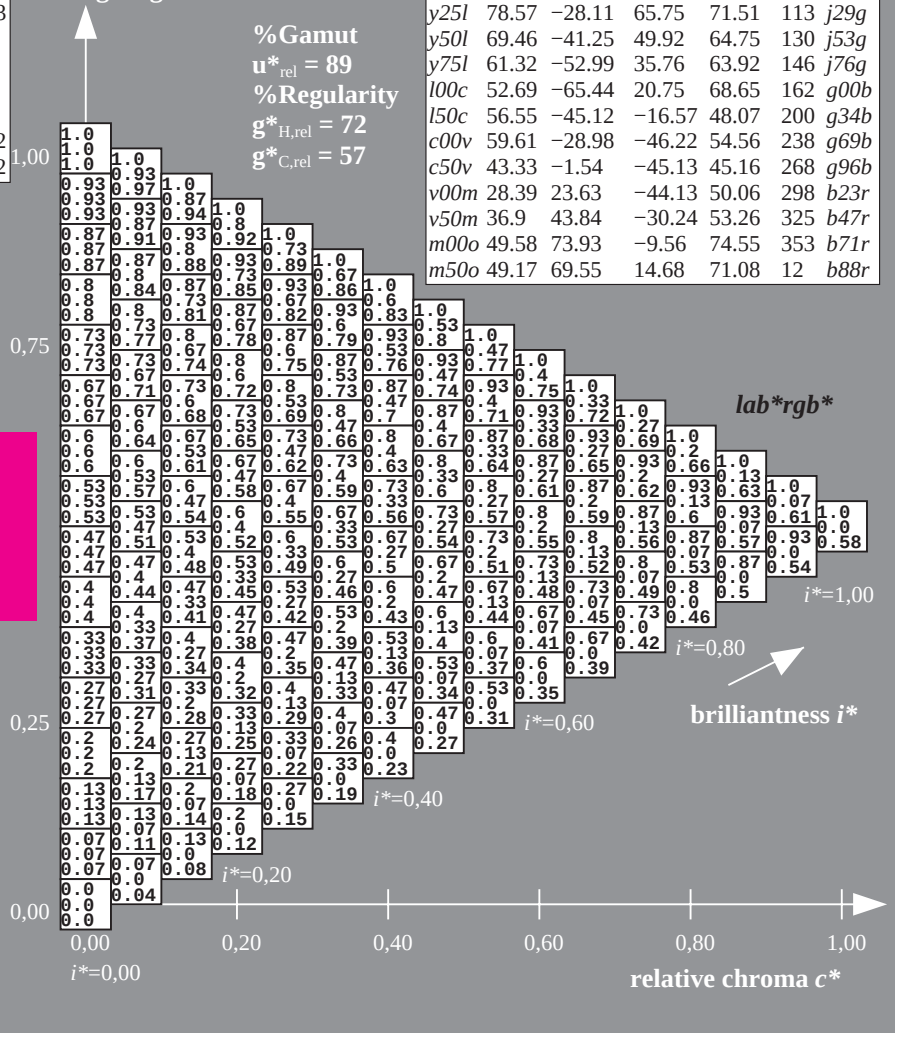
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *m00o*
*lab*rgb**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



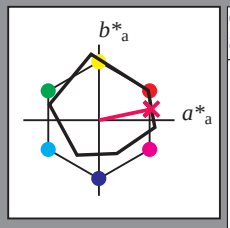


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

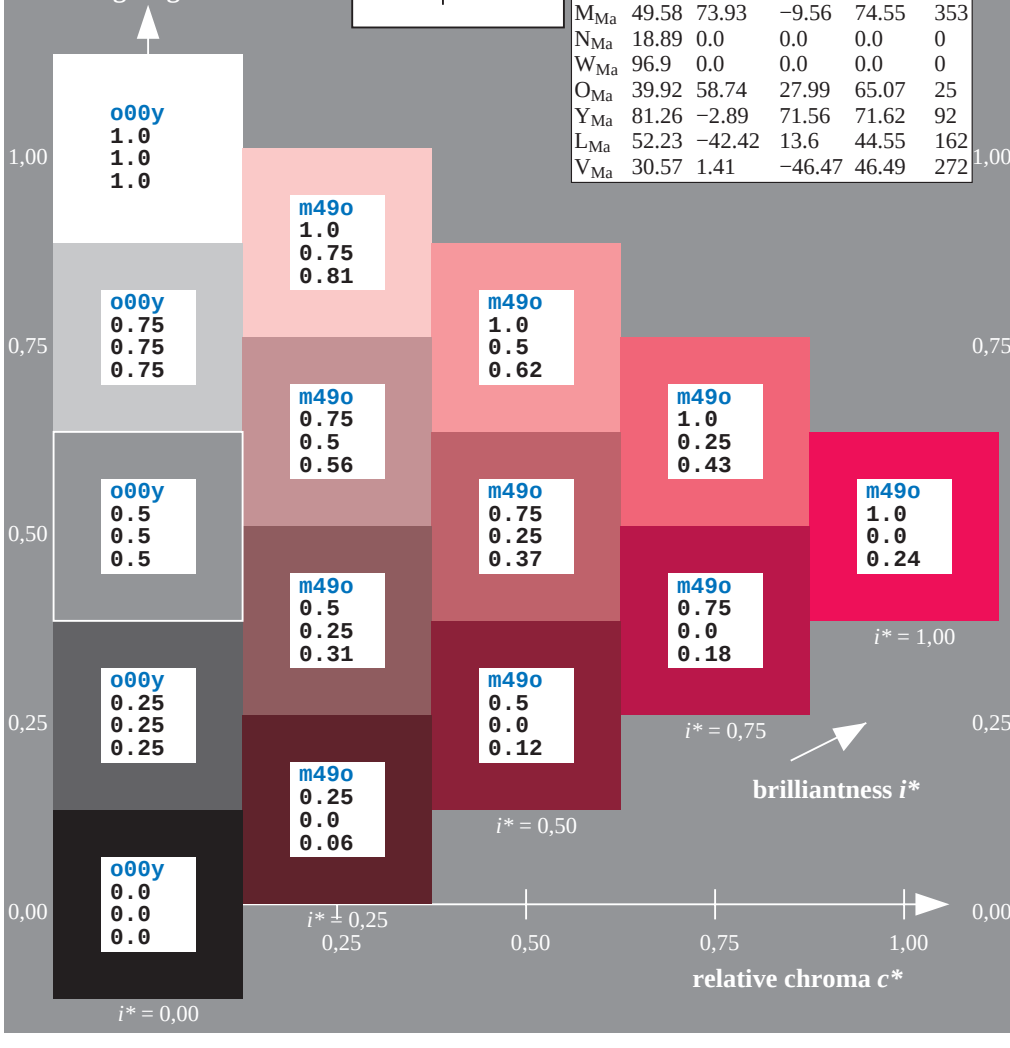
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 70 15
*LAB*LCH**$_{Ma}$: 49 71 11
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.24
triangle lightness *t**

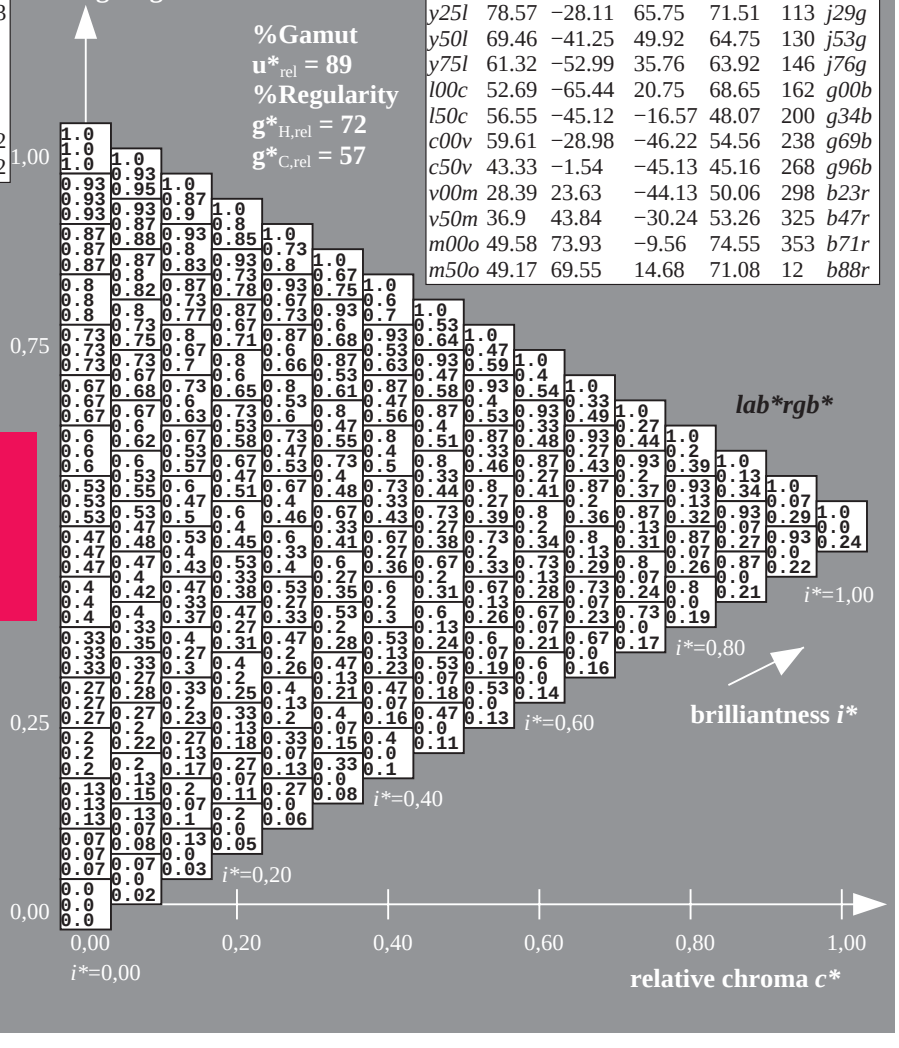
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *m50o*
*lab*rgb**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I
01	0.0 0.0 0.0	0.0 0.13 0.0	0.0 0.25 0.0	0.0 0.38 0.0	0.0 0.5 0.0	0.0 0.63 0.0	0.0 0.75 0.0	0.0 0.88 0.0	0.0 1.0 0.0
02	0.06 0.0 0.13	0.0 0.08 0.13	0.0 0.25 0.17	0.0 0.38 0.17	0.0 0.5 0.17	0.0 0.63 0.17	0.0 0.75 0.17	0.0 0.88 0.18	0.0 1.0 0.18
03	0.12 0.0 0.25	0.0 0.02 0.25	0.0 0.15 0.25	0.0 0.38 0.35	0.0 0.5 0.35	0.0 0.63 0.35	0.0 0.75 0.35	0.0 0.88 0.35	0.0 1.0 0.35
04	0.17 0.0 0.38	0.04 0.0 0.38	0.0 0.09 0.38	0.0 0.23 0.38	0.0 0.48 0.5	0.0 0.63 0.52	0.0 0.75 0.52	0.0 0.88 0.52	0.0 1.0 0.52
05	0.23 0.0 0.5	0.1 0.0 0.5	0.0 0.03 0.5	0.0 0.17 0.5	0.0 0.31 0.5	0.0 0.56 0.63	0.0 0.75 0.69	0.0 0.88 0.69	0.0 1.0 0.69
06	0.29 0.0 0.63	0.16 0.0 0.63	0.03 0.0 0.63	0.0 0.11 0.63	0.0 0.25 0.63	0.0 0.39 0.63	0.0 0.64 0.75	0.0 0.88 0.86	0.0 1.0 0.87
07	0.35 0.0 0.75	0.22 0.0 0.75	0.08 0.0 0.75	0.0 0.05 0.75	0.0 0.19 0.75	0.0 0.33 0.75	0.0 0.46 0.75	0.0 0.71 0.88	0.0 0.96 1.0
08	0.41 0.0 0.88	0.27 0.0 0.88	0.14 0.0 0.88	0.01 0.0 0.88	0.0 0.13 0.88	0.0 0.27 0.88	0.0 0.4 0.88	0.0 0.54 0.88	0.0 0.79 1.0
09	0.46 0.0 1.0	0.33 0.0 1.0	0.2 0.0 1.0	0.07 0.0 1.0	0.0 0.07 1.0	0.0 0.21 1.0	0.0 0.34 1.0	0.0 0.48 1.0	0.0 0.62 1.0
10	0.38 0.03 0.0	0.38 0.15 0.0	0.38 0.28 0.0	0.35 0.38 0.0	0.35 0.5 0.0	0.35 0.63 0.0	0.35 0.75 0.0	0.35 0.88 0.0	0.35 1.0 0.0
11	0.38 0.0 0.05	0.38 0.15 0.13	0.38 0.27 0.13	0.36 0.38 0.13	0.36 0.5 0.13	0.36 0.63 0.13	0.36 0.75 0.13	0.36 0.88 0.13	0.36 1.0 0.13
12	0.38 0.0 0.13	0.38 0.13 0.18	0.38 0.26 0.25	0.37 0.38 0.25	0.37 0.5 0.25	0.37 0.63 0.25	0.37 0.75 0.25	0.37 0.88 0.25	0.37 1.0 0.25
13	0.38 0.0 0.22	0.38 0.13 0.27	0.38 0.25 0.32	0.38 0.38 0.38	0.38 0.5 0.38	0.38 0.63 0.38	0.38 0.75 0.38	0.38 0.88 0.38	0.38 1.0 0.38
14	0.5 0.0 0.41	0.5 0.13 0.46	0.49 0.25 0.5	0.43 0.38 0.5	0.38 0.45 0.5	0.38 0.63 0.55	0.38 0.75 0.55	0.38 0.88 0.55	0.38 1.0 0.55
15	0.63 0.0 0.6	0.6 0.13 0.63	0.54 0.25 0.63	0.49 0.38 0.63	0.38 0.39 0.63	0.38 0.53 0.63	0.38 0.75 0.72	0.38 0.88 0.72	0.38 1.0 0.72
16	0.71 0.0 0.75	0.65 0.13 0.75	0.6 0.25 0.75	0.55 0.38 0.75	0.42 0.38 0.75	0.38 0.47 0.75	0.38 0.61 0.75	0.38 0.86 0.88	0.38 1.0 0.89
17	0.77 0.0 0.88	0.71 0.13 0.88	0.66 0.25 0.88	0.61 0.38 0.88	0.47 0.38 0.88	0.38 0.41 0.88	0.38 0.55 0.88	0.38 0.68 0.88	0.38 0.93 1.0
18	0.82 0.0 1.0	0.77 0.13 1.0	0.72 0.25 1.0	0.67 0.38 1.0	0.53 0.38 1.0	0.4 0.38 1.0	0.38 0.49 1.0	0.38 0.62 1.0	0.38 0.76 1.0
19	0.75 0.06 0.0	0.75 0.19 0.0	0.75 0.31 0.0	0.75 0.43 0.0	0.75 0.55 0.0	0.75 0.68 0.0	0.7 0.75 0.0	0.7 0.88 0.0	0.7 1.0 0.0
20	0.75 0.0 0.01	0.75 0.18 0.13	0.75 0.3 0.13	0.75 0.42 0.13	0.75 0.55 0.13	0.75 0.67 0.13	0.71 0.75 0.13	0.71 0.88 0.13	0.71 1.0 0.13
21	0.75 0.0 0.09	0.75 0.13 0.15	0.75 0.29 0.25	0.75 0.42 0.25	0.75 0.54 0.25	0.75 0.66 0.25	0.72 0.75 0.25	0.72 0.88 0.25	0.72 1.0 0.25
22	0.75 0.0 0.18	0.75 0.13 0.23	0.75 0.25 0.28	0.75 0.41 0.38	0.75 0.53 0.38	0.75 0.65 0.38	0.73 0.75 0.38	0.73 0.88 0.38	0.73 1.0 0.38
23	0.75 0.0 0.26	0.75 0.13 0.32	0.75 0.25 0.37	0.75 0.38 0.42	0.75 0.52 0.5	0.75 0.64 0.5	0.73 0.75 0.5	0.73 0.88 0.5	0.73 1.0 0.5
24	0.75 0.0 0.35	0.75 0.13 0.4	0.75 0.25 0.45	0.75 0.38 0.51	0.75 0.5 0.56	0.75 0.64 0.63	0.74 0.75 0.63	0.74 0.88 0.63	0.74 1.0 0.63
25	0.75 0.0 0.43	0.75 0.13 0.49	0.75 0.25 0.54	0.75 0.38 0.59	0.75 0.5 0.64	0.75 0.63 0.7	0.75 0.75 0.75	0.75 0.88 0.75	0.75 1.0 0.75
26	0.88 0.0 0.63	0.88 0.13 0.68	0.88 0.25 0.73	0.88 0.38 0.78	0.88 0.5 0.84	0.86 0.63 0.88	0.81 0.75 0.88	0.75 0.83 0.88	0.75 1.0 0.92
27	1.0 0.0 0.82	1.0 0.13 0.87	1.0 0.25 0.92	1.0 0.38 0.98	0.97 0.5 1.0	0.92 0.63 1.0	0.87 0.75 1.0	0.75 0.77 1.0	0.75 0.9 1.0

	J	K	L	M	N	O	P	Q	R
01	0.13 0.01 0.0	0.12 0.13 0.0	0.12 0.25 0.0	0.12 0.38 0.0	0.12 0.5 0.0	0.12 0.63 0.0	0.12 0.75 0.0	0.12 0.88 0.0	0.11 1.0 0.0
02	0.13 0.0 0.07	0.13 0.13 0.13	0.13 0.25 0.13	0.13 0.38 0.13	0.13 0.5 0.13	0.13 0.63 0.13	0.13 0.75 0.13	0.13 0.88 0.13	0.13 1.0 0.13
03	0.24 0.0 0.25	0.18 0.13 0.25	0.13 0.2 0.25	0.13 0.38 0.3	0.13 0.5 0.3	0.13 0.63 0.3	0.13 0.75 0.3	0.13 0.88 0.3	0.13 1.0 0.3
04	0.29 0.0 0.38	0.24 0.13 0.38	0.13 0.14 0.38	0.13 0.28 0.38	0.13 0.5 0.47	0.13 0.63 0.47	0.13 0.75 0.47	0.13 0.88 0.47	0.13 1.0 0.47
05	0.35 0.0 0.5	0.3 0.13 0.5	0.17 0.13 0.5	0.13 0.22 0.5	0.13 0.36 0.5	0.13 0.61 0.63	0.13 0.75 0.64	0.13 0.88 0.64	0.13 1.0 0.65
06	0.41 0.0 0.63	0.36 0.13 0.63	0.22 0.13 0.63	0.13 0.16 0.63	0.13 0.3 0.63	0.13 0.43 0.63	0.13 0.68 0.75	0.13 0.88 0.82	0.13 1.0 0.82
07	0.47 0.0 0.75	0.42 0.13 0.75	0.28 0.13 0.75	0.15 0.13 0.75	0.13 0.24 0.75	0.13 0.37 0.75	0.13 0.51 0.75	0.13 0.76 0.88	0.13 1.0 0.99
08	0.53 0.0 0.88	0.47 0.13 0.88	0.34 0.13 0.88	0.21 0.13 0.88	0.13 0.18 0.88	0.13 0.31 0.88	0.13 0.45 0.88	0.13 0.59 0.88	0.13 0.84 1.0
09	0.58 0.0 1.0	0.53 0.13 1.0	0.4 0.13 1.0	0.27 0.13 1.0	0.13 0.13 1.0	0.13 0.25 1.0	0.13 0.39 1.0	0.13 0.53 1.0	0.13 0.67 1.0
10	0.5 0.04 0.0	0.5 0.17 0.0	0.5 0.29 0.0	0.5 0.41 0.0	0.47 0.5 0.0	0.47 0.63 0.0	0.47 0.75 0.0	0.47 0.88 0.0	0.47 1.0 0.0
11	0.5 0.0 0.03	0.5 0.16 0.13	0.5 0.28 0.13	0.5 0.4 0.13	0.48 0.5 0.13	0.48 0.63 0.13	0.48 0.75 0.13	0.48 0.88 0.13	0.47 1.0 0.13
12	0.5 0.0 0.12	0.5 0.13 0.17	0.5 0.27 0.25	0.5 0.39 0.25	0.48 0.5 0.25	0.48 0.63 0.25	0.48 0.75 0.25	0.48 0.88 0.25	0.48 1.0 0.25
13	0.5 0.0 0.2	0.5 0.13 0.26	0.5 0.25 0.31	0.5 0.39 0.38	0.49 0.5 0.38	0.49 0.63 0.38	0.49 0.75 0.38	0.49 0.88 0.38	0.49 1.0 0.38
14	0.5 0.0 0.29	0.5 0.13 0.34	0.5 0.25 0.39	0.5 0.38 0.45	0.5 0.5 0.5	0.5 0.63 0.5	0.5 0.75 0.5	0.5 0.88 0.5	0.5 1.0 0.5
15	0.63 0.0 0.48	0.63 0.13 0.53	0.63 0.25 0.59	0.61 0.38 0.63	0.56 0.5 0.63	0.5 0.58 0.63	0.5 0.75 0.67	0.5 0.88 0.67	0.5 1.0 0.67
16	0.75 0.0 0.67	0.75 0.13 0.73	0.72 0.25 0.75	0.67 0.38 0.75	0.62 0.5 0.75	0.5 0.52 0.75	0.5 0.65 0.75	0.5 0.88 0.85	0.5 1.0 0.85
17	0.88 0.0 0.86	0.83 0.13 0.88	0.78 0.25 0.88	0.73 0.38 0.88	0.67 0.5 0.88	0.54 0.5 0.88	0.5 0.59 0.88	0.5 0.73 0.88	0.5 0.98 1.0
18	0.94 0.0 1.0	0.89 0.13 1.0	0.84 0.25 1.0	0.79 0.38 1.0	0.73 0.5 1.0	0.6 0.5 1.0	0.5 0.53 1.0	0.5 0.67 1.0	0.5 0.81 1.0
19	0.88 0.08 0.0	0.88 0.2 0.0	0.88 0.32 0.0	0.88 0.44 0.0	0.88 0.57 0.0	0.88 0.69 0.0	0.88 0.81 0.0	0.82 0.88 0.0	0.82 1.0 0.0
20	0.88 0.0 0.0	0.88 0.19 0.13	0.88 0.31 0.13	0.88 0.43 0.13	0.88 0.56 0.13	0.88 0.68 0.13	0.88 0.8 0.13	0.83 0.88 0.13	0.83 1.0 0.13
21	0.88 0.0 0.08	0.88 0.13 0.13	0.88 0.3 0.25	0.88 0.43 0.25	0.88 0.55 0.25	0.88 0.67 0.25	0.88 0.79 0.25	0.84 0.88 0.25	0.84 1.0 0.25
22	0.88 0.0 0.17	0.88 0.13 0.22	0.88 0.25 0.27	0.88 0.42 0.38	0.88 0.54 0.38	0.88 0.66 0.38	0.88 0.79 0.38	0.84 0.88 0.38	0.84 1.0 0.38
23	0.88 0.0 0.25	0.88 0.13 0.3	0.88 0.25 0.36	0.88 0.38 0.41	0.88 0.53 0.5	0.88 0.65 0.5	0.88 0.78 0.5	0.85 0.88 0.5	0.85 1.0 0.5
24	0.88 0.0 0.34	0.88 0.13 0.39	0.88 0.25 0.44	0.88 0.38 0.49	0.88 0.5 0.55	0.88 0.65 0.63	0.88 0.77 0.63	0.86 0.88 0.63	0.86 1.0 0.63
25	0.88 0.0 0.42	0.88 0.13 0.47	0.88 0.25 0.53	0.88 0.38 0.58	0.88 0.5 0.63	0.88 0.63 0.68	0.88 0.76 0.75	0.87 0.88 0.75	0.87 1.0 0.75
26	0.88 0.0 0.51	0.88 0.13 0.56	0.88 0.25 0.61	0.88 0.38 0.66	0.88 0.5 0.72	0.88 0.63 0.77	0.88 0.75 0.82	0.88 0.88 0.88	0.88 1.0 0.88
27	1.0 0.0 0.7	1.0 0.13 0.75	1.0 0.25 0.8	1.0 0.38 0.86	1.0 0.5 0.91	1.0 0.63 0.96	0.99 0.75 1.0	0.93 0.88 1.0	0.88 0.95 1.0

	S	T	U	V	W	X	Y	Z	a
01	0.25 0.02 0.0	0.25 0.14 0.0	0.23 0.25 0.0	0.23 0.38 0.0	0.23 0.5 0.0	0.23 0.63 0.0	0.23 0.75 0.0	0.23 0.88 0.0	0.23 1.0 0.0
02	0.25 0.0 0.06	0.25 0.14 0.13	0.24 0.25 0.13	0.24 0.38 0.13	0.24 0.5 0.13	0.24 0.63 0.13	0.24 0.75 0.13	0.24 0.88 0.13	0.24 1.0 0.13
03	0.25 0.0 0.14	0.25 0.13 0.2	0.25 0.25 0.25	0.25 0.38 0.25	0.25 0.5 0.25	0.25 0.63 0.25	0.25 0.75 0.25	0.25 0.88 0.25	0.25 1.0 0.25
04	0.38 0.0 0.34	0.36 0.13 0.38	0.31 0.25 0.38	0.25 0.33 0.38	0.25 0.5 0.42	0.25 0.63 0.42	0.25 0.75 0.42	0.25 0.88 0.42	0.25 1.0 0.42
05	0.47 0.0 0.5	0.42 0.13 0.5	0.37 0.25 0.5	0.25 0.27 0.5	0.25 0.4 0.5	0.25 0.63 0.6	0.25 0.75 0.6	0.25 0.88 0.6	0.25 1.0 0.6
06	0.53 0.0 0.63	0.48 0.13 0.63	0.42 0.25 0.63	0.29 0.25 0.63	0.25 0.34 0.63	0.25 0.48 0.63	0.25 0.73 0.75	0.25 0.88 0.77	0.25 1.0 0.77
07	0.59 0.0 0.75	0.54 0.13 0.75	0.48 0.25 0.75	0.35 0.25 0.75	0.25 0.28 0.75	0.25 0.42 0.75	0.25 0.56 0.75	0.25 0.81 0.88	0.25 1.0 0.94
08	0.65 0.0 0.88	0.59 0.13 0.88	0.54 0.25 0.88	0.41 0.25 0.88	0.28 0.25 0.88	0.25 0.36 0.88	0.25 0.5 0.88	0.25 0.64 0.88	0.25 0.89 1.0
09	0.7 0.0 1.0	0.65 0.13 1.0	0.6 0.25 1.0	0.47 0.25 1.0	0.33 0.25 1.0	0.25 0.3 1.0	0.25 0.44 1.0	0.25 0.58 1.0	0.25 0.71 1.0
10	0.63 0.05 0.0	0.63 0.18 0.0	0.63 0.3 0.0	0.63 0.42 0.0	0.63 0.54 0.0	0.59 0.63 0.0	0.59 0.75 0.0	0.58 0.88 0.0	0.58 1.0 0.0
11	0.63 0.0 0.02	0.63 0.17 0.13	0.63 0.29 0.13	0.63 0.41 0.13	0.63 0.54 0.13	0.59 0.63 0.13	0.59 0.75 0.13	0.59 0.88 0.13	0.59 1.0 0.13
12	0.63 0.0 0.11	0.63 0.13 0.16	0.63 0.28 0.25	0.63 0.4 0.25	0.63 0.53 0.25	0.6 0.63 0.25	0.6 0.75 0.25	0.6 0.88 0.25	0.6 1.0 0.25
13	0.63 0.0 0.19	0.63 0.13 0.24	0.63 0.25 0.3	0.63 0.4 0.38	0.63 0.52 0.38	0.61 0.63 0.38	0.61 0.75 0.38	0.61 0.88 0.38	0.61 1.0 0.38
14	0.63 0.0 0.28	0.63 0.13 0.33	0.63 0.25 0.38	0.63 0.38 0.43	0.63 0.51 0.5	0.62 0.63 0.5	0.62 0.75 0.5	0.62 0.88 0.5	0.62 1.0 0.5
15	0.63 0.0 0.36	0.63 0.13 0.41	0.63 0.25 0.47	0.63 0.38 0.52	0.63 0.5 0.57	0.63 0.63 0.63	0.63 0.75 0.63	0.63 0.88 0.63	0.63 1.0 0.63
16	0.75 0.0 0.55	0.75 0.13 0.61	0.75 0.25 0.66	0.75 0.38 0.71	0.74 0.5 0.75	0.68 0.63 0.75	0.63 0.7 0.75	0.63 0.88 0.8	0.63 1.0 0.8
17	0.88 0.0 0.74	0.88 0.13 0.8	0.88 0.25 0.85	0.85 0.38 0.88	0.79 0.5 0.88	0.74 0.63 0.88	0.63 0.64 0.88	0.63 0.78 0.88	0.63 1.0 0.97
18	1.0 0.0 0.94	1.0 0.13 0.99	0.96 0.25 1.0	0.9 0.38 1.0	0.85 0.5 1.0	0.8 0.63 1.0	0.67 0.63 1.0	0.63 0.72 1.0	0.63 0.86 1.0
19	1.0 0.09 0.0	1.0 0.21 0.0	1.0 0.33 0.0	1.0 0.45 0.0	1.0 0.58 0.0	1.0 0.7 0.0	1.0 0.82 0.0	1.0 0.94 0.0	0.94 1.0 0.0
20	1.0 0.01 0.0	1.0 0.2 0.13	1.0 0.32 0.13	1.0 0.45 0.13	1.0 0.57 0.13	1.0 0.69 0.13	1.0 0.81 0.13	1.0 0.94 0.13	0.94 1.0 0.13
21	1.0 0.0 0.07	1.0 0.13 0.13	1.0 0.31 0.25	1.0 0.44 0.25	1.0 0.56 0.25	1.0 0.68 0.25	1.0 0.8 0.25	1.0 0.93 0.25	0.95 1.0 0.25
22	1.0 0.0 0.15	1.0 0.13 0.21	1.0 0.25 0.26	1.0 0.43 0.38	1.0 0.55 0.38	1.0 0.67 0.38	1.0 0.8 0.38	1.0 0.92 0.38	0.96 1.0 0.38
23	1.0 0.0 0.24	1.0 0.13 0.29	1.0 0.25 0.34	1.0 0.38 0.4	1.0 0.54 0.5	1.0 0.67 0.5	1.0 0.79 0.5	1.0 0.91 0.5	0.97 1.0 0.5
24	1.0 0.0 0.32	1.0 0.13 0.38	1.0 0.25 0.43	1.0 0.38 0.48	1.0 0.5 0.53	1.0 0.66 0.63	1.0 0.78 0.63	1.0 0.9 0.63	0.98 1.0 0.63
25	1.0 0.0 0.41	1.0 0.13 0.46	1.0 0.25 0.51	1.0 0.38 0.57	1.0 0.5 0.62	1.0 0.63 0.67	1.0 0.77 0.75	1.0 0.89 0.75	0.98 1.0 0.75
26	1.0 0.0 0.49	1.0 0.13 0.55	1.0 0.25 0.6	1.0 0.38 0.65	1.0 0.5 0.7	1.0 0.63 0.76	1.0 0.75 0.81	1.0 0.89 0.88	0.99 1.0 0.88
27	1.0 0.0 0.58	1.0 0.13 0.63	1.0 0.25 0.68	1.0 0.38 0.74	1.0 0.5 0.79	1.0 0.63 0.84	1.0 0.75 0.89	1.0 0.88 0.95	1.0 1.0 1.0

	b	c	d	e	f	g	h	i	j
01	1.0 1.0 1.0	1.0 0.89 0.88	1.0 0.77 0.75	1.0 0.66 0.63	1.0 0.54 0.5	1.0 0.43 0.38	1.0 0.31 0.25	1.0 0.2 0.13	1.0 0.09 0.0
02	0.88 0.95 1.0	0.88 0.88 0.88	0.88 0.76 0.75	0.88 0.65 0.63	0.88 0.53 0.5	0.88 0.42 0.38	0.88 0.3 0.25	0.88 0.19 0.13	0.88 0.08 0.0
03	0.75 0.9 1.0	0.75 0.83 0.88	0.75 0.75 0.75	0.75 0.64 0.63	0.75 0.52 0.5	0.75 0.41 0.38	0.75 0.29 0.25	0.75 0.18 0.13	0.75 0.06 0.0
04	0.63 0.86 1.0	0.63 0.78 0.88	0.63 0.7 0.75	0.63 0.63 0.63	0.63 0.51 0.5	0.63 0.4 0.38	0.63 0.28 0.25	0.63 0.17 0.13	0.63 0.05 0.0
05	0.5 0.81 1.0	0.5 0.73 0.88	0.5 0.65 0.75	0.5 0.58 0.63	0.5 0.5 0.5	0.5 0.39 0.38	0.5 0.27 0.25	0.5 0.16 0.13	0.5 0.04 0.0
06	0.38 0.76 1.0	0.38 0.68 0.88	0.38 0.61 0.75	0.38 0.53 0.63	0.38 0.45 0.5	0.38 0.38 0.38	0.38 0.26 0.25	0.38 0.15 0.13	0.38 0.03 0.0
07	0.25 0.71 1.0	0.25 0.64 0.88	0.25 0.56 0.75	0.25 0.48 0.63	0.25 0.4 0.5	0.25 0.33 0.38	0.25 0.25 0.25	0.25 0.14 0.13	0.25 0.02 0.0
08	0.13 0.67 1.0	0.13 0.59 0.88	0.13 0.51 0.75	0.13 0.43 0.63	0.13 0.36 0.5	0.13 0.28 0.38	0.13 0.2 0.25	0.13 0.13 0.13	0.13 0.01 0.0
09	0.0 0.62 1.0	0.0 0.54 0.88	0.0 0.46 0.75	0.0 0.39 0.63	0.0 0.31 0.5	0.0 0.23 0.38	0.0 0.15 0.25	0.0 0.08 0.13	0.0 0.0 0.0
10	1.0 1.0 1.0	0.99 1.0 0.88	0.98 1.0 0.75	0.98 1.0 0.63	0.97 1.0 0.5	0.96 1.0 0.38	0.95 1.0 0.25	0.94 1.0 0.13	0.94 1.0 0.0
11	0.93 0.88 1.0	0.88 0.88 0.88	0.87 0.88 0.75	0.86 0.88 0.63	0.85 0.88 0.5	0.84 0.88 0.38	0.84 0.88 0.25	0.83 0.88 0.13	0.82 0.88 0.0
12	0.87 0.75 1.0	0.81 0.75 0.88	0.75 0.75 0.75	0.74 0.75 0.63	0.73 0.75 0.5	0.73 0.75 0.38	0.72 0.75 0.25	0.71 0.75 0.13	0.7 0.75 0.0
13	0.8 0.63 1.0	0.74 0.63 0.88	0.68 0.63 0.75	0.63 0.63 0.63	0.62 0.63 0.5	0.61 0.63 0.38	0.6 0.63 0.25	0.59 0.63 0.13	0.59 0.63 0.0
14	0.73 0.5 1.0	0.67 0.5 0.88	0.62 0.5 0.75	0.56 0.5 0.63	0.5 0.5 0.5	0.49 0.5 0.38	0.48 0.5 0.25	0.48 0.5 0.13	0.47 0.5 0.0
15	0.67 0.38 1.0	0.61 0.38 0.88	0.55 0.38 0.75	0.49 0.38 0.63	0.43 0.38 0.5	0.38 0.38 0.38	0.37 0.38 0.25	0.36 0.38 0.13	0.35 0.38 0.0
16	0.6 0.25 1.0	0.54 0.25 0.88	0.48 0.25 0.75	0.42 0.25 0.63	0.37 0.25 0.5	0.31 0.25 0.38	0.25 0.25 0.25	0.24 0.25 0.13	0.23 0.25 0.0
17	0.53 0.13 1.0	0.47 0.13 0.88	0.42 0.13 0.75	0.36 0.13 0.63	0.3 0.13 0.5	0.24 0.13 0.38	0.18 0.13 0.25	0.13 0.13 0.13	0.12 0.13 0.0
18	0.46 0.0 1.0	0.41 0.0 0.88	0.35 0.0 0.75	0.29 0.0 0.63	0.23 0.0 0.5	0.17 0.0 0.38	0.12 0.0 0.25	0.06 0.0 0.13	0.0 0.0 0.0
19	1.0 1.0 1.0	0.88 1.0 0.88	0.75 1.0 0.75	0.63 1.0 0.63	0.5 1.0 0.5	0.38 1.0 0.38	0.25 1.0 0.25	0.13 1.0 0.13	0.0 1.0 0.0
20	1.0 0.88 0.95	0.88 0.88 0.88	0.75 0.88 0.75	0.63 0.88 0.63	0.5 0.88 0.5	0.38 0.88 0.38	0.25 0.88 0.25	0.13 0.88 0.13	0.0 0.88 0.0
21	1.0 0.75 0.89	0.88 0.75 0.82	0.75 0.75 0.75	0.63 0.75 0.63	0.5 0.75 0.5	0.38 0.75 0.38	0.25 0.75 0.25	0.13 0.75 0.13	0.0 0.75 0.0
22	1.0 0.63 0.84	0.88 0.63 0.77	0.75 0.63 0.7	0.63 0.63 0.63	0.5 0.63 0.5	0.38 0.63 0.38	0.25 0.63 0.25	0.13 0.63 0.13	0.0 0.63 0.0
23	1.0 0.5 0.79	0.88 0.5 0.72	0.75 0.5 0.64	0.63 0.5 0.57	0.5 0.5 0.5	0.38 0.5 0.38	0.25 0.5 0.25	0.13 0.5 0.13	0.0 0.5 0.0
24	1.0 0.38 0.74	0.88 0.38 0.66	0.75 0.38 0.59	0.63 0.38 0.52	0.5 0.38 0.45	0.38 0.38 0.38	0.25 0.38 0.25	0.13 0.38 0.13	0.0 0.38 0.0
25	1.0 0.25 0.68	0.88 0.25 0.61	0.75 0.25 0.54	0.63 0.25 0.47	0.5 0.25 0.39	0.38 0.25 0.32	0.25 0.25 0.25	0.13 0.25 0.13	0.0 0.25 0.0
26	1.0 0.13 0.63	0.88 0.13 0.56	0.75 0.13 0.49	0.63 0.13 0.41	0.5 0.13 0.34	0.38 0.13 0.27	0.25 0.13 0.2	0.13 0.13 0.13	0.0 0.13 0.0
27	1.0 0.0 0.58	0.88 0.0 0.51	0.75 0.0 0.43	0.63 0.0 0.36	0.5 0.0 0.29	0.38 0.0 0.22	0.25 0.0 0.14	0.13 0.0 0.07	0.0 0.0 0.0

	k	lab*rgb*		
01	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
03	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25
04	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38
05	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5
06	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63
07	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75
08	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88
09	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
10	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
11	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07
12	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
13	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2
14	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27
15	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33
16	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4
17	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47
18	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53
19	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6
20	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67
21	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73
22	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8
23	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87
24	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93
25	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
26	0.0 0.0 0.0	1.0 0.09 0.0	0.94 1.0 0.0	0.0 1.0 0.0
27	1.0 1.0 1.0	0.0 0.62 1.0	0.46 0.0 1.0	1.0 0.0 0.58

See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

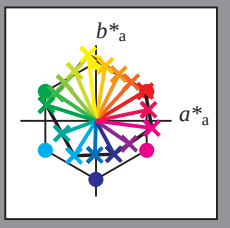
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmyn6* setcmykcolor*

Input and output:
Colorimetric Printer Reflective System ORS19_96a
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

ORS19_96a; adapted (a) CIELAB data

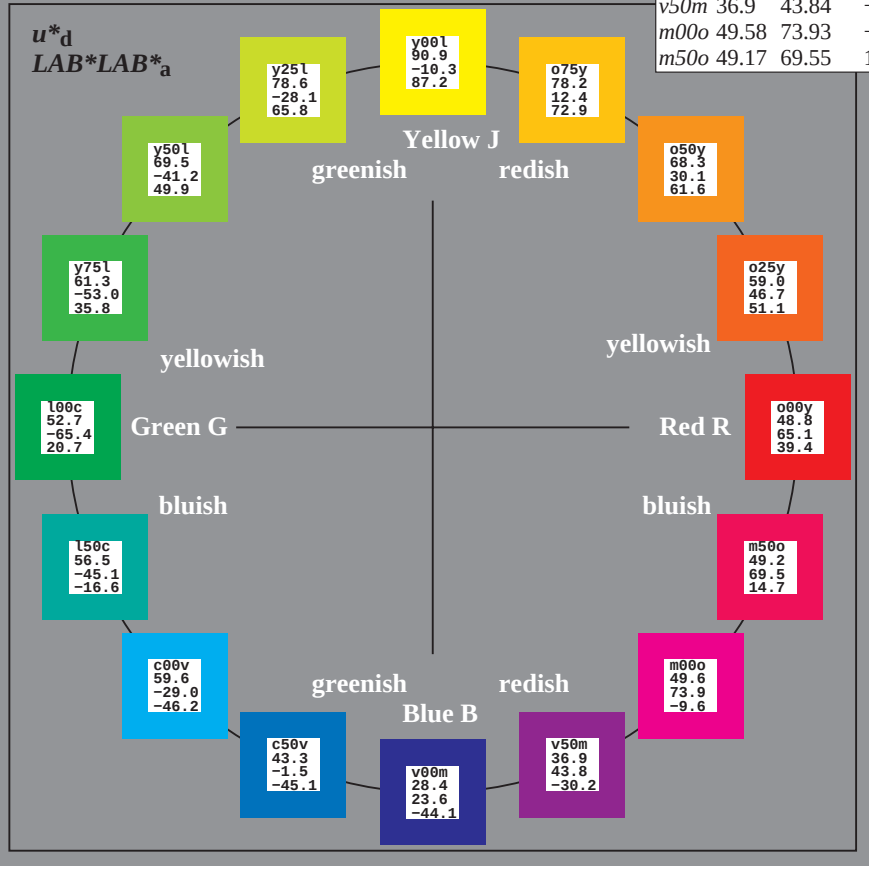
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

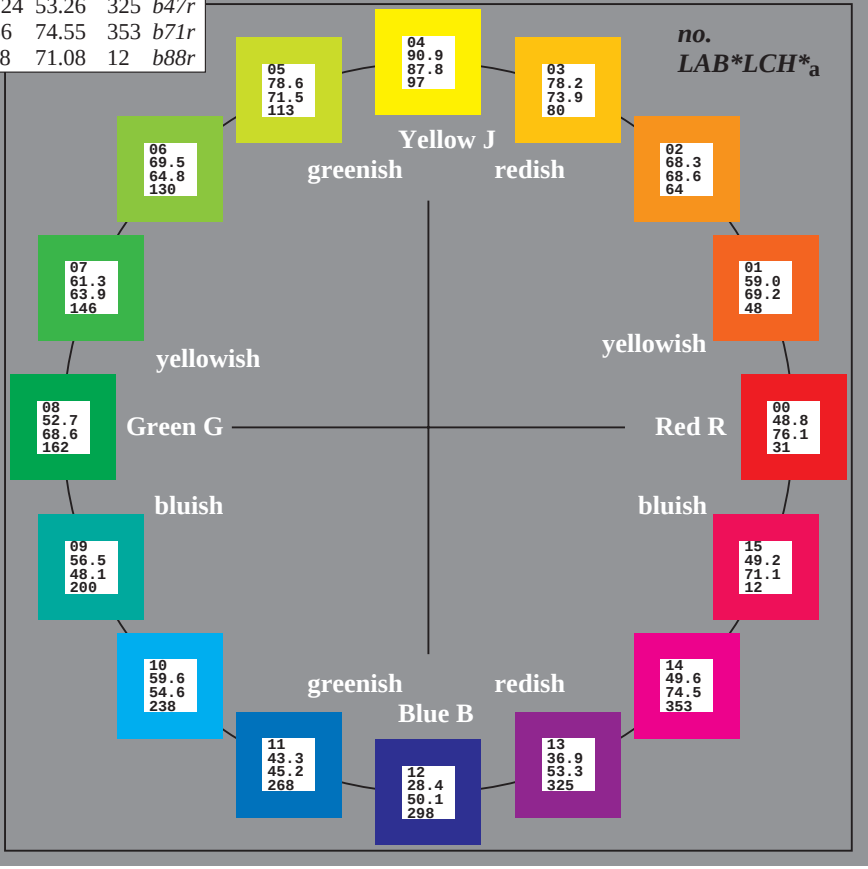


%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

ORS19_96a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





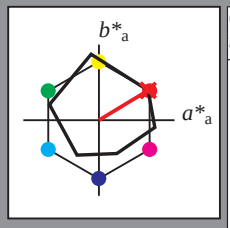
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

$u^*_d = o00y$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data

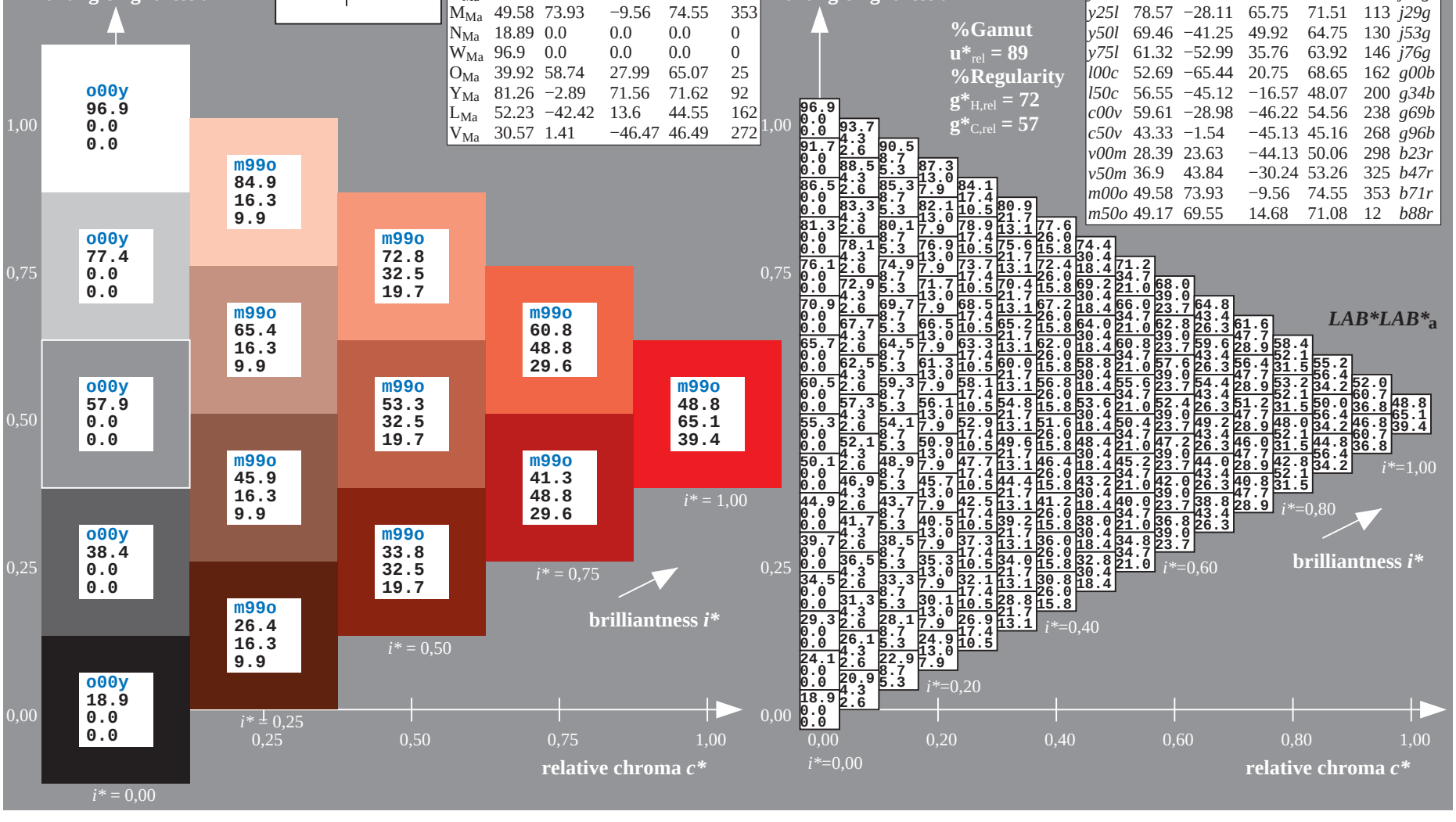
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 49 65 39
$LAB^*LCH^*_{Ma}$: 49 76 31
$lab^*olv^*_{Ma}$: 1.0 0.0 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.09 0.0
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

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

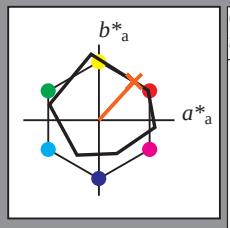


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

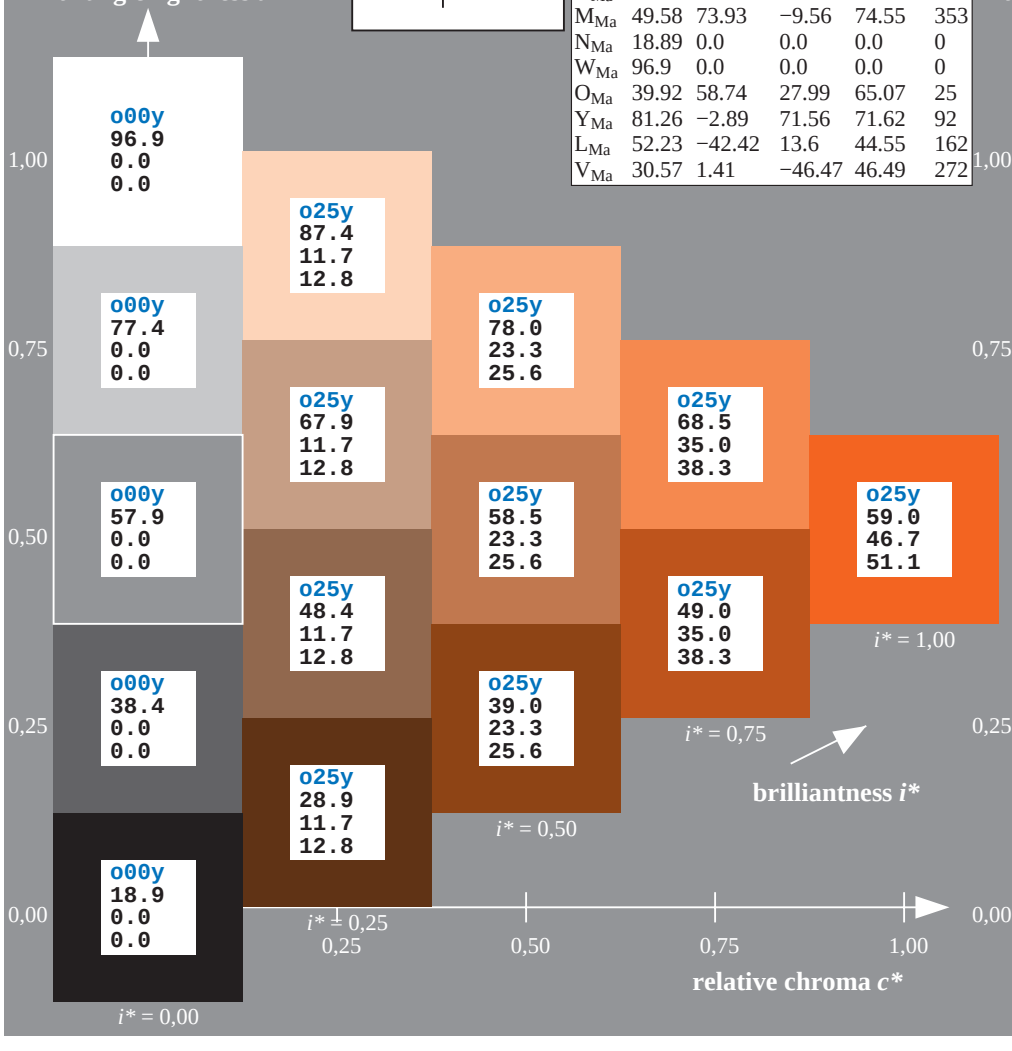
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 47 51
*LAB*LCH**$_{Ma}$: 59 69 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

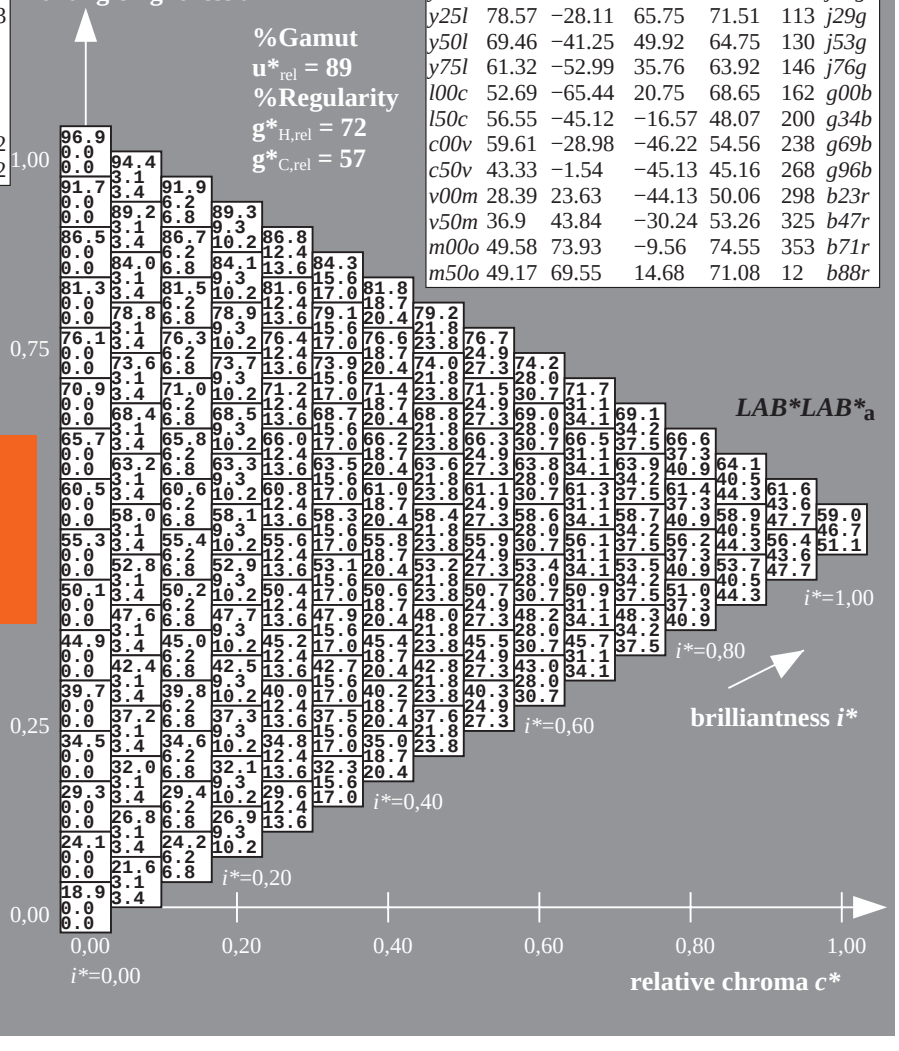
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *o25y*
*LAB*LAB**$_a$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



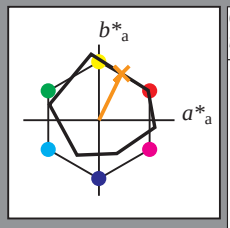


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

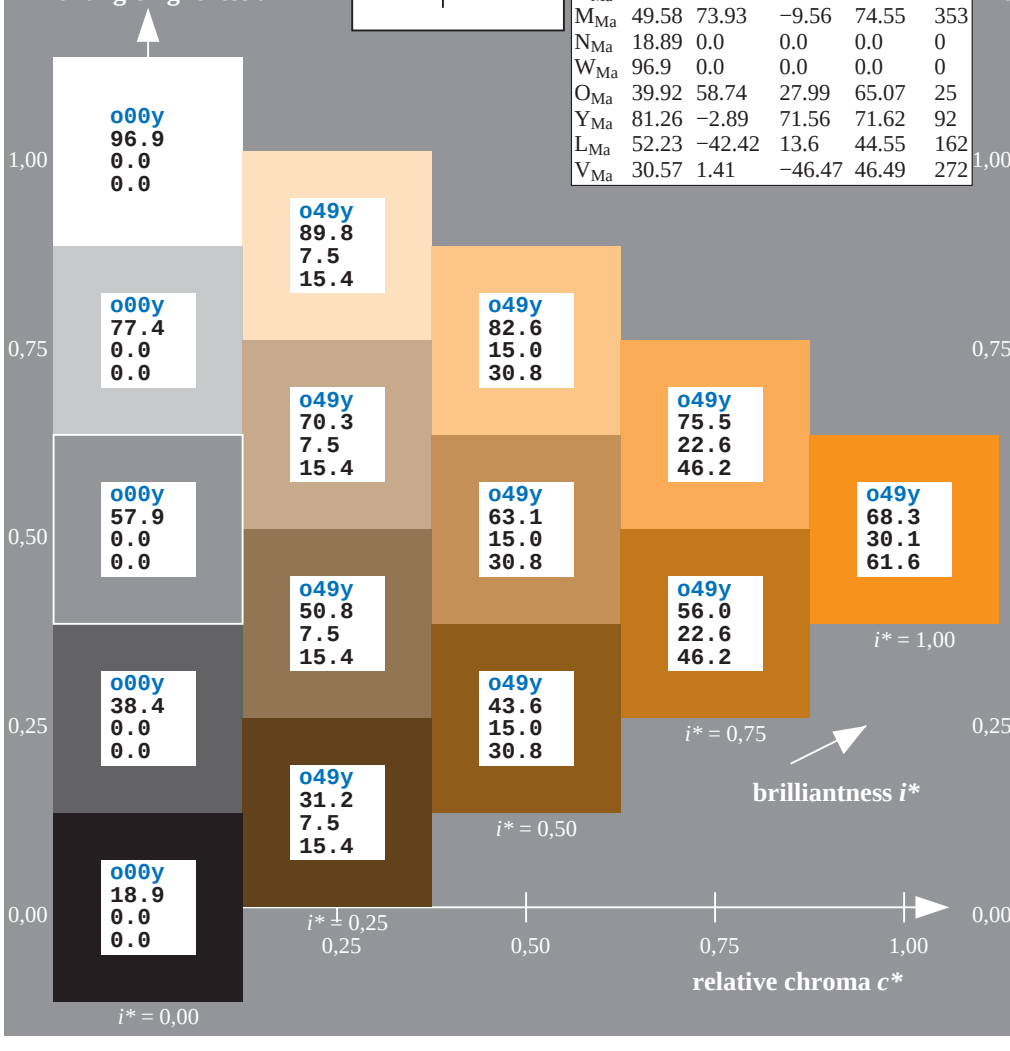
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 68 30 62**
***LAB*LCH**$_{Ma}$: 68 69 63**
***lab*olv**$_{Ma}$: 1.0 0.5 0.0**
***lab*rgb**$_{Ma}$: 1.0 0.58 0.0**
triangle lightness *t**

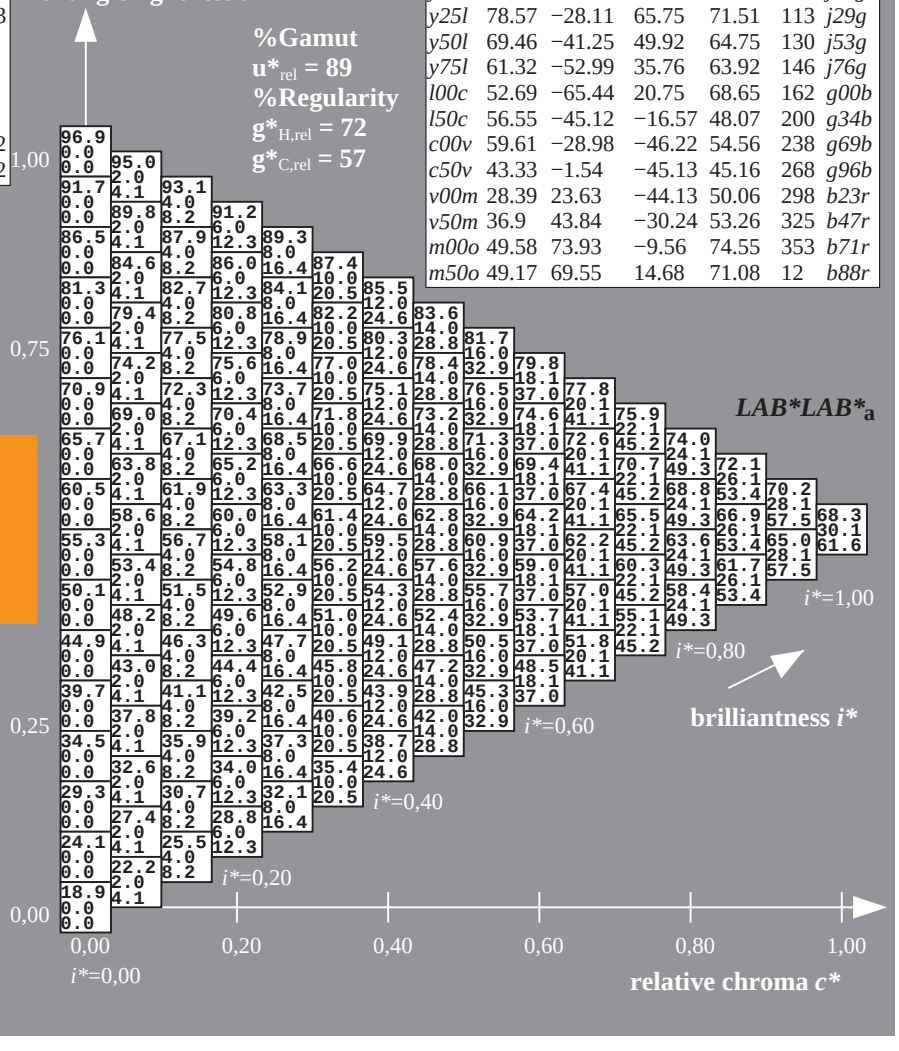
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

u^*_d = *o50y*
***LAB*LAB**$_a$**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



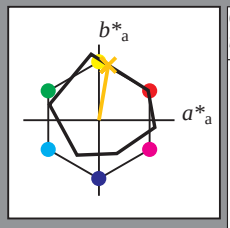


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

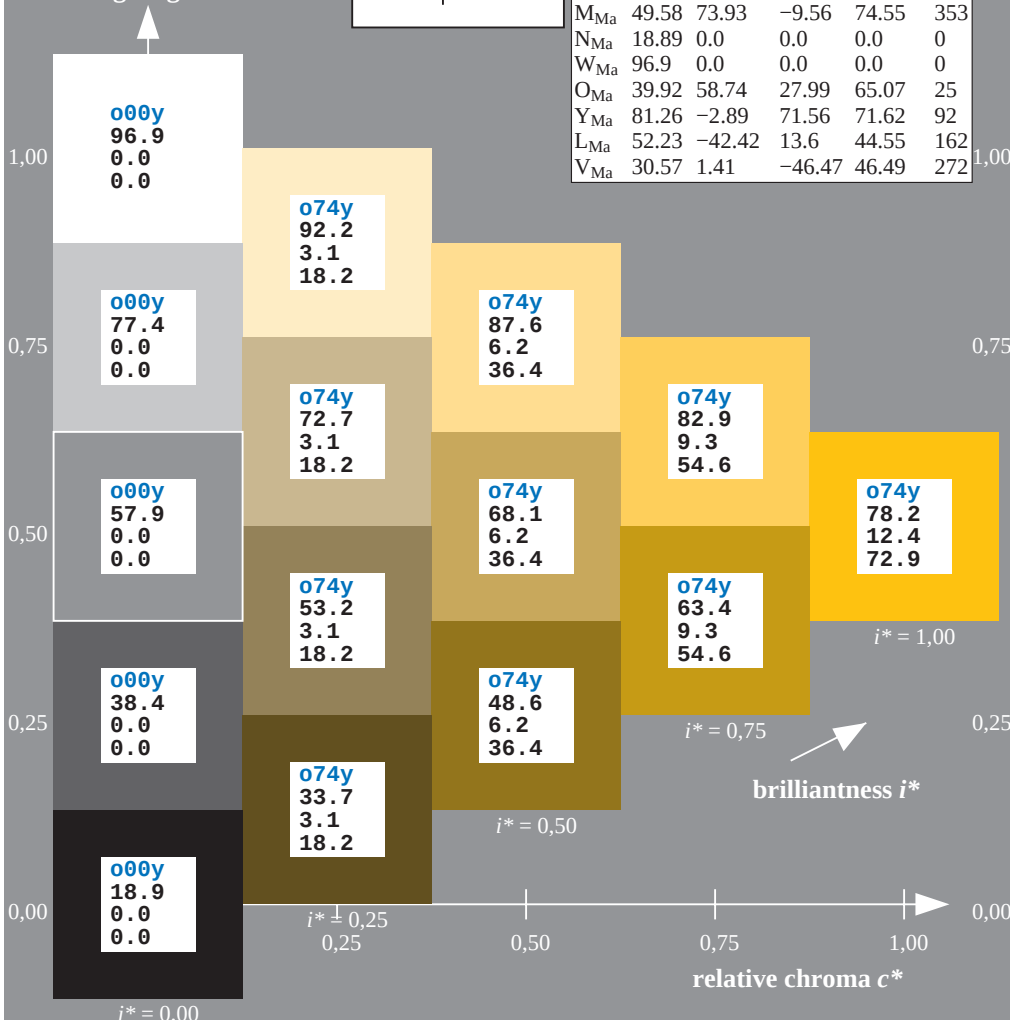
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 12 73
*LAB*LCH**$_{Ma}$: 78 74 80
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

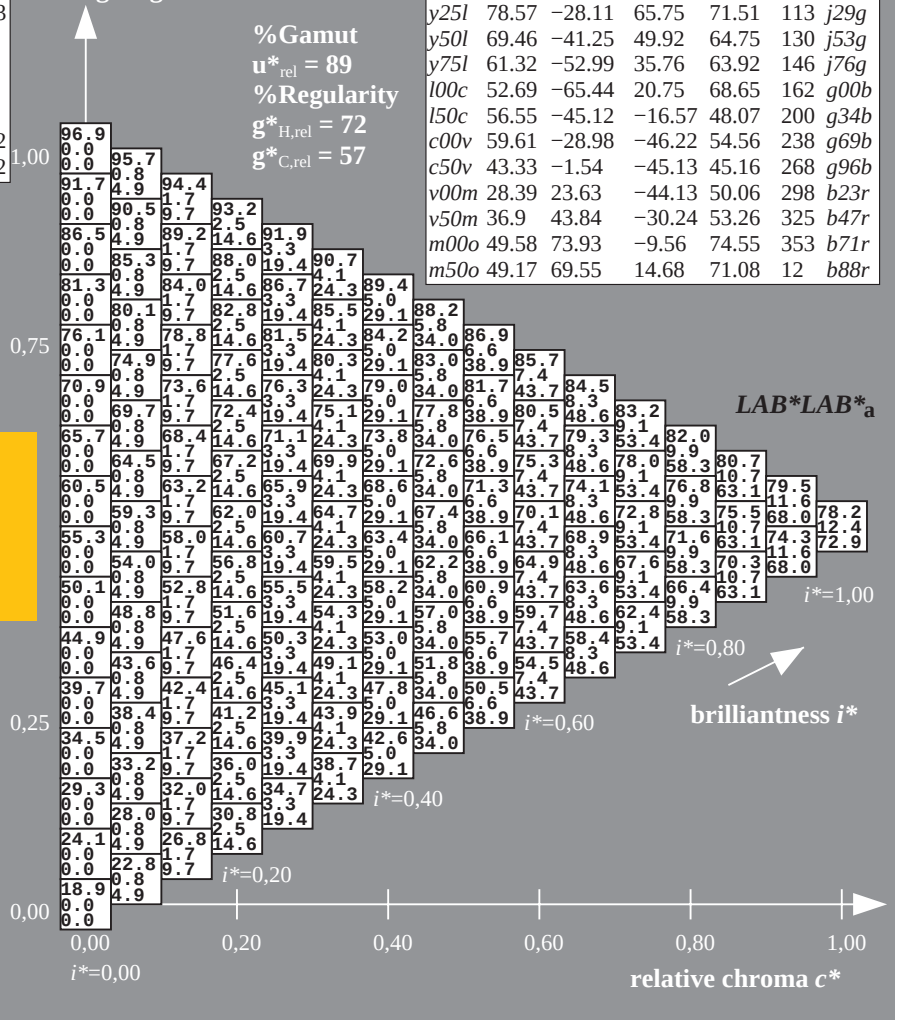
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *o75y*
*LAB*LAB**$_a$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



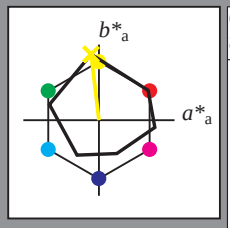


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

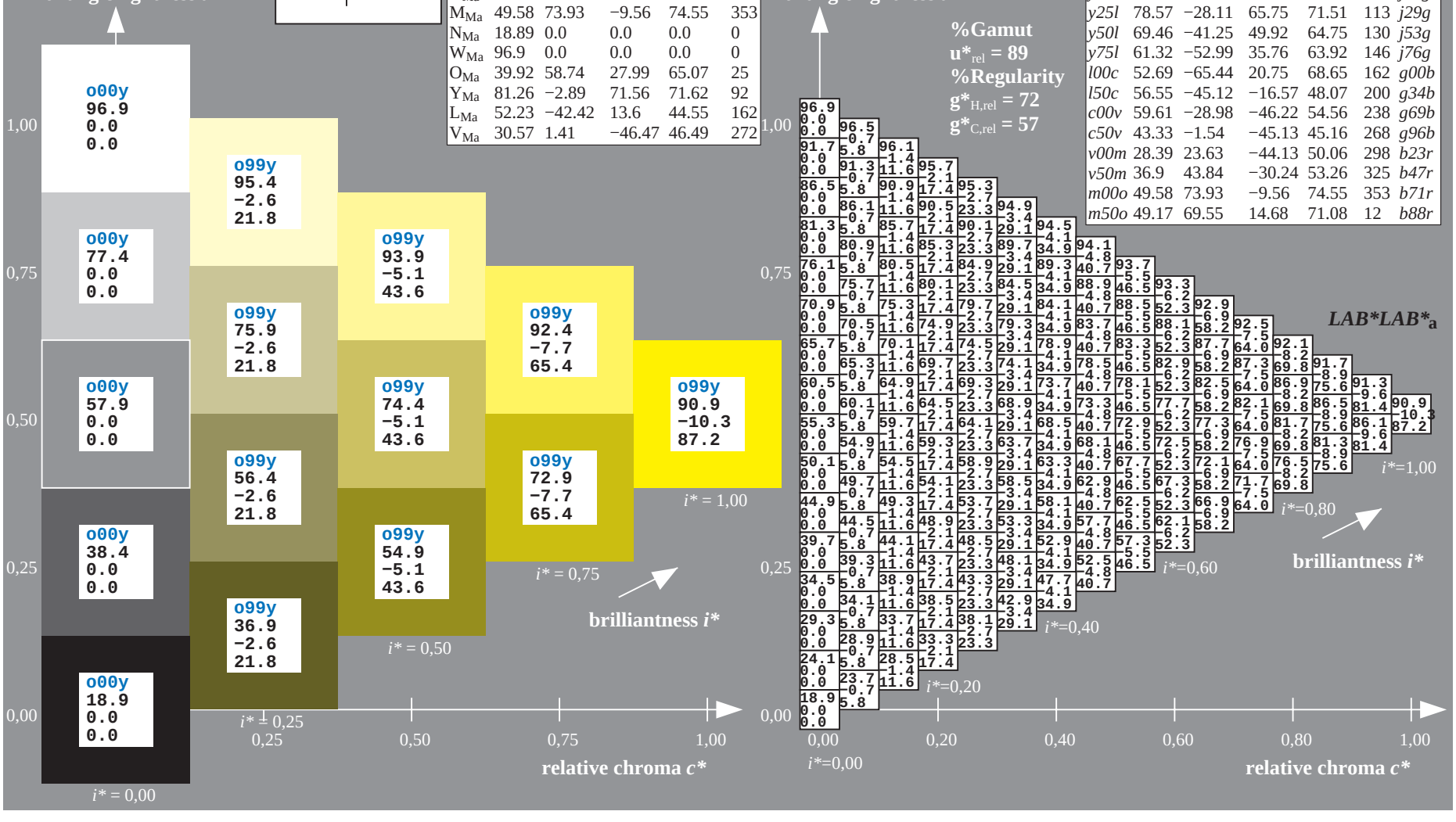
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 91 −10 87**
***LAB*LCH*Ma*: 91 88 96**
***lab*olv*Ma*: 1.0 1.0 0.0**
***lab*rgb*Ma*: 0.94 1.0 0.0**
triangle lightness *t**

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

$u^*_d = y00l$
LAB*LAB*a

ORS19_96a; adapted (a) CIELAB data

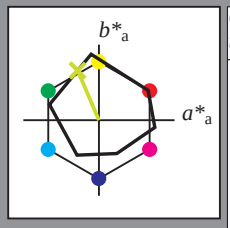
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j29g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

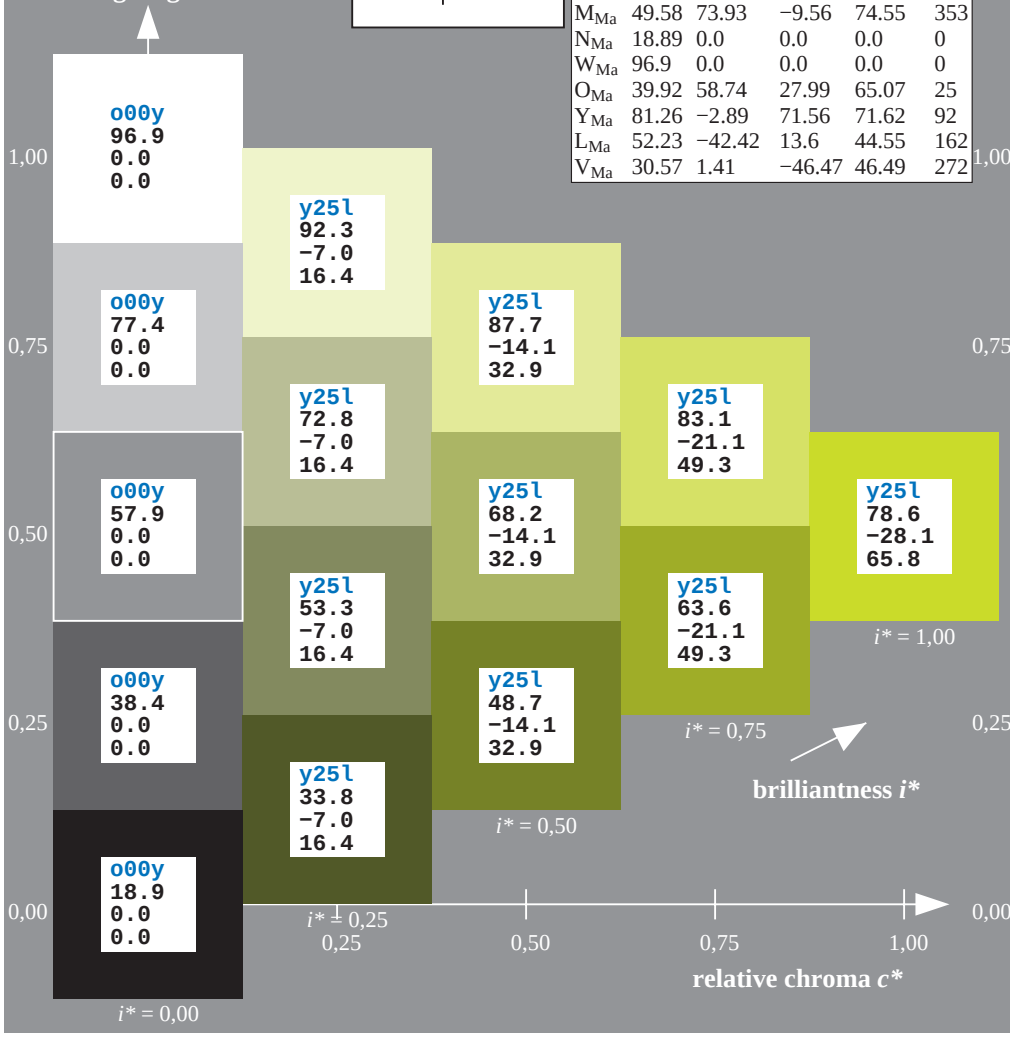
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 79 −28 66**
***LAB*LCH**$_{Ma}$: 79 72 113**
***lab*olv**$_{Ma}$: 0.75 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.7 1.0 0.0**
triangle lightness *t**

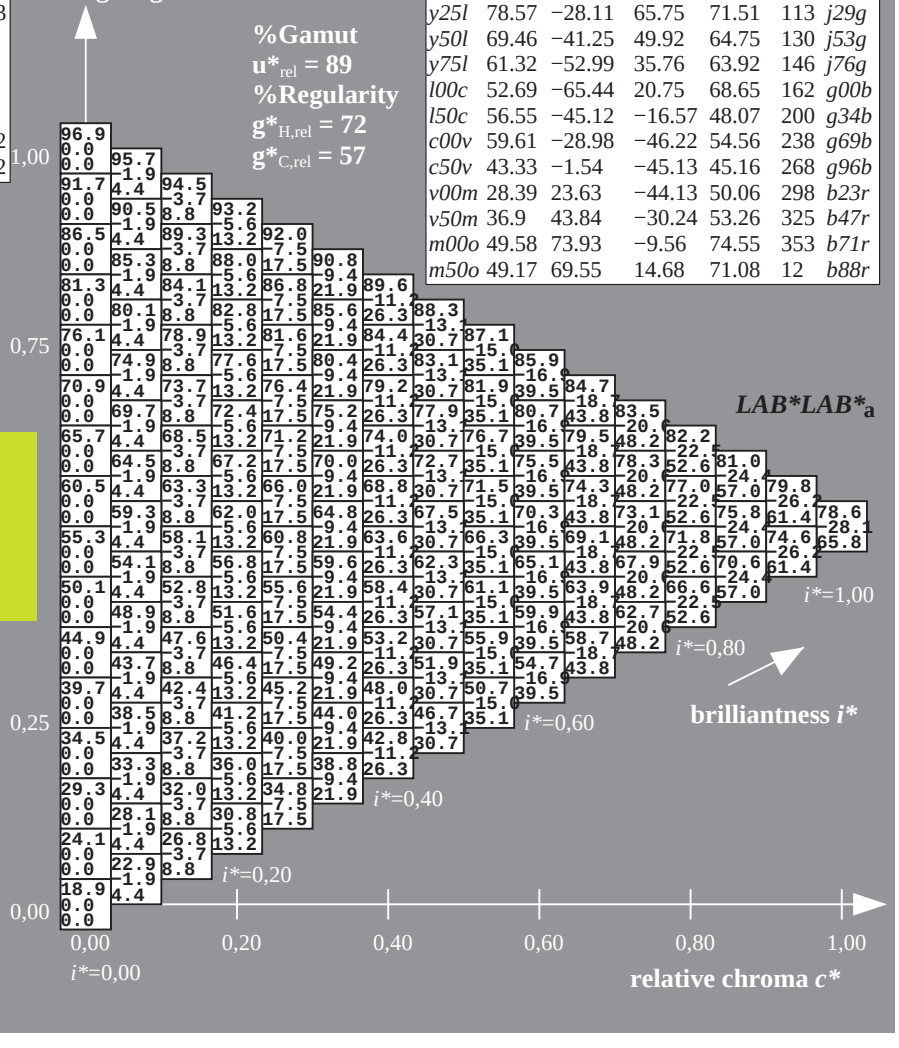
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y25l$
***LAB*LAB**$_a$**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



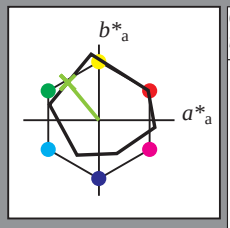


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

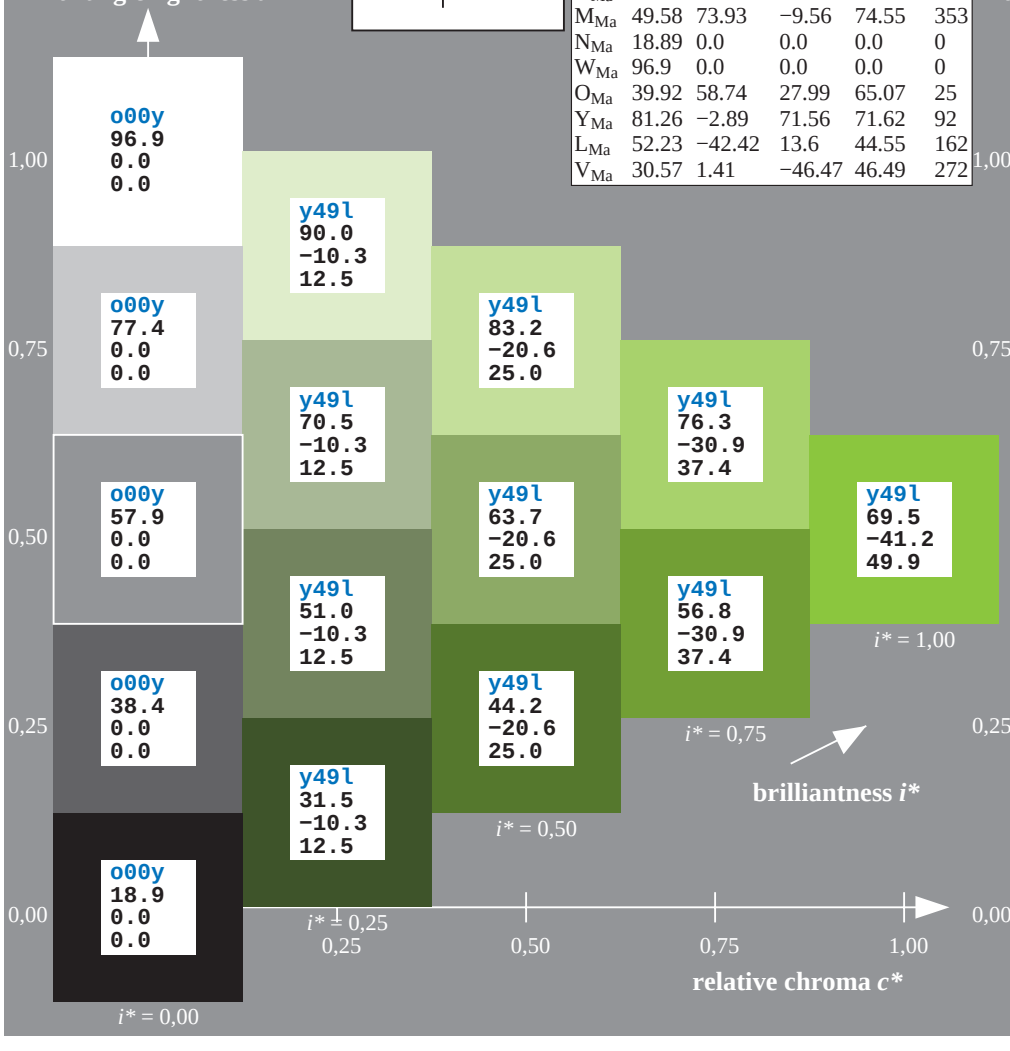
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 69 −41 50**
***LAB*LCH**$_{Ma}$: 69 65 129**
***lab*olv**$_{Ma}$: 0.5 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.47 1.0 0.0**
triangle lightness *t**

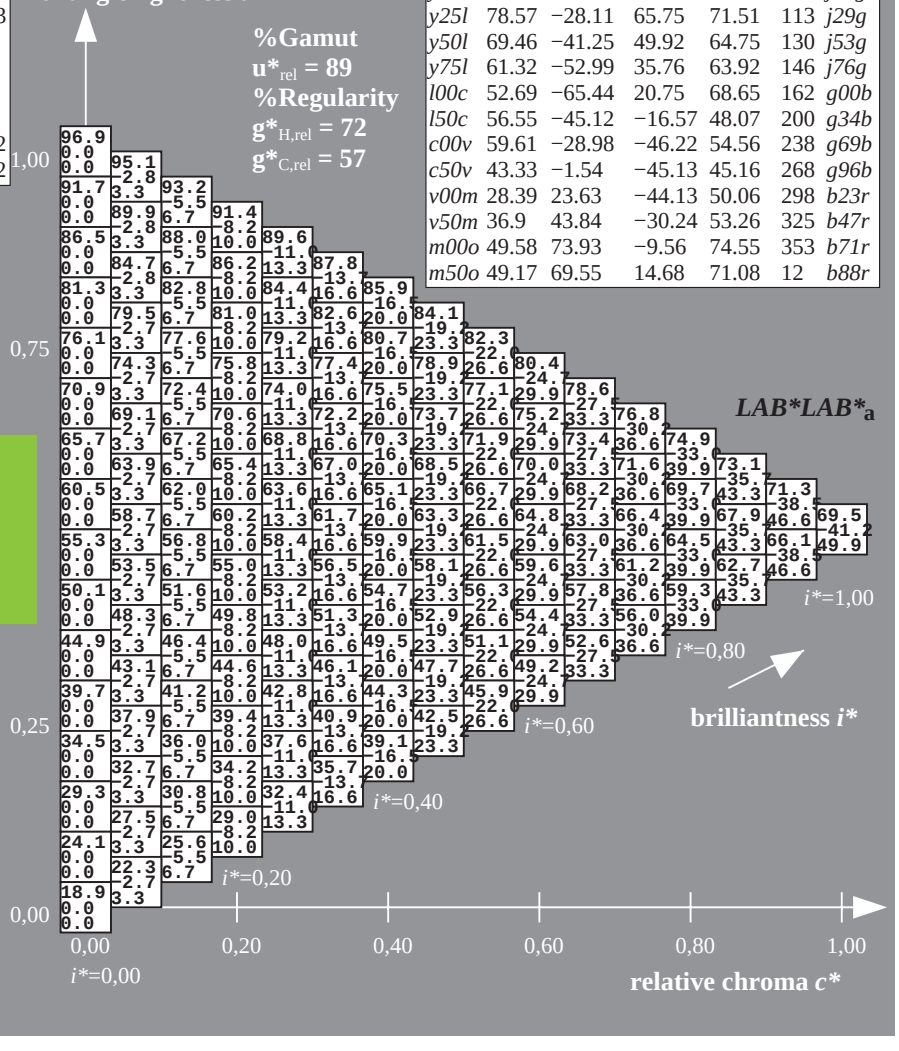
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y50l$
***LAB*LAB**$_a$**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



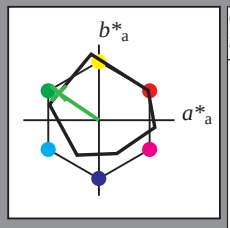


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

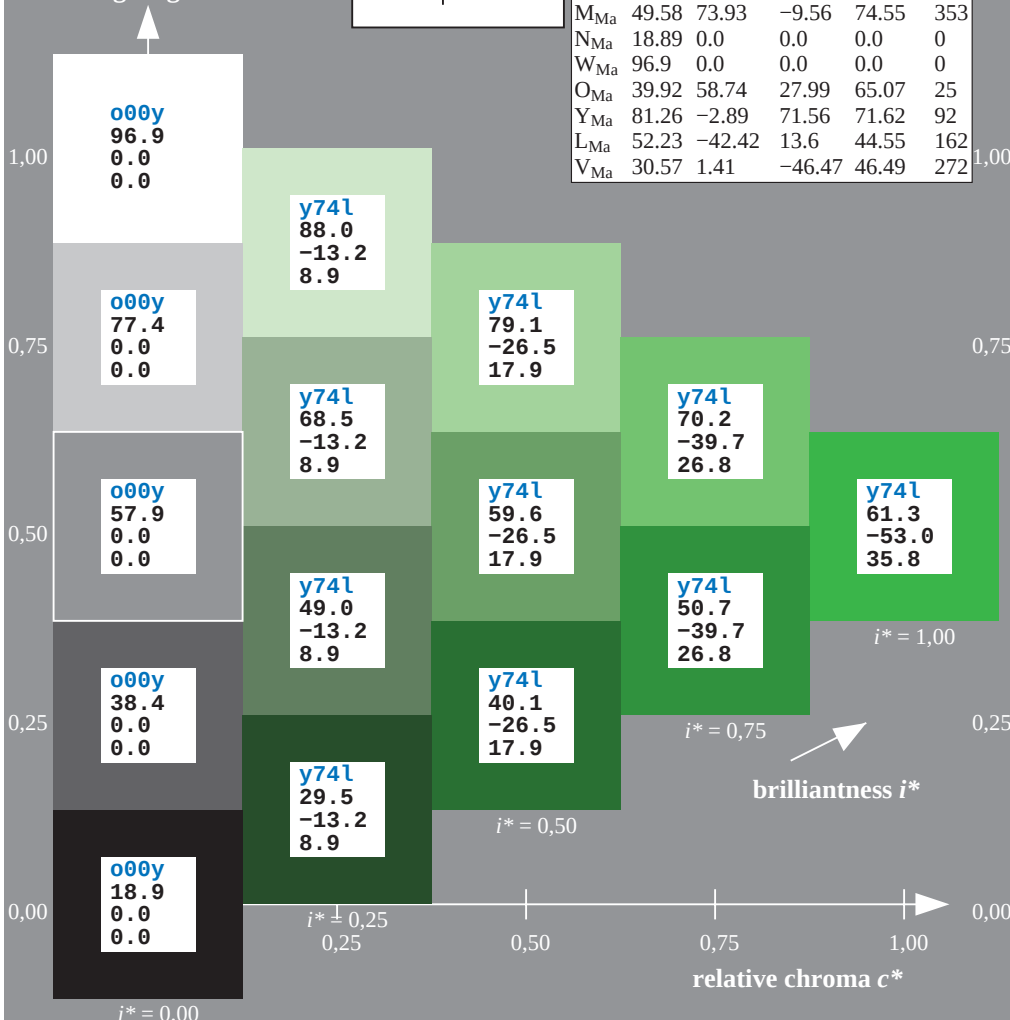
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 61 −53 36**
***LAB*LCH*Ma*: 61 64 145**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.23 1.0 0.0**
triangle lightness *t**

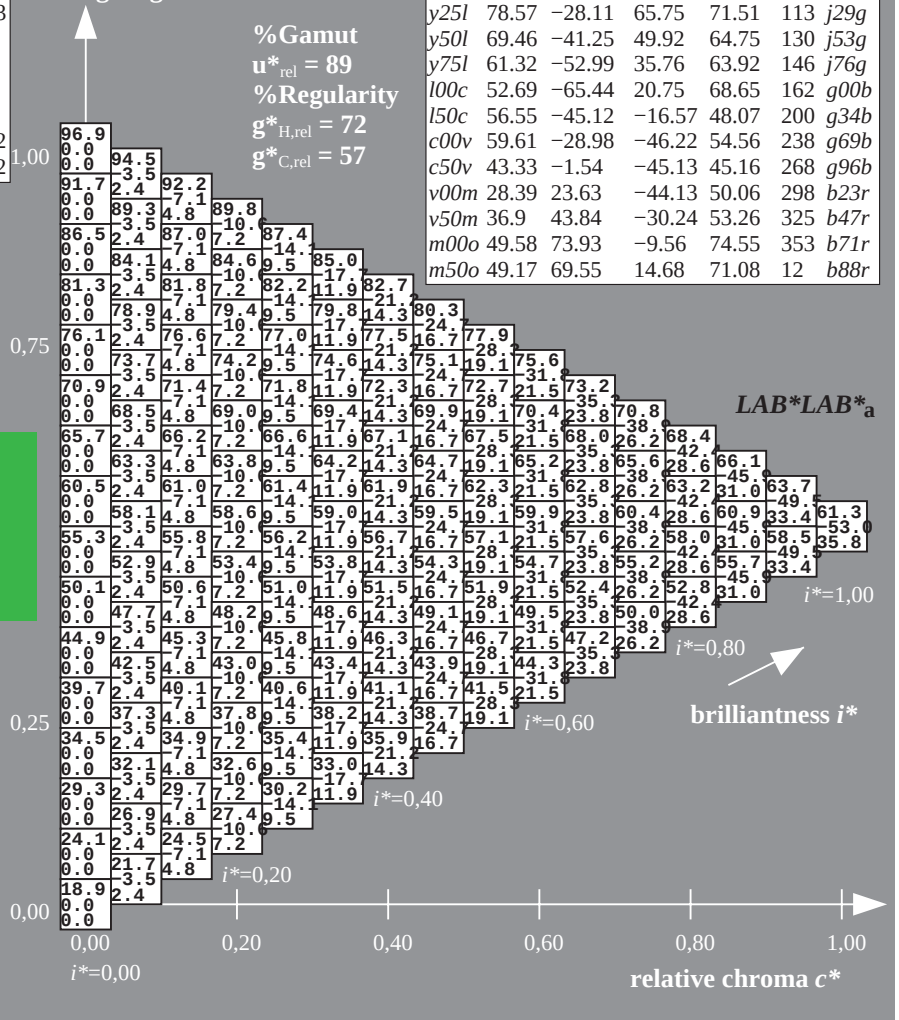
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y75l$
LAB*LAB*a

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





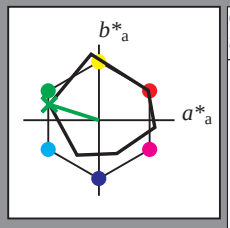
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

$u^*_d = l00c$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = g00b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



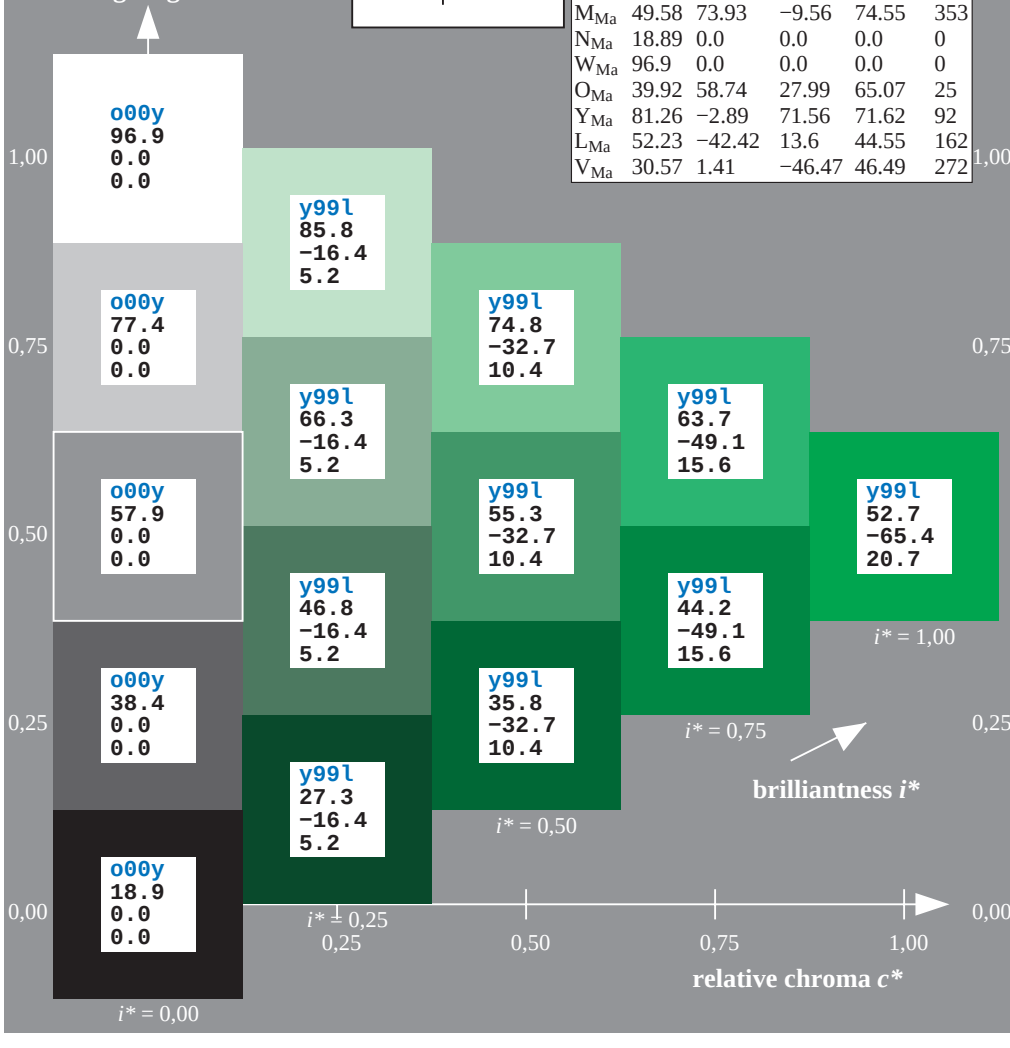
ORS19_96a; adapted (a) CIELAB data

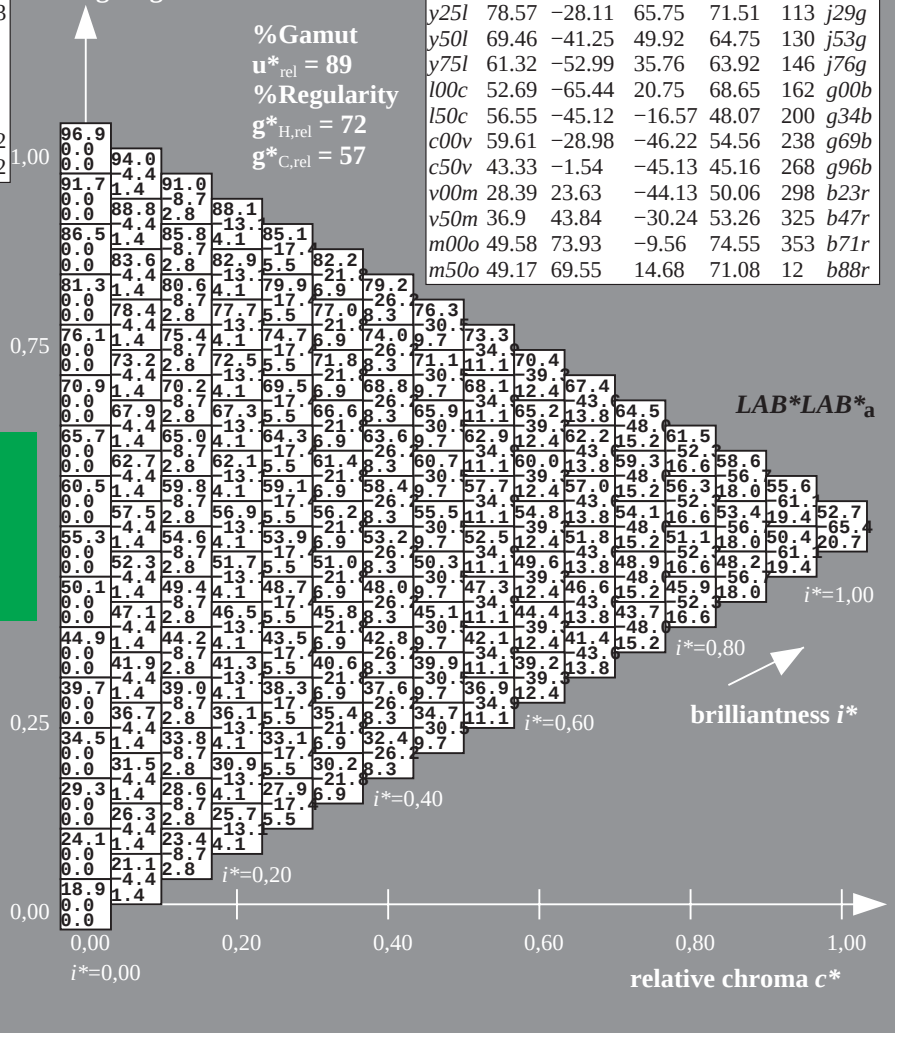
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −65 21
$LAB^*LCH^*_{Ma}$: 53 69 162
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



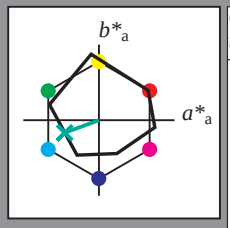


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g34b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

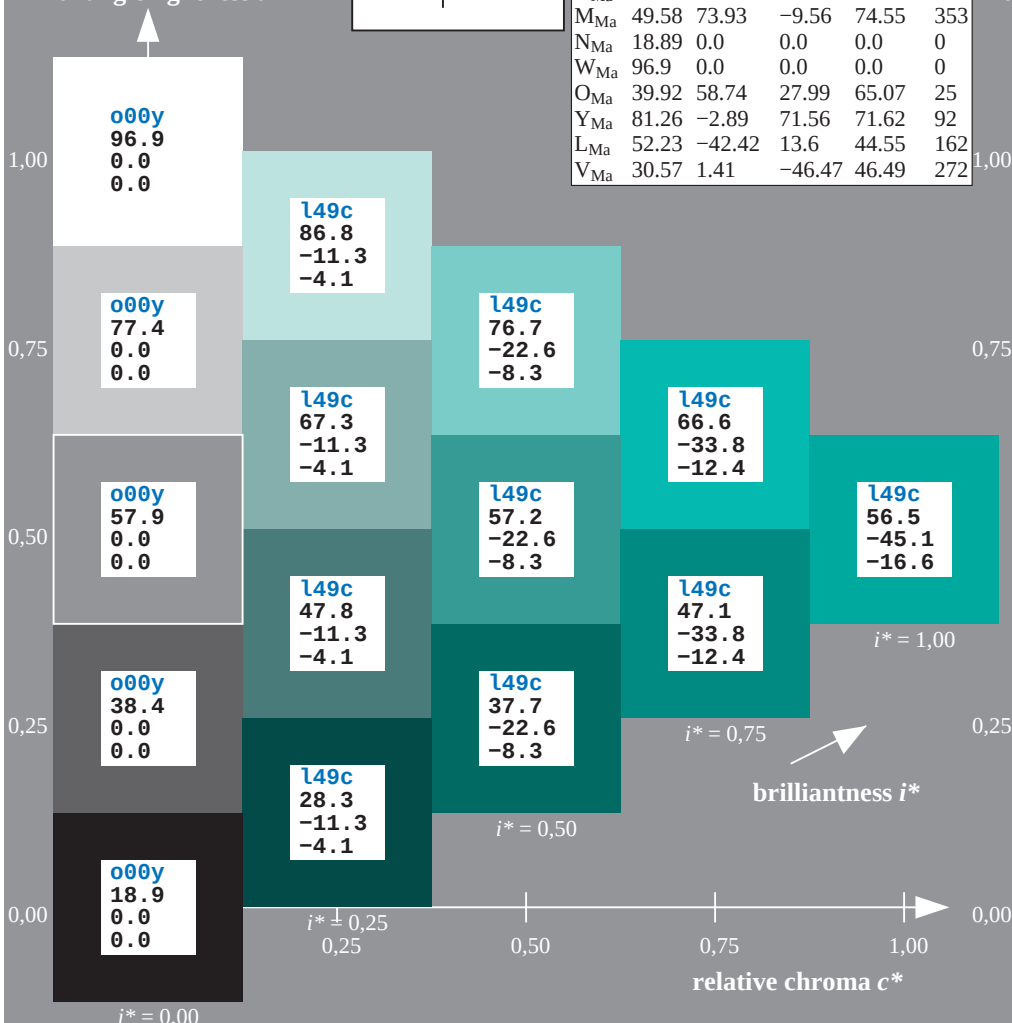
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 57 −45 −17
*LAB*LCH**$_{Ma}$: 57 48 200
*lab*olv**$_{Ma}$: 0.0 1.0 0.5
*lab*rgb**$_{Ma}$: 0.0 1.0 0.69
triangle lightness *t**

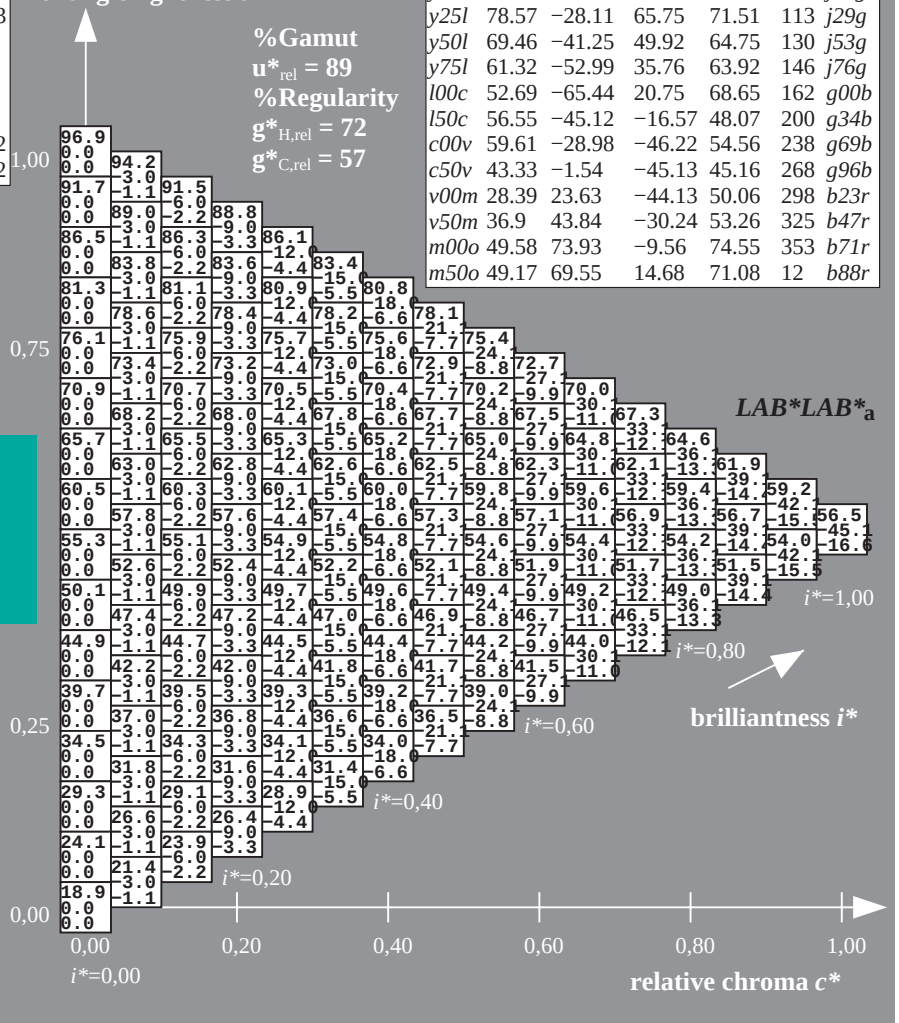
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = l50c$
*LAB*LAB**$_a$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





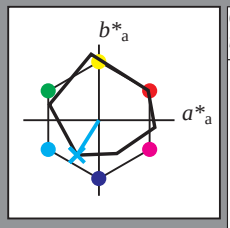
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

$u^*_d = c00v$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



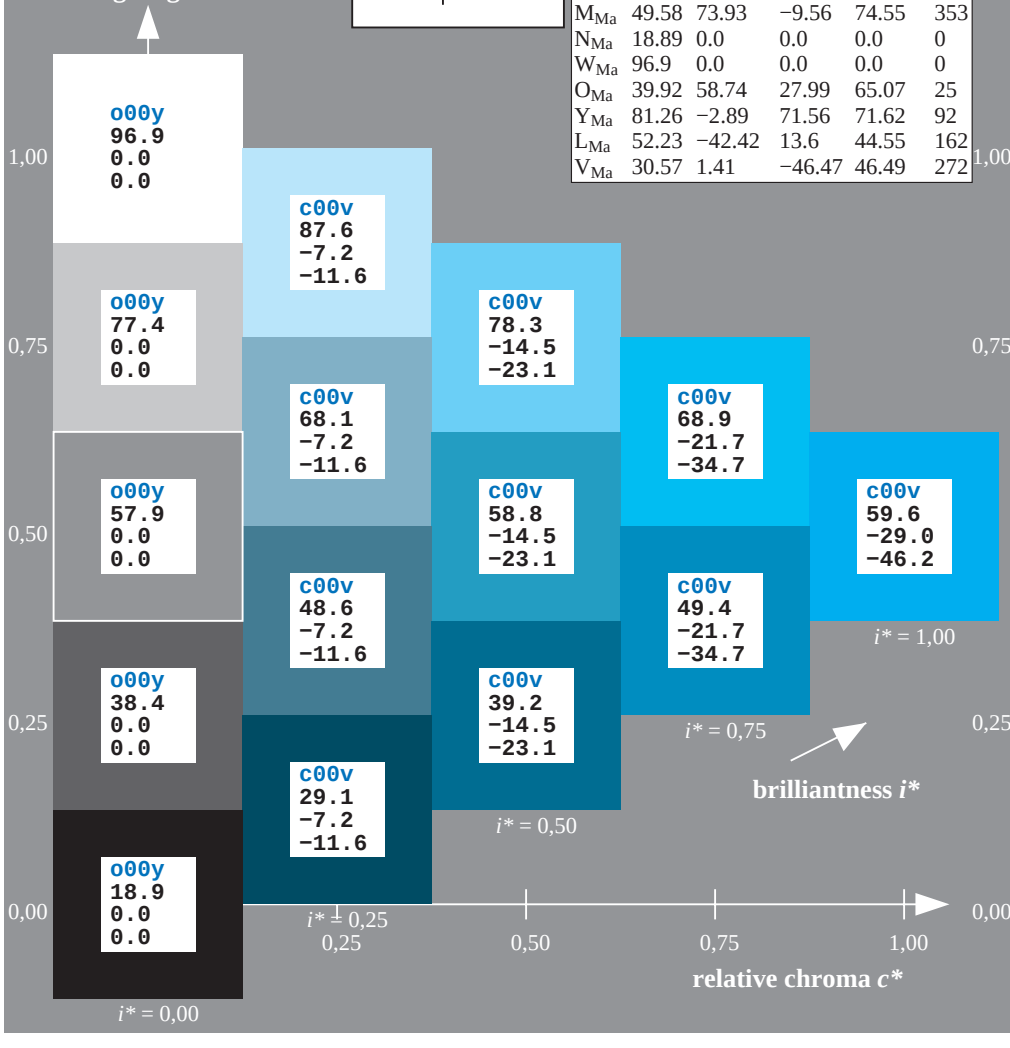
ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

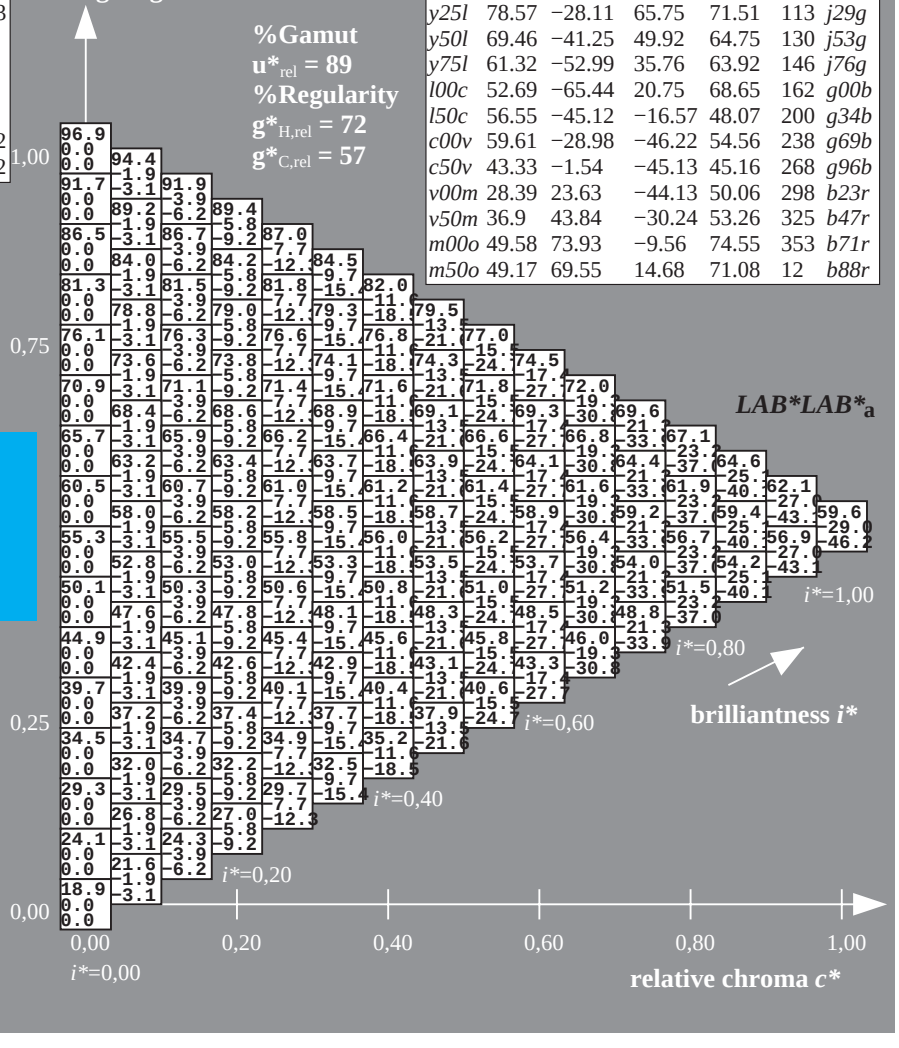
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 60 −29 −46
$LAB^*LCH^*_{Ma}$: 60 55 237
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.62 1.0
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



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

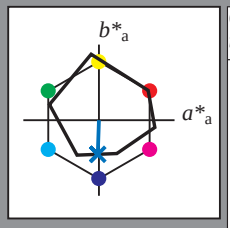


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

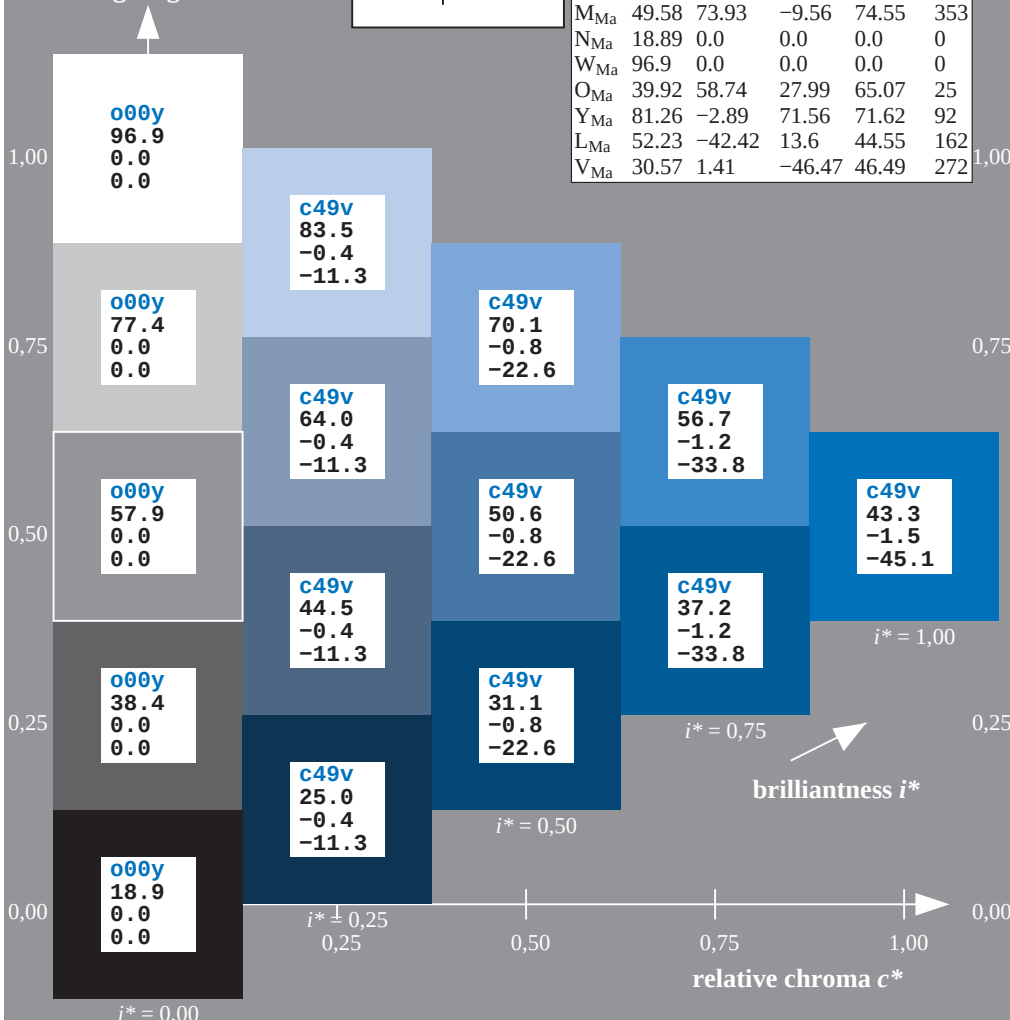
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 43 −2 −45**
***LAB*LCH**$_{Ma}$: 43 45 268**
***lab*olv**$_{Ma}$: 0.0 0.5 1.0**
***lab*rgb**$_{Ma}$: 0.0 0.07 1.0**
triangle lightness *t**

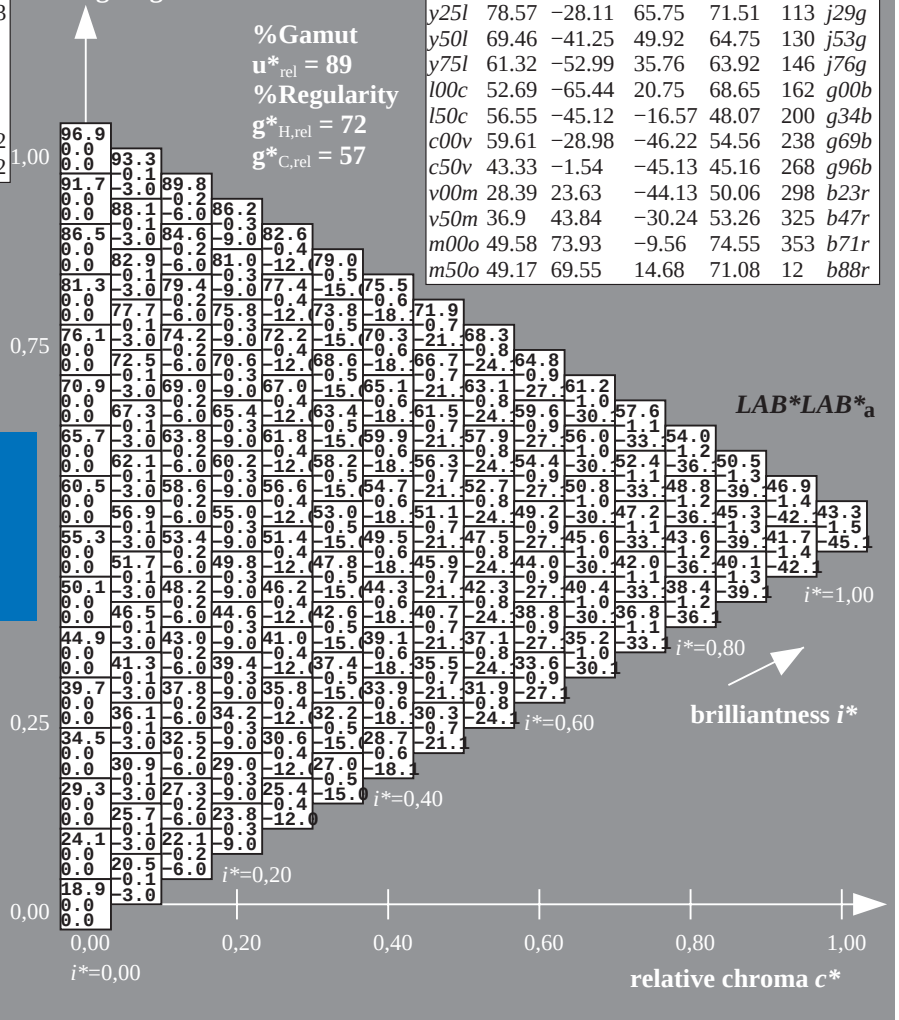
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

$u^*_d = c50v$
***LAB*LAB**$_a$**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





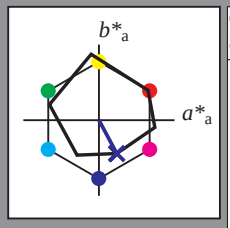
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

$u^*_d = v00m$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



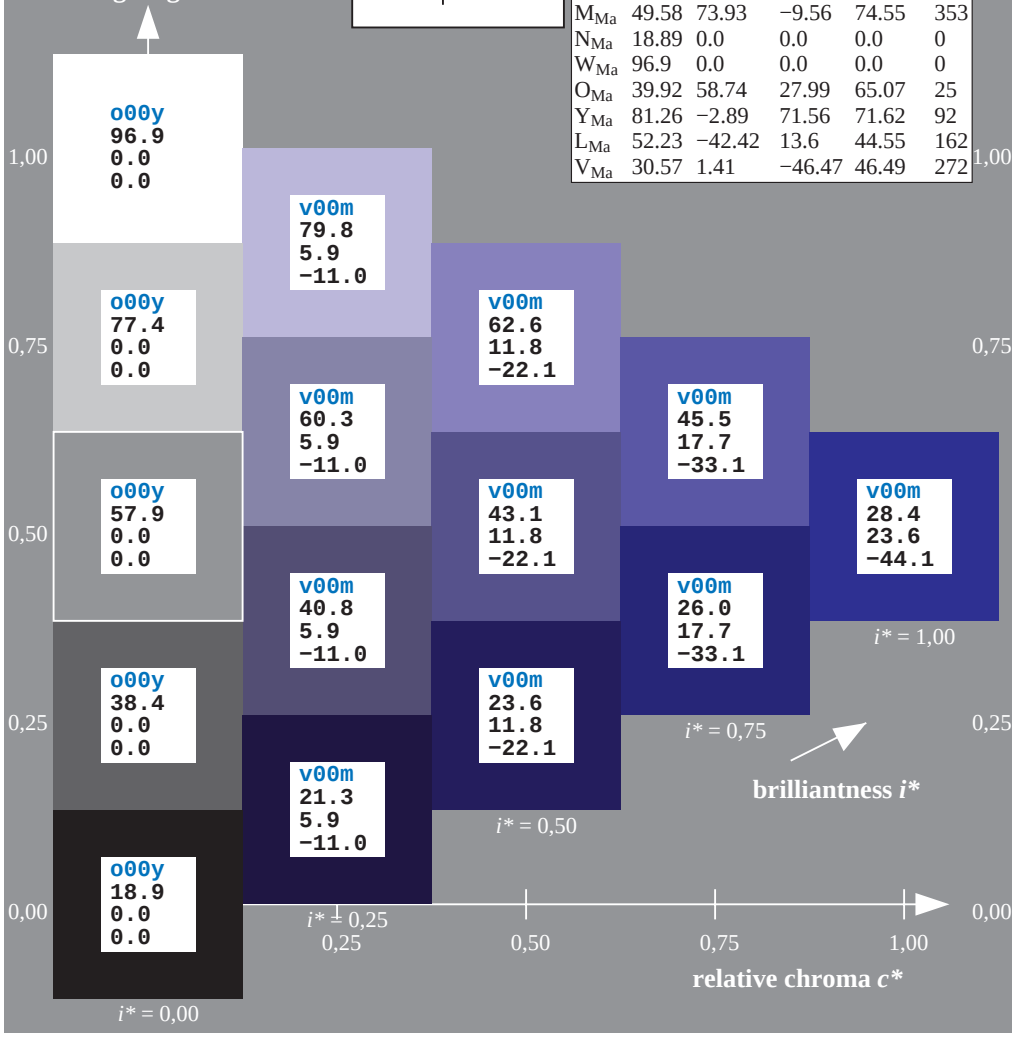
ORS19_96a; adapted (a) CIELAB data

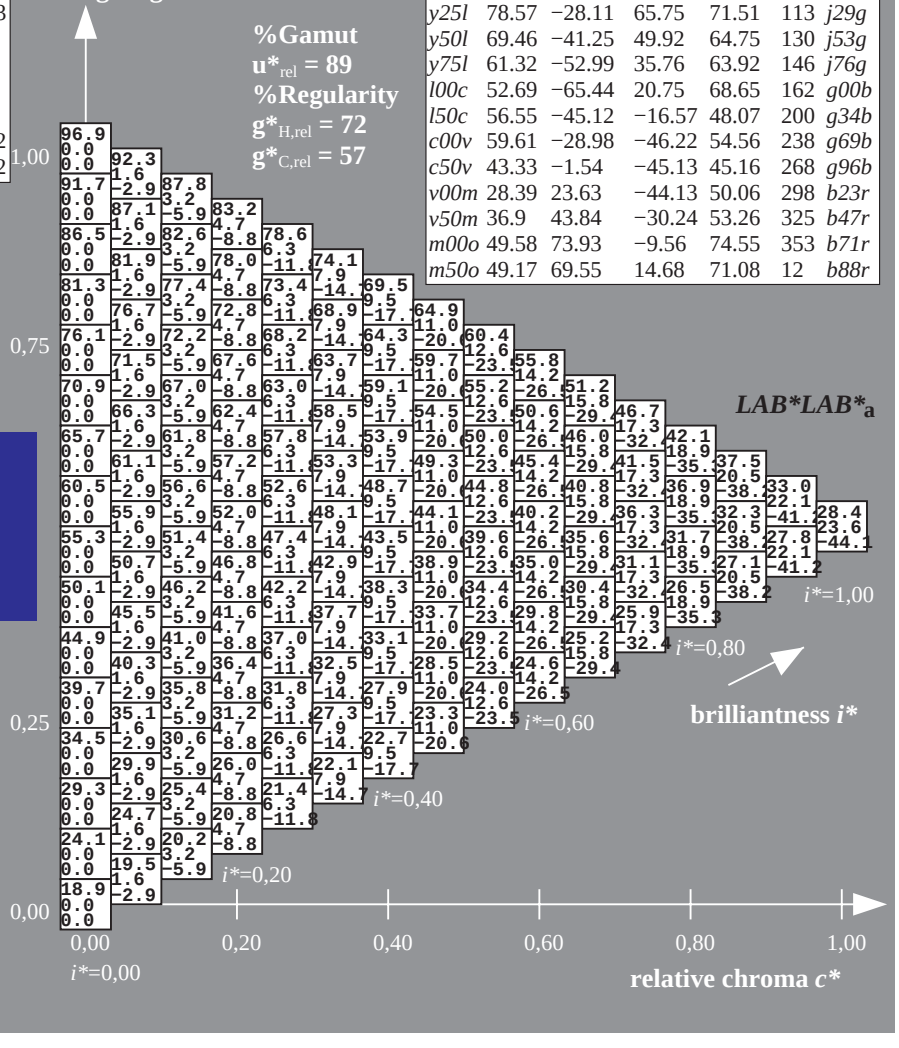
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 28 24 −44
$LAB^*LCH^*_{Ma}$: 28 50 298
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.46 0.0 1.0
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





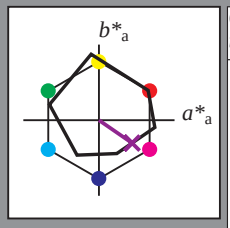
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$

$u^*_d = v50m$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



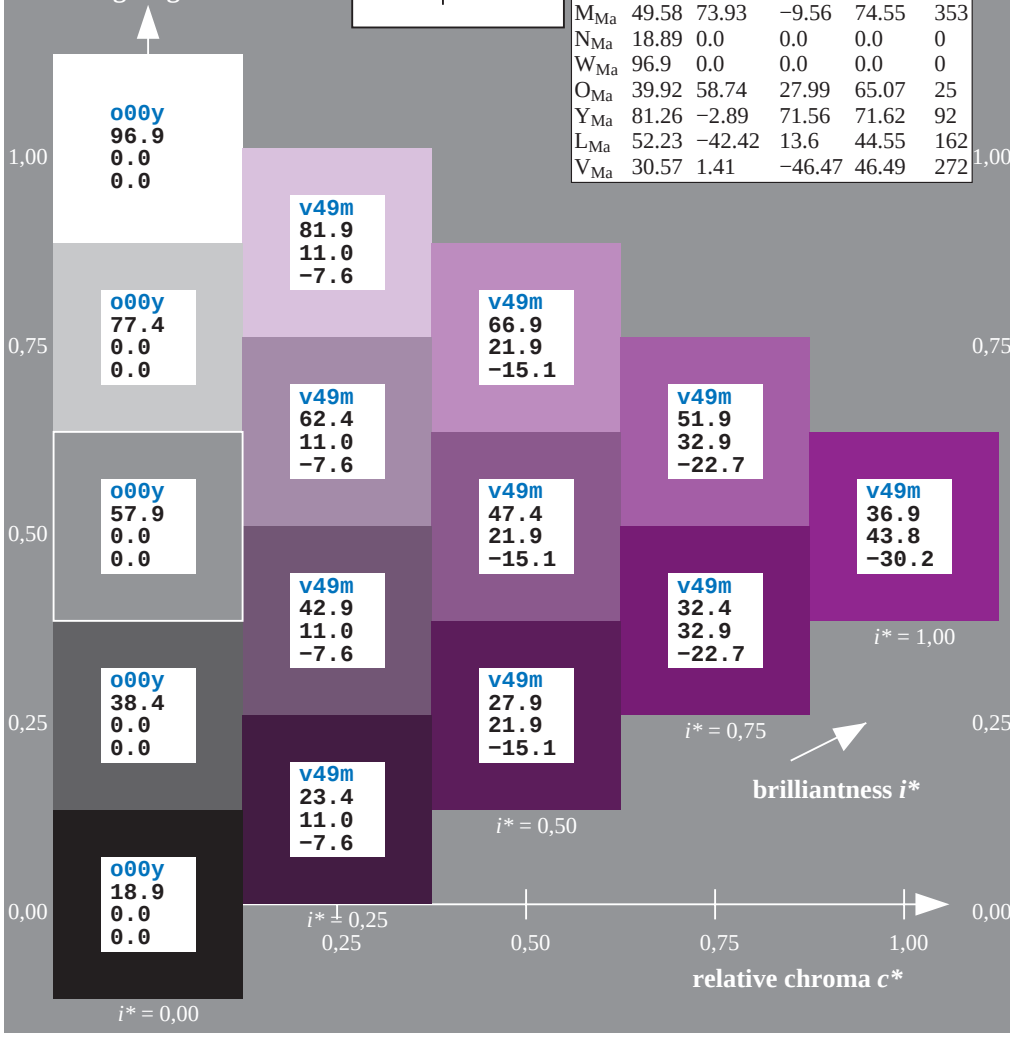
ORS19_96a; adapted (a) CIELAB data

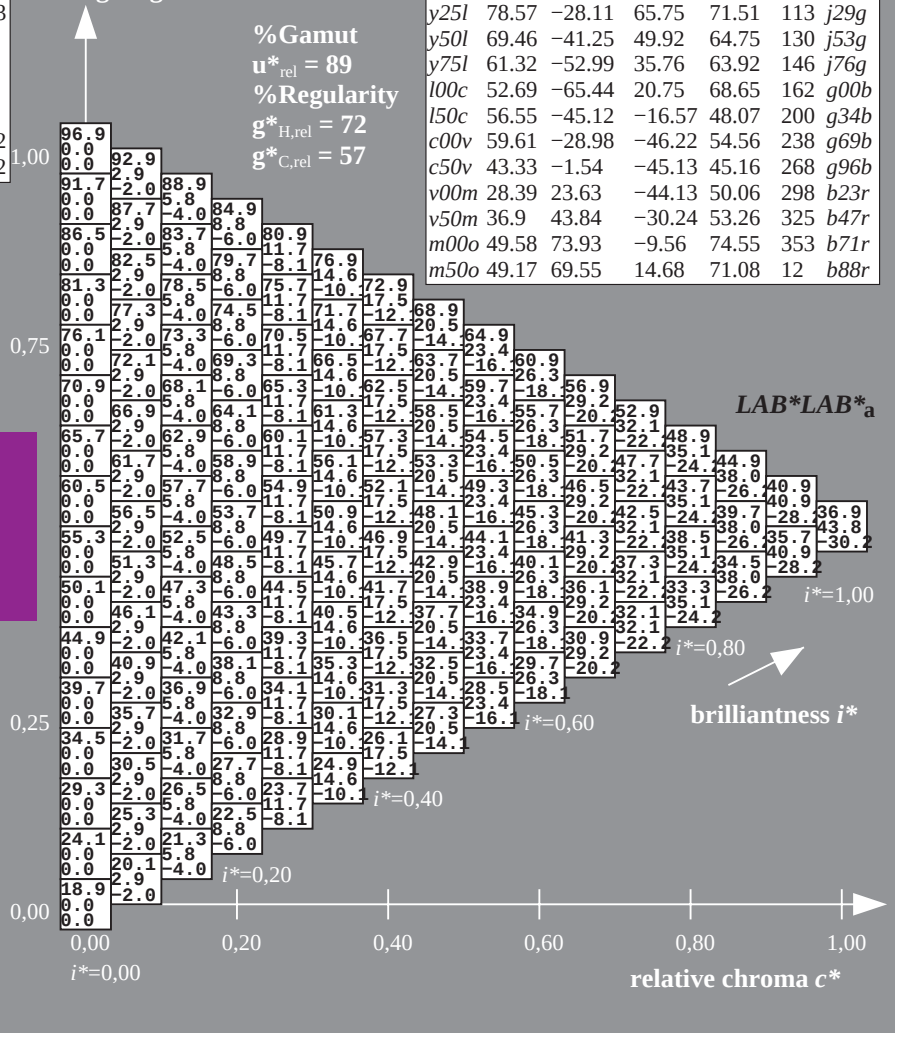
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 37 44 −30
$LAB^*LCH^*_{Ma}$: 37 53 325
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.94 0.0 1.0
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



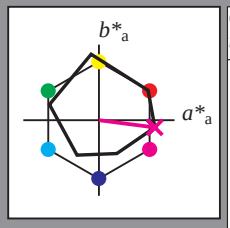


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

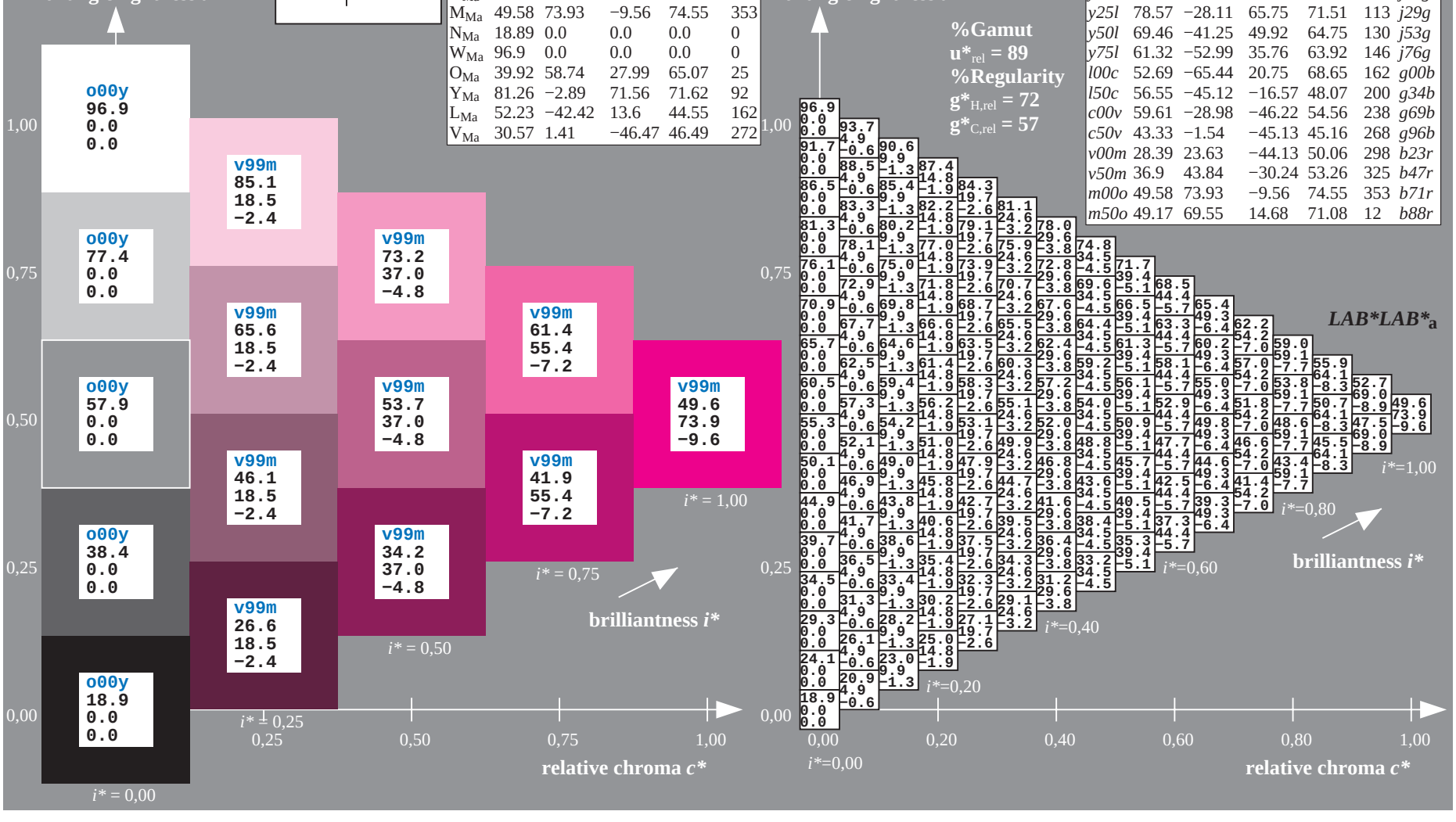
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 50 74 −10
*LAB*LCH**$_{Ma}$: 50 75 352
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.58
triangle lightness *t**

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

u^*_d = *m00o*
*LAB*LAB**$_a$

ORS19_96a; adapted (a) CIELAB data

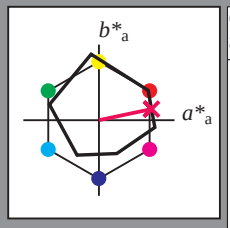
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

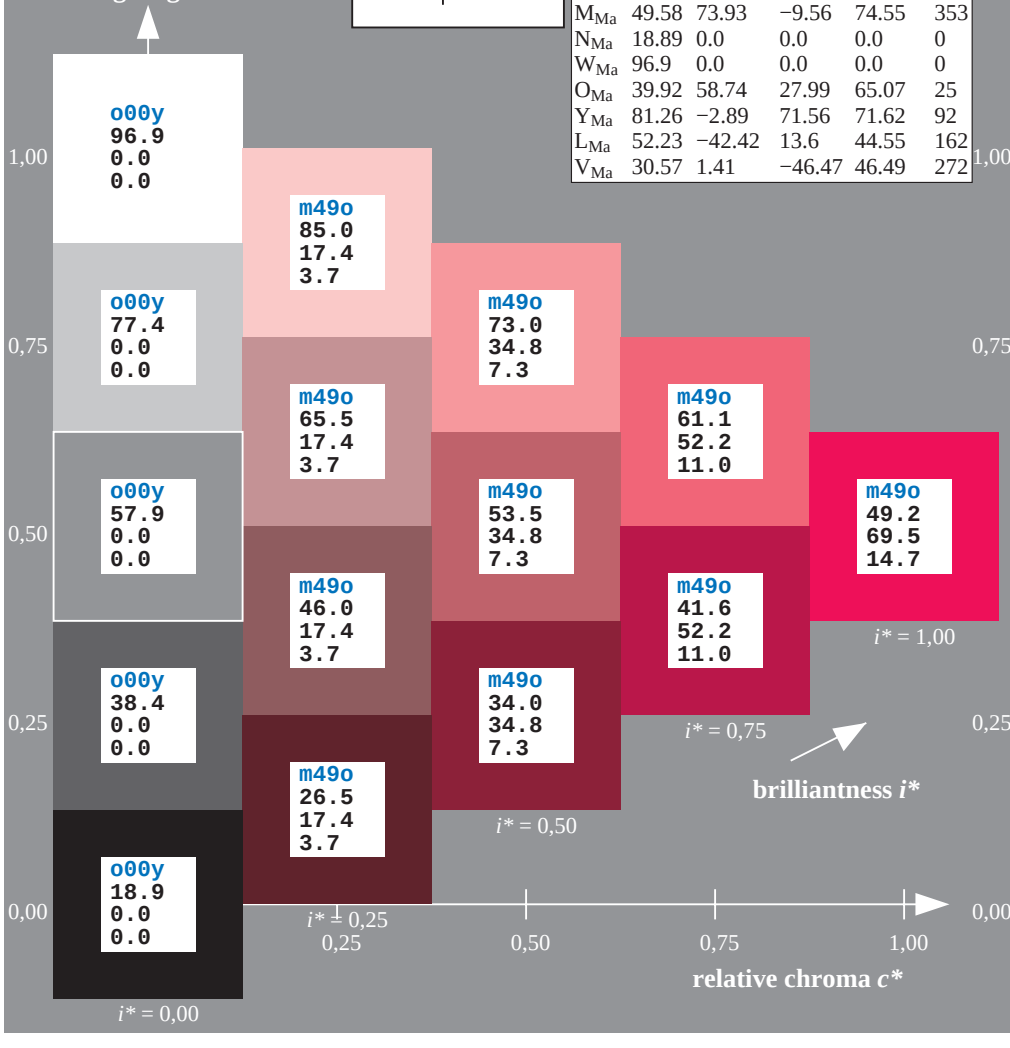
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 70 15
*LAB*LCH**$_{Ma}$: 49 71 11
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.24
triangle lightness *t**

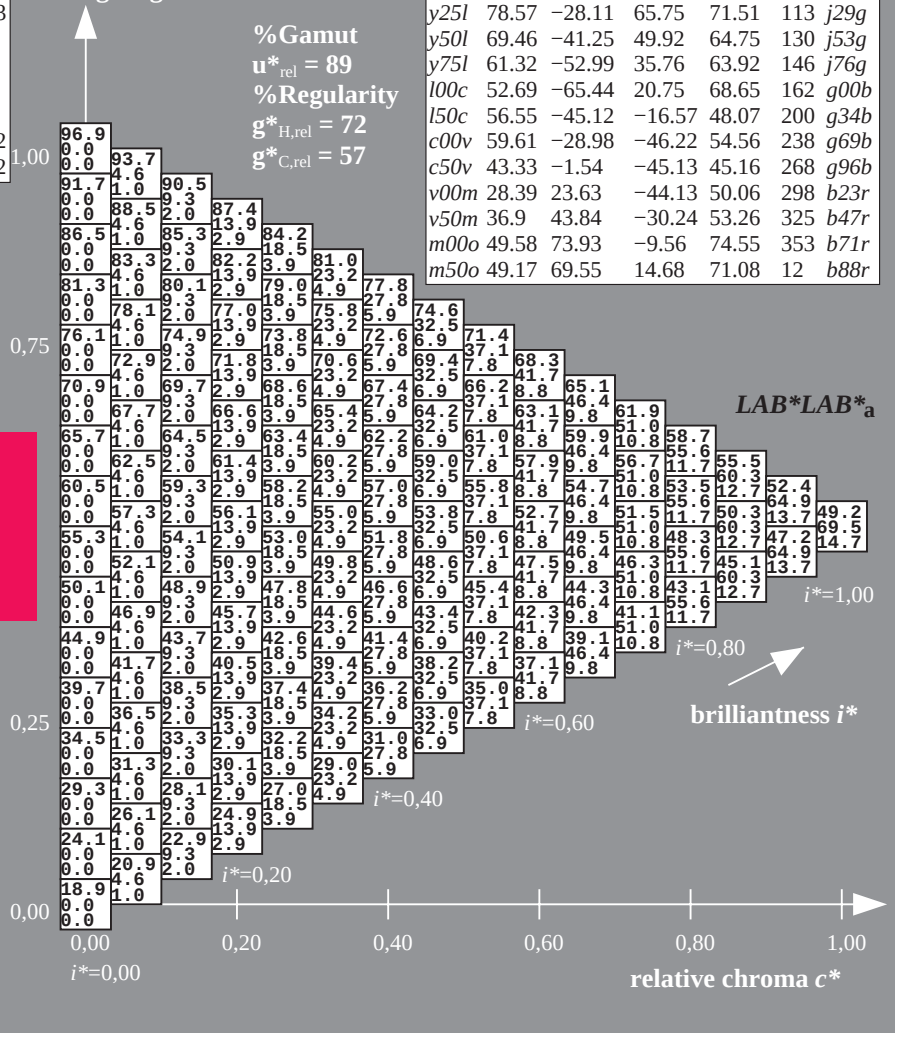
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *m50o*
*LAB*LAB**$_a$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

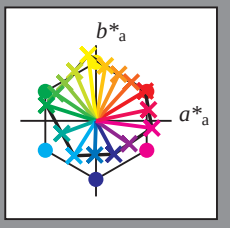
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*a		
01	18.9 0.0 0.0	23.1 -8.2 2.6	27.3 -16.4 5.2	31.6 -24.5 7.8	35.8 -32.7 10.4	40.0 -40.9 13.0	44.2 -49.1 15.6	48.5 -57.3 18.2	52.7 -65.4 20.7	22.6 8.1 4.9	27.9 -1.3 10.9	31.5 -10.3 12.5	35.8 -18.4 15.2	40.1 -26.5 17.9	44.4 -34.6 20.6	48.6 -42.7 23.2	52.9 -50.8 25.9	57.2 -59.0 28.5	26.4 16.3 9.9	31.2 7.5 15.4	36.9 -2.6 21.8	40.1 -12.3 22.5	44.2 -20.6 25.0	48.4 -28.7 27.6	52.7 -36.8 30.3	57.0 -44.9 33.1	61.3 -53.0 35.8	96.9 0.0 0.0	90.9 8.1 4.9	84.9 16.3 9.9	78.8 24.4 14.8	72.8 32.5 19.7	66.8 40.7 24.6	60.8 48.8 29.6	54.8 56.9 34.5	48.7 65.1 39.4	18.9 0.0 0.0	18.9 0.0 0.0	18.9 0.0 0.0	18.9 0.0 0.0
02	20.1 3.0 -5.5	24.0 -3.6 -5.8	28.3 -11.3 -4.1	32.6 -18.9 -2.5	36.9 -26.7 -0.6	41.2 -34.7 1.5	45.5 -42.6 3.7	49.7 -50.7 6.0	54.0 -58.7 8.4	22.7 9.2 -1.2	28.6 0.0 0.0	32.9 -8.2 2.6	37.1 -16.4 5.2	41.3 -24.5 7.8	45.5 -32.7 10.4	49.8 -40.9 13.0	54.0 -49.1 15.6	58.2 -57.3 18.2	26.5 17.4 3.7	32.4 8.1 4.9	37.6 -1.3 10.9	41.3 -10.3 12.5	45.6 -18.4 15.2	49.9 -26.5 17.9	54.1 -34.6 20.6	58.4 -42.7 23.2	62.7 -50.8 25.9	92.2 -3.6 -5.8	87.1 0.0 0.0	81.1 8.1 4.9	75.1 16.3 9.9	69.1 24.4 14.8	63.1 32.5 19.7	57.1 40.7 24.6	51.0 48.8 29.6	45.0 56.9 34.5	28.6 0.0 0.0	28.6 0.0 0.0	28.6 0.0 0.0	28.6 0.0 0.0
03	21.3 5.9 -11.0	25.0 -0.4 -11.3	29.1 -7.2 -11.6	33.4 -15.0 -9.7	37.7 -22.6 -8.3	42.1 -30.2 -6.7	46.4 -37.9 -5.0	50.7 -45.6 -3.2	55.0 -53.5 -1.2	23.4 11.0 -7.6	29.8 3.0 -5.5	33.7 -3.6 -5.8	38.1 -11.3 -4.1	42.4 -18.9 -2.5	46.7 -26.7 -0.6	51.0 -34.7 1.5	55.2 -42.6 3.7	59.5 -50.7 6.0	26.6 18.5 -2.4	32.5 9.2 -1.2	38.4 0.0 0.0	42.6 -8.2 2.6	46.8 -16.4 5.2	51.1 -24.5 7.8	55.3 -32.7 10.4	59.5 -40.9 13.0	63.7 -49.1 15.6	87.6 -7.2 -11.6	82.5 -3.6 -5.8	77.4 0.0 0.0	71.4 8.1 4.9	65.4 16.3 9.9	59.3 24.4 14.8	53.3 32.5 19.7	47.3 40.7 24.6	41.3 48.8 29.6	38.4 0.0 0.0	38.4 0.0 0.0	38.4 0.0 0.0	38.4 0.0 0.0
04	22.5 8.9 -16.5	26.3 2.4 -16.8	29.9 -3.6 -17.0	34.2 -10.9 -17.3	38.4 -18.8 -15.2	42.8 -26.3 -13.8	47.1 -33.8 -12.4	51.5 -41.4 -10.9	55.8 -49.1 -9.3	24.5 13.8 -13.2	31.0 5.9 -11.0	34.8 -0.4 -11.3	38.8 -7.2 -11.6	43.1 -15.0 -9.7	47.5 -22.6 -8.3	51.8 -30.2 -6.7	56.1 -37.9 -5.0	60.4 -45.6 -3.2	26.9 19.4 -9.3	33.1 11.0 -7.6	39.6 3.0 -5.5	43.5 -3.6 -5.8	47.8 -11.3 -4.1	52.1 -18.9 -2.5	56.4 -26.7 -0.6	60.7 -34.7 1.5	65.0 -42.6 3.7	82.9 -10.9 -17.3	77.8 -7.2 -11.6	72.7 -3.6 -5.8	67.6 0.0 0.0	61.6 8.1 4.9	55.6 16.3 9.9	49.6 24.4 14.8	43.6 32.5 19.7	37.6 40.7 24.6	48.1 0.0 0.0	48.1 0.0 0.0	48.1 0.0 0.0	48.1 0.0 0.0
05	23.6 11.8 -22.1	27.6 5.2 -22.3	31.1 -0.8 -22.6	34.8 -7.0 -22.8	39.2 -14.5 -23.1	43.5 -22.5 -20.8	47.8 -30.1 -19.3	52.2 -37.6 -18.0	56.5 -45.1 -16.6	25.7 16.7 -18.7	32.2 8.9 -16.5	36.0 2.4 -16.8	39.6 -3.6 -17.0	43.9 -10.9 -17.3	48.2 -18.8 -15.2	52.5 -26.3 -13.8	56.9 -33.8 -12.4	61.2 -41.4 -10.9	27.9 21.9 -15.1	34.3 13.8 -13.2	40.8 5.9 -11.0	44.5 -0.4 -11.3	48.6 -7.2 -11.6	52.9 -15.0 -9.7	57.2 -22.6 -8.3	61.6 -30.2 -6.7	65.9 -37.9 -5.0	78.3 -14.5 -23.1	73.2 -10.9 -17.3	68.1 -7.2 -11.6	63.0 -3.6 -5.8	57.9 0.0 0.0	51.9 8.1 4.9	45.9 16.3 9.9	39.8 24.4 14.8	33.8 32.5 19.7	57.9 0.0 0.0	57.9 0.0 0.0	57.9 0.0 0.0	57.9 0.0 0.0
06	24.8 14.8 -27.6	28.8 8.0 -27.8	32.4 2.0 -28.1	35.9 -4.0 -28.3	39.8 -10.4 -28.6	44.3 -18.1 -28.9	48.6 -26.2 -26.5	52.9 -33.8 -24.9	57.3 -41.4 -23.5	26.9 19.7 -24.2	33.4 11.8 -22.1	37.3 5.2 -22.3	40.9 -0.8 -22.6	44.5 -7.0 -22.8	49.0 -14.5 -23.1	53.3 -22.5 -20.8	57.6 -30.1 -19.3	61.9 -37.6 -18.0	29.0 24.7 -20.8	35.5 16.7 -18.7	42.0 8.9 -16.5	45.8 2.4 -16.8	49.4 -3.6 -17.0	53.7 -10.9 -17.3	57.9 -18.8 -15.2	62.3 -26.3 -13.8	66.6 -33.8 -12.4	73.6 -18.1 -28.9	68.5 -14.5 -23.1	63.4 -10.9 -17.3	58.3 -7.2 -11.6	53.2 -3.6 -5.8	48.1 0.0 0.0	42.1 8.1 4.9	36.1 16.3 9.9	30.1 24.4 14.8	67.6 0.0 0.0	67.6 0.0 0.0	67.6 0.0 0.0	67.6 0.0 0.0
07	26.0 17.7 -33.1	30.1 10.9 -33.4	33.7 4.8 -33.6	37.2 -1.2 -33.8	40.8 -7.2 -34.1	44.8 -13.9 -34.4	49.4 -21.7 -34.7	53.7 -29.9 -32.2	58.0 -37.6 -30.5	28.1 22.6 -29.7	34.6 14.8 -27.6	38.6 8.0 -27.8	42.2 2.0 -28.1	45.7 -4.0 -28.3	49.5 -10.4 -28.6	54.1 -18.1 -28.9	58.3 -26.2 -26.5	62.7 -33.8 -24.9	30.2 27.6 -26.3	36.6 19.7 -24.2	43.1 11.8 -22.1	47.1 5.2 -22.3	50.6 -0.8 -22.6	54.3 -7.0 -22.8	58.8 -14.5 -23.1	63.0 -22.5 -20.8	67.3 -30.1 -19.3	68.9 -21.7 -34.7	63.8 -18.1 -28.9	58.8 -14.5 -23.1	53.7 -10.9 -17.3	48.6 -7.2 -11.6	43.5 -3.6 -5.8	38.4 0.0 0.0	32.4 8.1 4.9	26.4 16.3 9.9	77.4 0.0 0.0	77.4 0.0 0.0	77.4 0.0 0.0	77.4 0.0 0.0
08	27.2 20.7 -38.6	31.3 13.8 -38.9	35.0 7.6 -39.1	38.5 1.6 -39.4	42.1 -4.3 -39.6	45.8 -10.6 -39.9	49.8 -17.4 -40.1	54.5 -25.4 -40.4	58.7 -33.5 -37.9	29.3 25.6 -35.3	35.8 17.7 -33.1	39.8 10.9 -33.4	43.5 4.8 -33.6	47.0 -1.2 -33.8	50.6 -7.2 -34.1	54.5 -13.9 -34.4	59.2 -21.7 -34.7	63.4 -29.9 -32.2	31.3 30.5 -31.9	37.8 22.6 -29.7	44.3 14.8 -27.6	48.3 8.0 -27.8	51.9 2.0 -28.1	55.5 -4.0 -28.3	59.3 -10.4 -28.6	63.8 -18.1 -28.9	68.1 -26.2 -26.5	64.3 -25.4 -40.4	59.2 -21.7 -34.7	54.1 -18.1 -28.9	49.0 -14.5 -23.1	43.9 -10.9 -17.3	38.8 -7.2 -11.6	33.7 -3.6 -5.8	28.6 0.0 0.0	22.6 8.1 4.9	87.1 0.0 0.0	87.1 0.0 0.0	87.1 0.0 0.0	87.1 0.0 0.0
09	28.4 23.6 -44.1	32.5 16.7 -44.4	36.2 10.4 -44.7	39.8 4.4 -44.9	43.3 -1.5 -45.1	46.9 -7.6 -45.4	50.7 -14.0 -45.6	54.9 -21.0 -45.9	59.6 -29.0 -46.2	30.5 28.5 -40.8	37.0 20.7 -38.6	41.0 13.8 -38.9	44.7 7.6 -39.1	48.3 1.6 -39.4	51.8 -4.3 -39.6	55.5 -10.6 -39.9	59.6 -17.4 -40.1	64.3 -25.4 -40.4	32.5 33.4 -37.4	39.0 25.6 -35.3	45.5 17.7 -33.1	49.6 10.9 -33.4	53.2 4.8 -33.6	56.7 -1.2 -33.8	60.3 -7.2 -34.1	64.3 -13.9 -34.4	68.9 -21.7 -34.7	59.6 -29.0 -46.2	54.5 -25.4 -40.4	49.4 -21.7 -34.7	44.3 -18.1 -28.9	39.2 -14.5 -23.1	34.2 -10.9 -17.3	29.1 -7.2 -11.6	24.0 -3.6 -5.8	18.9 0.0 0.0	96.9 0.0 0.0	96.9 0.0 0.0	96.9 0.0 0.0	96.9 0.0 0.0
10	30.1 24.4 14.8	35.1 15.4 20.5	39.8 7.0 25.8	45.9 -3.9 32.7	48.7 -14.1 32.9	52.6 -22.7 34.9	56.8 -30.9 37.4	61.1 -39.1 40.1	65.4 -47.2 42.8	33.8 32.5 19.7	39.0 23.3 25.6	43.6 15.0 30.8	48.6 6.2 36.4	54.9 -5.1 43.6	57.5 -15.7 43.4	61.2 -24.6 45.1	65.3 -33.0 47.4	69.5 -41.2 49.9	37.6 40.7 24.6	42.8 31.3 30.6	47.5 22.9 35.9	52.2 14.6 41.2	57.4 5.3 47.1	63.9 -6.4 54.5	66.3 -17.2 54.0	69.9 -26.4 55.4	73.8 -35.0 57.4	96.9 0.0 0.0	96.2 -1.3 10.9	95.4 -2.6 21.8	94.7 -3.9 32.7	93.9 -5.1 43.6	93.2 -6.4 54.5	92.4 -7.7 65.4	91.7 -9.0 76.3	90.9 -10.3 87.2	18.9 0.0 0.0	18.9 0.0 0.0	18.9 0.0 0.0	18.9 0.0 0.0
11	30.2 25.5 8.5	36.1 16.3 9.9	41.0 7.5 15.4	46.6 -2.6 21.8	49.8 -12.3 22.5	53.9 -20.6 25.0	58.2 -28.7 27.6	62.5 -36.8 30.3	66.8 -44.9 33.1	33.9 33.7 13.3	39.8 24.4 14.8	44.9 15.4 20.5	49.6 7.0 25.8	55.7 -3.9 32.7	58.5 -14.1 32.9	62.4 -22.7 34.9	66.6 -30.9 37.4	70.8 -39.1 40.1	37.7 41.8 18.2	43.6 32.5 19.7	48.7 23.3 25.6	53.4 15.0 30.8	58.3 6.2 36.4	64.7 -5.1 43.6	67.3 -15.7 43.4	71.0 -24.6 45.1	75.0 -33.0 47.4	88.3 3.0 -5.5	87.1 0.0 0.0	86.4 -1.3 10.9	85.7 -2.6 21.8	84.9 -3.9 32.7	84.2 -5.1 43.6	83.4 -6.4 54.5	82.7 -7.7 65.4	81.9 -9.0 76.3	24.1 0.0 0.0	24.1 0.0 0.0	24.1 0.0 0.0	24.1 0.0 0.0
12	30.3 26.6 2.6	36.2 17.4 3.7	42.1 8.1 4.9	47.4 -1.3 10.9	51.0 -10.3 12.5	55.3 -18.4 15.2	59.6 -26.5 17.9	63.9 -34.6 20.6	68.2 -42.7 23.2	34.0 34.8 7.3	39.9 25.5 8.5	45.9 16.3 9.9	50.8 7.5 15.4	56.4 -2.6 21.8	59.6 -12.3 22.5	63.7 -20.6 25.0	67.9 -28.7 27.6	72.2 -36.8 30.3	37.8 42.9 12.1	43.7 33.7 13.3	49.6 24.4 14.8	54.6 15.4 20.5	59.3 7.0 25.8	65.4 -3.9 32.7	68.2 -14.1 32.9	72.1 -22.7 34.9	76.3 -30.9 37.4	79.8 5.9 -11.0	78.6 3.0 -5.5	77.4 0.0 0.0	76.6 -1.3 10.9	75.9 -2.6 21.8	75.2 -3.9 32.7	74.4 -5.1 43.6	73.7 -6.4 54.5	72.9 -7.7 65.4	29.3 0.0 0.0	29.3 0.0 0.0	29.3 0.0 0.0	29.3 0.0 0.0
13	30.4 27.7 -3.6	36.3 18.5 -2.4	42.2 9.2 -1.2	48.1 0.0 0.0	52.4 -8.2 2.6	56.6 -16.4 5.2	60.8 -24.5 7.8	65.0 -32.7 10.4	69.3 -40.9 13.0	34.1 35.8 1.4	40.0 26.6 2.6	46.0 17.4 3.7	51.9 8.1 4.9	57.1 -1.3 10.9	60.8 -10.3 12.5	65.1 -18.4 15.2	69.4 -26.5 17.9	73.6 -34.6 20.6	37.9 44.0 6.2	43.8 34.8 7.3	49.7 25.5 8.5	55.6 16.3 9.9	60.5 7.5 15.4	66.2 -2.6 21.8	69.3 -12.3 22.5	73.4 -20.6 25.0	77.7 -28.7 27.6	71.2 8.9 -16.5	70.0 5.9 -11.0	68.8 3.0 -5.5	67.6 0.0 0.0	66.9 -1.3 10.9	66.2 -2.6 21.8	65.4 -3.9 32.7	64.7 -5.1 43.6	63.9 -6.4 54.5	34.5 0.0 0.0	34.5 0.0 0.0	34.5 0.0 0.0	34.5 0.0 0.0
14	30.5 28.2 -10.8	36.7 19.4 -9.3	42.9 11.0 -7.6	49.3 3.0 -5.5	53.2 -3.6 -5.8	57.6 -11.3 -4.1	61.9 -18.9 -2.5	66.2 -26.7 -0.6	70.5 -34.7 1.5	34.2 37.0 -4.8	40.1 27.7 -3.6	46.1 18.5 -2.4	52.0 9.2 -1.2	57.9 0.0 0.0	62.1 -8.2 2.6	66.3 -16.4 5.2	70.6 -24.5 7.8	74.8 -32.7 10.4	38.0 45.1 0.3	43.9 35.8 1.4	49.8 26.6 2.6	55.7 17.4 3.7	61.6 8.1 4.9	66.9 -1.3 10.9	70.5 -10.3 12.5	74.8 -18.4 15.2	79.1 -26.5 17.9	62.6 11.8 -22.1	61.5 8.9 -16.5	60.3 5.9 -11.0	59.1 3.0 -5.5	57.9 0.0 0.0	57.1 -1.3 10.9	56.4 -2.6 21.8	55.7 -3.9 32.7	54.9 -5.1 43.6	39.7 0.0 0.0	39.7 0.0 0.0	39.7 0.0 0.0	39.7 0.0 0.0
15	31.4 30.3 -16.9	37.6 21.9 -15.1	44.0 13.8 -13.2	50.5 5.9 -11.0	54.3 -0.4 -11.3	58.3 -7.2 -11.6	62.6 -15.0 -9.7	67.0 -22.6 -8.3	71.3 -30.2 -6.7	34.2 37.1 -12.2	40.3 28.2 -10.8	46.4 19.4 -9.3	52.6 11.0 -7.6	59.1 3.0 -5.5	63.0 -3.6 -5.8	67.3 -11.3 -4.1	71.6 -18.9 -2.5	75.9 -26.7 -0.6	38.1 46.2 -6.0	44.0 37.0 -4.8	49.9 27.7 -3.6	55.8 18.5 -2.4	61.7 9.2 -1.2	67.6 0.0 0.0	71.9 -8.2 2.6	76.1 -16.4 5.2	80.3 -24.5 7.8	54.1 14.8 -27.6	52.9 11.8 -22.1	51.7 8.9 -16.5	50.5 5.9 -11.0	49.3 3.0 -5.5	48.1 0.0 0.0	47.4 -1.3 10.9	46.6 -2.6 21.8	45.9 -3.9 32.7	44.9 0.0 0.0	44.9 0.0 0.0	44.9 0.0 0.0	44.9 0.0 0.0
16	32.4 32.9 -22.7	38.8 24.7 -20.8	45.2 16.7 -18.7	51.7 8.9 -16.5	55.5 2.4 -16.8	59.1 -3.6 -17.0	63.4 -10.9 -17.3	67.7 -18.8 -15.2	72.0 -26.3 -13.8	34.9 38.9 -18.6	41.1 30.3 -16.9	47.4 21.9 -15.1	53.8 13.8 -13.2	60.3 5.9 -11.0	64.0 -0.4 -11.3	68.1 -7.2 -11.6	72.4 -15.0 -9.7	76.7 -22.6 -8.3	38.0 46.1 -13.6	44.0 37.1 -12.2	50.0 28.2 -10.8	56.2 19.4 -9.3	62.4 11.0 -7.6	68.8 3.0 -5.5	72.7 -3.6 -5.8	77.1 -11.3 -4.1	81.4 -18.9 -2.5	45.5 17.7 -33.1	44.3 14.8 -27.6	43.1 11.8 -22.1	42.0 8.9 -16.5	40.8 5.9 -11.0	39.6 3.0 -5.5	38.4 0.0 0.0	37.6 -1.3 10.9	36.9 -2.6 21.8	50.1 0.0 0.0	50.1 0.0 0.0	50.1 0.0 0.0	50.1 0.0 0.0
17	33.5 35.6 -28.3	39.9 27.6 -26.3	46.4 19.7 -24.2	52.9 11.8 -22.1	56.8 5.2 -22.3	60.4 -0.8 -22.6	64.0 -7.0 -22.8	68.5 -14.5 -23.1	72.8 -22.5 -20.8	35.9 41.2 -24.5	42.2 32.9 -22.7	48.5 24.7 -20.8	55.0 16.7 -18.7	61.5 8.9 -16.5	65.3 2.4 -16.8	68.9 -3.6 -17.0	73.2 -10.9 -17.3	77.4 -18.8 -15.2	38.5 47.6 -20.1	44.7 38.9 -18.6	50.9 30.3 -16.9	57.1 21.9 -15.1	63.5 13.8 -13.2	70.0 5.9 -11.0	73.8 -0.4 -11.3	77.8 -7.2 -11.6	82.1 -15.0 -9.7	37.0 20.7 -38.6	35.8 17.7 -33.1	34.6 14.8 -27.6	33.4 11.8 -22.1	32.2 8.9 -16.5	31.0 5.9 -11.0	29.8 3.0 -5.5	28.6 0.0 0.0	27.9 -1.3 10.9	55.3 0.0 0.0	55.3 0.0 0.0	55.3 0.0 0.0	55.3 0.0 0.0
18	34.6 38.5 -33.9	41.1 30.5 -31.9	47.6 22.6 -29.7	54.1 14.8 -27.6	58.1 8.0 -27.8	61.7 2.0 -28.1	65.2 -4.0 -28.3	69.0 -10.4 -28.6	73.6 -18.1 -28.9	36.9 43.8 -30.2	43.3 35.6 -28.3	49.7 27.6 -26.3	56.1 19.7 -24.2	62.6 11.8 -22.1	66.6 5.2 -22.3	70.1 -0.8 -22.6	73.8 -7.0 -22.8	78.3 -14.5 -23.1	39.4 49.7 -26.2	45.6 41.2 -24.5	51.9 32.9 -22.7	58.3 24.7 -20.8	64.7 16.7 -18.7	71.2 8.9 -16.5	75.1 2.4 -16.8	78.6 -3.6 -17.0	82.9 -10.9 -17.3	28.4 23.6 -44.1	27.2 20.7 -38.6	26.0 17.7 -33.1	24.8 14.8 -27.6	23.6 11.8 -22.1	22.5 8.9 -16.5	21.3 5.9 -11.0	20.1 3.0 -5.5	18.9 0.0 0.0	60.5 0.0 0.0	60.5 0.0 0.0	60.5 0.0 0.0	60.5 0.0 0.0
19	41.3 48.8 29.6	46.6 39.3 35.6	51.3 30.8 41.0	56.0 22.6 46.2	60.8 14.0 51.7	66.2 4.2 57.8	72.9 -7.7 65.4	75.2 -18.7 64.7	78.6 -28.1 65.8	45.0 56.9 34.5	50.4 47.4 40.6	55.2 38.7 46.1	59.8 30.5 51.3	64.5 22.1 56.6	69.5 13.2 62.2	75.1 3.2 68.6	81.9 -9.0 76.3	84.1 -20.1 75.4	48.7 65.1 39.4	54.1 55.4 45.5	59.0 46.7 51.1	63.7 38.3 56.4	68.3 30.1 61.6	73.1 21.6 67.0	78.2 12.4 72.9	84.0 2.0 79.4	90.9 -10.3 87.2	96.9 0.0 0.0	91.4 -8.2 2.6	85.8 -16.4 5.2	80.3 -24.5 7.8	74.8 -32.7 10.4	69.3 -40.9 13.0	63.7 -49.1 15.6	58.2 -57.3 18.2	52.7 -65.4 20.7	65.7 0.0 0.0	65.7 0.0 0.0	65.7 0.0 0.0	65.7 0.0 0.0
20	41.4 50.0 23.1	47.3 40.7 24.6	52.5 31.3 30.6	57.2 22.9 35.9	61.9 14.6 41.2	67.1 5.3 47.1	73.7 -6.4 54.5	76.1 -17.2 54.0	79.6 -26.4 55.4	45.1 58.1 28.0	51.0 48.8 29.6	56.3 39.3 35.6	61.1 30.8 41.0	65.7 22.6 46.2	70.5 14.0 51.7	76.0 4.2 57.8	82.7 -7.7 65.4	85.0 -18.7 64.7	48.9 66.3 32.9	54.8 56.9 34.5	60.1 47.4 40.6	65.0 38.7 46.1	69.6 30.5 51.3	74.3 22.1 56.6	79.2 13.2 62.2	84.9 3.2 68.6	91.7 -9.0 76.3	91.0 9.2 -1.2	87.1 0.0 0.0	81.6 -8.2 2.6	76.1 -16.4 5.2	70.6 -24.5 7.8	65.0 -32.7 10.4	59.5 -40.9 13.0	54.0 -49.1 15.6	48.5 -57.3 18.2	70.9 0.0 0.0	70.9 0.0 0.0	70.9 0.0 0.0	70.9 0.0 0.0
21	41.5 51.1 16.9	47.4 41.8 18.2	53.3 32.5 19.7	58.5 23.3 25.6	63.1 15.0 30.8	68.1 6.2 36.4	74.4 -5.1 43.6	77.0 -15.7 43.4	80.7 -24.6 45.1	45.2 59.2 21.8	51.1 50.0 23.1	57.1 40.7 24.6	62.3 31.3 30.6	67.0 22.9 35.9	71.7 14.6 41.2	76.9 5.3 47.1	83.4 -6.4 54.5	85.8 -17.2 54.0	49.0 67.4 26.6	54.9 58.1 28.0	60.8 48.8 29.6	66.1 39.3 35.6	70.8 30.8 41.0	75.5 22.6 46.2	80.3 14.0 51.7	85.7 4.2 57.8	92.4 -7.7 65.4	85.1 18.5 -2.4	81.2 9.2 -1.2	77.4 0.0 0.0	71.9 -8.2 2.6	66.3 -16.4 5.2	60.8 -24.5 7.8	55.3 -32.7 10.4	49.8 -40.9 13.0	44.2 -49.1 15.6	76.1 0.0 0.0	76.1 0.0 0.0	76.1 0.0 0.0	76.1 0.0 0.0
22	41.6 52.2 11.0	47.5 42.9 12.1	53.4 33.7 13.3	59.3 24.4 14.8	64.4 15.4 20.5	69.1 7.0 25.8	75.2 -3.9 32.7	78.0 -14.1 32.9	81.9 -22.7 34.9	45.3 60.3 15.8	51.3 51.1 16.9	57.2 41.8 18.2	63.1 32.5 19.7	68.2 23.3 25.6	72.9 15.0 30.8	77.8 6.2 36.4	84.2 -5.1 43.6	86.8 -15.7 43.4	49.1 68.5 20.6	55.0 59.2 21.8	60.9 50.0 23.1	66.8 40.7 24.6	72.0 31.3 30.6	76.7 22.9 35.9	81.4 14.6 41.2	86.6 5.3 47.1	93.2 -6.4 54.5	79.2 27.7 -3.6	75.3 18.5 -2.4	71.5 9.2 -1.2	67.6 0.0 0.0	62.1 -8.2 2.6	56.6 -16.4 5.2	51.1 -24.5 7.8	45.5 -32.7 10.4	40.0 -40.9 13.0	81.3 0.0 0.0	81.3 0.0 0.0	81.3 0.0 0.0	81.3 0.0 0.0
23	41.7 53.2 5.1	47.6 44.0 6.2	53.5 34.8 7.3	59.4 25.5 8.5	65.4 16.3 9.9	70.3 7.5 15.4	75.9 -2.6 21.8	79.1 -12.3 22.5	83.2 -20.6 25.0	45.4 61.4 9.9	51.4 52.2 11.0	57.3 42.9 12.1	63.2 33.7 13.3	69.1 24.4 14.8	74.1 15.4 20.5	78.8 7.0 25.8	84.9 -3.9 32.7	87.7 -14.1 32.9	49.2 69.5 14.7	55.1 60.3 15.8	61.0 51.1 16.9	66.9 41.8 18.2	72.8 32.5 19.7	78.0 23.3 25.6	82.6 15.0 30.8	87.6 6.2 36.4	93.9 -5.1 43.6	73.2 37.0 -4.8	69.4 27.7 -3.6	65.6 18.5 -2.4	61.7 9.2 -1.2	57.9 0.0 0.0	52.4 -8.2 2.6	46.8 -16.4 5.2	41.3 -24.5 7.8	35.8 -32.7 10.4	86.5 0.0 0.0	86.5 0.0 0.0	86.5 0.0 0.0	86.5 0.0 0.0
24	41.8 54.3 -0.9	47.7 45.1 0.3	53.6 35.8 1.4	59.5 26.6 2.6	65.5 17.4 3.7	71.4 8.1 4.9	76.6 -1.3 10.9	80.3 -10.3 12.5	84.6 -18.4 15.2	45.5 62.5 4.0	51.5 53.2 5.1	57.4 44.0 6.2	63.3 34.8 7.3	69.2 25.5 8.5	75.1 16.3 9.9	80.0 7.5 15.4	85.7 -2.6 21.8	88.8 -12.3 22.5	49.3 70.6 8.8	55.2 61.4 9.9	61.1 52.2 11.0	67.0 42.9 12.1	72.9 33.7 13.3	78.8 24.4 14.8	83.9 15.4 20.5	88.6 7.0 25.8	94.7 -3.9 32.7	67.3 46.2 -6.0	63.5 37.0 -4.8	59.7 27.7 -3.6	55.8 18.5 -2.4	52.0 9.2 -1.2	48.1 0.0 0.0	42.6 -8.2 2.6	37.1 -16.4 5.2	31.6 -24.5 7.8	91.7 0.0 0.0	91.7 0.0 0.0	91.7 0.0 0.0	91.7 0.0 0.0
25	41.9 55.4 -7.2	47.8 46.2 -6.0	53.7 37.0 -4.8	59.7 27.7 -3.6	65.6 18.5 -2.4	71.5 9.2 -1.2	77.4 0.0 0.0	81.6 -8.2 2.6	85.8 -16.4 5.2	45.6 63.5 -2.1	51.6 54.3 -0.9	57.5 45.1 0.3	63.4 35.8 1.4	69.3 26.6 2.6	75.2 17.4 3.7	81.1 8.1 4.9	86.4 -1.3 10.9	90.0 -10.3 12.5	49.4 71.7 2.8	55.3 62.5 4.0	61.2 53.2 5.1	67.1 44.0 6.2	73.0 34.8 7.3	79.0 25.5 8.5	84.9 16.3 9.9	89.8 7.5 15.4	95.4 -2.6 21.8	61.4 55.4 -7.2	57.6 46.2 -6.0	53.7 37.0 -4.8	49.9 27.7 -3.6	46.1 18.5 -2.4	42.2 9.2 -1.2	38.4 0.0 0.0	32.9 -8.2 2.6	27.3 -16.4 5.2	96.9 0.0 0.0	96.9 0.0 0.0	96.9 0.0 0.0	96.9 0.0 0.0
26	41.7 55.1 -14.9	47.7 46.1 -13.6	53.7 37.1 -12.2	59.8 28.2 -10.8	65.9 19.4 -9.3	72.1 11.0 -7.6	78.6 3.0 -5.5	82.5 -3.6 -5.8	86.8 -11.3 -4.1	45.7 64.7 -8.4	51.7 55.4 -7.2	57.6 46.2 -6.0	63.5 37.0 -4.8	69.4 27.7 -3.6	75.3 18.5 -2.4	81.2 9.2 -1.2	87.1 0.0 0.0	91.4 -8.2 2.6	49.5 72.8 -3.2	55.4 63.5 -2.1	61.3 54.3 -0.9	67.2 45.1 0.3	73.1 35.8 1.4	79.1 26.6 2.6	85.0 17.4 3.7	90.9 8.1 4.9	96.2 -1.3 10.9	55.5 64.7 -8.4	51.7 55.4 -7.2	47.8 46.2 -6.0	44.0 37.0 -4.8	40.1 27.7 -3.6	36.3 18.5 -2.4	32.5 9.2 -1.2	28.6 0.0 0.0	23.1 -8.2 2.6	18.9 0.0 0.0	48.7 65.1 39.4	90.9 -10.3 87.2	52.7 -65.4 20.7
27	42.2 56.4 -21.6	48.3 47.6 -20.1	54.4 38.9 -18.6	60.6 30.3 -16.9	66.9 21.9 -15.1	73.3 13.8 -13.2	79.8 5.9 -11.0	83.5 -0.4 -11.3	87.6 -7.2 -11.6	45.5 64.2 -16.2	51.5 55.1 -14.9	57.5 46.1 -13.6	63.5 37.1 -12.2	69.5 28.2 -10.8	75.7 19.4 -9.3	81.9 11.0 -7.6	88.3 3.0 -5.5	92.2 -3.6 -5.8	49.6 73.9 -9.6	55.5 64.7 -8.4	61.4 55.4 -7.2	67.3 46.2 -6.0	73.2 37.0 -4.8	79.2 27.7 -3.6	85.1 18.5 -2.4	91.0 9.2 -1.2	96.9 0.0 0.0	49.6 73.9 -9.6	45.7 64.7 -8.4	41.9 55.4 -7.2	38.1 46.2 -6.0	34.2 37.0 -4.8	30.4 27.7 -3.6	26.6 18.5 -2.4	22.7 9.2 -1.2	18.9 0.0 0.0	96.9 0.0 0.0	59.6 -29.0 -46.2	28.4 23.6 -44.1	49.6 73.9 -9.6

Input and output:
Colorimetric Printer Reflective System ORS19_96a
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

ORS19_96a; adapted (a) CIELAB data

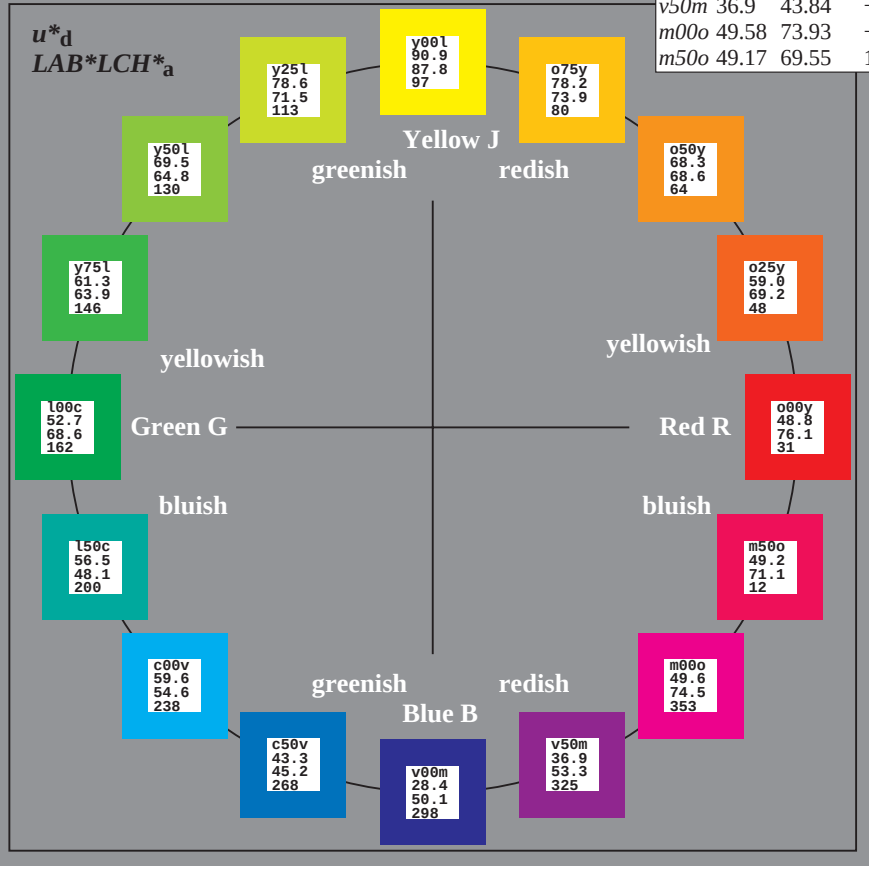
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

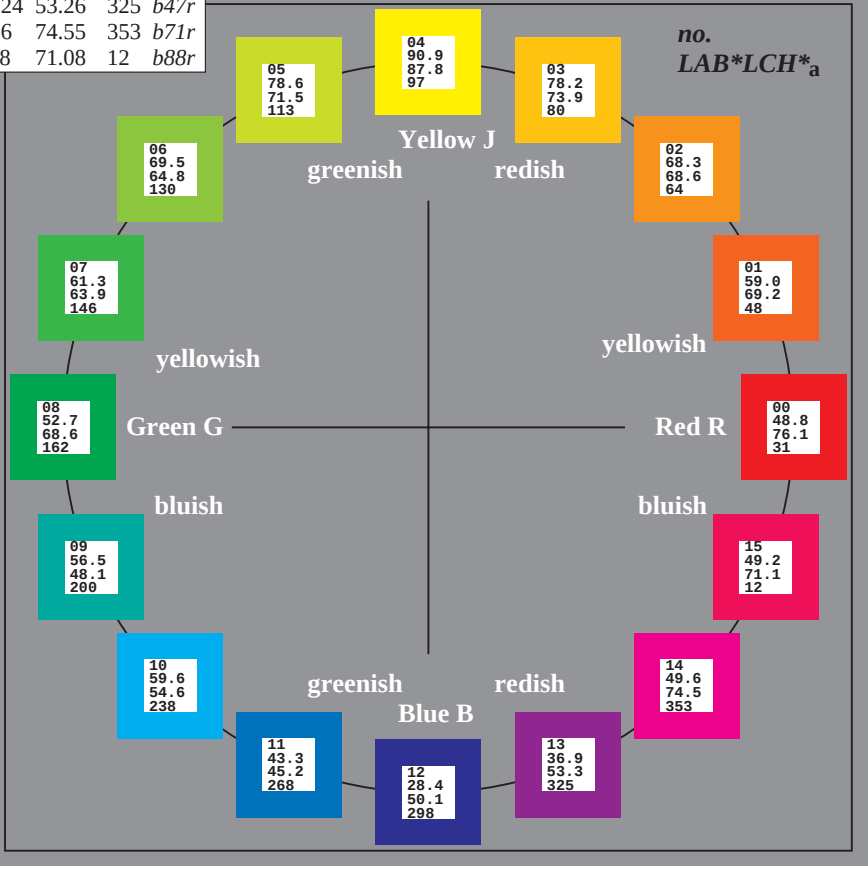


%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

ORS19_96a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



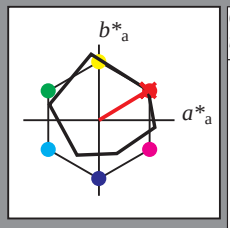


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

$u^*_d = o00y$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data

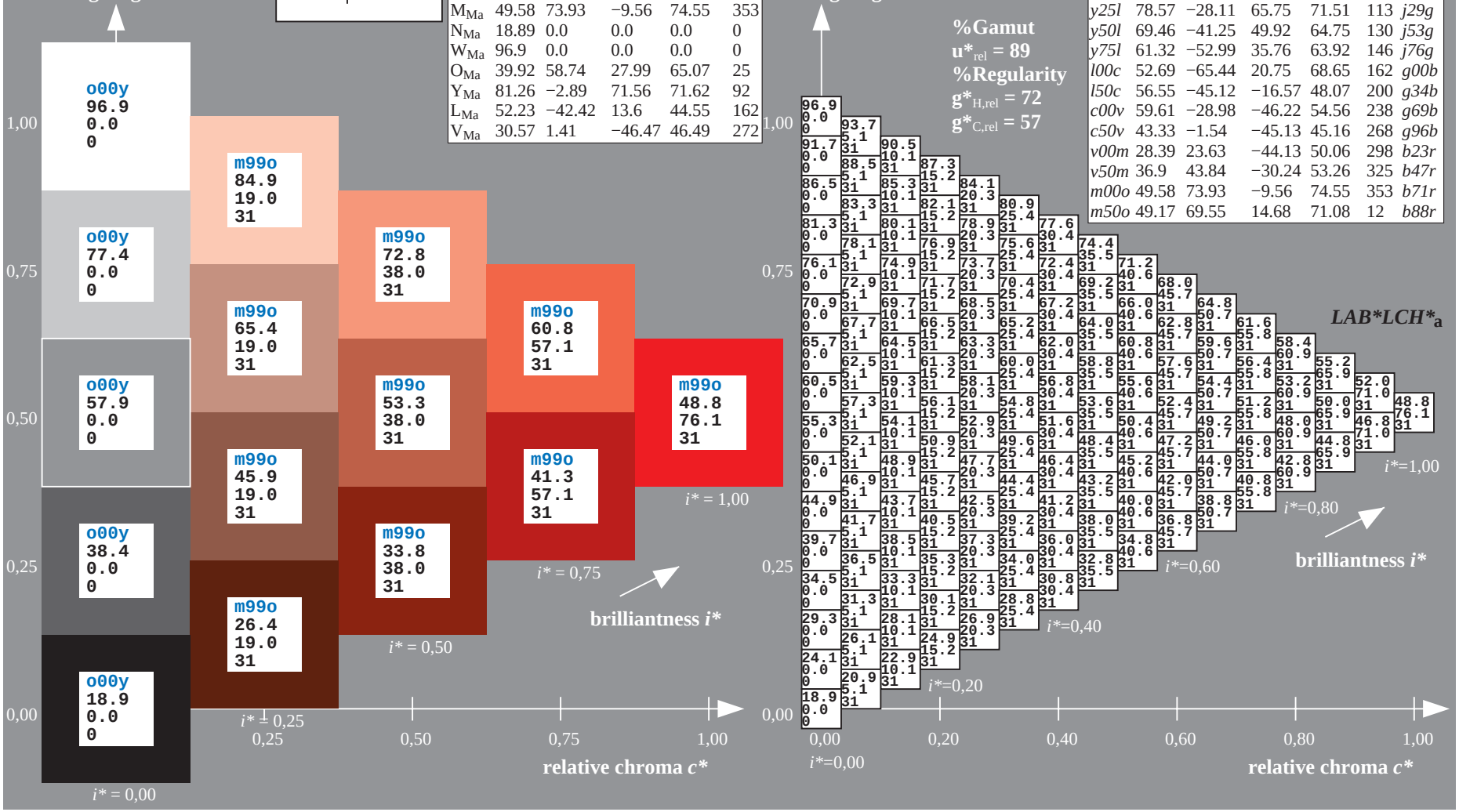
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 49 65 39
$LAB^*LCH^*_{Ma}$: 49 76 31
$lab^*olv^*_{Ma}$: 1.0 0.0 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.09 0.0
triangle lightness t^*

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

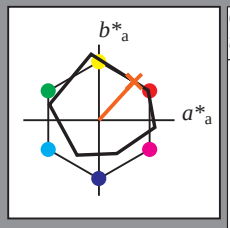


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

$u^*_d = o25y$
LAB*LCH*a

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o25y$ $u^*_e = r33j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

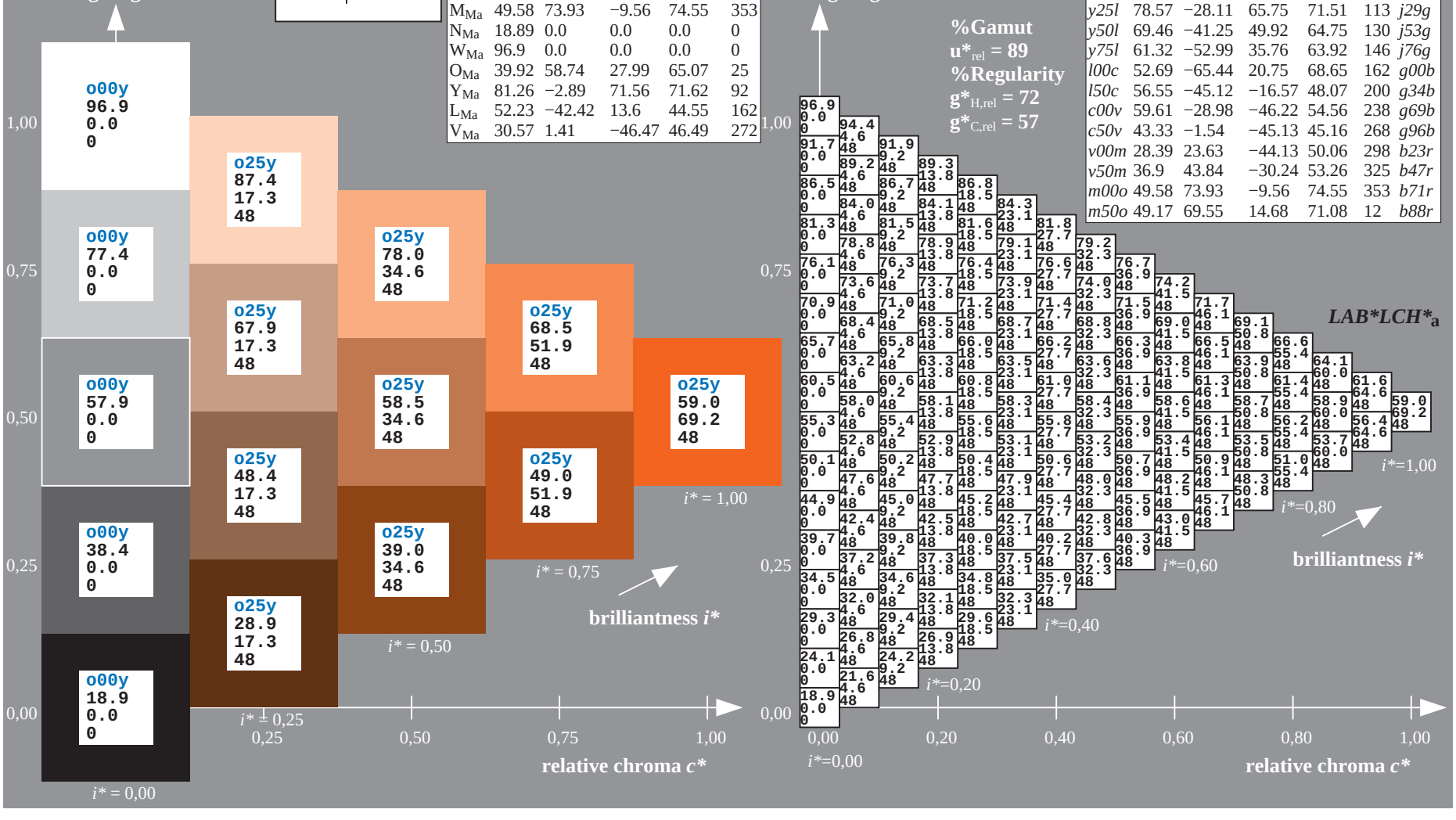
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 59 47 51**
***LAB*LCH*Ma*: 59 69 47**
***lab*olv*Ma*: 1.0 0.25 0.0**
***lab*rgb*Ma*: 1.0 0.33 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



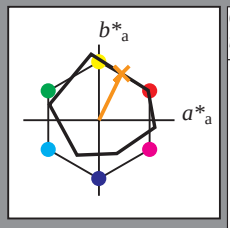
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

$u^*_d = o50y$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o50y$ $u^*_e = r57j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



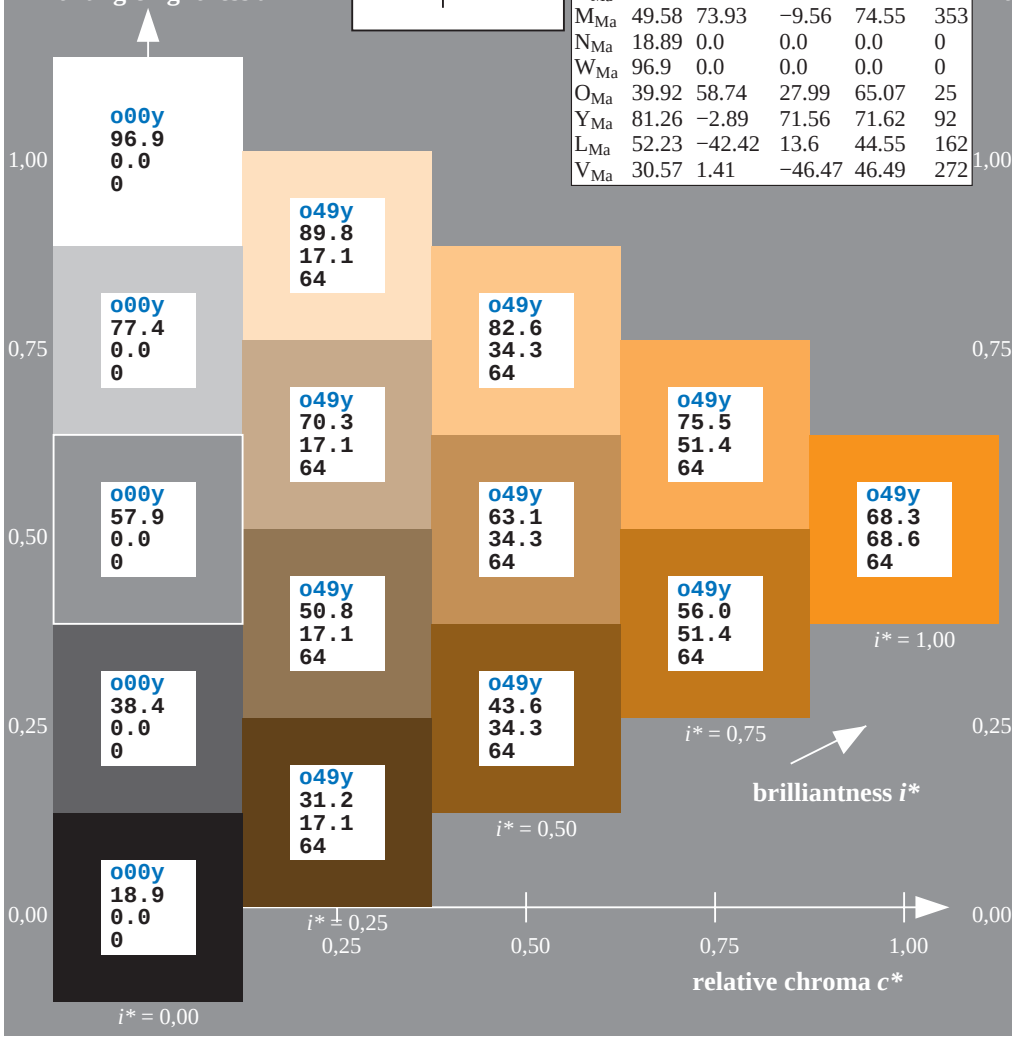
ORS19_96a; adapted (a) CIELAB data

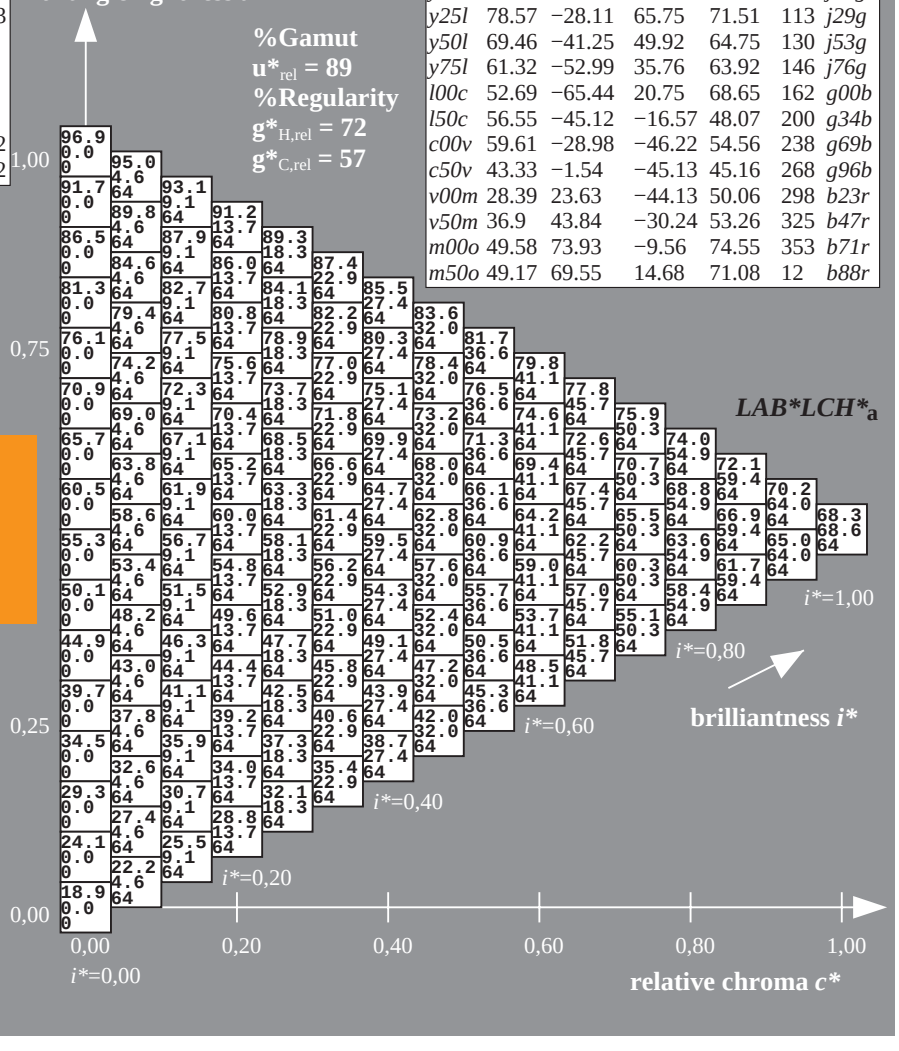
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 68 30 62
$LAB^*LCH^*_{Ma}$: 68 69 63
$lab^*olv^*_{Ma}$: 1.0 0.5 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





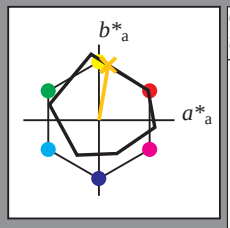
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

$u^*_d = o75y$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r81j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data

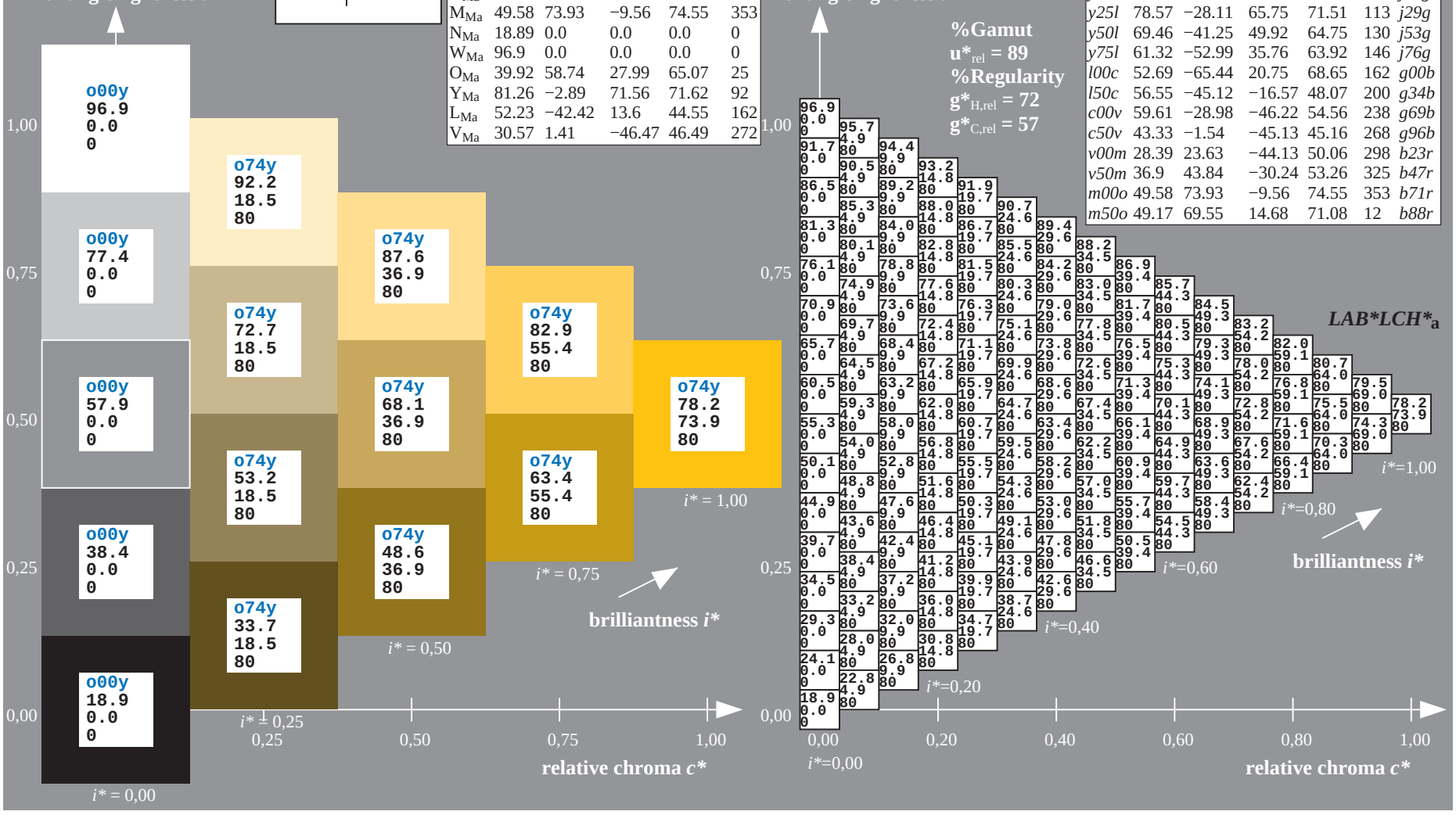
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 78 12 73
$LAB^*LCH^*_{Ma}$: 78 74 80
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.82 0.0
triangle lightness t^*

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



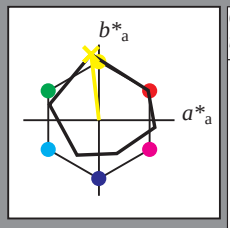
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$

$u^*_d = y00l$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS19_96a; adapted (a) CIELAB data

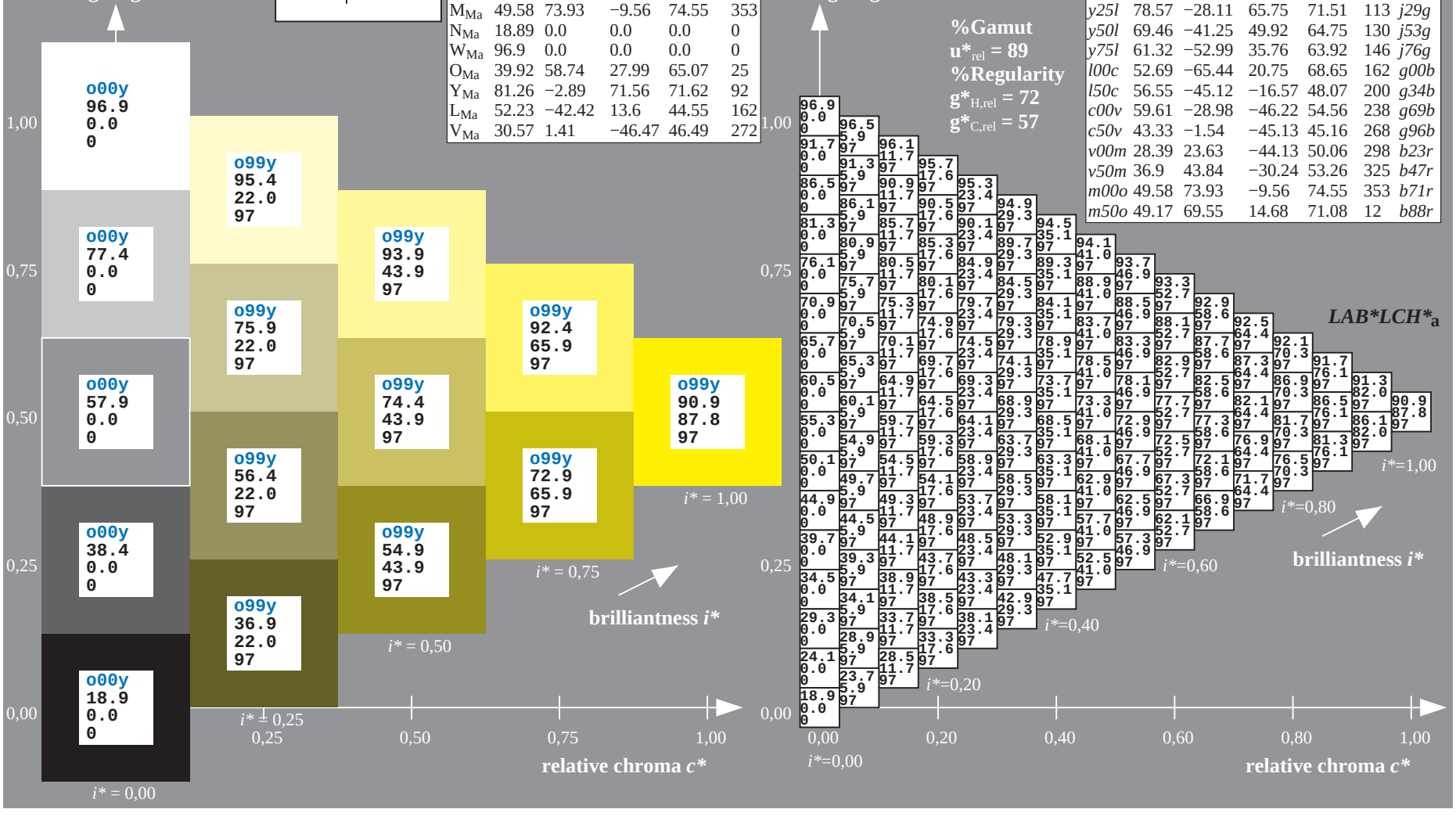
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 91 −10 87
$LAB^*LCH^*_{Ma}$: 91 88 96
$lab^*olv^*_{Ma}$: 1.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.94 1.0 0.0
triangle lightness t^*

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

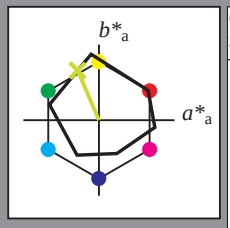


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j29g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

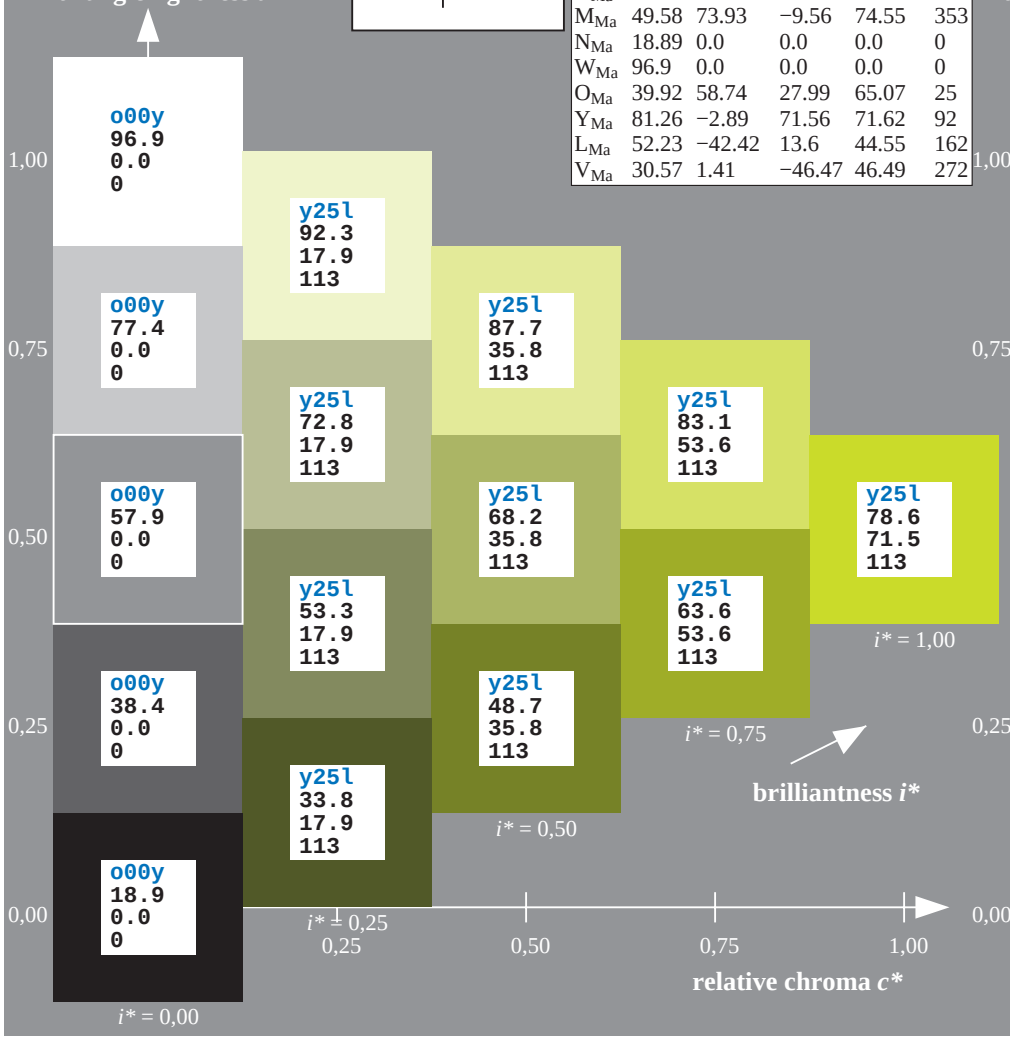
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 79 −28 66**
***LAB*LCH**$_{Ma}$: 79 72 113**
***lab*olv**$_{Ma}$: 0.75 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.7 1.0 0.0**
triangle lightness *t**

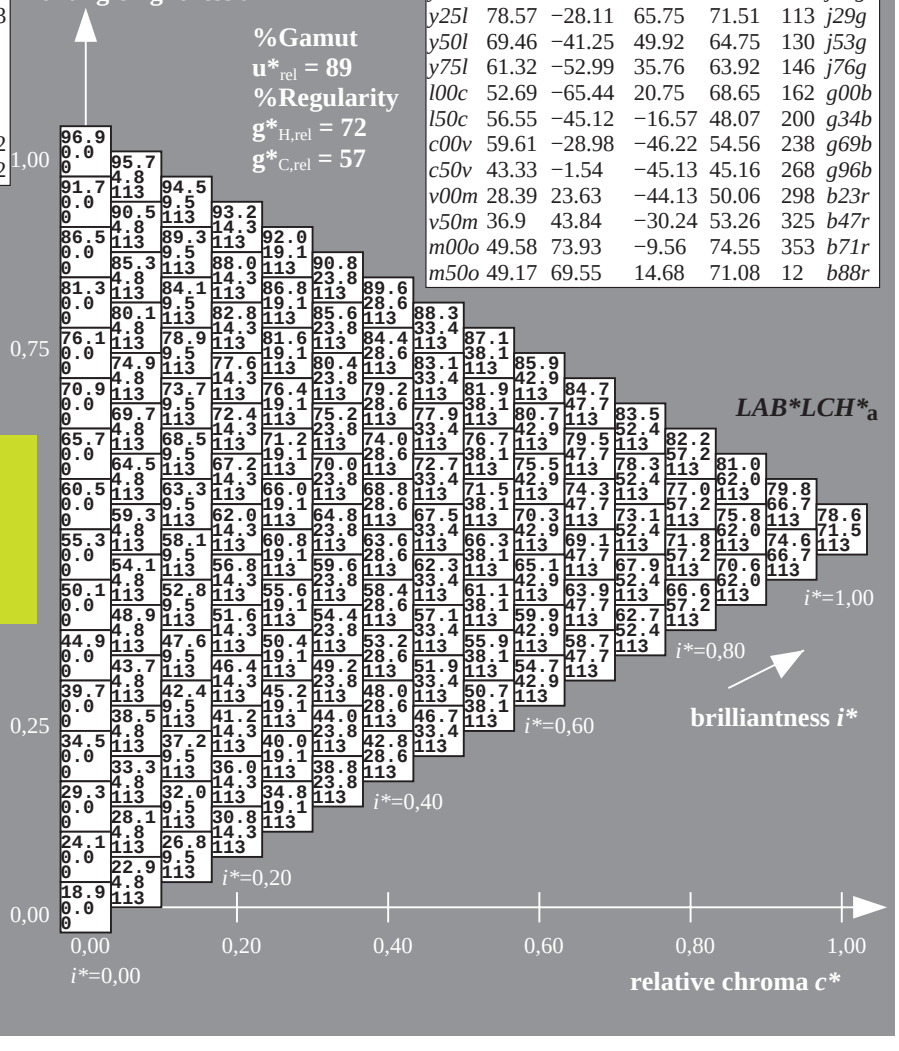
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

$u^*_d = y25l$
***LAB*LCH**$_a$**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



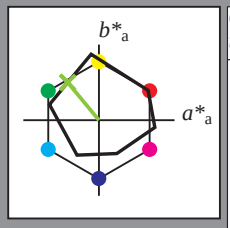


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

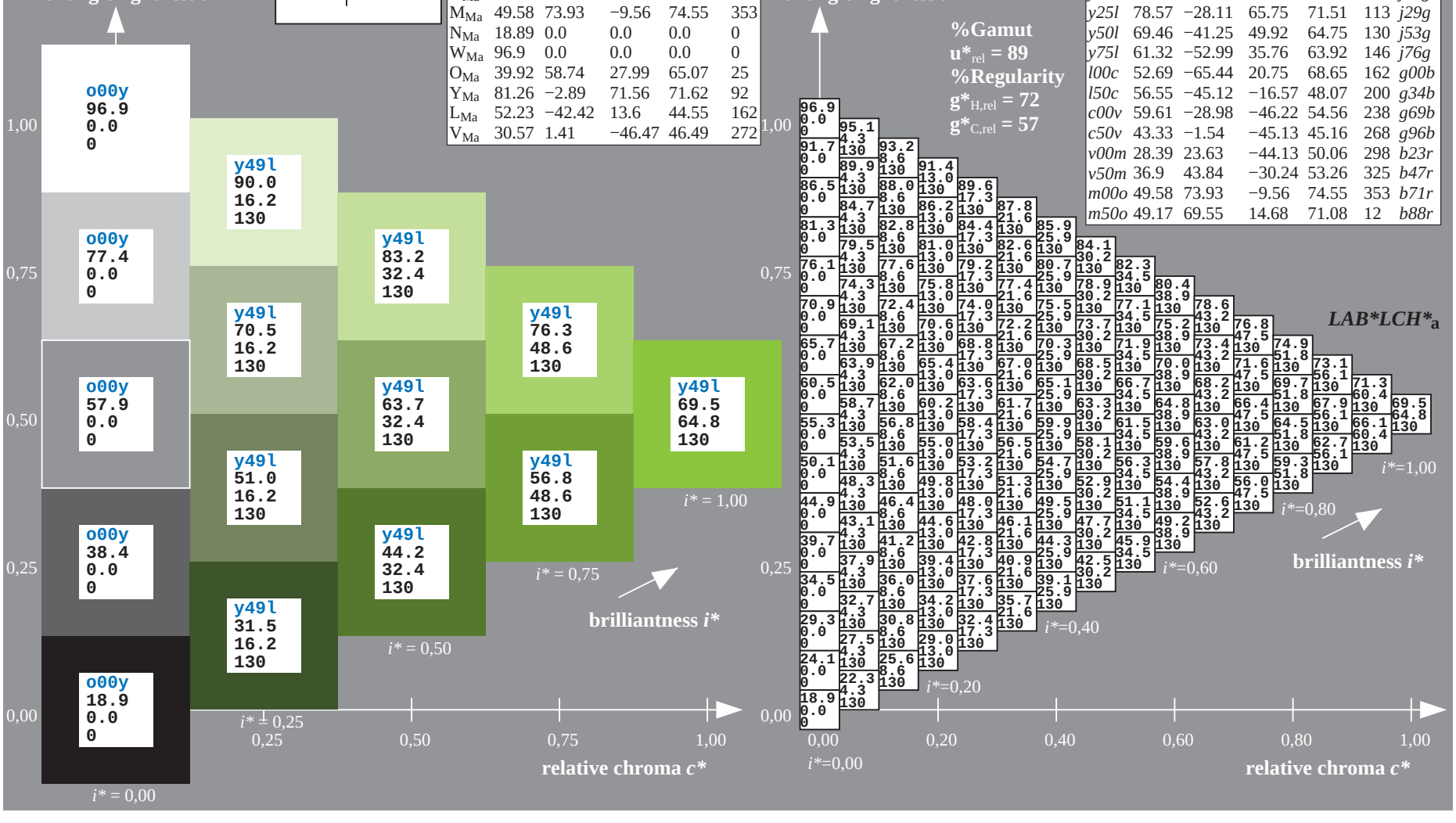
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 69 −41 50**
***LAB*LCH**$_{Ma}$: 69 65 129**
***lab*olv**$_{Ma}$: 0.5 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.47 1.0 0.0**
triangle lightness *t**

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

u*$_d$ = y50l
***LAB*LCH**$_a$**

ORS19_96a; adapted (a) CIELAB data

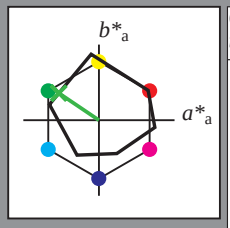
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

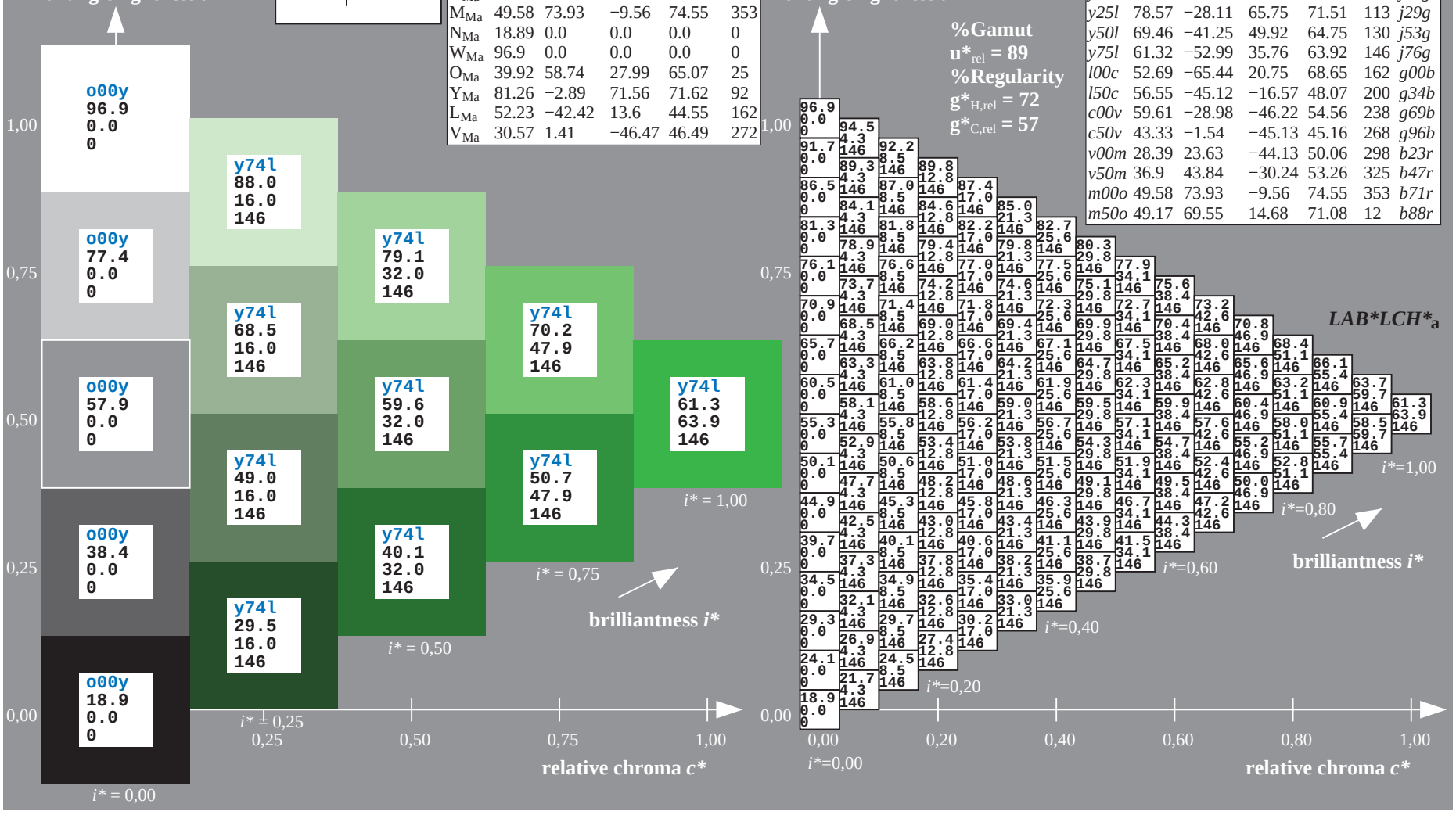
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 61 −53 36**
***LAB*LCH*Ma*: 61 64 145**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.23 1.0 0.0**
triangle lightness *t**

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

$u^*_d = y75l$
LAB*LCH*a

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



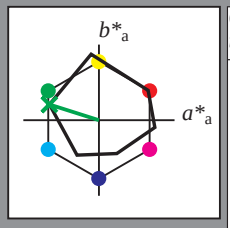
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

$u^*_d = l00c$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = g00b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



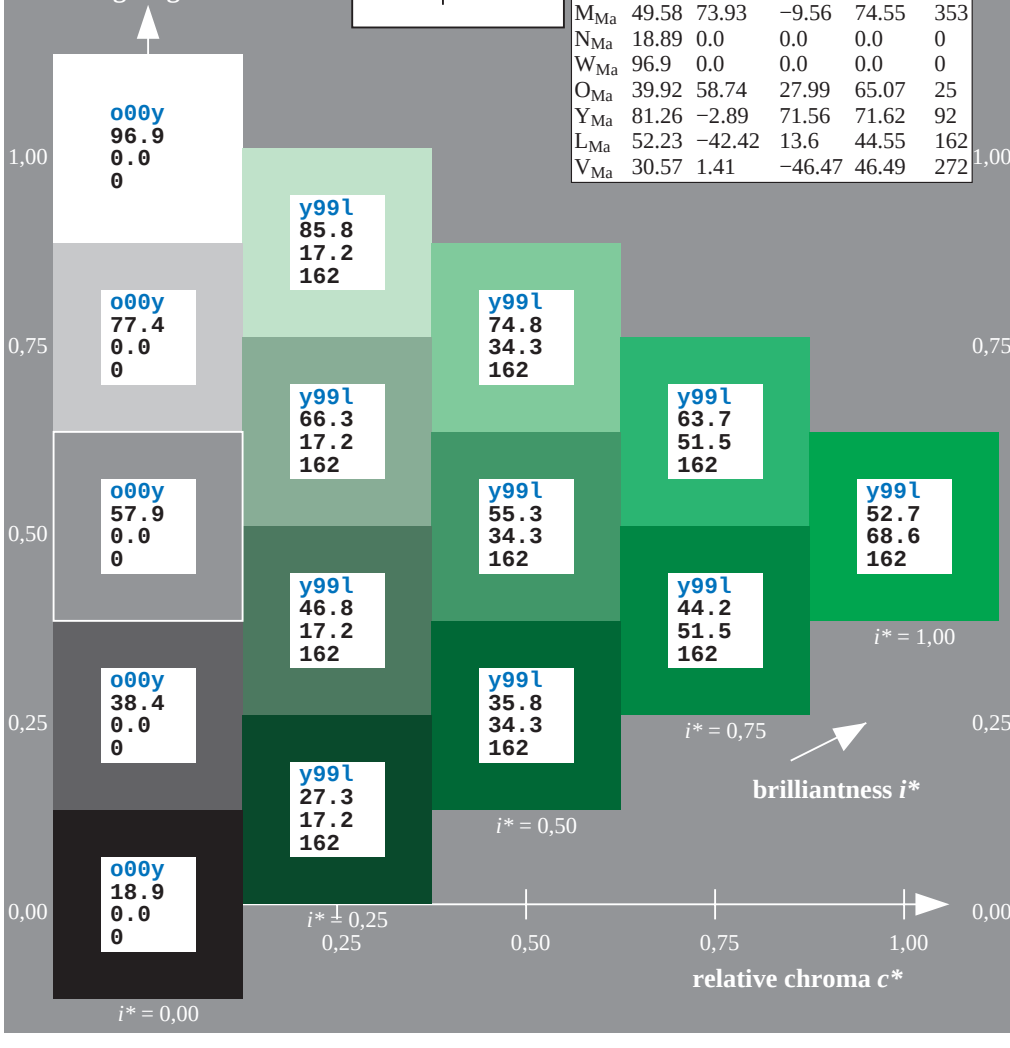
ORS19_96a; adapted (a) CIELAB data

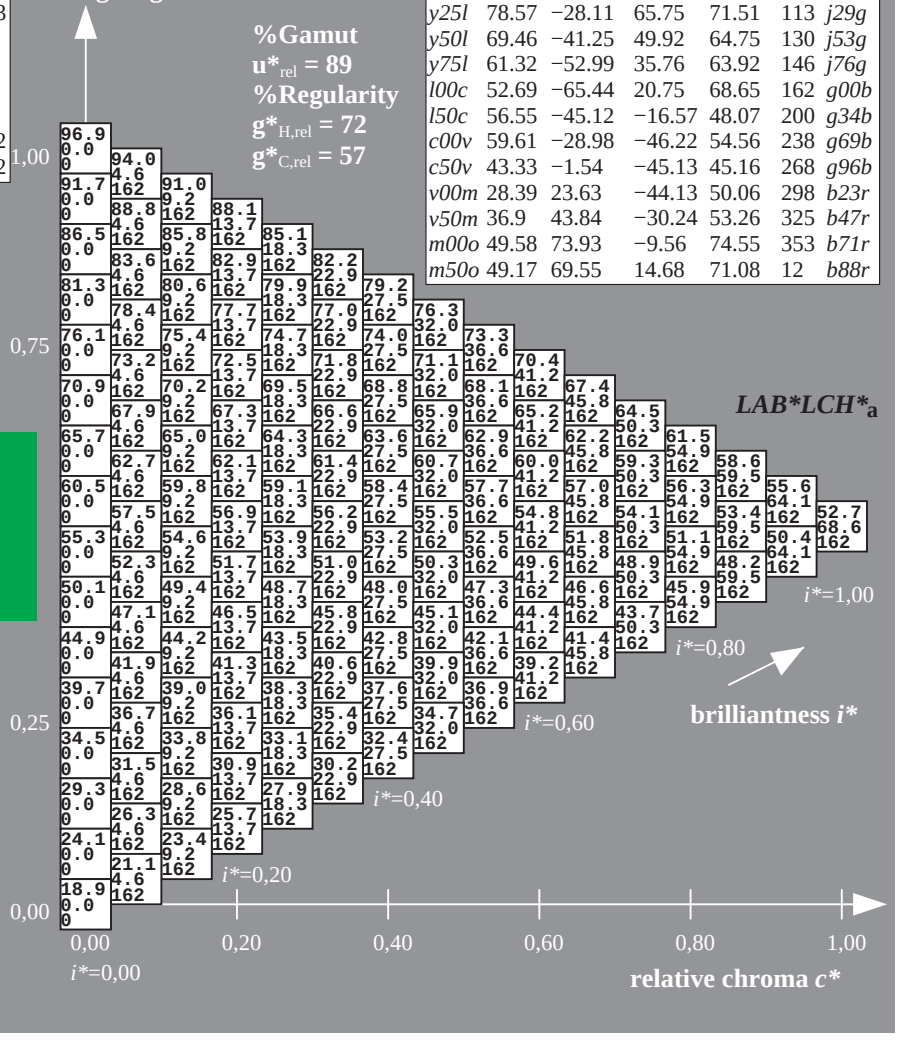
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −65 21
$LAB^*LCH^*_{Ma}$: 53 69 162
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





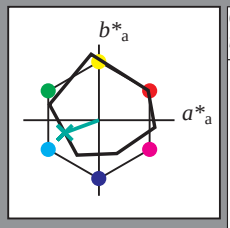
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$

$u^*_d = l50c$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g34b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



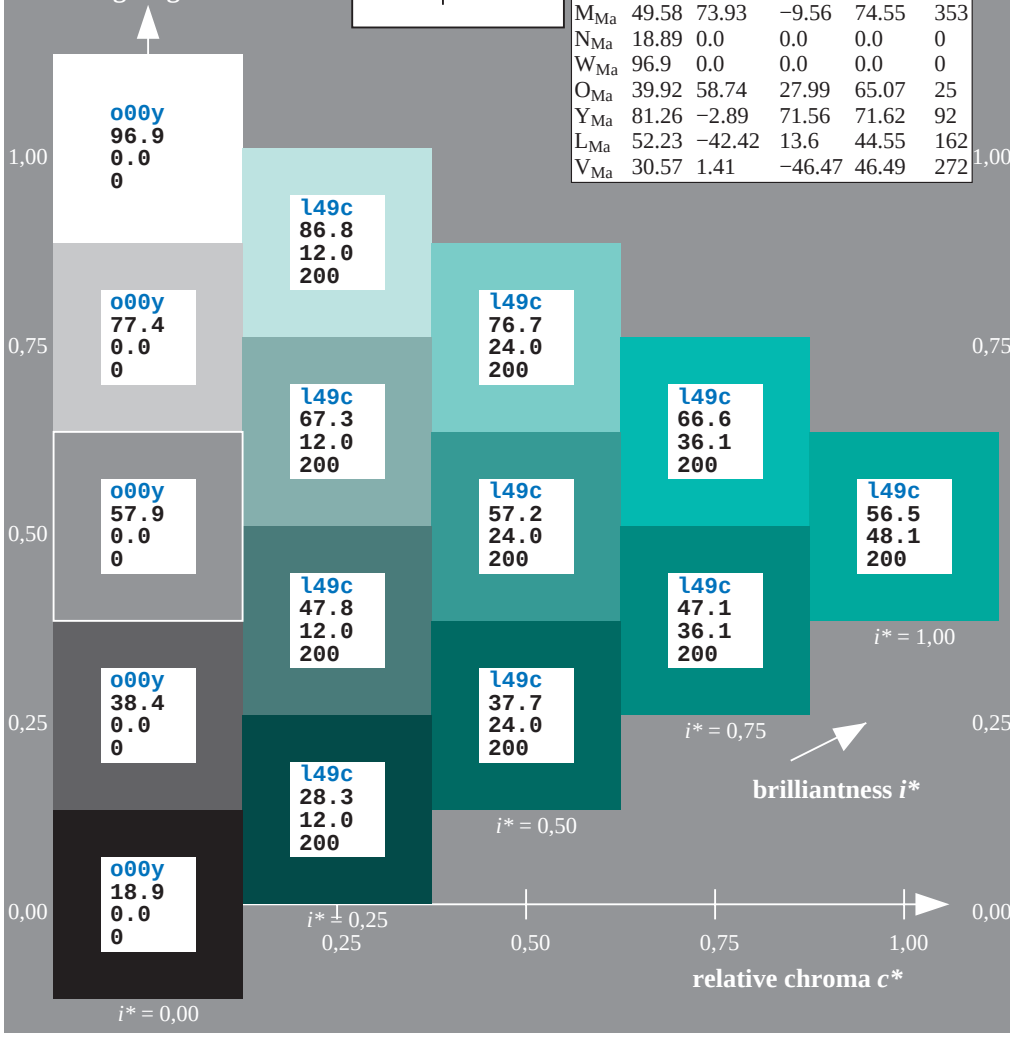
ORS19_96a; adapted (a) CIELAB data

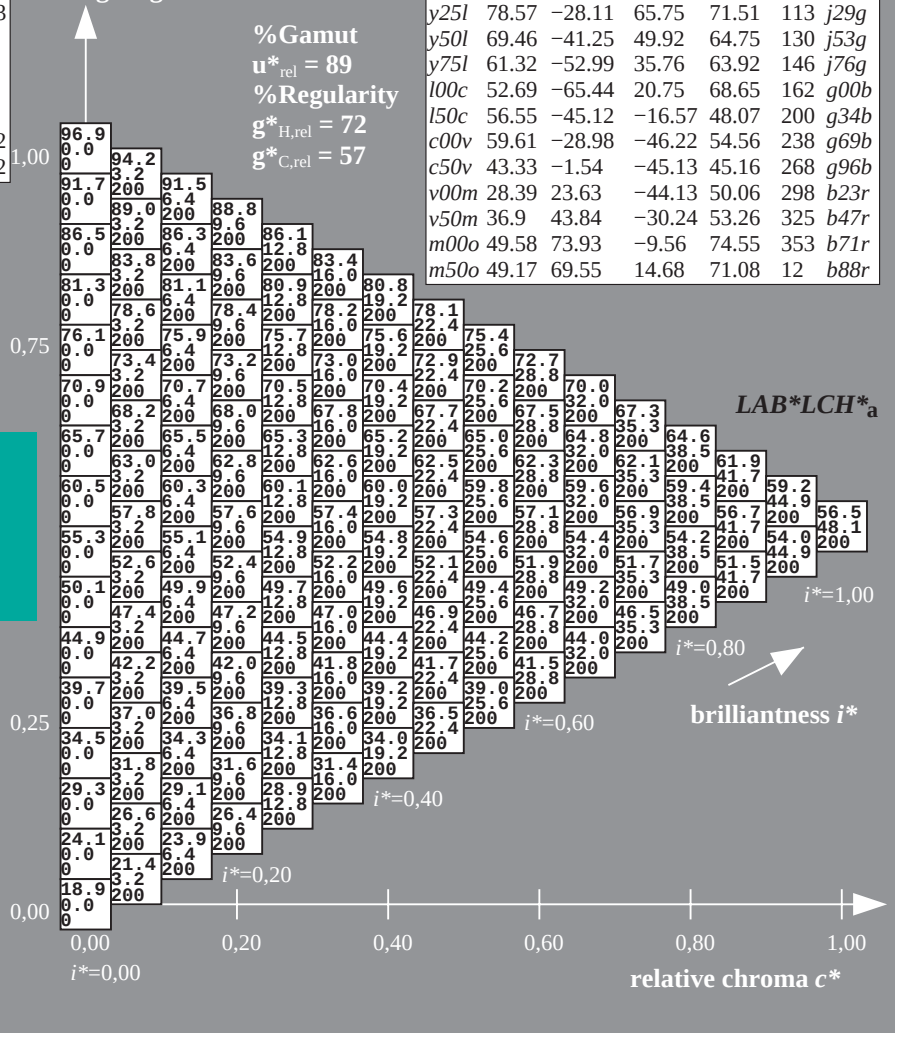
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −45 −17
$LAB^*LCH^*_{Ma}$: 57 48 200
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.69
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



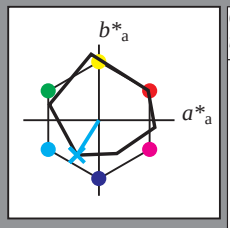


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g69b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

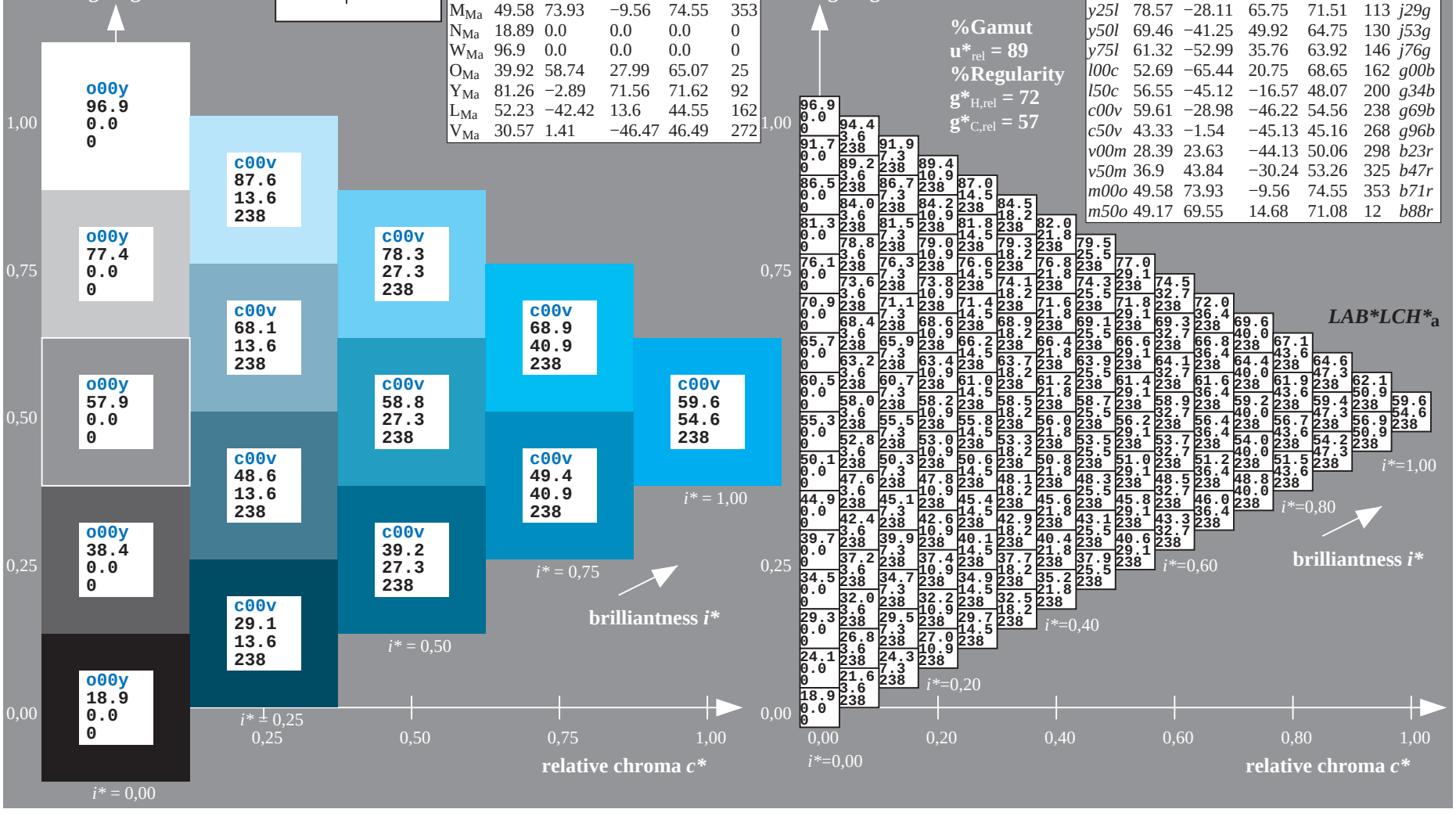
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −29 −46
*LAB*LCH**$_{Ma}$: 60 55 237
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.62 1.0
triangle lightness *t**

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

u^*_d = *c00v*
*LAB*LCH**$_a$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



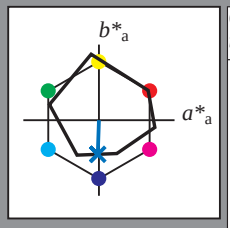
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$

$u^*_d = c50v$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



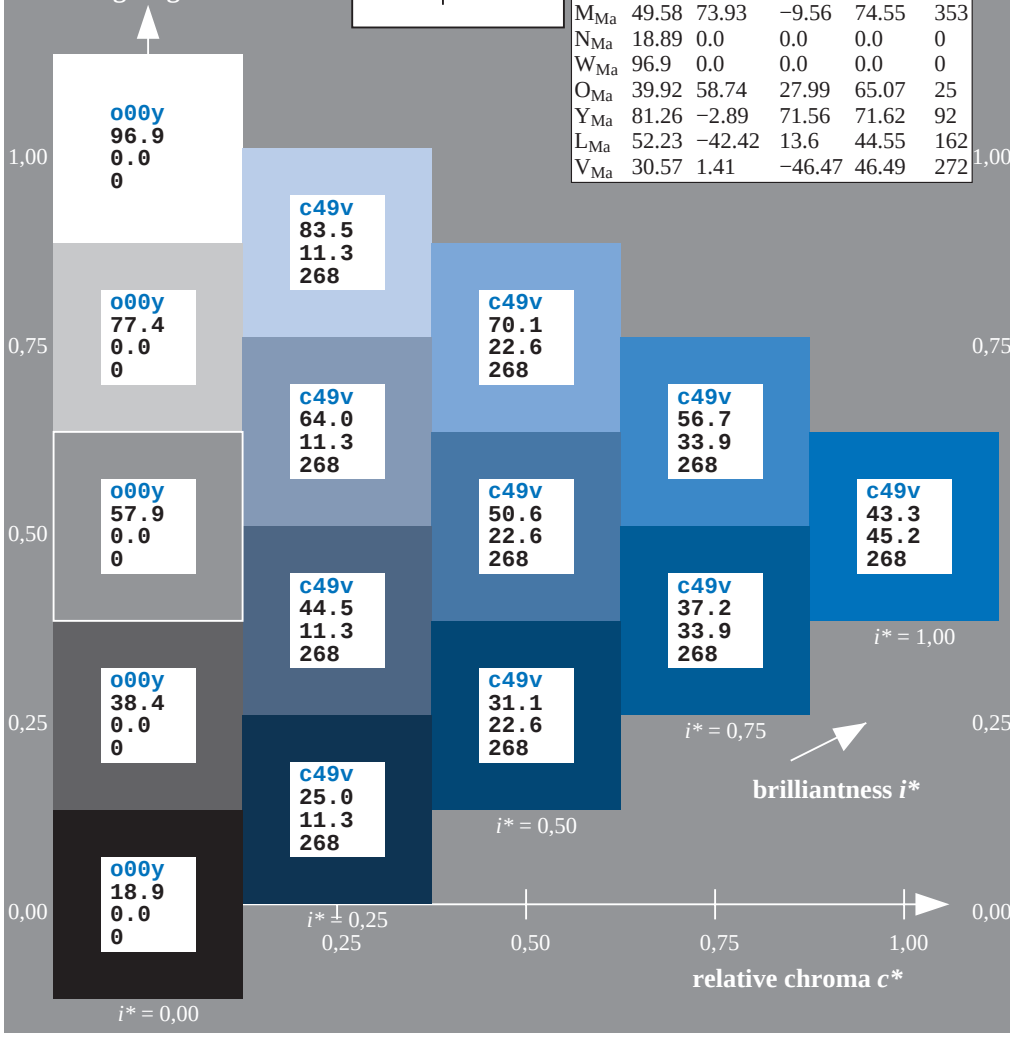
ORS19_96a; adapted (a) CIELAB data

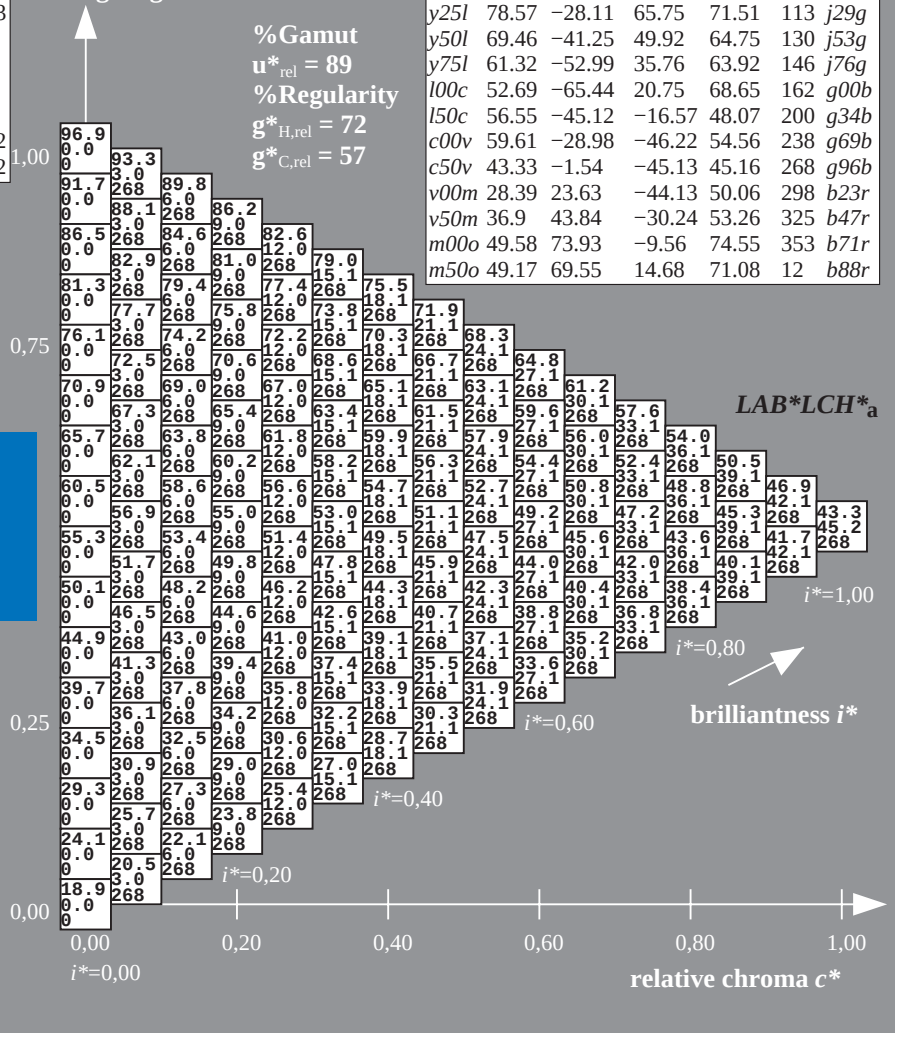
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 43 −2 −45
$LAB^*LCH^*_{Ma}$: 43 45 268
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.07 1.0
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





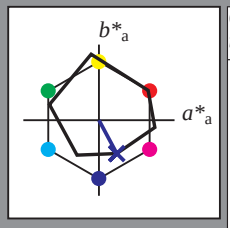
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

$u^*_d = v00m$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



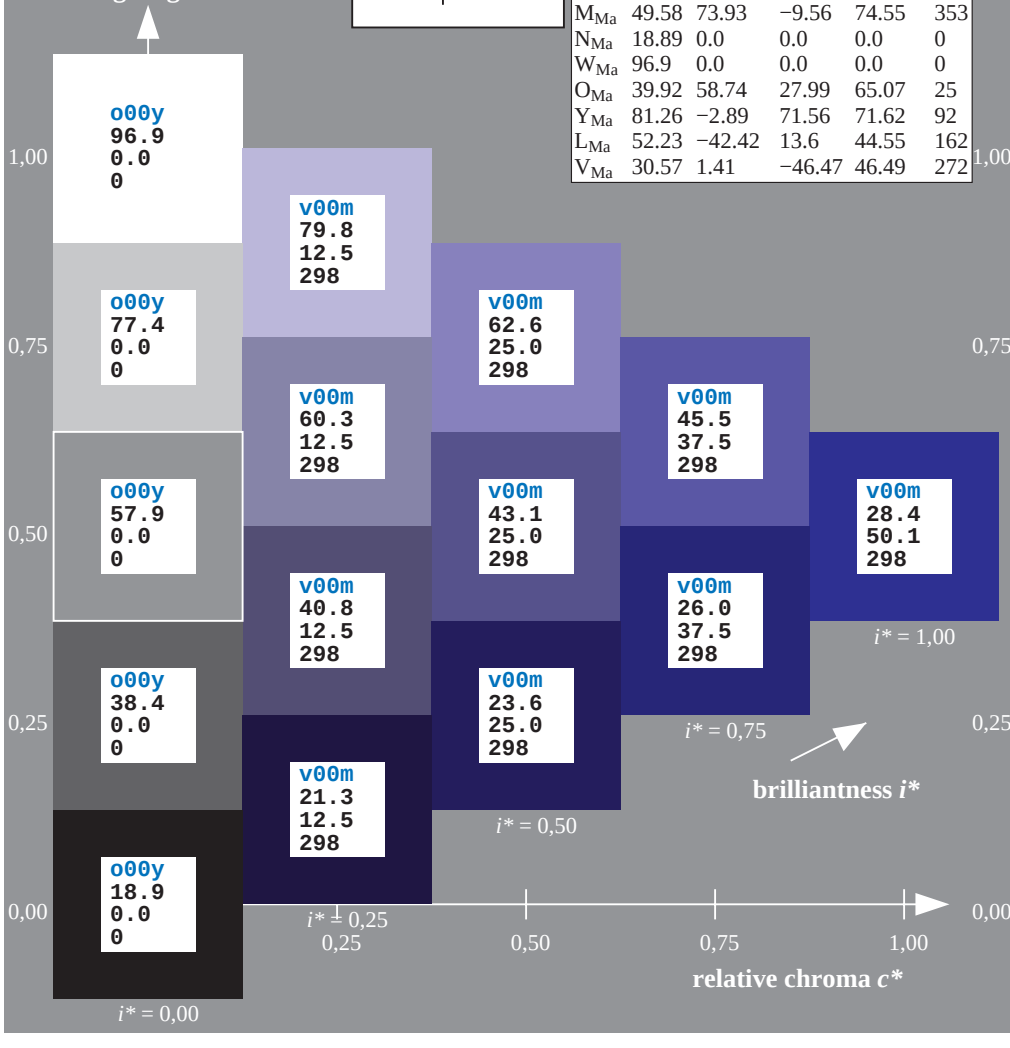
ORS19_96a; adapted (a) CIELAB data

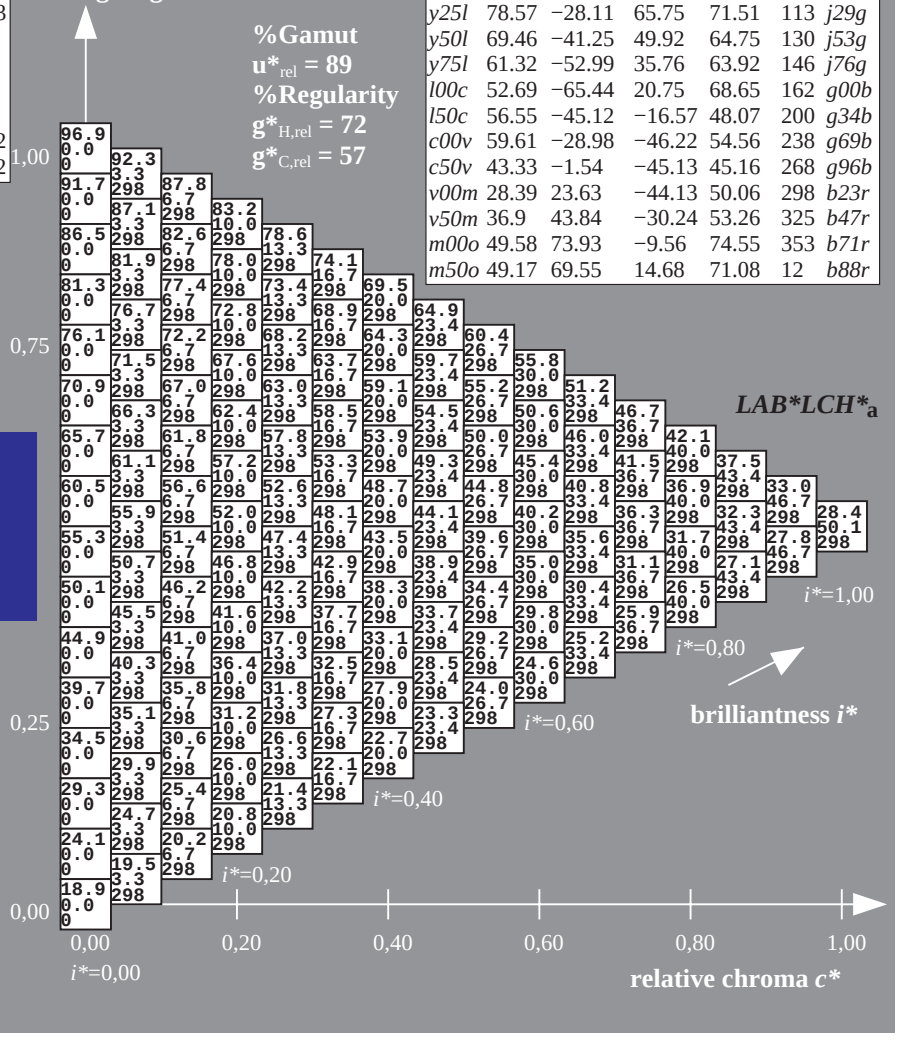
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 28 24 −44
$LAB^*LCH^*_{Ma}$: 28 50 298
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.46 0.0 1.0
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





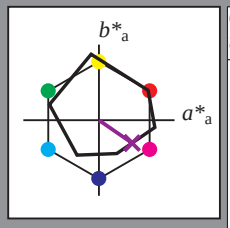
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$

$u^*_d = v50m$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



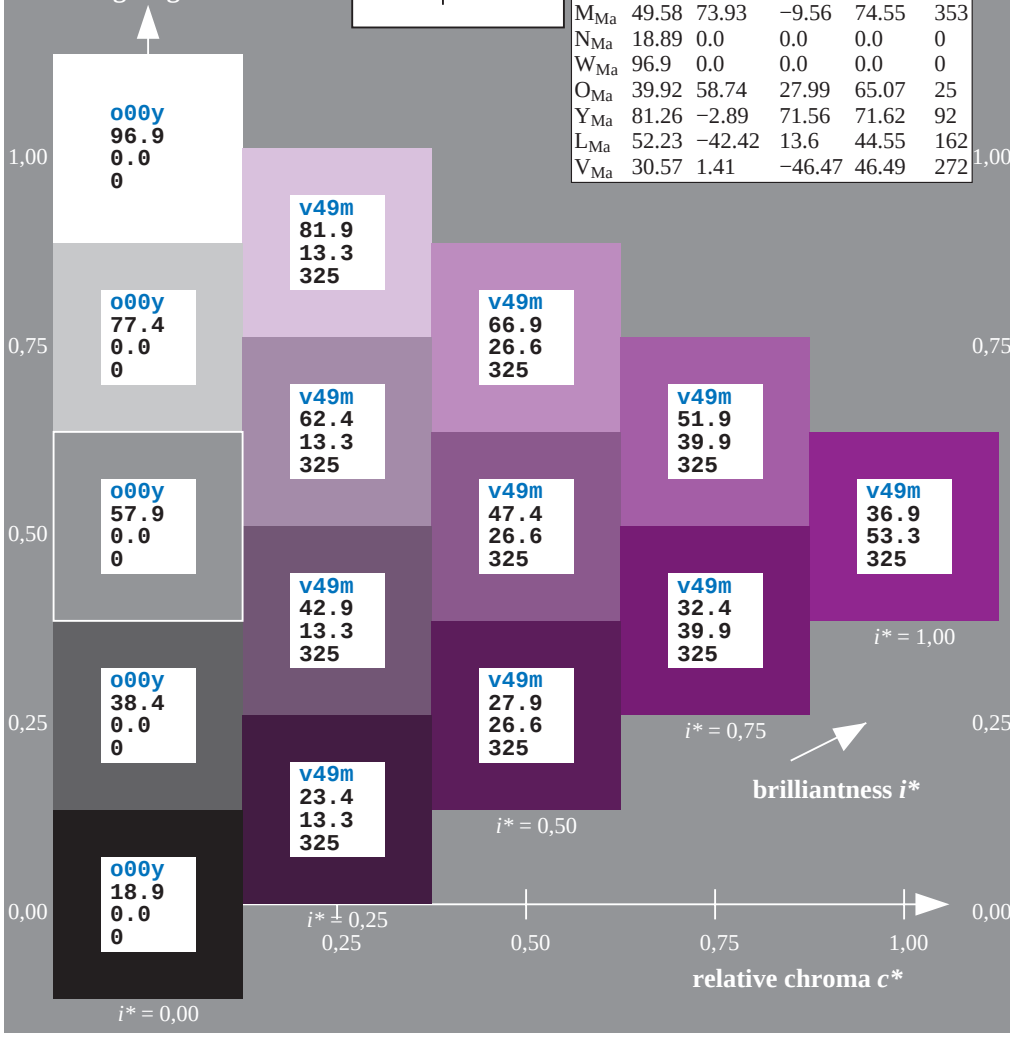
ORS19_96a; adapted (a) CIELAB data

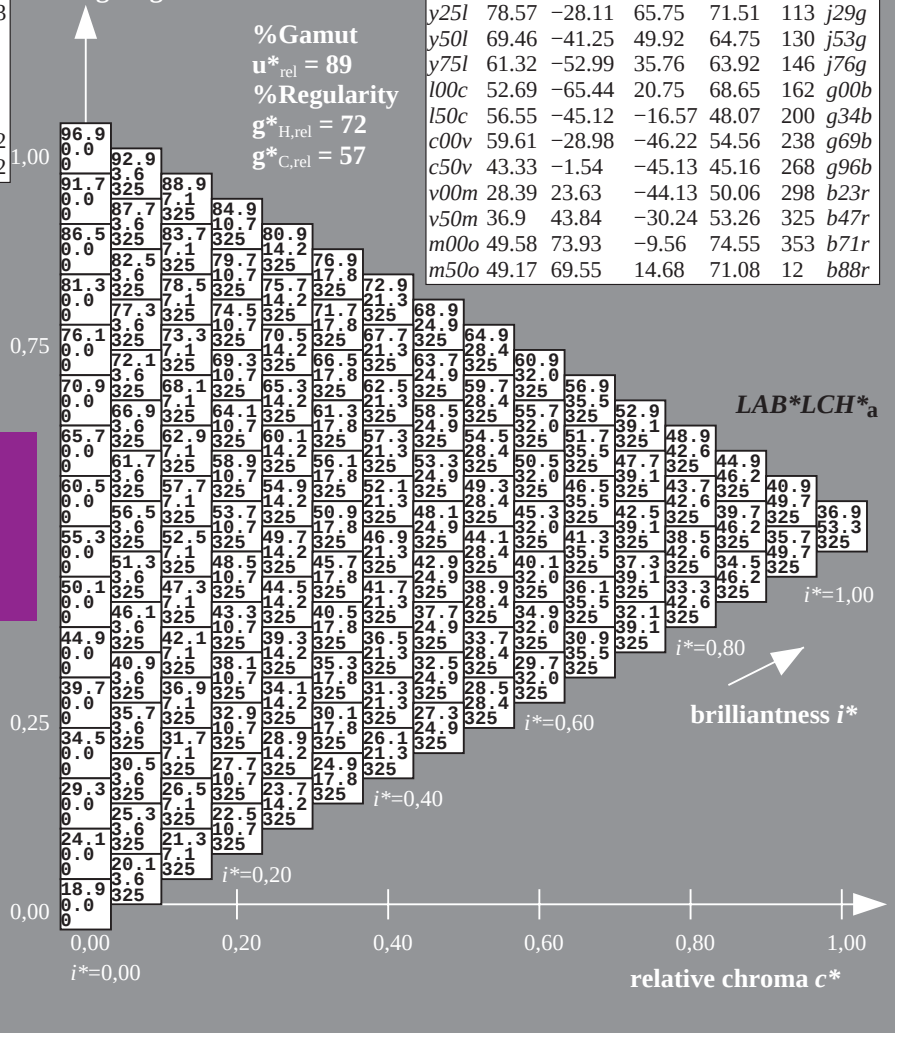
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 37 44 −30
$LAB^*LCH^*_{Ma}$: 37 53 325
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.94 0.0 1.0
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





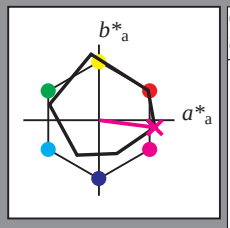
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

$u^*_d = m00o$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m00o$ $u^*_e = b71r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



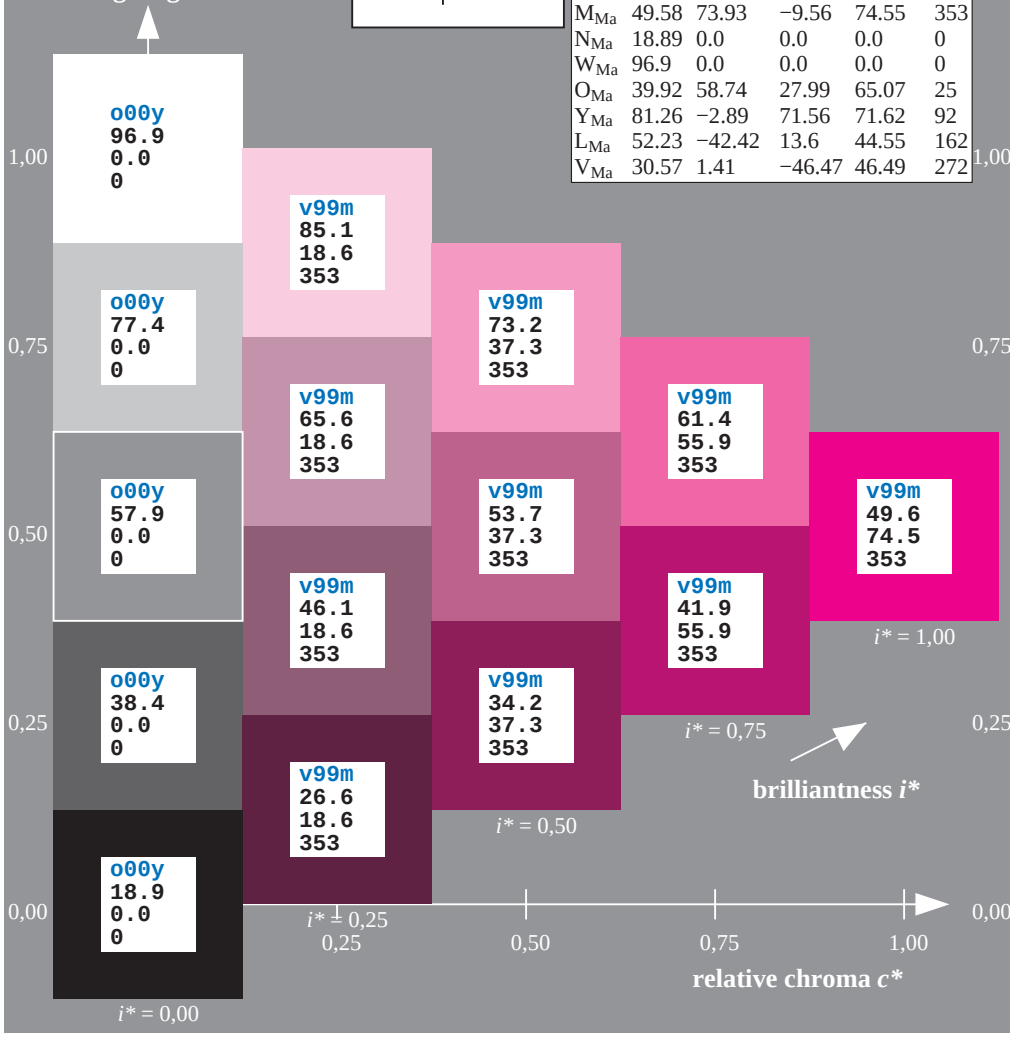
ORS19_96a; adapted (a) CIELAB data

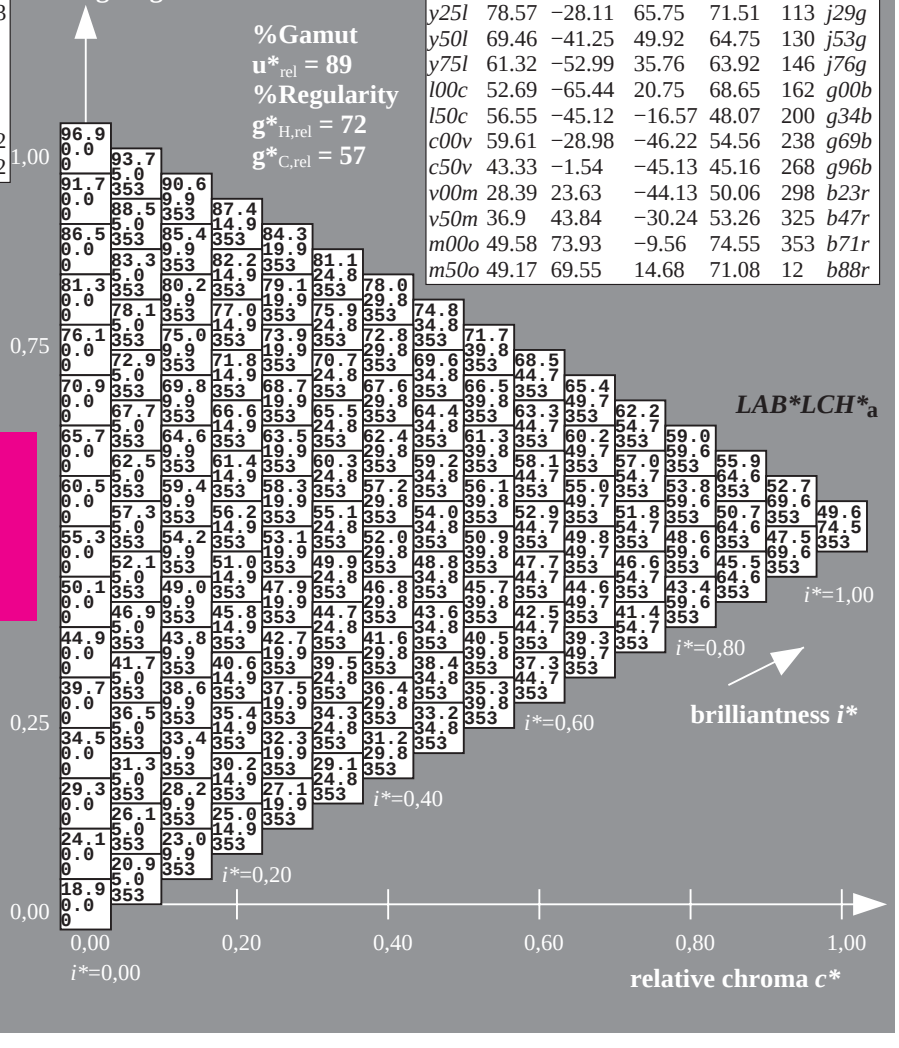
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 50 74 −10
$LAB^*LCH^*_{Ma}$: 50 75 352
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.58
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





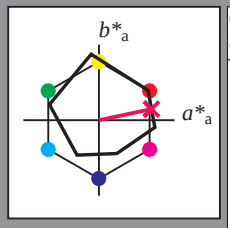
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

$u^*_d = m50o$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b88r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



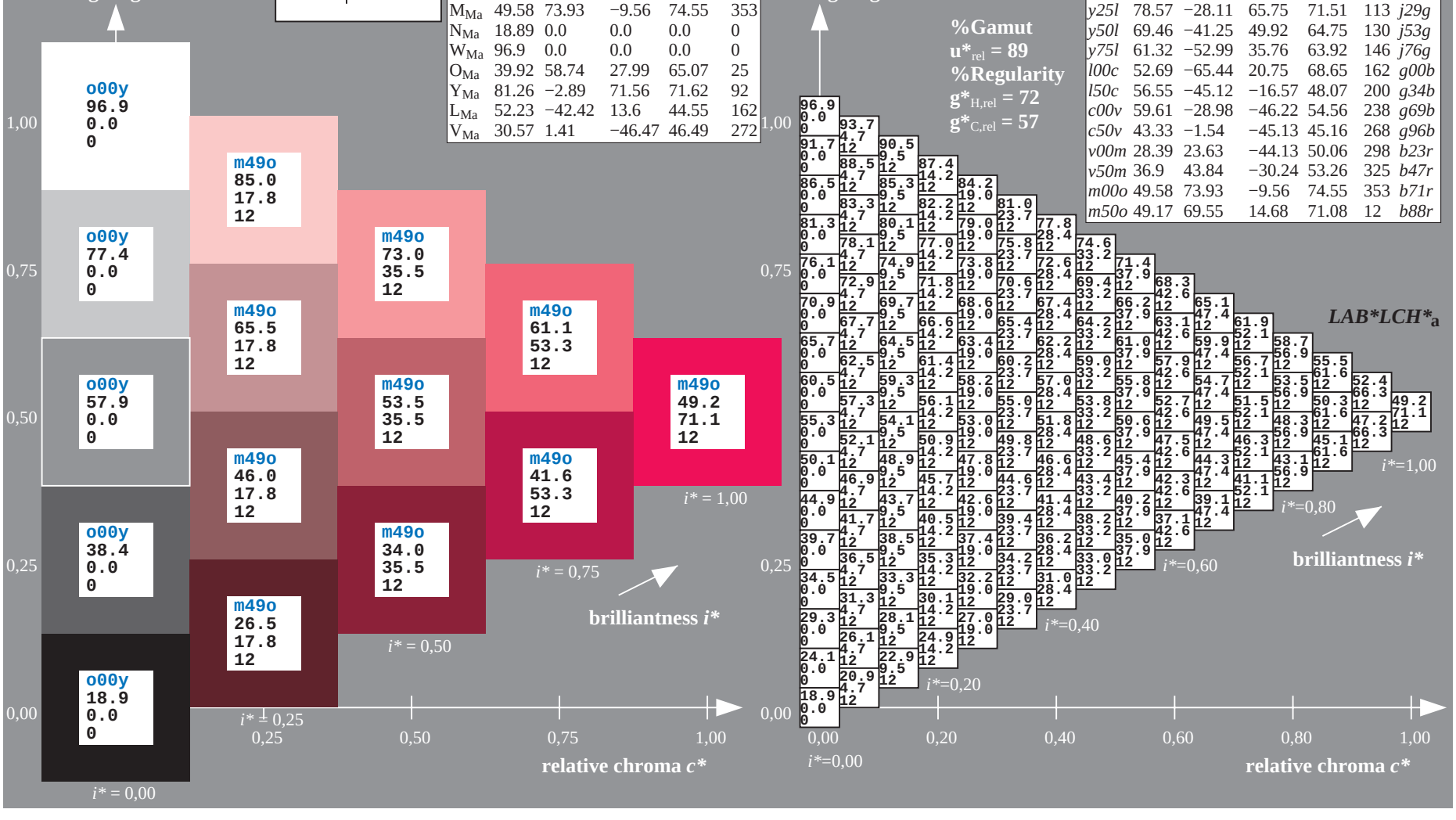
ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 49 70 15
$LAB^*LCH^*_{Ma}$: 49 71 11
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.24
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I
01	18.9 0.0 0	23.1 8.6 162	27.3 17.2 162	31.6 25.7 162	35.8 34.3 162	40.0 42.9 162	44.2 51.5 162	48.5 60.1 162	52.7 68.6 162
02	20.1 6.3 298	24.0 6.8 238	28.3 12.0 200	32.6 19.1 188	36.9 26.8 181	41.2 34.7 178	45.5 42.8 175	49.7 51.0 173	54.0 59.3 172
03	21.3 12.5 298	25.0 11.3 268	29.1 13.6 238	33.4 17.9 213	37.7 24.0 200	42.1 30.9 193	46.4 38.2 188	50.7 45.8 184	55.0 53.5 181
04	22.5 18.8 298	26.3 17.0 278	29.9 17.4 258	34.2 20.5 238	38.4 24.2 219	42.8 29.7 208	47.1 36.1 200	51.5 42.8 195	55.8 50.0 191
05	23.6 25.0 298	27.6 22.9 283	31.1 22.6 268	34.8 23.9 253	39.2 27.3 238	43.5 30.7 223	47.8 35.8 213	52.2 41.7 206	56.5 48.1 200
06	24.8 31.3 298	28.8 29.0 286	32.4 28.2 274	35.9 28.6 262	39.8 30.4 250	44.3 34.1 238	48.6 37.2 225	52.9 42.0 216	57.3 47.6 210
07	26.0 37.5 298	30.1 35.1 288	33.7 33.9 278	37.2 33.9 268	40.8 34.9 258	44.8 37.1 248	49.4 40.9 238	53.7 43.9 227	58.0 48.4 219
08	27.2 43.8 298	31.3 41.3 290	35.0 39.9 281	38.5 39.4 272	42.1 39.8 264	45.8 41.2 255	49.8 43.8 247	54.5 47.7 238	58.7 50.6 228
09	28.4 50.1 298	32.5 47.4 291	36.2 45.8 283	39.8 45.1 276	43.3 45.2 268	46.9 46.0 261	50.7 47.7 253	54.9 50.5 245	59.6 54.6 238
10	30.1 28.5 31	35.1 25.6 53	39.8 26.8 75	45.9 32.9 97	48.7 35.8 113	52.6 41.6 123	56.8 48.6 130	61.1 56.0 134	65.4 63.7 138
11	30.2 26.9 18	36.1 19.0 31	41.0 17.1 64	46.6 22.0 97	49.8 25.7 119	53.9 32.4 130	58.2 39.9 136	62.5 47.7 141	66.8 55.8 144
12	30.3 26.7 5	36.2 17.8 12	42.1 9.5 31	47.4 11.0 97	51.0 16.2 130	55.3 23.9 141	59.6 32.0 146	63.9 40.2 149	68.2 48.6 151
13	30.4 28.0 353	36.3 18.6 353	42.2 9.3 353	48.1 0.0 0	52.4 8.6 162	56.6 17.2 162	60.8 25.7 162	65.0 34.3 162	69.3 42.9 162
14	30.5 30.2 339	36.7 21.5 334	42.9 13.3 325	49.3 6.3 298	53.2 6.8 238	57.6 12.0 200	61.9 19.1 188	66.2 26.8 181	70.5 34.7 178
15	31.4 34.7 331	37.6 26.6 325	44.0 19.1 316	50.5 12.5 298	54.3 11.3 268	58.3 13.6 238	62.6 17.9 213	67.0 24.0 200	71.3 30.9 193
16	32.4 39.9 325	38.8 32.3 320	45.2 25.1 312	51.7 18.8 298	55.5 17.0 278	59.1 17.4 258	63.4 20.5 238	67.7 24.2 219	72.0 29.7 208
17	33.5 45.5 322	39.9 38.1 316	46.4 31.2 309	52.9 25.0 298	56.8 22.9 283	60.4 22.6 268	64.0 23.9 253	68.5 27.3 238	72.8 30.7 223
18	34.6 51.3 319	41.1 44.1 314	47.6 37.4 307	54.1 31.3 298	58.1 29.0 286	61.7 28.2 274	65.2 28.6 262	69.0 30.4 250	73.6 34.1 238
19	41.3 57.1 31	46.6 53.0 42	51.3 51.3 53	56.0 51.4 64	60.8 53.5 75	66.2 58.0 86	72.9 65.9 97	75.2 67.3 106	78.6 71.5 113
20	41.4 55.0 25	47.3 47.6 31	52.5 43.8 44	57.2 42.6 57	61.9 43.7 71	67.1 47.4 84	73.7 54.9 97	76.1 56.7 108	79.6 61.3 115
21	41.5 53.8 18	47.4 45.6 23	53.3 38.0 31	58.5 34.6 48	63.1 34.3 64	68.1 36.9 80	74.4 43.9 97	77.0 46.1 110	80.7 51.4 119
22	41.6 53.3 12	47.5 44.6 16	53.4 36.2 22	59.3 28.5 31	64.4 25.6 53	69.1 26.8 75	75.2 32.9 97	78.0 35.8 113	81.9 41.6 123
23	41.7 53.5 5	47.6 44.4 8	53.5 35.5 12	59.4 26.9 18	65.4 19.0 31	70.3 17.1 64	75.9 22.0 97	79.1 25.7 119	83.2 32.4 130
24	41.8 54.3 359	47.7 45.1 0	53.6 35.9 2	59.5 26.7 5	65.5 17.8 12	71.4 9.5 31	76.6 11.0 97	80.3 16.2 130	84.6 23.9 141
25	41.9 55.9 353	47.8 46.6 353	53.7 37.3 353	59.7 28.0 353	65.6 18.6 353	71.5 9.3 353	77.4 0.0 0	81.6 8.6 162	85.8 17.2 162
26	41.7 57.1 345	47.7 48.1 344	53.7 39.1 342	59.8 30.2 339	65.9 21.5 334	72.1 13.3 325	78.6 6.3 298	82.5 6.8 238	86.8 12.0 200
27	42.2 60.4 339	48.3 51.7 337	54.4 43.1 334	60.6 34.7 331	66.9 26.6 325	73.3 19.1 316	79.8 12.5 298	83.5 11.3 268	87.6 13.6 238

	J	K	L	M	N	O	P	Q	R
01	22.6 9.5 31	27.9 11.0 97	31.5 16.2 130	35.8 23.9 141	40.1 32.0 146	44.4 40.2 149	48.6 48.6 151	52.9 57.1 153	57.2 65.5 154
02	22.7 9.3 353	28.6 0.0 0	32.9 8.6 162	37.1 17.2 162	41.3 25.7 162	45.5 34.3 162	49.8 42.9 162	54.0 51.5 162	58.2 60.1 162
03	23.4 13.3 325	29.8 6.3 298	33.7 6.8 238	38.1 12.0 200	42.4 19.1 188	46.7 26.8 181	51.0 34.7 178	55.2 42.8 175	59.5 51.0 173
04	24.5 19.1 316	31.0 12.5 298	34.8 11.3 268	38.8 13.6 238	43.1 17.9 213	47.5 24.0 200	51.8 30.9 193	56.1 38.2 188	60.4 45.8 184
05	25.7 25.1 312	32.2 18.8 298	36.0 17.0 278	39.6 17.4 258	43.9 20.5 238	48.2 24.2 219	52.5 29.7 208	56.9 36.1 200	61.2 42.8 195
06	26.9 31.2 309	33.4 25.0 298	37.3 22.9 283	40.9 22.6 268	44.5 23.9 253	49.0 27.3 238	53.3 30.7 223	57.6 35.8 213	61.9 41.7 206
07	28.1 37.4 307	34.6 31.3 298	38.6 29.0 286	42.2 28.2 274	45.7 28.6 262	49.5 30.4 250	54.1 34.1 238	58.3 37.2 225	62.7 42.0 216
08	29.3 43.5 306	35.8 37.5 298	39.8 35.1 288	43.5 33.9 278	47.0 33.9 268	50.6 34.9 258	54.5 37.1 248	59.2 40.9 238	63.4 43.9 227
09	30.5 49.8 305	37.0 43.8 298	41.0 41.3 290	44.7 39.9 281	48.3 39.4 272	51.8 39.8 264	55.5 41.2 255	59.6 43.8 247	64.3 47.7 238
10	33.8 38.0 31	39.0 34.6 48	43.6 34.3 64	48.6 36.9 80	54.9 43.9 97	57.5 46.1 110	61.2 51.4 119	65.3 57.7 125	69.5 64.8 130
11	33.9 36.2 22	39.8 28.5 31	44.9 25.6 53	49.6 26.8 75	55.7 32.9 97	58.5 35.8 113	62.4 41.6 123	66.6 48.6 130	70.8 56.0 134
12	34.0 35.5 12	39.9 26.9 18	45.9 19.0 31	50.8 17.1 64	56.4 22.0 97	59.6 25.7 119	63.7 32.4 130	67.9 39.9 136	72.2 47.7 141
13	34.1 35.9 2	40.0 26.7 5	46.0 17.8 12	51.9 9.5 31	57.1 11.0 97	60.8 16.2 130	65.1 23.9 141	69.4 32.0 146	73.6 40.2 149
14	34.2 37.3 353	40.1 28.0 353	46.1 18.6 353	52.0 9.3 353	57.9 0.0 0	62.1 8.6 162	66.3 17.2 162	70.6 25.7 162	74.8 34.3 162
15	34.2 39.1 342	40.3 30.2 339	46.4 21.5 334	52.6 13.3 325	59.1 6.3 298	63.0 6.8 238	67.3 12.0 200	71.6 19.1 188	75.9 26.8 181
16	34.9 43.1 334	41.1 34.7 331	47.4 26.6 325	53.8 19.1 316	60.3 12.5 298	64.0 11.3 268	68.1 13.6 238	72.4 17.9 213	76.7 24.0 200
17	35.9 48.0 329	42.2 39.9 325	48.5 32.3 320	55.0 25.1 312	61.5 18.8 298	65.3 17.0 278	68.9 17.4 258	73.2 20.5 238	77.4 24.2 219
18	36.9 53.3 325	43.3 45.5 322	49.7 38.1 316	56.1 31.2 309	62.6 25.0 298	66.6 22.9 283	70.1 22.6 268	73.8 23.9 253	78.3 27.3 238
19	45.0 66.6 31	50.4 62.4 41	55.2 60.2 50	59.8 59.7 59	64.5 60.8 69	69.5 63.6 78	75.1 68.7 87	81.9 76.9 97	84.1 78.0 105
20	45.1 64.5 26	51.0 57.1 31	56.3 53.0 42	61.1 51.3 53	65.7 51.4 64	70.5 53.5 75	76.0 58.0 86	82.7 65.9 97	85.0 67.3 106
21	45.2 63.1 20	51.1 55.0 25	57.1 47.6 31	62.3 43.8 44	67.0 42.6 57	71.7 43.7 71	76.9 47.4 84	83.4 54.9 97	85.8 56.7 108
22	45.3 62.4 15	51.3 53.8 18	57.2 45.6 23	63.1 38.0 31	68.2 34.6 48	72.9 34.3 64	77.8 36.9 80	84.2 43.9 97	86.8 46.1 110
23	45.4 62.2 9	51.4 53.3 12	57.3 44.6 16	63.2 36.2 22	69.1 28.5 31	74.1 25.6 53	78.8 26.8 75	84.9 32.9 97	87.7 35.8 113
24	45.5 62.6 4	51.5 53.5 5	57.4 44.4 8	63.3 35.5 12	69.2 26.9 18	75.1 19.0 31	80.0 17.1 64	85.7 22.0 97	88.8 25.7 119
25	45.6 63.6 358	51.6 54.3 359	57.5 45.1 0	63.4 35.9 2	69.3 26.7 5	75.2 17.8 12	81.1 9.5 31	86.4 11.0 97	90.0 16.2 130
26	45.7 65.2 353	51.7 55.9 353	57.6 46.6 353	63.5 37.3 353	69.4 28.0 353	75.3 18.6 353	81.2 9.3 353	87.1 0.0 0	91.4 8.6 162
27	45.5 66.3 346	51.5 57.1 345	57.5 48.1 344	63.5 39.1 342	69.5 30.2 339	75.7 21.5 334	81.9 13.3 325	88.3 6.3 298	92.2 6.8 238

	S	T	U	V	W	X	Y	Z	a
01	26.4 19.0 31	31.2 17.1 64	36.9 22.0 97	40.1 25.7 119	44.2 32.4 130	48.4 39.9 136	52.7 47.7 141	57.0 55.8 144	61.3 63.9 146
02	26.5 17.8 12	32.4 9.5 31	37.6 11.0 97	41.3 16.2 130	45.6 23.9 141	49.9 32.0 146	54.1 40.2 149	58.4 48.6 151	62.7 57.1 153
03	26.6 18.6 353	32.5 9.3 353	38.4 0.0 0	42.6 8.6 162	46.8 17.2 162	51.1 25.7 162	55.3 34.3 162	59.5 42.9 162	63.7 51.5 162
04	26.9 21.5 334	33.1 13.3 325	39.6 6.3 298	43.5 6.8 238	47.8 12.0 200	52.1 19.1 188	56.4 26.8 181	60.7 34.7 178	65.0 42.8 175
05	27.9 26.6 325	34.3 19.1 316	40.8 12.5 298	44.5 11.3 268	48.6 13.6 238	52.9 17.9 213	57.2 24.0 200	61.6 30.9 193	65.9 38.2 188
06	29.0 32.3 320	35.5 25.1 312	42.0 18.8 298	45.8 17.0 278	49.4 17.4 258	53.7 20.5 238	57.9 24.2 219	62.3 29.7 208	66.6 36.1 200
07	30.2 38.1 316	36.6 31.2 309	43.1 25.0 298	47.1 22.9 283	50.6 22.6 268	54.3 23.9 253	58.8 27.3 238	63.0 30.7 223	67.3 35.8 213
08	31.3 44.1 314	37.8 37.4 307	44.3 31.3 298	48.3 29.0 286	51.9 28.2 274	55.5 28.6 262	59.3 30.4 250	63.8 34.1 238	68.1 37.2 225
09	32.5 50.2 312	39.0 43.5 306	45.5 37.5 298	49.6 35.1 288	53.2 33.9 278	56.7 33.9 268	60.3 34.9 258	64.3 37.1 248	68.9 40.9 238
10	37.6 47.6 31	42.8 43.8 44	47.5 42.6 57	52.2 43.7 71	57.4 47.4 84	63.9 54.9 97	66.3 56.7 108	69.9 61.3 115	73.8 67.3 121
11	37.7 45.6 23	43.6 38.0 31	48.7 34.6 48	53.4 34.3 64	58.3 36.9 80	64.7 43.9 97	67.3 46.1 110	71.0 51.4 119	75.0 57.7 125
12	37.8 44.6 16	43.7 36.2 22	49.6 28.5 31	54.6 25.6 53	59.3 26.8 75	65.4 32.9 97	68.2 35.8 113	72.1 41.6 123	76.3 48.6 130
13	37.9 44.4 8	43.8 35.5 12	49.7 26.9 18	55.6 19.0 31	60.5 17.1 64	66.2 22.0 97	69.3 25.7 119	73.4 32.4 130	77.7 39.9 136
14	38.0 45.1 0	43.9 35.9 2	49.8 26.7 5	55.7 17.8 12	61.6 9.5 31	66.9 11.0 97	70.5 16.2 130	74.8 23.9 141	79.1 32.0 146
15	38.1 46.6 353	44.0 37.3 353	49.9 28.0 353	55.8 18.6 353	61.7 9.3 353	67.6 0.0 0	71.9 8.6 162	76.1 17.2 162	80.3 25.7 162
16	38.0 48.1 344	44.0 39.1 342	50.0 30.2 339	56.2 21.5 334	62.4 13.3 325	68.8 6.3 298	72.7 6.8 238	77.1 12.0 200	81.4 19.1 188
17	38.5 51.7 337	44.7 43.1 334	50.9 34.7 331	57.1 26.6 325	63.5 19.1 316	70.0 12.5 298	73.8 11.3 268	77.8 13.6 238	82.1 17.9 213
18	39.4 56.2 332	45.6 48.0 329	51.9 39.9 325	58.3 32.3 320	64.7 25.1 312	71.2 18.8 298	75.1 17.0 278	78.6 17.4 258	82.9 20.5 238
19	48.7 76.1 31	54.1 71.7 39	59.0 69.2 48	63.7 68.2 56	68.3 68.6 64	73.1 70.4 72	78.2 73.9 80	84.0 79.5 89	90.9 87.8 97
20	48.9 74.0 26	54.8 66.6 31	60.1 62.4 41	65.0 60.2 50	69.6 59.7 59	74.3 60.8 69	79.2 63.6 78	84.9 68.7 87	91.7 76.9 97
21	49.0 72.5 22	54.9 64.5 26	60.8 57.1 31	66.1 53.0 42	70.8 51.3 53	75.5 51.4 64	80.3 53.5 75	85.7 58.0 86	92.4 65.9 97
22	49.1 71.5 17	55.0 63.1 20	60.9 55.0 25	66.8 47.6 31	72.0 43.8 44	76.7 42.6 57	81.4 43.7 71	86.6 47.4 84	93.2 54.9 97
23	49.2 71.1 12	55.1 62.4 15	61.0 53.8 18	66.9 45.6 23	72.8 38.0 31	78.0 34.6 48	82.6 34.3 64	87.6 36.9 80	93.9 43.9 97
24	49.3 71.2 7	55.2 62.2 9	61.1 53.3 12	67.0 44.6 16	72.9 36.2 22	78.8 28.5 31	83.9 25.6 53	88.6 26.8 75	94.7 32.9 97
25	49.4 71.7 2	55.3 62.6 4	61.2 53.5 5	67.1 44.4 8	73.0 35.5 12	79.0 26.9 18	84.9 19.0 31	89.8 17.1 64	95.4 22.0 97
26	49.5 72.9 357	55.4 63.6 358	61.3 54.3 359	67.2 45.1 0	73.1 35.9 2	79.1 26.7 5	85.0 17.8 12	90.9 9.5 31	96.2 11.0 97
27	49.6 74.5 353	55.5 65.2 353	61.4 55.9 353	67.3 46.6 353	73.2 37.3 353	79.2 28.0 353	85.1 18.6 353	91.0 9.3 353	96.9 0.0 0

	b	c	d	e	f	g	h	i	j	k	LAB*LCH*a		
01	96.9 0.0 0	90.9 9.5 31	84.9 19.0 31	78.8 28.5 31	72.8 38.0 31	66.8 47.6 31	60.8 57.1 31	54.8 66.6 31	48.7 76.1 31	18.9 0.0 0	18.9 0.0 0	18.9 0.0 0	18.9 0.0 0
02	92.2 6.8 238	87.1 0.0 0	81.1 9.5 31	75.1 19.0 31	69.1 28.5 31	63.1 38.0 31	57.1 47.6 31	51.0 57.1 31	45.0 66.6 31	28.6 0.0 0	28.6 0.0 0	28.6 0.0 0	28.6 0.0 0
03	87.6 13.6 238	82.5 6.8 238	77.4 0.0 0	71.4 9.5 31	65.4 19.0 31	59.3 28.5 31	53.3 38.0 31	47.3 47.6 31	41.3 57.1 31	38.4 0.0 0	38.4 0.0 0	38.4 0.0 0	38.4 0.0 0
04	82.9 20.5 238	77.8 13.6 238	72.7 6.8 238	67.6 0.0 0	61.6 9.5 31	55.6 19.0 31	49.6 28.5 31	43.6 38.0 31	37.6 47.6 31	48.1 0.0 0	48.1 0.0 0	48.1 0.0 0	48.1 0.0 0
05	78.3 27.3 238	73.2 20.5 238	68.1 13.6 238	63.0 6.8 238	57.9 0.0 0	51.9 9.5 31	45.9 19.0 31	39.8 28.5 31	33.8 38.0 31	57.9 0.0 0	57.9 0.0 0	57.9 0.0 0	57.9 0.0 0
06	73.6 34.1 238	68.5 27.3 238	63.4 20.5 238	58.3 13.6 238	53.2 6.8 238	48.1 0.0 0	42.1 9.5 31	36.1 19.0 31	30.1 28.5 31	67.6 0.0 0	67.6 0.0 0	67.6 0.0 0	67.6 0.0 0
07	68.9 40.9 238	63.8 34.1 238	58.8 27.3 238	53.7 20.5 238	48.6 13.6 238	43.5 6.8 238	38.4 0.0 0	32.4 9.5 31	26.4 19.0 31	77.4 0.0 0	77.4 0.0 0	77.4 0.0 0	77.4 0.0 0
08	64.3 47.7 238	59.2 40.9 238	54.1 34.1 238	49.0 27.3 238	43.9 20.5 238	38.8 13.6 238	33.7 6.8 238	28.6 0.0 0	22.6 9.5 31	87.1 0.0 0	87.1 0.0 0	87.1 0.0 0	87.1 0.0 0
09	59.6 54.6 238	54.5 47.7 238	49.4 40.9 238	44.3 34.1 238	39.2 27.3 238	34.2 20.5 238	29.1 13.6 238	24.0 6.8 238	18.9 0.0 0	96.9 0.0 0	96.9 0.0 0	96.9 0.0 0	96.9 0.0 0
10	96.9 0.0 0	96.2 11.0 97	95.4 22.0 97	94.7 32.9 97	93.9 43.9 97	93.2 54.9 97	92.4 65.9 97	91.7 76.9 97	90.9 87.8 97	18.9 0.0 0	18.9 0.0 0	18.9 0.0 0	18.9 0.0 0
11	88.3 6.3 298	87.1 0.0 0	86.4 11.0 97	85.7 22.0 97	84.9 32.9 97	84.2 43.9 97	83.4 54.9 97	82.7 65.9 97	81.9 76.9 97	24.1 0.0 0	24.1 0.0 0	24.1 0.0 0	24.1 0.0 0
12	79.8 12.5 298	78.6 6.3 298	77.4 0.0 0	76.6 11.0 97	75.9 22.0 97	75.2 32.9 97	74.4 43.9 97	73.7 54.9 97	72.9 65.9 97	29.3 0.0 0	29.3 0.0 0	29.3 0.0 0	29.3 0.0 0
13	71.2 18.8 298	70.0 12.5 298	68.8 6.3 298	67.6 0.0 0	66.9 11.0 97	66.2 22.0 97	65.4 32.9 97	64.7 43.9 97	63.9 54.9 97	34.5 0.0 0	34.5 0.0 0	34.5 0.0 0	34.5 0.0 0
14	62.6 25.0 298	61.5 18.8 298	60.3 12.5 298	59.1 6.3 298	57.9 0.0 0	57.1 11.0 97	56.4 22.0 97	55.7 32.9 97	54.9 43.9 97	39.7 0.0 0	39.7 0.0 0	39.7 0.0 0	39.7 0.0 0
15	54.1 31.3 298	52.9 25.0 298	51.7 18.8 298	50.5 12.5 298	49.3 6.3 298	48.1 0.0 0	47.4 11.0 97	46.6 22.0 97	45.9 32.9 97	44.9 0.0 0	44.9 0.0 0	44.9 0.0 0	44.9 0.0 0
16	45.5 37.5 298	44.3 31.3 298	43.1 25.0 298	42.0 18.8 298	40.8 12.5 298	39.6 6.3 298	38.4 0.0 0	37.6 11.0 97	36.9 22.0 97	50.1 0.0 0	50.1 0.0 0	50.1 0.0 0	50.1 0.0 0
17	37.0 43.8 298	35.8 37.5 298	34.6 31.3 298	33.4 25.0 298	32.2 18.8 298	31.0 12.5 298	29.8 6.3 298	28.6 0.0 0	27.9 11.0 97	55.3 0.0 0	55.3 0.0 0	55.3 0.0 0	55.3 0.0 0
18	28.4 50.1 298	27.2 43.8 298	26.0 37.5 298	24.8 31.3 298	23.6 25.0 298	22.5 18.8 298	21.3 12.5 298	20.1 6.3 298	18.9 0.0 0	60.5 0.0 0	60.5 0.0 0	60.5 0.0 0	60.5 0.0 0
19	96.9 0.0 0	91.4 8.6 162	85.8 17.2 162	80.3 25.7 162	74.8 34.3 162	69.3 42.9 162	63.7 51.5 162	58.2 60.1 162	52.7 68.6 162	65.7 0.0 0	65.7 0.0 0	65.7 0.0 0	65.7 0.0 0
20	91.0 9.3 353	87.1 0.0 0	81.6 8.6 162	76.1 17.2 162	70.6 25.7 162	65.0 34.3 162	59.5 42.9 162	54.0 51.5 162	48.5 60.1 162	70.9 0.0 0	70.9 0.0 0	70.9 0.0 0	70.9 0.0 0
21	85.1 18.6 353	81.2 9.3 353	77.4 0.0 0	71.9 8.6 162	66.3 17.2 162	60.8 25.7 162	55.3 34.3 162	49.8 42.9 162	44.2 51.5 162	76.1 0.0 0	76.1 0.0 0	76.1 0.0 0	76.1 0.0 0
22	79.2 28.0 353	75.3 18.6 353	71.5 9.3 353	67.6 0.0 0	62.1 8.6 162	56.6 17.2 162	51.1 25.7 162	45.5 34.3 162	40.0 42.9 162	81.3 0.0 0	81.3 0.0 0	81.3 0.0 0	81.3 0.0 0
23	73.2 37.3 353	69.4 28.0 353	65.6 18.6 353	61.7 9.3 353	57.9 0.0 0	52.4 8.6 162	46.8 17.2 162	41.3 25.7 162	35.8 34.3 162	86.5 0.0 0	86.5 0.0 0	86.5 0.0 0	86.5 0.0 0
24	67.3 46.6 353	63.5 37.3 353	59.7 28.0 353	55.8 18.6 353	52.0 9.3 353	48.1 0.0 0	42.6 8.6 162	37.1 17.2 162	31.6 25.7 162	91.7 0.0 0	91.7 0.0 0	91.7 0.0 0	91.7 0.0 0
25	61.4 55.9 353	57.6 46.6 353	53.7 37.3 353	49.9 28.0 353	46.1 18.6 353	42.2 9.3 353	38.4 0.0 0	32.9 8.6 162	27.3 17.2 162	96.9 0.0 0	96.9 0.0 0	96.9 0.0 0	96.9 0.0 0
26	55.5 65.2 353	51.7 55.9 353	47.8 46.6 353	44.0 37.3 353	40.1 28.0 353	36.3 18.6 353	32.5 9.3 353	28.6 0.0 0	23.1 8.6 162	18.9 0.0 0	48.7 76.1 31	90.9 87.8 97	52.7 68.6 162
27	49.6 74.5 353	45.7 65.2 353	41.9 55.9 353	38.1 46.6 353	34.2 37.3 353	30.4 28.0 353	26.6 18.6 353	22.7 9.3 353	18.9 0.0 0	96.9 0.0 0	59.6 54.6 238	28.4 50.1 298	49.6 74.5 353

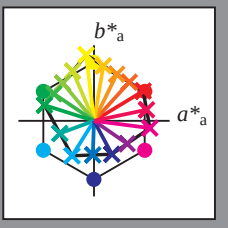
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System ORS19_96a
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

ORS19_96a; adapted (a) CIELAB data

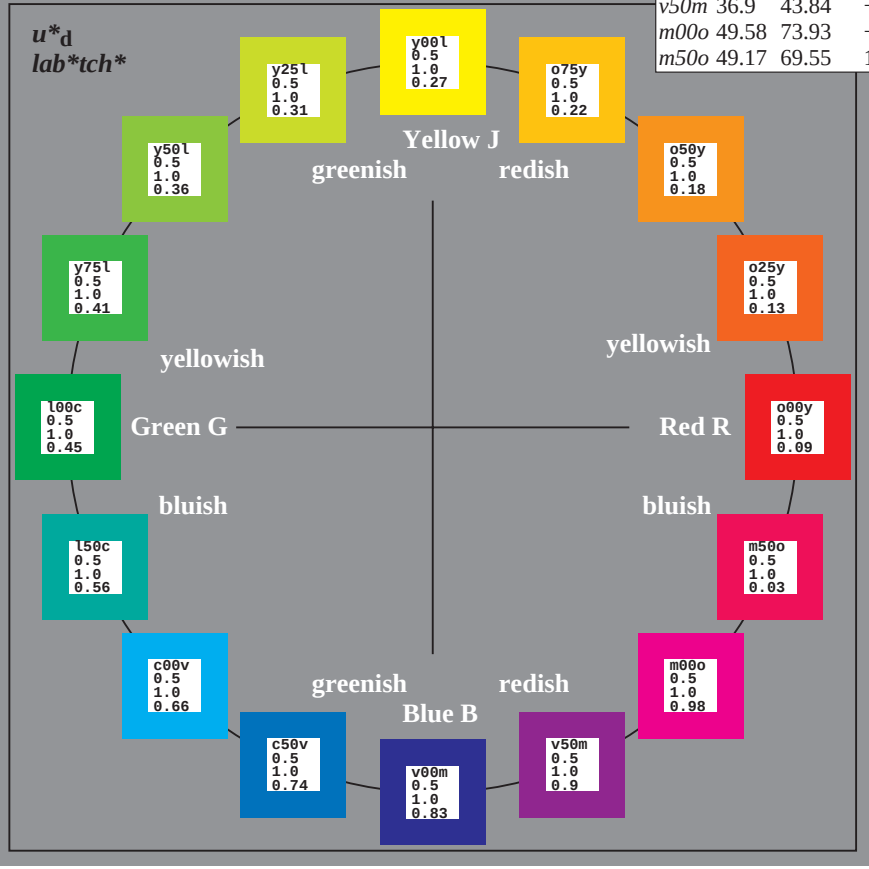
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

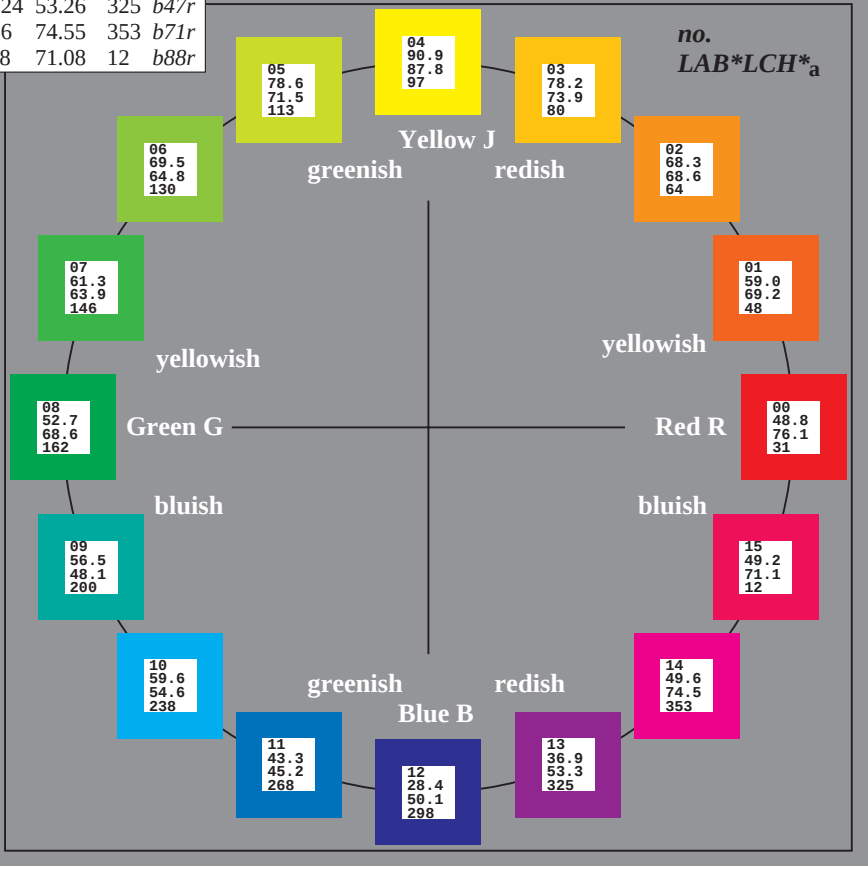


%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

ORS19_96a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





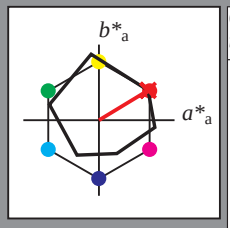
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

$u^*_d = o00y$
lab^*tch^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

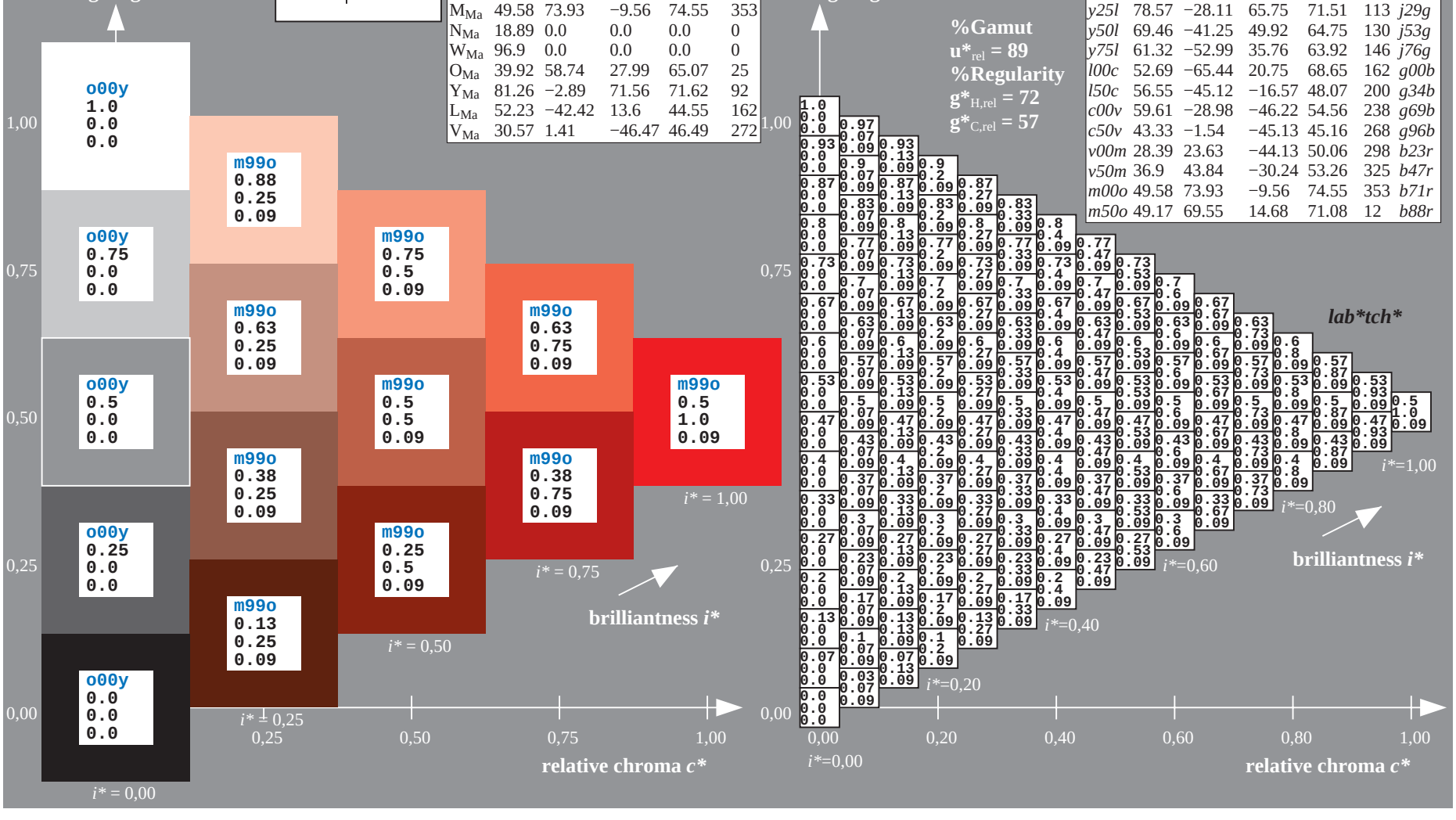
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 65 39
*LAB*LCH**$_{Ma}$: 49 76 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

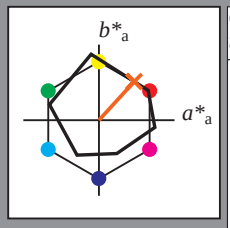
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o25y$ $u^*_e = r33j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

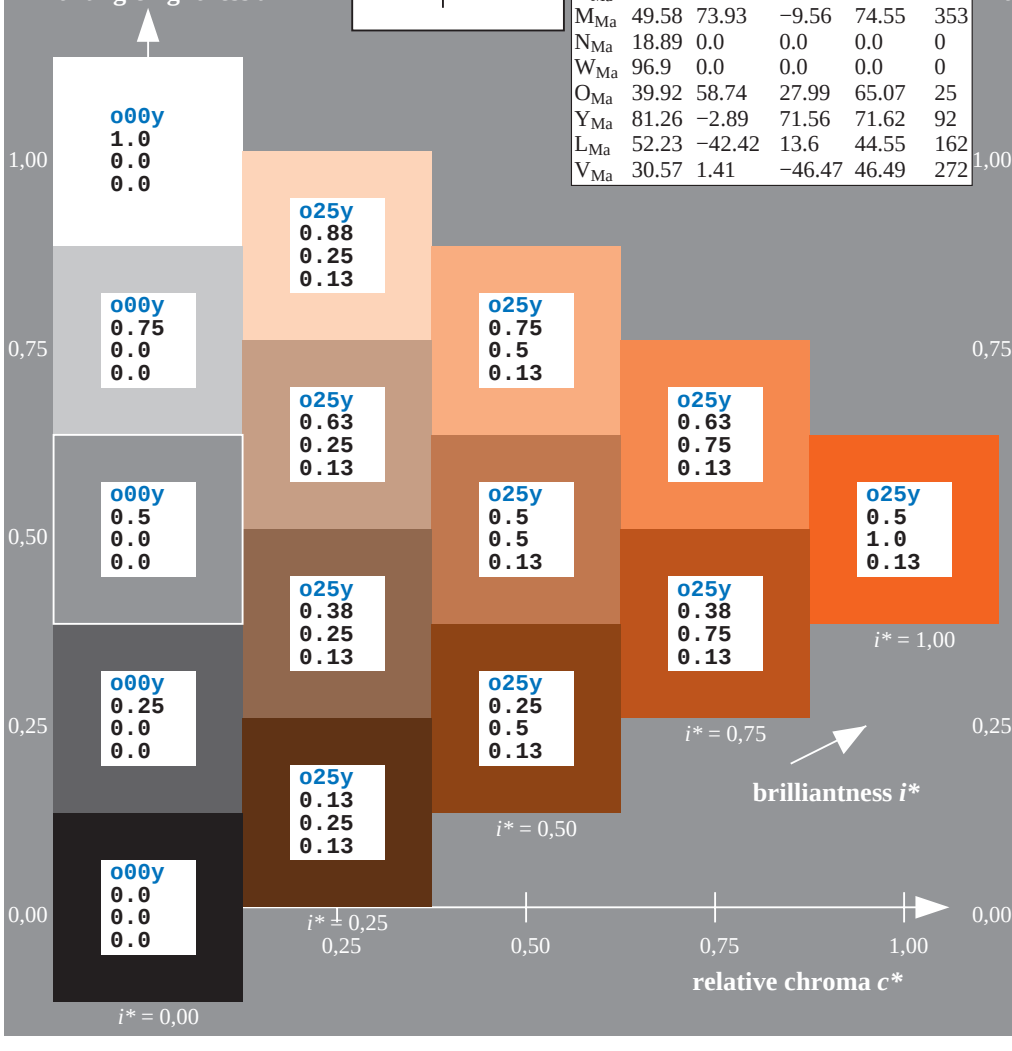
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 47 51
*LAB*LCH**$_{Ma}$: 59 69 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

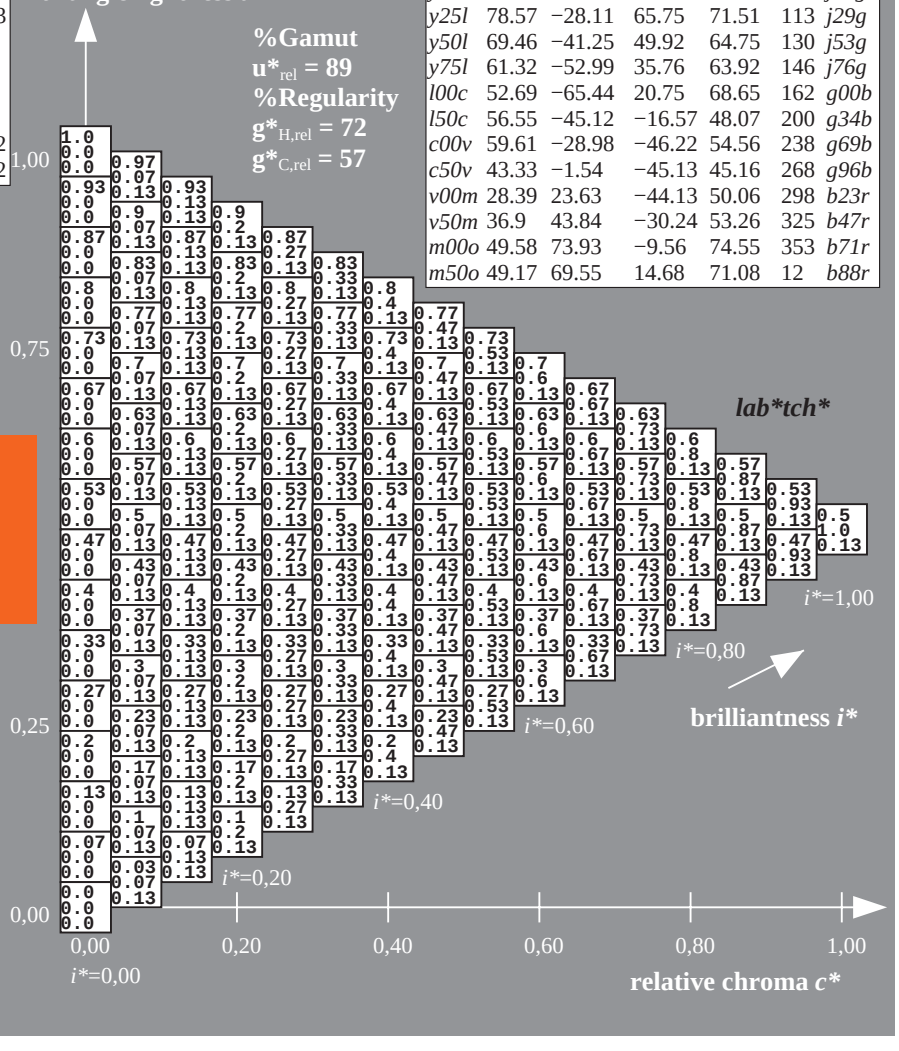
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = o25y$
*lab*tch**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





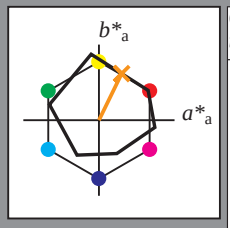
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

$u^*_d = o50y$
lab*tch*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o50y$ $u^*_e = r57j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

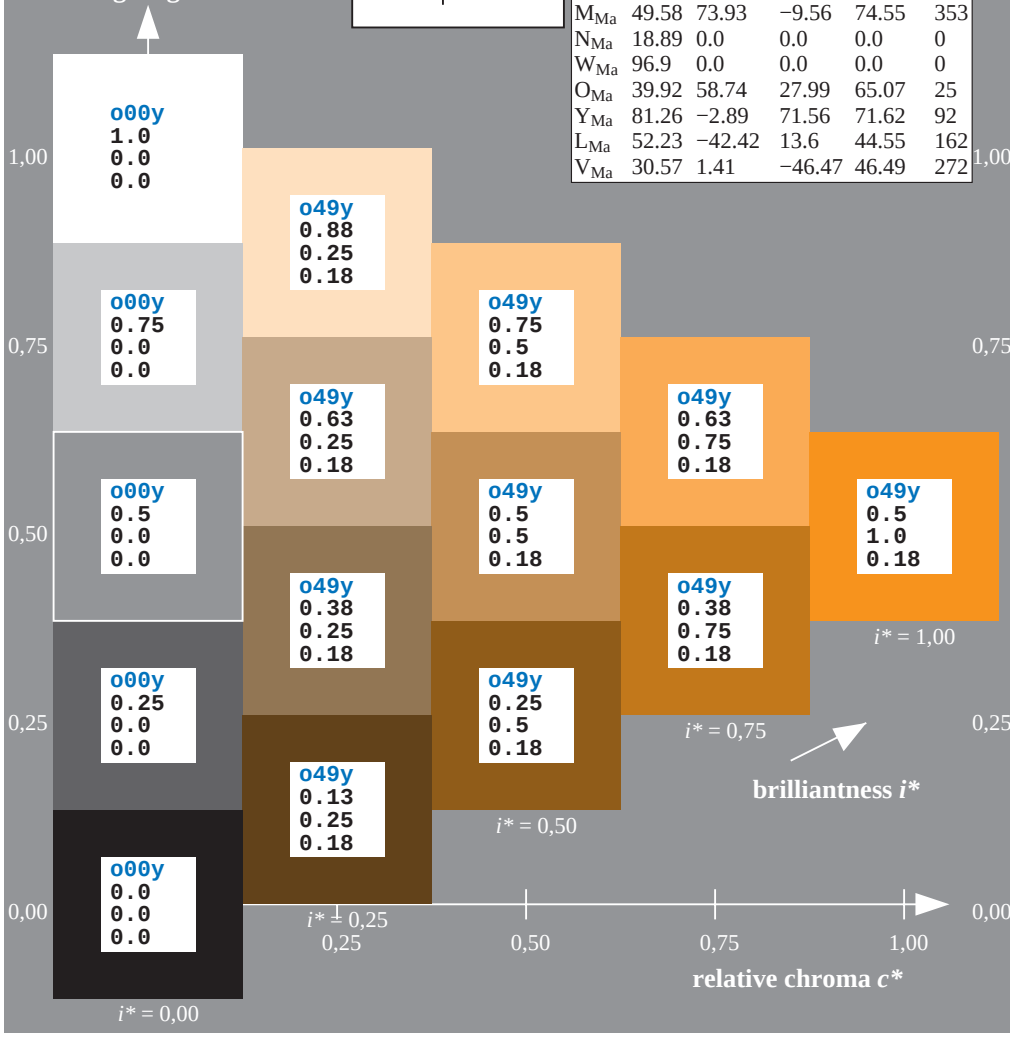
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

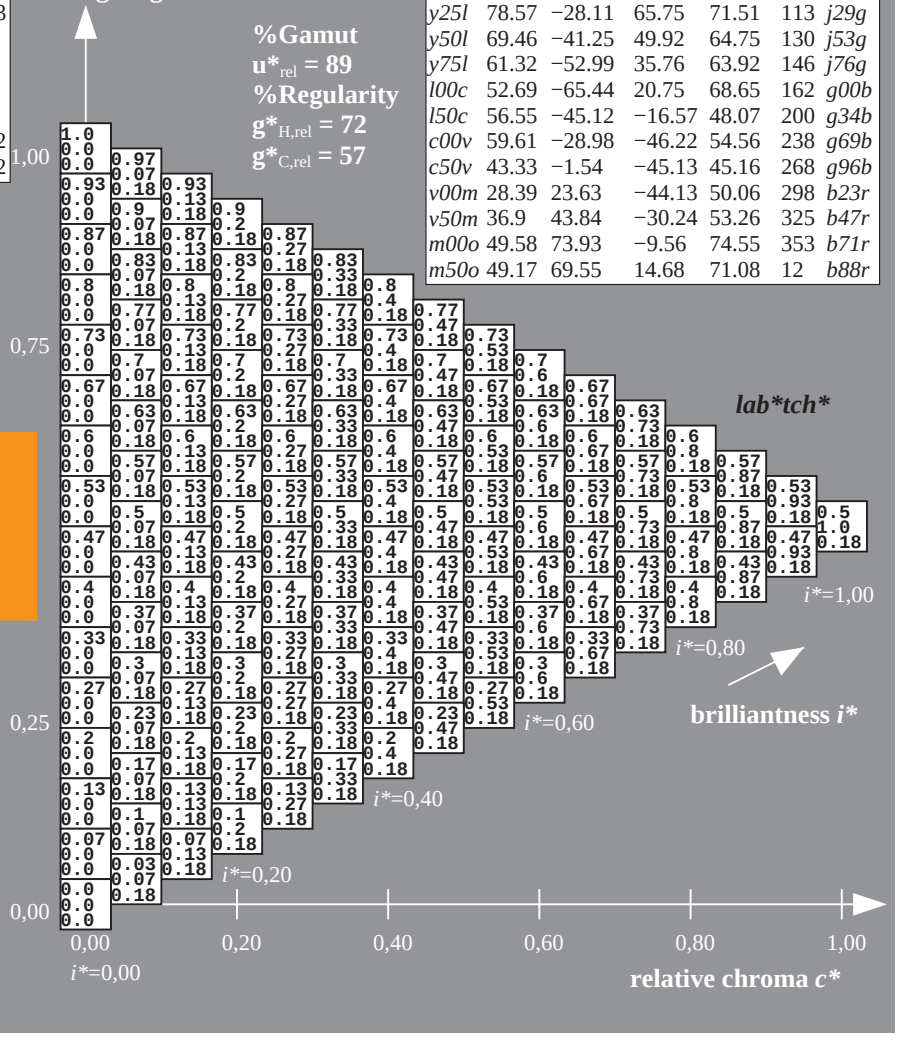
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 68 30 62**
***LAB*LCH*Ma*: 68 69 63**
***lab*olv*Ma*: 1.0 0.5 0.0**
***lab*rgb*Ma*: 1.0 0.58 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





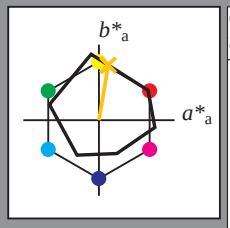
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

$u^*_d = o75y$
lab*tch*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r81j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

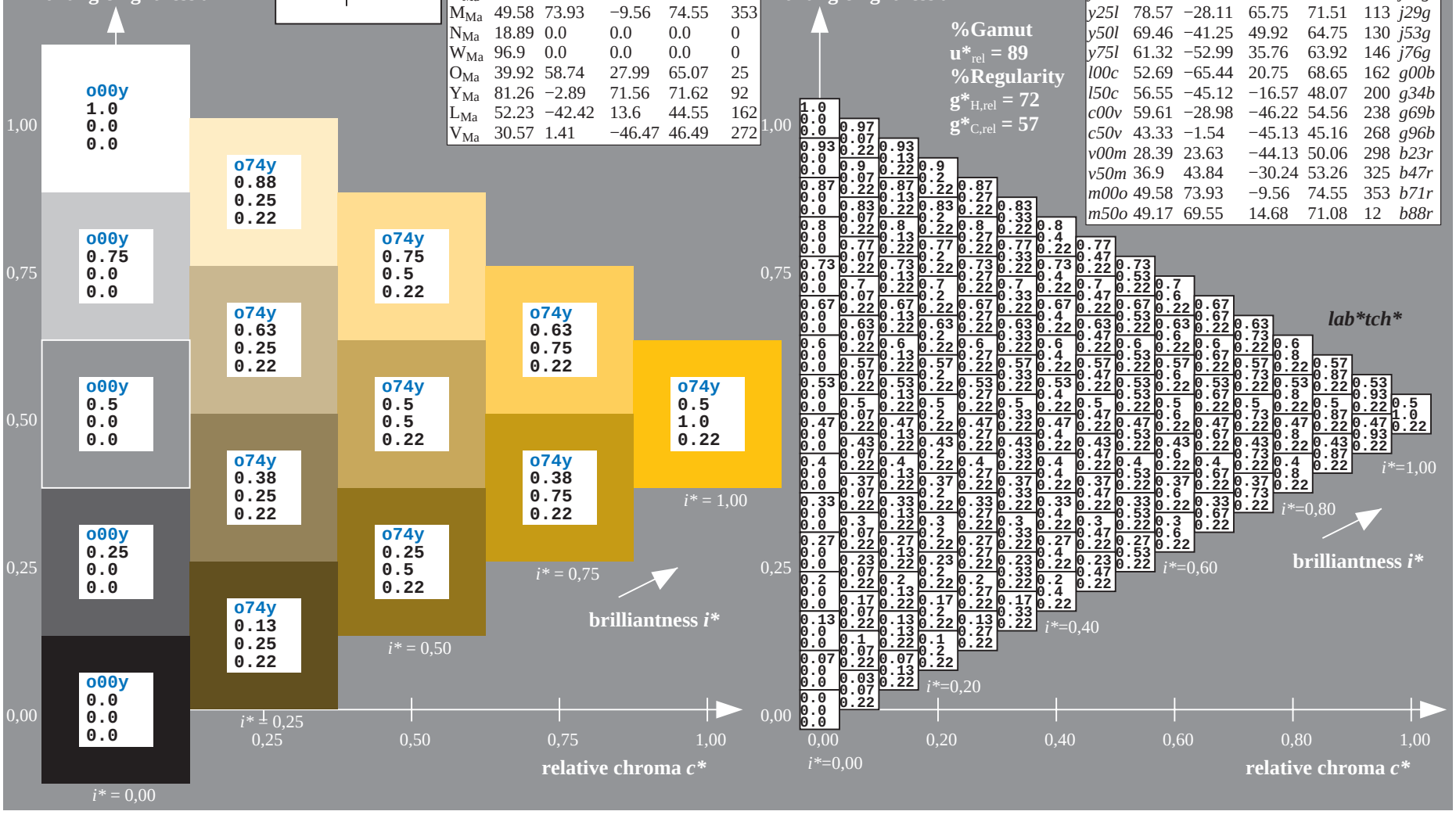
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 78 12 73**
***LAB*LCH*Ma*: 78 74 80**
***lab*olv*Ma*: 1.0 0.75 0.0**
***lab*rgb*Ma*: 1.0 0.82 0.0**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

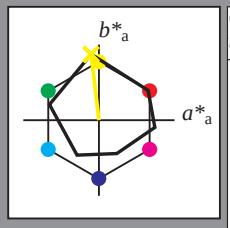
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

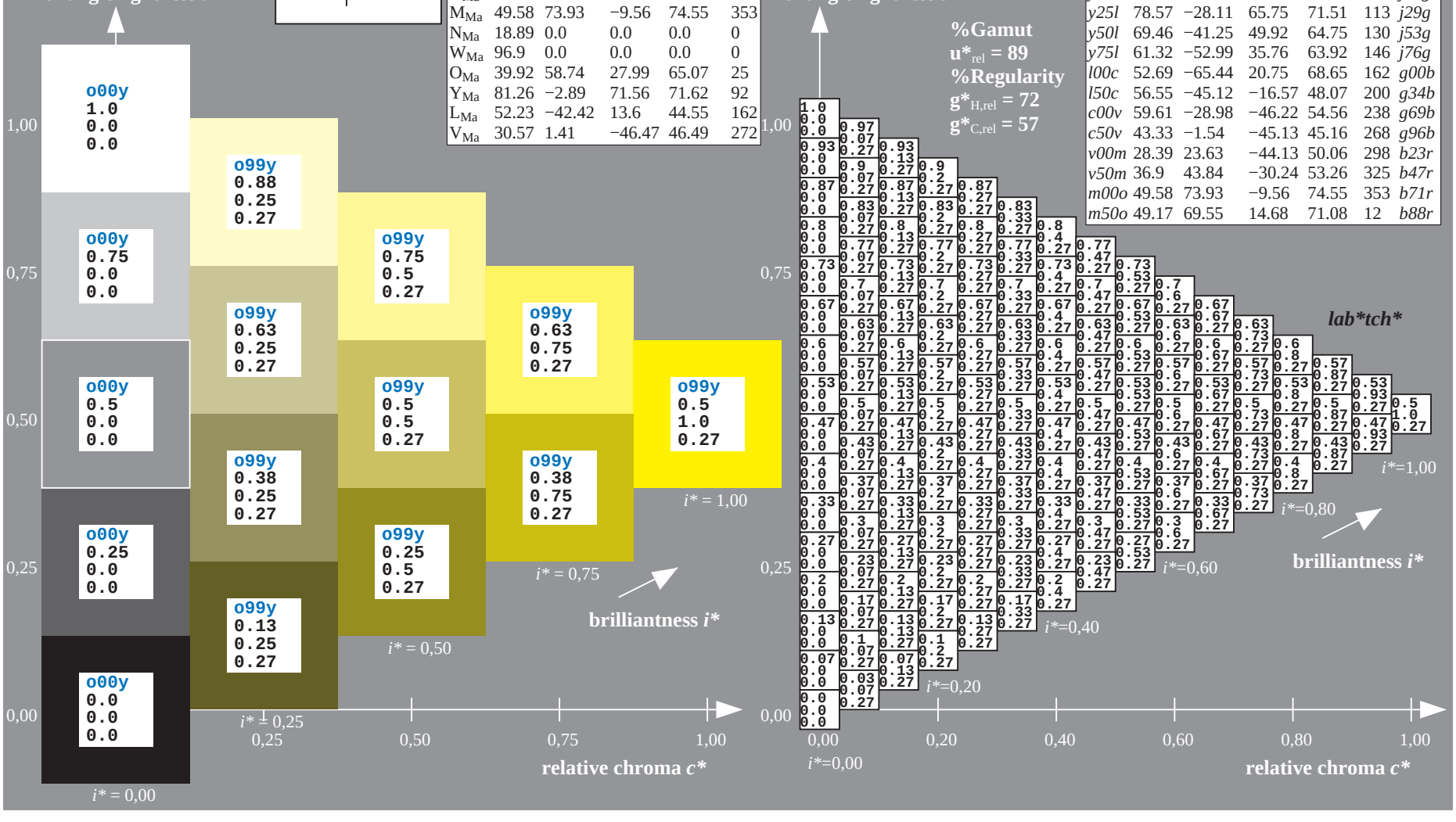
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 91 −10 87
*LAB*LCH**$_{Ma}$: 91 88 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

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

u^*_d = *y00l*
*lab*tch**

ORS19_96a; adapted (a) CIELAB data

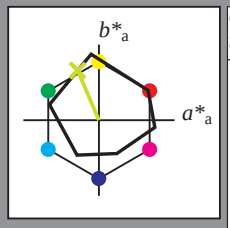
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j29g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

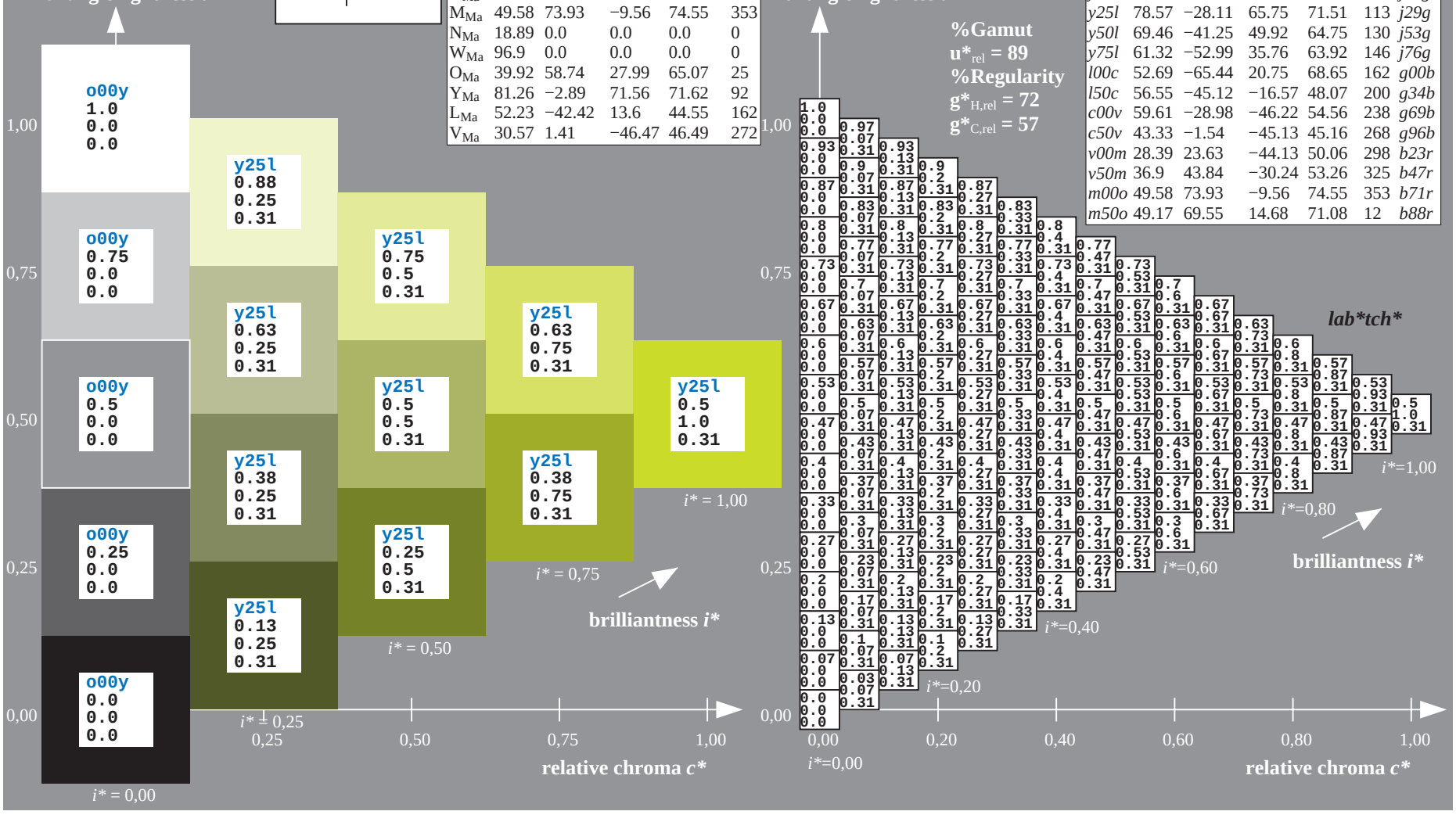
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 79 −28 66**
***LAB*LCH*Ma*: 79 72 113**
***lab*olv*Ma*: 0.75 1.0 0.0**
***lab*rgb*Ma*: 0.7 1.0 0.0**
triangle lightness *t**

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

$u^*_d = y25l$
*lab*tch**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

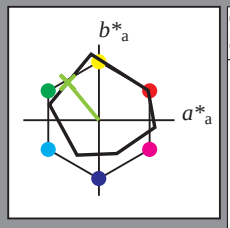


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

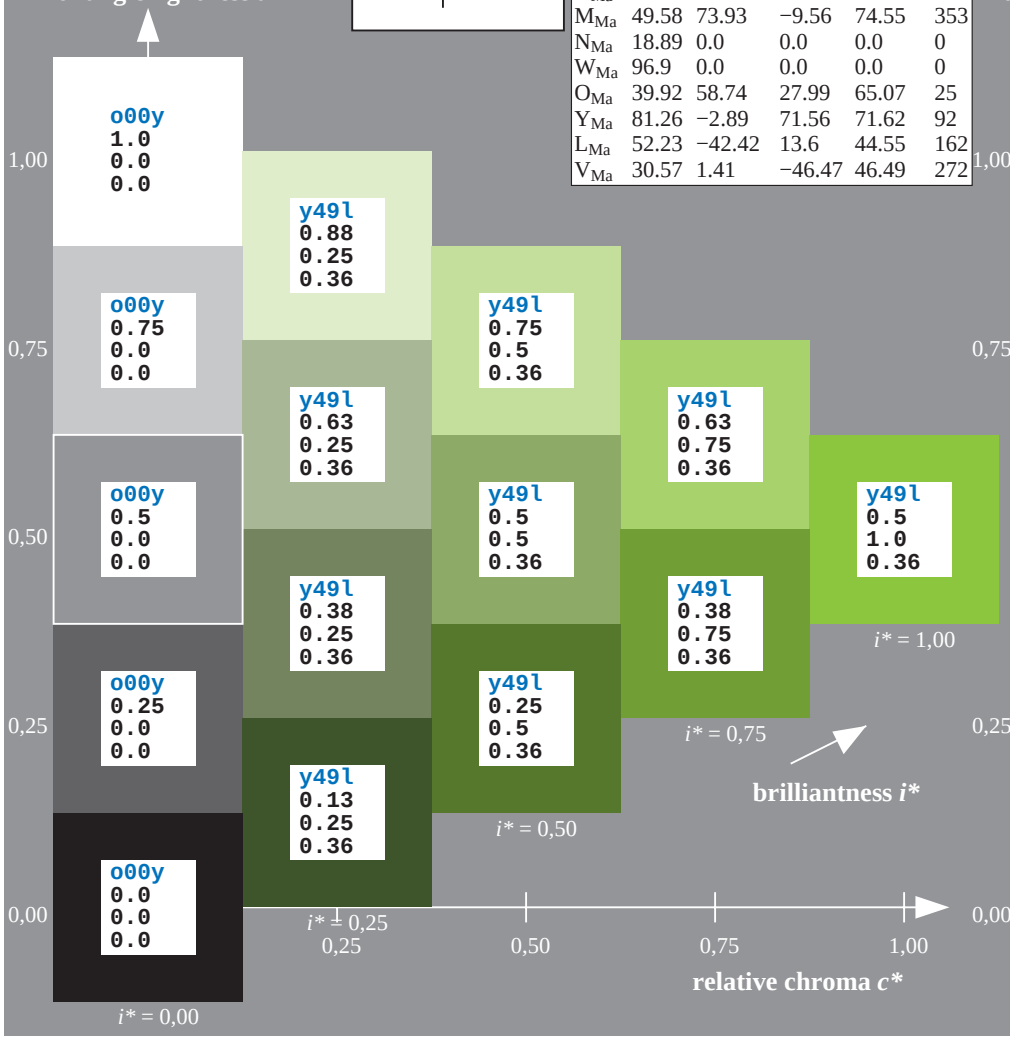
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 69 −41 50
*LAB*LCH**$_{Ma}$: 69 65 129
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.47 1.0 0.0
triangle lightness *t**

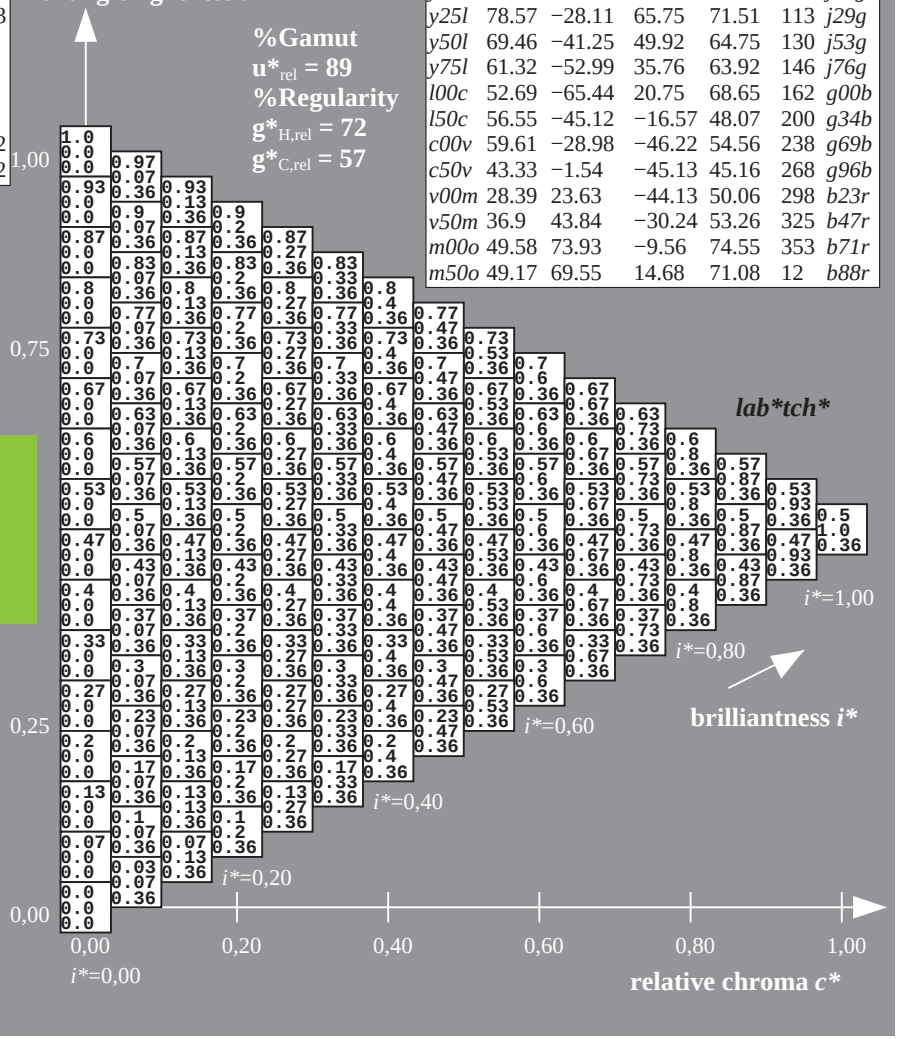
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y50l$
*lab*tch**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



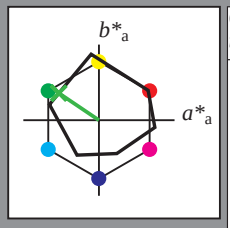


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

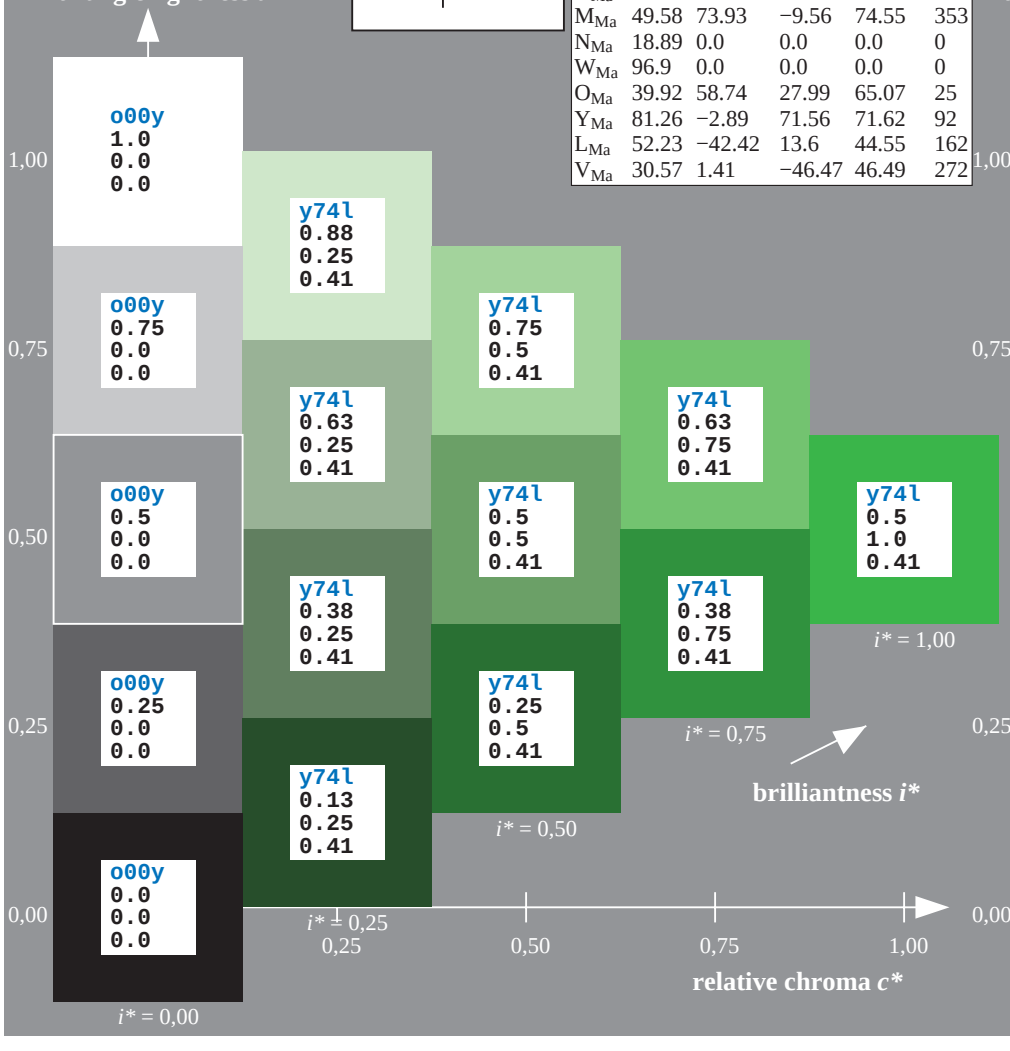
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 61 −53 36**
***LAB*LCH*Ma*: 61 64 145**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.23 1.0 0.0**
triangle lightness *t**

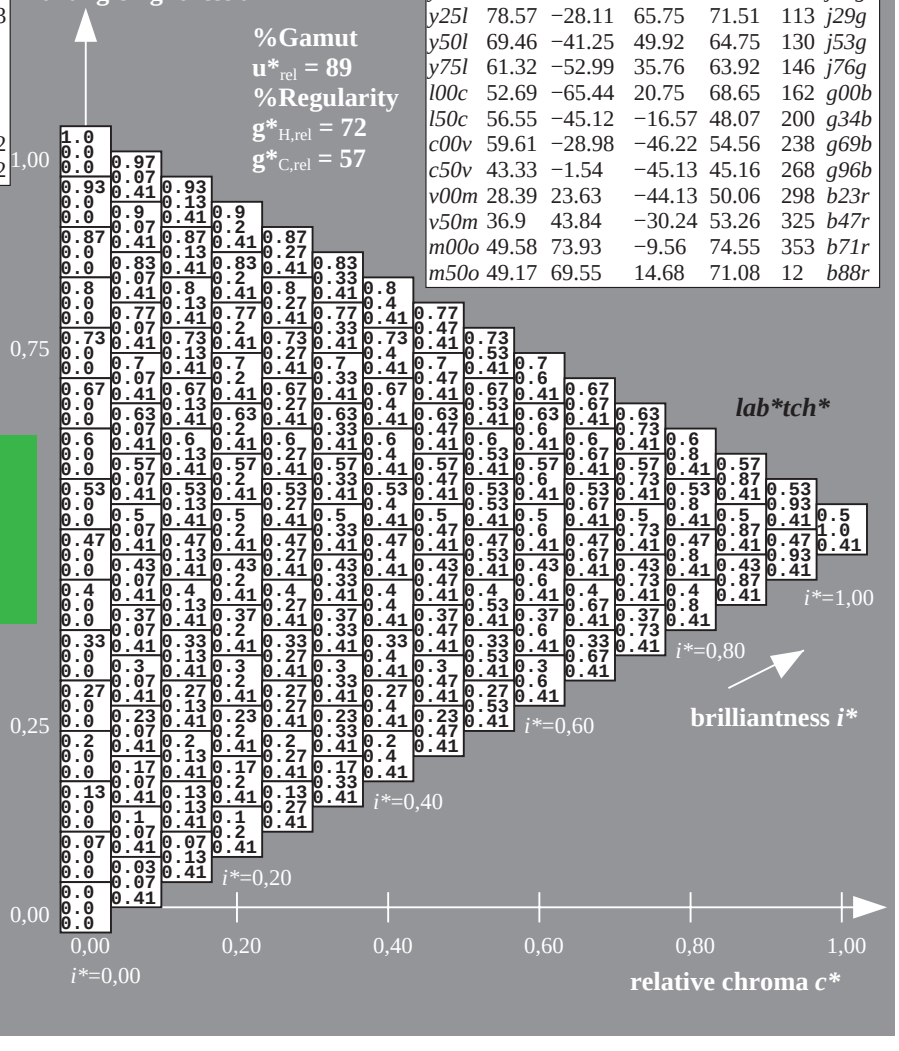
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y75l$
*lab*tch**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



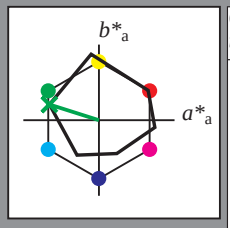


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = g00b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

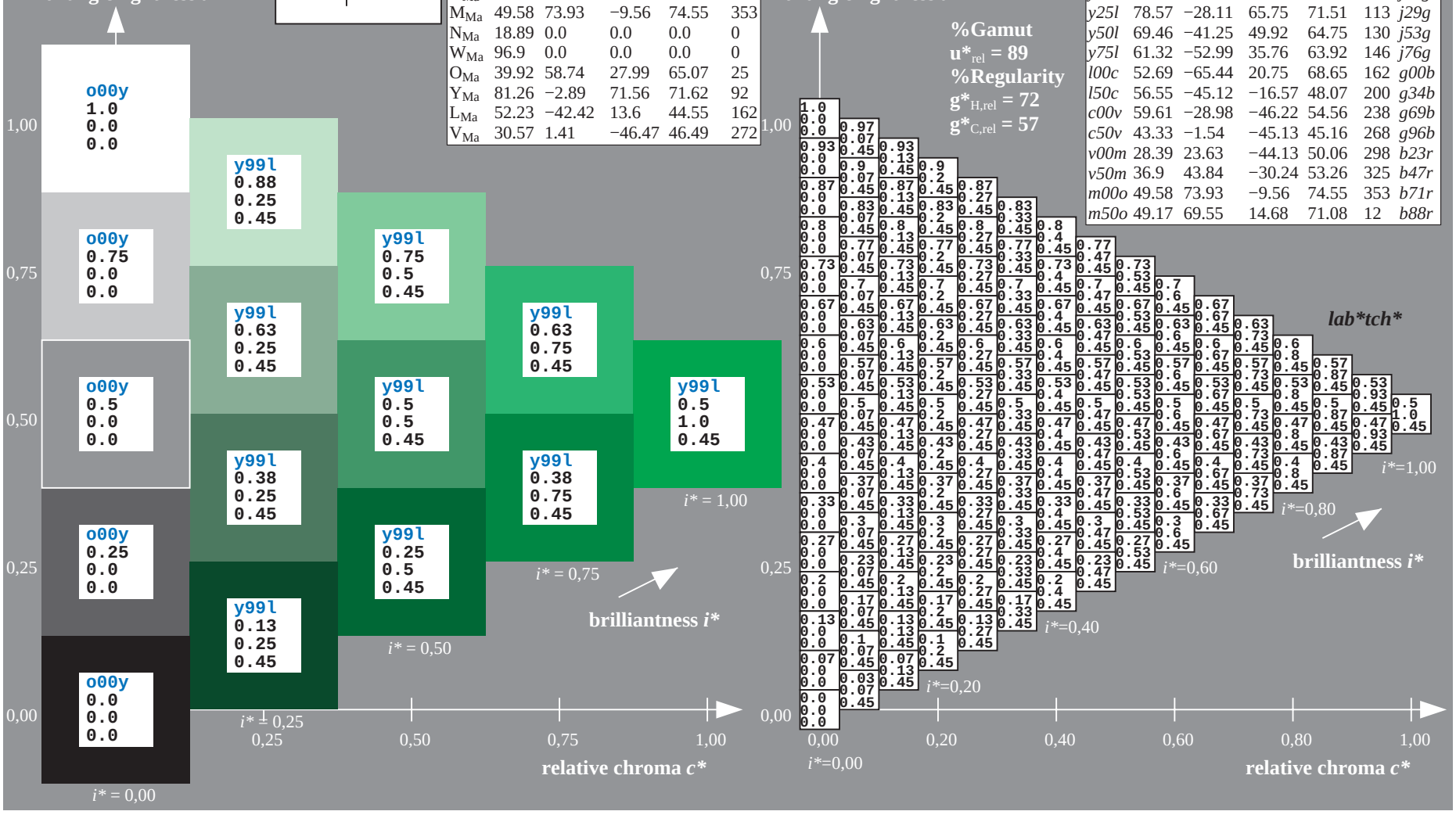
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 53 −65 21**
***LAB*LCH*Ma*: 53 69 162**
***lab*olv*Ma*: 0.0 1.0 0.0**
***lab*rgb*Ma*: 0.0 1.0 0.0**
triangle lightness *t**

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

$u^*_d = l00c$
*lab*tch**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

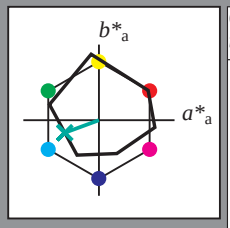


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g34b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

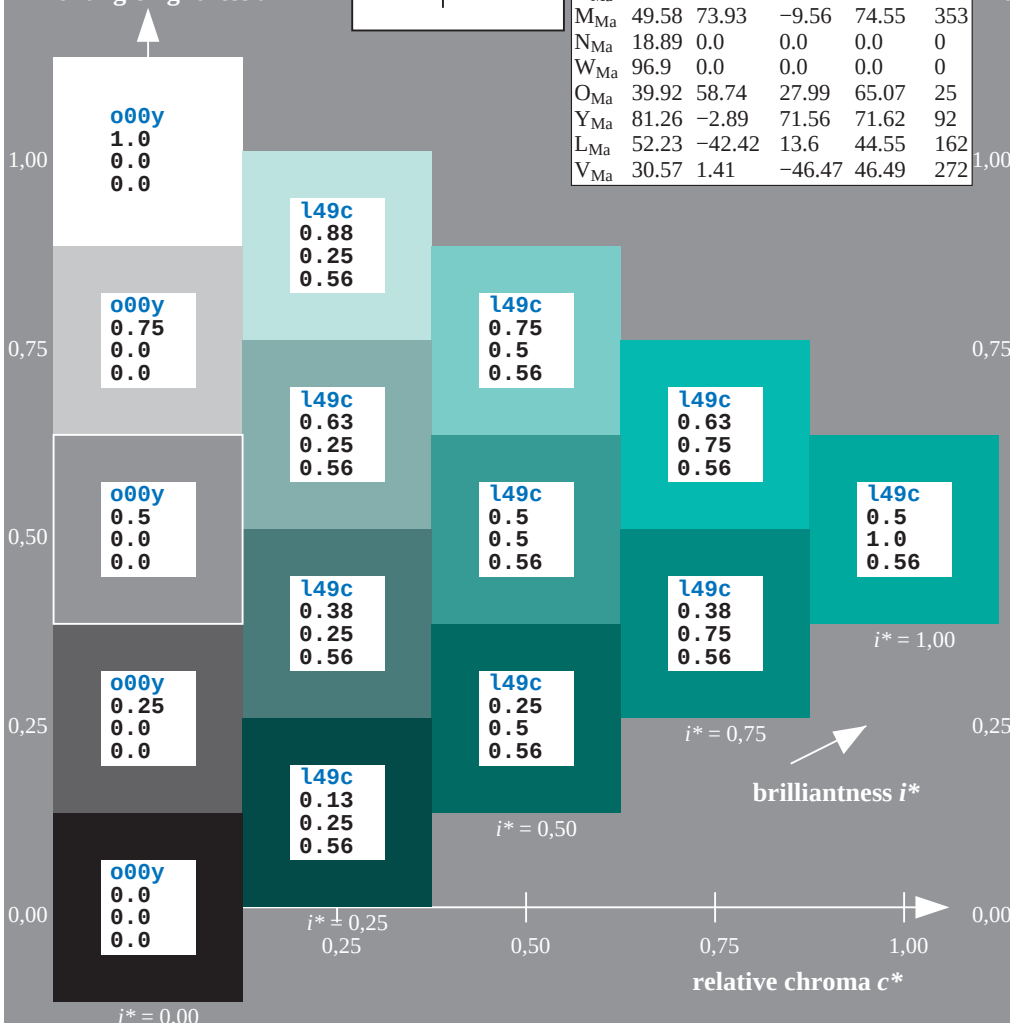
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 57 −45 −17**
***LAB*LCH*Ma*: 57 48 200**
***lab*olv*Ma*: 0.0 1.0 0.5**
***lab*rgb*Ma*: 0.0 1.0 0.69**
triangle lightness *t**

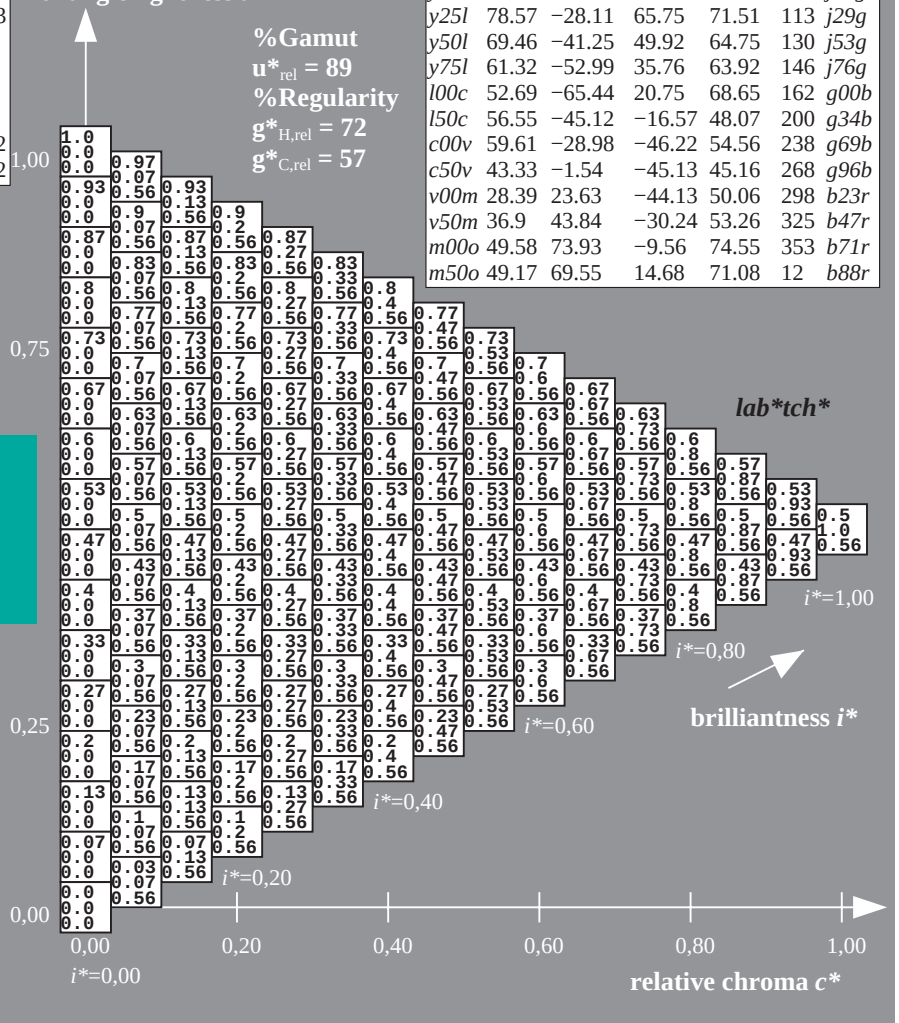
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = l50c$
*lab*tch**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



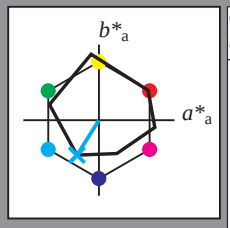


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

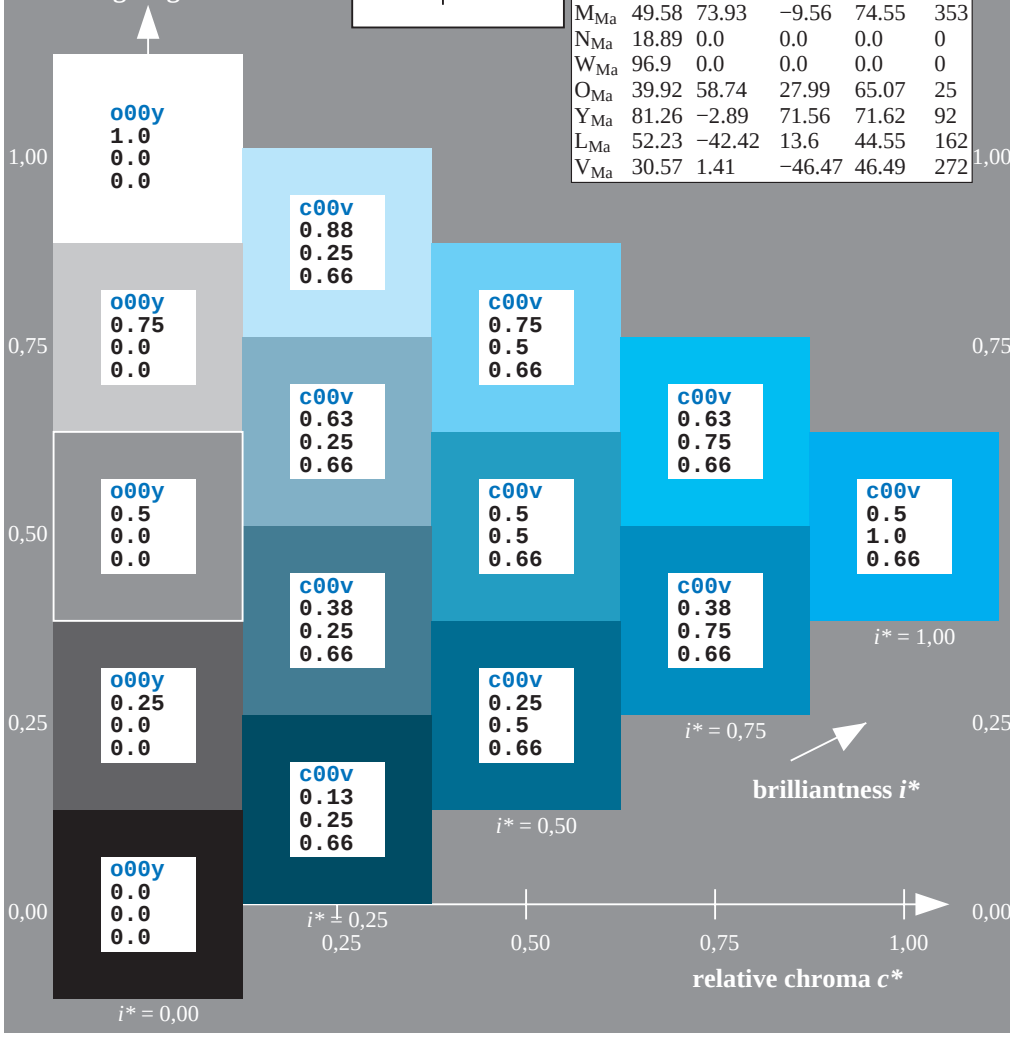
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 60 −29 −46**
***LAB*LCH*Ma*: 60 55 237**
***lab*olv*Ma*: 0.0 1.0 1.0**
***lab*rgb*Ma*: 0.0 0.62 1.0**
triangle lightness *t**

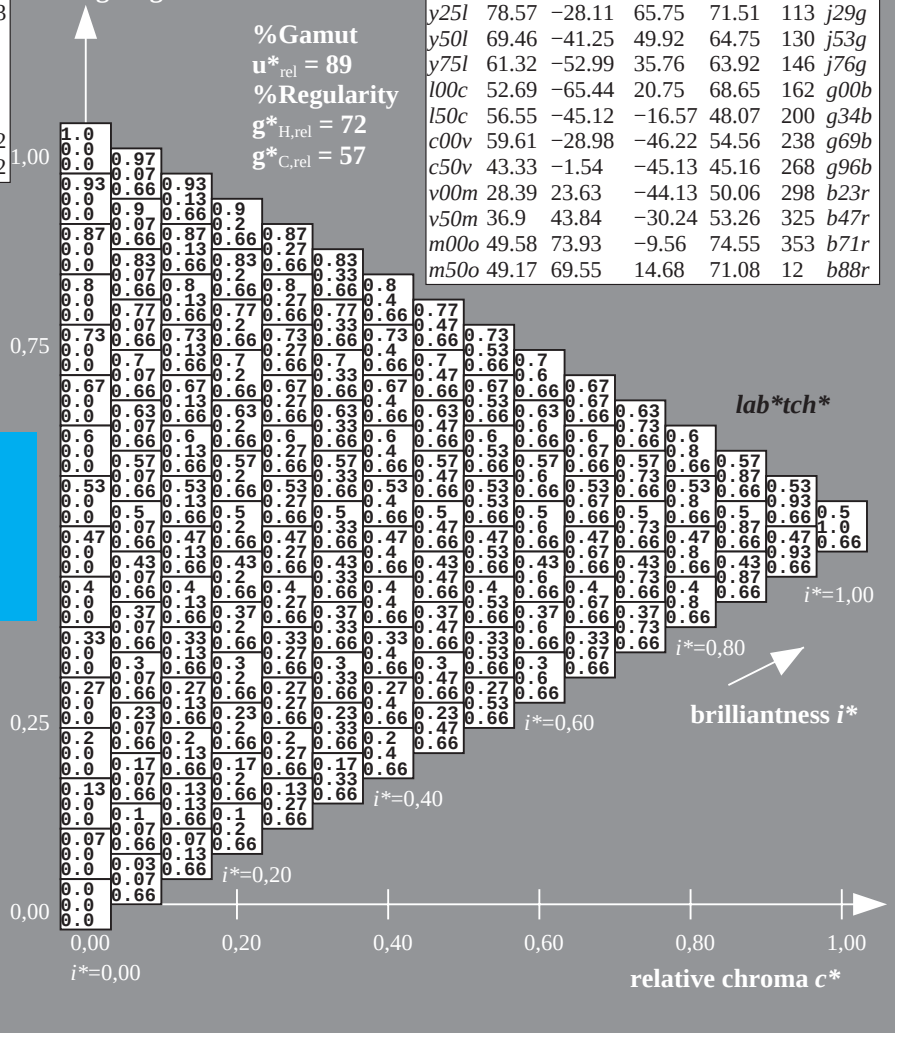
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = c00v$
*lab*tch**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



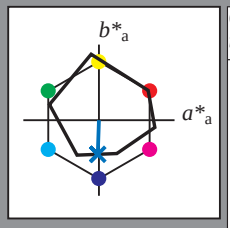


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g96b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

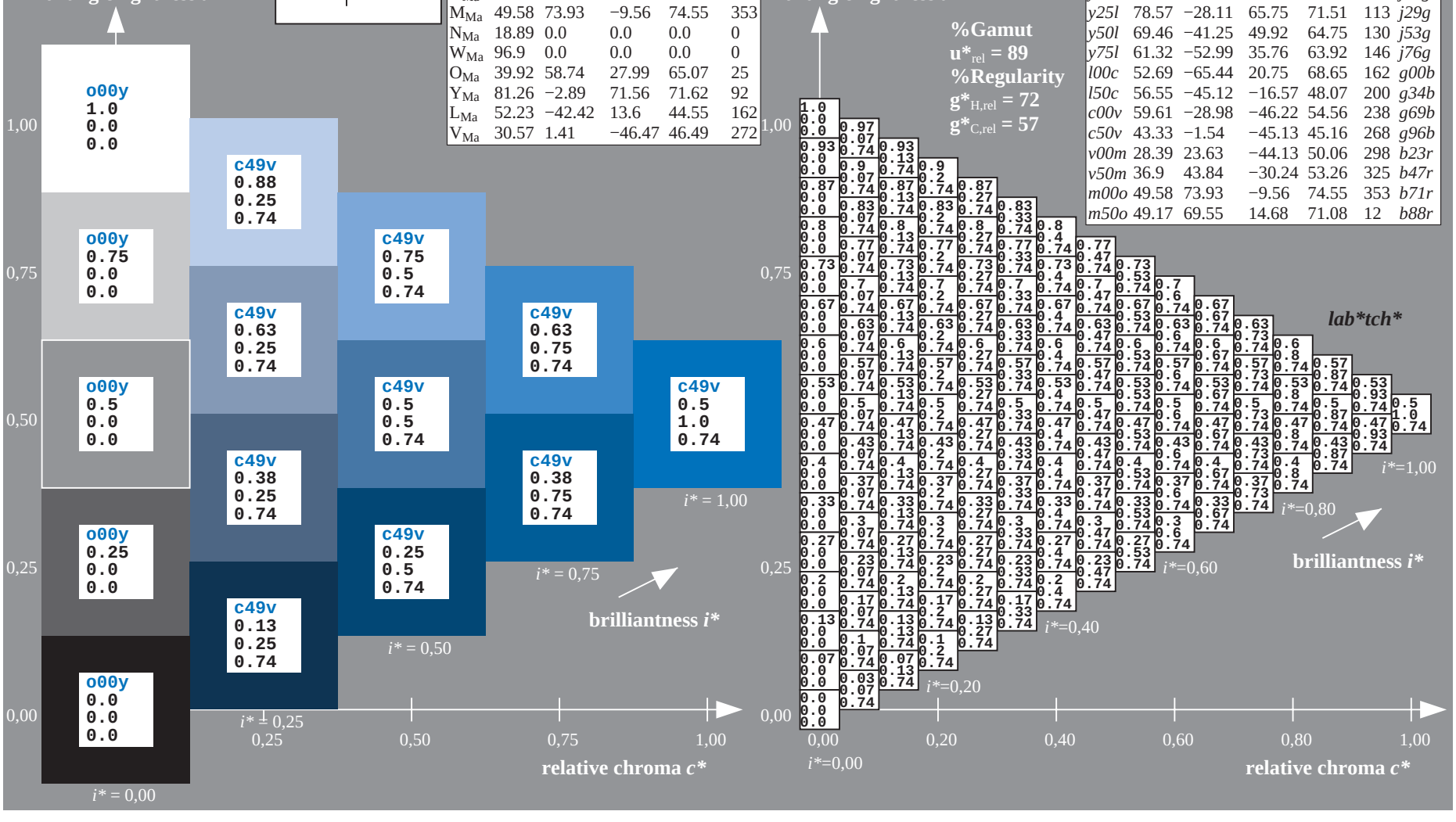
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 −2 −45
*LAB*LCH**$_{Ma}$: 43 45 268
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.07 1.0
triangle lightness *t**

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

u^*_d = *c50v*
*lab*tch**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



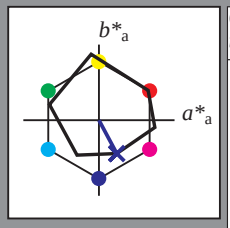
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

$u^*_d = v00m$
lab^*tch^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



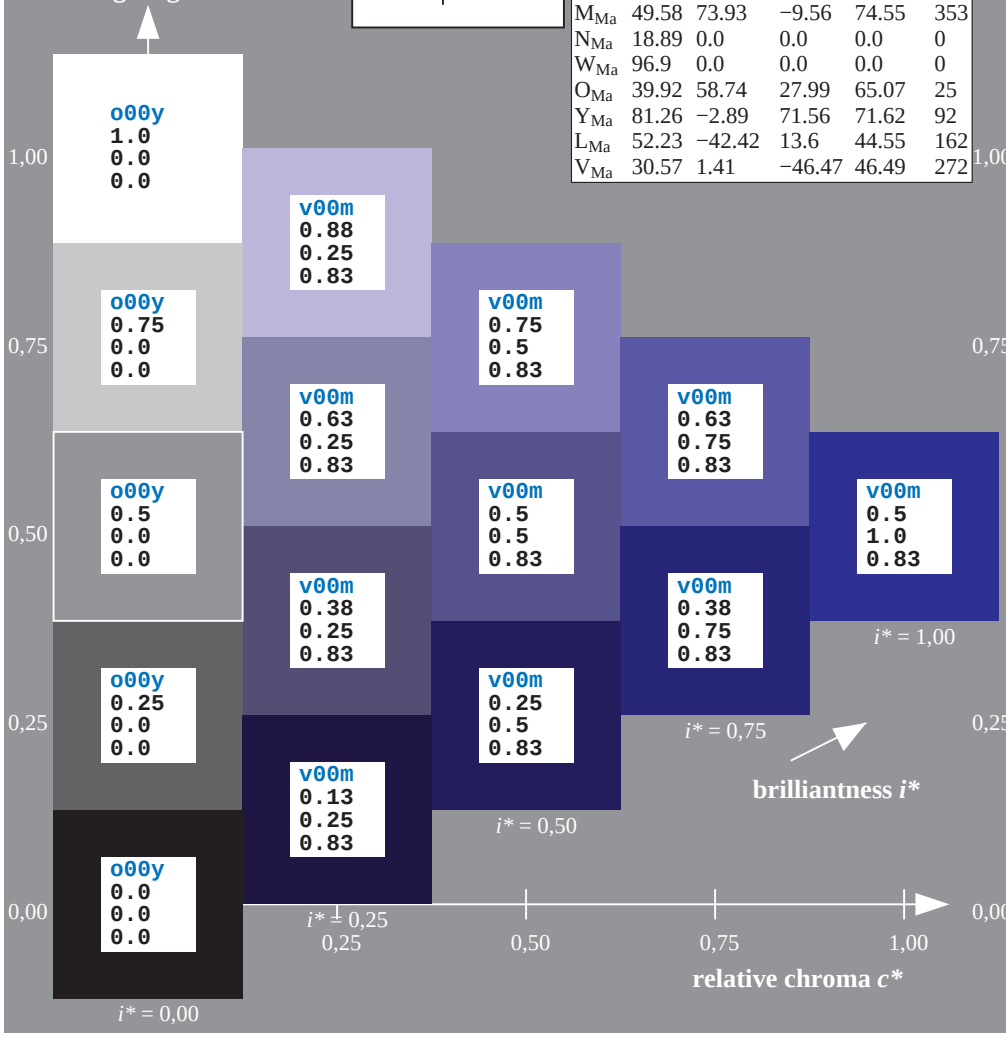
ORS19_96a; adapted (a) CIELAB data

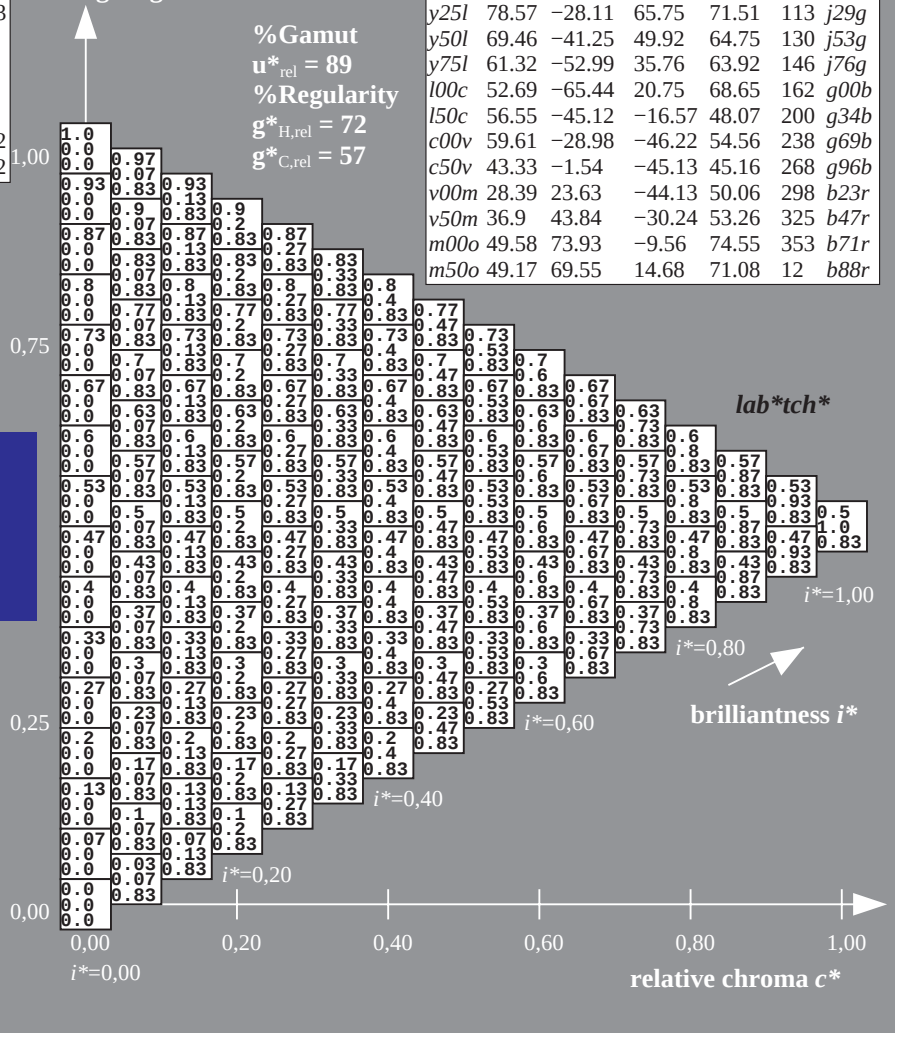
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 28 24 −44
*LAB*LCH**$_{Ma}$: 28 50 298
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.46 0.0 1.0
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





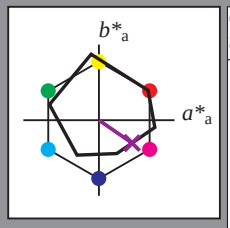
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$

$u^*_d = v50m$
lab^*tch^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



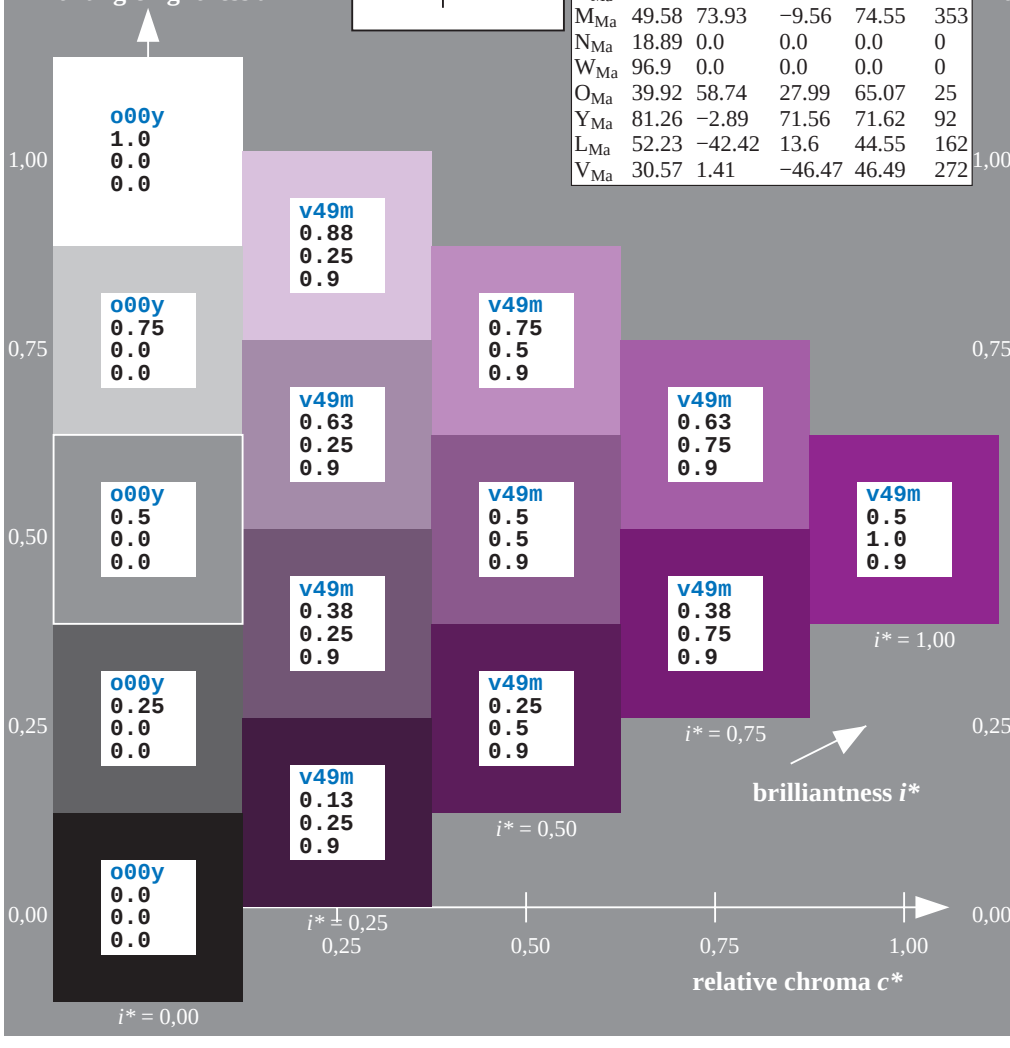
ORS19_96a; adapted (a) CIELAB data

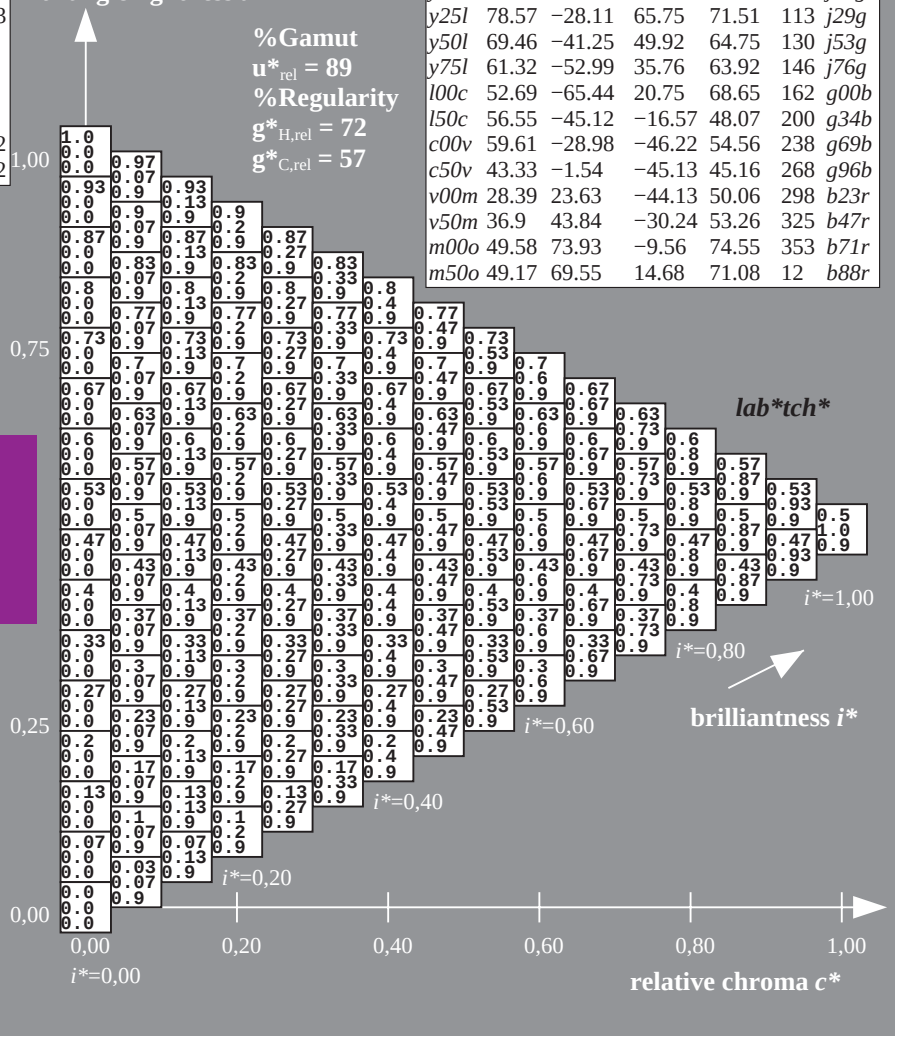
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 37 44 −30
$LAB^*LCH^*_{Ma}$: 37 53 325
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.94 0.0 1.0
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



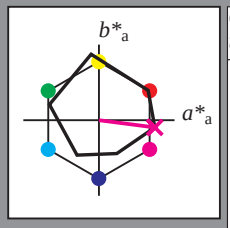


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

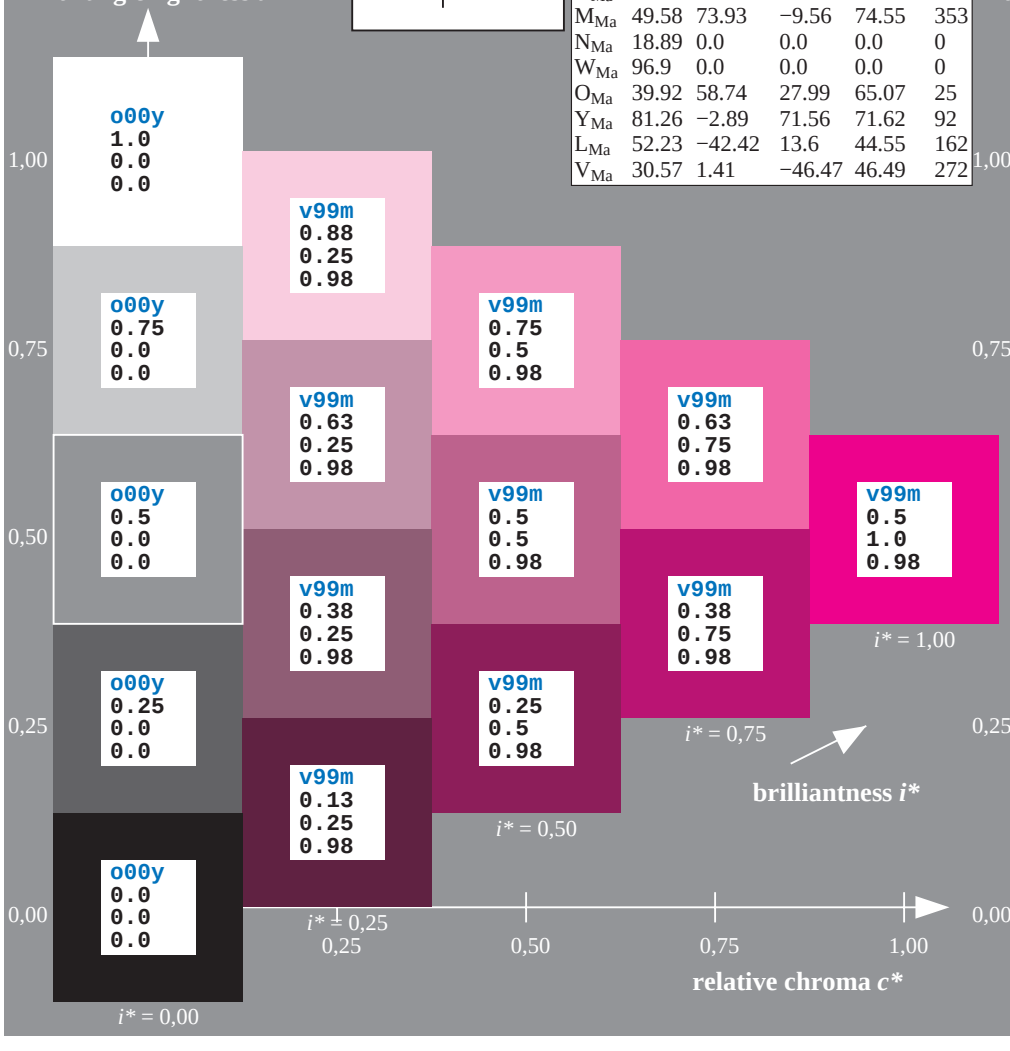
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 50 74 −10
*LAB*LCH**$_{Ma}$: 50 75 352
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.58
triangle lightness *t**

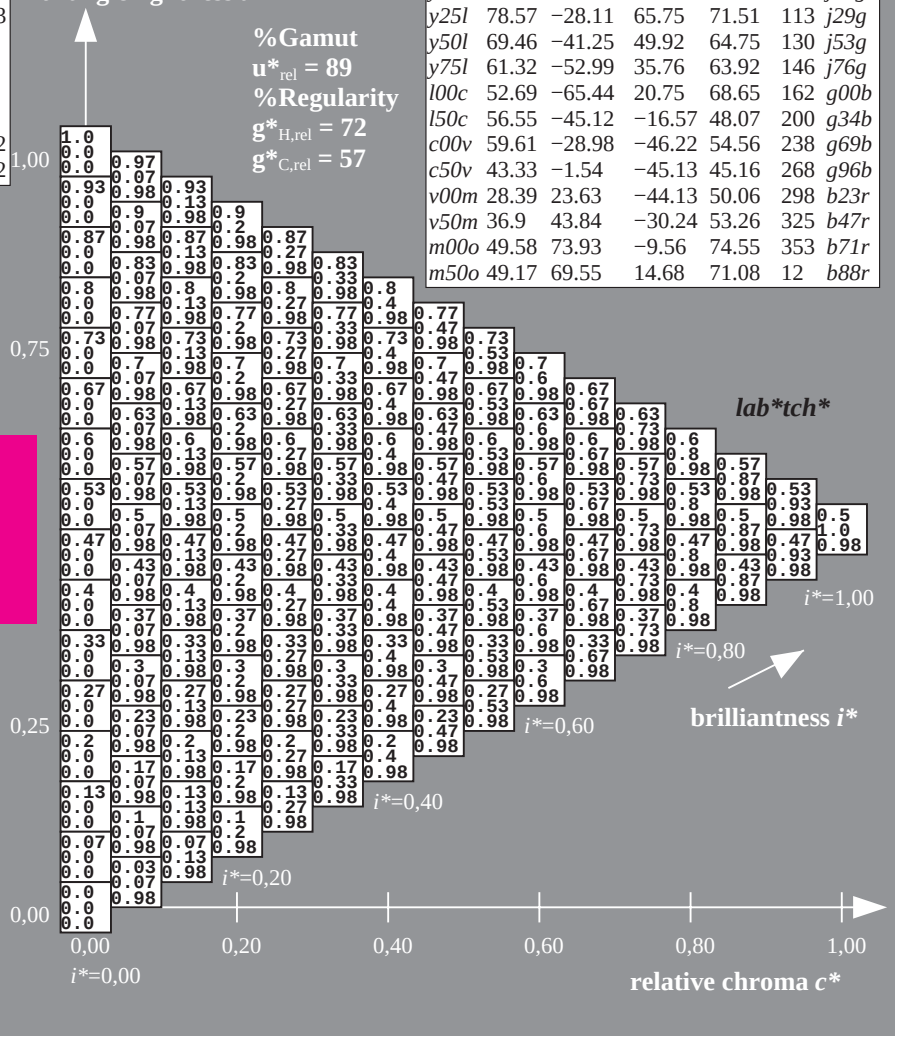
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *m00o*
*lab*tch**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





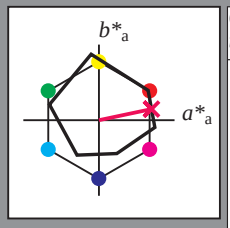
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

$u^*_d = m50o$
lab^*tch^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b88r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



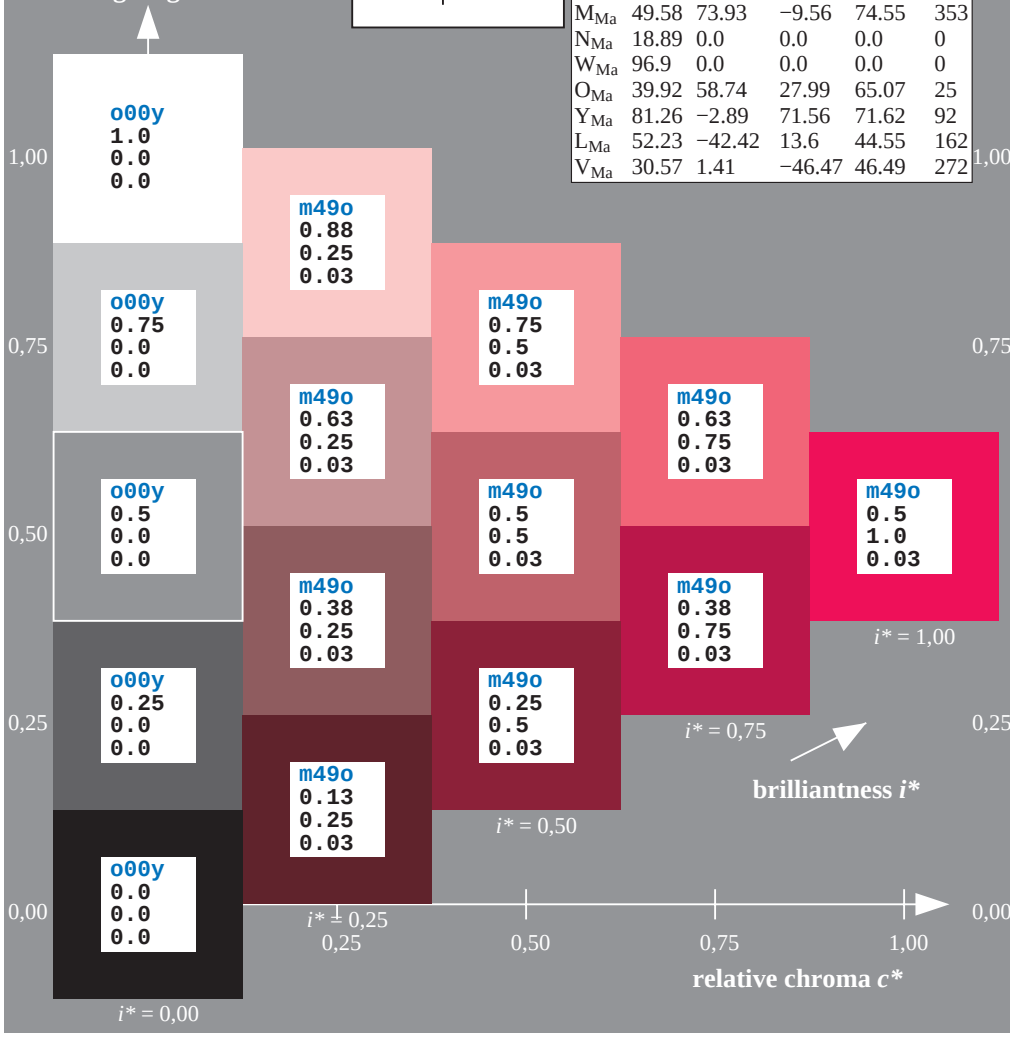
ORS19_96a; adapted (a) CIELAB data

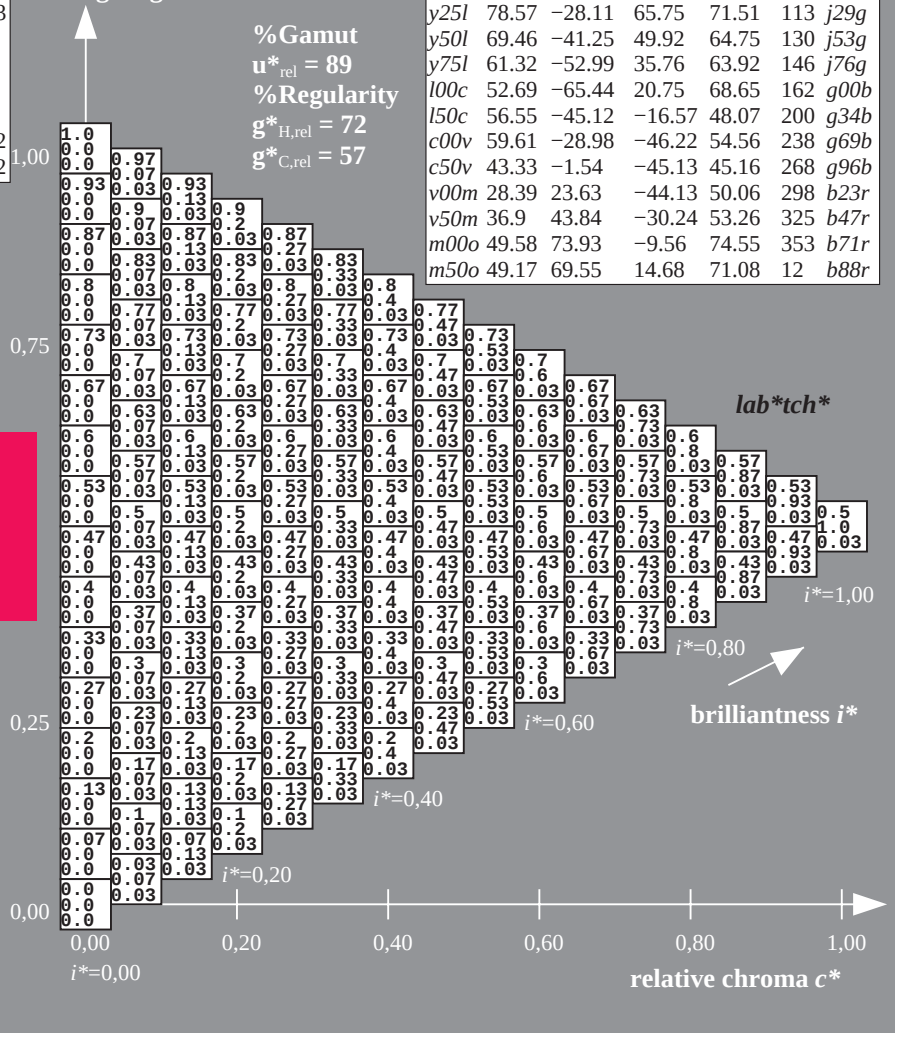
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 70 15
*LAB*LCH**$_{Ma}$: 49 71 11
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.24
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

	A	B	C	D	E	F	G	H	I
01	0.0 0.0 0.0	0.06 0.13 0.45	0.13 0.25 0.45	0.19 0.38 0.45	0.25 0.5 0.45	0.31 0.63 0.45	0.38 0.75 0.45	0.44 0.88 0.45	0.5 1.0 0.45
02	0.06 0.13 0.83	0.06 0.13 0.66	0.13 0.25 0.56	0.19 0.38 0.52	0.25 0.5 0.5	0.31 0.63 0.49	0.38 0.75 0.49	0.44 0.88 0.48	0.5 1.0 0.48
03	0.13 0.25 0.83	0.13 0.25 0.74	0.13 0.25 0.66	0.19 0.38 0.59	0.25 0.5 0.56	0.31 0.63 0.54	0.38 0.75 0.52	0.44 0.88 0.51	0.5 1.0 0.5
04	0.19 0.38 0.83	0.19 0.38 0.77	0.19 0.38 0.72	0.19 0.38 0.66	0.25 0.5 0.61	0.31 0.63 0.58	0.38 0.75 0.56	0.44 0.88 0.54	0.5 1.0 0.53
05	0.25 0.5 0.83	0.25 0.5 0.79	0.25 0.5 0.74	0.25 0.5 0.7	0.25 0.5 0.66	0.31 0.63 0.62	0.38 0.75 0.59	0.44 0.88 0.57	0.5 1.0 0.56
06	0.31 0.63 0.83	0.31 0.63 0.79	0.31 0.63 0.76	0.31 0.63 0.73	0.31 0.63 0.69	0.31 0.63 0.66	0.38 0.75 0.63	0.44 0.88 0.6	0.5 1.0 0.58
07	0.38 0.75 0.83	0.38 0.75 0.8	0.38 0.75 0.77	0.38 0.75 0.74	0.38 0.75 0.72	0.38 0.75 0.69	0.38 0.75 0.66	0.44 0.88 0.63	0.5 1.0 0.61
08	0.44 0.88 0.83	0.44 0.88 0.8	0.44 0.88 0.78	0.44 0.88 0.76	0.44 0.88 0.73	0.44 0.88 0.71	0.44 0.88 0.68	0.44 0.88 0.66	0.5 1.0 0.63
09	0.5 1.0 0.83	0.5 1.0 0.81	0.5 1.0 0.79	0.5 1.0 0.77	0.5 1.0 0.74	0.5 1.0 0.72	0.5 1.0 0.7	0.5 1.0 0.68	0.5 1.0 0.66
10	0.19 0.38 0.09	0.19 0.38 0.15	0.19 0.38 0.21	0.19 0.38 0.27	0.25 0.5 0.31	0.31 0.63 0.34	0.38 0.75 0.36	0.44 0.88 0.37	0.5 1.0 0.38
11	0.19 0.38 0.05	0.25 0.25 0.09	0.25 0.25 0.18	0.25 0.25 0.27	0.31 0.38 0.33	0.38 0.5 0.36	0.44 0.63 0.38	0.5 0.75 0.39	0.56 0.88 0.4
12	0.19 0.38 0.02	0.25 0.25 0.03	0.31 0.13 0.09	0.31 0.13 0.27	0.38 0.25 0.36	0.44 0.38 0.39	0.5 0.5 0.41	0.56 0.63 0.41	0.63 0.75 0.42
13	0.19 0.38 0.98	0.25 0.25 0.98	0.31 0.13 0.98	0.38 0.0 0.0	0.44 0.13 0.45	0.5 0.25 0.45	0.56 0.38 0.45	0.63 0.5 0.45	0.69 0.63 0.45
14	0.25 0.5 0.94	0.31 0.38 0.93	0.38 0.25 0.9	0.44 0.13 0.83	0.44 0.13 0.66	0.5 0.25 0.56	0.56 0.38 0.52	0.63 0.5 0.5	0.69 0.63 0.49
15	0.31 0.63 0.92	0.38 0.5 0.9	0.44 0.38 0.88	0.5 0.25 0.83	0.5 0.25 0.74	0.5 0.25 0.66	0.56 0.38 0.59	0.63 0.5 0.56	0.69 0.63 0.54
16	0.38 0.75 0.9	0.44 0.63 0.89	0.5 0.5 0.87	0.56 0.38 0.83	0.56 0.38 0.77	0.56 0.38 0.72	0.56 0.38 0.66	0.63 0.5 0.61	0.69 0.63 0.58
17	0.44 0.88 0.89	0.5 0.75 0.88	0.56 0.63 0.86	0.63 0.5 0.83	0.63 0.5 0.79	0.63 0.5 0.74	0.63 0.5 0.7	0.63 0.5 0.66	0.69 0.63 0.62
18	0.5 1.0 0.88	0.56 0.88 0.87	0.63 0.75 0.85	0.69 0.63 0.83	0.69 0.63 0.79	0.69 0.63 0.76	0.69 0.63 0.73	0.69 0.63 0.69	0.69 0.63 0.66
19	0.38 0.75 0.09	0.38 0.75 0.12	0.38 0.75 0.15	0.38 0.75 0.18	0.38 0.75 0.21	0.38 0.75 0.24	0.38 0.75 0.27	0.44 0.88 0.29	0.5 1.0 0.31
20	0.38 0.75 0.07	0.44 0.63 0.09	0.44 0.63 0.12	0.44 0.63 0.16	0.44 0.63 0.2	0.44 0.63 0.23	0.44 0.63 0.27	0.5 0.75 0.3	0.56 0.88 0.32
21	0.38 0.75 0.05	0.44 0.63 0.07	0.5 0.5 0.09	0.5 0.5 0.13	0.5 0.5 0.18	0.5 0.5 0.22	0.5 0.5 0.27	0.56 0.63 0.31	0.63 0.75 0.33
22	0.38 0.75 0.03	0.44 0.63 0.04	0.5 0.5 0.06	0.56 0.38 0.09	0.56 0.38 0.15	0.56 0.38 0.21	0.56 0.38 0.27	0.63 0.5 0.31	0.69 0.63 0.34
23	0.38 0.75 0.02	0.44 0.63 0.02	0.5 0.5 0.03	0.56 0.38 0.05	0.63 0.25 0.09	0.63 0.25 0.18	0.63 0.25 0.27	0.69 0.38 0.33	0.75 0.5 0.36
24	0.38 0.75 1.0	0.44 0.63 0.0	0.5 0.5 0.01	0.56 0.38 0.02	0.63 0.25 0.03	0.69 0.13 0.09	0.69 0.13 0.27	0.75 0.25 0.36	0.81 0.38 0.39
25	0.38 0.75 0.98	0.44 0.63 0.98	0.5 0.5 0.98	0.56 0.38 0.98	0.63 0.25 0.98	0.69 0.13 0.98	0.75 0.0 0.0	0.81 0.13 0.45	0.88 0.25 0.45
26	0.44 0.88 0.96	0.5 0.75 0.95	0.56 0.63 0.95	0.63 0.5 0.94	0.69 0.38 0.93	0.75 0.25 0.9	0.81 0.13 0.83	0.81 0.13 0.66	0.88 0.25 0.56
27	0.5 1.0 0.94	0.56 0.88 0.94	0.63 0.75 0.93	0.69 0.63 0.92	0.75 0.5 0.9	0.81 0.38 0.88	0.88 0.25 0.83	0.88 0.25 0.74	0.88 0.25 0.66

	J	K	L	M	N	O	P	Q	R
01	0.06 0.13 0.09	0.06 0.13 0.27	0.13 0.25 0.36	0.19 0.38 0.39	0.25 0.5 0.41	0.31 0.63 0.41	0.38 0.75 0.42	0.44 0.88 0.43	0.5 1.0 0.43
02	0.06 0.13 0.98	0.13 0.0 0.0	0.19 0.13 0.45	0.25 0.25 0.45	0.31 0.38 0.45	0.38 0.5 0.45	0.44 0.63 0.45	0.5 0.75 0.45	0.56 0.88 0.45
03	0.13 0.25 0.9	0.19 0.13 0.83	0.19 0.13 0.66	0.25 0.25 0.56	0.31 0.38 0.52	0.38 0.5 0.5	0.44 0.63 0.49	0.5 0.75 0.49	0.56 0.88 0.48
04	0.19 0.38 0.88	0.25 0.25 0.83	0.25 0.25 0.74	0.25 0.25 0.66	0.31 0.38 0.59	0.38 0.5 0.56	0.44 0.63 0.54	0.5 0.75 0.52	0.56 0.88 0.51
05	0.25 0.5 0.87	0.31 0.38 0.83	0.31 0.38 0.77	0.31 0.38 0.72	0.31 0.38 0.66	0.38 0.5 0.61	0.44 0.63 0.58	0.5 0.75 0.56	0.56 0.88 0.54
06	0.31 0.63 0.86	0.38 0.5 0.83	0.38 0.5 0.79	0.38 0.5 0.74	0.38 0.5 0.7	0.38 0.5 0.66	0.44 0.63 0.62	0.5 0.75 0.59	0.56 0.88 0.57
07	0.38 0.75 0.85	0.44 0.63 0.83	0.44 0.63 0.79	0.44 0.63 0.76	0.44 0.63 0.73	0.44 0.63 0.69	0.44 0.63 0.66	0.5 0.75 0.63	0.56 0.88 0.6
08	0.44 0.88 0.85	0.5 0.75 0.83	0.5 0.75 0.8	0.5 0.75 0.77	0.5 0.75 0.74	0.5 0.75 0.72	0.5 0.75 0.69	0.5 0.75 0.66	0.56 0.88 0.63
09	0.5 1.0 0.85	0.56 0.88 0.83	0.56 0.88 0.8	0.56 0.88 0.78	0.56 0.88 0.76	0.56 0.88 0.73	0.56 0.88 0.71	0.56 0.88 0.68	0.56 0.88 0.66
10	0.25 0.5 0.09	0.25 0.5 0.13	0.25 0.5 0.18	0.25 0.5 0.22	0.25 0.5 0.27	0.31 0.63 0.31	0.38 0.75 0.33	0.44 0.88 0.35	0.5 1.0 0.36
11	0.25 0.5 0.06	0.31 0.38 0.09	0.31 0.38 0.15	0.31 0.38 0.21	0.31 0.38 0.27	0.38 0.5 0.31	0.44 0.63 0.34	0.5 0.75 0.36	0.56 0.88 0.37
12	0.25 0.5 0.03	0.31 0.38 0.05	0.38 0.25 0.09	0.38 0.25 0.18	0.38 0.25 0.27	0.44 0.38 0.33	0.5 0.5 0.36	0.56 0.63 0.38	0.63 0.75 0.39
13	0.25 0.5 0.01	0.31 0.38 0.02	0.38 0.25 0.03	0.44 0.13 0.09	0.44 0.13 0.27	0.5 0.25 0.36	0.56 0.38 0.39	0.63 0.5 0.41	0.69 0.63 0.41
14	0.25 0.5 0.98	0.31 0.38 0.98	0.38 0.25 0.98	0.44 0.13 0.98	0.5 0.0 0.0	0.56 0.13 0.45	0.63 0.25 0.45	0.69 0.38 0.45	0.75 0.5 0.45
15	0.31 0.63 0.95	0.38 0.5 0.94	0.44 0.38 0.93	0.5 0.25 0.9	0.56 0.13 0.83	0.56 0.13 0.66	0.63 0.25 0.56	0.69 0.38 0.52	0.75 0.5 0.5
16	0.38 0.75 0.93	0.44 0.63 0.92	0.5 0.5 0.9	0.56 0.38 0.88	0.63 0.25 0.83	0.63 0.25 0.74	0.63 0.25 0.66	0.69 0.38 0.59	0.75 0.5 0.56
17	0.44 0.88 0.91	0.5 0.75 0.9	0.56 0.63 0.89	0.63 0.5 0.87	0.69 0.38 0.83	0.69 0.38 0.77	0.69 0.38 0.72	0.69 0.38 0.66	0.75 0.5 0.61
18	0.5 1.0 0.9	0.56 0.88 0.89	0.63 0.75 0.88	0.69 0.63 0.86	0.75 0.5 0.83	0.75 0.5 0.79	0.75 0.5 0.74	0.75 0.5 0.7	0.75 0.5 0.66
19	0.44 0.88 0.09	0.44 0.88 0.11	0.44 0.88 0.14	0.44 0.88 0.16	0.44 0.88 0.19	0.44 0.88 0.22	0.44 0.88 0.24	0.44 0.88 0.27	0.5 1.0 0.29
20	0.44 0.88 0.07	0.5 0.75 0.09	0.5 0.75 0.12	0.5 0.75 0.15	0.5 0.75 0.18	0.5 0.75 0.21	0.5 0.75 0.24	0.5 0.75 0.27	0.56 0.88 0.29
21	0.44 0.88 0.06	0.5 0.75 0.07	0.56 0.63 0.09	0.56 0.63 0.12	0.56 0.63 0.16	0.56 0.63 0.2	0.56 0.63 0.23	0.56 0.63 0.27	0.63 0.75 0.3
22	0.44 0.88 0.04	0.5 0.75 0.05	0.56 0.63 0.07	0.63 0.5 0.09	0.63 0.5 0.13	0.63 0.5 0.18	0.63 0.5 0.22	0.63 0.5 0.27	0.69 0.63 0.31
23	0.44 0.88 0.03	0.5 0.75 0.03	0.56 0.63 0.04	0.63 0.5 0.06	0.69 0.38 0.09	0.69 0.38 0.15	0.69 0.38 0.21	0.69 0.38 0.27	0.75 0.5 0.31
24	0.44 0.88 0.01	0.5 0.75 0.02	0.56 0.63 0.02	0.63 0.5 0.03	0.69 0.38 0.05	0.75 0.25 0.09	0.75 0.25 0.18	0.75 0.25 0.27	0.81 0.38 0.33
25	0.44 0.88 0.99	0.5 0.75 1.0	0.56 0.63 0.0	0.63 0.5 0.01	0.69 0.38 0.02	0.75 0.25 0.03	0.81 0.13 0.09	0.81 0.13 0.27	0.88 0.25 0.36
26	0.44 0.88 0.98	0.5 0.75 0.98	0.56 0.63 0.98	0.63 0.5 0.98	0.69 0.38 0.98	0.75 0.25 0.98	0.81 0.13 0.98	0.88 0.0 0.0	0.94 0.13 0.45
27	0.5 1.0 0.96	0.56 0.88 0.96	0.63 0.75 0.95	0.69 0.63 0.95	0.75 0.5 0.94	0.81 0.38 0.93	0.88 0.25 0.9	0.94 0.13 0.83	0.94 0.13 0.66

	S	T	U	V	W	X	Y	Z	a
01	0.13 0.25 0.09	0.13 0.25 0.18	0.13 0.25 0.27	0.19 0.38 0.33	0.25 0.5 0.36	0.31 0.63 0.38	0.38 0.75 0.39	0.44 0.88 0.4	0.5 1.0 0.41
02	0.13 0.25 0.03	0.19 0.13 0.09	0.19 0.13 0.27	0.25 0.25 0.36	0.31 0.38 0.39	0.38 0.5 0.41	0.44 0.63 0.41	0.5 0.75 0.42	0.56 0.88 0.43
03	0.13 0.25 0.98	0.19 0.13 0.98	0.25 0.0 0.0	0.31 0.13 0.45	0.38 0.25 0.45	0.44 0.38 0.45	0.5 0.5 0.45	0.56 0.63 0.45	0.63 0.75 0.45
04	0.19 0.38 0.93	0.25 0.25 0.9	0.31 0.13 0.83	0.31 0.13 0.66	0.38 0.25 0.56	0.44 0.38 0.52	0.5 0.5 0.5	0.56 0.63 0.49	0.63 0.75 0.49
05	0.25 0.5 0.9	0.31 0.38 0.88	0.38 0.25 0.83	0.38 0.25 0.74	0.38 0.25 0.66	0.44 0.38 0.59	0.5 0.5 0.56	0.56 0.63 0.54	0.63 0.75 0.52
06	0.31 0.63 0.89	0.38 0.5 0.87	0.44 0.38 0.83	0.44 0.38 0.77	0.44 0.38 0.72	0.44 0.38 0.66	0.5 0.5 0.61	0.56 0.63 0.58	0.63 0.75 0.56
07	0.38 0.75 0.88	0.44 0.63 0.86	0.5 0.5 0.83	0.5 0.5 0.79	0.5 0.5 0.74	0.5 0.5 0.7	0.5 0.5 0.66	0.56 0.63 0.62	0.63 0.75 0.59
08	0.44 0.88 0.87	0.5 0.75 0.85	0.56 0.63 0.83	0.56 0.63 0.79	0.56 0.63 0.76	0.56 0.63 0.73	0.56 0.63 0.69	0.56 0.63 0.66	0.63 0.75 0.63
09	0.5 1.0 0.87	0.56 0.88 0.85	0.63 0.75 0.83	0.63 0.75 0.8	0.63 0.75 0.77	0.63 0.75 0.74	0.63 0.75 0.72	0.63 0.75 0.69	0.63 0.75 0.66
10	0.31 0.63 0.09	0.31 0.63 0.12	0.31 0.63 0.16	0.31 0.63 0.2	0.31 0.63 0.23	0.31 0.63 0.27	0.38 0.75 0.3	0.44 0.88 0.32	0.5 1.0 0.34
11	0.31 0.63 0.07	0.38 0.5 0.09	0.38 0.5 0.13	0.38 0.5 0.18	0.38 0.5 0.22	0.38 0.5 0.27	0.44 0.63 0.31	0.5 0.75 0.33	0.56 0.88 0.35
12	0.31 0.63 0.04	0.38 0.5 0.06	0.44 0.38 0.09	0.44 0.38 0.15	0.44 0.38 0.21	0.44 0.38 0.27	0.5 0.5 0.31	0.56 0.63 0.34	0.63 0.75 0.36
13	0.31 0.63 0.02	0.38 0.5 0.03	0.44 0.38 0.05	0.5 0.25 0.09	0.5 0.25 0.18	0.5 0.25 0.27	0.56 0.38 0.33	0.63 0.5 0.36	0.69 0.63 0.38
14	0.31 0.63 0.0	0.38 0.5 0.01	0.44 0.38 0.02	0.5 0.25 0.03	0.56 0.13 0.09	0.56 0.13 0.27	0.63 0.25 0.36	0.69 0.38 0.39	0.75 0.5 0.41
15	0.31 0.63 0.98	0.38 0.5 0.98	0.44 0.38 0.98	0.5 0.25 0.98	0.56 0.13 0.98	0.63 0.0 0.0	0.69 0.13 0.45	0.75 0.25 0.45	0.81 0.38 0.45
16	0.38 0.75 0.95	0.44 0.63 0.95	0.5 0.5 0.94	0.56 0.38 0.93	0.63 0.25 0.9	0.69 0.13 0.83	0.69 0.13 0.66	0.75 0.25 0.56	0.81 0.38 0.52
17	0.44 0.88 0.94	0.5 0.75 0.93	0.56 0.63 0.92	0.63 0.5 0.9	0.69 0.38 0.88	0.75 0.25 0.83	0.75 0.25 0.74	0.75 0.25 0.66	0.81 0.38 0.59
18	0.5 1.0 0.92	0.56 0.88 0.91	0.63 0.75 0.9	0.69 0.63 0.89	0.75 0.5 0.87	0.81 0.38 0.83	0.81 0.38 0.77	0.81 0.38 0.72	0.81 0.38 0.66
19	0.5 1.0 0.09	0.5 1.0 0.11	0.5 1.0 0.13	0.5 1.0 0.15	0.5 1.0 0.18	0.5 1.0 0.2	0.5 1.0 0.22	0.5 1.0 0.25	0.5 1.0 0.27
20	0.5 1.0 0.07	0.56 0.88 0.09	0.56 0.88 0.11	0.56 0.88 0.14	0.56 0.88 0.16	0.56 0.88 0.19	0.56 0.88 0.22	0.56 0.88 0.24	0.56 0.88 0.27
21	0.5 1.0 0.06	0.56 0.88 0.07	0.63 0.75 0.09	0.63 0.75 0.12	0.63 0.75 0.15	0.63 0.75 0.18	0.63 0.75 0.21	0.63 0.75 0.24	0.63 0.75 0.27
22	0.5 1.0 0.05	0.56 0.88 0.06	0.63 0.75 0.07	0.69 0.63 0.09	0.69 0.63 0.12	0.69 0.63 0.16	0.69 0.63 0.2	0.69 0.63 0.23	0.69 0.63 0.27
23	0.5 1.0 0.03	0.56 0.88 0.04	0.63 0.75 0.05	0.69 0.63 0.07	0.75 0.5 0.09	0.75 0.5 0.13	0.75 0.5 0.18	0.75 0.5 0.22	0.75 0.5 0.27
24	0.5 1.0 0.02	0.56 0.88 0.03	0.63 0.75 0.03	0.69 0.63 0.04	0.75 0.5 0.06	0.81 0.38 0.09	0.81 0.38 0.15	0.81 0.38 0.21	0.81 0.38 0.27
25	0.5 1.0 0.01	0.56 0.88 0.01	0.63 0.75 0.02	0.69 0.63 0.02	0.75 0.5 0.03	0.81 0.38 0.05	0.88 0.25 0.09	0.88 0.25 0.18	0.88 0.25 0.27
26	0.5 1.0 0.99	0.56 0.88 0.99	0.63 0.75 1.0	0.69 0.63 0.0	0.75 0.5 0.01	0.81 0.38 0.02	0.88 0.25 0.03	0.94 0.13 0.09	0.94 0.13 0.27
27	0.5 1.0 0.98	0.56 0.88 0.98	0.63 0.75 0.98	0.69 0.63 0.98	0.75 0.5 0.98	0.81 0.38 0.98	0.88 0.25 0.98	0.94 0.13 0.98	1.0 0.0 0.0

	b	c	d	e	f	g	h	i	j
01	1.0 0.0 0.0	0.94 0.13 0.09	0.88 0.25 0.09	0.81 0.38 0.09	0.75 0.5 0.09	0.69 0.63 0.09	0.63 0.75 0.09	0.56 0.88 0.09	0.5 1.0 0.09
02	0.94 0.13 0.66	0.88 0.0 0.0	0.81 0.13 0.09	0.75 0.25 0.09	0.69 0.38 0.09	0.63 0.5 0.09	0.56 0.63 0.09	0.5 0.75 0.09	0.44 0.88 0.09
03	0.88 0.25 0.66	0.81 0.13 0.66	0.75 0.0 0.0	0.69 0.13 0.09	0.63 0.25 0.09	0.56 0.38 0.09	0.5 0.5 0.09	0.44 0.63 0.09	0.38 0.75 0.09
04	0.81 0.38 0.66	0.75 0.25 0.66	0.69 0.13 0.66	0.63 0.0 0.0	0.56 0.13 0.09	0.5 0.25 0.09	0.44 0.38 0.09	0.38 0.5 0.09	0.31 0.63 0.09
05	0.75 0.5 0.66	0.69 0.38 0.66	0.63 0.25 0.66	0.56 0.13 0.66	0.5 0.0 0.0	0.44 0.13 0.09	0.38 0.25 0.09	0.31 0.38 0.09	0.25 0.5 0.09
06	0.69 0.63 0.66	0.63 0.5 0.66	0.56 0.38 0.66	0.5 0.25 0.66	0.44 0.13 0.66	0.38 0.0 0.0	0.31 0.13 0.09	0.25 0.25 0.09	0.19 0.38 0.09
07	0.63 0.75 0.66	0.56 0.63 0.66	0.5 0.5 0.66	0.44 0.38 0.66	0.38 0.25 0.66	0.31 0.13 0.66	0.25 0.0 0.0	0.19 0.13 0.09	0.13 0.25 0.09
08	0.56 0.88 0.66	0.5 0.75 0.66	0.44 0.63 0.66	0.38 0.5 0.66	0.31 0.38 0.66	0.25 0.25 0.66	0.19 0.13 0.66	0.13 0.0 0.0	0.06 0.13 0.09
09	0.5 1.0 0.66	0.44 0.88 0.66	0.38 0.75 0.66	0.31 0.63 0.66	0.25 0.5 0.66	0.19 0.38 0.66	0.13 0.25 0.66	0.06 0.13 0.66	0.0 0.0 0.0
10	1.0 0.0 0.0	0.94 0.13 0.27	0.88 0.25 0.27	0.81 0.38 0.27	0.75 0.5 0.27	0.69 0.63 0.27	0.63 0.75 0.27	0.56 0.88 0.27	0.5 1.0 0.27
11	0.94 0.13 0.83	0.88 0.0 0.0	0.81 0.13 0.27	0.75 0.25 0.27	0.69 0.38 0.27	0.63 0.5 0.27	0.56 0.63 0.27	0.5 0.75 0.27	0.44 0.88 0.27
12	0.88 0.25 0.83	0.81 0.13 0.83	0.75 0.0 0.0	0.69 0.13 0.27	0.63 0.25 0.27	0.56 0.38 0.27	0.5 0.5 0.27	0.44 0.63 0.27	0.38 0.75 0.27
13	0.81 0.38 0.83	0.75 0.25 0.83	0.69 0.13 0.83	0.63 0.0 0.0	0.56 0.13 0.27	0.5 0.25 0.27	0.44 0.38 0.27	0.38 0.5 0.27	0.31 0.63 0.27
14	0.75 0.5 0.83	0.69 0.38 0.83	0.63 0.25 0.83	0.56 0.13 0.83	0.5 0.0 0.0	0.44 0.13 0.27	0.38 0.25 0.27	0.31 0.38 0.27	0.25 0.5 0.27
15	0.69 0.63 0.83	0.63 0.5 0.83	0.56 0.38 0.83	0.5 0.25 0.83	0.44 0.13 0.83	0.38 0.0 0.0	0.31 0.13 0.27	0.25 0.25 0.27	0.19 0.38 0.27
16	0.63 0.75 0.83	0.56 0.63 0.83	0.5 0.5 0.83	0.44 0.38 0.83	0.38 0.25 0.83	0.31 0.13 0.83	0.25 0.0 0.0	0.19 0.13 0.27	0.13 0.25 0.27
17	0.56 0.88 0.83	0.5 0.75 0.83	0.44 0.63 0.83	0.38 0.5 0.83	0.31 0.38 0.83	0.25 0.25 0.83	0.19 0.13 0.83	0.13 0.0 0.0	0.06 0.13 0.27
18	0.5 1.0 0.83	0.44 0.88 0.83	0.38 0.75 0.83	0.31 0.63 0.83	0.25 0.5 0.83	0.19 0.38 0.83	0.13 0.25 0.83	0.06 0.13 0.83	0.0 0.0 0.0
19	1.0 0.0 0.0	0.94 0.13 0.45	0.88 0.25 0.45	0.81 0.38 0.45	0.75 0.5 0.45	0.69 0.63 0.45	0.63 0.75 0.45	0.56 0.88 0.45	0.5 1.0 0.45
20	0.94 0.13 0.98	0.88 0.0 0.0	0.81 0.13 0.45	0.75 0.25 0.45	0.69 0.38 0.45	0.63 0.5 0.45	0.56 0.63 0.45	0.5 0.75 0.45	0.44 0.88 0.45
21	0.88 0.25 0.98	0.81 0.13 0.98	0.75 0.0 0.0	0.69 0.13 0.45	0.63 0.25 0.45	0.56 0.38 0.45	0.5 0.5 0.45	0.44 0.63 0.45	0.38 0.75 0.45
22	0.81 0.38 0.98	0.75 0.25 0.98	0.69 0.13 0.98	0.63 0.0 0.0	0.56 0.13 0.45	0.5 0.25 0.45	0.44 0.38 0.45	0.38 0.5 0.45	0.31 0.63 0.45
23	0.75 0.5 0.98	0.69 0.38 0.98	0.63 0.25 0.98	0.56 0.13 0.98	0.5 0.0 0.0	0.44 0.13 0.45	0.38 0.25 0.45	0.31 0.38 0.45	0.25 0.5 0.45
24	0.69 0.63 0.98	0.63 0.5 0.98	0.56 0.38 0.98	0.5 0.25 0.98	0.44 0.13 0.98	0.38 0.0 0.0	0.31 0.13 0.45	0.25 0.25 0.45	0.19 0.38 0.45
25	0.63 0.75 0.98	0.56 0.63 0.98	0.5 0.5 0.98	0.44 0.38 0.98	0.38 0.25 0.98	0.31 0.13 0.98	0.25 0.0 0.0	0.19 0.13 0.45	0.13 0.25 0.45
26	0.56 0.88 0.98	0.5 0.75 0.98	0.44 0.63 0.98	0.38 0.5 0.98	0.31 0.38 0.98	0.25 0.25 0.98	0.19 0.13 0.98	0.13 0.0 0.0	0.06 0.13 0.45
27	0.5 1.0 0.98	0.44 0.88 0.98	0.38 0.75 0.98	0.31 0.63 0.98	0.25 0.5 0.98	0.19 0.38 0.98	0.13 0.25 0.98	0.06 0.13 0.98	0.0 0.0 0.0

	k	*lab*tch**		
01	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0
03	0.25 0.0 0.0	0.25 0.0 0.0	0.25 0.0 0.0	0.25 0.0 0.0
04	0.38 0.0 0.0	0.38 0.0 0.0	0.38 0.0 0.0	0.38 0.0 0.0
05	0.5 0.0 0.0	0.5 0.0 0.0	0.5 0.0 0.0	0.5 0.0 0.0
06	0.63 0.0 0.0	0.63 0.0 0.0	0.63 0.0 0.0	0.63 0.0 0.0
07	0.75 0.0 0.0	0.75 0.0 0.0	0.75 0.0 0.0	0.75 0.0 0.0
08	0.88 0.0 0.0	0.88 0.0 0.0	0.88 0.0 0.0	0.88 0.0 0.0
09	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0
10	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
11	0.07 0.0 0.0	0.07 0.0 0.0	0.07 0.0 0.0	0.07 0.0 0.0
12	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0
13	0.2 0.0 0.0	0.2 0.0 0.0	0.2 0.0 0.0	0.2 0.0 0.0
14	0.27 0.0 0.0	0.27 0.0 0.0	0.27 0.0 0.0	0.27 0.0 0.0
15	0.33 0.0 0.0	0.33 0.0 0.0	0.33 0.0 0.0	0.33 0.0 0.0
16	0.4 0.0 0.0	0.4 0.0 0.0	0.4 0.0 0.0	0.4 0.0 0.0
17	0.47 0.0 0.0	0.47 0.0 0.0	0.47 0.0 0.0	0.47 0.0 0.0
18	0.53 0.0 0.0	0.53 0.0 0.0	0.53 0.0 0.0	0.53 0.0 0.0
19	0.6 0.0 0.0	0.6 0.0 0.0	0.6 0.0 0.0	0.6 0.0 0.0
20	0.67 0.0 0.0	0.67 0.0 0.0	0.67 0.0 0.0	0.67 0.0 0.0
21	0.73 0.0 0.0	0.73 0.0 0.0	0.73 0.0 0.0	0.73 0.0 0.0
22	0.8 0.0 0.0	0.8 0.0 0.0	0.8 0.0 0.0	0.8 0.0 0.0
23	0.87 0.0 0.0	0.87 0.0 0.0	0.87 0.0 0.0	0.87 0.0 0.0
24	0.93 0.0 0.0	0.93 0.0 0.0	0.93 0.0 0.0	0.93 0.0 0.0
25	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0
26	0.0 0.0 0.0	0.5 1.0 0.09	0.5 1.0 0.27	0.5 1.0 0.45
27	1.0 0.0 0.0	0.5 1.0 0.66	0.5 1.0 0.83	0.5 1.0 0.98

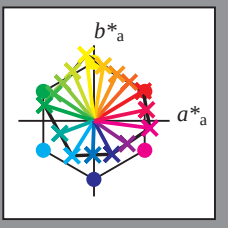
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmyn6* setcmykcolor*

Input and output:
Colorimetric Printer Reflective System ORS19_96a
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

ORS19_96a; adapted (a) CIELAB data

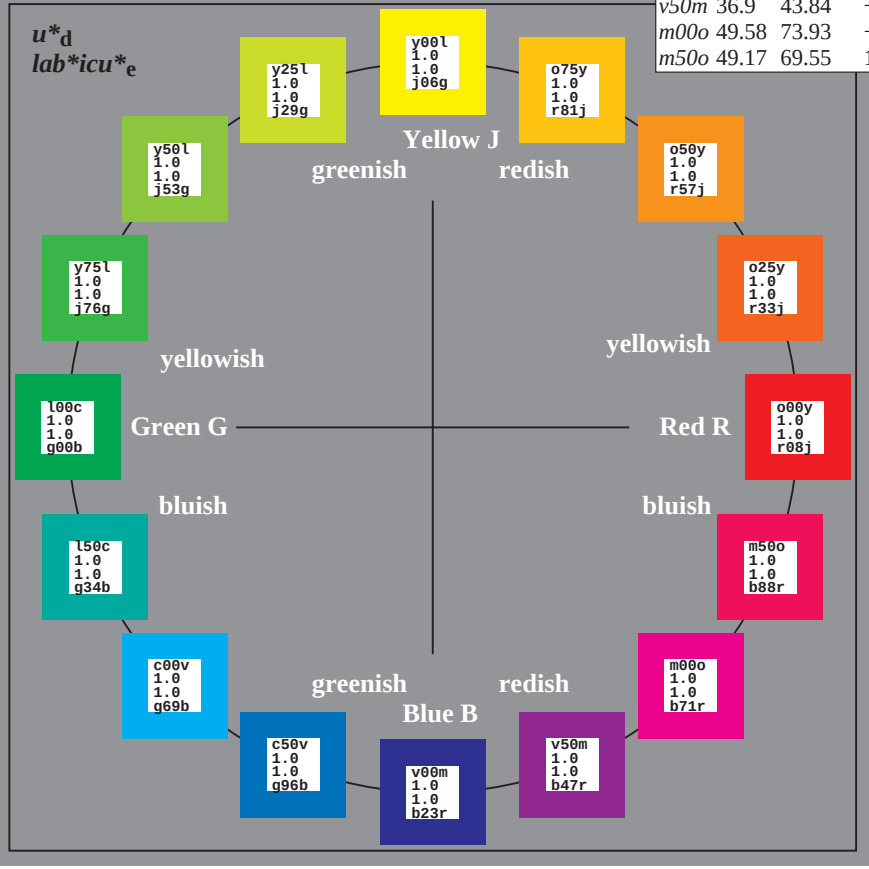
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

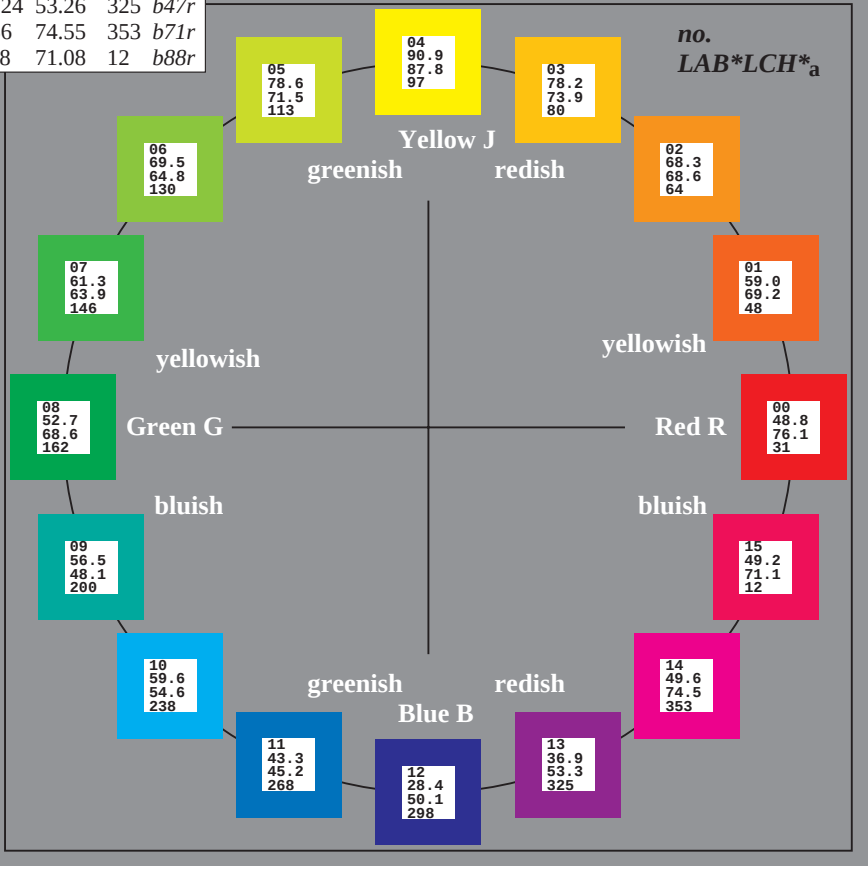


%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

ORS19_96a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272

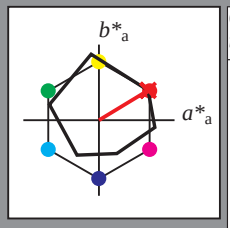




See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r08j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

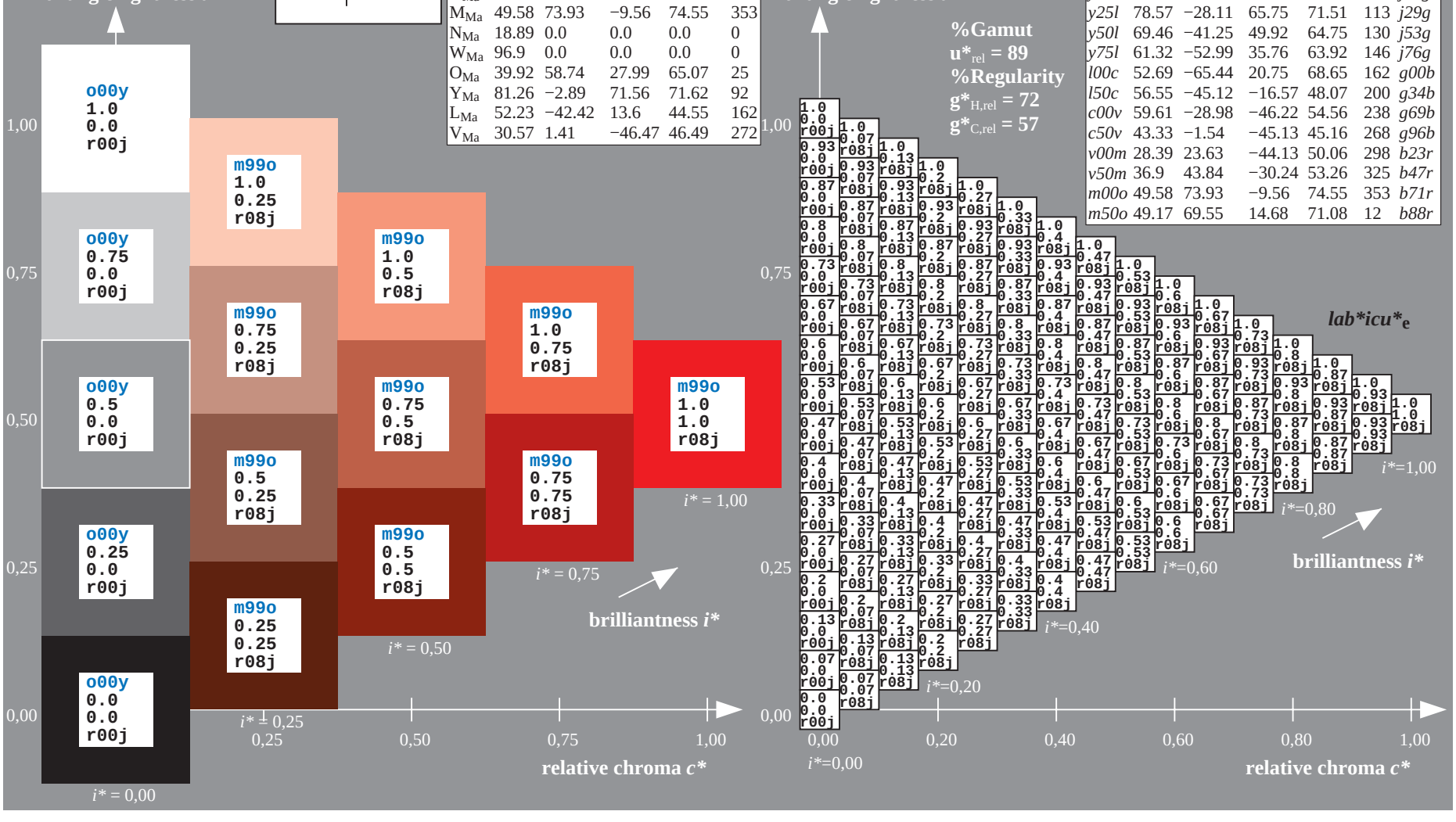
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 65 39
*LAB*LCH**$_{Ma}$: 49 76 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

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

u^*_d = *o00y*
*lab*icu**$_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

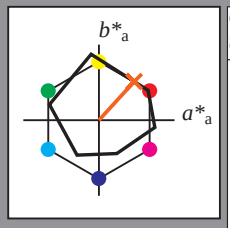


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r33j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

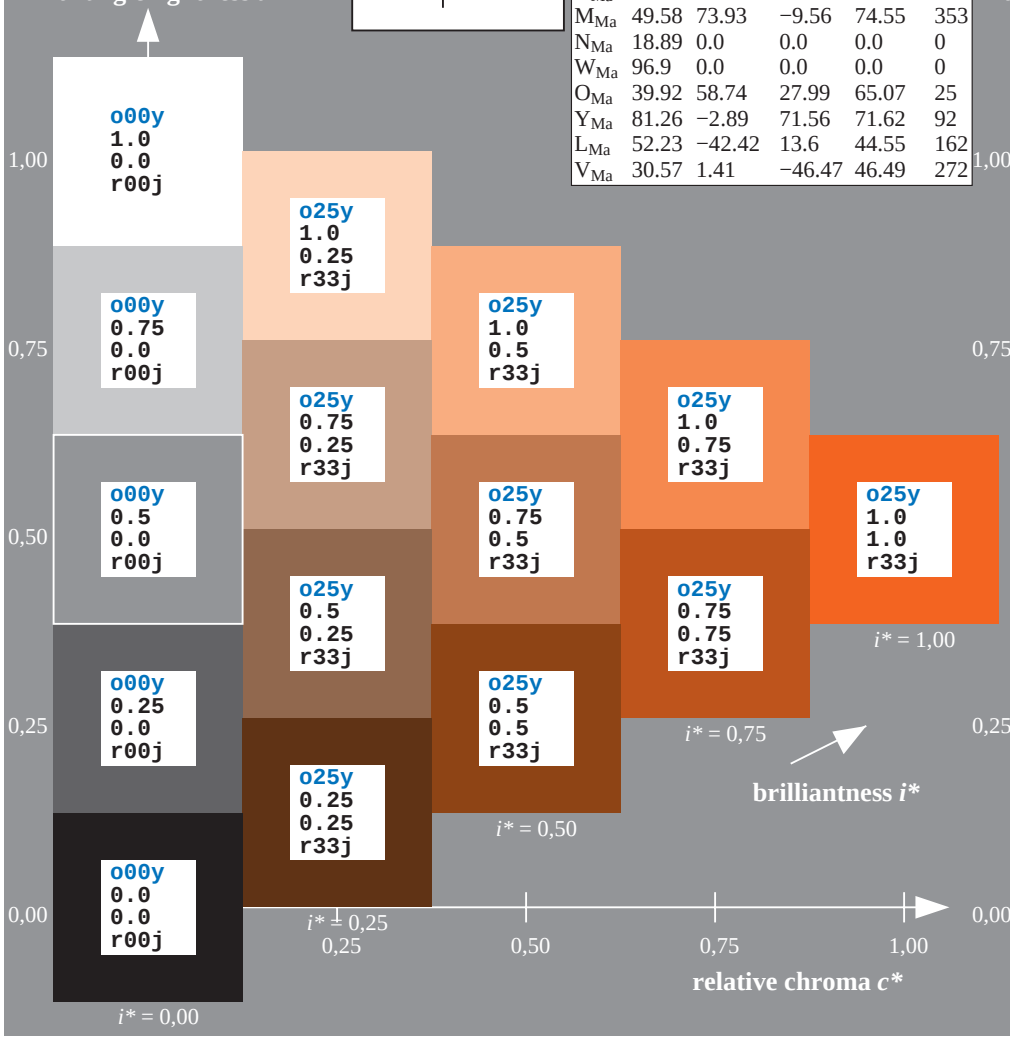
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 47 51
*LAB*LCH**$_{Ma}$: 59 69 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

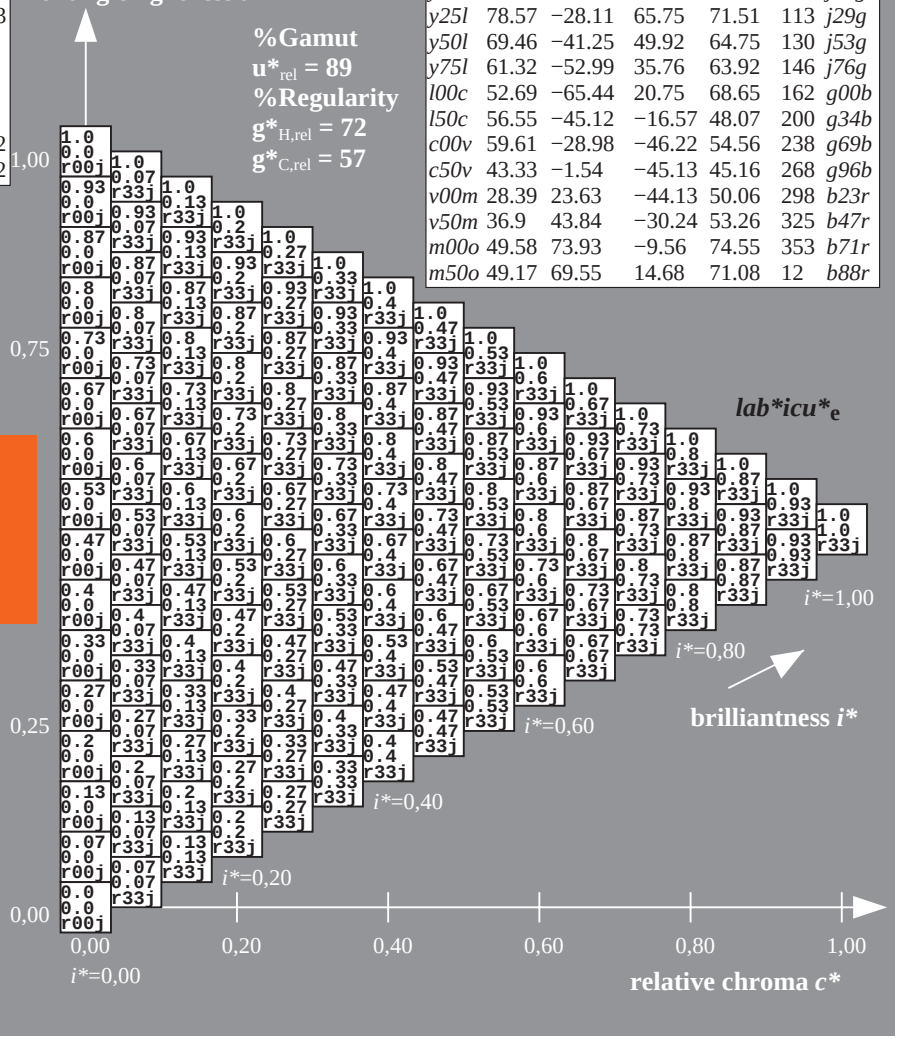
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *o25y*
*lab*icu**$_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



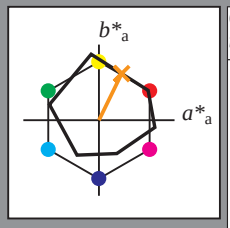


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r57j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

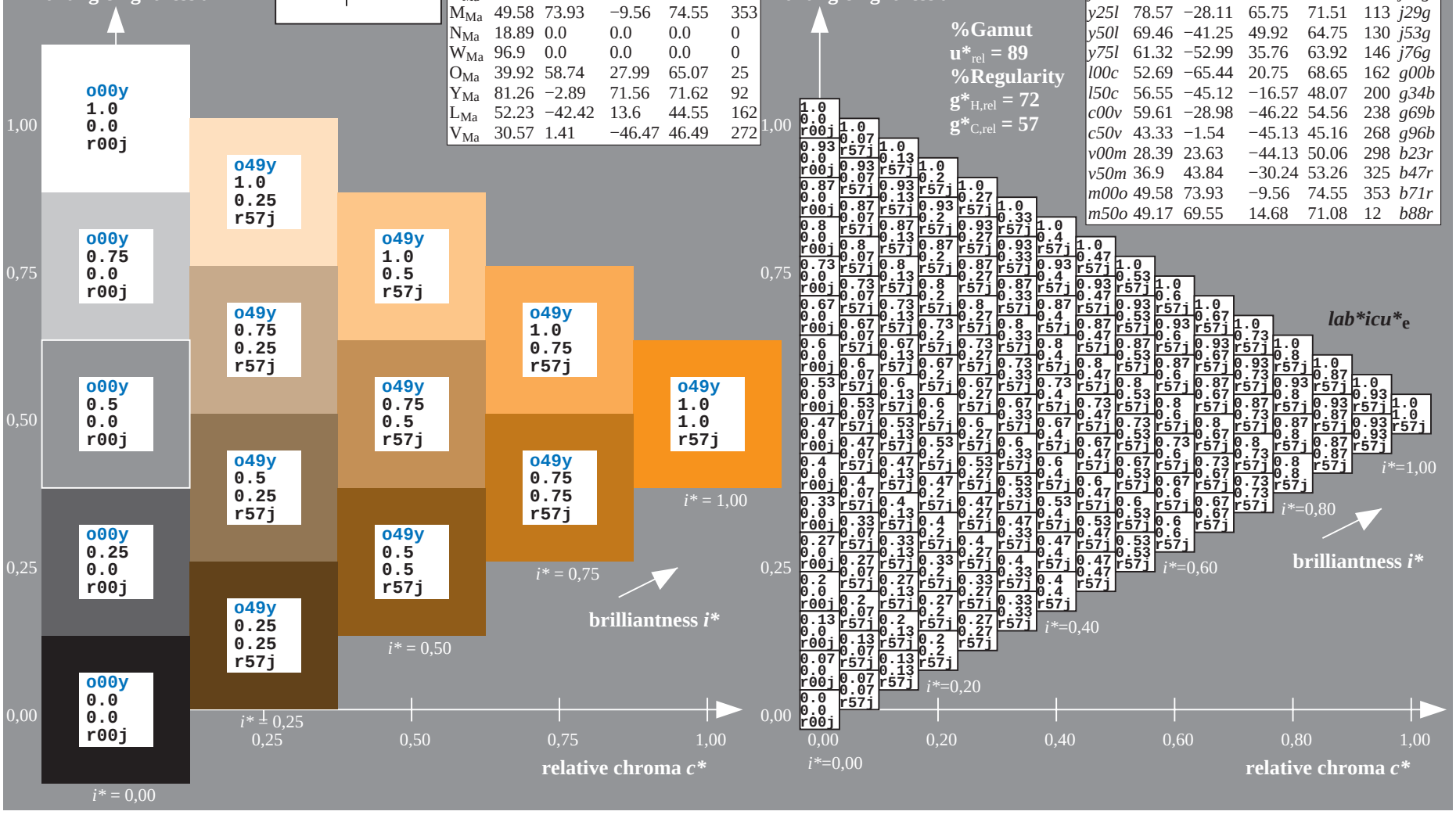
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 68 30 62
*LAB*LCH**$_{Ma}$: 68 69 63
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

u^*_d = *o50y*
*lab*icu**$_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

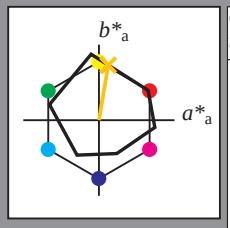


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r81j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

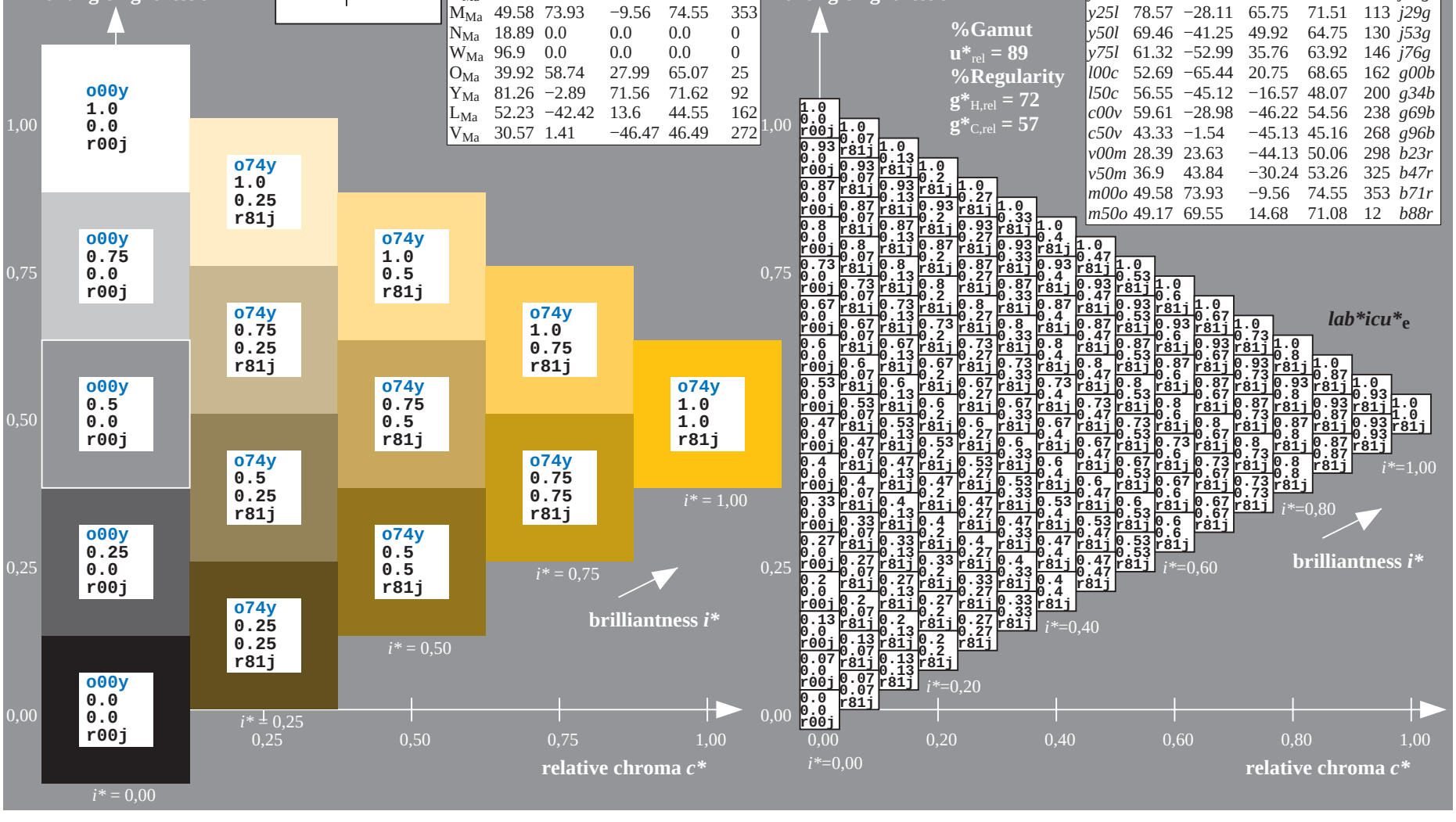
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 12 73
*LAB*LCH**$_{Ma}$: 78 74 80
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

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

u^*_d = *o75y*
*lab*icu**$_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

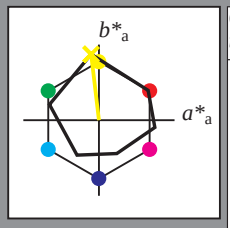


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j06g*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

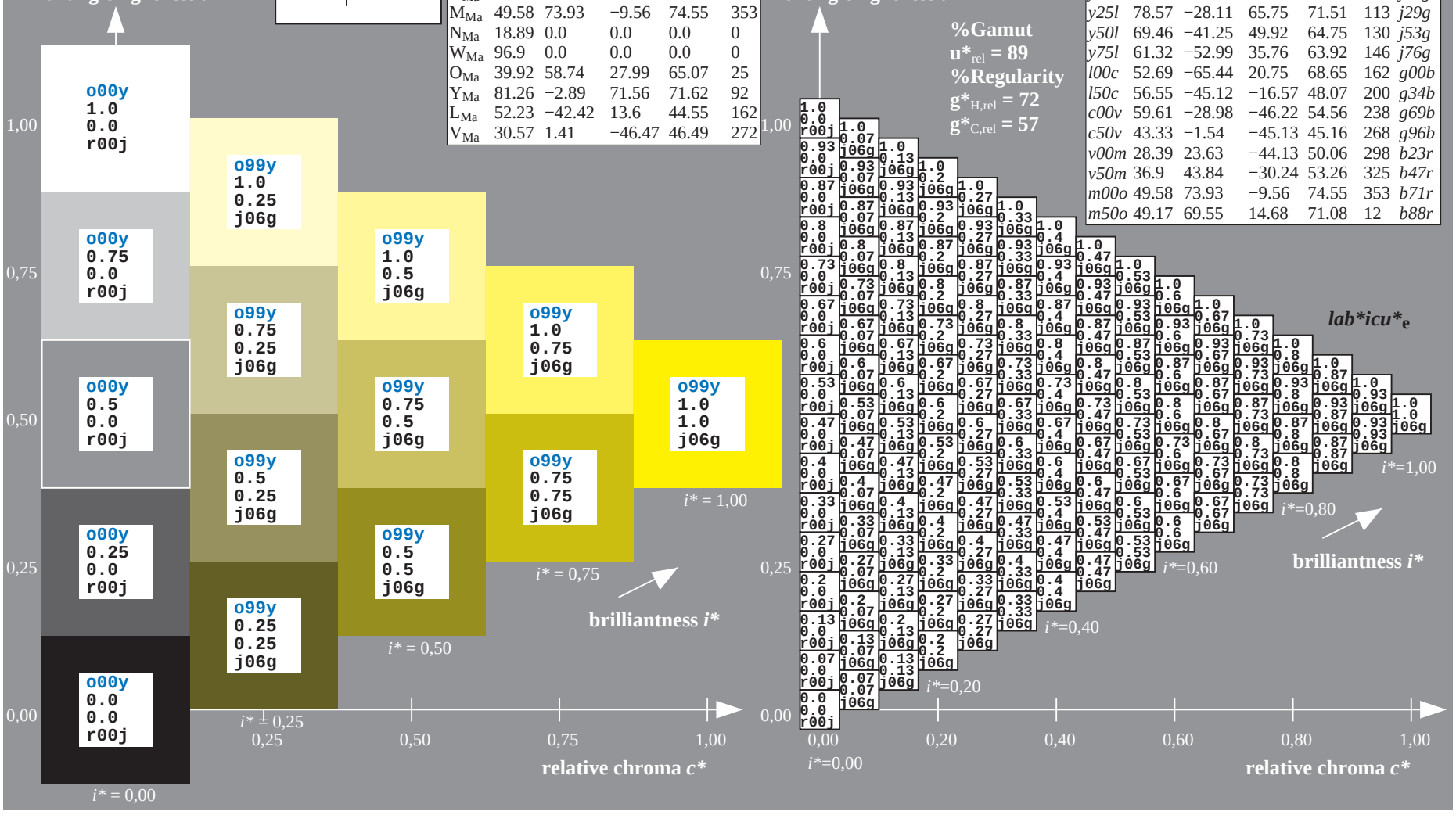
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 91 −10 87**
***LAB*LCH*Ma*: 91 88 96**
***lab*olv*Ma*: 1.0 1.0 0.0**
***lab*rgb*Ma*: 0.94 1.0 0.0**
triangle lightness *t**

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

u^*_d = *y00l*
*lab*icu**$_e$

ORS19_96a; adapted (a) CIELAB data

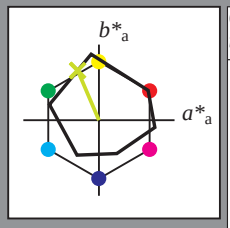
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j29g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

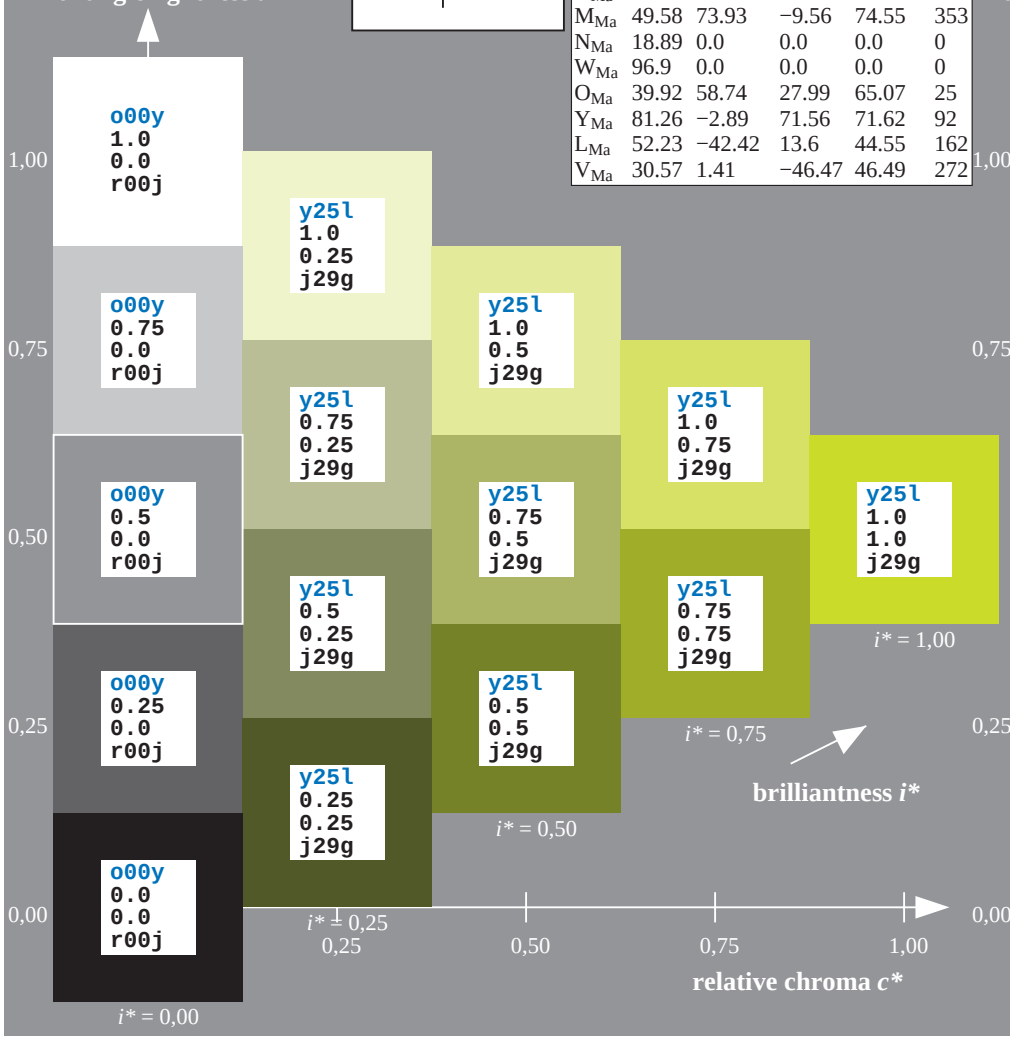
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 79 −28 66
*LAB*LCH**$_{Ma}$: 79 72 113
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.7 1.0 0.0
triangle lightness *t**

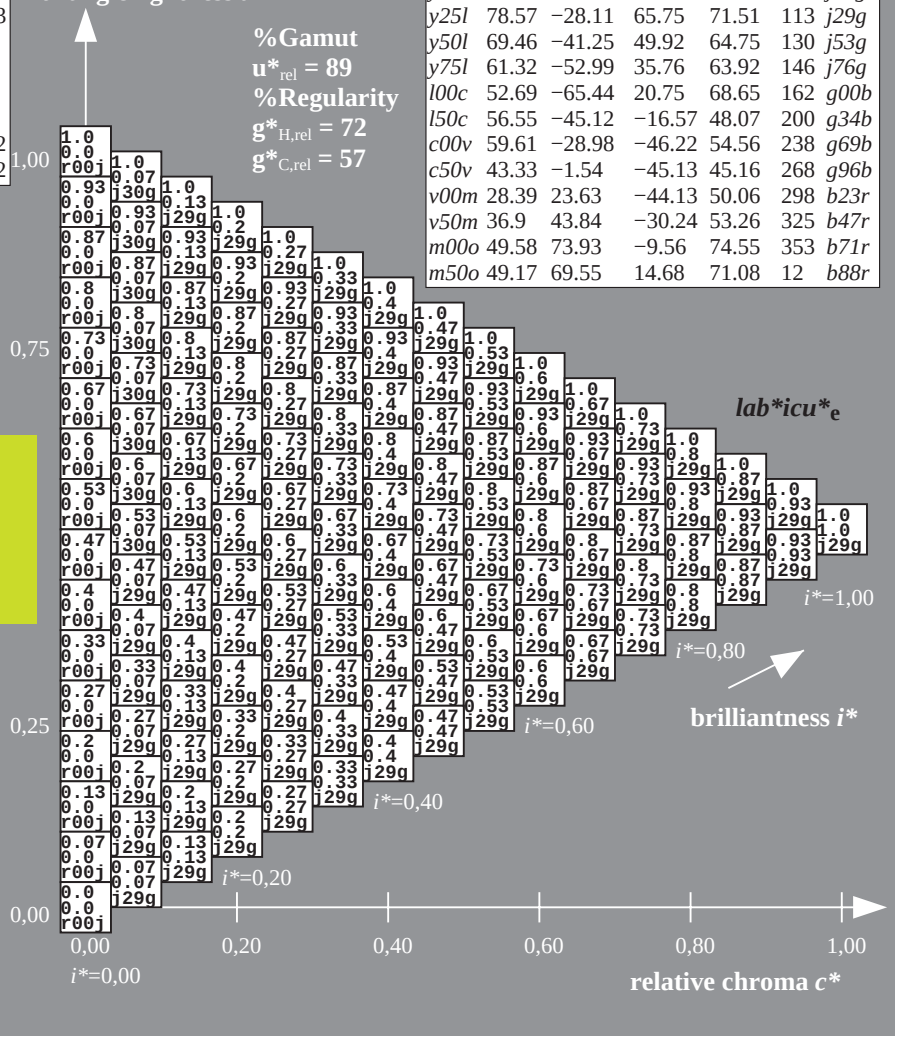
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y25l$
$lab^*icu^*_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



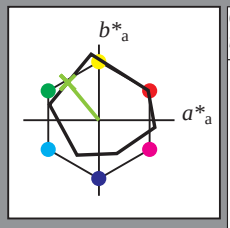


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

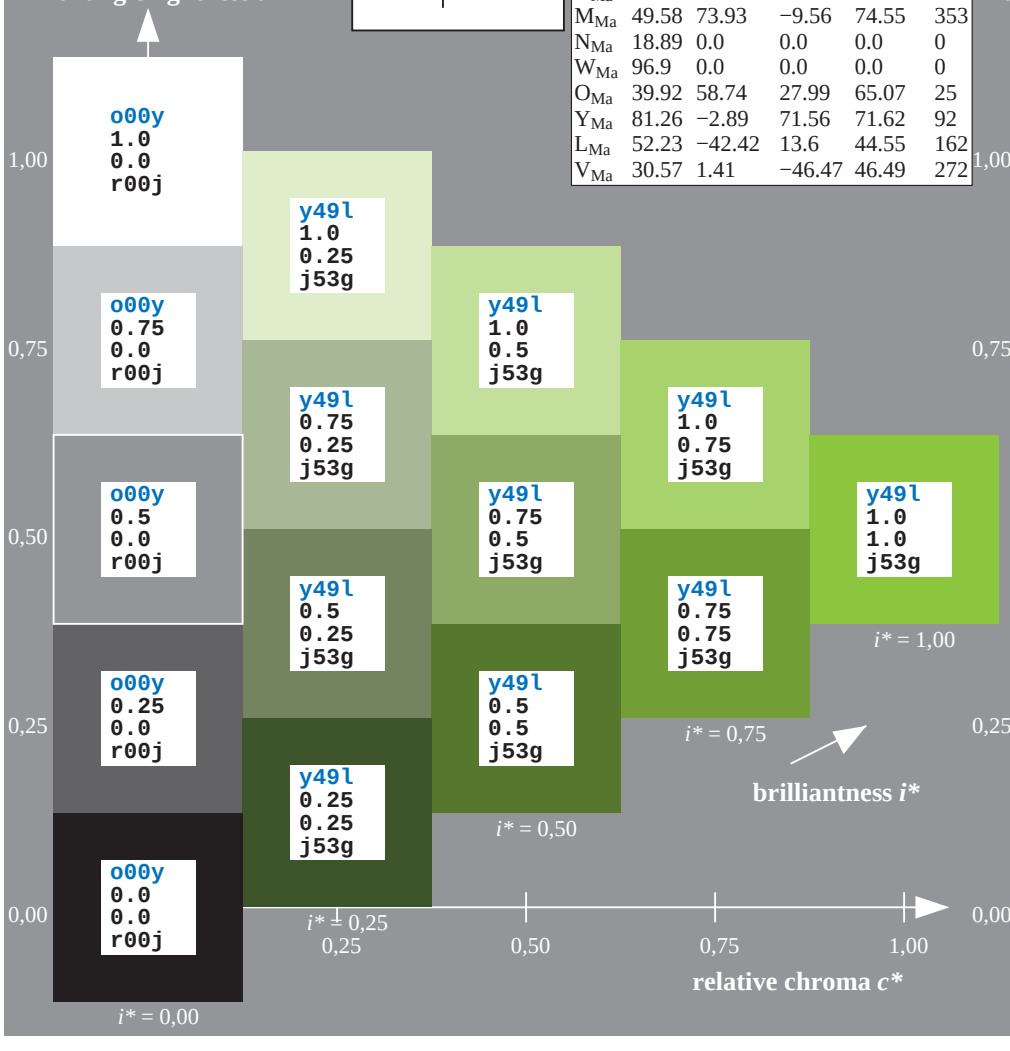
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 69 −41 50**
***LAB*LCH*Ma*: 69 65 129**
***lab*olv*Ma*: 0.5 1.0 0.0**
***lab*rgb*Ma*: 0.47 1.0 0.0**
triangle lightness *t**

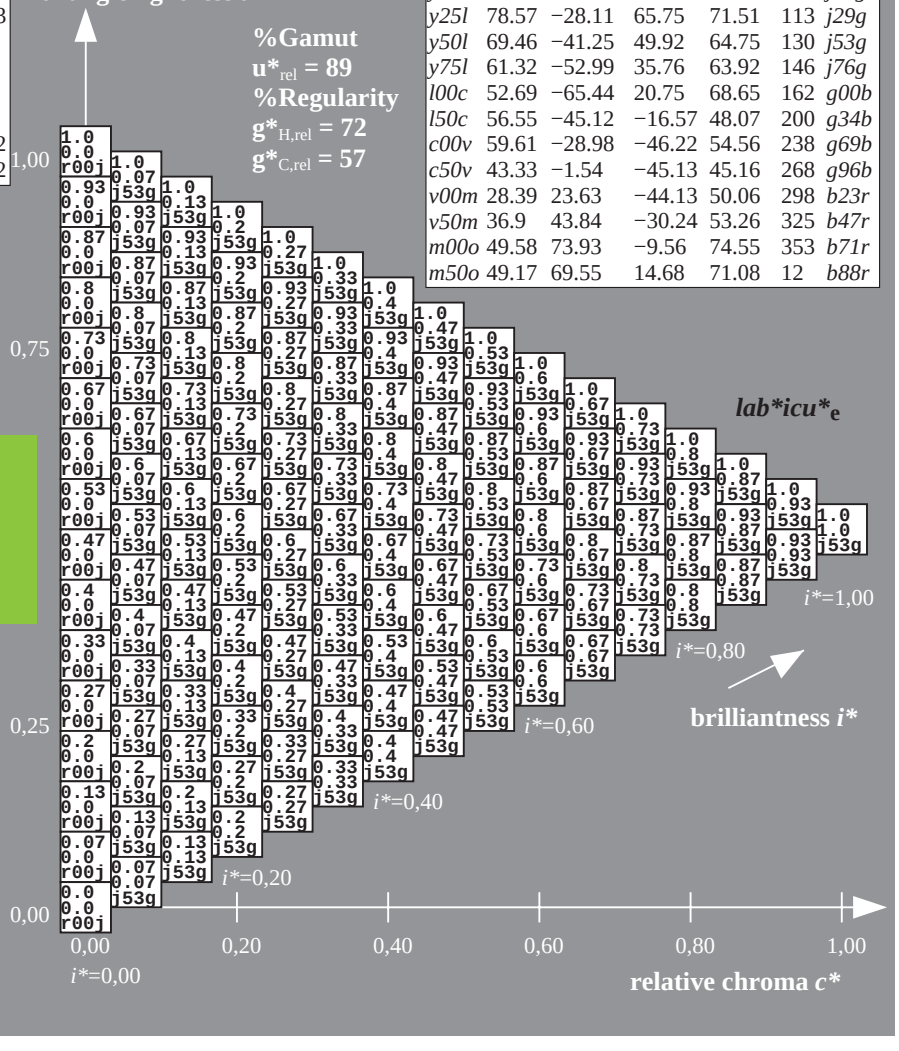
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

u*d = y50l
lab*icu*e

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



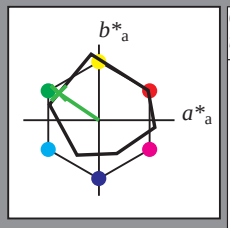


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

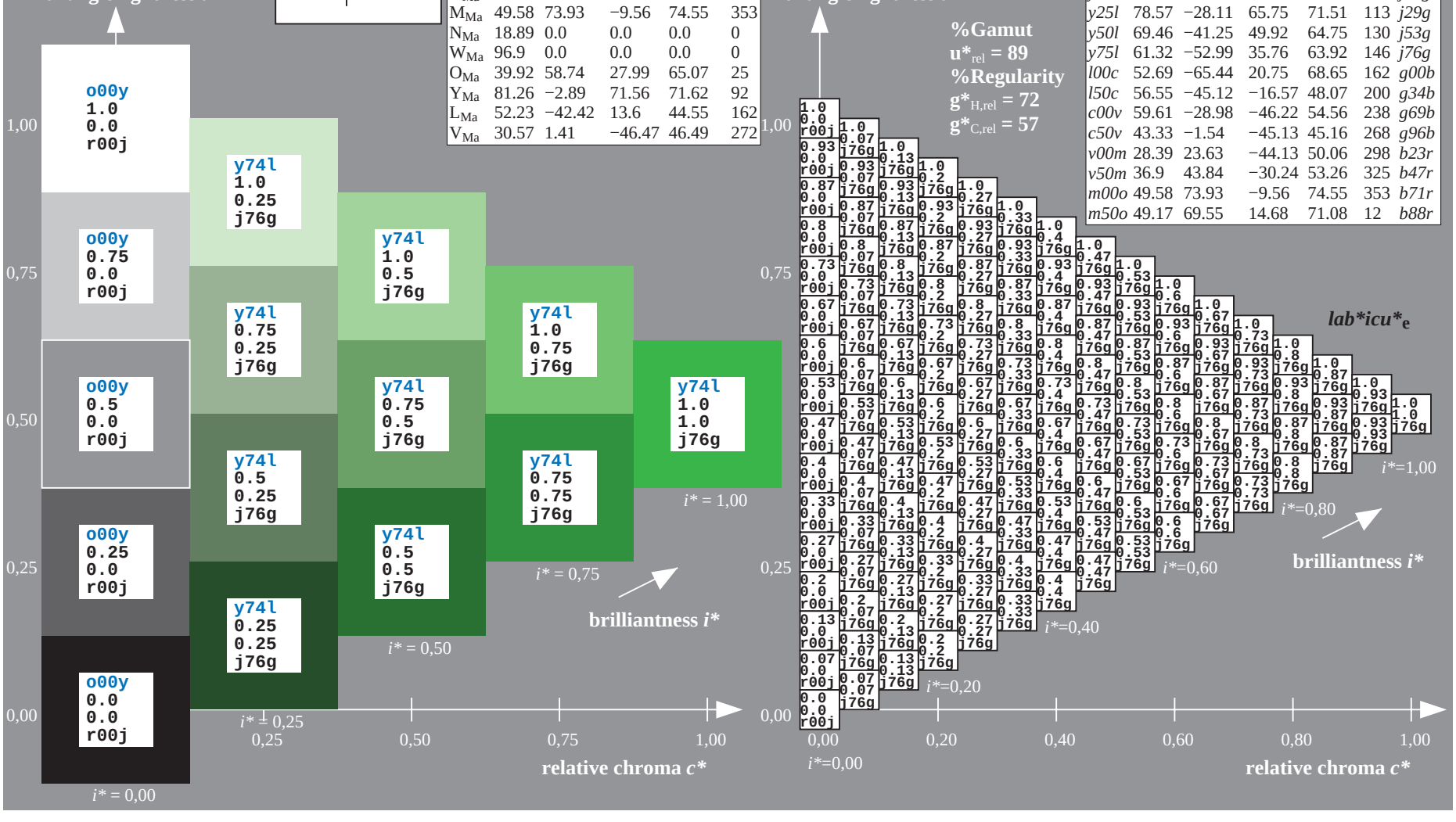
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 61 −53 36**
***LAB*LCH*Ma*: 61 64 145**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.23 1.0 0.0**
triangle lightness *t**

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

$u^*_d = y75l$
$lab^*icu^*_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

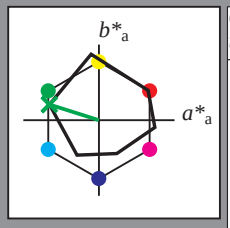


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = g00b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

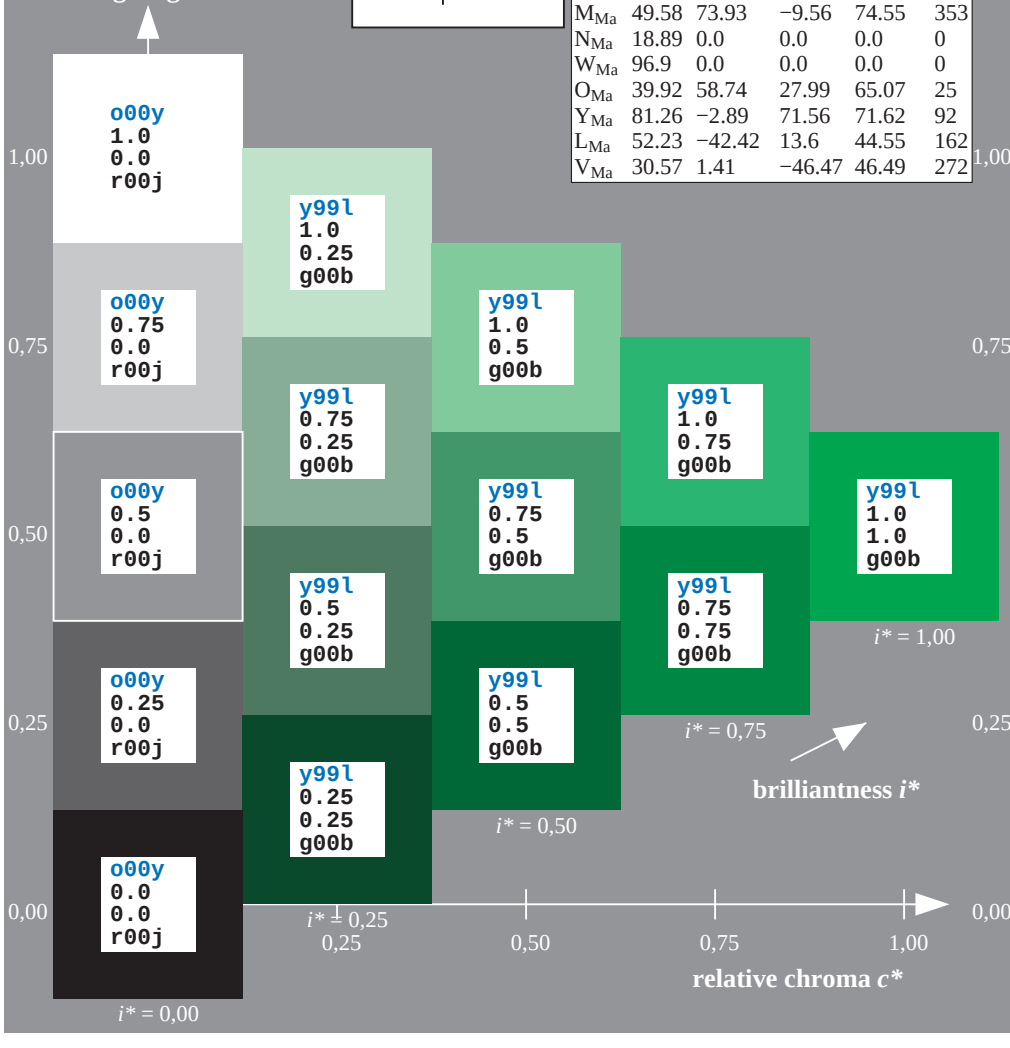
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 53 −65 21
*LAB*LCH**$_{Ma}$: 53 69 162
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.0 1.0 0.0
triangle lightness *t**

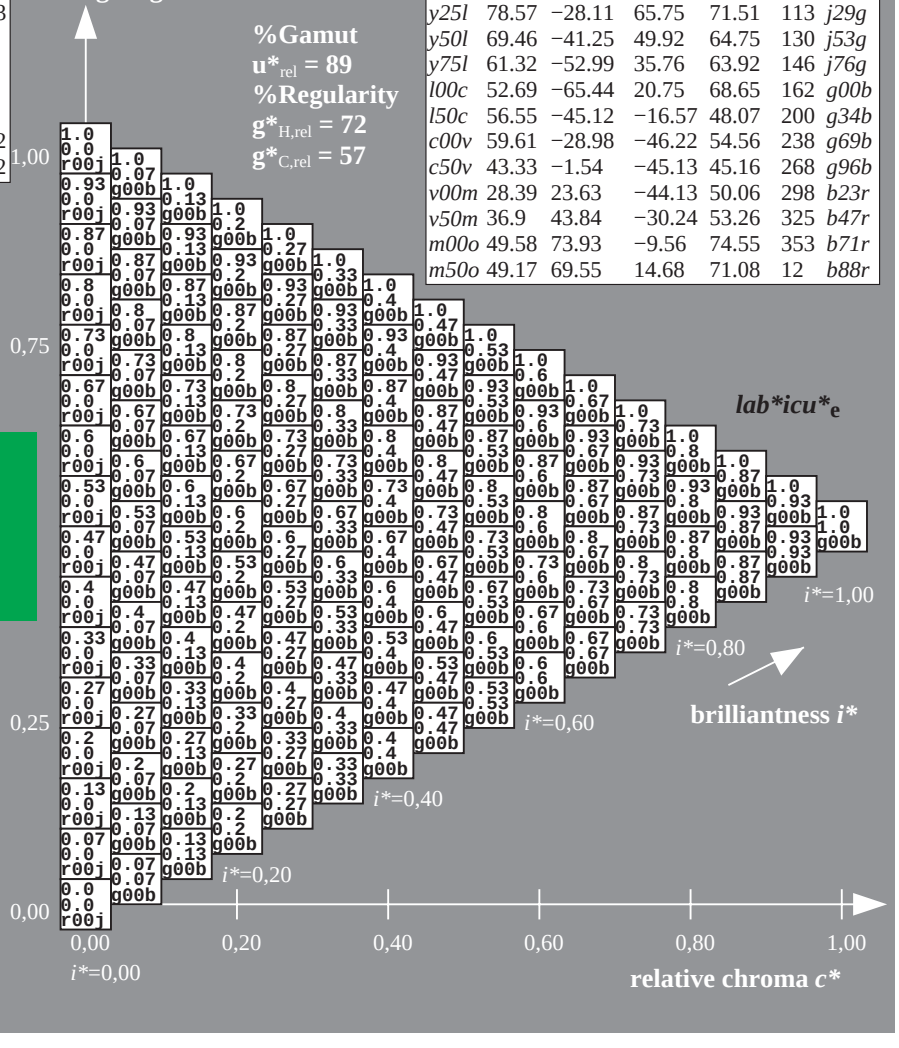
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = l00c$
$lab^*icu^*_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



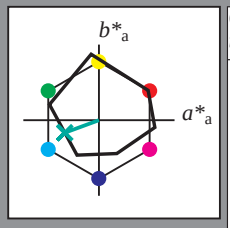


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g34b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

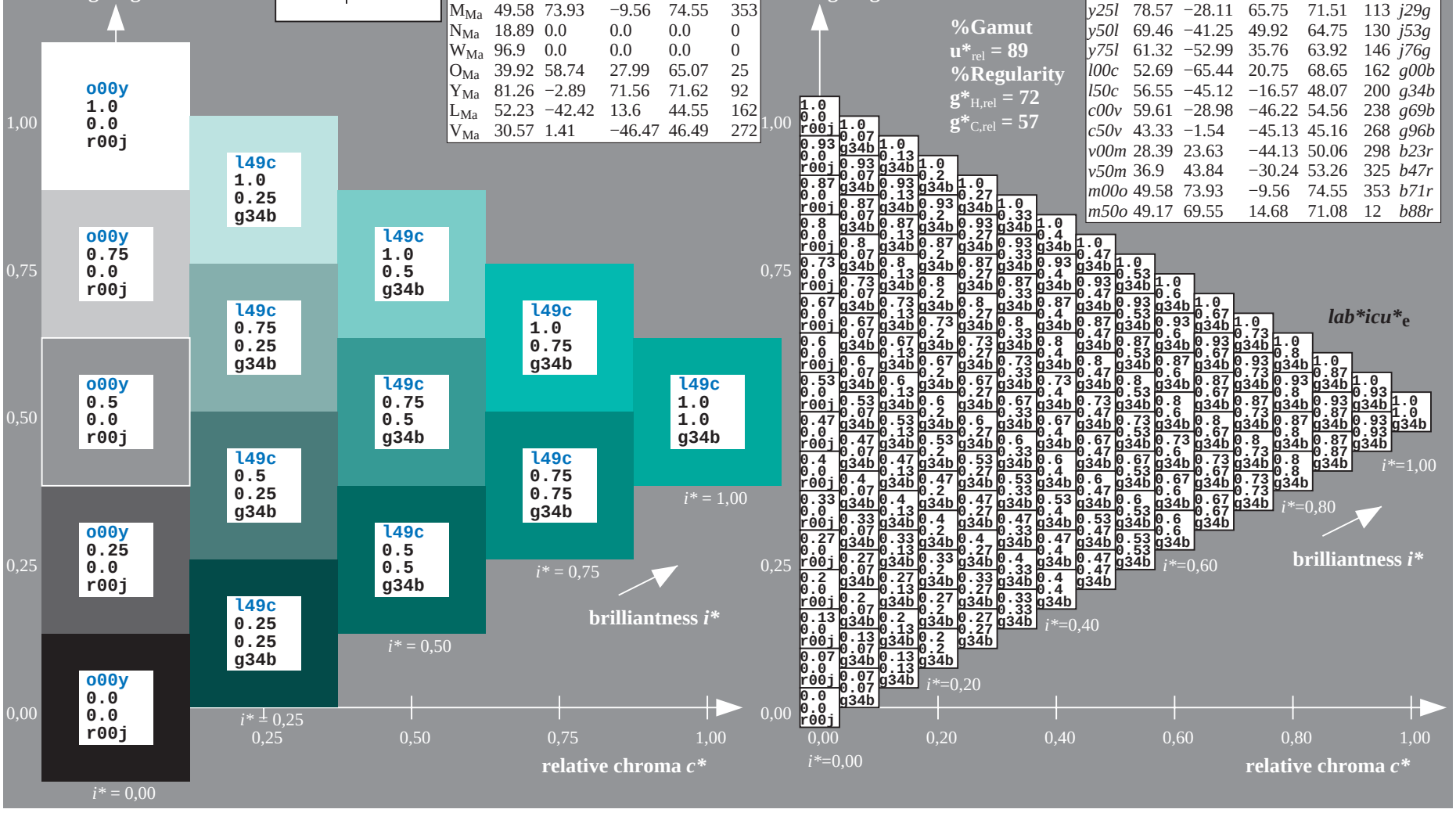
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 57 −45 −17**
***LAB*LCH*Ma*: 57 48 200**
***lab*olv*Ma*: 0.0 1.0 0.5**
***lab*rgb*Ma*: 0.0 1.0 0.69**
triangle lightness *t**

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

$u^*_d = l50c$
$lab^*icu^*_e$

ORS19_96a; adapted (a) CIELAB data

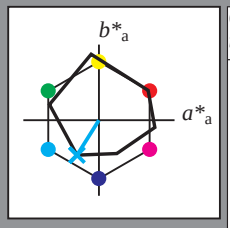
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g69b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

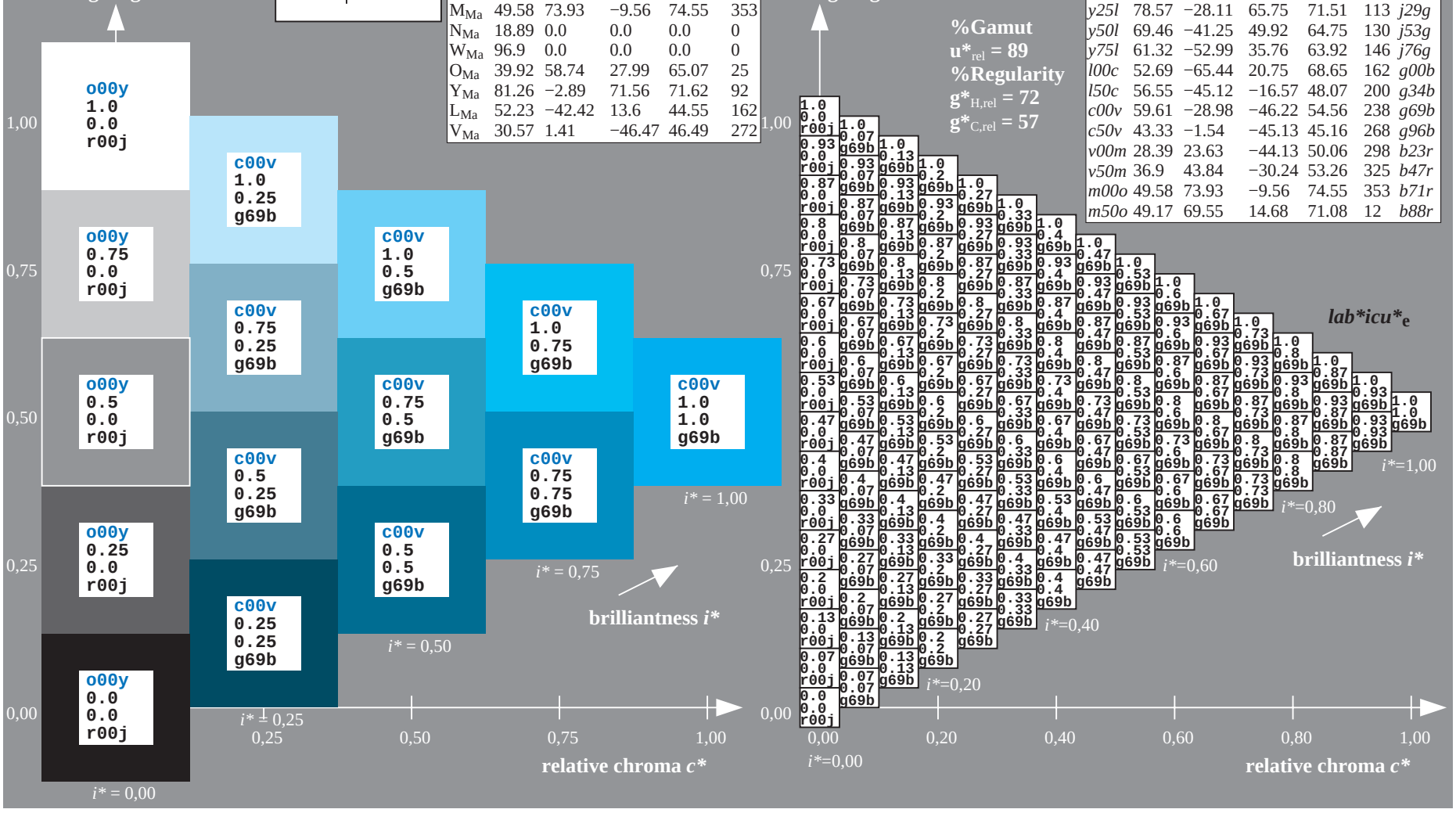
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −29 −46
*LAB*LCH**$_{Ma}$: 60 55 237
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.62 1.0
triangle lightness *t**

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

u^*_d = *c00v*
*lab*icu**$_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

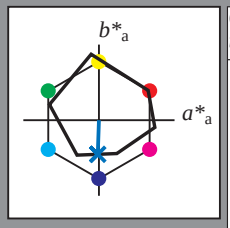


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g96b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

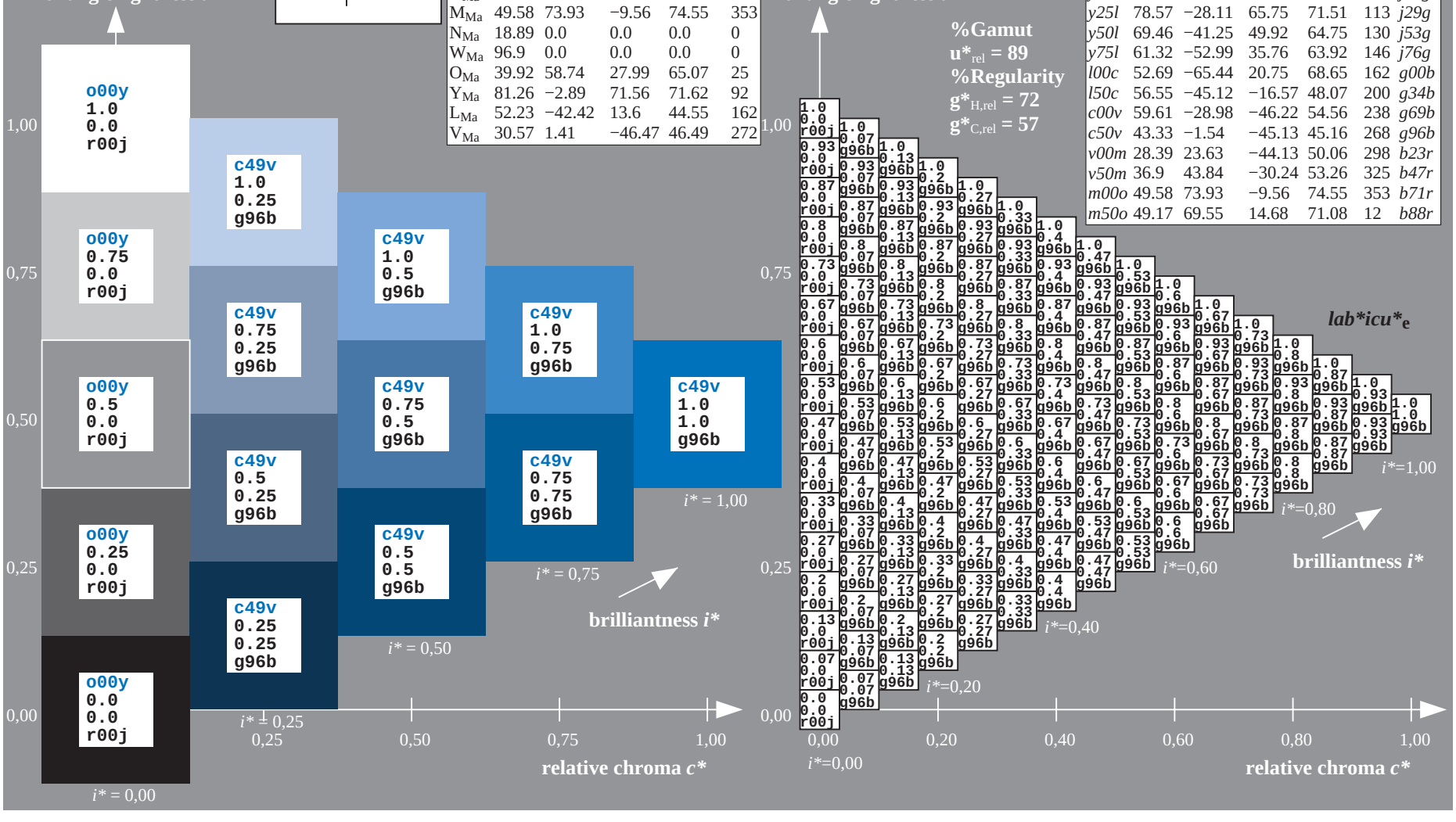
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 −2 −45
*LAB*LCH**$_{Ma}$: 43 45 268
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.07 1.0
triangle lightness *t**

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

u^*_d = *c50v*
*lab*icu**$_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

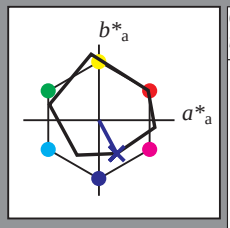


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b23r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

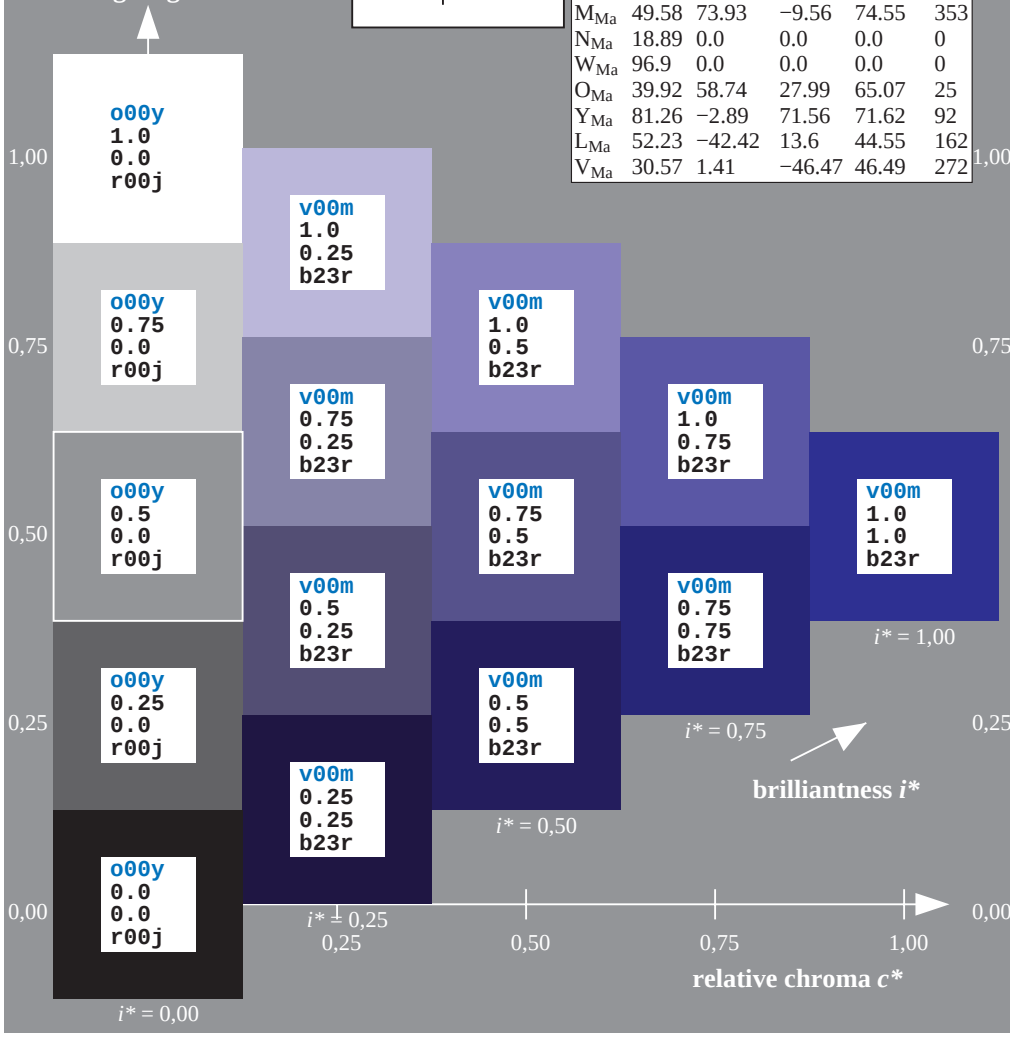
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 28 24 −44
*LAB*LCH**$_{Ma}$: 28 50 298
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.46 0.0 1.0
triangle lightness *t**

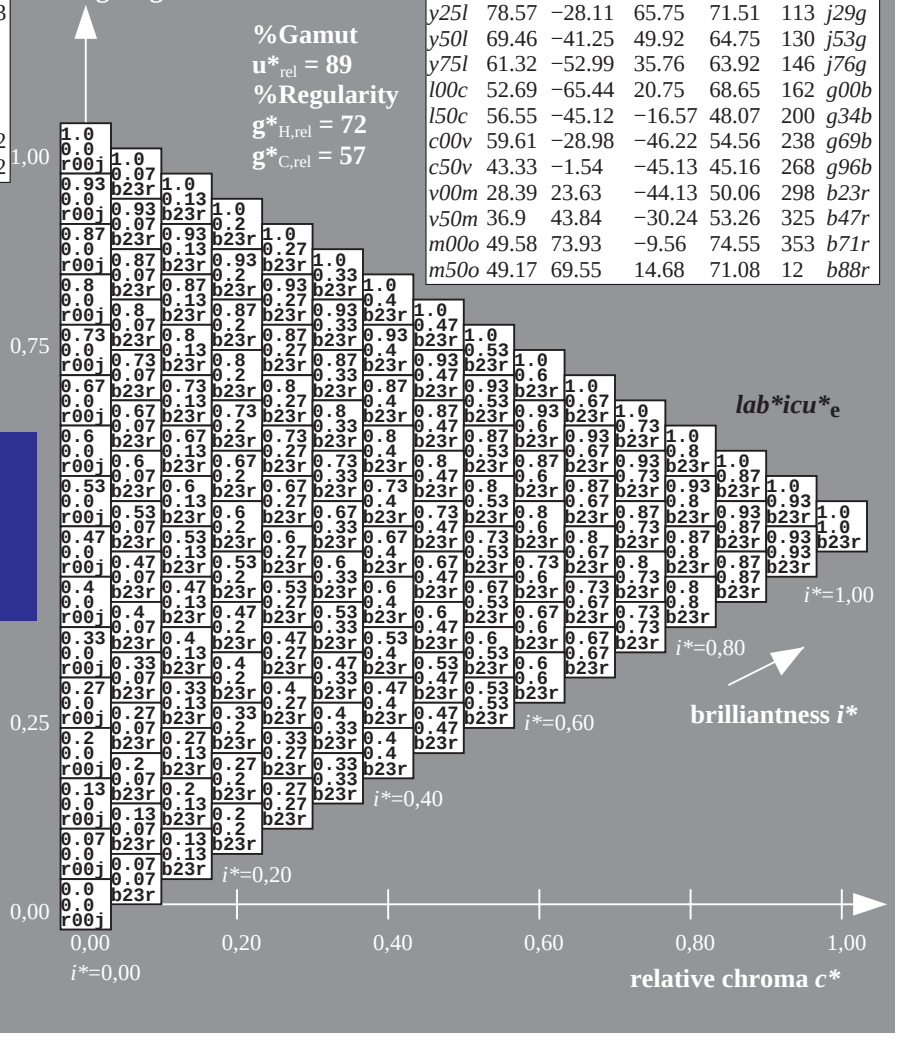
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *v00m*
*lab*icu**$_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



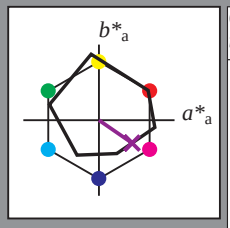


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b47r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

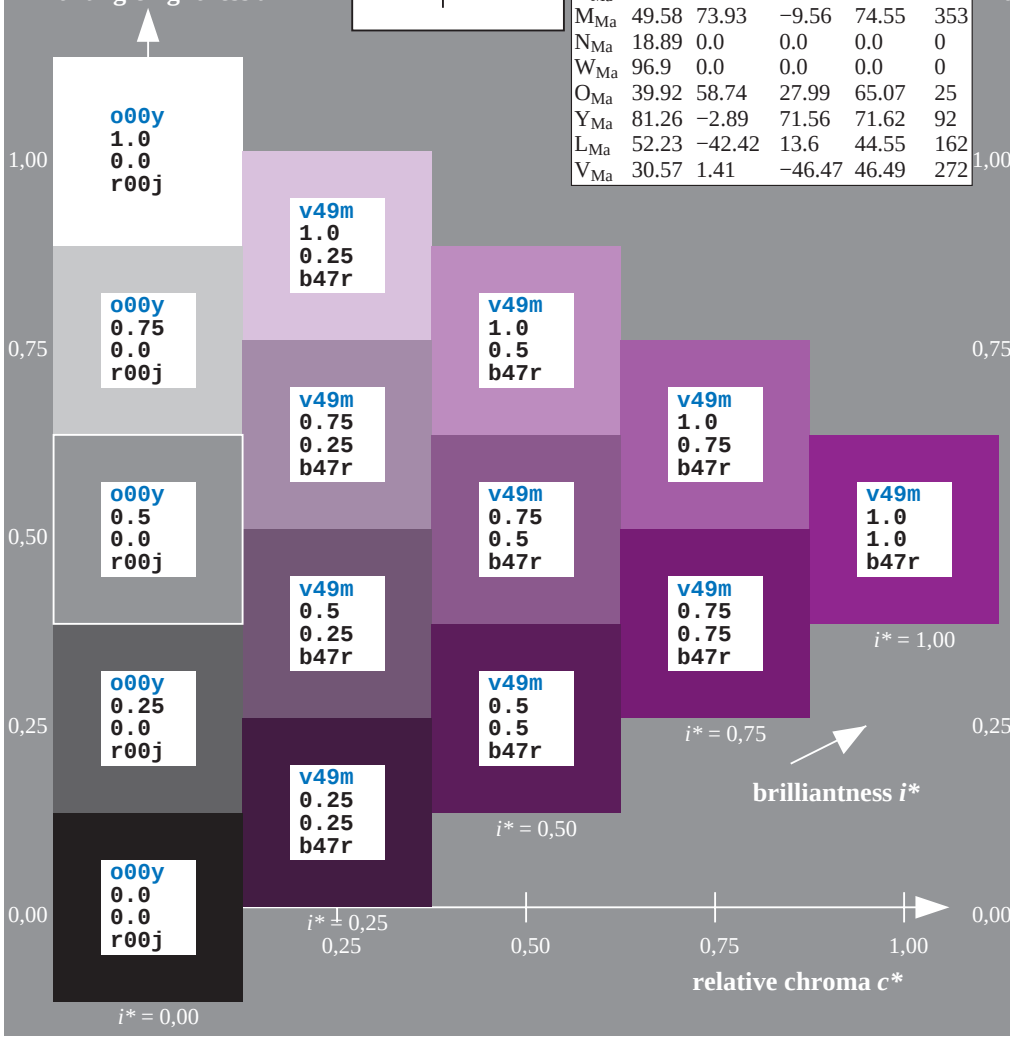
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 37 44 −30
*LAB*LCH**$_{Ma}$: 37 53 325
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.94 0.0 1.0
triangle lightness *t**

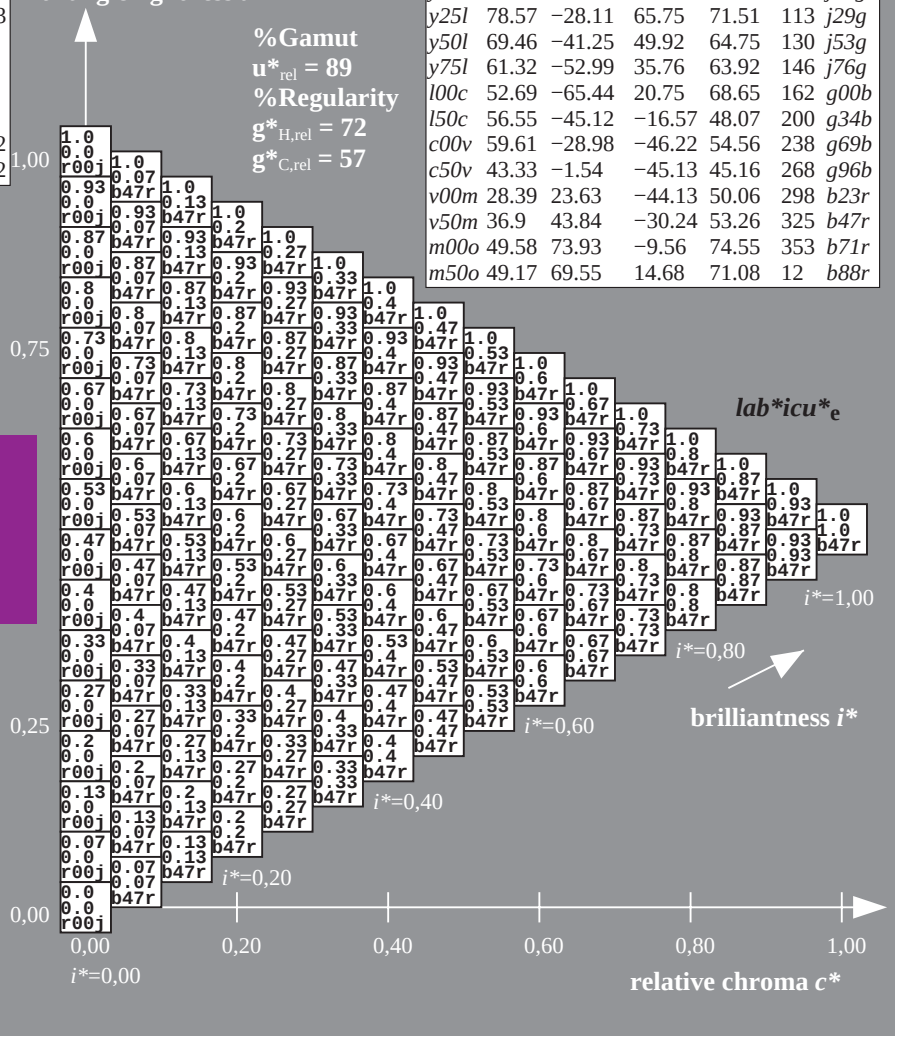
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *v50m*
*lab*icu**$_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



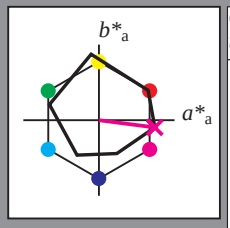


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

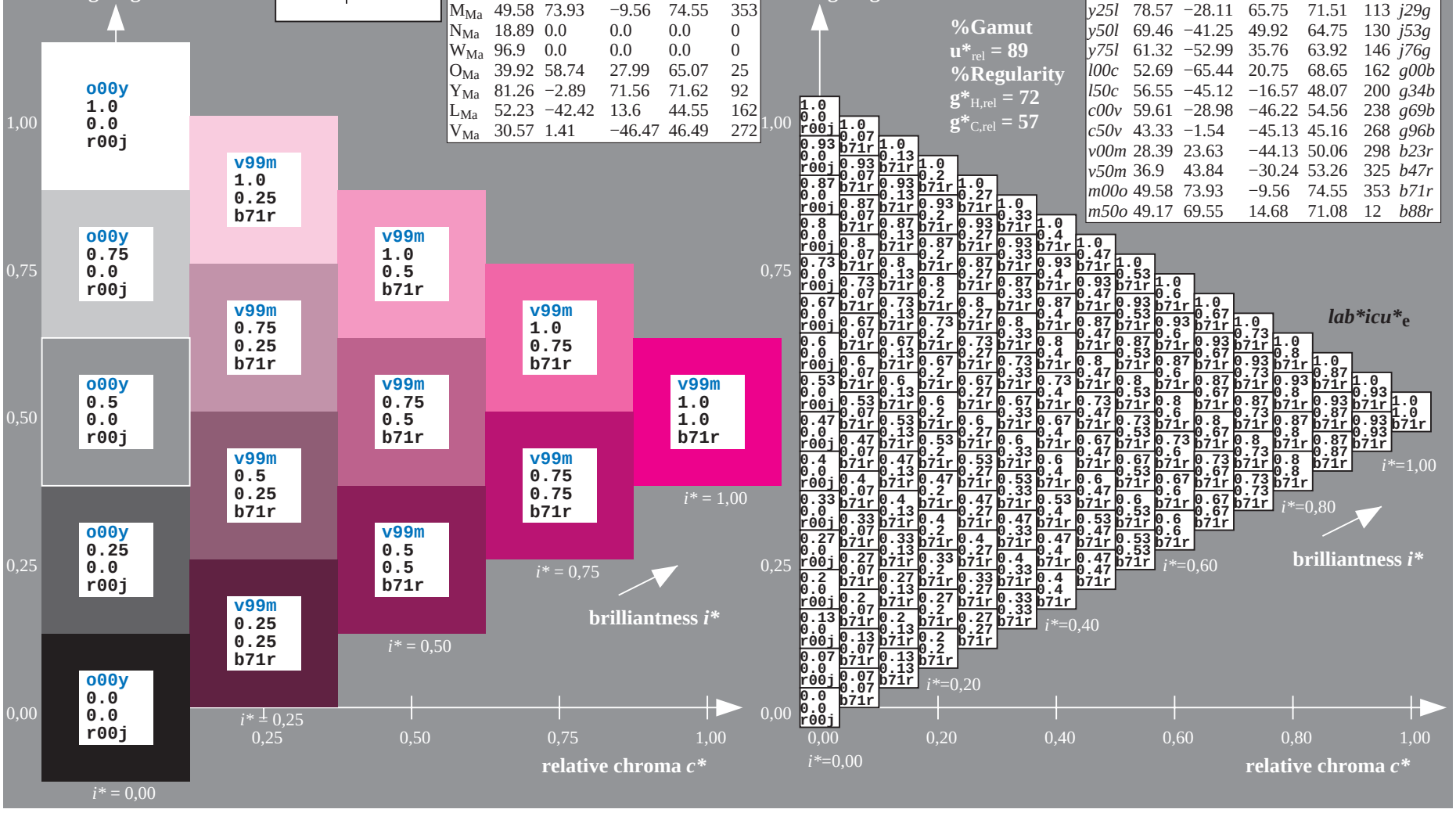
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 50 74 −10
*LAB*LCH**$_{Ma}$: 50 75 352
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.58
triangle lightness *t**

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

u^*_d = *m00o*
*lab*icu**$_e$

ORS19_96a; adapted (a) CIELAB data

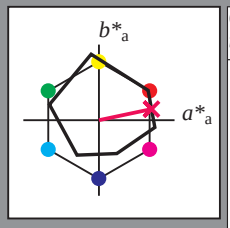
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

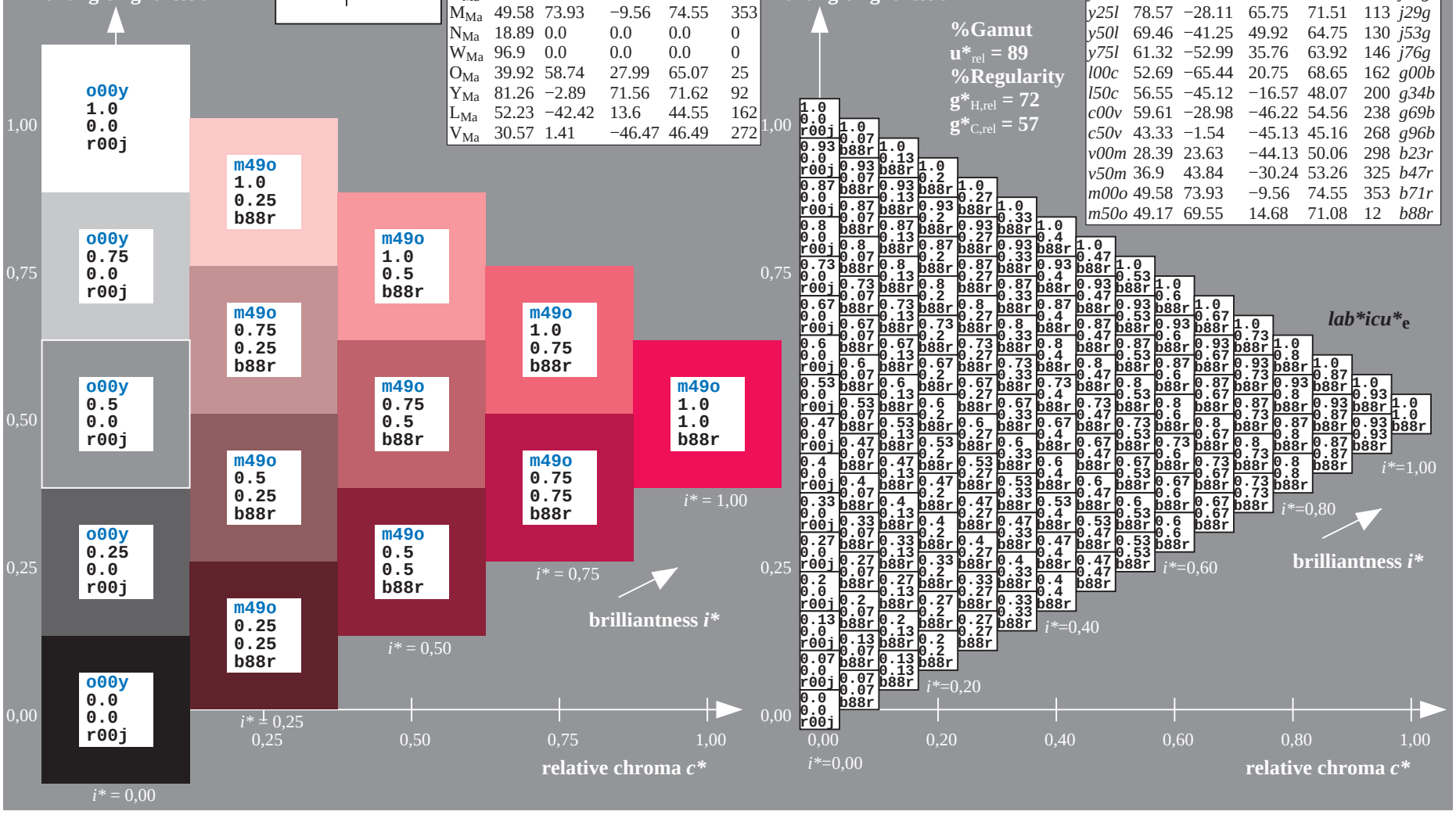
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 70 15
*LAB*LCH**$_{Ma}$: 49 71 11
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.24
triangle lightness *t**

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

u^*_d = *m50o*
*lab*icu**$_e$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

	A	B	C	D	E	F	G	H	I
01	0.0 0.0 r00j	0.13 0.13 g00b	0.25 0.25 g00b	0.38 0.38 g00b	0.5 0.5 g00b	0.63 0.63 g00b	0.75 0.75 g00b	0.88 0.88 g00b	1.0 1.0 g00b
02	0.13 0.13 b23r	0.13 0.13 g69b	0.25 0.25 g34b	0.38 0.38 g23b	0.5 0.5 g17b	0.63 0.63 g14b	0.75 0.75 g12b	0.88 0.88 g10b	1.0 1.0 g09b
03	0.25 0.25 b23r	0.25 0.25 g96b	0.25 0.25 g69b	0.38 0.38 g46b	0.5 0.5 g34b	0.63 0.63 g27b	0.75 0.75 g23b	0.88 0.88 g20b	1.0 1.0 g17b
04	0.38 0.38 b23r	0.38 0.38 b06r	0.38 0.38 g87b	0.38 0.38 g69b	0.5 0.5 g52b	0.63 0.63 g41b	0.75 0.75 g34b	0.88 0.88 g29b	1.0 1.0 g26b
05	0.5 0.5 b23r	0.5 0.5 b10r	0.5 0.5 g96b	0.5 0.5 g83b	0.5 0.5 g69b	0.63 0.63 g55b	0.75 0.75 g46b	0.88 0.88 g39b	1.0 1.0 g34b
06	0.63 0.63 b23r	0.63 0.63 b13r	0.63 0.63 b02r	0.63 0.63 g91b	0.63 0.63 g80b	0.63 0.63 g69b	0.75 0.75 g58b	0.88 0.88 g49b	1.0 1.0 g43b
07	0.75 0.75 b23r	0.75 0.75 b14r	0.75 0.75 b06r	0.75 0.75 g96b	0.75 0.75 g87b	0.75 0.75 g78b	0.75 0.75 g69b	0.88 0.88 g59b	1.0 1.0 g52b
08	0.88 0.88 b23r	0.88 0.88 b16r	0.88 0.88 b08r	0.88 0.88 b01r	0.88 0.88 g92b	0.88 0.88 g84b	0.88 0.88 g77b	0.88 0.88 g69b	1.0 1.0 g60b
09	1.0 1.0 b23r	1.0 1.0 b16r	1.0 1.0 b10r	1.0 1.0 b03r	1.0 1.0 g96b	1.0 1.0 g89b	1.0 1.0 g83b	1.0 1.0 g76b	1.0 1.0 g69b
10	0.38 0.38 r08j	0.38 0.38 r41j	0.38 0.38 r73j	0.38 0.38 j06g	0.5 0.5 j29g	0.63 0.63 j43g	0.75 0.75 j53g	0.88 0.88 j59g	1.0 1.0 j64g
11	0.38 0.38 b93r	0.38 0.25 r08j	0.38 0.25 r57j	0.38 0.25 j06g	0.5 0.38 j37g	0.63 0.5 j53g	0.75 0.63 j62g	0.88 0.75 j68g	1.0 0.88 j73g
12	0.38 0.38 b82r	0.38 0.25 b88r	0.38 0.13 r08j	0.38 0.13 j06g	0.5 0.25 j53g	0.63 0.38 j68g	0.75 0.5 j76g	0.88 0.63 j81g	1.0 0.75 j84g
13	0.38 0.38 b71r	0.38 0.25 b71r	0.38 0.13 b71r	0.38 0.0 r00j	0.5 0.13 g00b	0.63 0.25 g00b	0.75 0.38 g00b	0.88 0.5 g00b	1.0 0.63 g00b
14	0.5 0.5 b59r	0.5 0.38 b55r	0.5 0.25 b47r	0.5 0.13 b23r	0.5 0.13 g69b	0.63 0.25 g34b	0.75 0.38 g23b	0.88 0.5 g17b	1.0 0.63 g14b
15	0.63 0.63 b52r	0.63 0.5 b47r	0.63 0.38 b39r	0.63 0.25 b23r	0.63 0.25 g96b	0.63 0.25 g69b	0.75 0.38 g46b	0.88 0.5 g34b	1.0 0.63 g27b
16	0.75 0.75 b47r	0.75 0.63 b42r	0.75 0.5 b35r	0.75 0.38 b23r	0.75 0.38 b06r	0.75 0.38 g87b	0.75 0.38 g69b	0.88 0.5 g52b	1.0 0.63 g41b
17	0.88 0.88 b43r	0.88 0.75 b39r	0.88 0.63 b32r	0.88 0.5 b23r	0.88 0.5 b10r	0.88 0.5 g96b	0.88 0.5 g83b	0.88 0.5 g69b	1.0 0.63 g55b
18	1.0 1.0 b41r	1.0 0.88 b37r	1.0 0.75 b31r	1.0 0.63 b23r	1.0 0.63 b13r	1.0 0.63 b02r	1.0 0.63 g91b	1.0 0.63 g80b	1.0 0.63 g69b
19	0.75 0.75 r08j	0.75 0.75 r25j	0.75 0.75 r41j	0.75 0.75 r57j	0.75 0.75 r73j	0.75 0.75 r89j	0.75 0.75 j06g	0.88 0.88 j20g	1.0 1.0 j29g
20	0.75 0.75 b99r	0.75 0.63 r08j	0.75 0.63 r28j	0.75 0.63 r47j	0.75 0.63 r67j	0.75 0.63 r86j	0.75 0.63 j06g	0.88 0.75 j22g	1.0 0.88 j33g
21	0.75 0.75 b93r	0.75 0.63 b98r	0.75 0.5 r08j	0.75 0.5 r33j	0.75 0.5 r57j	0.75 0.5 r81j	0.75 0.5 j06g	0.88 0.63 j25g	1.0 0.75 j37g
22	0.75 0.75 b88r	0.75 0.63 b91r	0.75 0.5 b96r	0.75 0.38 r08j	0.75 0.38 r41j	0.75 0.38 r73j	0.75 0.38 j06g	0.88 0.5 j29g	1.0 0.63 j43g
23	0.75 0.75 b82r	0.75 0.63 b84r	0.75 0.5 b88r	0.75 0.38 b93r	0.75 0.25 r08j	0.75 0.25 r57j	0.75 0.25 j06g	0.88 0.38 j37g	1.0 0.5 j53g
24	0.75 0.75 b76r	0.75 0.63 b78r	0.75 0.5 b79r	0.75 0.38 b82r	0.75 0.25 b88r	0.75 0.13 r08j	0.75 0.13 j06g	0.88 0.25 j53g	1.0 0.38 j68g
25	0.75 0.75 b71r	0.75 0.63 b71r	0.75 0.5 b71r	0.75 0.38 b71r	0.75 0.25 b71r	0.75 0.13 b71r	0.75 0.0 r00j	0.88 0.13 g00b	1.0 0.25 g00b
26	0.88 0.88 b64r	0.88 0.75 b63r	0.88 0.63 b61r	0.88 0.5 b59r	0.88 0.38 b55r	0.88 0.25 b47r	0.88 0.13 b23r	0.88 0.13 g69b	1.0 0.25 g34b
27	1.0 1.0 b59r	1.0 0.88 b57r	1.0 0.75 b55r	1.0 0.63 b52r	1.0 0.5 b47r	1.0 0.38 b39r	1.0 0.25 b23r	1.0 0.25 g96b	1.0 0.25 g69b

	J	K	L	M	N	O	P	Q	R
01	0.13 0.13 r08j	0.13 0.13 j06g	0.25 0.25 j53g	0.38 0.38 j68g	0.5 0.5 j76g	0.63 0.63 j81g	0.75 0.75 j84g	0.88 0.88 j86g	1.0 1.0 j88g
02	0.13 0.13 b71r	0.13 0.0 r00j	0.25 0.13 g00b	0.38 0.25 g00b	0.5 0.38 g00b	0.63 0.5 g00b	0.75 0.63 g00b	0.88 0.75 g00b	1.0 0.88 g00b
03	0.25 0.25 b47r	0.25 0.13 b23r	0.25 0.13 g69b	0.38 0.25 g34b	0.5 0.38 g23b	0.63 0.5 g17b	0.75 0.63 g14b	0.88 0.75 g12b	1.0 0.88 g10b
04	0.38 0.38 b39r	0.38 0.25 b23r	0.38 0.25 g96b	0.38 0.25 g69b	0.5 0.38 g46b	0.63 0.5 g34b	0.75 0.63 g27b	0.88 0.75 g23b	1.0 0.88 g20b
05	0.5 0.5 b35r	0.5 0.38 b23r	0.5 0.38 b06r	0.5 0.38 g87b	0.5 0.38 g69b	0.63 0.5 g52b	0.75 0.63 g41b	0.88 0.75 g34b	1.0 0.88 g29b
06	0.63 0.63 b32r	0.63 0.5 b23r	0.63 0.5 b10r	0.63 0.5 g96b	0.63 0.5 g83b	0.63 0.5 g69b	0.75 0.63 g55b	0.88 0.75 g46b	1.0 0.88 g39b
07	0.75 0.75 b31r	0.75 0.63 b23r	0.75 0.63 b13r	0.75 0.63 b02r	0.75 0.63 g91b	0.75 0.63 g80b	0.75 0.63 g69b	0.88 0.75 g58b	1.0 0.88 g49b
08	0.88 0.88 b30r	0.88 0.75 b23r	0.88 0.75 b14r	0.88 0.75 b06r	0.88 0.75 g96b	0.88 0.75 g87b	0.88 0.75 g78b	0.88 0.75 g69b	1.0 0.88 g59b
09	1.0 1.0 b29r	1.0 0.88 b23r	1.0 0.88 b16r	1.0 0.88 b08r	1.0 0.88 b01r	1.0 0.88 g92b	1.0 0.88 g84b	1.0 0.88 g77b	1.0 0.88 g69b
10	0.5 0.5 r08j	0.5 0.5 r33j	0.5 0.5 r57j	0.5 0.5 r81j	0.5 0.5 j06g	0.63 0.63 j25g	0.75 0.75 j37g	0.88 0.88 j46g	1.0 1.0 j53g
11	0.5 0.5 b96r	0.5 0.38 r08j	0.5 0.38 r41j	0.5 0.38 r73j	0.5 0.38 j06g	0.63 0.5 j29g	0.75 0.63 j43g	0.88 0.75 j53g	1.0 0.88 j59g
12	0.5 0.5 b88r	0.5 0.38 b93r	0.5 0.25 r08j	0.5 0.25 r57j	0.5 0.25 j06g	0.63 0.38 j37g	0.75 0.5 j53g	0.88 0.63 j62g	1.0 0.75 j68g
13	0.5 0.5 b79r	0.5 0.38 b82r	0.5 0.25 b88r	0.5 0.13 r08j	0.5 0.13 j06g	0.63 0.25 j53g	0.75 0.38 j68g	0.88 0.5 j76g	1.0 0.63 j81g
14	0.5 0.5 b71r	0.5 0.38 b71r	0.5 0.25 b71r	0.5 0.13 b71r	0.5 0.0 r00j	0.63 0.13 g00b	0.75 0.25 g00b	0.88 0.38 g00b	1.0 0.5 g00b
15	0.63 0.63 b61r	0.63 0.5 b59r	0.63 0.38 b55r	0.63 0.25 b47r	0.63 0.13 b23r	0.63 0.13 g69b	0.75 0.25 g34b	0.88 0.38 g23b	1.0 0.5 g17b
16	0.75 0.75 b55r	0.75 0.63 b52r	0.75 0.5 b47r	0.75 0.38 b39r	0.75 0.25 b23r	0.75 0.25 g96b	0.75 0.25 g69b	0.88 0.38 g46b	1.0 0.5 g34b
17	0.88 0.88 b51r	0.88 0.75 b47r	0.88 0.63 b42r	0.88 0.5 b35r	0.88 0.38 b23r	0.88 0.38 b06r	0.88 0.38 g87b	0.88 0.38 g69b	1.0 0.5 g52b
18	1.0 1.0 b47r	1.0 0.88 b43r	1.0 0.75 b39r	1.0 0.63 b32r	1.0 0.5 b23r	1.0 0.5 b10r	1.0 0.5 g96b	1.0 0.5 g83b	1.0 0.5 g69b
19	0.88 0.88 r08j	0.88 0.88 r22j	0.88 0.88 r36j	0.88 0.88 r50j	0.88 0.88 r64j	0.88 0.88 r78j	0.88 0.88 r92j	0.88 0.88 j06g	1.0 1.0 j18g
20	0.88 0.88 r00j	0.88 0.75 r08j	0.88 0.75 r25j	0.88 0.75 r41j	0.88 0.75 r57j	0.88 0.75 r73j	0.88 0.75 r89j	0.88 0.75 j06g	1.0 0.88 j20g
21	0.88 0.88 b95r	0.88 0.75 b99r	0.88 0.63 r08j	0.88 0.63 r28j	0.88 0.63 r47j	0.88 0.63 r67j	0.88 0.63 r86j	0.88 0.63 j06g	1.0 0.75 j22g
22	0.88 0.88 b90r	0.88 0.75 b93r	0.88 0.63 b98r	0.88 0.5 r08j	0.88 0.5 r33j	0.88 0.5 r57j	0.88 0.5 r81j	0.88 0.5 j06g	1.0 0.63 j25g
23	0.88 0.88 b85r	0.88 0.75 b88r	0.88 0.63 b91r	0.88 0.5 b96r	0.88 0.38 r08j	0.88 0.38 r41j	0.88 0.38 r73j	0.88 0.38 j06g	1.0 0.5 j29g
24	0.88 0.88 b80r	0.88 0.75 b82r	0.88 0.63 b84r	0.88 0.5 b88r	0.88 0.38 b93r	0.88 0.25 r08j	0.88 0.25 r57j	0.88 0.25 j06g	1.0 0.38 j37g
25	0.88 0.88 b76r	0.88 0.75 b76r	0.88 0.63 b78r	0.88 0.5 b79r	0.88 0.38 b82r	0.88 0.25 b88r	0.88 0.13 r08j	0.88 0.13 j06g	1.0 0.25 j53g
26	0.88 0.88 b71r	0.88 0.75 b71r	0.88 0.63 b71r	0.88 0.5 b71r	0.88 0.38 b71r	0.88 0.25 b71r	0.88 0.13 b71r	0.88 0.0 r00j	1.0 0.13 g00b
27	1.0 1.0 b65r	1.0 0.88 b64r	1.0 0.75 b63r	1.0 0.63 b61r	1.0 0.5 b59r	1.0 0.38 b55r	1.0 0.25 b47r	1.0 0.13 b23r	1.0 0.13 g69b

	S	T	U	V	W	X	Y	Z	a
01	0.25 0.25 r08j	0.25 0.25 r57j	0.25 0.25 j06g	0.38 0.38 j37g	0.5 0.5 j53g	0.63 0.63 j62g	0.75 0.75 j68g	0.88 0.88 j73g	1.0 1.0 j76g
02	0.25 0.25 b88r	0.25 0.13 r08j	0.25 0.13 j06g	0.38 0.25 j53g	0.5 0.38 j68g	0.63 0.5 j76g	0.75 0.63 j81g	0.88 0.75 j84g	1.0 0.88 j86g
03	0.25 0.25 b71r	0.25 0.13 b71r	0.25 0.0 r00j	0.38 0.13 g00b	0.5 0.25 g00b	0.63 0.38 g00b	0.75 0.5 g00b	0.88 0.63 g00b	1.0 0.75 g00b
04	0.38 0.38 b55r	0.38 0.25 b47r	0.38 0.13 b23r	0.38 0.13 g69b	0.5 0.25 g34b	0.63 0.38 g23b	0.75 0.5 g17b	0.88 0.63 g14b	1.0 0.75 g12b
05	0.5 0.5 b47r	0.5 0.38 b39r	0.5 0.25 b23r	0.5 0.25 g96b	0.5 0.25 g69b	0.63 0.38 g46b	0.75 0.5 g34b	0.88 0.63 g27b	1.0 0.75 g23b
06	0.63 0.63 b42r	0.63 0.5 b35r	0.63 0.38 b23r	0.63 0.38 b06r	0.63 0.38 g87b	0.63 0.38 g69b	0.75 0.5 g52b	0.88 0.63 g41b	1.0 0.75 g34b
07	0.75 0.75 b39r	0.75 0.63 b32r	0.75 0.5 b23r	0.75 0.5 b10r	0.75 0.5 g96b	0.75 0.5 g83b	0.75 0.5 g69b	0.88 0.63 g55b	1.0 0.75 g46b
08	0.88 0.88 b37r	0.88 0.75 b31r	0.88 0.63 b23r	0.88 0.63 b13r	0.88 0.63 b02r	0.88 0.63 g91b	0.88 0.63 g80b	0.88 0.63 g69b	1.0 0.75 g58b
09	1.0 1.0 b35r	1.0 0.88 b30r	1.0 0.75 b23r	1.0 0.75 b14r	1.0 0.75 b06r	1.0 0.75 g96b	1.0 0.75 g87b	1.0 0.75 g78b	1.0 0.75 g69b
10	0.63 0.63 r08j	0.63 0.63 r28j	0.63 0.63 r47j	0.63 0.63 r67j	0.63 0.63 r86j	0.63 0.63 j06g	0.75 0.75 j22g	0.88 0.88 j33g	1.0 1.0 j41g
11	0.63 0.63 b98r	0.63 0.5 r08j	0.63 0.5 r33j	0.63 0.5 r57j	0.63 0.5 r81j	0.63 0.5 j06g	0.75 0.63 j25g	0.88 0.75 j37g	1.0 0.88 j46g
12	0.63 0.63 b91r	0.63 0.5 b96r	0.63 0.38 r08j	0.63 0.38 r41j	0.63 0.38 r73j	0.63 0.38 j06g	0.75 0.5 j29g	0.88 0.63 j43g	1.0 0.75 j53g
13	0.63 0.63 b84r	0.63 0.5 b88r	0.63 0.38 b93r	0.63 0.25 r08j	0.63 0.25 r57j	0.63 0.25 j06g	0.75 0.38 j37g	0.88 0.5 j53g	1.0 0.63 j62g
14	0.63 0.63 b78r	0.63 0.5 b79r	0.63 0.38 b82r	0.63 0.25 b88r	0.63 0.13 r08j	0.63 0.13 j06g	0.75 0.25 j53g	0.88 0.38 j68g	1.0 0.5 j76g
15	0.63 0.63 b71r	0.63 0.5 b71r	0.63 0.38 b71r	0.63 0.25 b71r	0.63 0.13 b71r	0.63 0.0 r00j	0.75 0.13 g00b	0.88 0.25 g00b	1.0 0.38 g00b
16	0.75 0.75 b63r	0.75 0.63 b61r	0.75 0.5 b59r	0.75 0.38 b55r	0.75 0.25 b47r	0.75 0.13 b23r	0.75 0.13 g69b	0.88 0.25 g34b	1.0 0.38 g23b
17	0.88 0.88 b57r	0.88 0.75 b55r	0.88 0.63 b52r	0.88 0.5 b47r	0.88 0.38 b39r	0.88 0.25 b23r	0.88 0.25 g96b	0.88 0.25 g69b	1.0 0.38 g46b
18	1.0 1.0 b53r	1.0 0.88 b51r	1.0 0.75 b47r	1.0 0.63 b42r	1.0 0.5 b35r	1.0 0.38 b23r	1.0 0.38 b06r	1.0 0.38 g87b	1.0 0.38 g69b
19	1.0 1.0 r08j	1.0 1.0 r21j	1.0 1.0 r33j	1.0 1.0 r45j	1.0 1.0 r57j	1.0 1.0 r69j	1.0 1.0 r81j	1.0 1.0 r93j	1.0 1.0 j06g
20	1.0 1.0 r01j	1.0 0.88 r08j	1.0 0.88 r22j	1.0 0.88 r36j	1.0 0.88 r50j	1.0 0.88 r64j	1.0 0.88 r78j	1.0 0.88 r92j	1.0 0.88 j06g
21	1.0 1.0 b96r	1.0 0.88 r00j	1.0 0.75 r08j	1.0 0.75 r25j	1.0 0.75 r41j	1.0 0.75 r57j	1.0 0.75 r73j	1.0 0.75 r89j	1.0 0.75 j06g
22	1.0 1.0 b92r	1.0 0.88 b95r	1.0 0.75 b99r	1.0 0.63 r08j	1.0 0.63 r28j	1.0 0.63 r47j	1.0 0.63 r67j	1.0 0.63 r86j	1.0 0.63 j06g
23	1.0 1.0 b88r	1.0 0.88 b90r	1.0 0.75 b93r	1.0 0.63 b98r	1.0 0.5 r08j	1.0 0.5 r33j	1.0 0.5 r57j	1.0 0.5 r81j	1.0 0.5 j06g
24	1.0 1.0 b83r	1.0 0.88 b85r	1.0 0.75 b88r	1.0 0.63 b91r	1.0 0.5 b96r	1.0 0.38 r08j	1.0 0.38 r41j	1.0 0.38 r73j	1.0 0.38 j06g
25	1.0 1.0 b79r	1.0 0.88 b80r	1.0 0.75 b82r	1.0 0.63 b84r	1.0 0.5 b88r	1.0 0.38 b93r	1.0 0.25 r08j	1.0 0.25 r57j	1.0 0.25 j06g
26	1.0 1.0 b75r	1.0 0.88 b76r	1.0 0.75 b76r	1.0 0.63 b78r	1.0 0.5 b79r	1.0 0.38 b82r	1.0 0.25 b88r	1.0 0.13 r08j	1.0 0.13 j06g
27	1.0 1.0 b71r	1.0 0.88 b71r	1.0 0.75 b71r	1.0 0.63 b71r	1.0 0.5 b71r	1.0 0.38 b71r	1.0 0.25 b71r	1.0 0.13 b71r	1.0 0.0 r00j

	b	c	d	e	f	g	h	i	j
01	1.0 0.0 r00j	1.0 0.13 r08j	1.0 0.25 r08j	1.0 0.38 r08j	1.0 0.5 r08j	1.0 0.63 r08j	1.0 0.75 r08j	1.0 0.88 r08j	1.0 1.0 r08j
02	1.0 0.13 g69b	0.88 0.0 r00j	0.88 0.13 r08j	0.88 0.25 r08j	0.88 0.38 r08j	0.88 0.5 r08j	0.88 0.63 r08j	0.88 0.75 r08j	0.88 0.88 r08j
03	1.0 0.25 g69b	0.88 0.13 g69b	0.75 0.0 r00j	0.75 0.13 r08j	0.75 0.25 r08j	0.75 0.38 r08j	0.75 0.5 r08j	0.75 0.63 r08j	0.75 0.75 r08j
04	1.0 0.38 g69b	0.88 0.25 g69b	0.75 0.13 g69b	0.63 0.0 r00j	0.63 0.13 r08j	0.63 0.25 r08j	0.63 0.38 r08j	0.63 0.5 r08j	0.63 0.63 r08j
05	1.0 0.5 g69b	0.88 0.38 g69b	0.75 0.25 g69b	0.63 0.13 g69b	0.5 0.0 r00j	0.5 0.13 r08j	0.5 0.25 r08j	0.5 0.38 r08j	0.5 0.5 r08j
06	1.0 0.63 g69b	0.88 0.5 g69b	0.75 0.38 g69b	0.63 0.25 g69b	0.5 0.13 g69b	0.38 0.0 r00j	0.38 0.13 r08j	0.38 0.25 r08j	0.38 0.38 r08j
07	1.0 0.75 g69b	0.88 0.63 g69b	0.75 0.5 g69b	0.63 0.38 g69b	0.5 0.25 g69b	0.38 0.13 g69b	0.25 0.0 r00j	0.25 0.13 r08j	0.25 0.25 r08j
08	1.0 0.88 g69b	0.88 0.75 g69b	0.75 0.63 g69b	0.63 0.5 g69b	0.5 0.38 g69b	0.38 0.25 g69b	0.25 0.13 g69b	0.13 0.0 r00j	0.13 0.13 r08j
09	1.0 1.0 g69b	0.88 0.88 g69b	0.75 0.75 g69b	0.63 0.63 g69b	0.5 0.5 g69b	0.38 0.38 g69b	0.25 0.25 g69b	0.13 0.13 g69b	0.0 0.0 r00j
10	1.0 0.0 r00j	1.0 0.13 j06g	1.0 0.25 j06g	1.0 0.38 j06g	1.0 0.5 j06g	1.0 0.63 j06g	1.0 0.75 j06g	1.0 0.88 j06g	1.0 1.0 j06g
11	1.0 0.13 b23r	0.88 0.0 r00j	0.88 0.13 j06g	0.88 0.25 j06g	0.88 0.38 j06g	0.88 0.5 j06g	0.88 0.63 j06g	0.88 0.75 j06g	0.88 0.88 j06g
12	1.0 0.25 b23r	0.88 0.13 b23r	0.75 0.0 r00j	0.75 0.13 j06g	0.75 0.25 j06g	0.75 0.38 j06g	0.75 0.5 j06g	0.75 0.63 j06g	0.75 0.75 j06g
13	1.0 0.38 b23r	0.88 0.25 b23r	0.75 0.13 b23r	0.63 0.0 r00j	0.63 0.13 j06g	0.63 0.25 j06g	0.63 0.38 j06g	0.63 0.5 j06g	0.63 0.63 j06g
14	1.0 0.5 b23r	0.88 0.38 b23r	0.75 0.25 b23r	0.63 0.13 b23r	0.5 0.0 r00j	0.5 0.13 j06g	0.5 0.25 j06g	0.5 0.38 j06g	0.5 0.5 j06g
15	1.0 0.63 b23r	0.88 0.5 b23r	0.75 0.38 b23r	0.63 0.25 b23r	0.5 0.13 b23r	0.38 0.0 r00j	0.38 0.13 j06g	0.38 0.25 j06g	0.38 0.38 j06g
16	1.0 0.75 b23r	0.88 0.63 b23r	0.75 0.5 b23r	0.63 0.38 b23r	0.5 0.25 b23r	0.38 0.13 b23r	0.25 0.0 r00j	0.25 0.13 j06g	0.25 0.25 j06g
17	1.0 0.88 b23r	0.88 0.75 b23r	0.75 0.63 b23r	0.63 0.5 b23r	0.5 0.38 b23r	0.38 0.25 b23r	0.25 0.13 b23r	0.13 0.0 r00j	0.13 0.13 j06g
18	1.0 1.0 b23r	0.88 0.88 b23r	0.75 0.75 b23r	0.63 0.63 b23r	0.5 0.5 b23r	0.38 0.38 b23r	0.25 0.25 b23r	0.13 0.13 b23r	0.0 0.0 r00j
19	1.0 0.0 r00j	1.0 0.13 g00b	1.0 0.25 g00b	1.0 0.38 g00b	1.0 0.5 g00b	1.0 0.63 g00b	1.0 0.75 g00b	1.0 0.88 g00b	1.0 1.0 g00b
20	1.0 0.13 b71r	0.88 0.0 r00j	0.88 0.13 g00b	0.88 0.25 g00b	0.88 0.38 g00b	0.88 0.5 g00b	0.88 0.63 g00b	0.88 0.75 g00b	0.88 0.88 g00b
21	1.0 0.25 b71r	0.88 0.13 b71r	0.75 0.0 r00j	0.75 0.13 g00b	0.75 0.25 g00b	0.75 0.38 g00b	0.75 0.5 g00b	0.75 0.63 g00b	0.75 0.75 g00b
22	1.0 0.38 b71r	0.88 0.25 b71r	0.75 0.13 b71r	0.63 0.0 r00j	0.63 0.13 g00b	0.63 0.25 g00b	0.63 0.38 g00b	0.63 0.5 g00b	0.63 0.63 g00b
23	1.0 0.5 b71r	0.88 0.38 b71r	0.75 0.25 b71r	0.63 0.13 b71r	0.5 0.0 r00j	0.5 0.13 g00b	0.5 0.25 g00b	0.5 0.38 g00b	0.5 0.5 g00b
24	1.0 0.63 b71r	0.88 0.5 b71r	0.75 0.38 b71r	0.63 0.25 b71r	0.5 0.13 b71r	0.38 0.0 r00j	0.38 0.13 g00b	0.38 0.25 g00b	0.38 0.38 g00b
25	1.0 0.75 b71r	0.88 0.63 b71r	0.75 0.5 b71r	0.63 0.38 b71r	0.5 0.25 b71r	0.38 0.13 b71r	0.25 0.0 r00j	0.25 0.13 g00b	0.25 0.25 g00b
26	1.0 0.88 b71r	0.88 0.75 b71r	0.75 0.63 b71r	0.63 0.5 b71r	0.5 0.38 b71r	0.38 0.25 b71r	0.25 0.13 b71r	0.13 0.0 r00j	0.13 0.13 g00b
27	1.0 1.0 b71r	0.88 0.88 b71r	0.75 0.75 b71r	0.63 0.63 b71r	0.5 0.5 b71r	0.38 0.38 b71r	0.25 0.25 b71r	0.13 0.13 b71r	0.0 0.0 r00j

	k	*lab*icu*e*		
01	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j
02	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j
03	0.25 0.0 r00j	0.25 0.0 r00j	0.25 0.0 r00j	0.25 0.0 r00j
04	0.38 0.0 r00j	0.38 0.0 r00j	0.38 0.0 r00j	0.38 0.0 r00j
05	0.5 0.0 r00j	0.5 0.0 r00j	0.5 0.0 r00j	0.5 0.0 r00j
06	0.63 0.0 r00j	0.63 0.0 r00j	0.63 0.0 r00j	0.63 0.0 r00j
07	0.75 0.0 r00j	0.75 0.0 r00j	0.75 0.0 r00j	0.75 0.0 r00j
08	0.88 0.0 r00j	0.88 0.0 r00j	0.88 0.0 r00j	0.88 0.0 r00j
09	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j
10	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j
11	0.07 0.0 r00j	0.07 0.0 r00j	0.07 0.0 r00j	0.07 0.0 r00j
12	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j
13	0.2 0.0 r00j	0.2 0.0 r00j	0.2 0.0 r00j	0.2 0.0 r00j
14	0.27 0.0 r00j	0.27 0.0 r00j	0.27 0.0 r00j	0.27 0.0 r00j
15	0.33 0.0 r00j	0.33 0.0 r00j	0.33 0.0 r00j	0.33 0.0 r00j
16	0.4 0.0 r00j	0.4 0.0 r00j	0.4 0.0 r00j	0.4 0.0 r00j
17	0.47 0.0 r00j	0.47 0.0 r00j	0.47 0.0 r00j	0.47 0.0 r00j
18	0.53 0.0 r00j	0.53 0.0 r00j	0.53 0.0 r00j	0.53 0.0 r00j
19	0.6 0.0 r00j	0.6 0.0 r00j	0.6 0.0 r00j	0.6 0.0 r00j
20	0.67 0.0 r00j	0.67 0.0 r00j	0.67 0.0 r00j	0.67 0.0 r00j
21	0.73 0.0 r00j	0.73 0.0 r00j	0.73 0.0 r00j	0.73 0.0 r00j
22	0.8 0.0 r00j	0.8 0.0 r00j	0.8 0.0 r00j	0.8 0.0 r00j
23	0.87 0.0 r00j	0.87 0.0 r00j	0.87 0.0 r00j	0.87 0.0 r00j
24	0.93 0.0 r00j	0.93 0.0 r00j	0.93 0.0 r00j	0.93 0.0 r00j
25	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j
26	0.0 0.0 r00j	1.0 1.0 r08j	1.0 1.0 j06g	1.0 1.0 g00b
27	1.0 0.0 r00j	1.0 1.0 g69b	1.0 1.0 b23r	1.0 1.0 b71r

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmyn6* setcmykcolor*

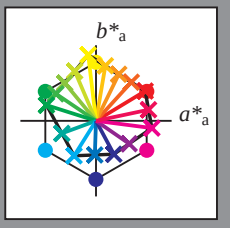
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System ORS19_96a
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

ORS19_96a; adapted (a) CIELAB data

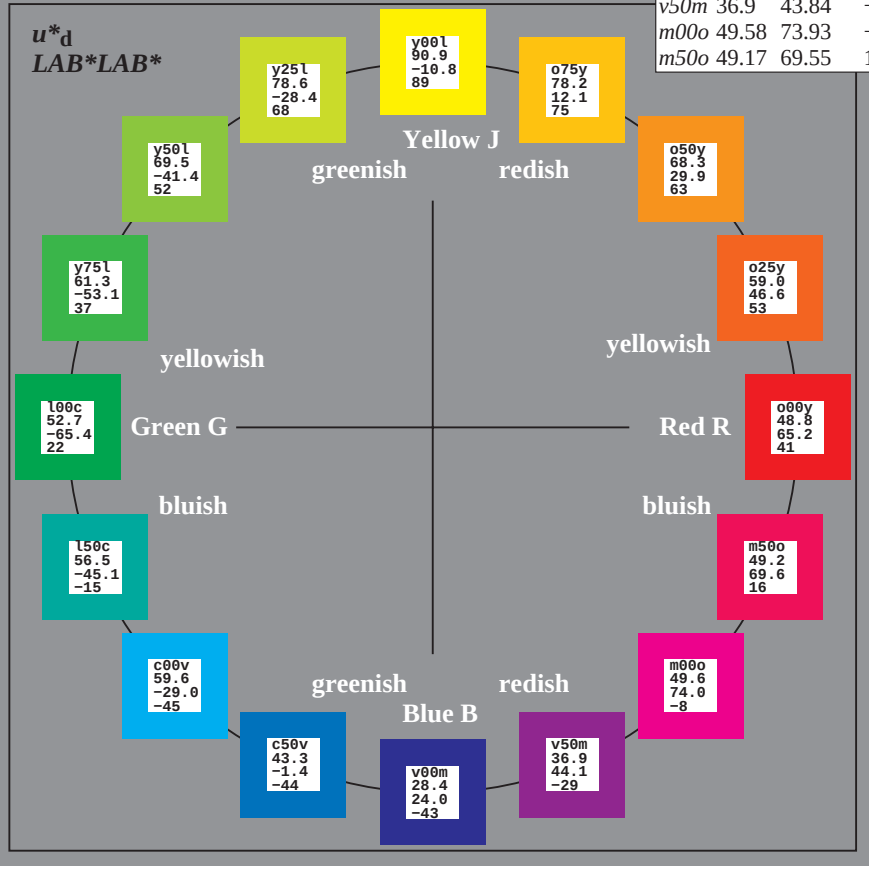
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

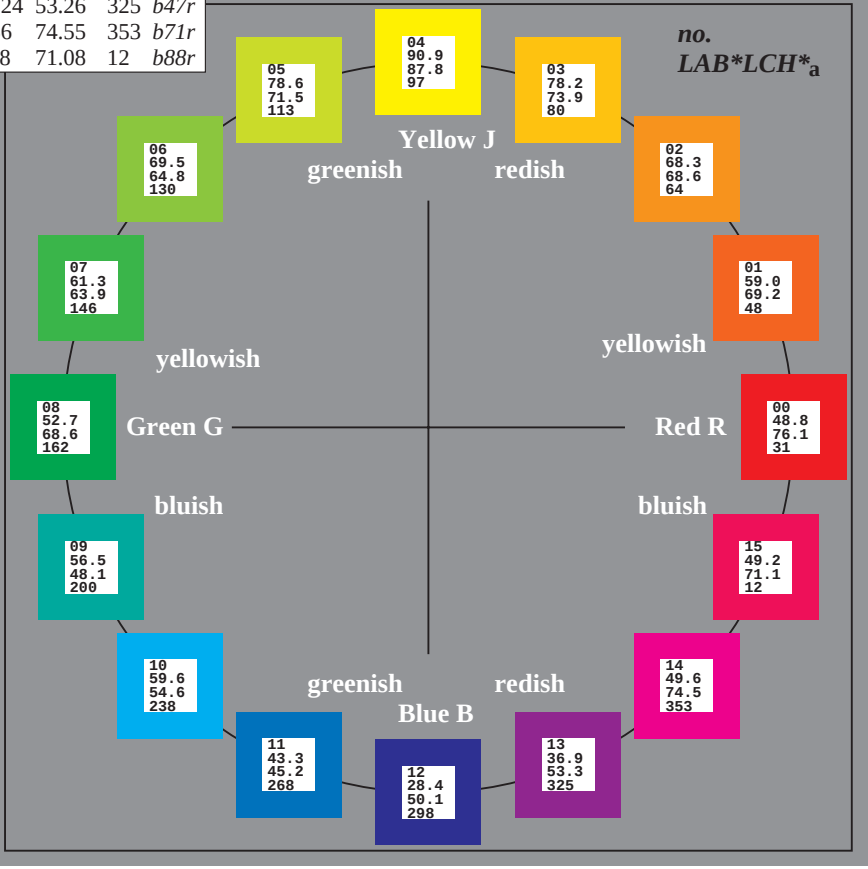


%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

ORS19_96; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272

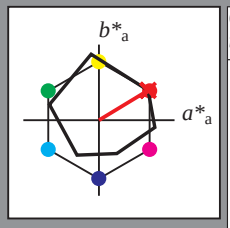




Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

$u^*_d = o00y$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r08j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96; CIELAB data

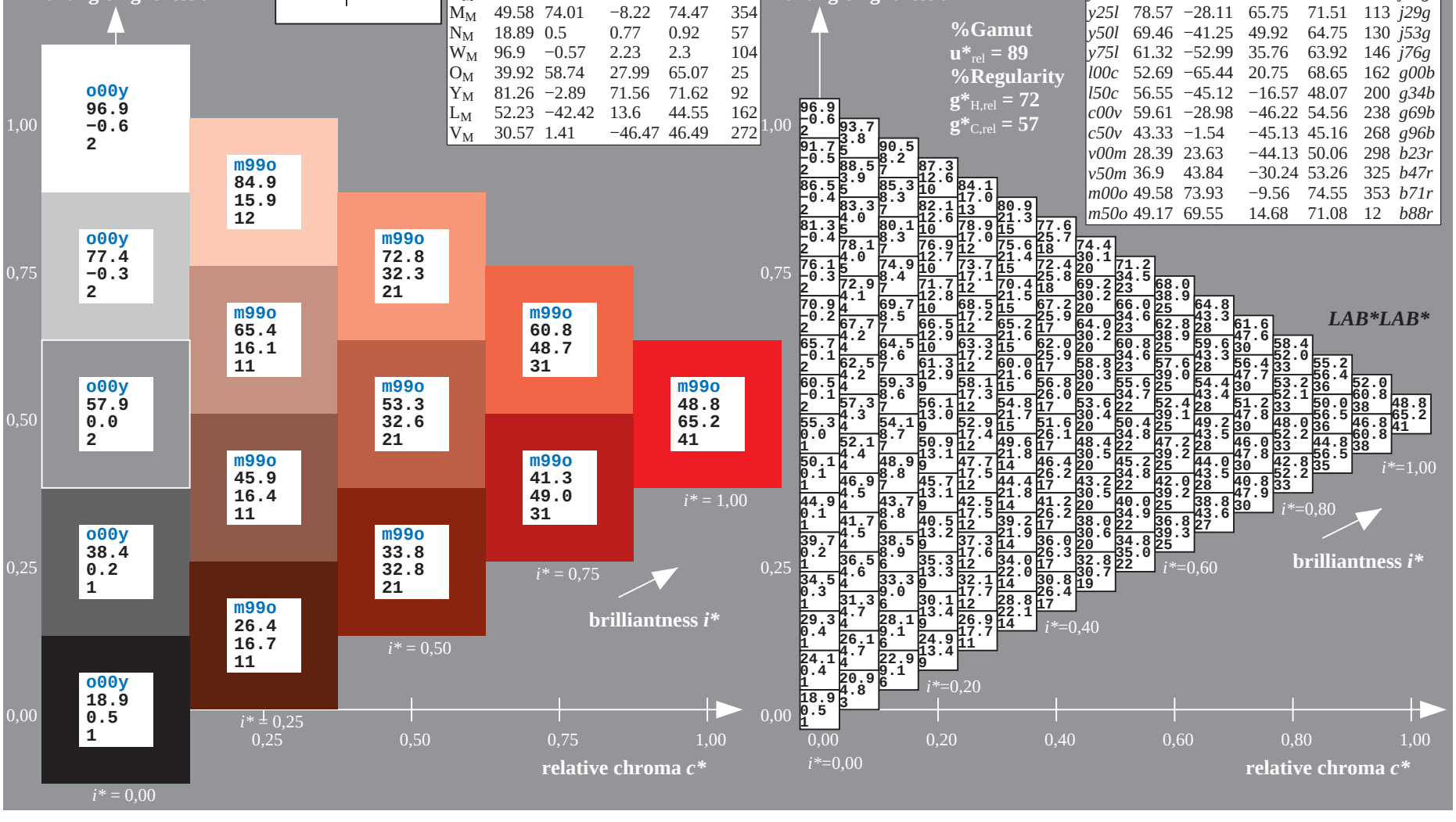
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 65 39
*LAB*LCH**$_{Ma}$: 49 76 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



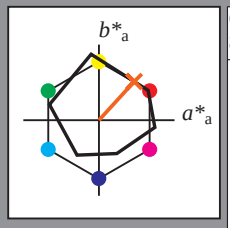
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

$u^*_d = o25y$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o25y$ $u^*_e = r33j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96; CIELAB data

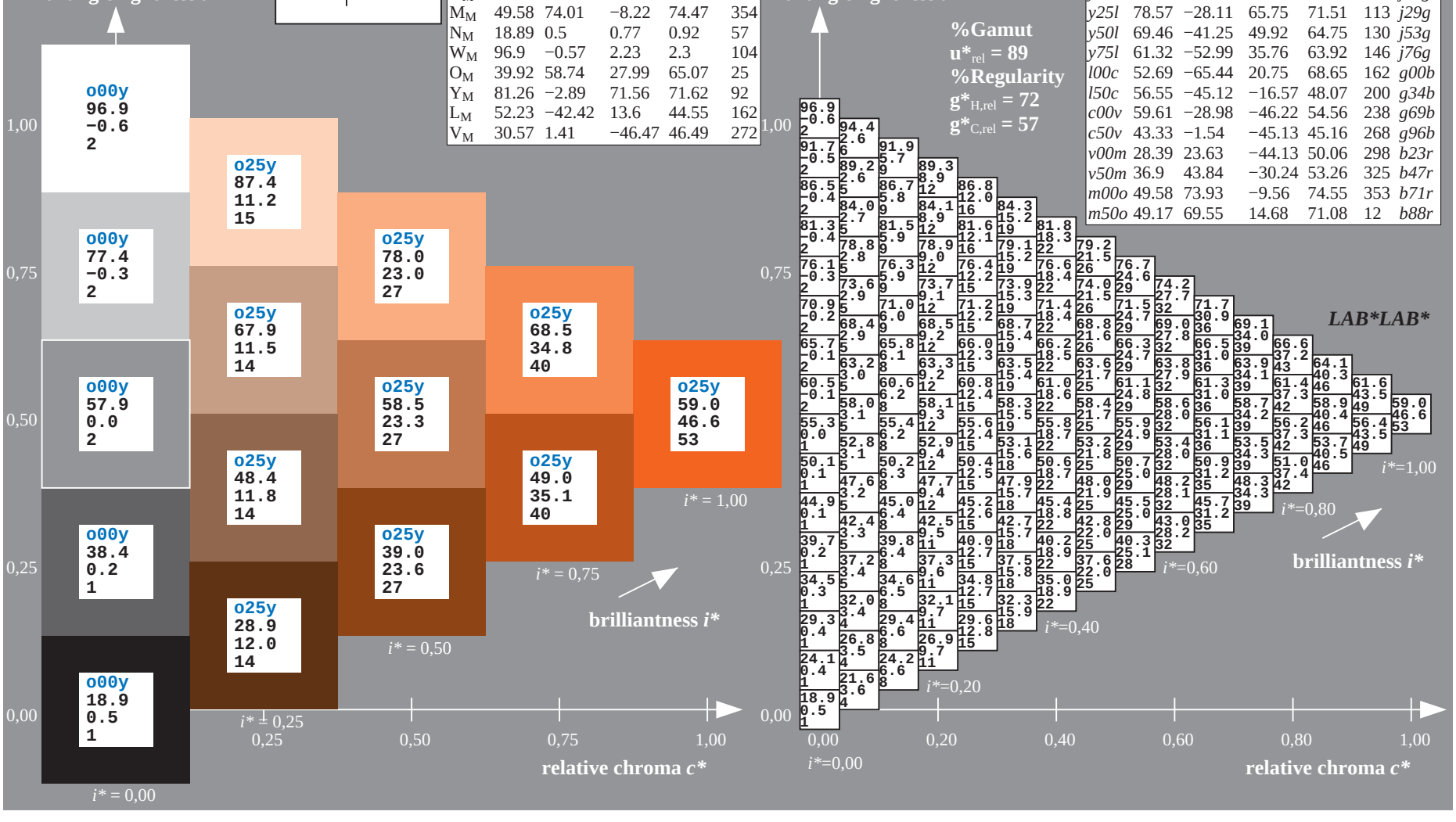
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 47 51
*LAB*LCH**$_{Ma}$: 59 69 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

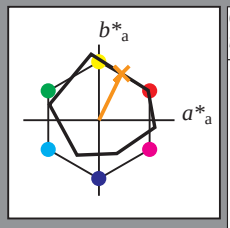


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

$u^*_d = o50y$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o50y$ $u^*_e = r57j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



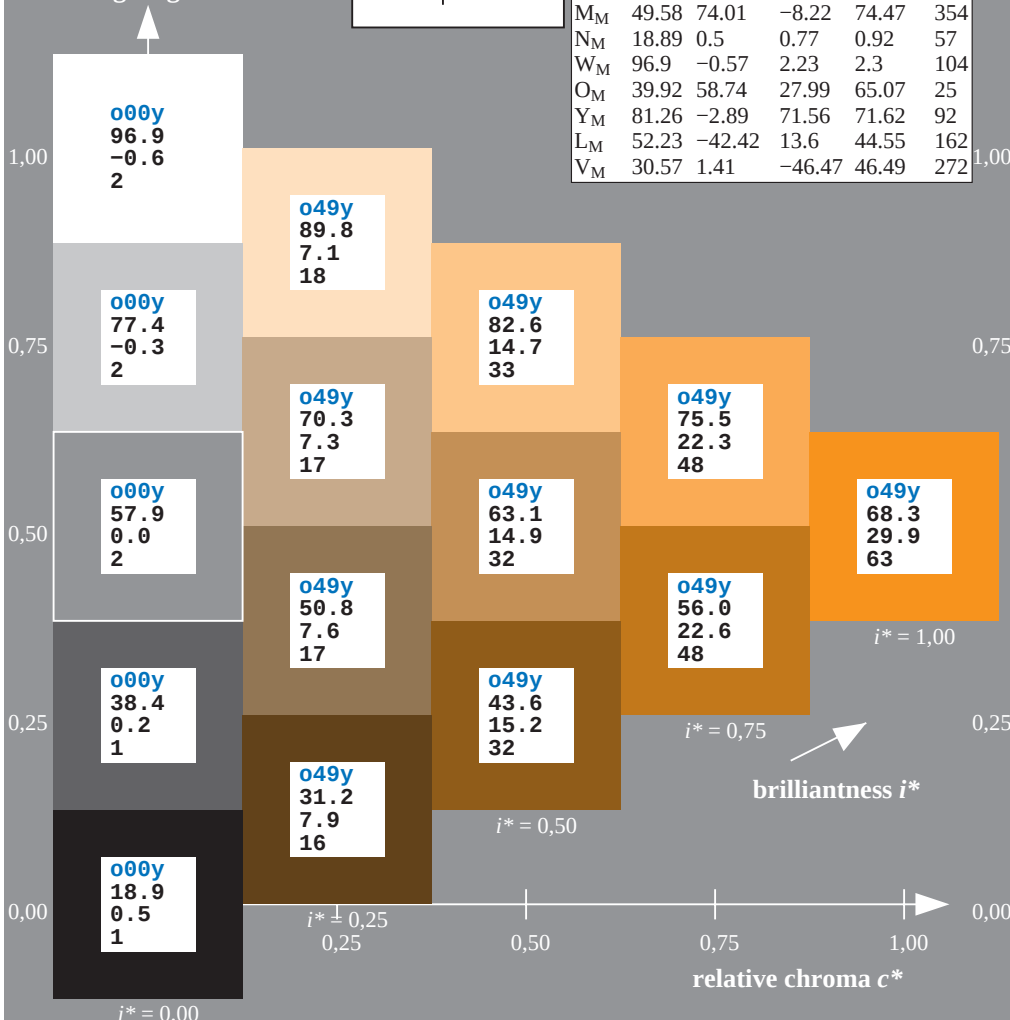
ORS19_96; CIELAB data

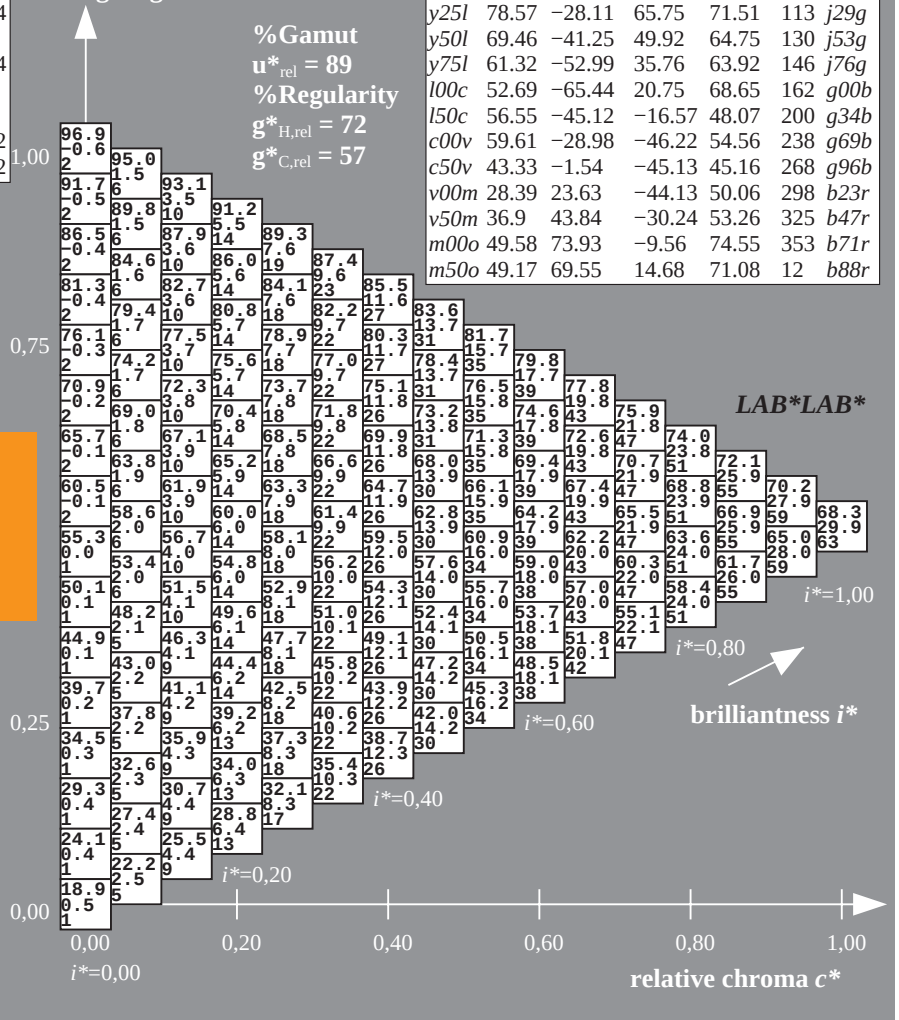
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 68 30 62
*LAB*LCH**$_{Ma}$: 68 69 63
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.58 0.0

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





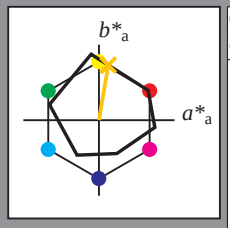
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

$u^*_d = o75y$
LAB^*LAB^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r81j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS19_96; CIELAB data

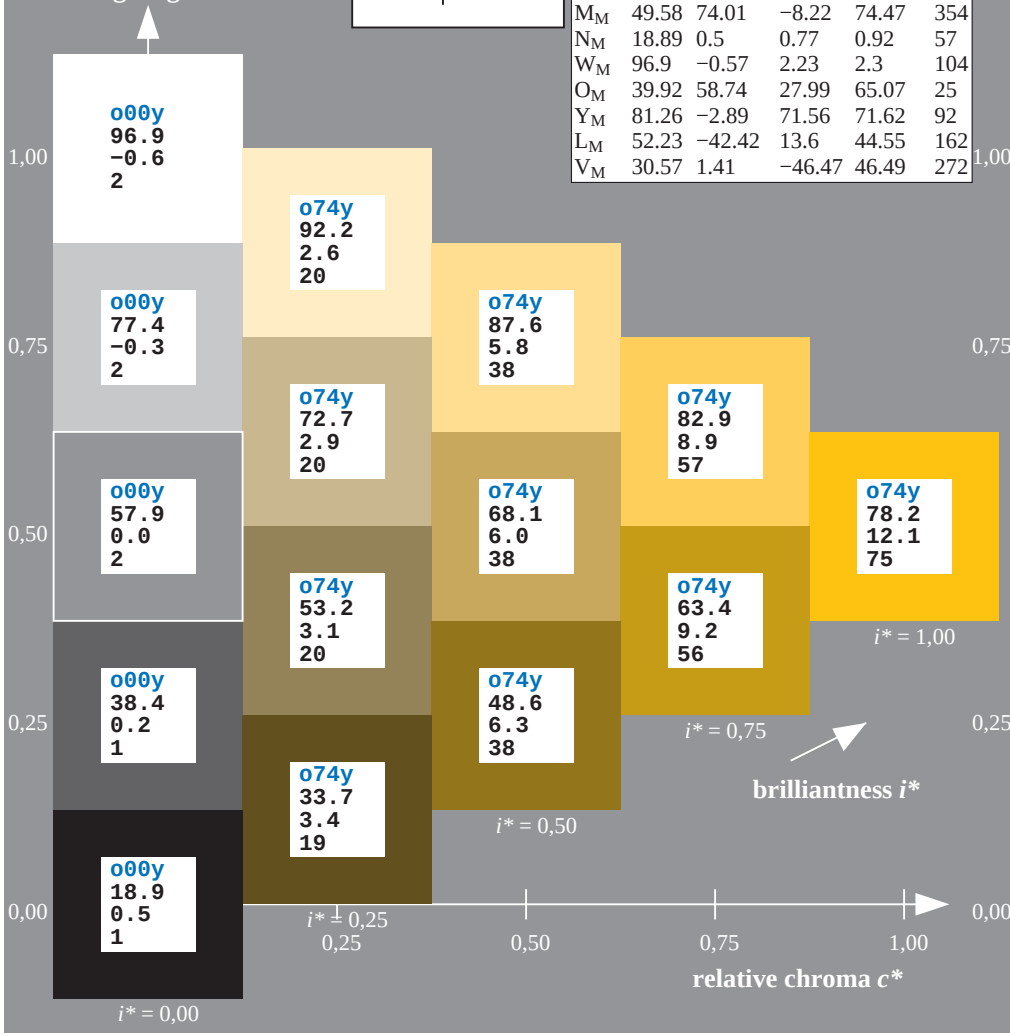
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

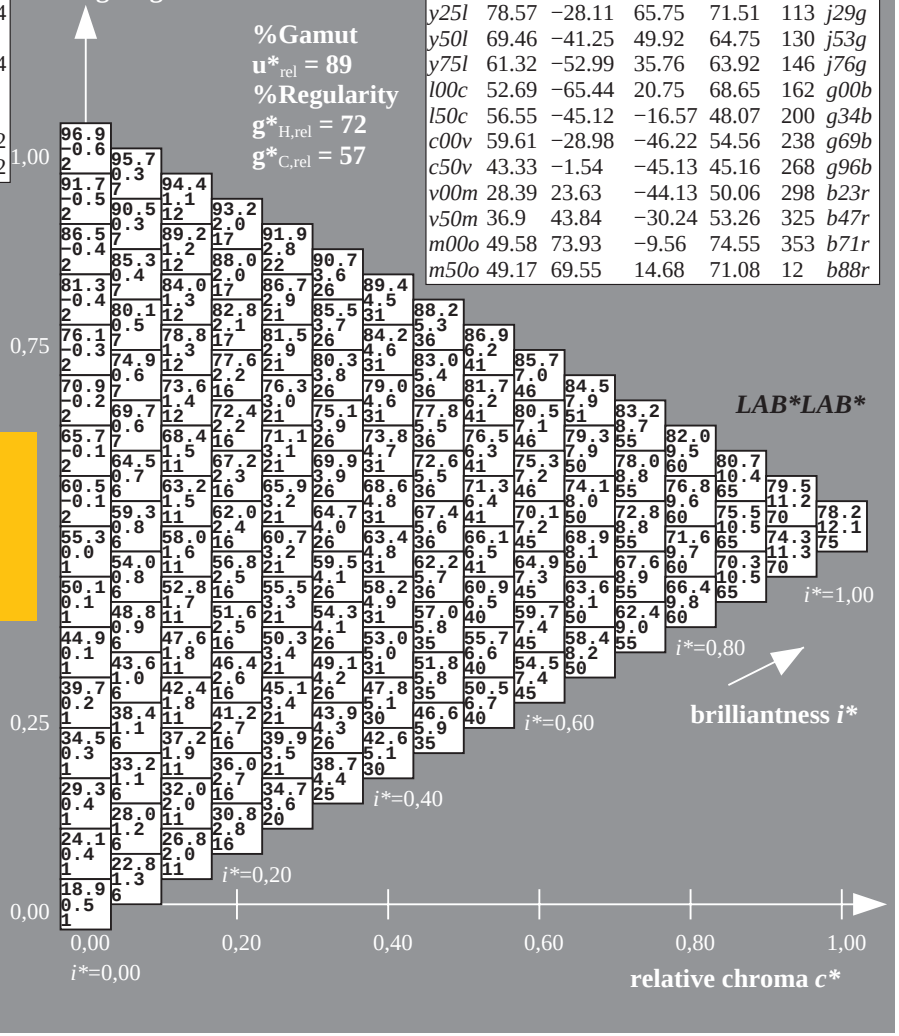
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 78 12 73
$LAB^*LCH^*_{Ma}$: 78 74 80
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.82 0.0
triangle lightness t^*

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





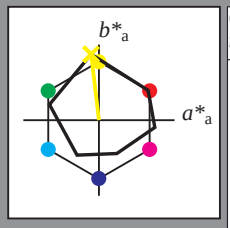
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$

$u^*_d = y00l$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96; CIELAB data

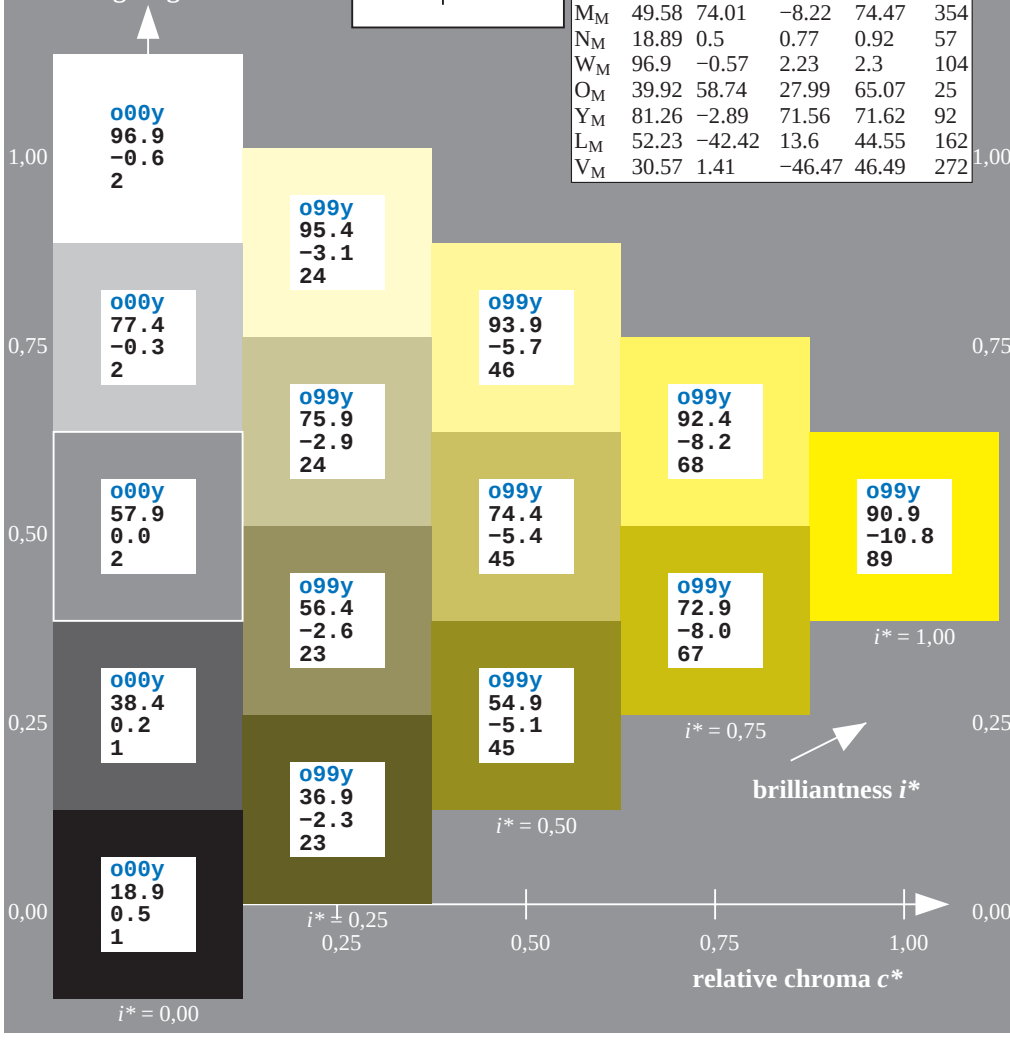
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

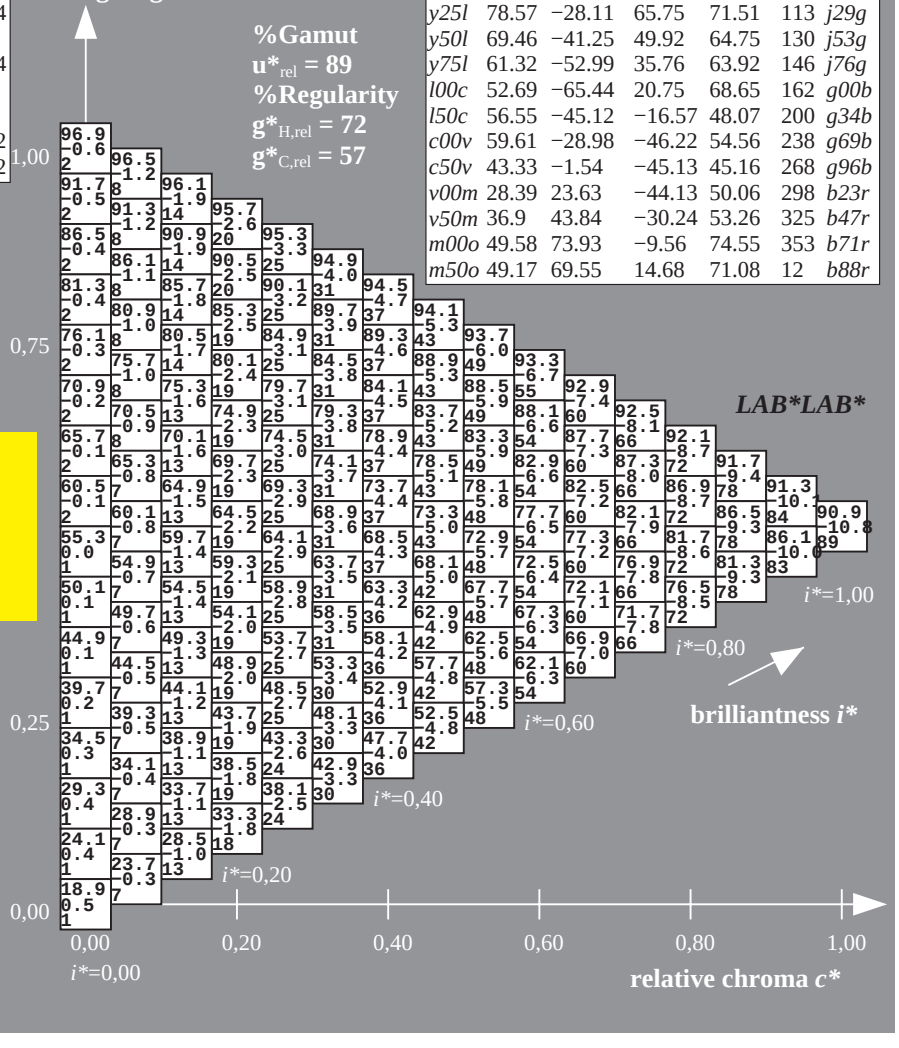
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 91 −10 87
*LAB*LCH**$_{Ma}$: 91 88 96
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.94 1.0 0.0
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



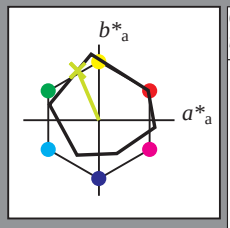


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j29g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

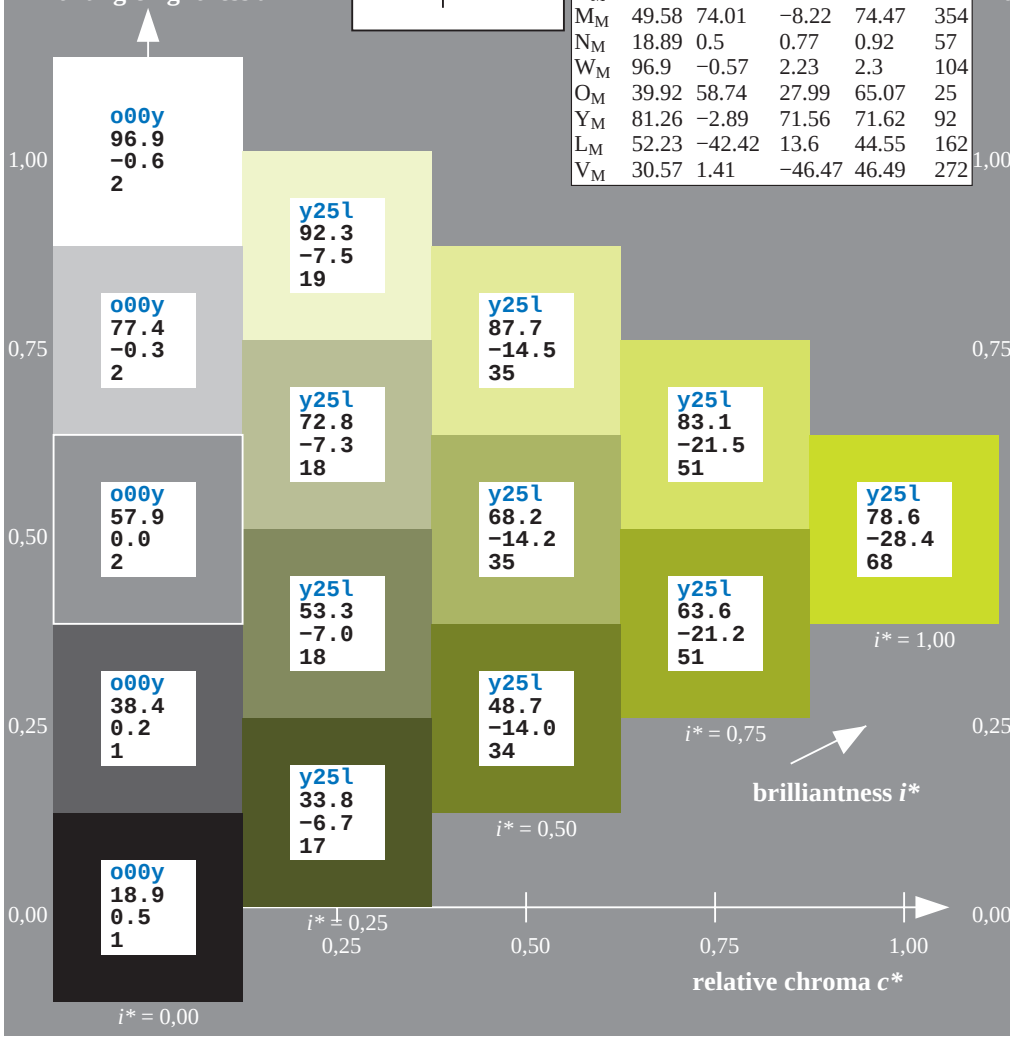
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 79 −28 66**
***LAB*LCH*Ma*: 79 72 113**
***lab*olv*Ma*: 0.75 1.0 0.0**
***lab*rgb*Ma*: 0.7 1.0 0.0**
triangle lightness *t**

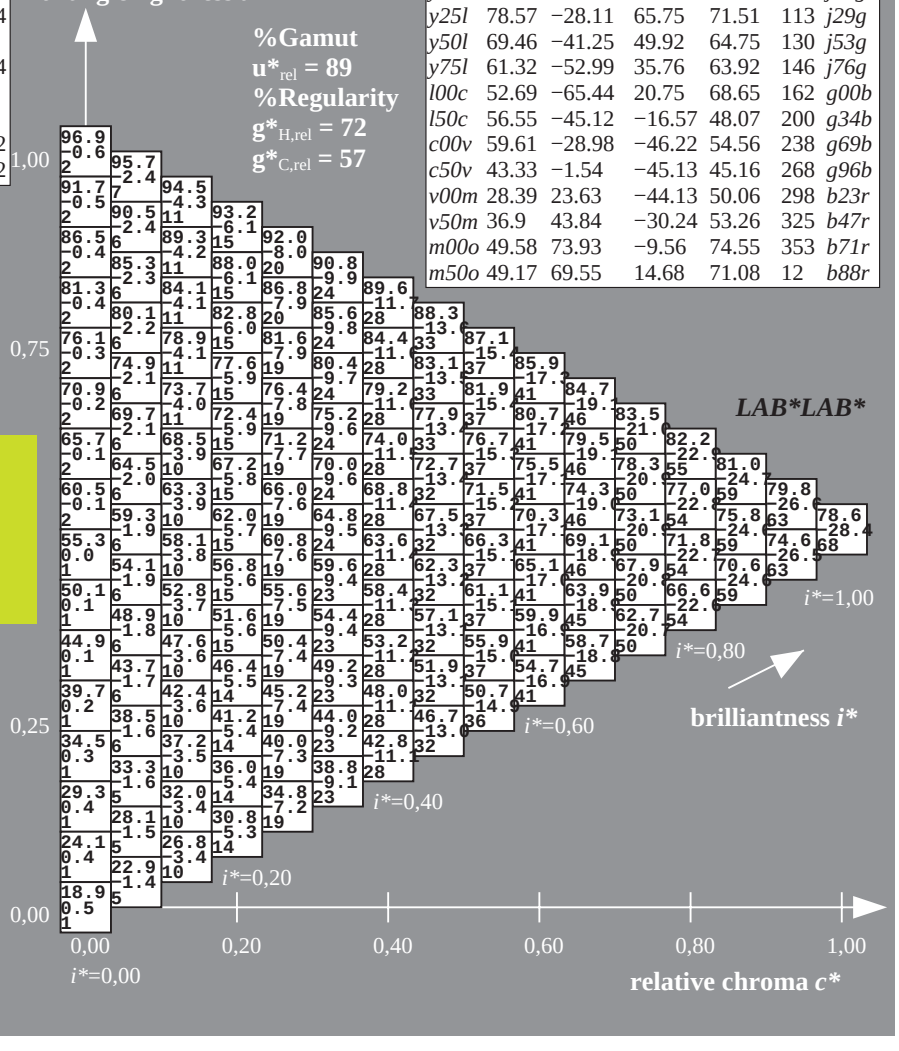
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y25l$
LAB*LAB*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





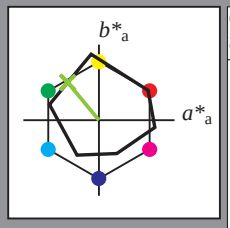
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$

$u^*_d = y50l$
LAB^*LAB^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



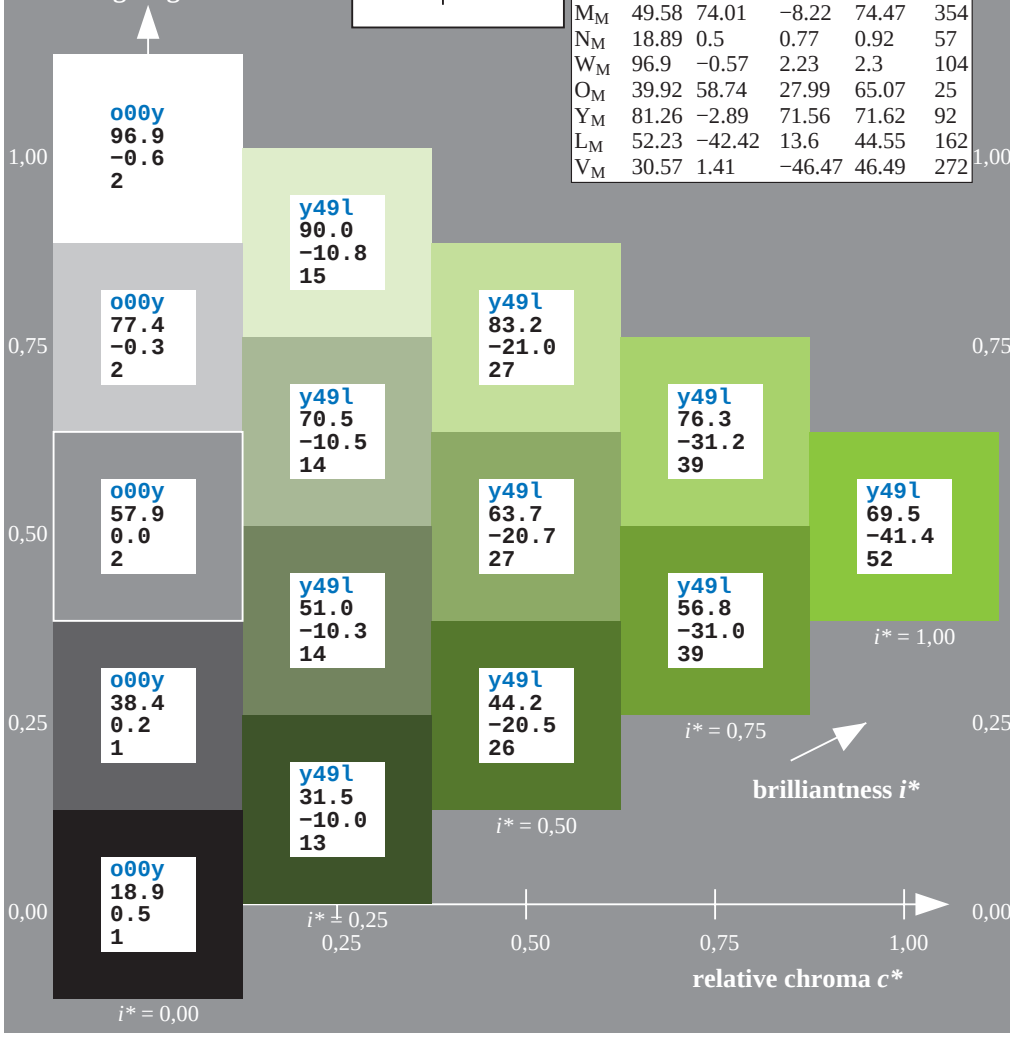
ORS19_96; CIELAB data

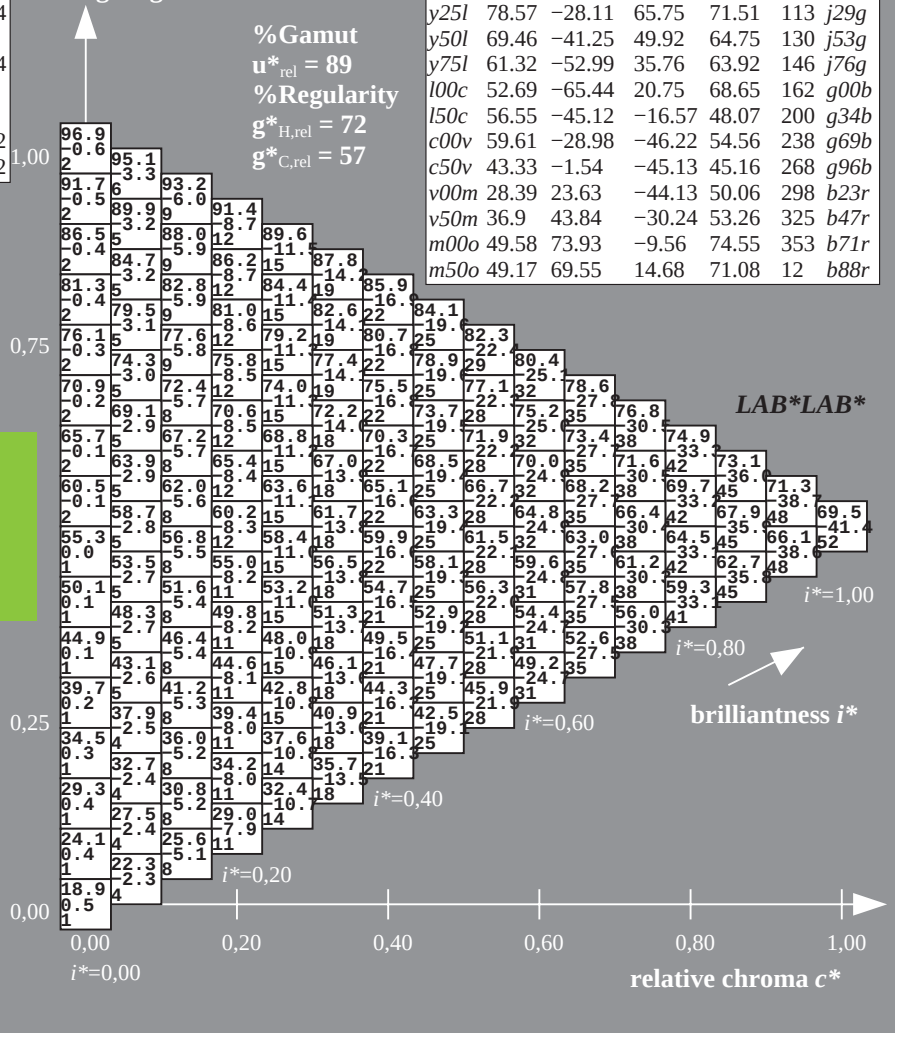
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 69 −41 50
$LAB^*LCH^*_{Ma}$: 69 65 129
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.47 1.0 0.0
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





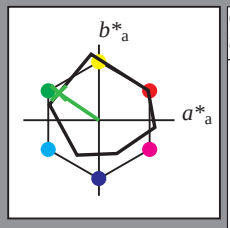
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$

$u^*_d = y75l$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96; CIELAB data

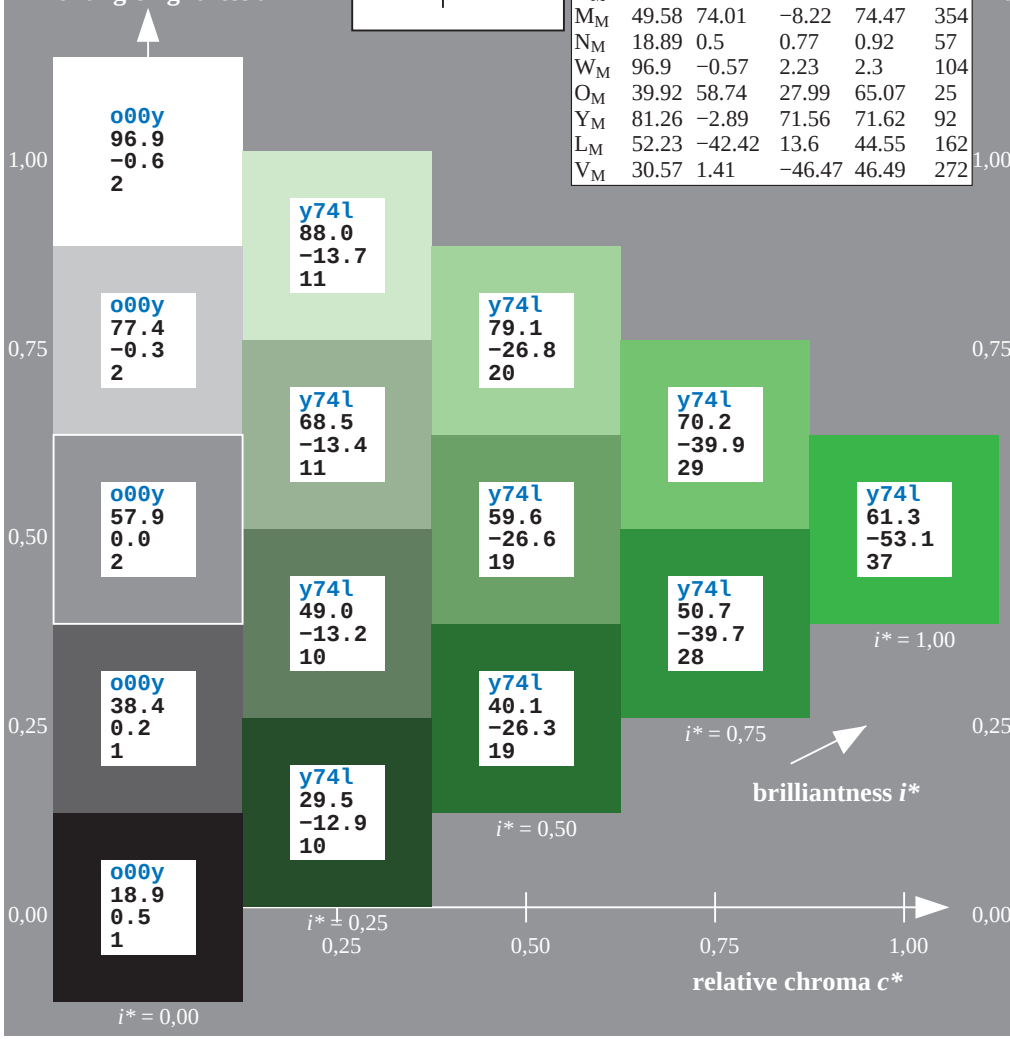
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

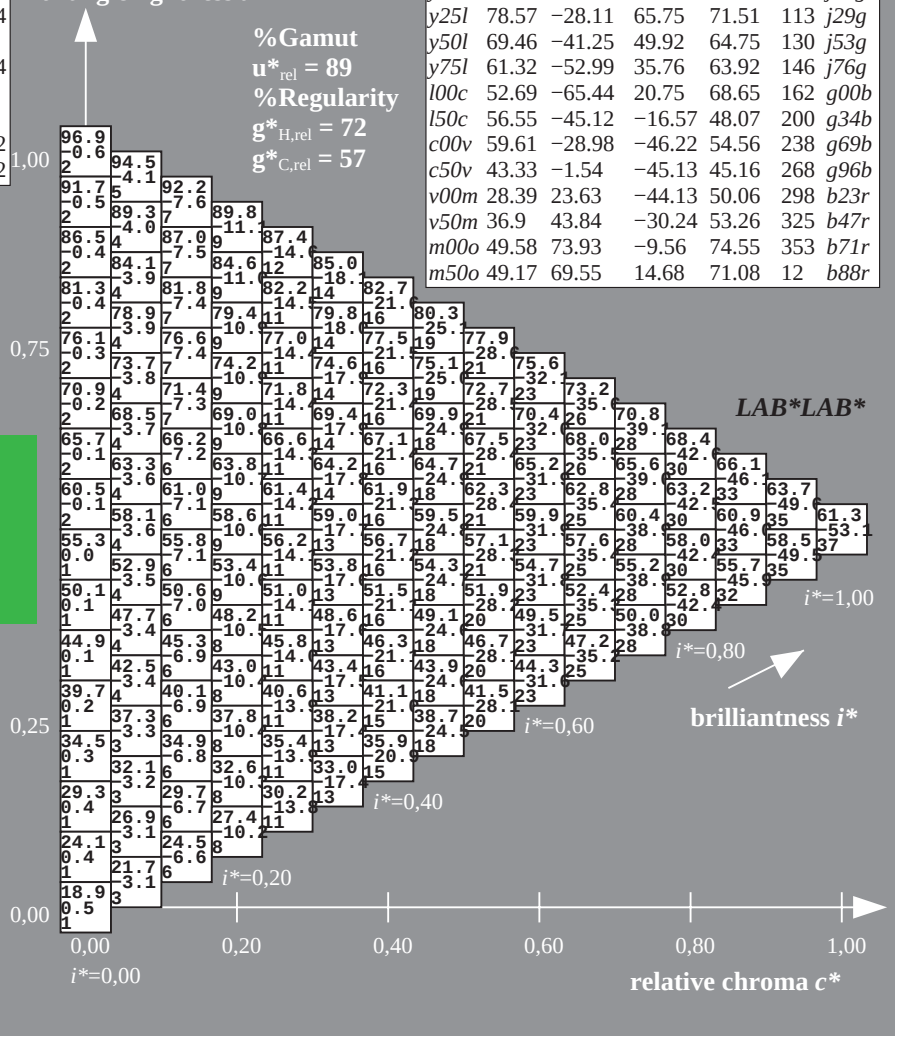
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 61 −53 36
*LAB*LCH**$_{Ma}$: 61 64 145
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.23 1.0 0.0
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





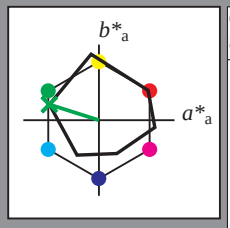
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

$u^*_d = l00c$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = g00b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



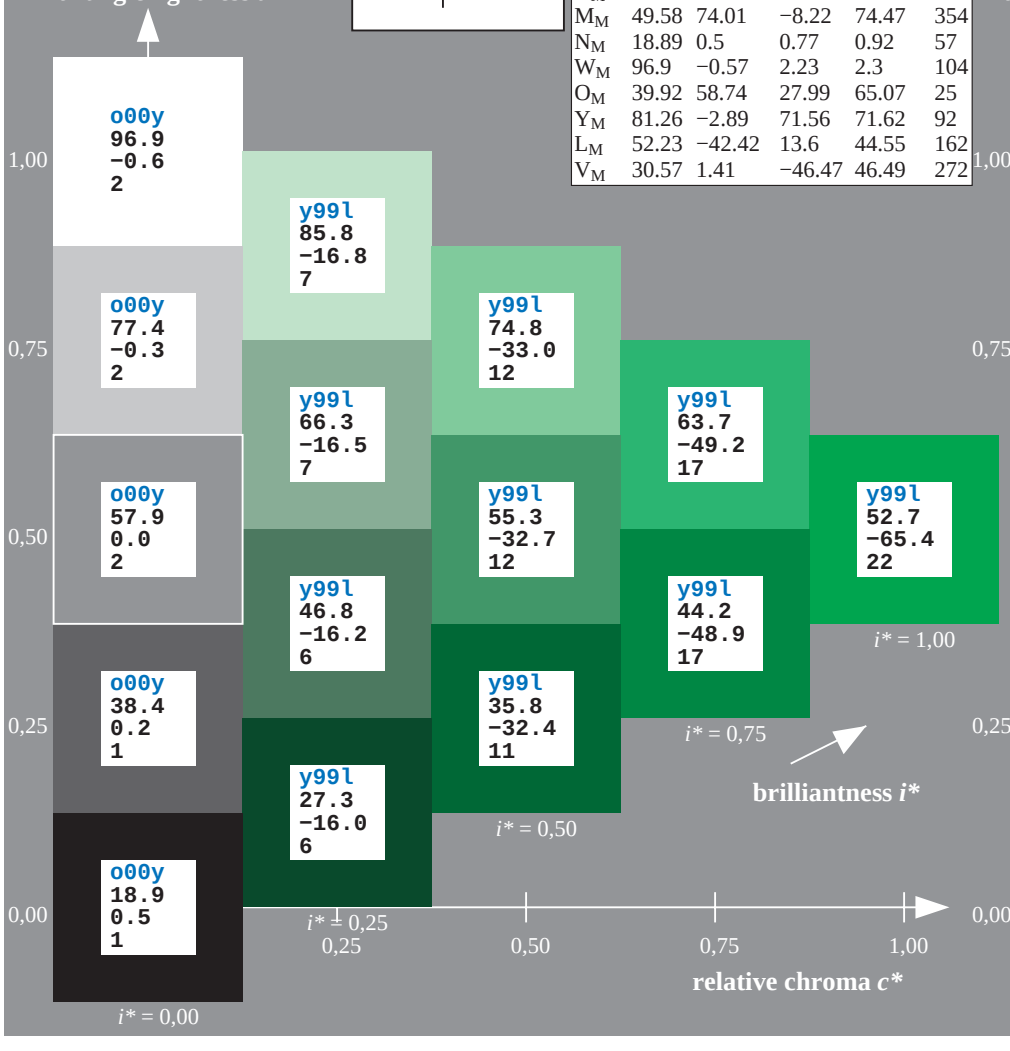
ORS19_96; CIELAB data

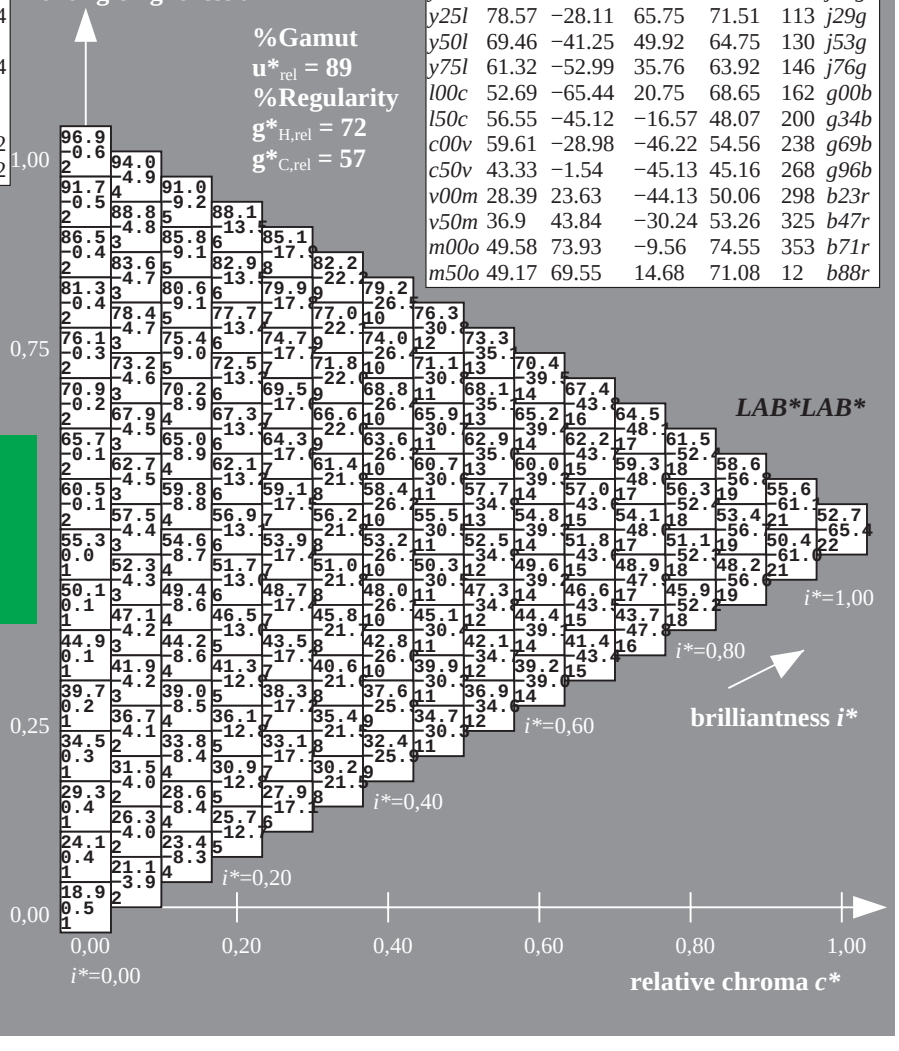
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 53 −65 21
*LAB*LCH**$_{Ma}$: 53 69 162
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.0 1.0 0.0
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





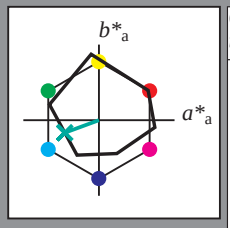
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$

$u^*_d = l50c$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g34b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96; CIELAB data

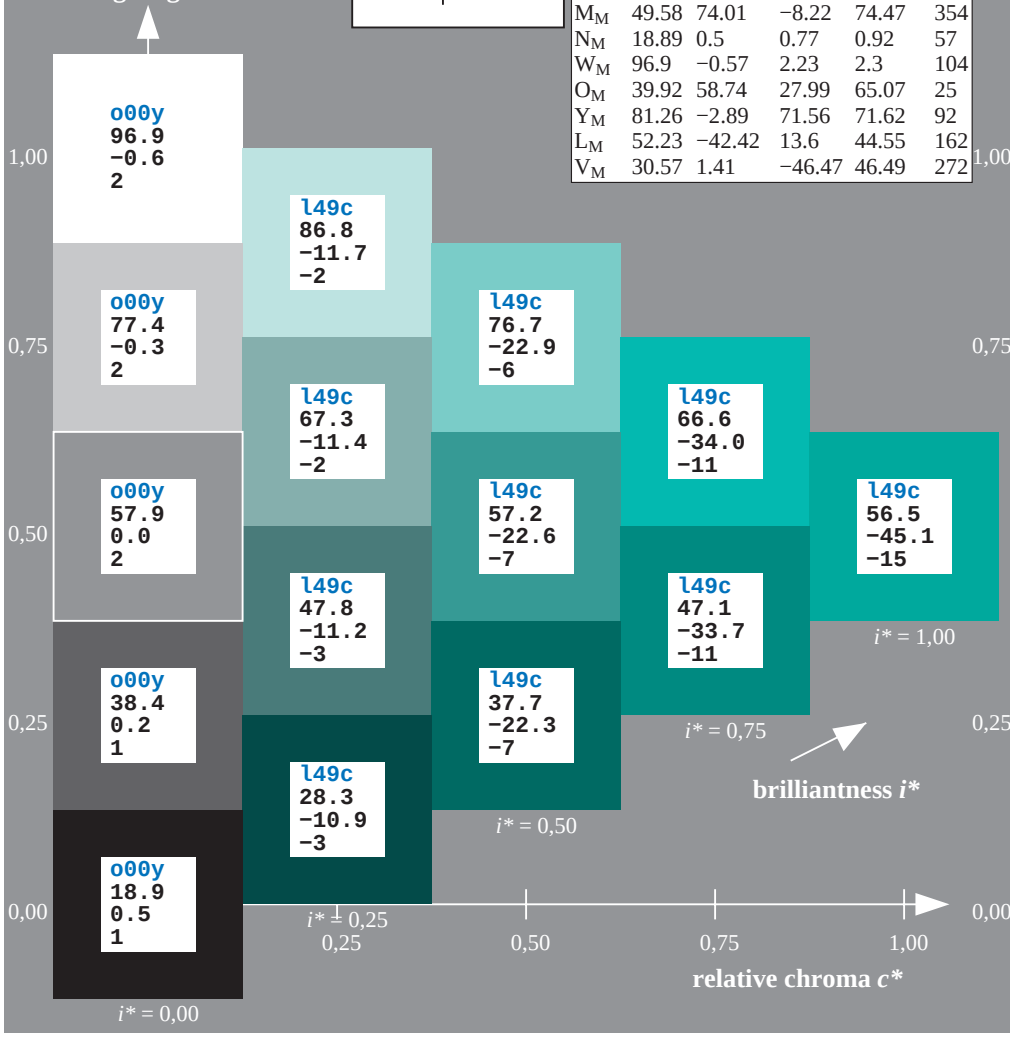
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

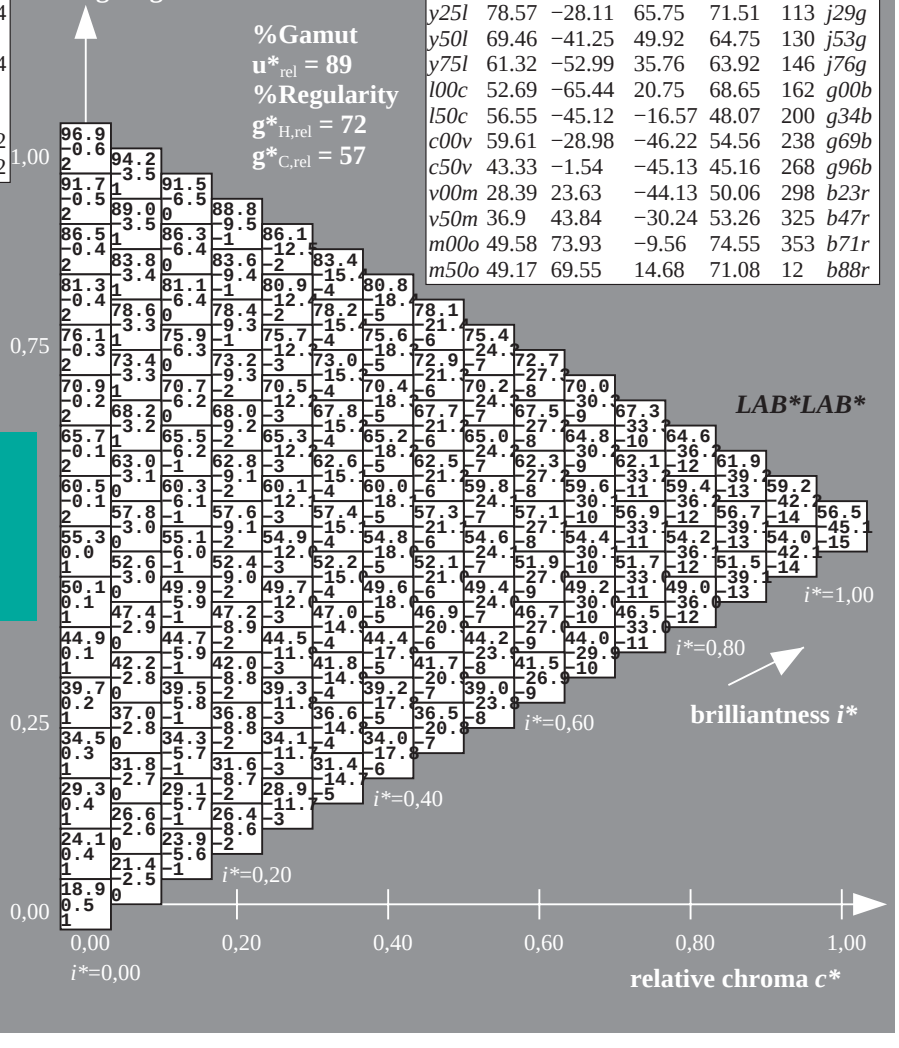
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 57 −45 −17**
***LAB*LCH*Ma*: 57 48 200**
***lab*olv*Ma*: 0.0 1.0 0.5**
***lab*rgb*Ma*: 0.0 1.0 0.69**
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

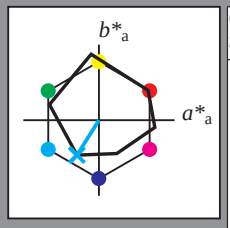
$u^*_d = c00v$
*LAB*LAB**

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

Hue texts:
$u^*_d = c00v$ $u^*_e = g69b$

contrast reduction factor:
$c_R = 1.0$

triangle lightness *t**



ORS19_96; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

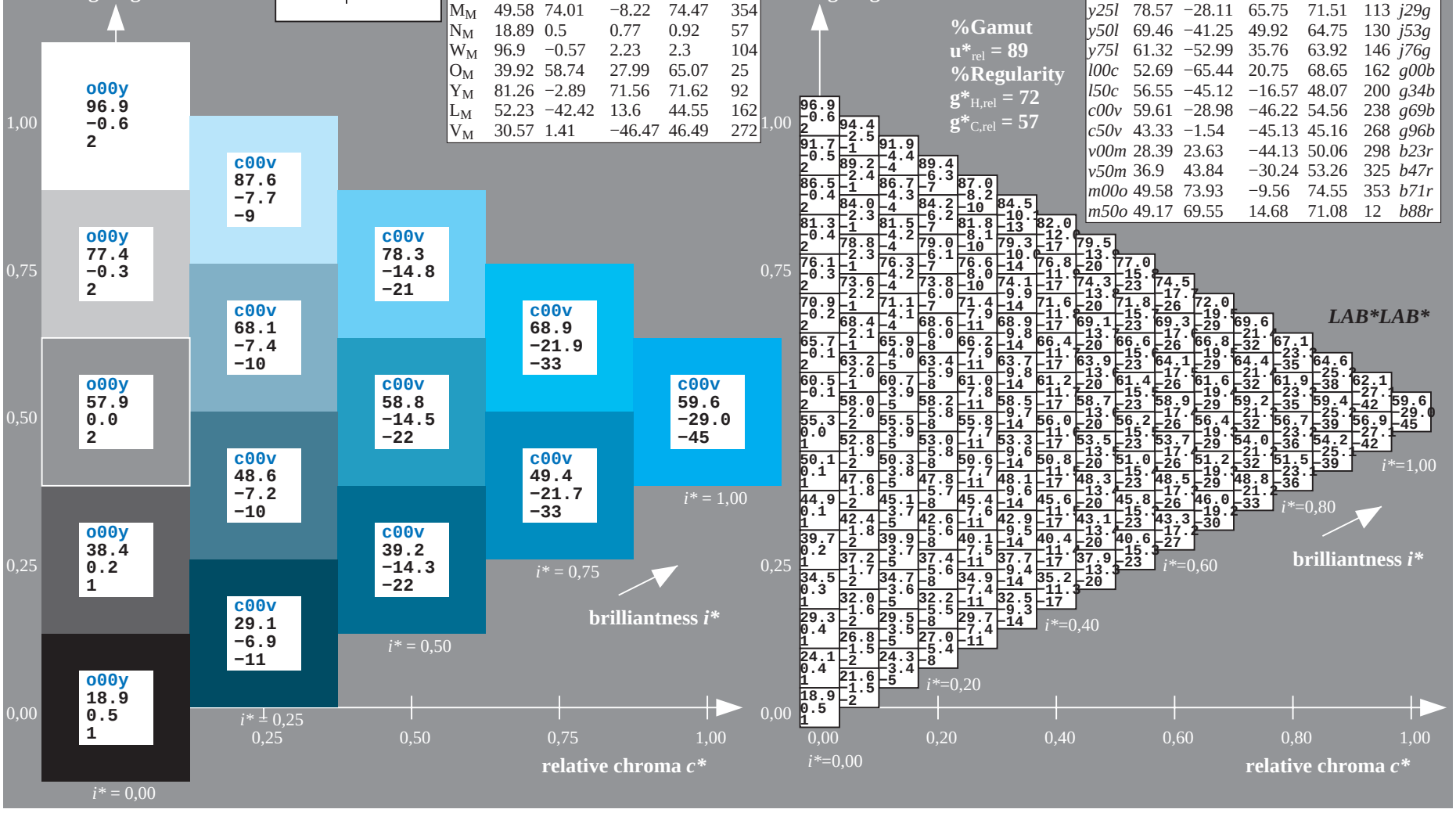
*LAB*LAB**$_{Ma}$: 60 −29 −46
*LAB*LCH**$_{Ma}$: 60 55 237
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.62 1.0

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

triangle lightness *t**

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



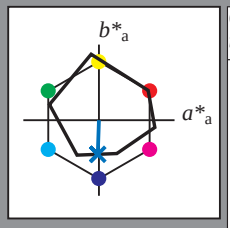
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$

$u^*_d = c50v$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96; CIELAB data

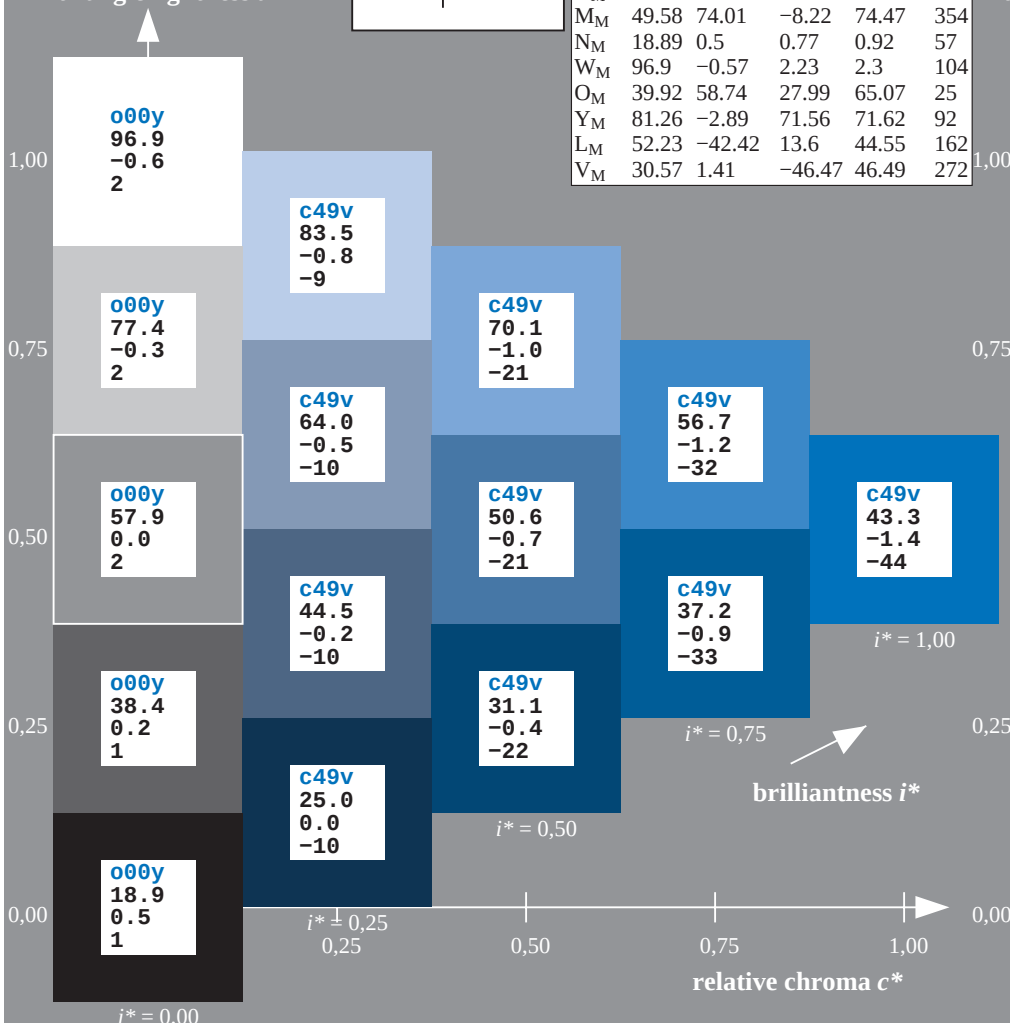
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

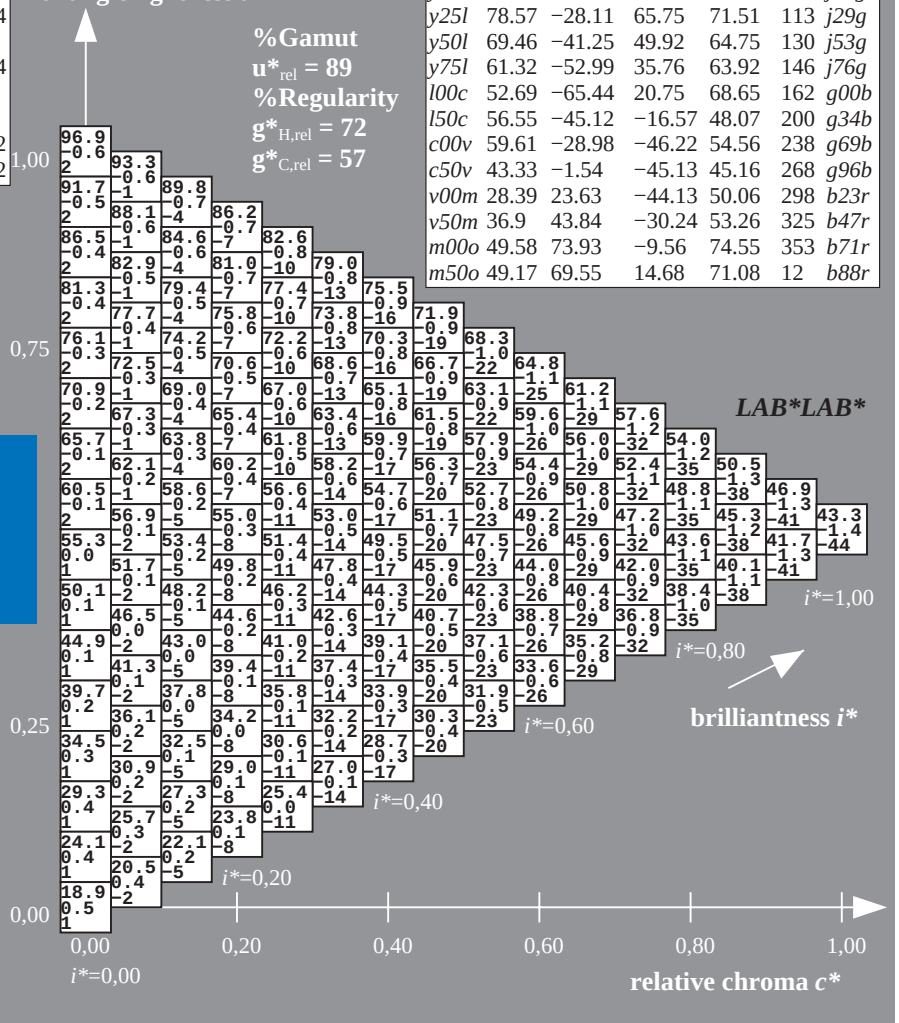
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 43 −2 −45
*LAB*LCH**$_{Ma}$: 43 45 268
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.07 1.0
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





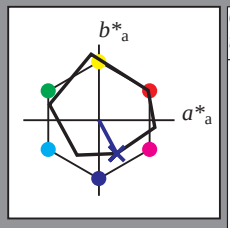
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

$u^*_d = v00m$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96; CIELAB data

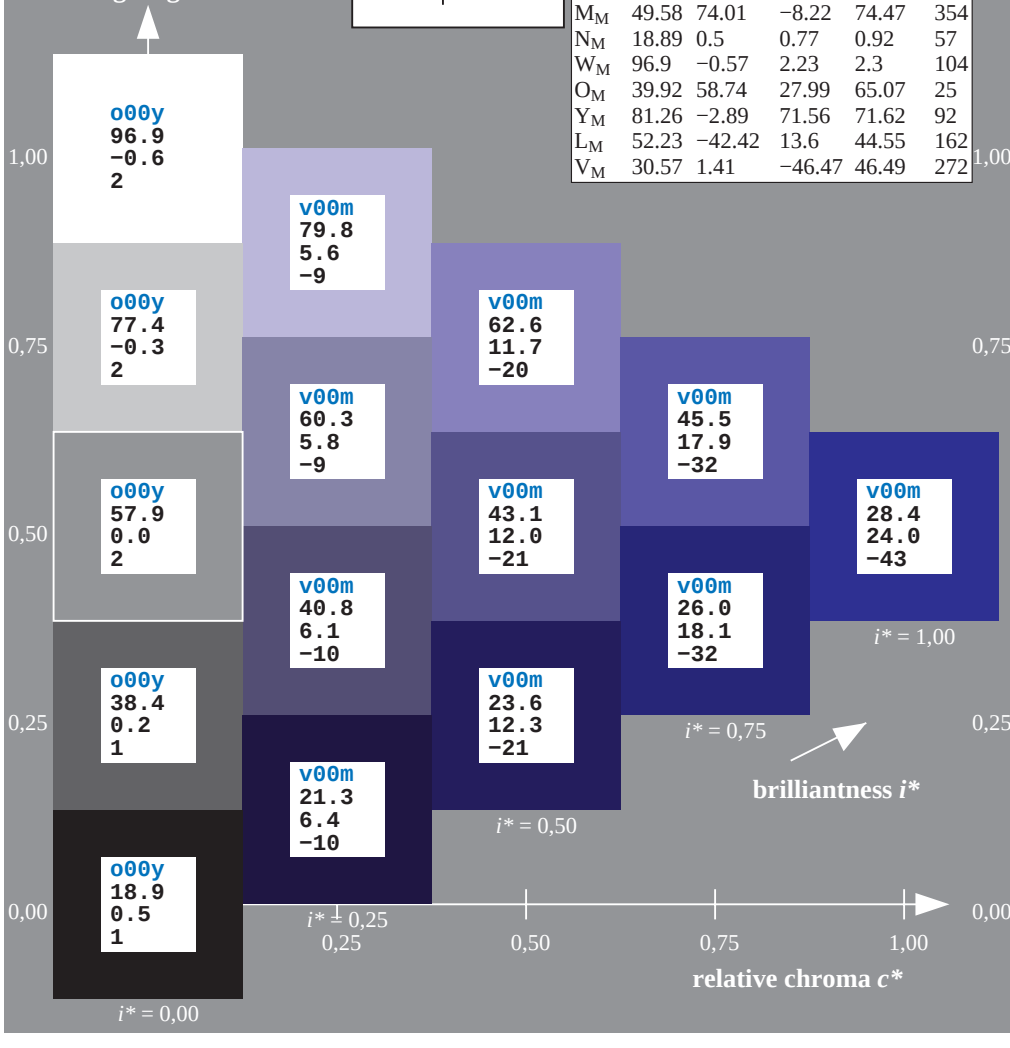
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

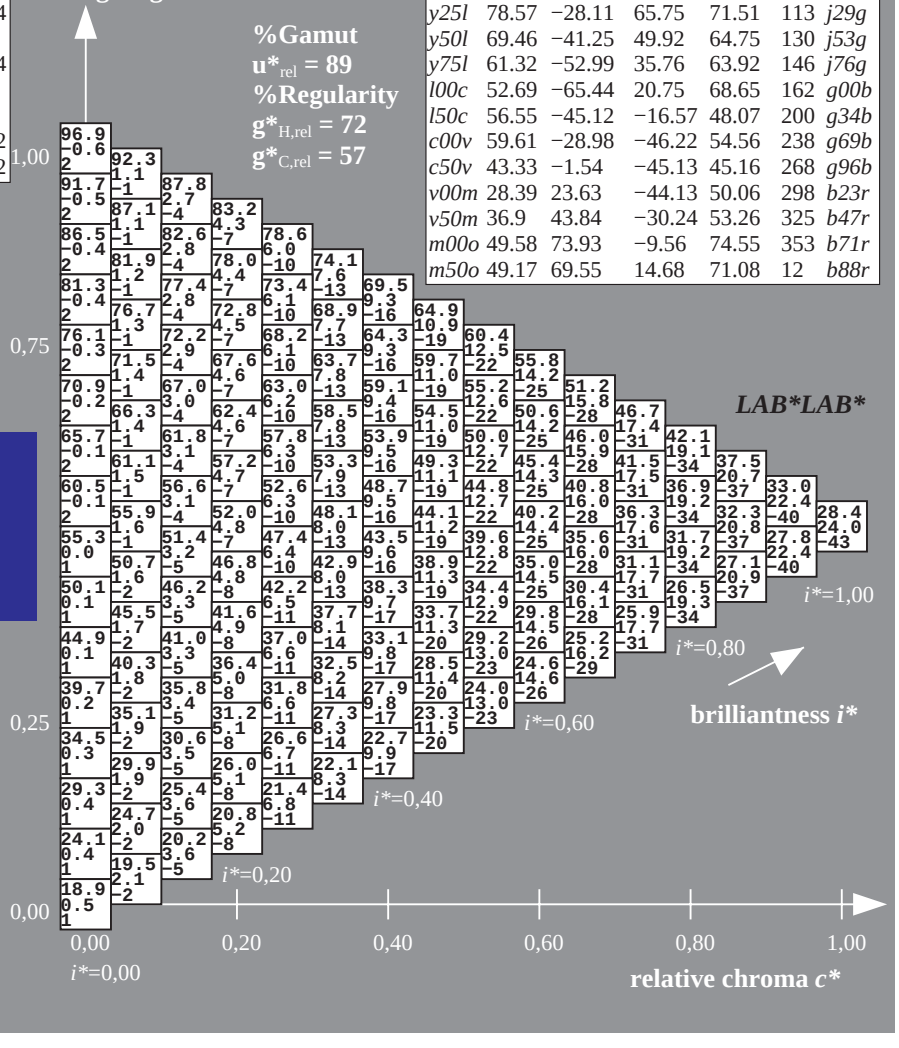
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 28 24 −44
*LAB*LCH**$_{Ma}$: 28 50 298
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.46 0.0 1.0
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





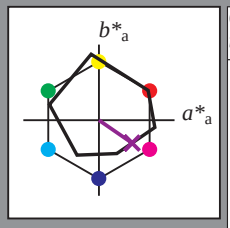
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$

$u^*_d = v50m$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96; CIELAB data

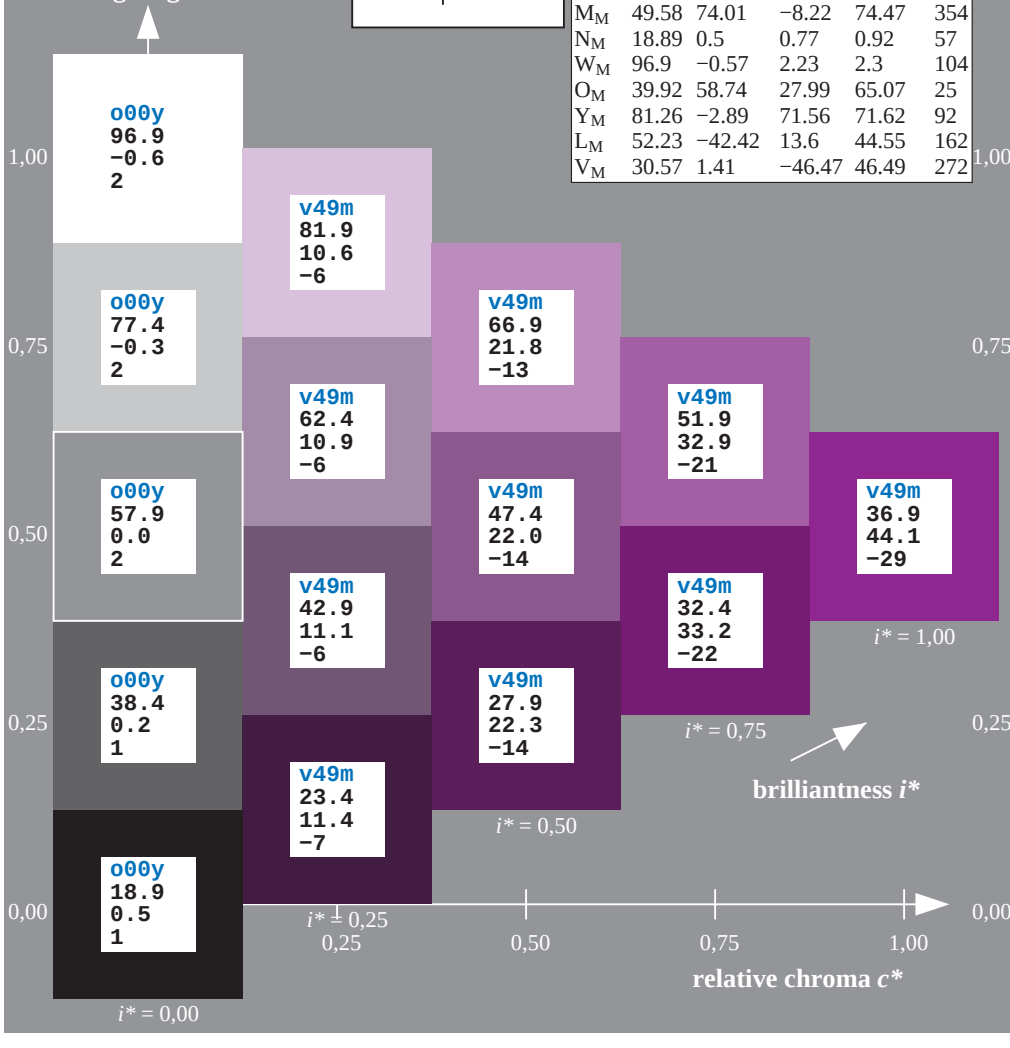
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

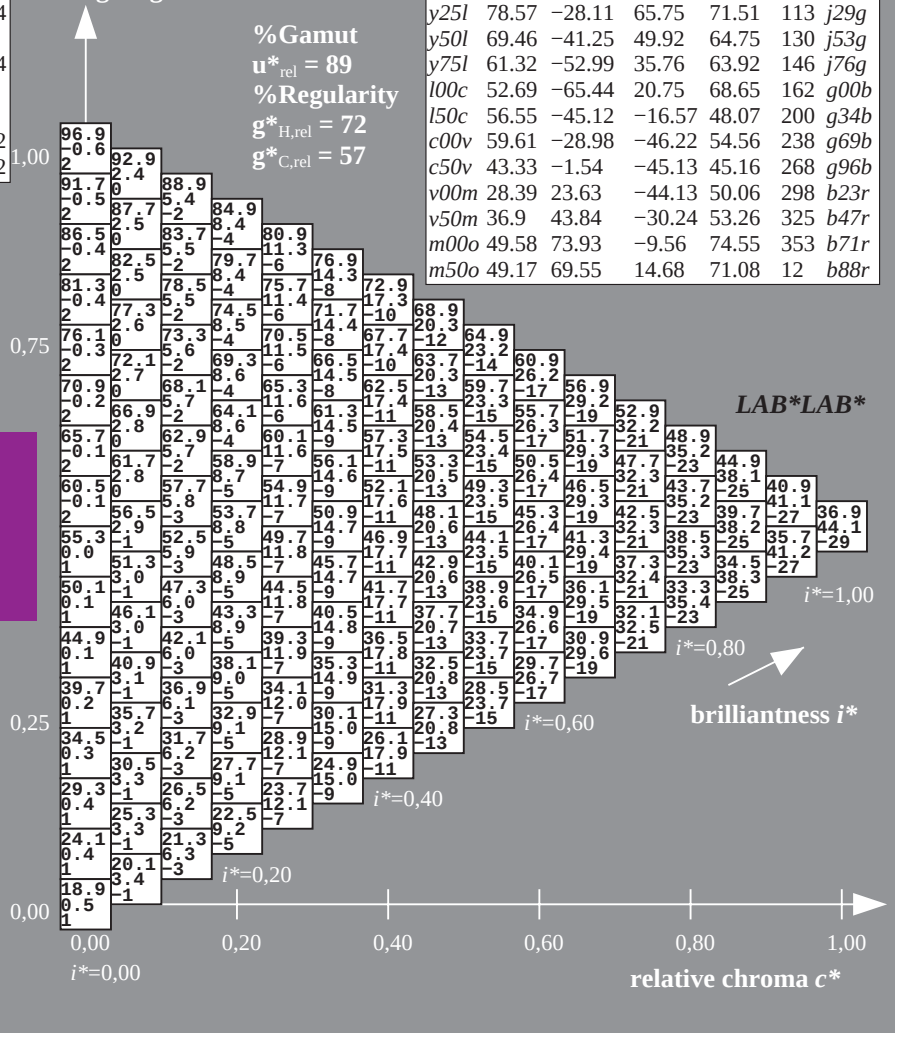
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 37 44 −30
*LAB*LCH**$_{Ma}$: 37 53 325
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.94 0.0 1.0
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





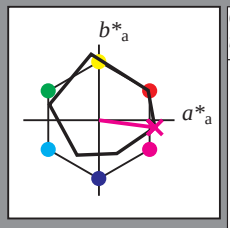
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

$u^*_d = m00o$
LAB^*LAB^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m00o$ $u^*_e = b71r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS19_96; CIELAB data

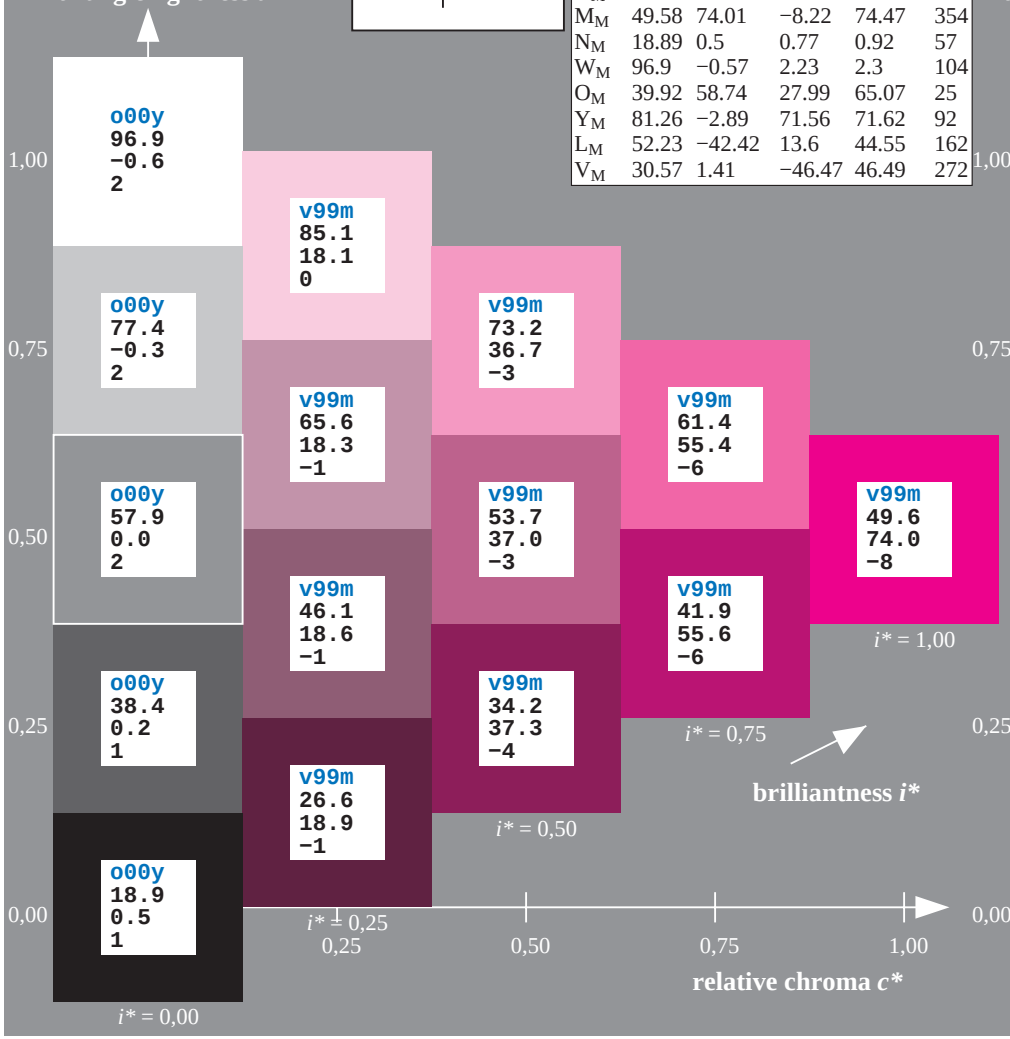
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

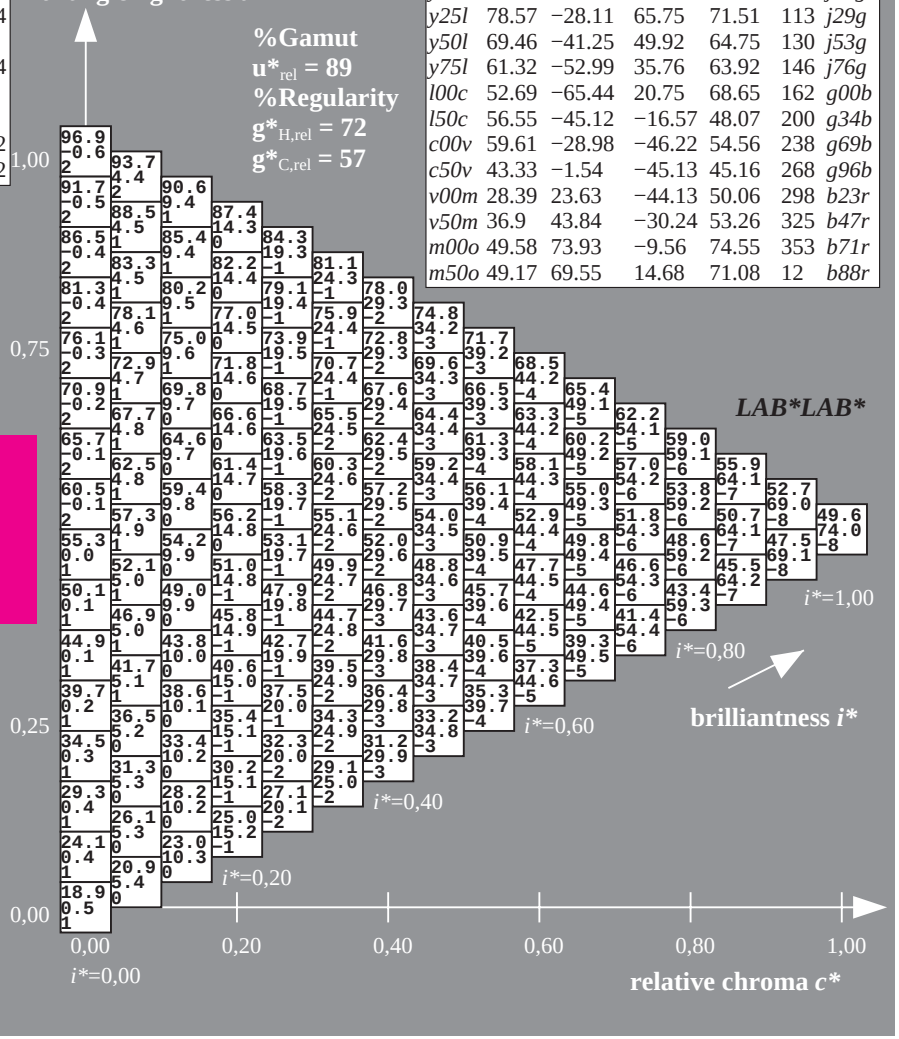
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 50 74 −10
$LAB^*LCH^*_{Ma}$: 50 75 352
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.58
triangle lightness t^*

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





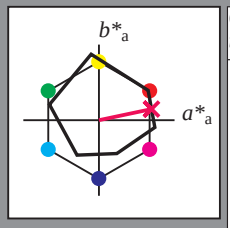
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

$u^*_d = m50o$
LAB^*LAB^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b88r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



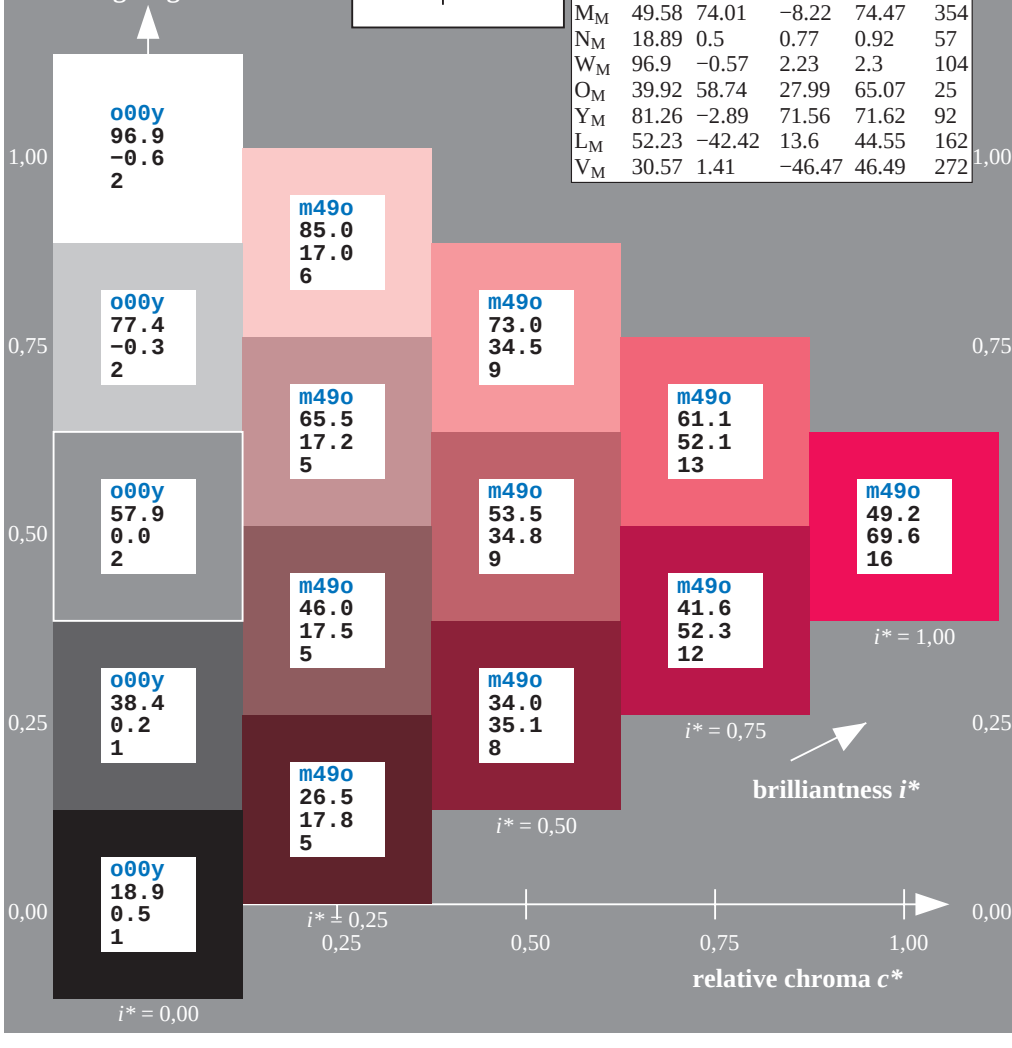
ORS19_96; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

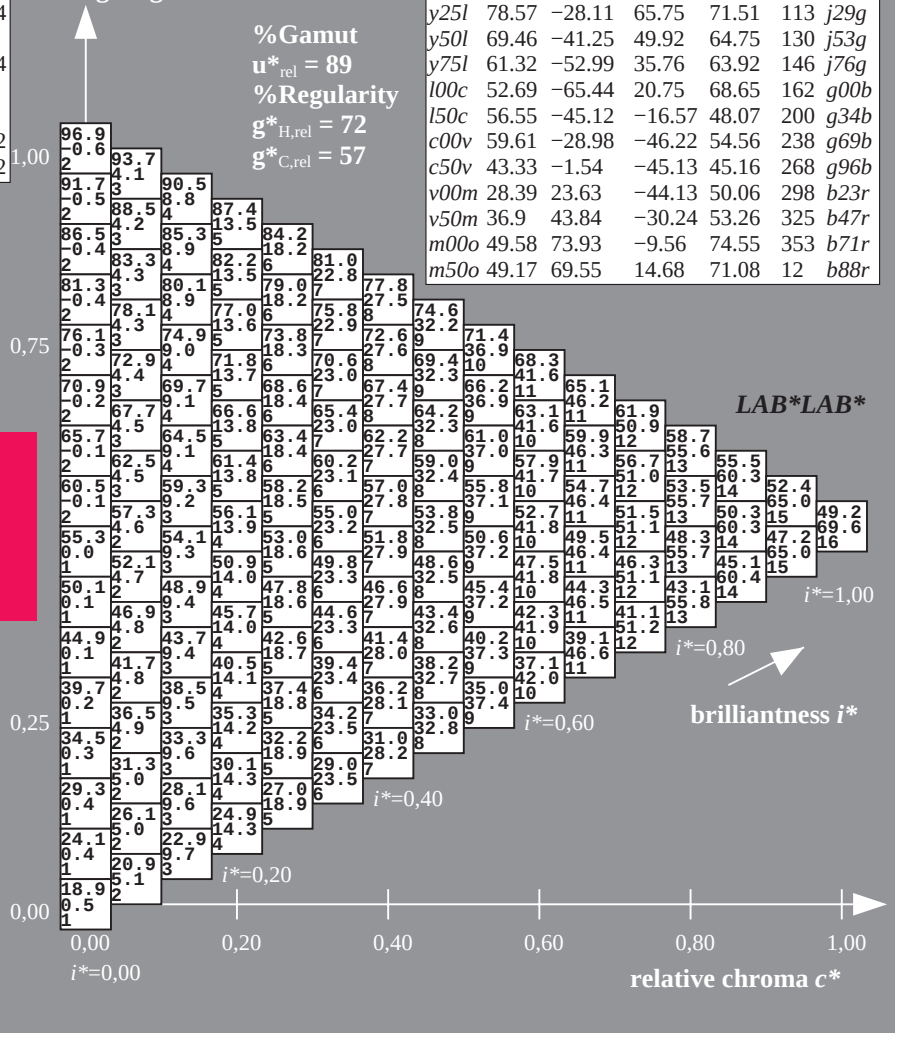
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 49 70 15
$LAB^*LCH^*_{Ma}$: 49 71 11
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.24
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



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



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

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Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	*LAB*LAB**		
01	18.9 0.5 1	23.1 -7.7 3	27.3 -16.0 6	31.6 -24.2 9	35.8 -32.4 11	40.0 -40.7 14	44.2 -48.9 17	48.5 -57.2 19	52.7 -65.4 22	22.6 8.6 6	27.9 -0.9 12	31.5 -10.0 13	35.8 -18.1 16	40.1 -26.3 19	44.4 -34.4 22	48.6 -42.6 25	52.9 -50.8 27	57.2 -59.0 30	26.4 16.7 11	31.2 7.9 16	36.9 -2.3 23	40.1 -12.1 24	44.2 -20.5 26	48.4 -28.6 29	52.7 -36.8 32	57.0 -44.9 35	61.3 -53.1 37	96.9 -0.6 2	90.9 7.6 7	84.9 15.9 12	78.8 24.1 17	72.8 32.3 21	66.8 40.5 26	60.8 48.7 31	54.8 56.9 36	48.7 65.2 41	18.9 0.5 1	18.9 0.5 1	18.9 0.5 1	18.9 0.5 1
02	20.1 3.4 -5	24.0 -3.2 -5	28.3 -10.9 -3	32.6 -18.6 -1	36.9 -26.5 1	41.2 -34.5 3	45.5 -42.5 5	49.7 -50.6 7	54.0 -58.7 10	22.7 9.7 0	28.6 0.4 1	32.9 -7.9 4	37.1 -16.1 6	41.3 -24.3 9	45.5 -32.6 12	49.8 -40.8 14	54.0 -49.1 17	58.2 -57.3 20	26.5 17.8 5	32.4 8.4 6	37.6 -1.0 12	41.3 -10.1 14	45.6 -18.3 16	49.9 -26.4 19	54.1 -34.6 22	58.4 -42.8 25	62.7 -50.9 27	92.2 -4.1 -4	87.1 -0.4 2	81.1 7.8 7	75.1 16.0 12	69.1 24.2 16	63.1 32.4 21	57.1 40.6 26	51.0 48.9 31	45.0 57.1 36	28.6 0.4 1	28.6 0.4 1	28.6 0.4 1	28.6 0.4 1
03	21.3 6.4 -10	25.0 0.0 -10	29.1 -6.9 -11	33.4 -14.7 -9	37.7 -22.3 -7	42.1 -30.0 -6	46.4 -37.7 -4	50.7 -45.6 -2	55.0 -53.5 0	23.4 11.4 -7	29.8 3.3 -5	33.7 -3.3 -5	38.1 -11.0 -3	42.4 -18.8 -1	46.7 -26.6 1	51.0 -34.6 3	55.2 -42.6 5	59.5 -50.7 8	26.6 18.9 -1	32.5 9.6 0	38.4 0.2 1	42.6 -8.0 4	46.8 -16.2 6	51.1 -24.5 9	55.3 -32.7 12	59.5 -41.0 14	63.7 -49.2 17	87.6 -7.7 -9	82.5 -4.0 -4	77.4 -0.3 2	71.4 7.9 7	65.4 16.1 11	59.3 24.3 16	53.3 32.6 21	47.3 40.8 26	41.3 49.0 31	38.4 0.2 1	38.4 0.2 1	38.4 0.2 1	38.4 0.2 1
04	22.5 9.3 -16	26.3 2.8 -16	29.9 -3.3 -16	34.2 -10.6 -16	38.4 -18.5 -14	42.8 -26.1 -13	47.1 -33.7 -11	51.5 -41.4 -10	55.8 -49.1 -8	24.5 14.2 -12	31.0 6.2 -10	34.8 -0.1 -10	38.8 -7.0 -10	43.1 -14.9 -8	47.5 -22.5 -7	51.8 -30.1 -5	56.1 -37.9 -4	60.4 -45.7 -2	26.9 19.8 -8	33.1 11.3 -7	39.6 3.2 -4	43.5 -3.5 -5	47.8 -11.2 -3	52.1 -18.9 -1	56.4 -26.8 1	60.7 -34.7 3	65.0 -42.8 5	82.9 -11.2 -15	77.8 -7.6 -10	72.7 -3.9 -4	67.6 -0.2 2	61.6 8.0 6	55.6 16.3 11	49.6 24.5 16	43.6 32.7 21	37.6 40.9 26	48.1 0.1 1	48.1 0.1 1	48.1 0.1 1	48.1 0.1 1
05	23.6 12.3 -21	27.6 5.6 -21	31.1 -0.4 -22	34.8 -6.7 -22	39.2 -14.3 -22	43.5 -22.3 -20	47.8 -30.0 -18	52.2 -37.5 -17	56.5 -45.1 -15	25.7 17.1 -18	32.2 9.2 -16	36.0 2.7 -16	39.6 -3.4 -16	43.9 -10.7 -16	48.2 -18.7 -14	52.5 -26.3 -12	56.9 -33.9 -11	61.2 -41.5 -9	27.9 22.3 -14	34.3 14.1 -12	40.8 6.1 -10	44.5 -0.2 -10	48.6 -7.2 -10	52.9 -15.0 -8	57.2 -22.6 -7	61.6 -30.3 -5	65.9 -38.0 -3	78.3 -14.8 -21	73.2 -11.1 -16	68.1 -7.4 -10	63.0 -3.7 -4	57.9 0.0 2	51.9 8.2 6	45.9 16.4 11	39.8 24.6 16	33.8 32.8 21	57.9 0.0 2	57.9 0.0 2	57.9 0.0 2	57.9 0.0 2
06	24.8 15.2 -27	28.8 8.4 -27	32.4 2.3 -27	35.9 -3.7 -27	39.8 -10.2 -27	44.3 -18.0 -28	48.6 -26.1 -25	52.9 -33.8 -23	57.3 -41.4 -22	26.9 20.0 -23	33.4 12.1 -21	37.3 5.4 -21	40.9 -0.6 -21	44.5 -6.8 -22	49.0 -14.4 -22	53.3 -22.5 -19	57.6 -30.1 -18	61.9 -37.7 -16	29.0 25.1 -20	35.5 17.0 -18	42.0 9.0 -15	45.8 2.5 -16	49.4 -3.5 -16	53.7 -10.8 -16	57.9 -18.8 -14	62.3 -26.4 -12	66.6 -34.0 -11	73.6 -18.4 -27	68.5 -14.7 -21	63.4 -11.0 -16	58.3 -7.3 -10	53.2 -3.6 -4	48.1 0.1 1	42.1 8.3 6	36.1 16.5 11	30.1 24.7 16	67.6 -0.2 2	67.6 -0.2 2	67.6 -0.2 2	67.6 -0.2 2
07	26.0 18.1 -32	30.1 11.3 -32	33.7 5.1 -33	37.2 -0.9 -33	40.8 -7.0 -33	44.8 -13.8 -33	49.4 -21.7 -33	53.7 -29.8 -31	58.0 -37.6 -29	28.1 23.0 -29	34.6 15.1 -27	38.6 8.3 -27	42.2 2.2 -27	45.7 -3.8 -27	49.5 -10.3 -27	54.1 -18.1 -27	58.3 -26.2 -25	62.7 -33.9 -23	30.2 27.9 -25	36.6 19.9 -23	43.1 12.0 -21	47.1 5.3 -21	50.6 -0.7 -21	54.3 -7.0 -21	58.8 -14.5 -22	63.0 -22.6 -19	67.3 -30.2 -18	68.9 -21.9 -33	63.8 -18.2 -27	58.8 -14.5 -22	53.7 -10.8 -16	48.6 -7.2 -10	43.5 -3.5 -5	38.4 0.2 1	32.4 8.4 6	26.4 16.7 11	77.4 -0.3 2	77.4 -0.3 2	77.4 -0.3 2	77.4 -0.3 2
08	27.2 21.1 -38	31.3 14.1 -38	35.0 7.9 -38	38.5 1.8 -38	42.1 -4.2 -38	45.8 -10.5 -39	49.8 -17.4 -39	54.5 -25.3 -39	58.7 -33.6 -36	29.3 25.9 -34	35.8 18.0 -32	39.8 11.1 -32	43.5 4.9 -32	47.0 -1.0 -33	50.6 -7.2 -33	54.5 -13.9 -33	59.2 -21.8 -33	63.4 -30.0 -31	31.3 30.8 -31	37.8 22.8 -29	44.3 14.9 -26	48.3 8.1 -27	51.9 2.0 -27	55.5 -4.0 -27	59.3 -10.5 -27	63.8 -18.2 -27	68.1 -26.4 -25	64.3 -25.5 -39	59.2 -21.8 -33	54.1 -18.1 -27	49.0 -14.4 -22	43.9 -10.7 -16	38.8 -7.0 -10	33.7 -3.3 -5	28.6 0.4 1	22.6 8.6 6	87.1 -0.4 2	87.1 -0.4 2	87.1 -0.4 2	87.1 -0.4 2
09	28.4 24.0 -43	32.5 17.0 -43	36.2 10.7 -44	39.8 4.6 -44	43.3 -1.4 -44	46.9 -7.5 -44	50.7 -13.9 -44	54.9 -21.0 -44	59.6 -29.0 -45	30.5 28.9 -40	37.0 20.9 -38	41.0 14.0 -38	44.7 7.7 -38	48.3 1.7 -38	51.8 -4.3 -38	55.5 -10.6 -38	59.6 -17.5 -39	64.3 -25.5 -39	32.5 33.7 -36	39.0 25.8 -34	45.5 17.9 -32	49.6 11.0 -32	53.2 4.8 -32	56.7 -1.2 -32	60.3 -7.3 -33	64.3 -14.0 -33	68.9 -21.9 -33	59.6 -29.0 -45	54.5 -25.3 -39	49.4 -21.7 -33	44.3 -18.0 -28	39.2 -14.3 -22	34.2 -10.6 -16	29.1 -6.9 -11	24.0 -3.2 -5	18.9 0.5 1	96.9 -0.6 2	96.9 -0.6 2	96.9 -0.6 2	96.9 -0.6 2
10	30.1 24.7 16	35.1 15.7 22	39.8 7.2 27	45.9 -3.7 34	48.7 -14.0 34	52.6 -22.6 36	56.8 -31.0 39	61.1 -39.1 42	65.4 -47.3 44	33.8 32.8 21	39.0 23.6 27	43.6 15.2 32	48.6 6.3 38	54.9 -5.1 45	57.5 -15.7 45	61.2 -24.7 47	65.3 -33.2 49	69.5 -41.4 52	37.6 40.9 26	42.8 31.5 32	47.5 23.0 37	52.2 14.6 43	57.4 5.2 49	63.9 -6.6 56	66.3 -17.4 56	69.9 -26.6 57	73.8 -35.3 59	96.9 -0.6 2	96.2 -1.8 13	95.4 -3.1 24	94.7 -4.4 35	93.9 -5.7 46	93.2 -7.0 57	92.4 -8.2 68	91.7 -9.5 78	90.9 -10.8 89	18.9 0.5 1	18.9 0.5 1	18.9 0.5 1	18.9 0.5 1
11	30.2 25.9 9	36.1 16.5 11	41.0 7.7 17	46.6 -2.5 23	49.8 -12.2 24	53.9 -20.6 26	58.2 -28.8 29	62.5 -36.9 32	66.8 -45.1 35	33.9 34.0 14	39.8 24.6 16	44.9 15.6 22	49.6 7.1 27	55.7 -3.9 34	58.5 -14.1 34	62.4 -22.8 37	66.6 -31.1 39	70.8 -39.3 42	37.7 42.1 19	43.6 32.7 21	48.7 23.4 27	53.4 15.1 32	58.3 6.2 38	64.7 -5.3 45	67.3 -15.8 45	71.0 -24.8 47	75.0 -33.3 49	88.3 2.5 -3	87.1 -0.4 2	86.4 -1.7 13	85.7 -3.0 24	84.9 -4.3 35	84.2 -5.5 46	83.4 -6.8 57	82.7 -8.1 67	81.9 -9.4 78	24.1 0.4 1	24.1 0.4 1	24.1 0.4 1	24.1 0.4 1
12	30.3 27.0 4	36.2 17.6 5	42.1 8.3 6	47.4 -1.2 12	51.0 -10.3 14	55.3 -18.4 17	59.6 -26.6 19	63.9 -34.7 22	68.2 -42.9 25	34.0 35.1 8	39.9 25.8 10	45.9 16.4 11	50.8 7.6 17	56.4 -2.6 23	59.6 -12.4 24	63.7 -20.7 27	67.9 -28.9 29	72.2 -37.1 32	37.8 43.2 13	43.7 33.9 15	49.6 24.5 16	54.6 15.4 22	59.3 6.9 27	65.4 -4.0 34	68.2 -14.2 35	72.1 -22.9 37	76.3 -31.2 39	79.8 5.6 -9	78.6 2.6 -4	77.4 -0.3 2	76.6 -1.6 13	75.9 -2.9 24	75.2 -4.1 35	74.4 -5.4 45	73.7 -6.7 56	72.9 -8.0 67	29.3 0.4 1	29.3 0.4 1	29.3 0.4 1	29.3 0.4 1
13	30.4 28.1 -3	36.3 18.7 -1	42.2 9.4 0	48.1 0.1 1	52.4 -8.1 4	56.6 -16.4 7	60.8 -24.6 9	65.0 -32.9 12	69.3 -41.1 15	34.1 36.1 2	40.0 26.8 4	46.0 17.5 5	51.9 8.2 6	57.1 -1.3 12	60.8 -10.4 14	65.1 -18.5 17	69.4 -26.7 20	73.6 -34.8 22	37.9 44.2 7	43.8 34.9 9	49.7 25.6 10	55.6 16.3 11	60.5 7.5 17	66.2 -2.7 23	69.3 -12.5 24	73.4 -20.9 27	77.7 -29.0 29	71.2 8.6 -15	70.0 5.7 -9	68.8 2.8 -4	67.6 -0.2 2	66.9 -1.4 13	66.2 -2.7 23	65.4 -4.0 34	64.7 -5.3 45	63.9 -6.6 56	34.5 0.3 1	34.5 0.3 1	34.5 0.3 1	34.5 0.3 1
14	30.5 28.5 -10	36.7 19.7 -8	42.9 11.1 -6	49.3 3.0 -4	53.2 -3.6 -4	57.6 -11.3 -3	61.9 -19.0 -1	66.2 -26.9 1	70.5 -34.9 3	34.2 37.3 -4	40.1 27.9 -2	46.1 18.6 -1	52.0 9.3 0	57.9 0.0 2	62.1 -8.3 4	66.3 -16.5 7	70.6 -24.7 10	74.8 -33.0 12	38.0 45.3 1	43.9 36.0 3	49.8 26.7 4	55.7 17.4 5	61.6 8.0 6	66.9 -1.4 13	70.5 -10.5 14	74.8 -18.7 17	79.1 -26.8 20	62.6 11.7 -20	61.5 8.8 -15	60.3 5.8 -9	59.1 2.9 -4	57.9 0.0 2	57.1 -1.3 12	56.4 -2.6 23	55.7 -3.9 34	54.9 -5.1 45	39.7 0.2 1	39.7 0.2 1	39.7 0.2 1	39.7 0.2 1
15	31.4 30.6 -16	37.6 22.2 -14	44.0 13.9 -12	50.5 6.0 -10	54.3 -0.4 -10	58.3 -7.3 -10	62.6 -15.1 -8	67.0 -22.7 -7	71.3 -30.4 -5	34.2 37.4 -11	40.3 28.4 -10	46.4 19.6 -8	52.6 11.0 -6	59.1 2.9 -4	63.0 -3.7 -4	67.3 -11.4 -2	71.6 -19.2 -1	75.9 -27.0 1	38.1 46.4 -5	44.0 37.1 -4	49.9 27.8 -2	55.8 18.5 -1	61.7 9.2 0	67.6 -0.2 2	71.9 -8.4 4	76.1 -16.6 7	80.3 -24.9 10	54.1 14.8 -26	52.9 11.8 -21	51.7 8.9 -15	50.5 6.0 -10	49.3 3.0 -4	48.1 0.1 1	47.4 -1.2 12	46.6 -2.5 23	45.9 -3.7 34	44.9 0.1 1	44.9 0.1 1	44.9 0.1 1	44.9 0.1 1
16	32.4 33.2 -22	38.8 24.9 -20	45.2 16.8 -17	51.7 8.9 -15	55.5 2.4 -15	59.1 -3.7 -16	63.4 -11.0 -16	67.7 -19.0 -14	72.0 -26.5 -12	34.9 39.2 -17	41.1 30.5 -16	47.4 22.0 -14	53.8 13.8 -12	60.3 5.8 -9	64.0 -0.5 -10	68.1 -7.4 -10	72.4 -15.3 -8	76.7 -22.9 -6	38.0 46.3 -12	44.0 37.2 -11	50.0 28.3 -9	56.2 19.4 -8	62.4 10.9 -6	68.8 2.8 -4	72.7 -3.9 -4	77.1 -11.6 -2	81.4 -19.3 -1	45.5 17.9 -32	44.3 14.9 -26	43.1 12.0 -21	42.0 9.0 -15	40.8 6.1 -10	39.6 3.2 -4	38.4 0.2 1	37.6 -1.0 12	36.9 -2.3 23	50.1 0.1 1	50.1 0.1 1	50.1 0.1 1	50.1 0.1 1
17	33.5 35.9 -27	39.9 27.8 -25	46.4 19.8 -23	52.9 11.8 -21	56.8 5.2 -21	60.4 -0.8 -21	64.0 -7.1 -21	68.5 -14.7 -21	72.8 -22.7 -19	35.9 41.5 -23	42.2 33.1 -21	48.5 24.8 -19	55.0 16.7 -17	61.5 8.8 -15	65.3 2.3 -15	68.9 -3.8 -15	73.2 -11.1 -16	77.4 -19.1 -13	38.5 47.8 -19	44.7 39.0 -17	50.9 30.4 -16	57.1 21.9 -14	63.5 13.7 -12	70.0 5.7 -9	73.8 -0.6 -9	77.8 -7.6 -10	82.1 -15.4 -8	37.0 20.9 -38	35.8 18.0 -32	34.6 15.1 -27	33.4 12.1 -21	32.2 9.2 -16	31.0 6.2 -10	29.8 3.3 -5	28.6 0.4 1	27.9 -0.9 12	55.3 0.0 1	55.3 0.0 1	55.3 0.0 1	55.3 0.0 1
18	34.6 38.8 -33	41.1 30.7 -31	47.6 22.7 -28	54.1 14.8 -26	58.1 8.0 -26	61.7 1.9 -27	65.2 -4.1 -27	69.0 -10.6 -27	73.6 -18.4 -27	36.9 44.1 -29	43.3 35.8 -27	49.7 27.6 -25	56.1 19.6 -23	62.6 11.7 -20	66.6 5.0 -21	70.1 -1.0 -21	73.8 -7.2 -21	78.3 -14.8 -21	39.4 49.9 -25	45.6 41.4 -23	51.9 32.9 -21	58.3 24.7 -19	64.7 16.6 -17	71.2 8.6 -15	75.1 2.1 -15	78.6 -3.9 -15	82.9 -11.2 -15	28.4 24.0 -43	27.2 21.1 -38	26.0 18.1 -32	24.8 15.2 -27	23.6 12.3 -21	22.5 9.3 -16	21.3 6.4 -10	20.1 3.4 -5	18.9 0.5 1	60.5 -0.1 2	60.5 -0.1 2	60.5 -0.1 2	60.5 -0.1 2
19	41.3 49.0 31	46.6 39.5 37	51.3 30.9 42	56.0 22.6 48	60.8 13.9 53	66.2 4.1 60	72.9 -8.0 67	75.2 -19.0 66	78.6 -28.4 68	45.0 57.1 36	50.4 47.4 42	55.2 38.7 48	59.8 30.4 53	64.5 22.0 58	69.5 13.0 64	75.1 2.9 70	81.9 -9.4 78	84.1 -20.5 77	48.7 65.2 41	54.1 55.5 47	59.0 46.6 53	63.7 38.2 58	68.3 29.9 63	73.1 21.3 69	78.2 12.1 75	84.0 1.6 81	90.9 -10.8 89	96.9 -0.6 2	91.4 -8.7 5	85.8 -16.8 7	80.3 -24.9 10	74.8 -33.0 12	69.3 -41.1 15	63.7 -49.2 17	58.2 -57.3 20	52.7 -65.4 22	65.7 -0.1 2	65.7 -0.1 2	65.7 -0.1 2	65.7 -0.1 2
20	41.4 50.2 24	47.3 40.8 26	52.5 31.4 32	57.2 22.9 37	61.9 14.5 43	67.1 5.1 49	73.7 -6.7 56	76.1 -17.5 56	79.6 -26.7 57	45.1 58.3 29	51.0 48.9 31	56.3 39.3 37	61.1 30.7 43	65.7 22.4 48	70.5 13.7 53	76.0 4.0 60	82.7 -8.1 67	85.0 -19.1 67	48.9 66.3 34	54.8 56.9 36	60.1 47.3 42	65.0 38.6 48	69.6 30.3 53	74.3 21.9 58	79.2 12.9 64	84.9 2.7 71	91.7 -9.5 78	91.0 8.8 1	87.1 -0.4 2	81.6 -8.5 5	76.1 -16.6 7	70.6 -24.7 10	65.0 -32.9 12	59.5 -41.0 14	54.0 -49.1 17	48.5 -57.2 19	70.9 -0.2 2	70.9 -0.2 2	70.9 -0.2 2	70.9 -0.2 2
21	41.5 51.3 18	47.4 41.9 19	53.3 32.6 21	58.5 23.3 27	63.1 14.9 32	68.1 6.0 38	74.4 -5.4 45	77.0 -16.0 45	80.7 -24.9 47	45.2 59.4 23	51.1 50.0 24	57.1 40.6 26	62.3 31.2 32	67.0 22.8 38	71.7 14.3 43	76.9 5.0 49	83.4 -6.8 57	85.8 -17.6 56	49.0 67.5 28	54.9 58.1 29	60.8 48.7 31	66.1 39.2 37	70.8 30.6 43	75.5 22.3 48	80.3 13.6 54	85.7 3.8 60	92.4 -8.2 68	85.1 18.1 0	81.2 8.9 1	77.4 -0.3 2	71.9 -8.4 4	66.3 -16.5 7	60.8 -24.6 9	55.3 -32.7 12	49.8 -40.8 14	44.2 -48.9 17	76.1 -0.3 2	76.1 -0.3 2	76.1 -0.3 2	76.1 -0.3 2
22	41.6 52.3 12	47.5 43.0 13	53.4 33.7 15	59.3 24.3 16	64.4 15.3 22	69.1 6.8 28	75.2 -4.1 35	78.0 -14.4 35	81.9 -23.0 37	45.3 60.5 17	51.3 51.1 18	57.2 41.8 20	63.1 32.4 21	68.2 23.2 27	72.9 14.8 33	77.8 5.9 38	84.2 -5.5 46	86.8 -16.1 45	49.1 68.6 22	55.0 59.2 23	60.9 49.9 25	66.8 40.5 26	72.0 31.1 32	76.7 22.6 38	81.4 14.2 43	86.6 4.8 49	93.2 -7.0 57	79.2 27.4 -2	75.3 18.2 -1	71.5 9.0 1	67.6 -0.2 2	62.1 -8.3 4	56.6 -16.4 7	51.1 -24.5 9	45.5 -32.6 12	40.0 -40.7 14	81.3 -0.4 2	81.3 -0.4 2	81.3 -0.4 2	81.3 -0.4 2
23	41.7 53.4 6	47.6 44.1 8	53.5 34.8 9	59.4 25.5 10	65.4 16.1 11	70.3 7.3 17	75.9 -2.9 24	79.1 -12.6 24	83.2 -21.0 27	45.4 61.5 11	51.4 52.2 12	57.3 42.9 14	63.2 33.6 15	69.1 24.2 16	74.1 15.2 22	78.8 6.7 28	84.9 -4.3 35	87.7 -14.5 35	49.2 69.6 16	55.1 60.3 17	61.0 51.0 19	66.9 41.7 20	72.8 32.3 21	78.0 23.0 27	82.6 14.7 33	87.6 5.8 38	93.9 -5.7 46	73.2 36.7 -3	69.4 27.5 -2	65.6 18.3 -1	61.7 9.2 0	57.9 0.0 2	52.4 -8.1 4	46.8 -16.2 6	41.3 -24.3 9	35.8 -32.4 11	86.5 -0.4 2	86.5 -0.4 2	86.5 -0.4 2	86.5 -0.4 2
24	41.8 54.5 0	47.7 45.2 2	53.6 35.9 3	59.5 26.6 4	65.5 17.2 5	71.4 7.9 7	76.6 -1.6 13	80.3 -10.7 14	84.6 -18.8 17	45.5 62.6 5	51.5 53.3 6	57.4 44.0 8	63.3 34.7 9	69.2 25.4 10	75.1 16.0 12	80.0 7.2 17	85.7 -3.0 24	88.8 -12.8 25	49.3 70.7 10	55.2 61.4 11	61.1 52.1 13	67.0 42.8 14	72.9 33.5 15	78.8 24.1 17	83.9 15.0 22	88.6 6.5 28	94.7 -4.4 35	67.3 46.0 -4	63.5 36.9 -3	59.7 27.7 -2	55.8 18.5 -1	52.0 9.3 0	48.1 0.1 1	42.6 -8.0 4	37.1 -16.1 6	31.6 -24.2 9	91.7 -0.5 2	91.7 -0.5 2	91.7 -0.5 2	91.7 -0.5 2
25	41.9 55.6 -6	47.8 46.3 -5	53.7 37.0 -3	59.7 27.7 -2	65.6 18.3 -1	71.5 9.0 1	77.4 -0.3 2	81.6 -8.5 5	85.8 -16.8 7	45.6 63.7 -1	51.6 54.4 0	57.5 45.0 2	63.4 35.7 3	69.3 26.4 4	75.2 17.1 5	81.1 7.8 7	86.4 -1.7 13	90.0 -10.8 15	49.4 71.8 4	55.3 62.5 5	61.2 53.1 7	67.1 43.8 8	73.0 34.5 9	79.0 25.2 10	84.9 15.9 12	89.8 7.1 18	95.4 -3.1 24	61.4 55.4 -6	57.6 46.2 -4	53.7 37.0 -3	49.9 27.8 -2	46.1 18.6 -1	42.2 9.4 0	38.4 0.2 1	32.9 -7.9 4	27.3 -16.0 6	96.9 -0.6 2	96.9 -0.6 2	96.9 -0.6 2	96.9 -0.6 2
26	41.7 55.3 -14	47.7 46.2 -12	53.7 37.1 -11	59.8 28.1 -9	65.9 19.3 -8	72.1 10.7 -6	78.6 2.6 -4	82.5 -4.0 -4	86.8 -11.7 -2	45.7 64.8 -7	51.7 55.5 -6	57.6 46.2 -4	63.5 36.9 -3	69.4 27.5 -2	75.3 18.2 -1	81.2 8.9 1	87.1 -0.4 2	91.4 -8.7 5	49.5 72.9 -2	55.4 63.5 -1	61.3 54.2 1	67.2 44.9 2	73.1 35.6 3	79.1 26.3 4	85.0 17.0 6	90.9 7.6 7	96.2 -1.8 13	55.5 64.7 -7	51.7 55.5 -6	47.8 46.3 -5	44.0 37.1 -4	40.1 27.9 -2	36.3 18.7 -1	32.5 9.6 0	28.6 0.4 1	23.1 -7.7 3	18.9 0.5 1	48.7 65.2 41	90.9 -10.8 89	52.7 -65.4 22
27	42.2 56.6 -20	48.3 47.7 -19	54.4 38.9 -17	60.6 30.2 -15	66.9 21.8 -13	73.3 13.5 -11	79.8 5.6 -9	83.5 -0.8 -9	87.6 -7.7 -9	45.5 64.4 -15	51.5 55.2 -14	57.5 46.1 -12	63.5 37.0 -11	69.5 28.0 -9	75.7 19.2 -7	81.9 10.6 -6	88.3 2.5 -3	92.2 -4.1 -4	49.6 74.0 -8	55.5 64.7 -7	61.4 55.4 -6	67.3 46.0 -4	73.2 36.7 -3	79.2 27.4 -2	85.1 18.1 0	91.0 8.8 1	96.9 -0.6 2	49.6 74.0 -8	45.7 64.8 -7	41.9 55.6 -6	38.1 46.4 -5	34.2 37.3 -4	30.4 28.1 -3	26.6 18.9 -1	22.7 9.7 0	18.9 0.5 1	96.9 -0.6 2	59.6 -29.0 -45	28.4 24.0 -43	49.6 74.0 -8

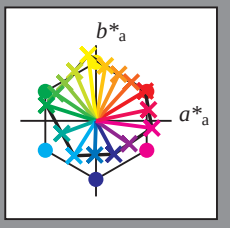
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System ORS19_96a
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

ORS19_96a; adapted (a) CIELAB data

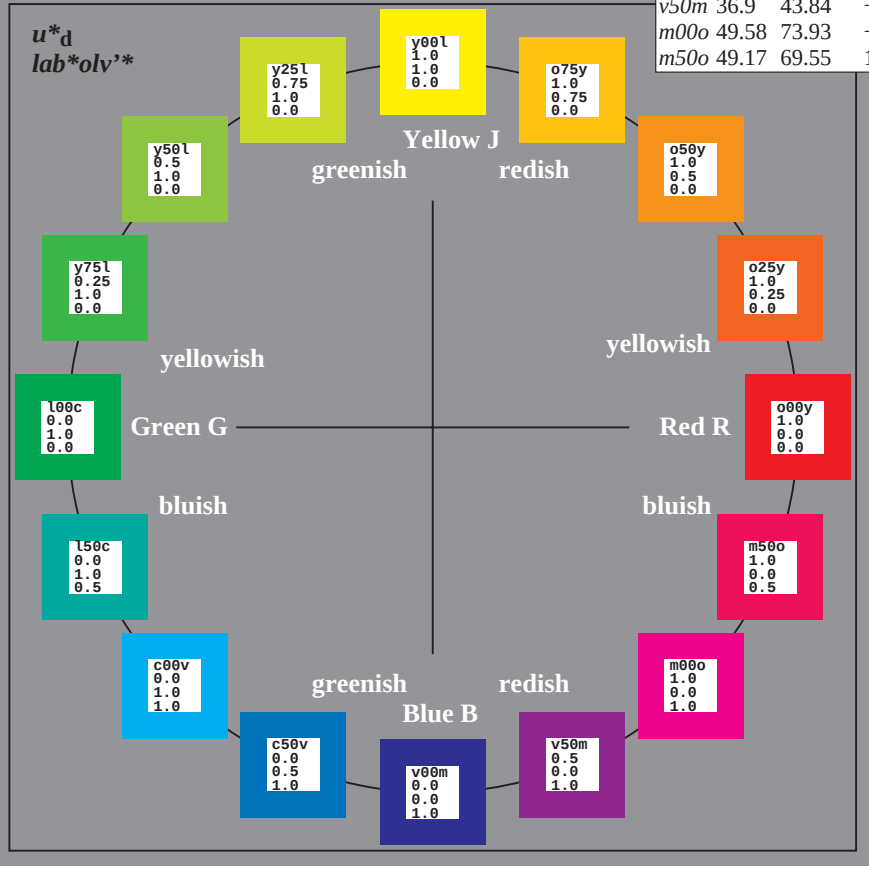
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

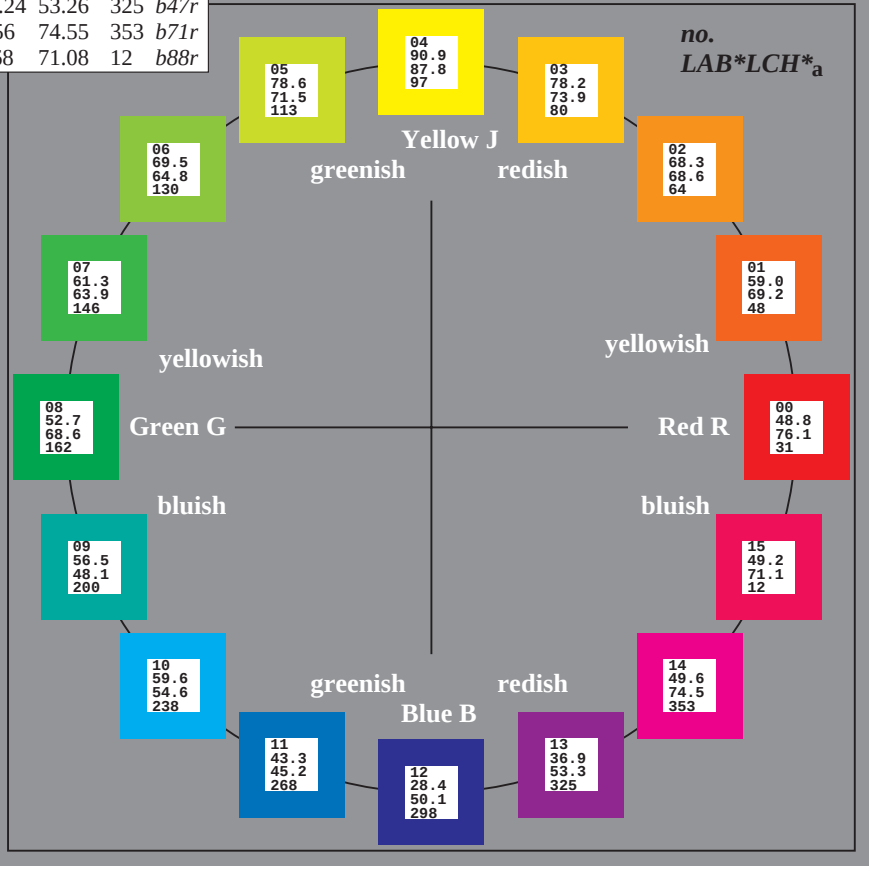


%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

ORS19_96a; CIELAB data

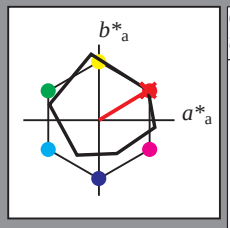
Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r08j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

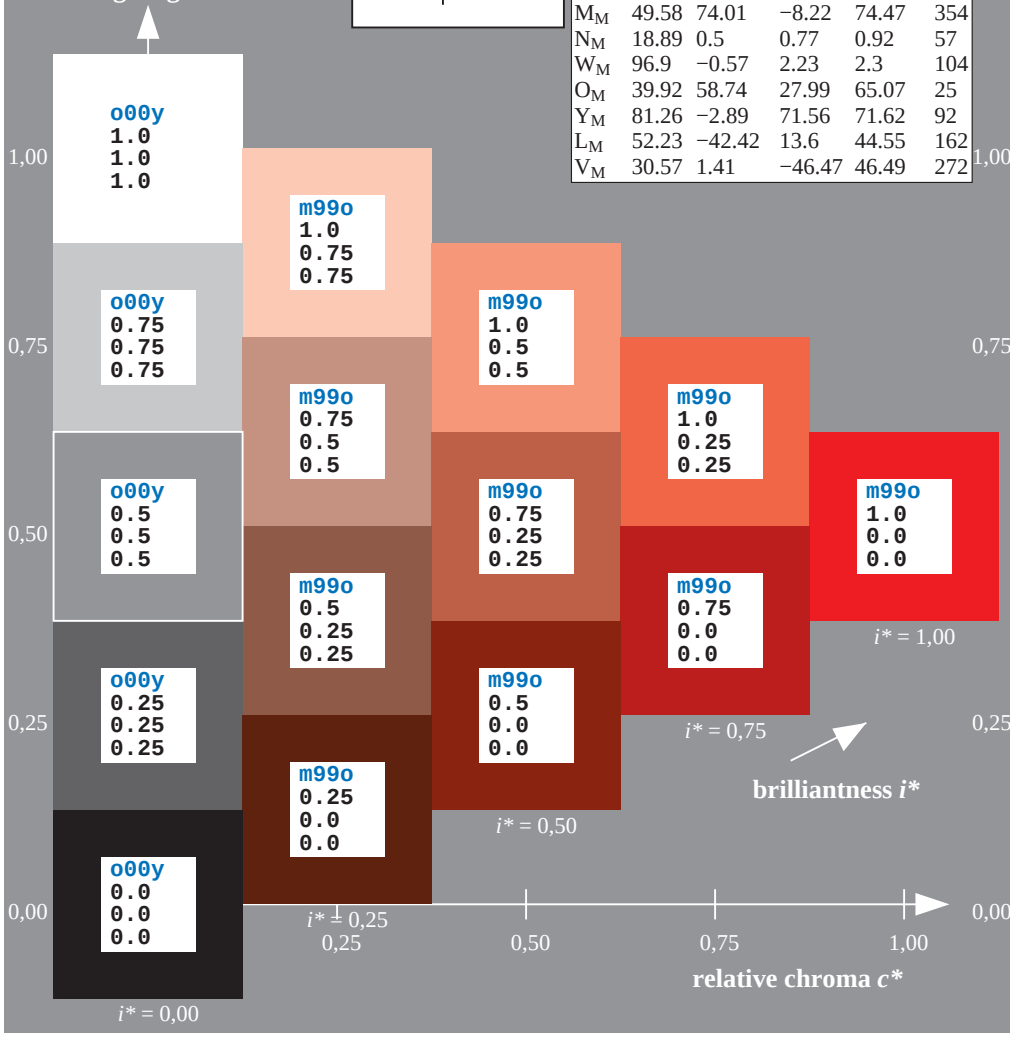
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 65 39
*LAB*LCH**$_{Ma}$: 49 76 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

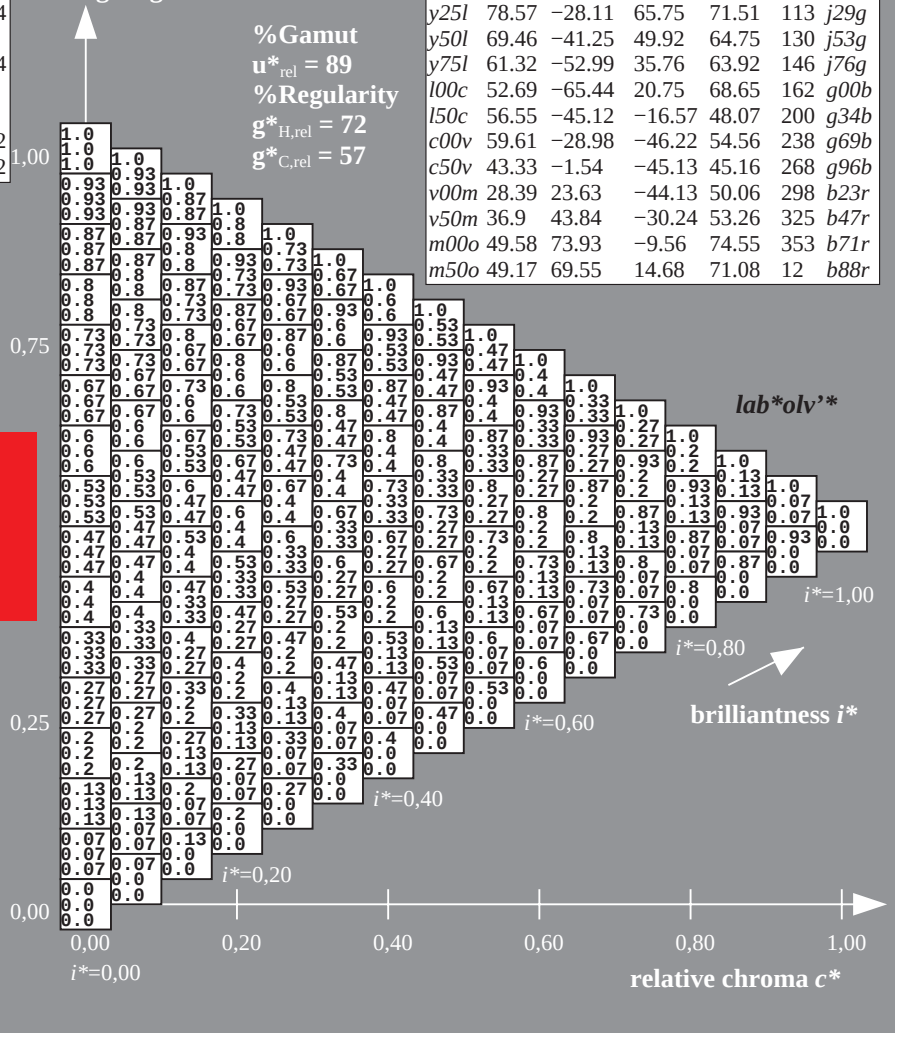
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *o00y*
*lab*olv'**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



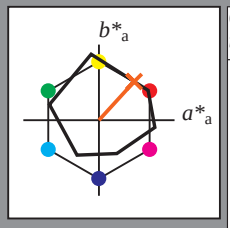


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o25y$ $u^*_e = r33j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

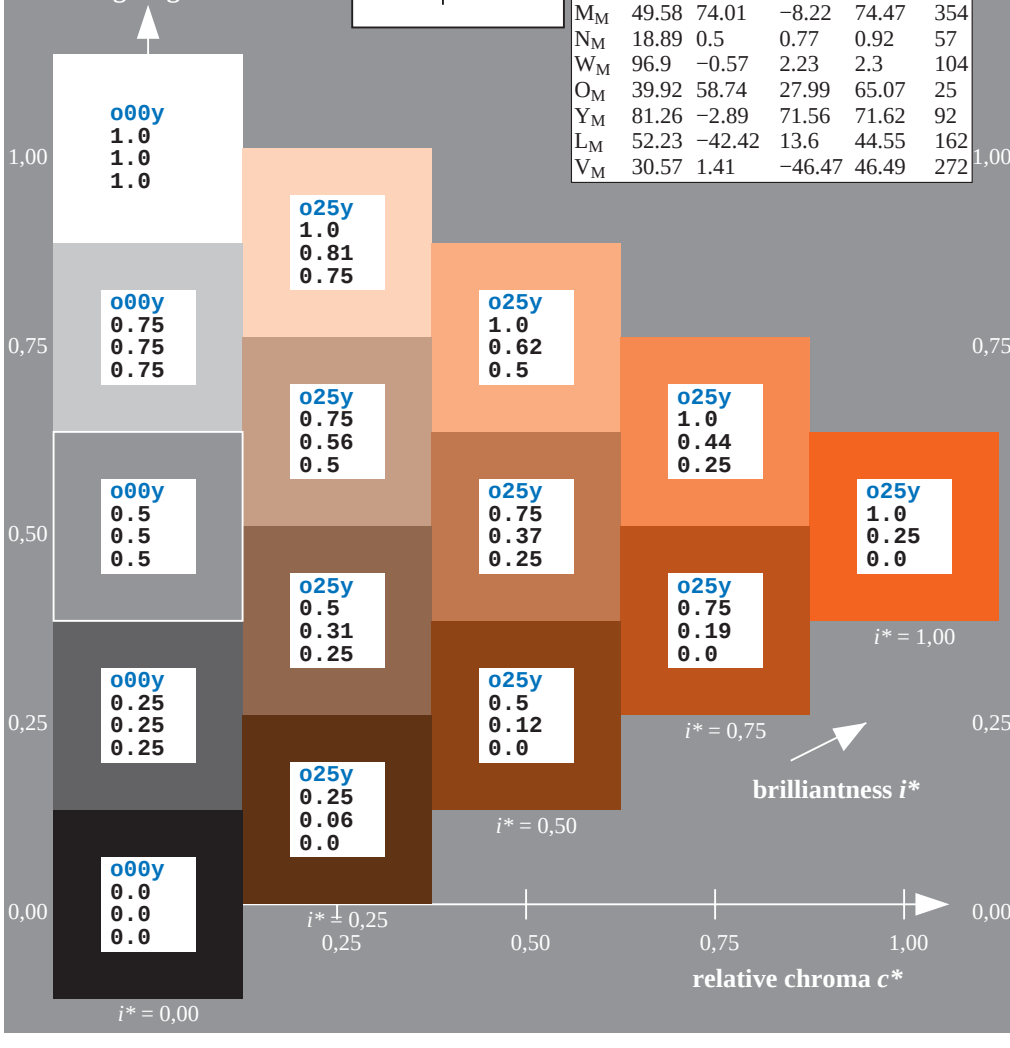
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 47 51
*LAB*LCH**$_{Ma}$: 59 69 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

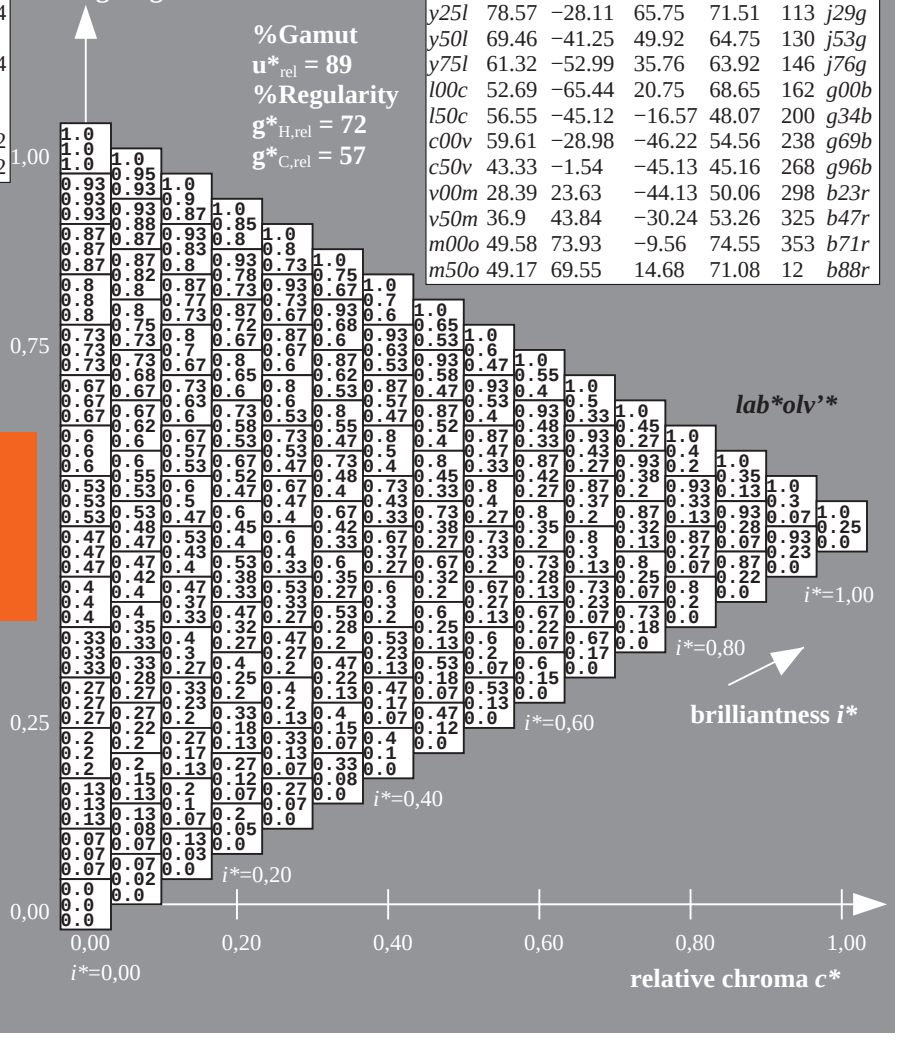
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = o25y$
*lab*olv'**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



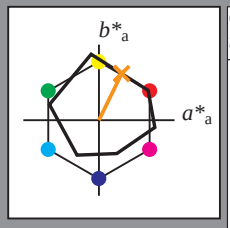


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o50y$ $u^*_e = r57j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

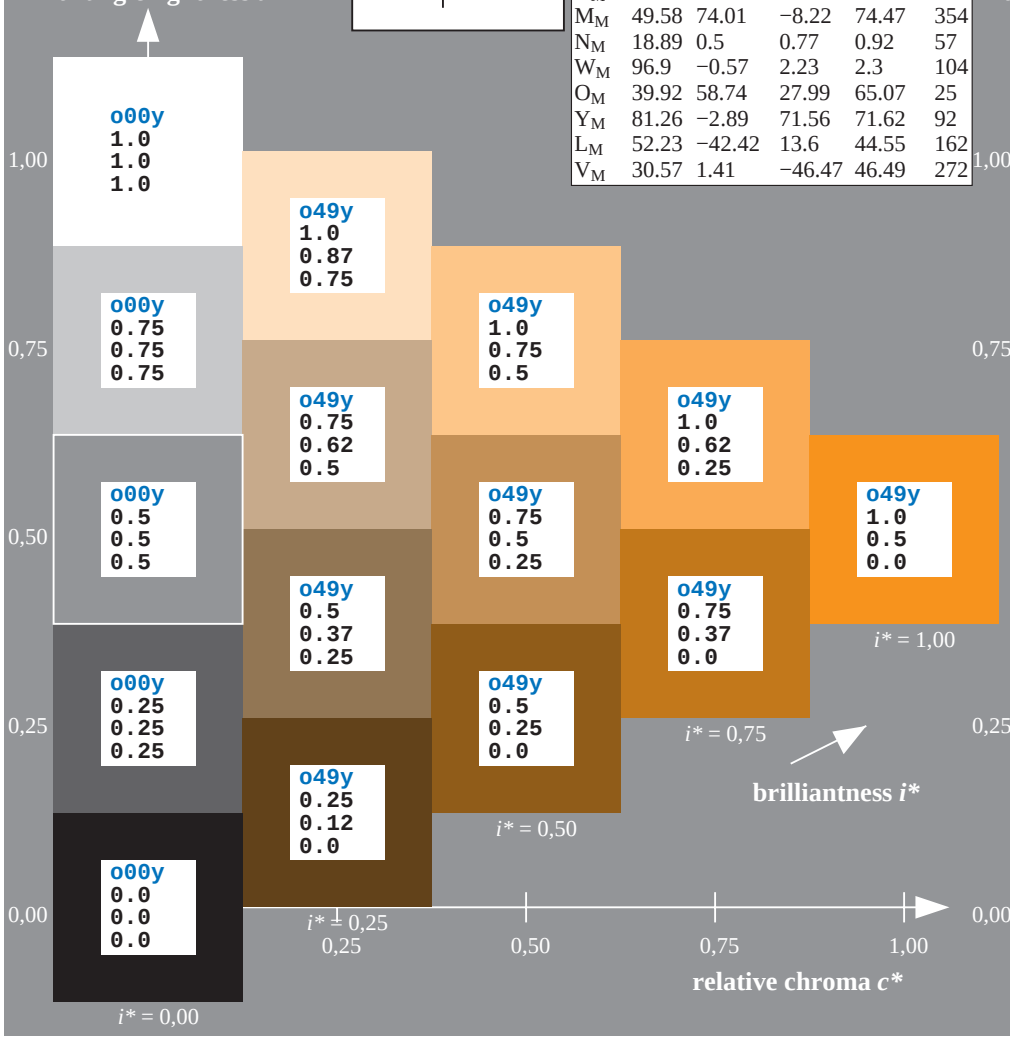
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 68 30 62**
***LAB*LCH*Ma*: 68 69 63**
***lab*olv*Ma*: 1.0 0.5 0.0**
***lab*rgb*Ma*: 1.0 0.58 0.0**
triangle lightness *t**

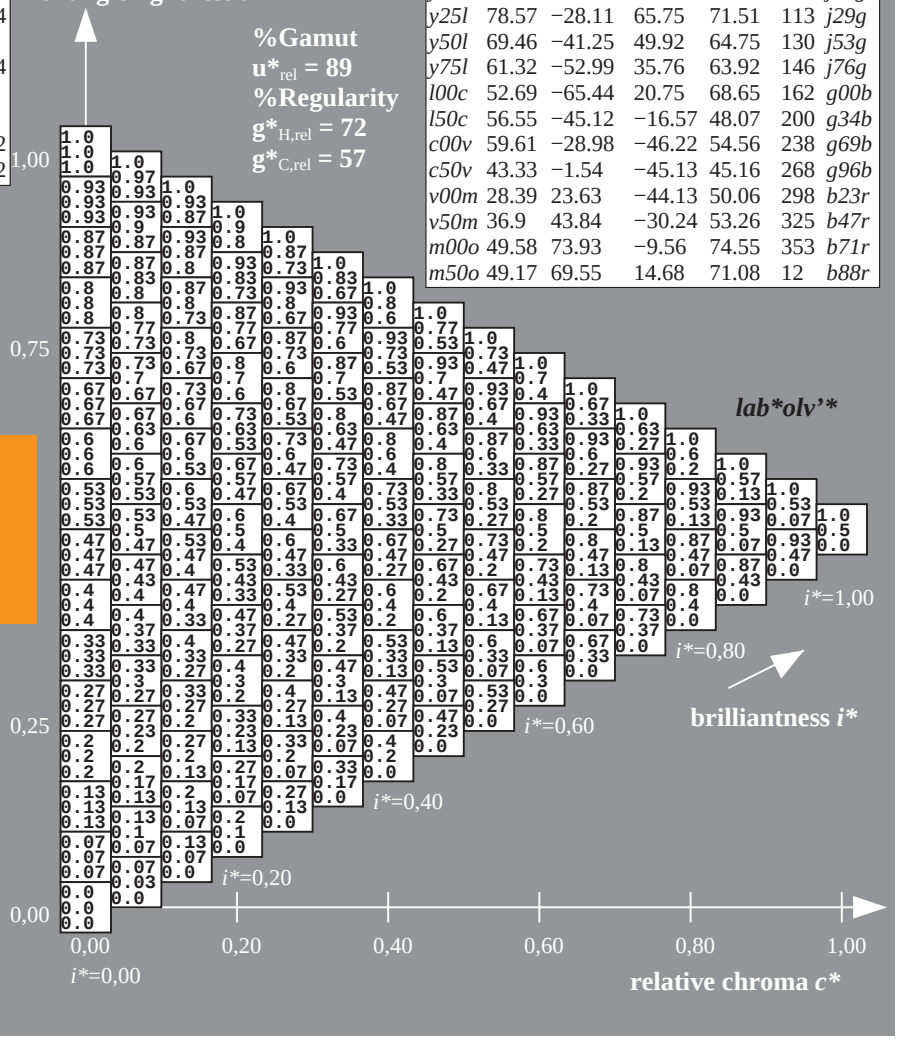
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = o50y$
lab*olv'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



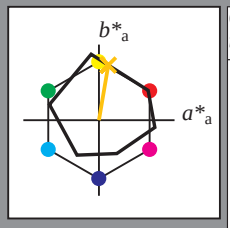


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r81j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

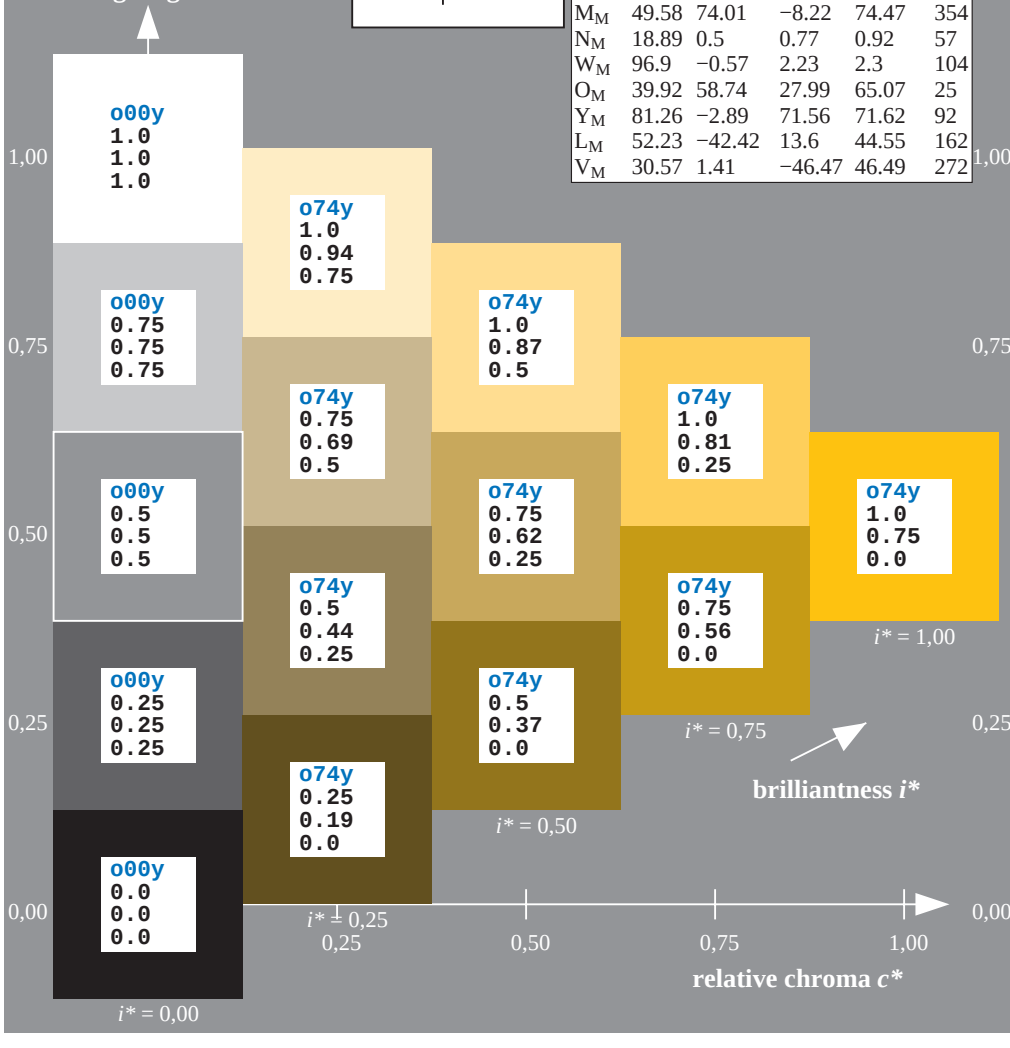
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 78 12 73
*LAB*LCH**$_{Ma}$: 78 74 80
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.82 0.0
triangle lightness *t**

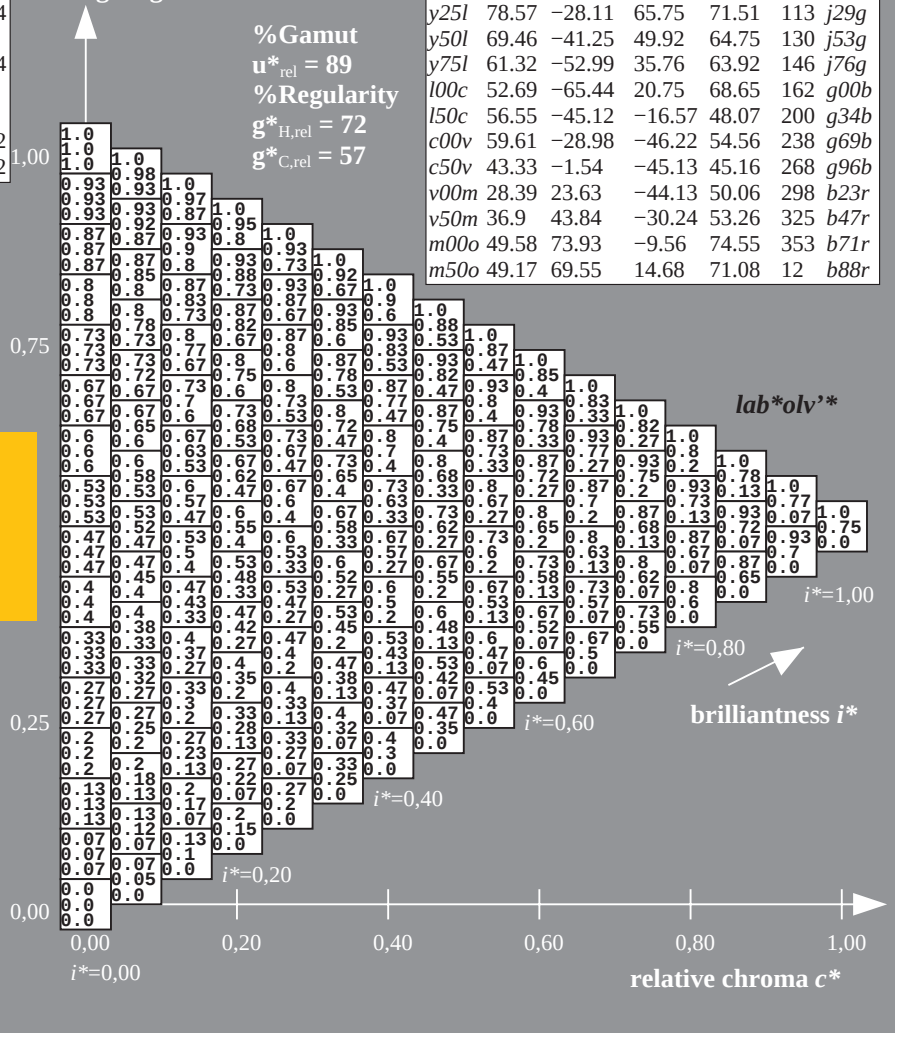
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = o75y$
*lab*olv'**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



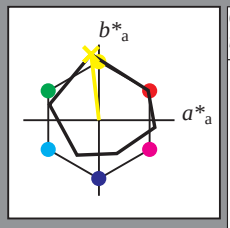


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j06g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

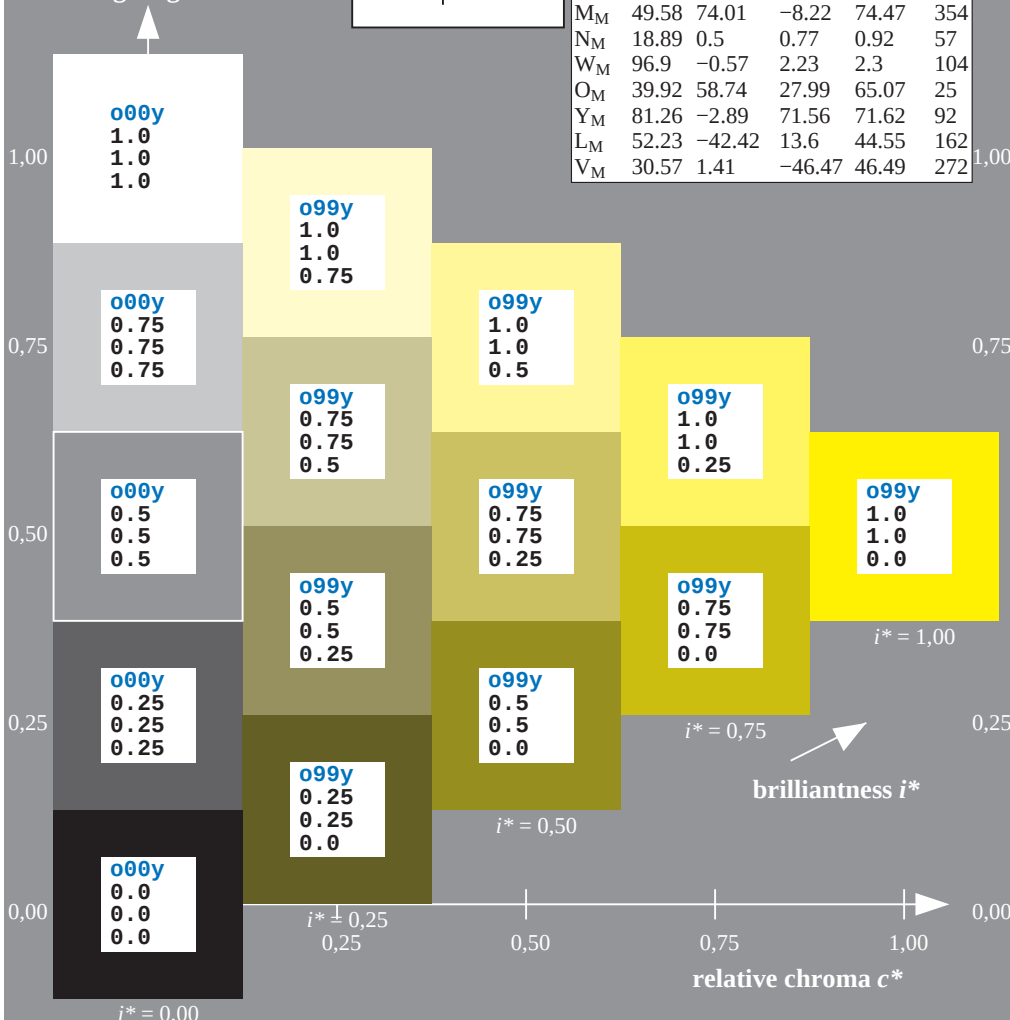
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 91 −10 87**
***LAB*LCH*Ma*: 91 88 96**
***lab*olv*Ma*: 1.0 1.0 0.0**
***lab*rgb*Ma*: 0.94 1.0 0.0**
triangle lightness *t**

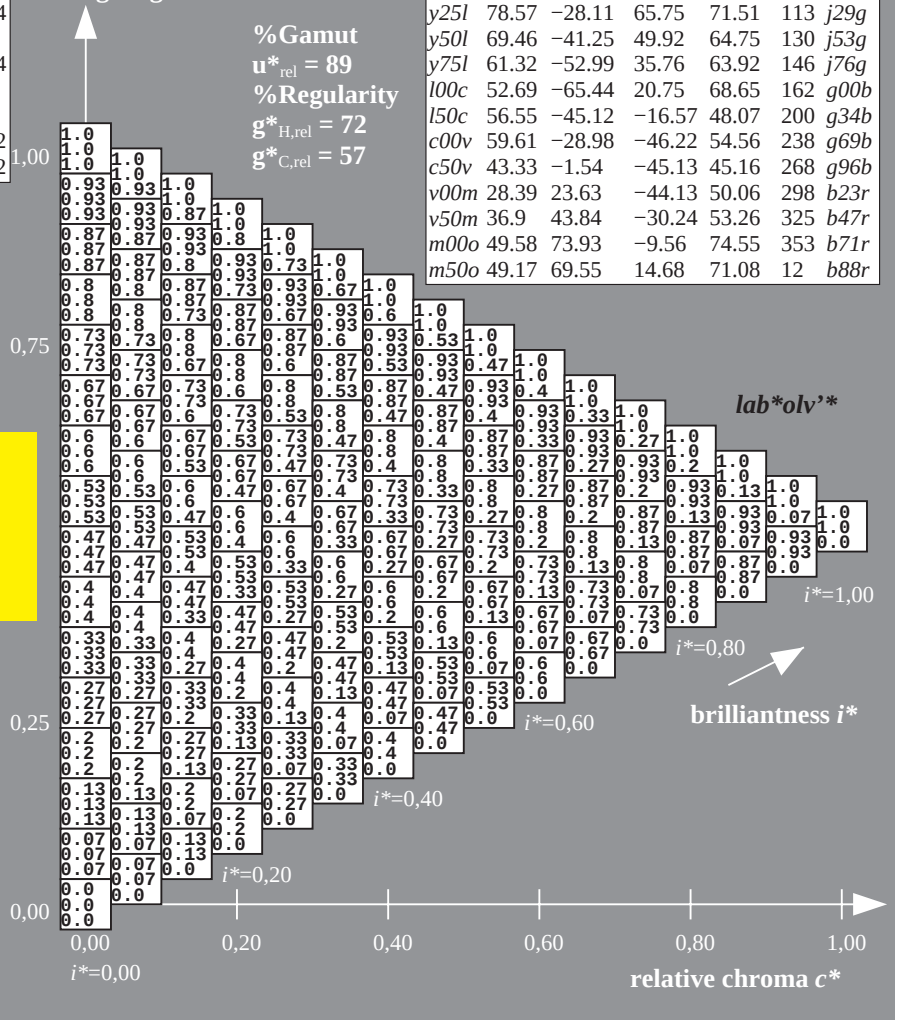
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y00l$
lab*olv'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



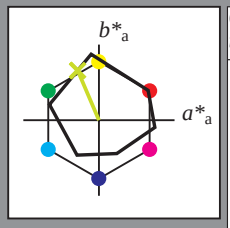


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j29g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

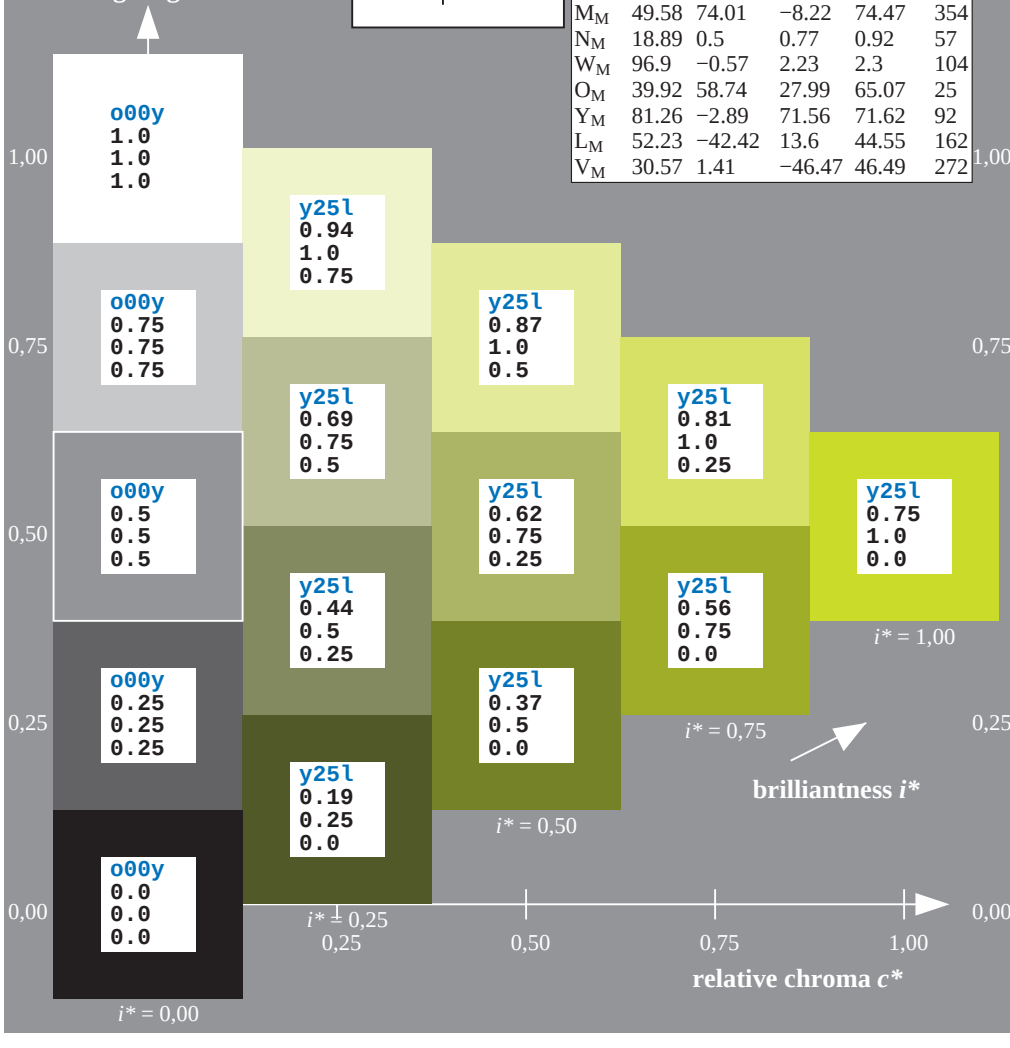
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 79 −28 66
*LAB*LCH**$_{Ma}$: 79 72 113
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.7 1.0 0.0
triangle lightness *t**

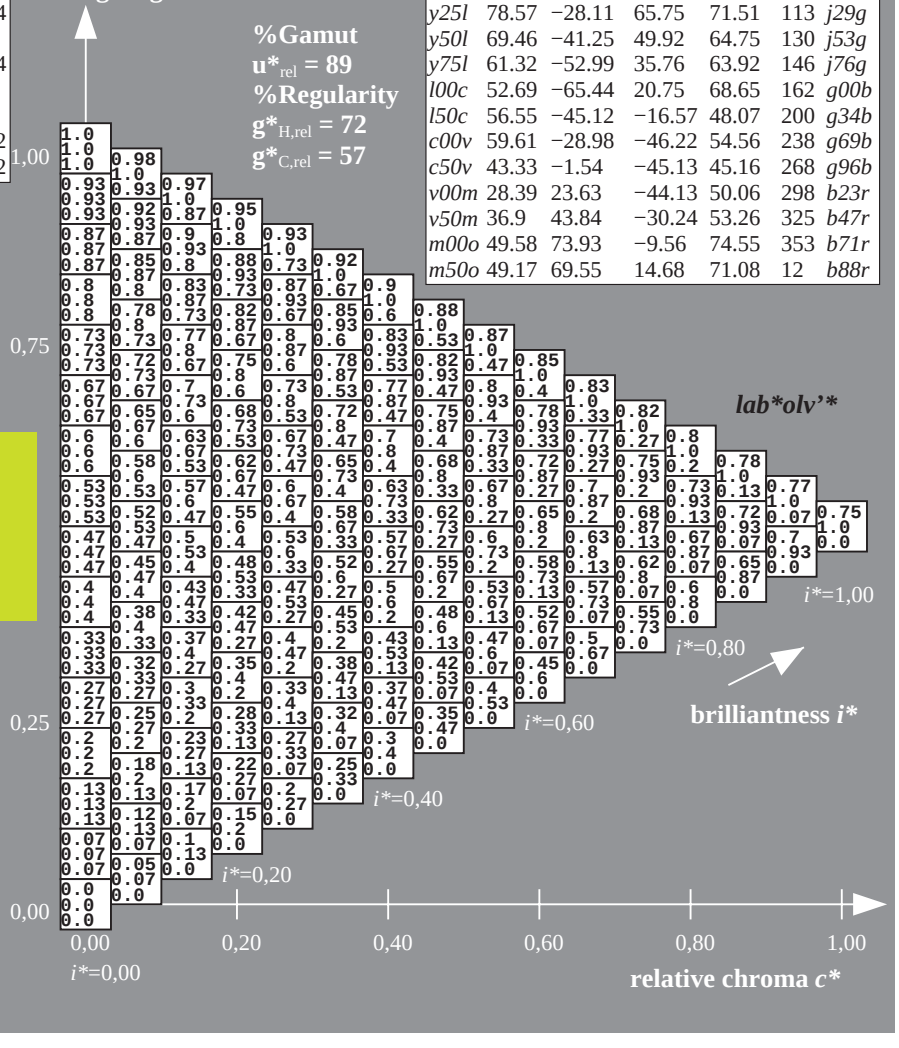
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y25l$
*lab*olv'**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



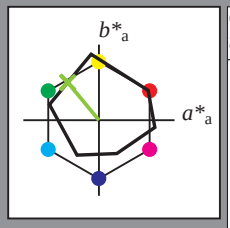


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS19_96a; CIELAB data

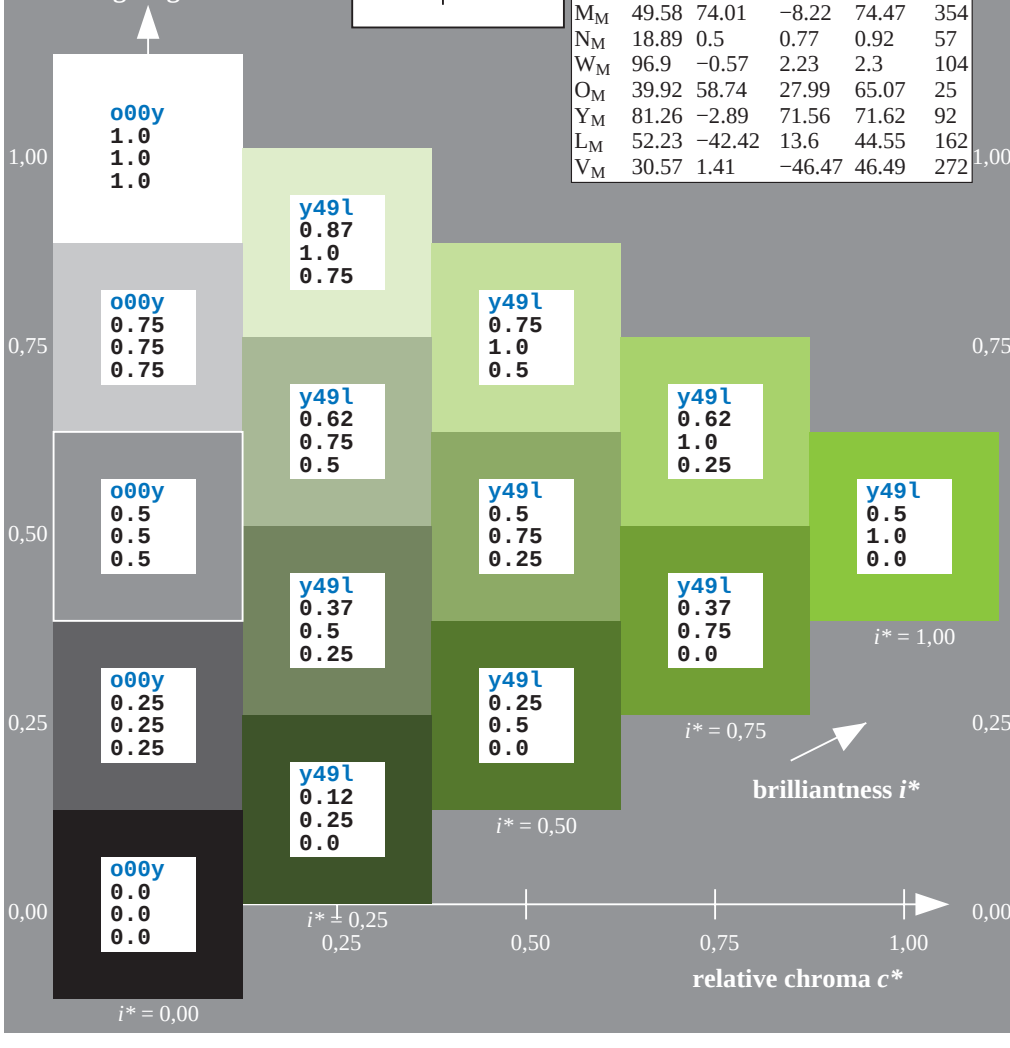
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 69 −41 50
$LAB^*LCH^*_{Ma}$: 69 65 129
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.47 1.0 0.0
triangle lightness t^*

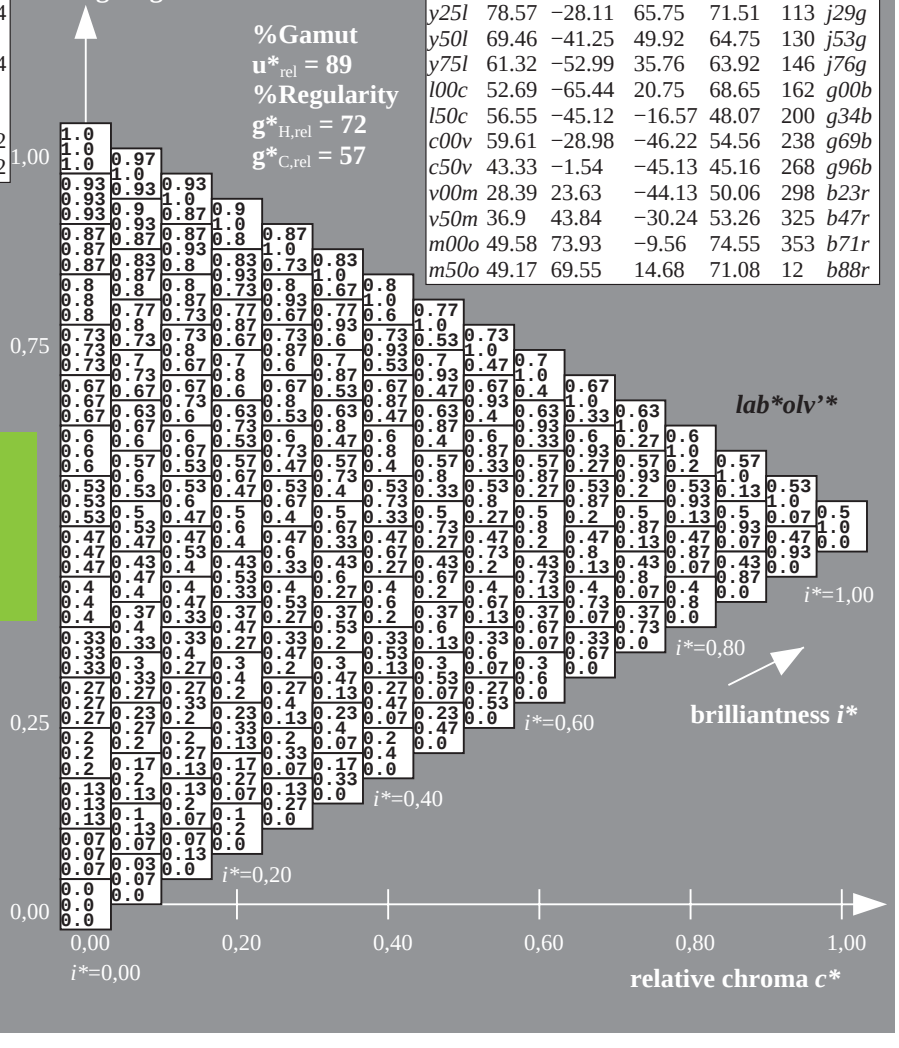
$u^*_d = y50l$
$lab^*olv'^*$

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



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

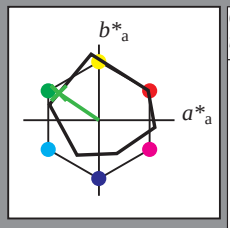


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

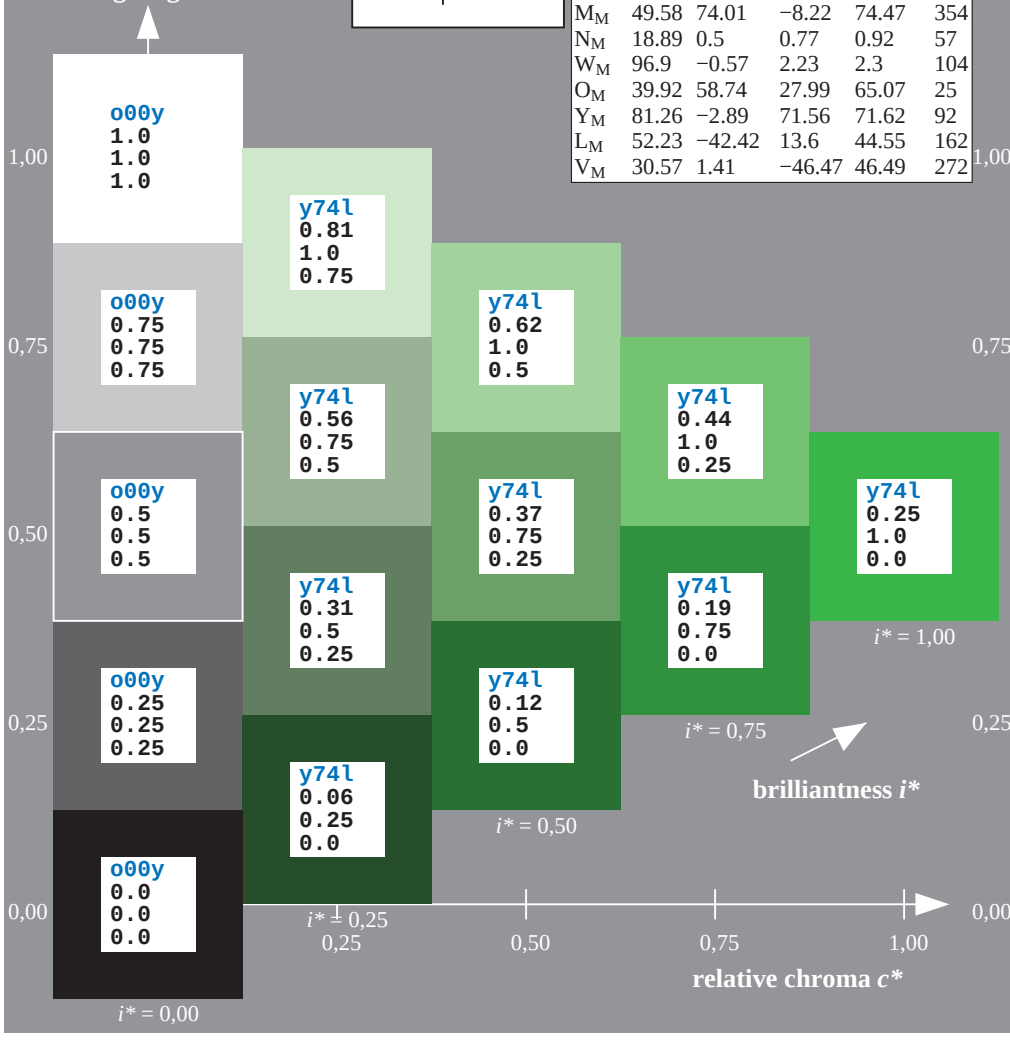
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 61 −53 36**
***LAB*LCH*Ma*: 61 64 145**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.23 1.0 0.0**
triangle lightness *t**

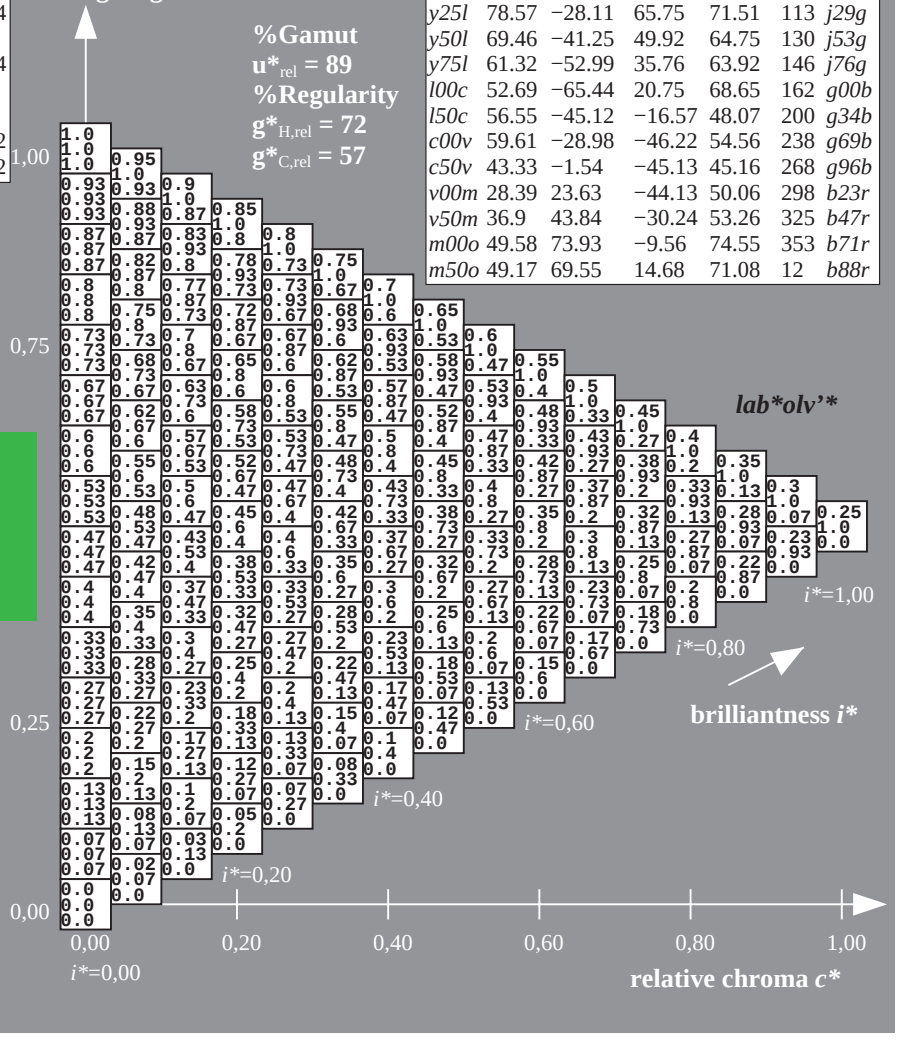
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y75l$
lab*olv'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

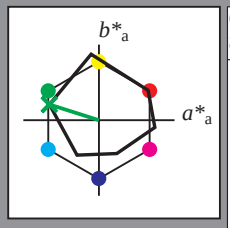
$u^*_d = l00c$
$lab^*olv'^*$

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

Hue texts:
$u^*_d = l00c$ $u^*_e = g00b$

contrast reduction factor:
$c_R = 1.0$

triangle lightness t^*



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

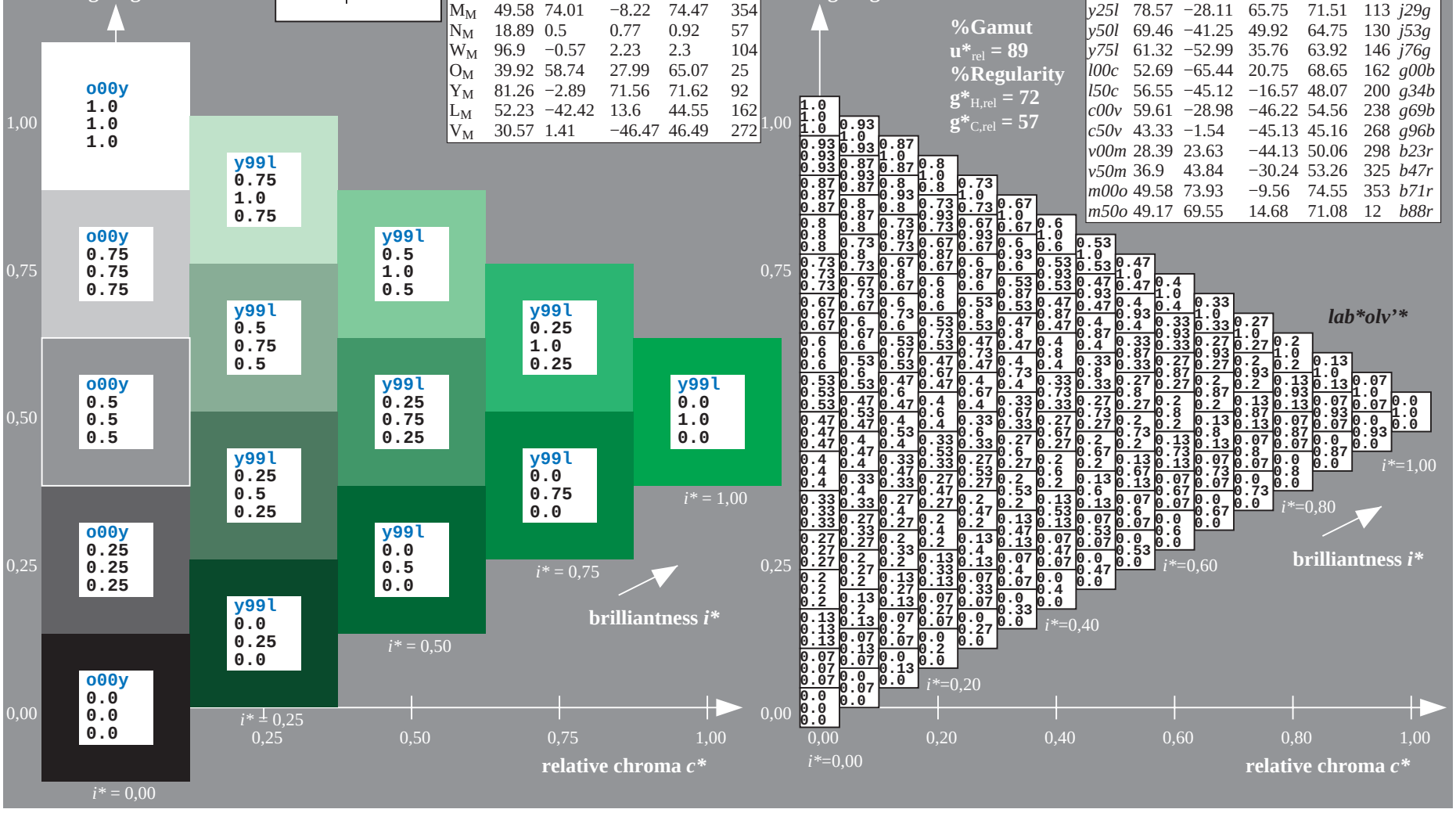
$LAB^*LAB^*_{Ma}$: 53 −65 21
$LAB^*LCH^*_{Ma}$: 53 69 162
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0

triangle lightness t^*

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

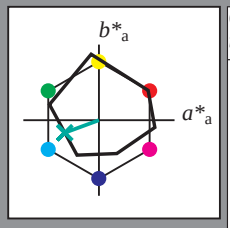


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$

$u^*_d = l50c$
lab*olv'*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g34b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

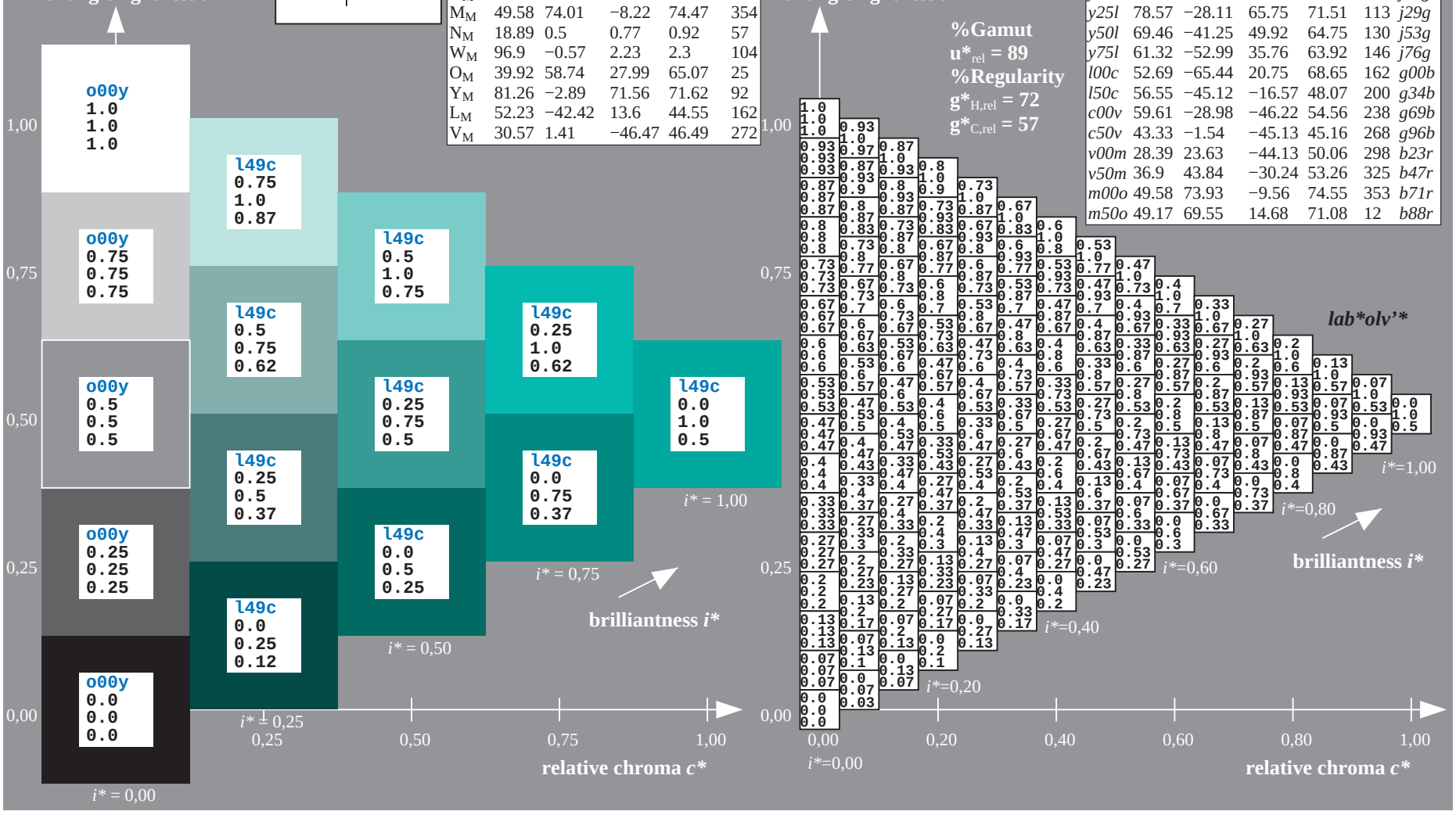
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.44	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 57 −45 −17**
***LAB*LCH*Ma*: 57 48 200**
***lab*olv*Ma*: 0.0 1.0 0.5**
***lab*rgb*Ma*: 0.0 1.0 0.69**
triangle lightness *t**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

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

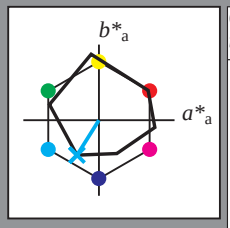


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

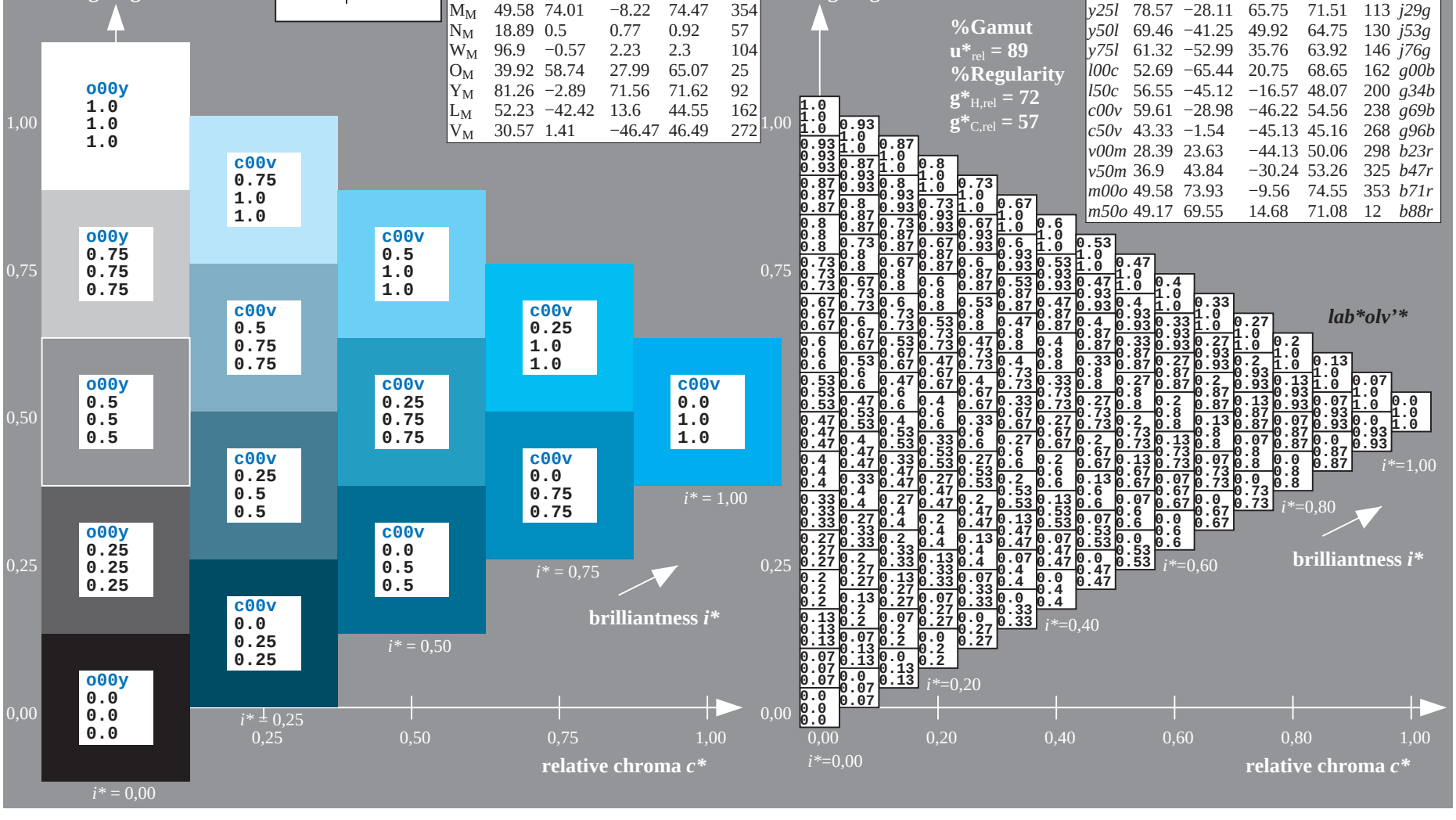
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −29 −46
*LAB*LCH**$_{Ma}$: 60 55 237
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.62 1.0
triangle lightness t^*

$u^*_d = c00v$
*lab*olv'**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

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

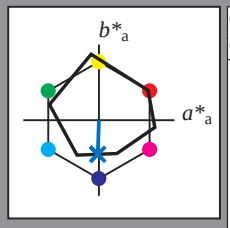


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

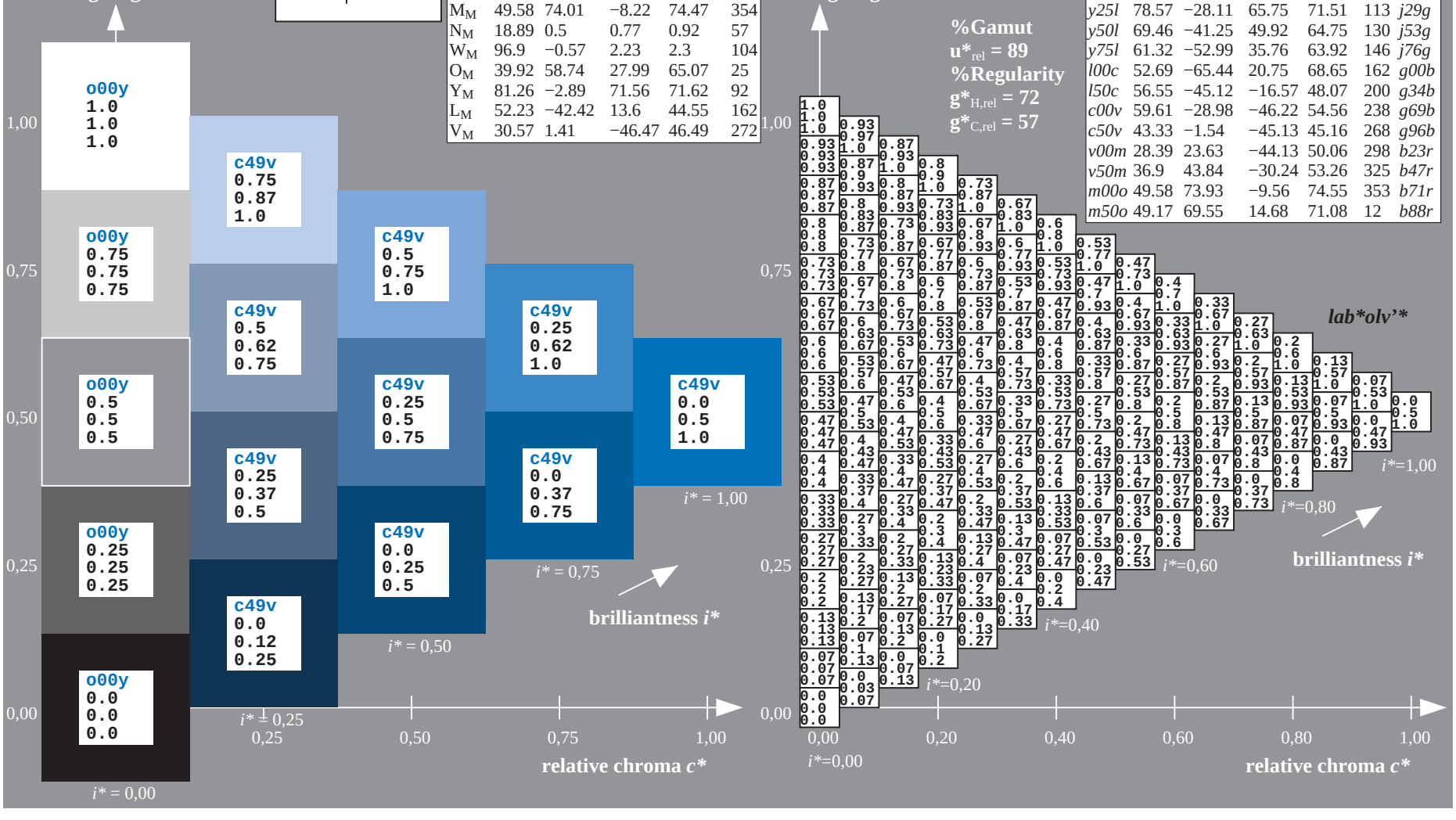
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 43 −2 −45**
***LAB*LCH*Ma*: 43 45 268**
***lab*olv*Ma*: 0.0 0.5 1.0**
***lab*rgb*Ma*: 0.0 0.07 1.0**
triangle lightness *t**

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

$u^*_d = c50v$
lab*olv'*

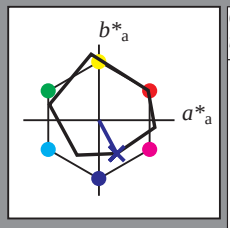
ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b23r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

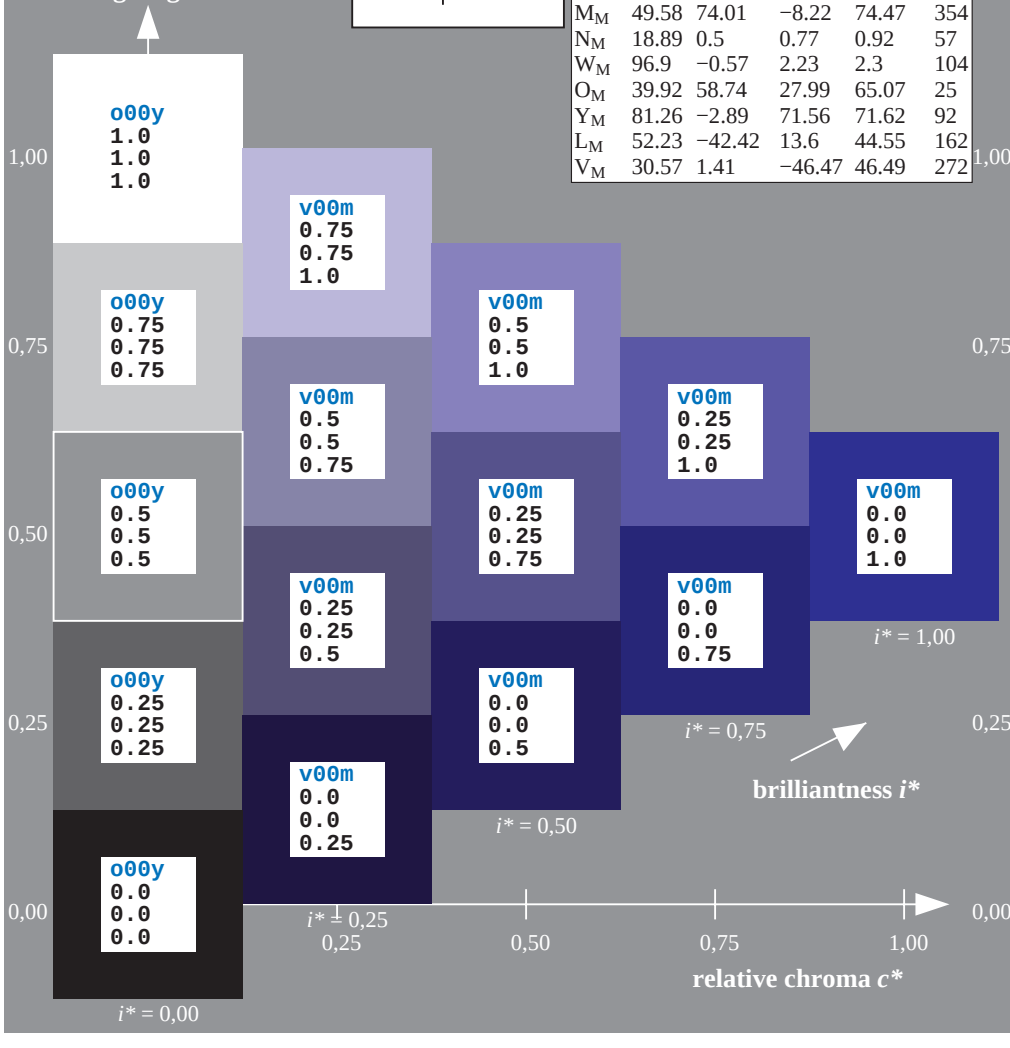
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 28 24 −44
*LAB*LCH**$_{Ma}$: 28 50 298
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.46 0.0 1.0
triangle lightness *t**

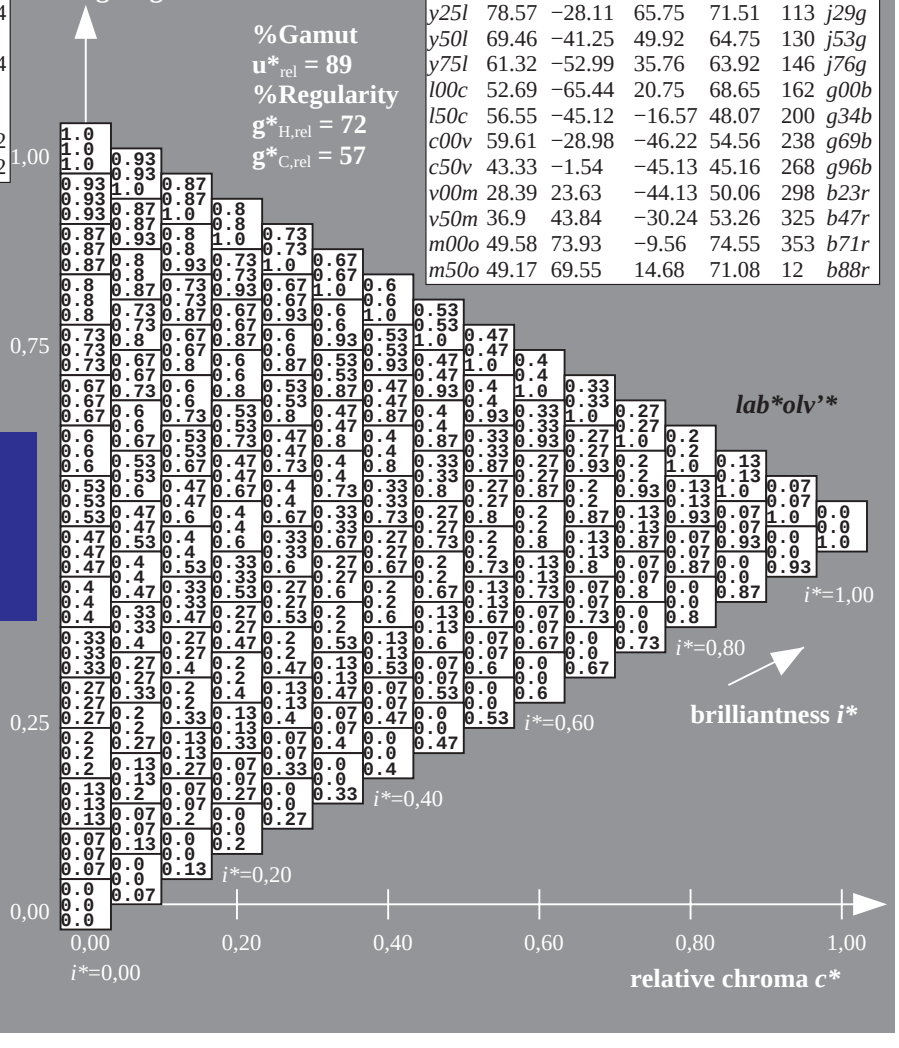
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *v00m*
*lab*olv'**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





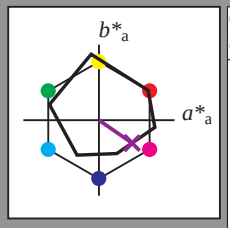
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$

$u^*_d = v50m$
$lab^*olv'^*$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



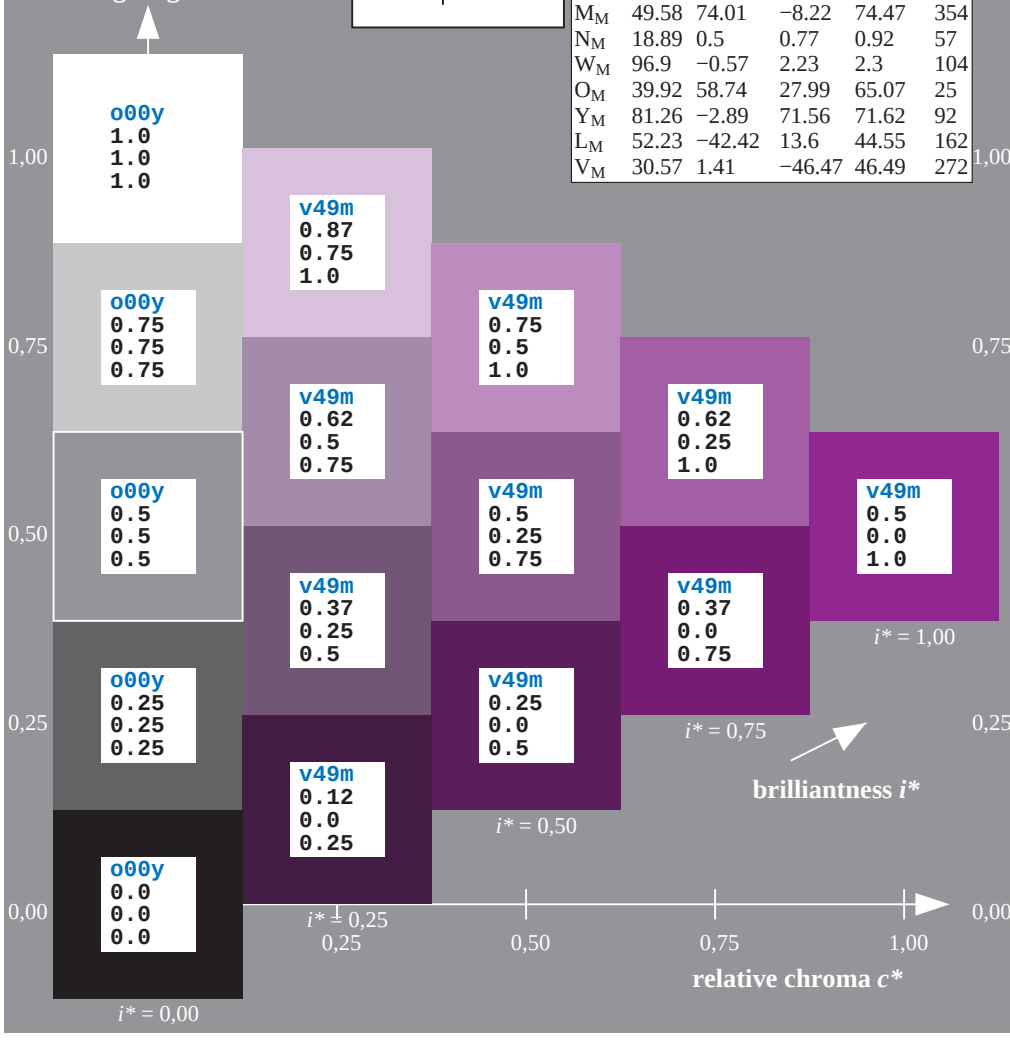
ORS19_96a; CIELAB data

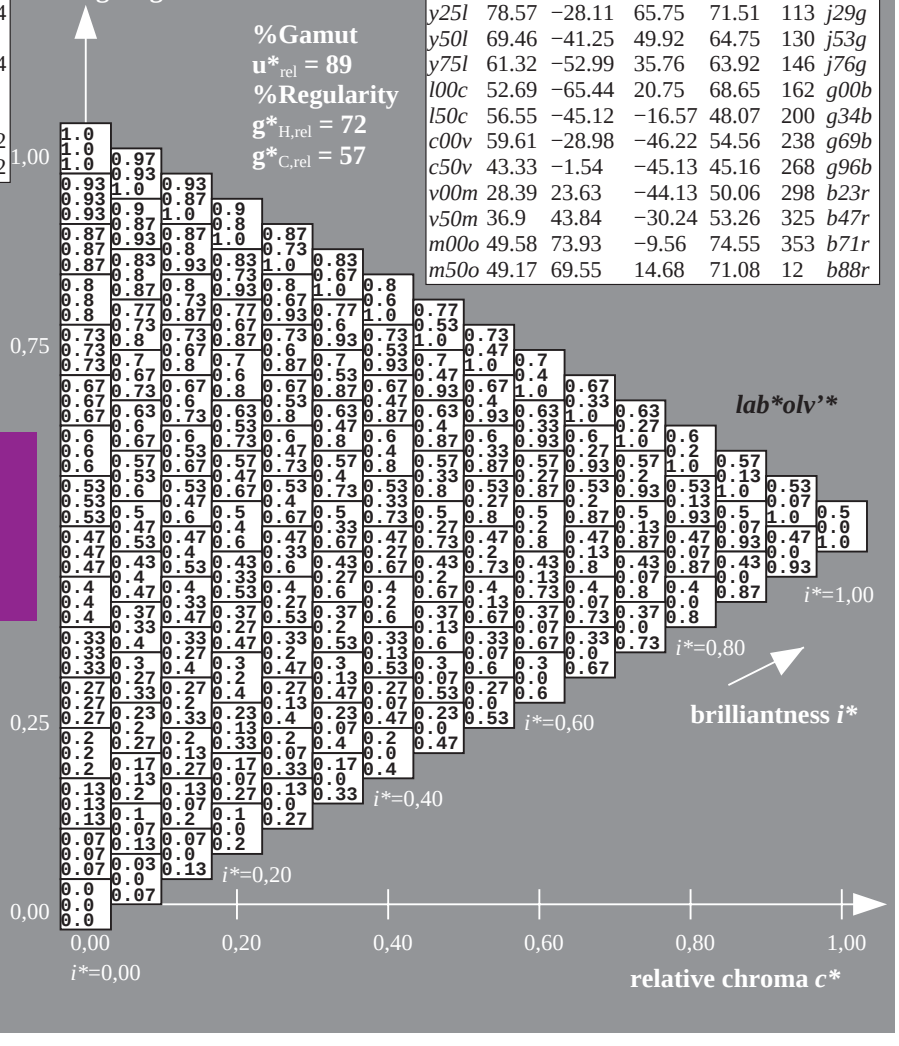
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 37 44 −30
$LAB^*LCH^*_{Ma}$: 37 53 325
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.94 0.0 1.0
triangle lightness t^*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



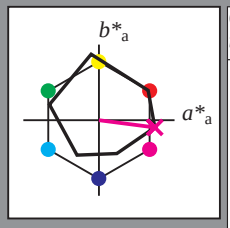


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

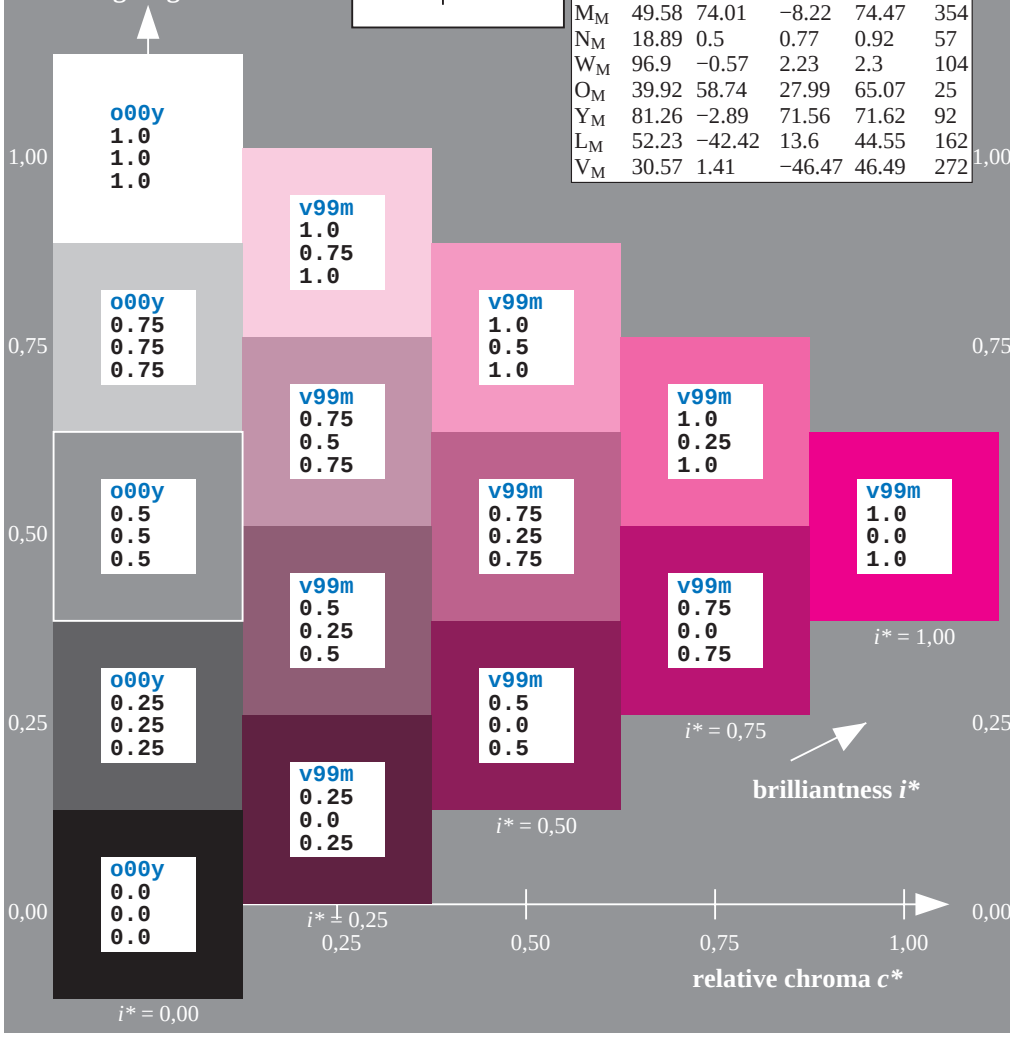
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 50 74 −10
*LAB*LCH**$_{Ma}$: 50 75 352
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.58
triangle lightness *t**

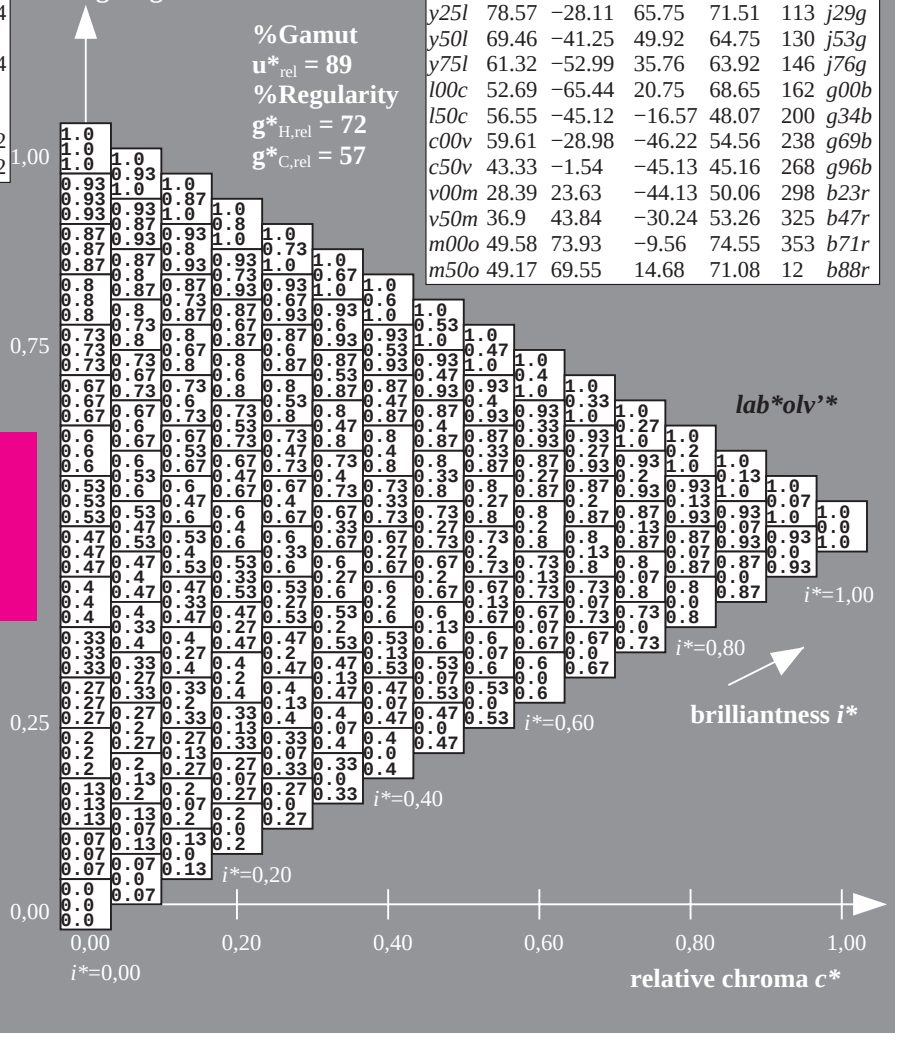
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *m00o*
*lab*olv'**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





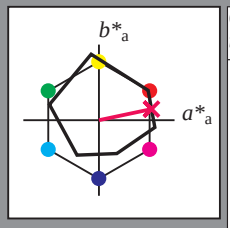
See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

$u^*_d = m50o$
$lab^*olv'^*$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b88r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

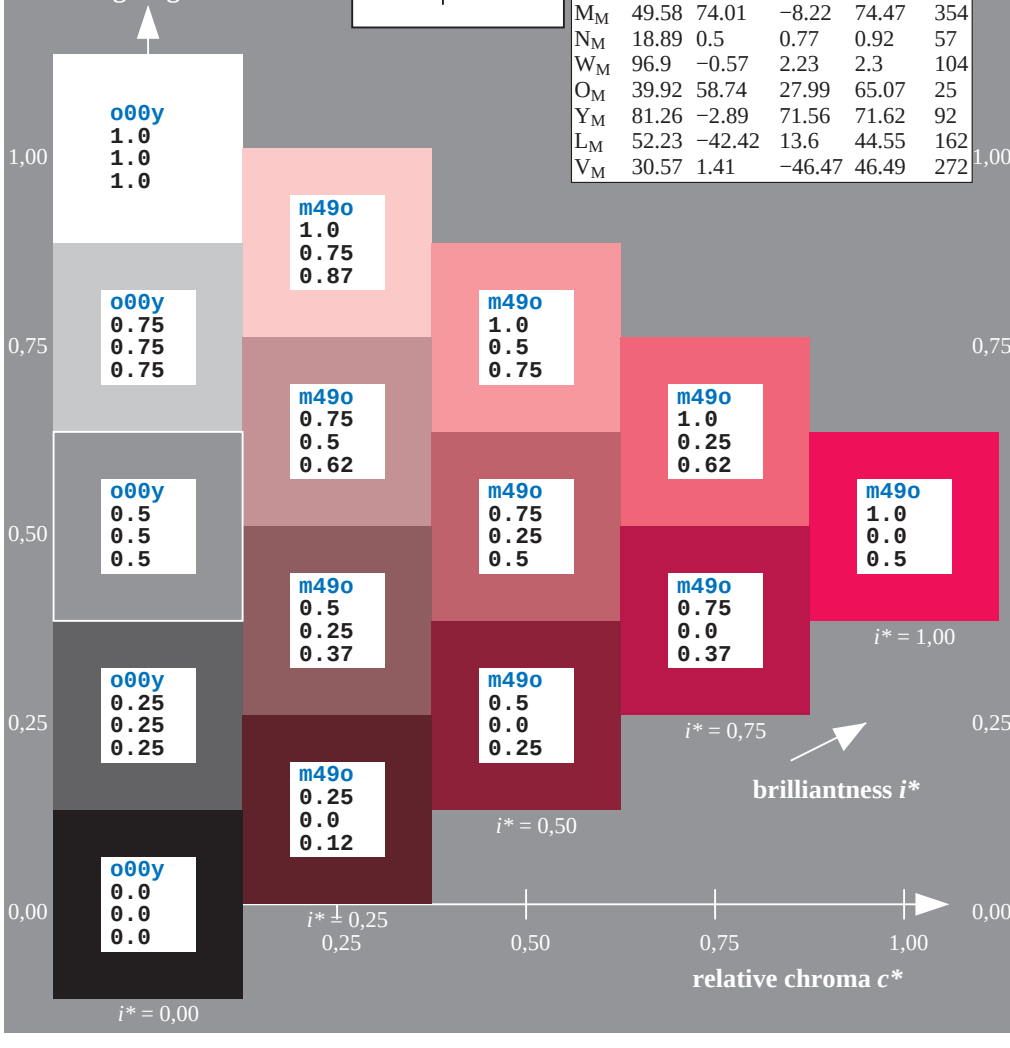
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

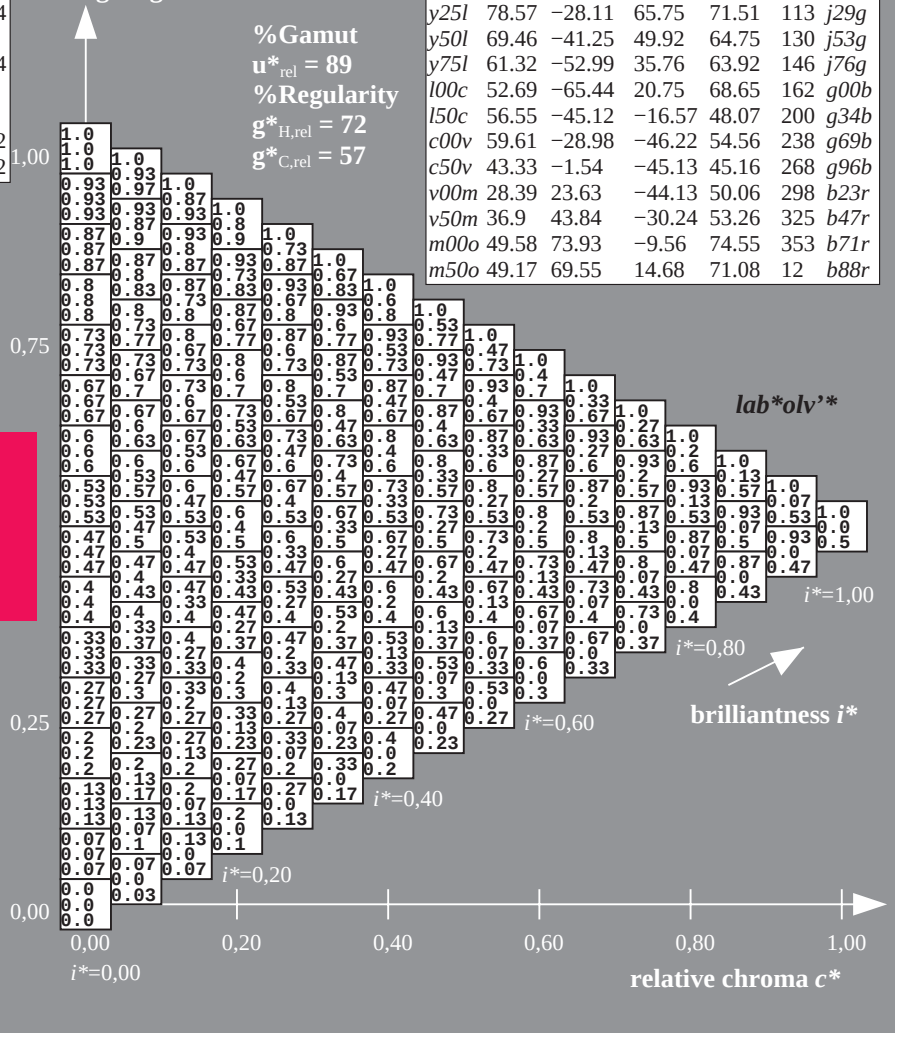
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 70 15
*LAB*LCH**$_{Ma}$: 49 71 11
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.24
triangle lightness *t**

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

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M
01	0.0 0.0 0.0	0.0 0.13 0.0	0.0 0.25 0.0	0.0 0.38 0.0	0.0 0.5 0.0	0.0 0.63 0.0	0.0 0.75 0.0	0.0 0.88 0.0	0.0 1.0 0.0	0.13 0.0 0.0	0.12 0.13 0.0	0.12 0.25 0.0	0.12 0.38 0.0
02	0.0 0.0 0.13	0.0 0.12 0.13	0.0 0.25 0.12	0.0 0.38 0.12	0.0 0.5 0.12	0.0 0.63 0.12	0.0 0.75 0.12	0.0 0.88 0.12	0.0 1.0 0.12	0.12 0.0 0.13	0.13 0.13 0.13	0.13 0.25 0.13	0.13 0.38 0.13
03	0.0 0.0 0.25	0.0 0.12 0.25	0.0 0.25 0.25	0.0 0.38 0.25	0.0 0.5 0.25	0.0 0.63 0.25	0.0 0.75 0.25	0.0 0.88 0.25	0.0 1.0 0.25	0.12 0.0 0.25	0.13 0.13 0.25	0.13 0.25 0.25	0.13 0.38 0.25
04	0.0 0.0 0.38	0.0 0.12 0.38	0.0 0.25 0.38	0.0 0.37 0.38	0.0 0.5 0.37	0.0 0.63 0.37	0.0 0.75 0.37	0.0 0.88 0.37	0.0 1.0 0.37	0.12 0.0 0.38	0.13 0.13 0.38	0.13 0.25 0.38	0.13 0.37 0.38
05	0.0 0.0 0.5	0.0 0.12 0.5	0.0 0.25 0.5	0.0 0.37 0.5	0.0 0.5 0.5	0.0 0.63 0.5	0.0 0.75 0.5	0.0 0.88 0.5	0.0 1.0 0.5	0.12 0.0 0.5	0.13 0.13 0.5	0.13 0.25 0.5	0.13 0.37 0.5
06	0.0 0.0 0.63	0.0 0.12 0.63	0.0 0.25 0.63	0.0 0.37 0.63	0.0 0.5 0.63	0.0 0.62 0.63	0.0 0.75 0.62	0.0 0.88 0.62	0.0 1.0 0.62	0.12 0.0 0.63	0.13 0.13 0.63	0.13 0.25 0.63	0.13 0.37 0.63
07	0.0 0.0 0.75	0.0 0.12 0.75	0.0 0.25 0.75	0.0 0.37 0.75	0.0 0.5 0.75	0.0 0.62 0.75	0.0 0.75 0.75	0.0 0.88 0.75	0.0 1.0 0.75	0.12 0.0 0.75	0.13 0.13 0.75	0.13 0.25 0.75	0.13 0.37 0.75
08	0.0 0.0 0.88	0.0 0.12 0.88	0.0 0.25 0.88	0.0 0.37 0.88	0.0 0.5 0.88	0.0 0.62 0.88	0.0 0.75 0.88	0.0 0.87 0.88	0.0 1.0 0.87	0.12 0.0 0.88	0.13 0.13 0.88	0.13 0.25 0.88	0.13 0.37 0.88
09	0.0 0.0 1.0	0.0 0.12 1.0	0.0 0.25 1.0	0.0 0.37 1.0	0.0 0.5 1.0	0.0 0.62 1.0	0.0 0.75 1.0	0.0 0.87 1.0	0.0 1.0 1.0	0.12 0.0 1.0	0.13 0.13 1.0	0.13 0.25 1.0	0.13 0.37 1.0
10	0.38 0.0 0.0	0.38 0.12 0.0	0.38 0.25 0.0	0.37 0.38 0.0	0.37 0.5 0.0	0.37 0.63 0.0	0.37 0.75 0.0	0.37 0.88 0.0	0.37 1.0 0.0	0.5 0.0 0.0	0.5 0.12 0.0	0.5 0.25 0.0	0.5 0.37 0.0
11	0.38 0.0 0.12	0.38 0.13 0.13	0.38 0.25 0.13	0.37 0.38 0.13	0.37 0.5 0.13	0.37 0.63 0.13	0.37 0.75 0.13	0.37 0.88 0.13	0.37 1.0 0.13	0.5 0.0 0.12	0.5 0.13 0.13	0.5 0.25 0.13	0.5 0.37 0.13
12	0.38 0.0 0.25	0.38 0.13 0.25	0.38 0.25 0.25	0.37 0.38 0.25	0.37 0.5 0.25	0.37 0.63 0.25	0.37 0.75 0.25	0.37 0.88 0.25	0.37 1.0 0.25	0.5 0.0 0.25	0.5 0.13 0.25	0.5 0.25 0.25	0.5 0.37 0.25
13	0.37 0.0 0.38	0.37 0.13 0.38	0.37 0.25 0.38	0.38 0.38 0.38	0.38 0.5 0.38	0.38 0.63 0.38	0.38 0.75 0.38	0.38 0.88 0.38	0.38 1.0 0.38	0.5 0.0 0.37	0.5 0.13 0.37	0.5 0.25 0.37	0.5 0.38 0.38
14	0.37 0.0 0.5	0.37 0.13 0.5	0.37 0.25 0.5	0.38 0.38 0.5	0.38 0.5 0.5	0.38 0.63 0.5	0.38 0.75 0.5	0.38 0.88 0.5	0.38 1.0 0.5	0.5 0.0 0.5	0.5 0.13 0.5	0.5 0.25 0.5	0.5 0.38 0.5
15	0.37 0.0 0.63	0.37 0.13 0.63	0.37 0.25 0.63	0.38 0.38 0.63	0.38 0.5 0.63	0.38 0.62 0.63	0.38 0.75 0.62	0.38 0.88 0.62	0.38 1.0 0.62	0.5 0.0 0.63	0.5 0.13 0.63	0.5 0.25 0.63	0.5 0.38 0.63
16	0.37 0.0 0.75	0.37 0.13 0.75	0.37 0.25 0.75	0.38 0.38 0.75	0.38 0.5 0.75	0.38 0.62 0.75	0.38 0.75 0.75	0.38 0.88 0.75	0.38 1.0 0.75	0.5 0.0 0.75	0.5 0.13 0.75	0.5 0.25 0.75	0.5 0.38 0.75
17	0.37 0.0 0.88	0.37 0.13 0.88	0.37 0.25 0.88	0.38 0.38 0.88	0.38 0.5 0.88	0.38 0.62 0.88	0.38 0.75 0.88	0.38 0.87 0.88	0.38 1.0 0.87	0.5 0.0 0.88	0.5 0.13 0.88	0.5 0.25 0.88	0.5 0.38 0.88
18	0.37 0.0 1.0	0.37 0.13 1.0	0.37 0.25 1.0	0.38 0.38 1.0	0.38 0.5 1.0	0.38 0.62 1.0	0.38 0.75 1.0	0.38 0.87 1.0	0.38 1.0 1.0	0.5 0.0 1.0	0.5 0.13 1.0	0.5 0.25 1.0	0.5 0.38 1.0
19	0.75 0.0 0.0	0.75 0.12 0.0	0.75 0.25 0.0	0.75 0.37 0.0	0.75 0.5 0.0	0.75 0.62 0.0	0.75 0.75 0.0	0.75 0.88 0.0	0.75 1.0 0.0	0.88 0.0 0.0	0.88 0.12 0.0	0.88 0.25 0.0	0.88 0.37 0.0
20	0.75 0.0 0.12	0.75 0.13 0.13	0.75 0.25 0.13	0.75 0.37 0.13	0.75 0.5 0.13	0.75 0.62 0.13	0.75 0.75 0.13	0.75 0.88 0.13	0.75 1.0 0.13	0.88 0.0 0.12	0.88 0.13 0.13	0.88 0.25 0.13	0.88 0.37 0.13
21	0.75 0.0 0.25	0.75 0.13 0.25	0.75 0.25 0.25	0.75 0.37 0.25	0.75 0.5 0.25	0.75 0.62 0.25	0.75 0.75 0.25	0.75 0.88 0.25	0.75 1.0 0.25	0.88 0.0 0.25	0.88 0.13 0.25	0.88 0.25 0.25	0.88 0.37 0.25
22	0.75 0.0 0.37	0.75 0.13 0.37	0.75 0.25 0.37	0.75 0.38 0.38	0.75 0.5 0.38	0.75 0.62 0.38	0.75 0.75 0.38	0.75 0.88 0.38	0.75 1.0 0.38	0.88 0.0 0.37	0.88 0.13 0.37	0.88 0.25 0.37	0.88 0.38 0.38
23	0.75 0.0 0.5	0.75 0.13 0.5	0.75 0.25 0.5	0.75 0.38 0.5	0.75 0.5 0.5	0.75 0.62 0.5	0.75 0.75 0.5	0.75 0.88 0.5	0.75 1.0 0.5	0.88 0.0 0.5	0.88 0.13 0.5	0.88 0.25 0.5	0.88 0.38 0.5
24	0.75 0.0 0.62	0.75 0.13 0.62	0.75 0.25 0.62	0.75 0.38 0.62	0.75 0.5 0.62	0.75 0.63 0.63	0.75 0.75 0.63	0.75 0.88 0.63	0.75 1.0 0.63	0.88 0.0 0.62	0.88 0.13 0.62	0.88 0.25 0.62	0.88 0.38 0.62
25	0.75 0.0 0.75	0.75 0.13 0.75	0.75 0.25 0.75	0.75 0.38 0.75	0.75 0.5 0.75	0.75 0.63 0.75	0.75 0.75 0.75	0.75 0.88 0.75	0.75 1.0 0.75	0.88 0.0 0.75	0.88 0.13 0.75	0.88 0.25 0.75	0.88 0.38 0.75
26	0.75 0.0 0.88	0.75 0.13 0.88	0.75 0.25 0.88	0.75 0.38 0.88	0.75 0.5 0.88	0.75 0.63 0.88	0.75 0.75 0.88	0.75 0.87 0.88	0.75 1.0 0.87	0.87 0.0 0.88	0.87 0.13 0.88	0.87 0.25 0.88	0.87 0.38 0.88
27	0.75 0.0 1.0	0.75 0.13 1.0	0.75 0.25 1.0	0.75 0.38 1.0	0.75 0.5 1.0	0.75 0.63 1.0	0.75 0.75 1.0	0.75 0.87 1.0	0.75 1.0 1.0	0.87 0.0 1.0	0.87 0.13 1.0	0.87 0.25 1.0	0.87 0.38 1.0

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
01	0.12 0.5 0.0	0.12 0.63 0.0	0.12 0.75 0.0	0.12 0.88 0.0	0.12 1.0 0.0	0.25 0.0 0.0	0.25 0.12 0.0	0.25 0.25 0.0	0.25 0.38 0.0	0.25 0.5 0.0	0.25 0.63 0.0	0.25 0.75 0.0	0.25 0.88 0.0
02	0.13 0.5 0.13	0.13 0.63 0.13	0.13 0.75 0.13	0.13 0.88 0.13	0.13 1.0 0.13	0.25 0.0 0.12	0.25 0.13 0.13	0.25 0.25 0.13	0.25 0.38 0.13	0.25 0.5 0.13	0.25 0.63 0.13	0.25 0.75 0.13	0.25 0.88 0.13
03	0.13 0.5 0.25	0.13 0.63 0.25	0.13 0.75 0.25	0.13 0.88 0.25	0.13 1.0 0.25	0.25 0.0 0.25	0.25 0.13 0.25	0.25 0.25 0.25	0.25 0.38 0.25	0.25 0.5 0.25	0.25 0.63 0.25	0.25 0.75 0.25	0.25 0.88 0.25
04	0.13 0.5 0.37	0.13 0.63 0.37	0.13 0.75 0.37	0.13 0.88 0.37	0.13 1.0 0.37	0.25 0.0 0.38	0.25 0.13 0.38	0.25 0.25 0.38	0.25 0.37 0.38	0.25 0.5 0.37	0.25 0.63 0.37	0.25 0.75 0.37	0.25 0.88 0.37
05	0.13 0.5 0.5	0.13 0.63 0.5	0.13 0.75 0.5	0.13 0.88 0.5	0.13 1.0 0.5	0.25 0.0 0.5	0.25 0.13 0.5	0.25 0.25 0.5	0.25 0.37 0.5	0.25 0.5 0.5	0.25 0.63 0.5	0.25 0.75 0.5	0.25 0.88 0.5
06	0.13 0.5 0.63	0.13 0.62 0.63	0.13 0.75 0.62	0.13 0.88 0.62	0.13 1.0 0.62	0.25 0.0 0.63	0.25 0.13 0.63	0.25 0.25 0.63	0.25 0.37 0.63	0.25 0.5 0.63	0.25 0.62 0.63	0.25 0.75 0.62	0.25 0.88 0.62
07	0.13 0.5 0.75	0.13 0.62 0.75	0.13 0.75 0.75	0.13 0.88 0.75	0.13 1.0 0.75	0.25 0.0 0.75	0.25 0.13 0.75	0.25 0.25 0.75	0.25 0.37 0.75	0.25 0.5 0.75	0.25 0.62 0.75	0.25 0.75 0.75	0.25 0.88 0.75
08	0.13 0.5 0.88	0.13 0.62 0.88	0.13 0.75 0.88	0.13 0.87 0.88	0.13 1.0 0.87	0.25 0.0 0.88	0.25 0.13 0.88	0.25 0.25 0.88	0.25 0.37 0.88	0.25 0.5 0.88	0.25 0.62 0.88	0.25 0.75 0.88	0.25 0.87 0.88
09	0.13 0.5 1.0	0.13 0.62 1.0	0.13 0.75 1.0	0.13 0.87 1.0	0.13 1.0 1.0	0.25 0.0 1.0	0.25 0.13 1.0	0.25 0.25 1.0	0.25 0.37 1.0	0.25 0.5 1.0	0.25 0.62 1.0	0.25 0.75 1.0	0.25 0.87 1.0
10	0.5 0.5 0.0	0.5 0.63 0.0	0.5 0.75 0.0	0.5 0.88 0.0	0.5 1.0 0.0	0.63 0.0 0.0	0.63 0.12 0.0	0.63 0.25 0.0	0.63 0.37 0.0	0.63 0.5 0.0	0.62 0.63 0.0	0.62 0.75 0.0	0.62 0.88 0.0
11	0.5 0.5 0.13	0.5 0.63 0.13	0.5 0.75 0.13	0.5 0.88 0.13	0.5 1.0 0.13	0.63 0.0 0.12	0.63 0.13 0.13	0.63 0.25 0.13	0.63 0.37 0.13	0.63 0.5 0.13	0.62 0.63 0.13	0.62 0.75 0.13	0.62 0.88 0.13
12	0.5 0.5 0.25	0.5 0.63 0.25	0.5 0.75 0.25	0.5 0.88 0.25	0.5 1.0 0.25	0.63 0.0 0.25	0.63 0.13 0.25	0.63 0.25 0.25	0.63 0.37 0.25	0.63 0.5 0.25	0.62 0.63 0.25	0.62 0.75 0.25	0.62 0.88 0.25
13	0.5 0.5 0.38	0.5 0.63 0.38	0.5 0.75 0.38	0.5 0.88 0.38	0.5 1.0 0.38	0.63 0.0 0.37	0.63 0.13 0.37	0.63 0.25 0.37	0.63 0.38 0.38	0.63 0.5 0.38	0.62 0.63 0.38	0.62 0.75 0.38	0.62 0.88 0.38
14	0.5 0.5 0.5	0.5 0.63 0.5	0.5 0.75 0.5	0.5 0.88 0.5	0.5 1.0 0.5	0.63 0.0 0.5	0.63 0.13 0.5	0.63 0.25 0.5	0.63 0.38 0.5	0.63 0.5 0.5	0.62 0.63 0.5	0.62 0.75 0.5	0.62 0.88 0.5
15	0.5 0.5 0.63	0.5 0.62 0.63	0.5 0.75 0.62	0.5 0.88 0.62	0.5 1.0 0.62	0.62 0.0 0.63	0.62 0.13 0.63	0.62 0.25 0.63	0.62 0.38 0.63	0.62 0.5 0.63	0.63 0.63 0.63	0.63 0.75 0.63	0.63 0.88 0.63
16	0.5 0.5 0.75	0.5 0.62 0.75	0.5 0.75 0.75	0.5 0.88 0.75	0.5 1.0 0.75	0.62 0.0 0.75	0.62 0.13 0.75	0.62 0.25 0.75	0.62 0.38 0.75	0.62 0.5 0.75	0.63 0.63 0.75	0.63 0.75 0.75	0.63 0.88 0.75
17	0.5 0.5 0.88	0.5 0.62 0.88	0.5 0.75 0.88	0.5 0.87 0.88	0.5 1.0 0.87	0.62 0.0 0.88	0.62 0.13 0.88	0.62 0.25 0.88	0.62 0.38 0.88	0.62 0.5 0.88	0.63 0.63 0.88	0.63 0.75 0.88	0.63 0.87 0.88
18	0.5 0.5 1.0	0.5 0.62 1.0	0.5 0.75 1.0	0.5 0.87 1.0	0.5 1.0 1.0	0.62 0.0 1.0	0.62 0.13 1.0	0.62 0.25 1.0	0.62 0.38 1.0	0.62 0.5 1.0	0.63 0.63 1.0	0.63 0.75 1.0	0.63 0.87 1.0
19	0.88 0.5 0.0	0.88 0.62 0.0	0.88 0.75 0.0	0.87 0.88 0.0	0.87 1.0 0.0	1.0 0.0 0.0	1.0 0.12 0.0	1.0 0.25 0.0	1.0 0.37 0.0	1.0 0.5 0.0	1.0 0.62 0.0	1.0 0.75 0.0	1.0 0.87 0.0
20	0.88 0.5 0.13	0.88 0.62 0.13	0.88 0.75 0.13	0.87 0.88 0.13	0.87 1.0 0.13	1.0 0.0 0.12	1.0 0.13 0.13	1.0 0.25 0.13	1.0 0.37 0.13	1.0 0.5 0.13	1.0 0.62 0.13	1.0 0.75 0.13	1.0 0.87 0.13
21	0.88 0.5 0.25	0.88 0.62 0.25	0.88 0.75 0.25	0.87 0.88 0.25	0.87 1.0 0.25	1.0 0.0 0.25	1.0 0.13 0.25	1.0 0.25 0.25	1.0 0.37 0.25	1.0 0.5 0.25	1.0 0.62 0.25	1.0 0.75 0.25	1.0 0.87 0.25
22	0.88 0.5 0.38	0.88 0.62 0.38	0.88 0.75 0.38	0.87 0.88 0.38	0.87 1.0 0.38	1.0 0.0 0.37	1.0 0.13 0.37	1.0 0.25 0.37	1.0 0.38 0.38	1.0 0.5 0.38	1.0 0.62 0.38	1.0 0.75 0.38	1.0 0.87 0.38
23	0.88 0.5 0.5	0.88 0.62 0.5	0.88 0.75 0.5	0.87 0.88 0.5	0.87 1.0 0.5	1.0 0.0 0.5	1.0 0.13 0.5	1.0 0.25 0.5	1.0 0.38 0.5	1.0 0.5 0.5	1.0 0.62 0.5	1.0 0.75 0.5	1.0 0.87 0.5
24	0.88 0.5 0.62	0.88 0.63 0.63	0.88 0.75 0.63	0.87 0.88 0.63	0.87 1.0 0.63	1.0 0.0 0.62	1.0 0.13 0.62	1.0 0.25 0.62	1.0 0.38 0.62	1.0 0.5 0.62	1.0 0.63 0.63	1.0 0.75 0.63	1.0 0.87 0.63
25	0.88 0.5 0.75	0.88 0.63 0.75	0.88 0.75 0.75	0.87 0.88 0.75	0.87 1.0 0.75	1.0 0.0 0.75	1.0 0.13 0.75	1.0 0.25 0.75	1.0 0.38 0.75	1.0 0.5 0.75	1.0 0.63 0.75	1.0 0.75 0.75	1.0 0.87 0.75
26	0.87 0.5 0.88	0.87 0.63 0.88	0.87 0.75 0.88	0.88 0.88 0.88	0.88 1.0 0.88	1.0 0.0 0.87	1.0 0.13 0.87	1.0 0.25 0.87	1.0 0.38 0.87	1.0 0.5 0.87	1.0 0.63 0.87	1.0 0.75 0.87	1.0 0.88 0.88
27	0.87 0.5 1.0	0.87 0.63 1.0	0.87 0.75 1.0	0.88 0.88 1.0	0.88 1.0 1.0	1.0 0.0 1.0	1.0 0.13 1.0	1.0 0.25 1.0	1.0 0.38 1.0	1.0 0.5 1.0	1.0 0.63 1.0	1.0 0.75 1.0	1.0 0.88 1.0

	a	b	c	d	e	f	g	h	i	j	k	lab*olv'*		
01	0.25 1.0 0.0	1.0 1.0 1.0	1.0 0.88 0.88	1.0 0.75 0.75	1.0 0.63 0.63	1.0 0.5 0.5	1.0 0.38 0.38	1.0 0.25 0.25	1.0 0.13 0.13	1.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	0.25 1.0 0.13	0.88 1.0 1.0	0.88 0.88 0.88	0.88 0.75 0.75	0.88 0.63 0.63	0.88 0.5 0.5	0.88 0.38 0.38	0.88 0.25 0.25	0.88 0.13 0.13	0.88 0.0 0.0	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
03	0.25 1.0 0.25	0.75 1.0 1.0	0.75 0.87 0.88	0.75 0.75 0.75	0.75 0.63 0.63	0.75 0.5 0.5	0.75 0.38 0.38	0.75 0.25 0.25	0.75 0.13 0.13	0.75 0.0 0.0	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25
04	0.25 1.0 0.37	0.63 1.0 1.0	0.63 0.87 0.88	0.63 0.75 0.75	0.63 0.63 0.63	0.63 0.5 0.5	0.63 0.38 0.38	0.63 0.25 0.25	0.63 0.13 0.13	0.63 0.0 0.0	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38
05	0.25 1.0 0.5	0.5 1.0 1.0	0.5 0.87 0.88	0.5 0.75 0.75	0.5 0.62 0.63	0.5 0.5 0.5	0.5 0.38 0.38	0.5 0.25 0.25	0.5 0.13 0.13	0.5 0.0 0.0	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5
06	0.25 1.0 0.62	0.38 1.0 1.0	0.38 0.87 0.88	0.38 0.75 0.75	0.38 0.62 0.63	0.38 0.5 0.5	0.38 0.38 0.38	0.38 0.25 0.25	0.38 0.13 0.13	0.38 0.0 0.0	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63
07	0.25 1.0 0.75	0.25 1.0 1.0	0.25 0.87 0.88	0.25 0.75 0.75	0.25 0.62 0.63	0.25 0.5 0.5	0.25 0.37 0.38	0.25 0.25 0.25	0.25 0.13 0.13	0.25 0.0 0.0	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75
08	0.25 1.0 0.87	0.13 1.0 1.0	0.13 0.87 0.88	0.13 0.75 0.75	0.13 0.62 0.63	0.13 0.5 0.5	0.13 0.37 0.38	0.13 0.25 0.25	0.13 0.13 0.13	0.13 0.0 0.0	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88
09	0.25 1.0 1.0	0.0 1.0 1.0	0.0 0.87 0.88	0.0 0.75 0.75	0.0 0.62 0.63	0.0 0.5 0.5	0.0 0.37 0.38	0.0 0.25 0.25	0.0 0.12 0.13	0.0 0.0 0.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
10	0.62 1.0 0.0	1.0 1.0 1.0	1.0 1.0 0.88	1.0 1.0 0.75	1.0 1.0 0.63	1.0 1.0 0.5	1.0 1.0 0.38	1.0 1.0 0.25	1.0 1.0 0.13	1.0 1.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
11	0.62 1.0 0.13	0.88 0.88 1.0	0.88 0.88 0.88	0.87 0.88 0.75	0.87 0.88 0.63	0.87 0.88 0.5	0.87 0.88 0.38	0.87 0.88 0.25	0.87 0.88 0.13	0.87 0.88 0.0	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07
12	0.62 1.0 0.25	0.75 0.75 1.0	0.75 0.75 0.88	0.75 0.75 0.75	0.75 0.75 0.63	0.75 0.75 0.5	0.75 0.75 0.38	0.75 0.75 0.25	0.75 0.75 0.13	0.75 0.75 0.0	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
13	0.62 1.0 0.38	0.63 0.63 1.0	0.63 0.63 0.88	0.63 0.63 0.75	0.63 0.63 0.63	0.62 0.63 0.5	0.62 0.63 0.38	0.62 0.63 0.25	0.62 0.63 0.13	0.62 0.63 0.0	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2
14	0.62 1.0 0.5	0.5 0.5 1.0	0.5 0.5 0.88	0.5 0.5 0.75	0.5 0.5 0.63	0.5 0.5 0.5	0.5 0.5 0.38	0.5 0.5 0.25	0.5 0.5 0.13	0.5 0.5 0.0	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27
15	0.63 1.0 0.63	0.38 0.38 1.0	0.38 0.38 0.88	0.38 0.38 0.75	0.38 0.38 0.63	0.38 0.38 0.5	0.38 0.38 0.38	0.37 0.38 0.25	0.37 0.38 0.13	0.37 0.38 0.0	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33
16	0.63 1.0 0.75	0.25 0.25 1.0	0.25 0.25 0.88	0.25 0.25 0.75	0.25 0.25 0.63	0.25 0.25 0.5	0.25 0.25 0.38	0.25 0.25 0.25	0.25 0.25 0.13	0.25 0.25 0.0	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4
17	0.63 1.0 0.87	0.13 0.13 1.0	0.13 0.13 0.88	0.13 0.13 0.75	0.13 0.13 0.63	0.13 0.13 0.5	0.13 0.13 0.38	0.13 0.13 0.25	0.13 0.13 0.13	0.12 0.13 0.0	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47
18	0.63 1.0 1.0	0.0 0.0 1.0	0.0 0.0 0.88	0.0 0.0 0.75	0.0 0.0 0.63	0.0 0.0 0.5	0.0 0.0 0.38	0.0 0.0 0.25	0.0 0.0 0.13	0.0 0.0 0.0	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53
19	1.0 1.0 0.0	1.0 1.0 1.0	0.88 1.0 0.88	0.75 1.0 0.75	0.63 1.0 0.63	0.5 1.0 0.5	0.38 1.0 0.38	0.25 1.0 0.25	0.13 1.0 0.13	0.0 1.0 0.0	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6
20	1.0 1.0 0.13	1.0 0.88 1.0	0.88 0.88 0.88	0.75 0.88 0.75	0.63 0.88 0.63	0.5 0.88 0.5	0.38 0.88 0.38	0.25 0.88 0.25	0.13 0.88 0.13	0.0 0.88 0.0	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67
21	1.0 1.0 0.25	1.0 0.75 1.0	0.87 0.75 0.88	0.75 0.75 0.75	0.63 0.75 0.63	0.5 0.75 0.5	0.38 0.75 0.38	0.25 0.75 0.25	0.13 0.75 0.13	0.0 0.75 0.0	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73
22	1.0 1.0 0.38	1.0 0.63 1.0	0.87 0.63 0.88	0.75 0.63 0.75	0.63 0.63 0.63	0.5 0.63 0.5	0.38 0.63 0.38	0.25 0.63 0.25	0.13 0.63 0.13	0.0 0.63 0.0	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8
23	1.0 1.0 0.5	1.0 0.5 1.0	0.87 0.5 0.88	0.75 0.5 0.75	0.62 0.5 0.63	0.5 0.5 0.5	0.38 0.5 0.38	0.25 0.5 0.25	0.13 0.5 0.13	0.0 0.5 0.0	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87
24	1.0 1.0 0.63	1.0 0.38 1.0	0.87 0.38 0.88	0.75 0.38 0.75	0.62 0.38 0.63	0.5 0.38 0.5	0.38 0.38 0.38	0.25 0.38 0.25	0.13 0.38 0.13	0.0 0.38 0.0	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93
25	1.0 1.0 0.75	1.0 0.25 1.0	0.87 0.25 0.88	0.75 0.25 0.75	0.62 0.25 0.63	0.5 0.25 0.5	0.37 0.25 0.38	0.25 0.25 0.25	0.13 0.25 0.13	0.0 0.25 0.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
26	1.0 1.0 0.88	1.0 0.13 1.0	0.87 0.13 0.88	0.75 0.13 0.75	0.62 0.13 0.63	0.5 0.13 0.5	0.37 0.13 0.38	0.25 0.13 0.25	0.13 0.13 0.13	0.0 0.13 0.0	0.0 0.0 0.0	1.0 0.0 0.0	1.0 1.0 0.0	0.0 1.0 0.0
27	1.0 1.0 1.0	1.0 0.0 1.0	0.87 0.0 0.88	0.75 0.0 0.75	0.62 0.0 0.63	0.5 0.0 0.5	0.37 0.0 0.38	0.25 0.0 0.25	0.12 0.0 0.13	0.0 0.0 0.0	1.0 1.0 1.0	0.0 1.0 1.0	0.0 0.0 1.0	1.0 0.0 1.0

See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

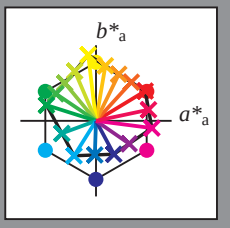
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmyn6* setcmykcolor*

Input and output:
Colorimetric Printer Reflective System ORS19_96a
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

ORS19_96a; adapted (a) CIELAB data

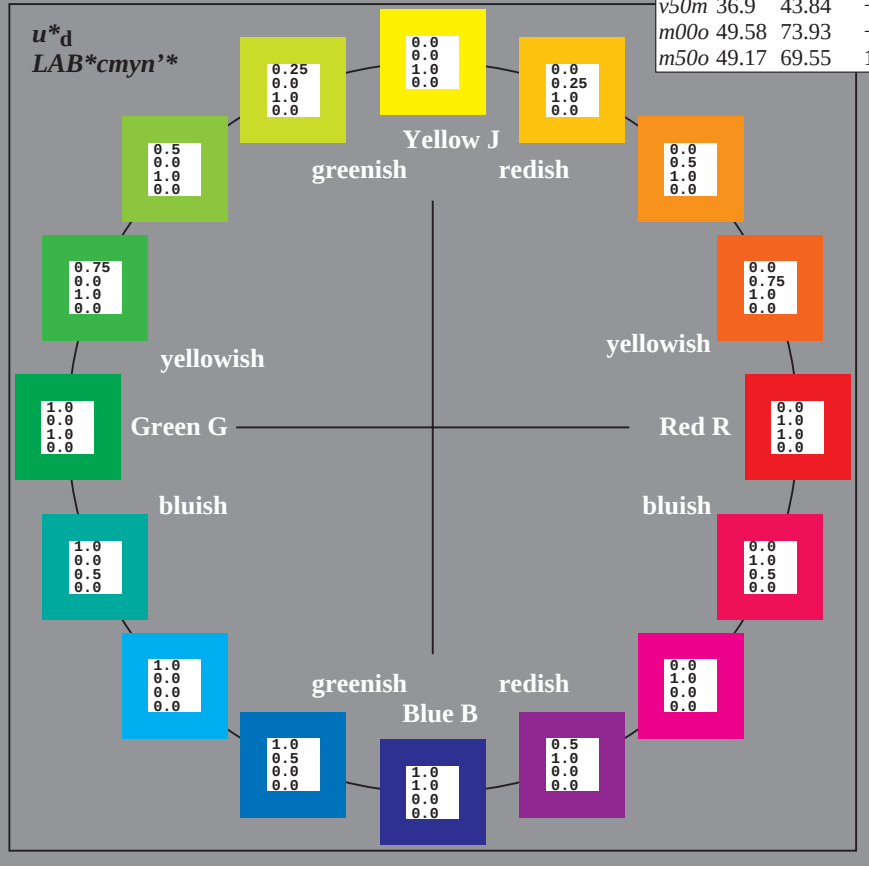
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

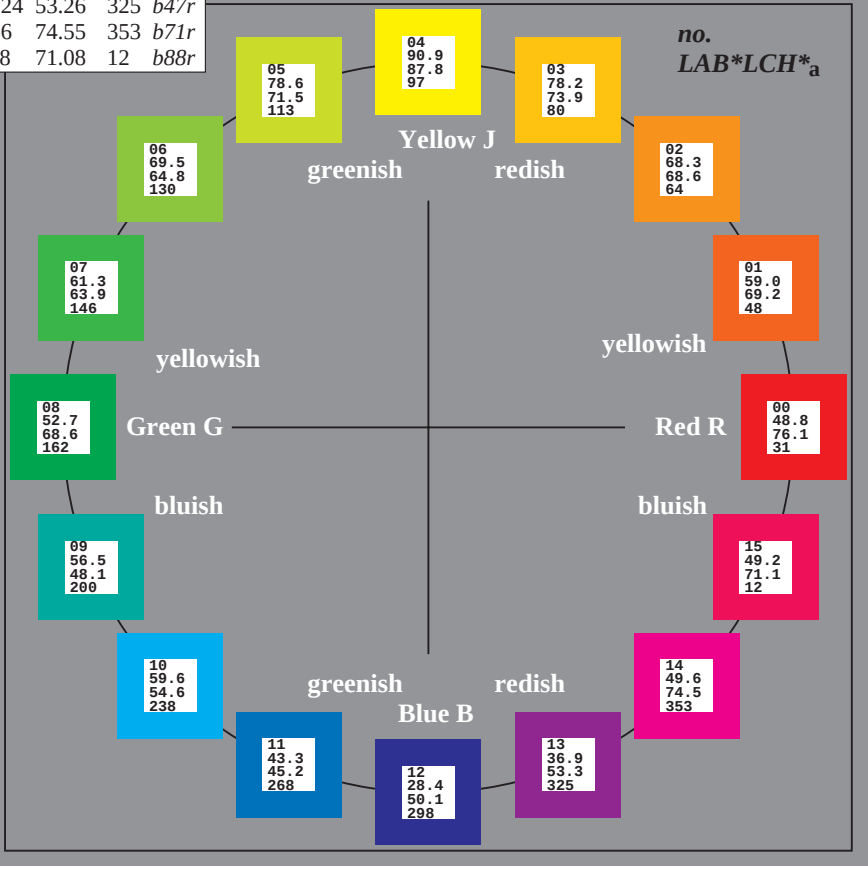


%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

ORS19_96a; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272

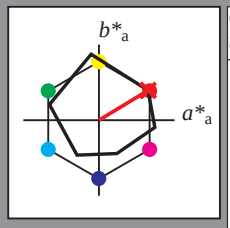




See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.087$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r08j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

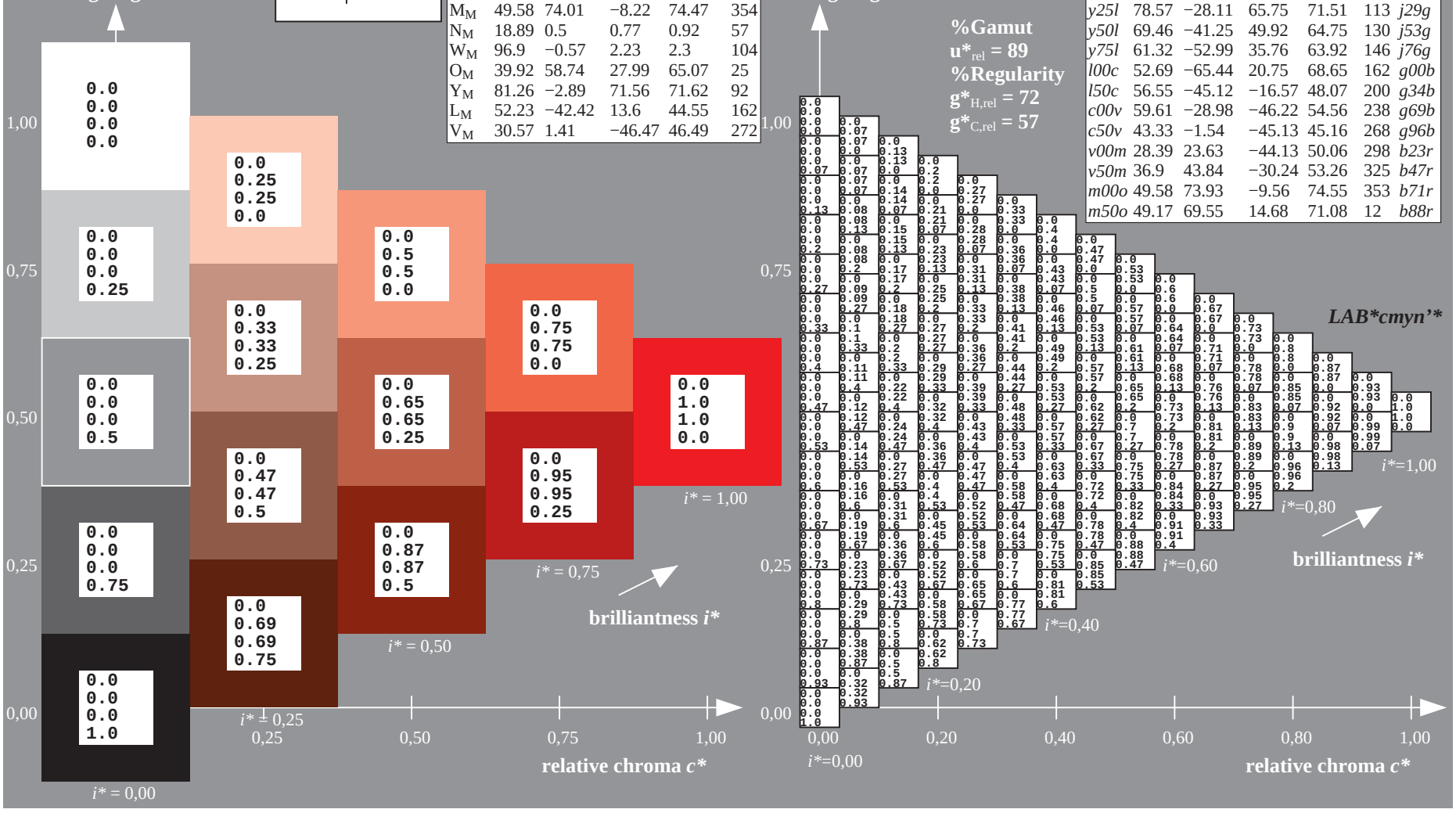
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 65 39
*LAB*LCH**$_{Ma}$: 49 76 31
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.09 0.0
triangle lightness *t**

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

u^*_d = *o00y*
*LAB*cmyn'**

ORS19_96a; adapted (a) CIELAB data

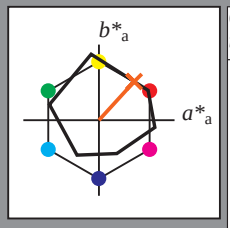
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.132$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o25y$ $u^*_e = r33j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

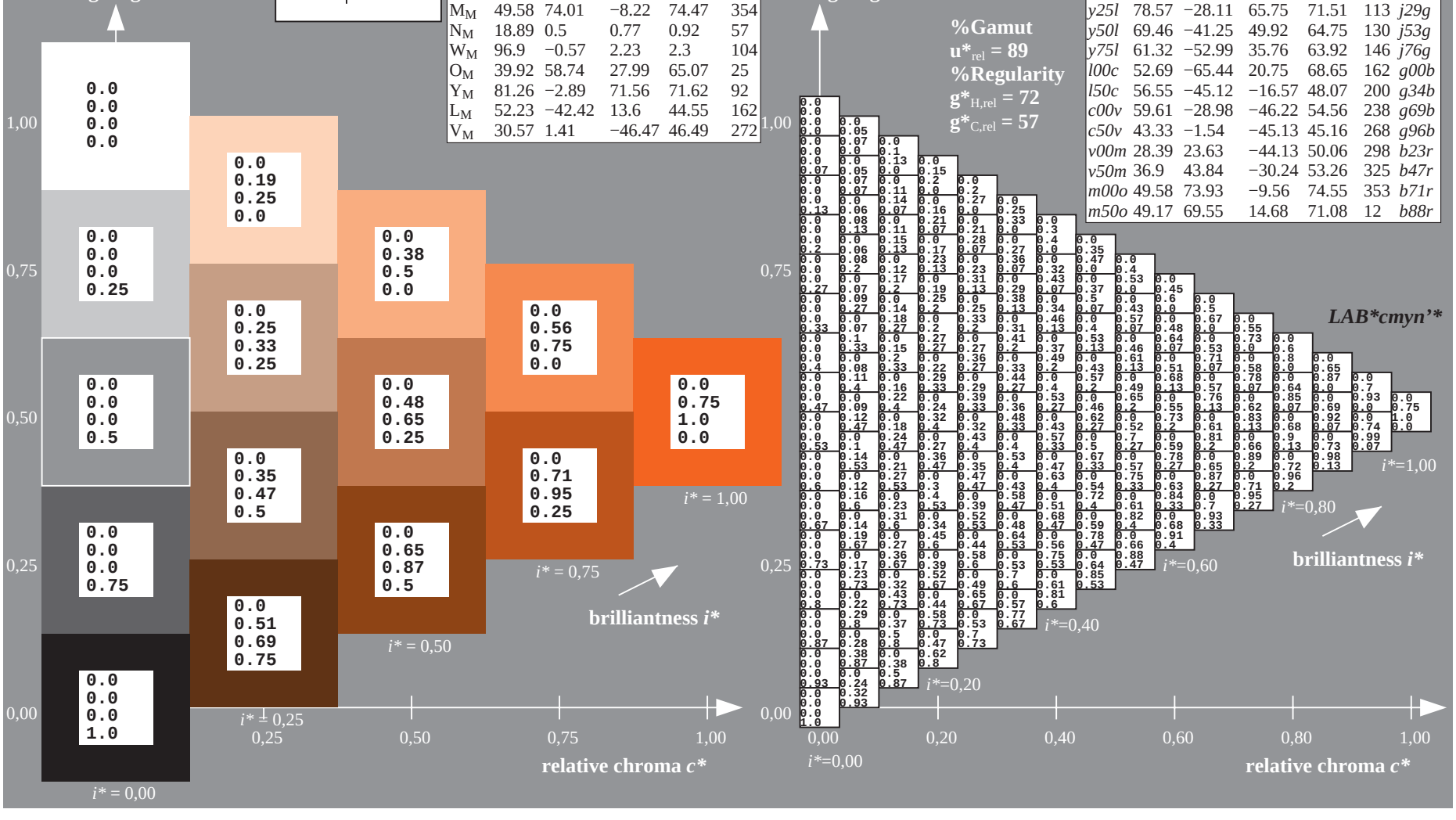
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 47 51
*LAB*LCH**$_{Ma}$: 59 69 47
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.33 0.0
triangle lightness *t**

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

$u^*_d = o25y$
*LAB*cmyn'**

ORS19_96a; adapted (a) CIELAB data

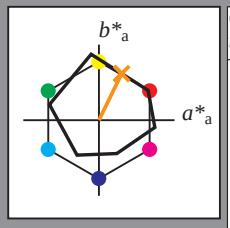
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.178$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o50y$ $u^*_e = r57j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

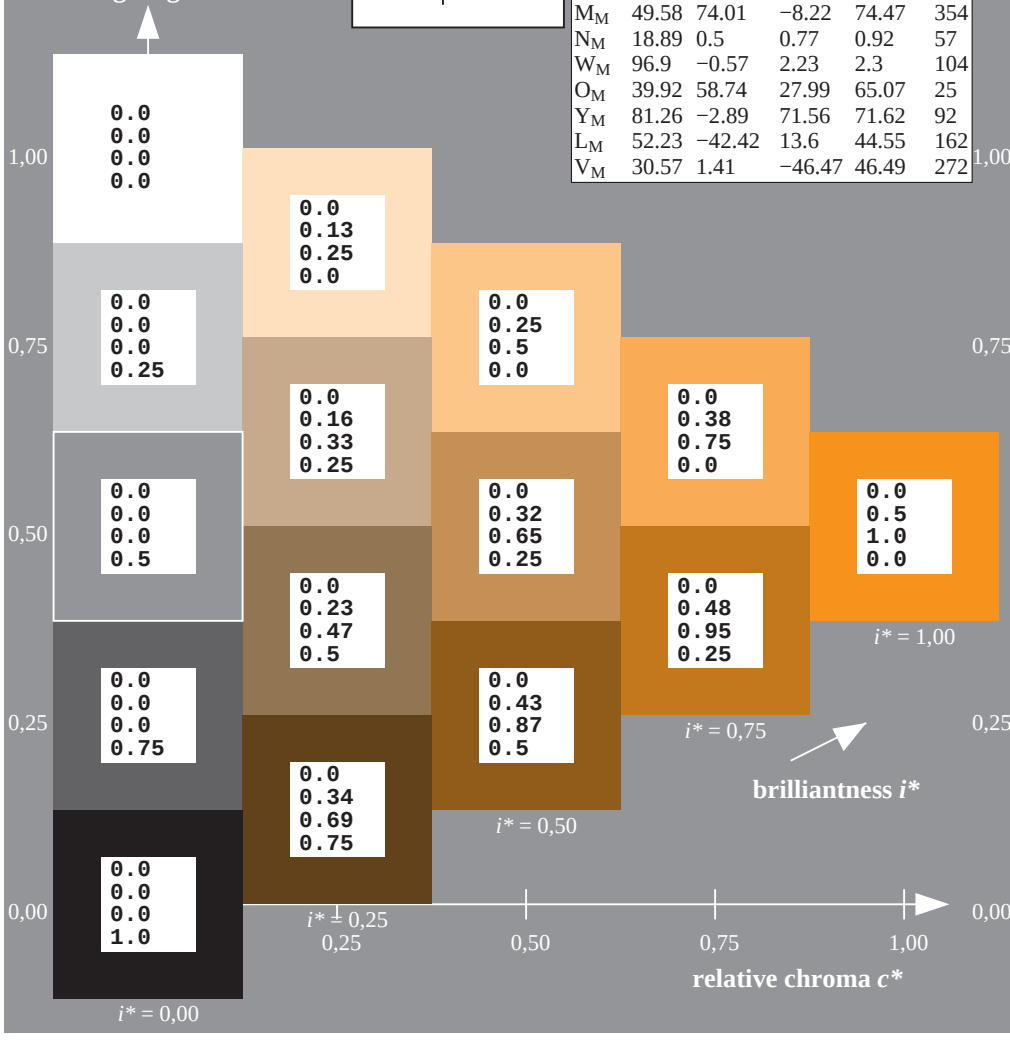
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 68 30 62**
***LAB*LCH**$_{Ma}$: 68 69 63**
***lab*olv**$_{Ma}$: 1.0 0.5 0.0**
***lab*rgb**$_{Ma}$: 1.0 0.58 0.0**
triangle lightness *t**

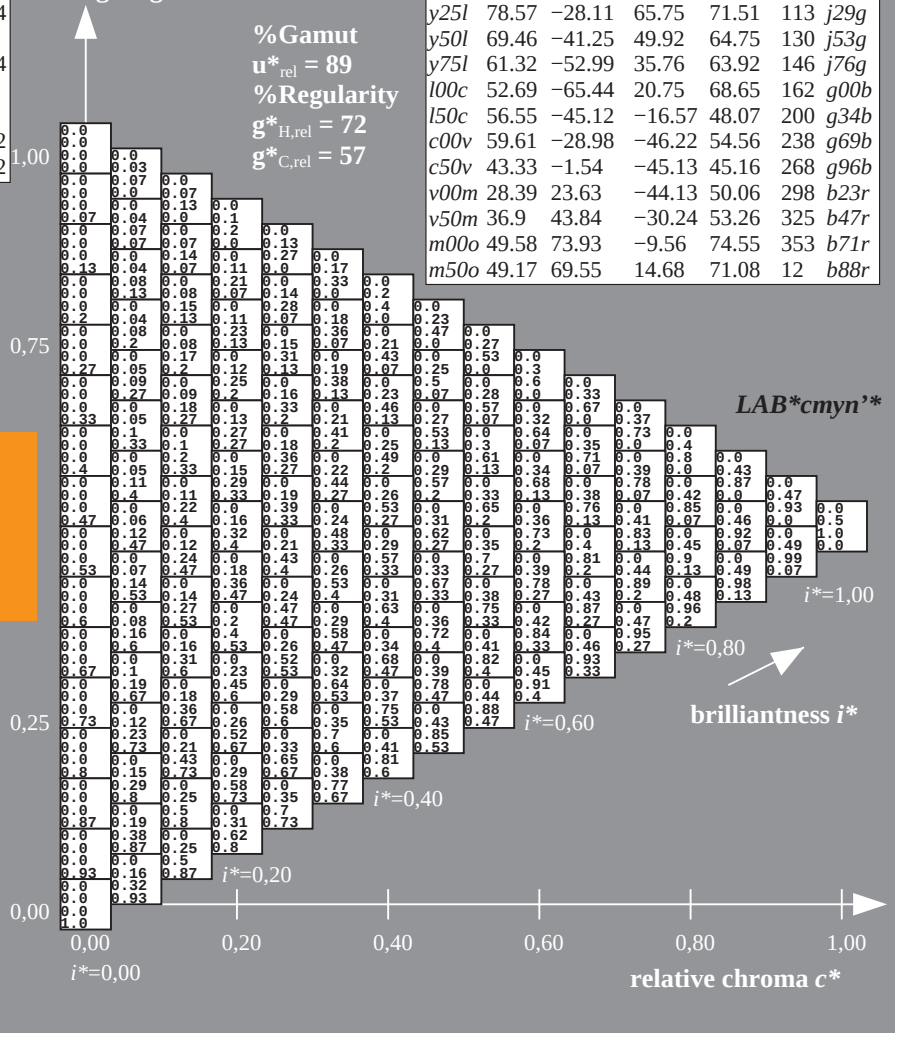
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

$u^*_d = o50y$
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



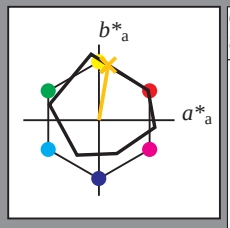


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.223$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r81j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

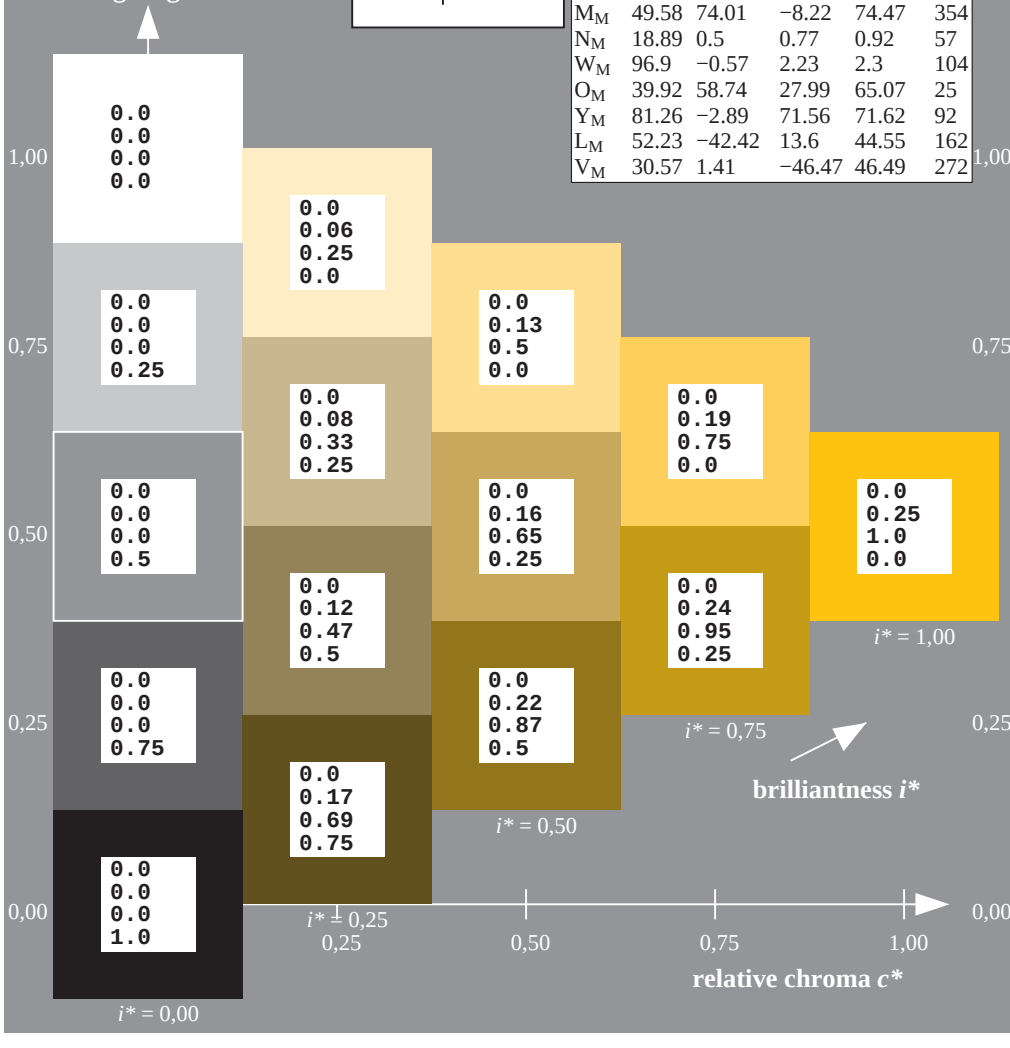
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 78 12 73**
***LAB*LCH*Ma*: 78 74 80**
***lab*olv*Ma*: 1.0 0.75 0.0**
***lab*rgb*Ma*: 1.0 0.82 0.0**
triangle lightness *t**

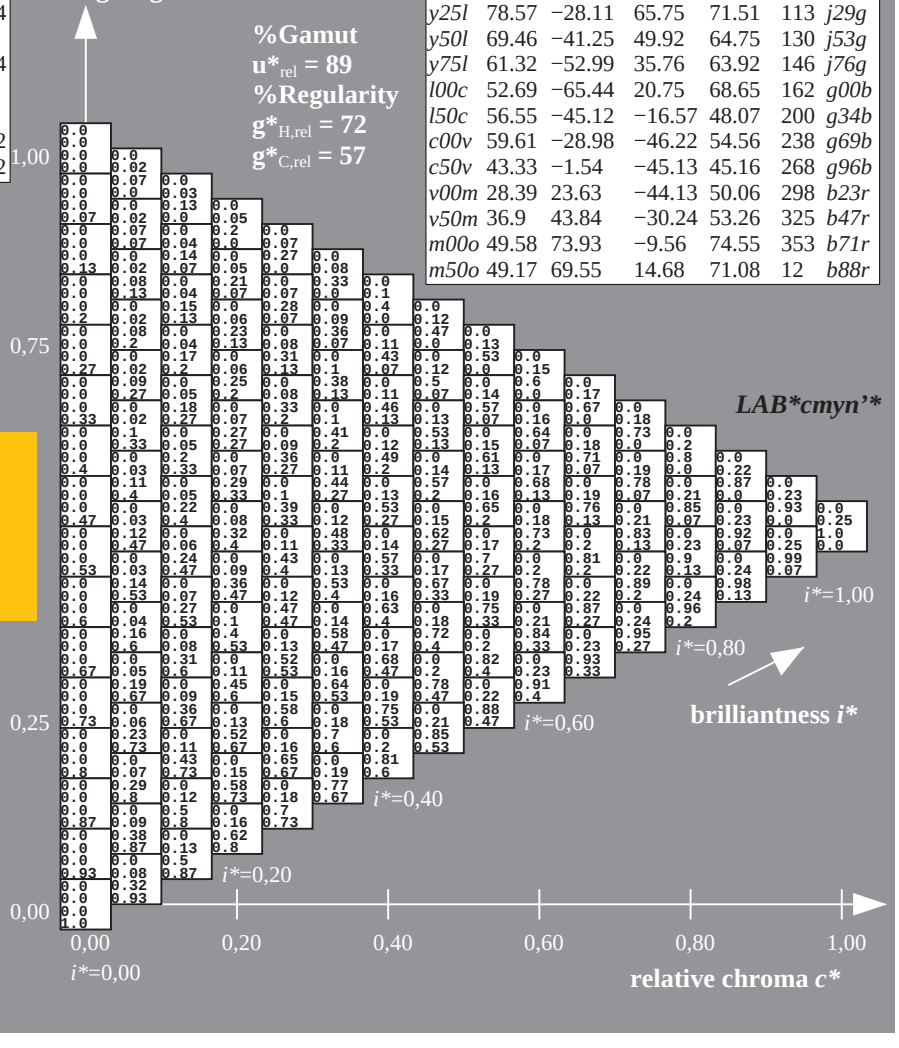
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

$u^*_d = o75y$
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



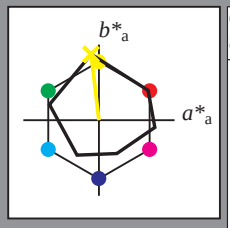


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.269$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00l$ $u^*_e = j06g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

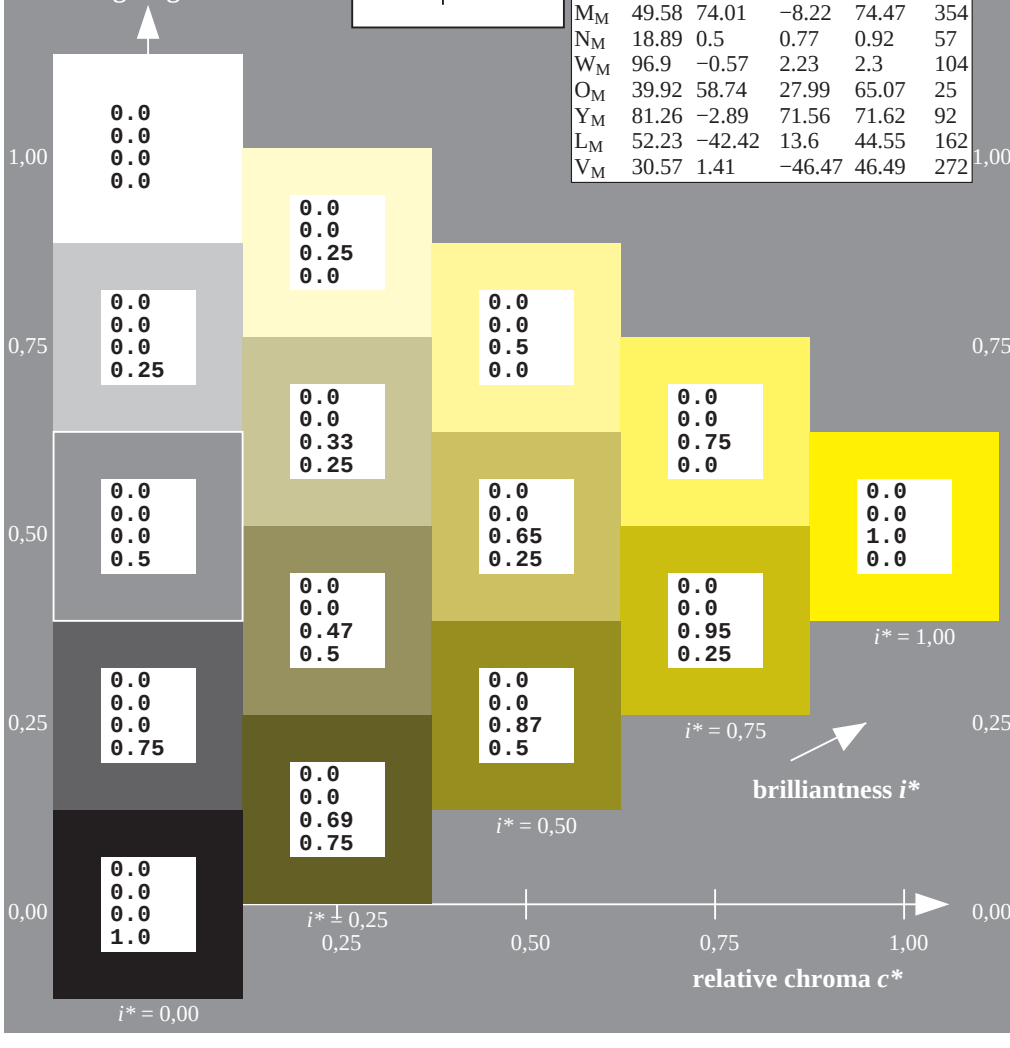
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 91 −10 87**
***LAB*LCH*Ma*: 91 88 96**
***lab*olv*Ma*: 1.0 1.0 0.0**
***lab*rgb*Ma*: 0.94 1.0 0.0**
triangle lightness *t**

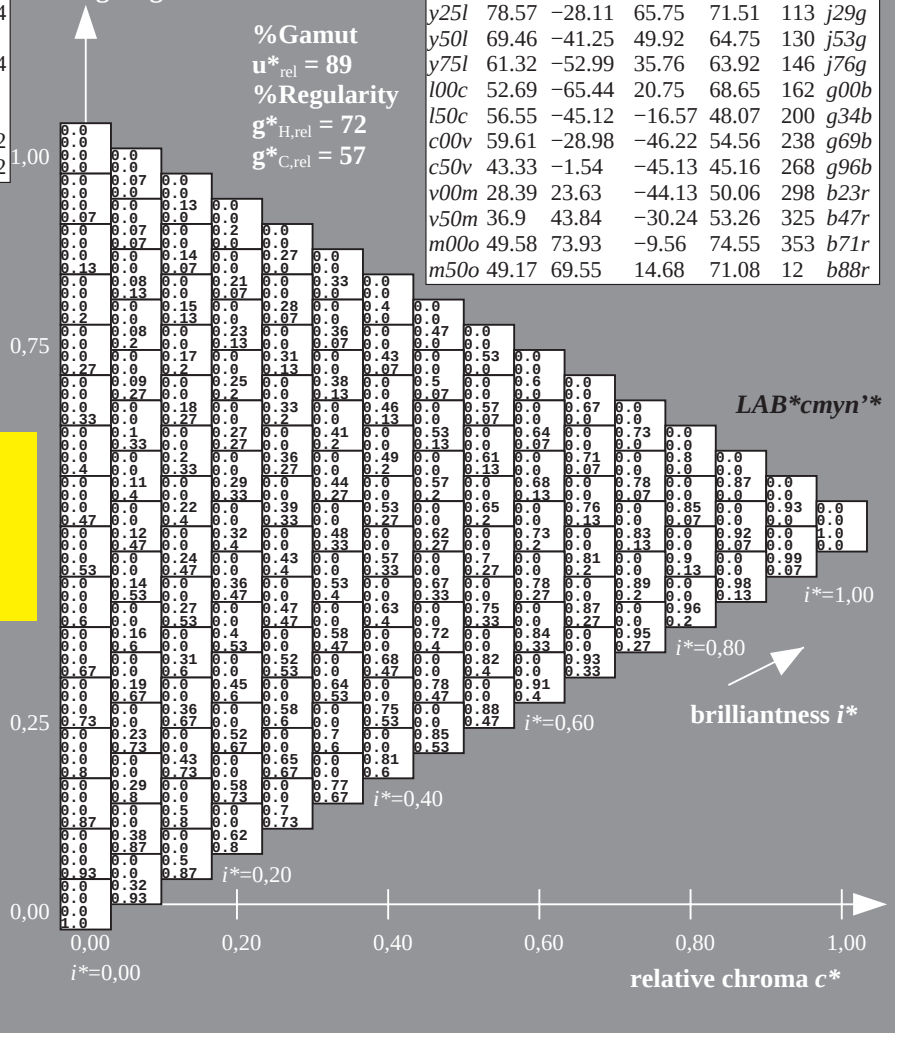
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = o00l$
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



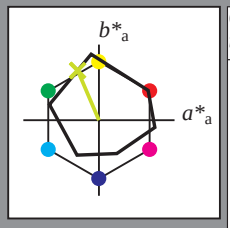


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.314$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j29g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

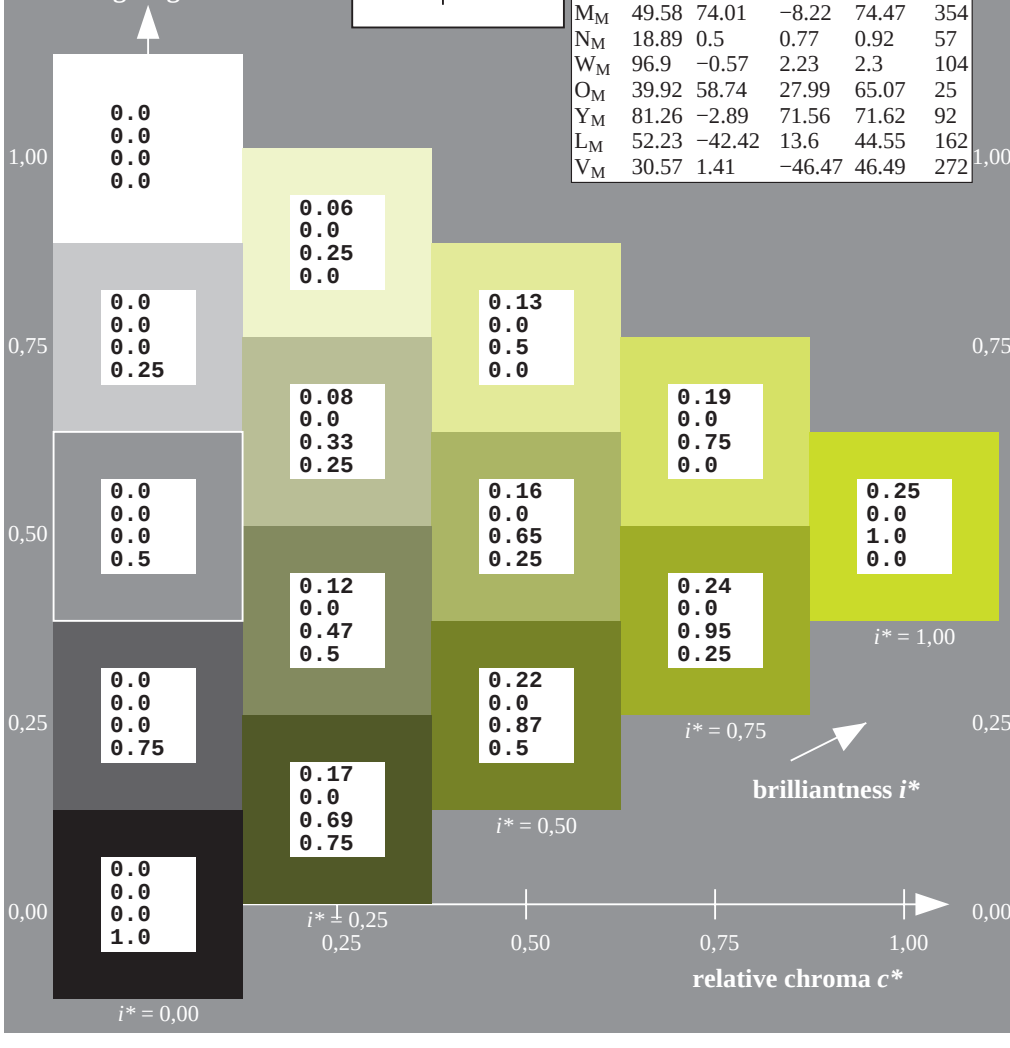
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 79 −28 66**
***LAB*LCH*Ma*: 79 72 113**
***lab*olv*Ma*: 0.75 1.0 0.0**
***lab*rgb*Ma*: 0.7 1.0 0.0**
triangle lightness *t**

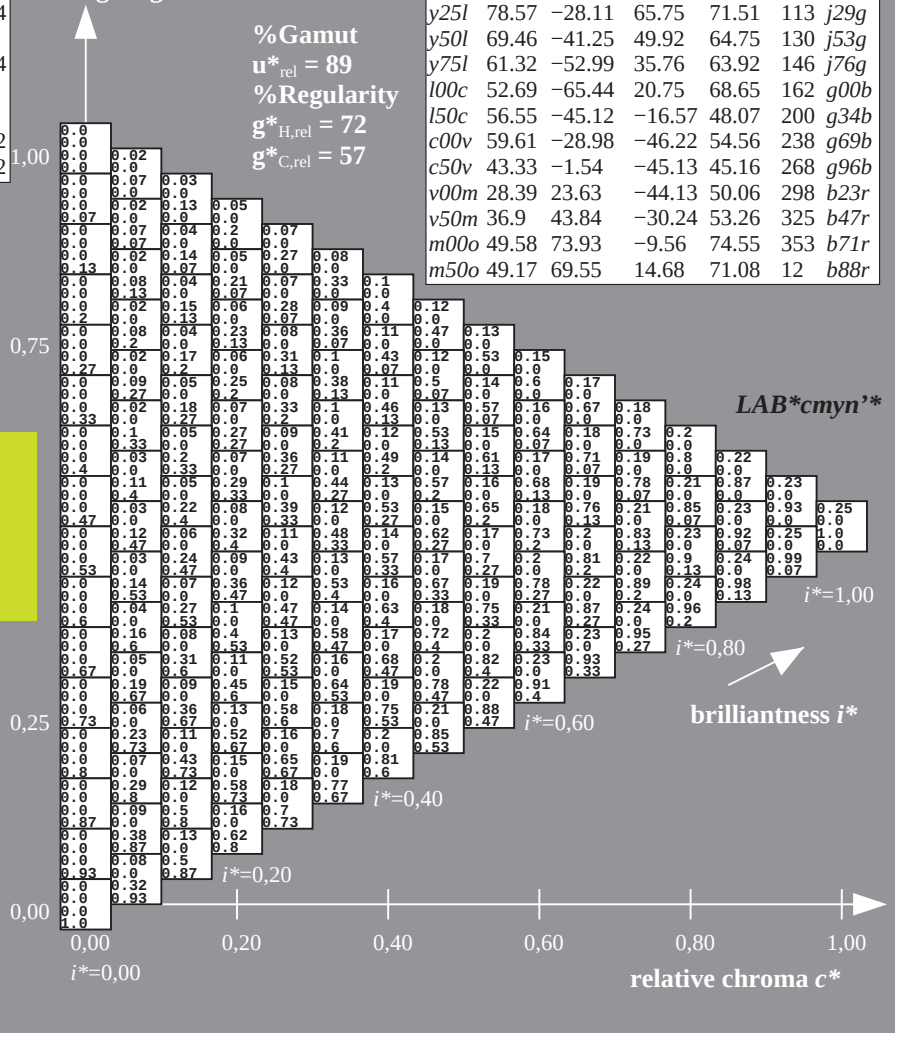
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u*d = y25l
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



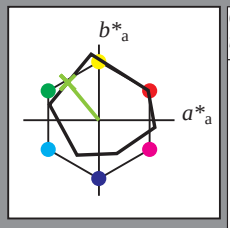


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.36$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

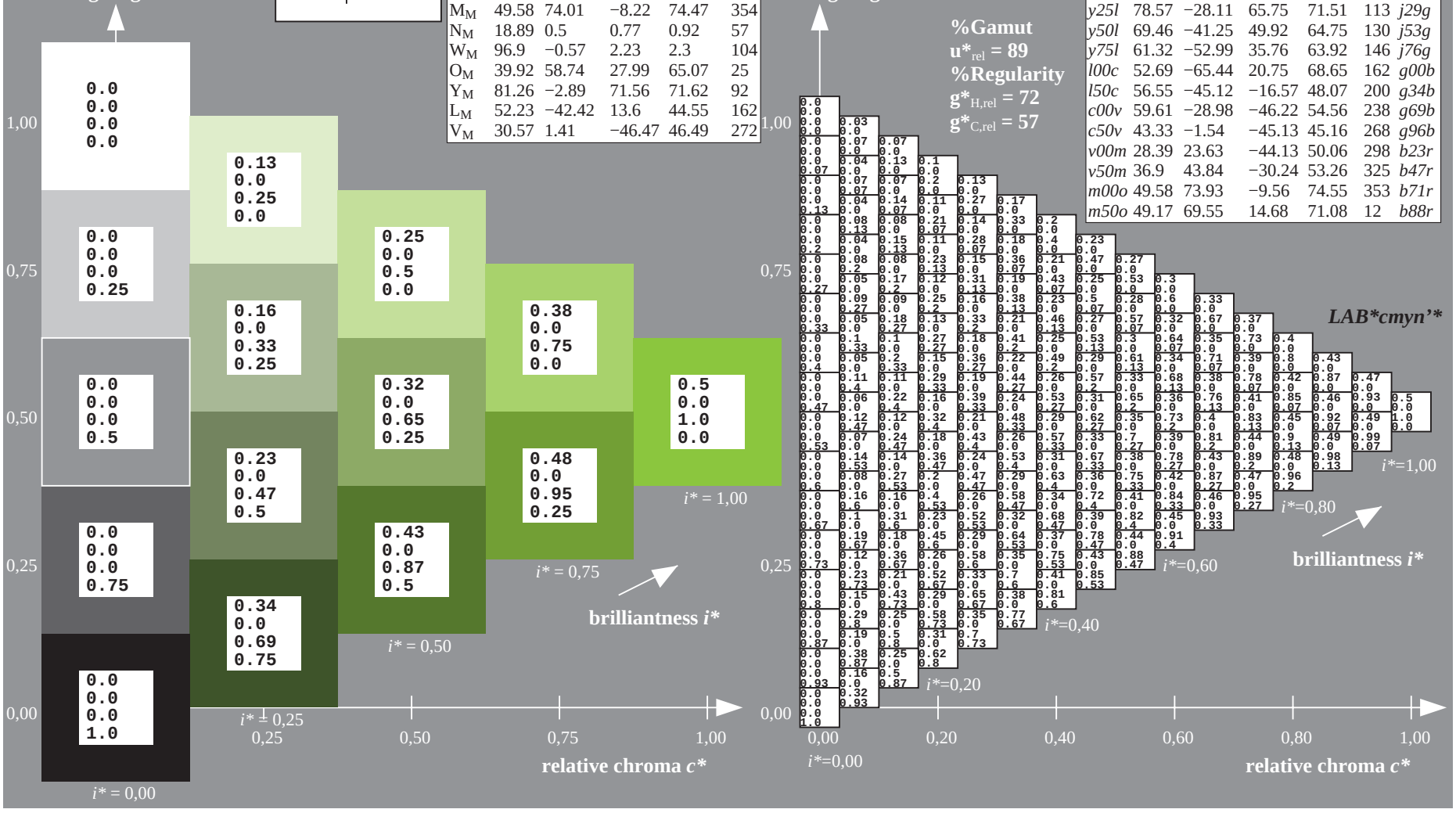
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 69 −41 50**
***LAB*LCH*Ma*: 69 65 129**
***lab*olv*Ma*: 0.5 1.0 0.0**
***lab*rgb*Ma*: 0.47 1.0 0.0**
triangle lightness *t**

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

$u^*_d = y50l$
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

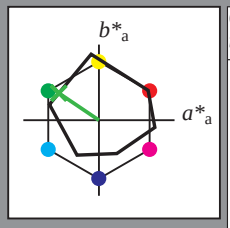


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.406$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j76g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

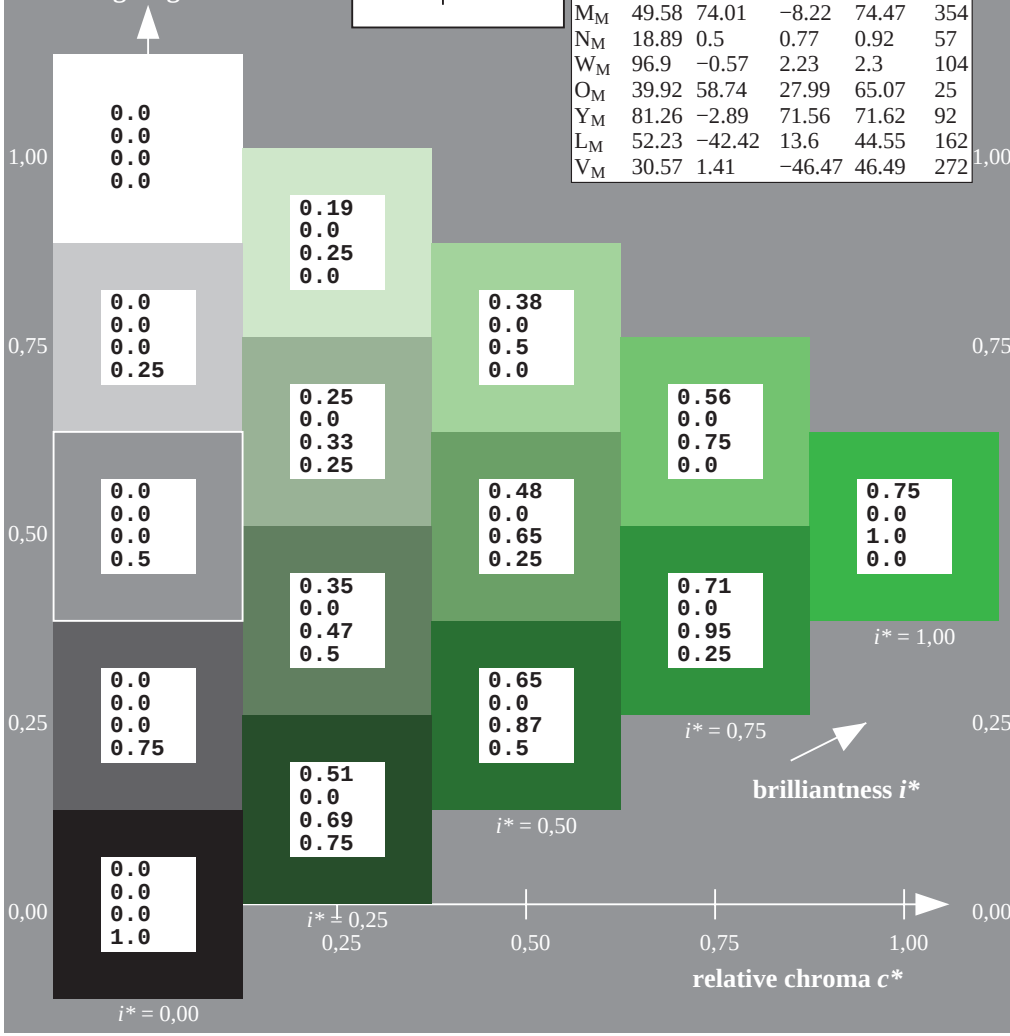
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 61 −53 36**
***LAB*LCH*Ma*: 61 64 145**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.23 1.0 0.0**
triangle lightness *t**

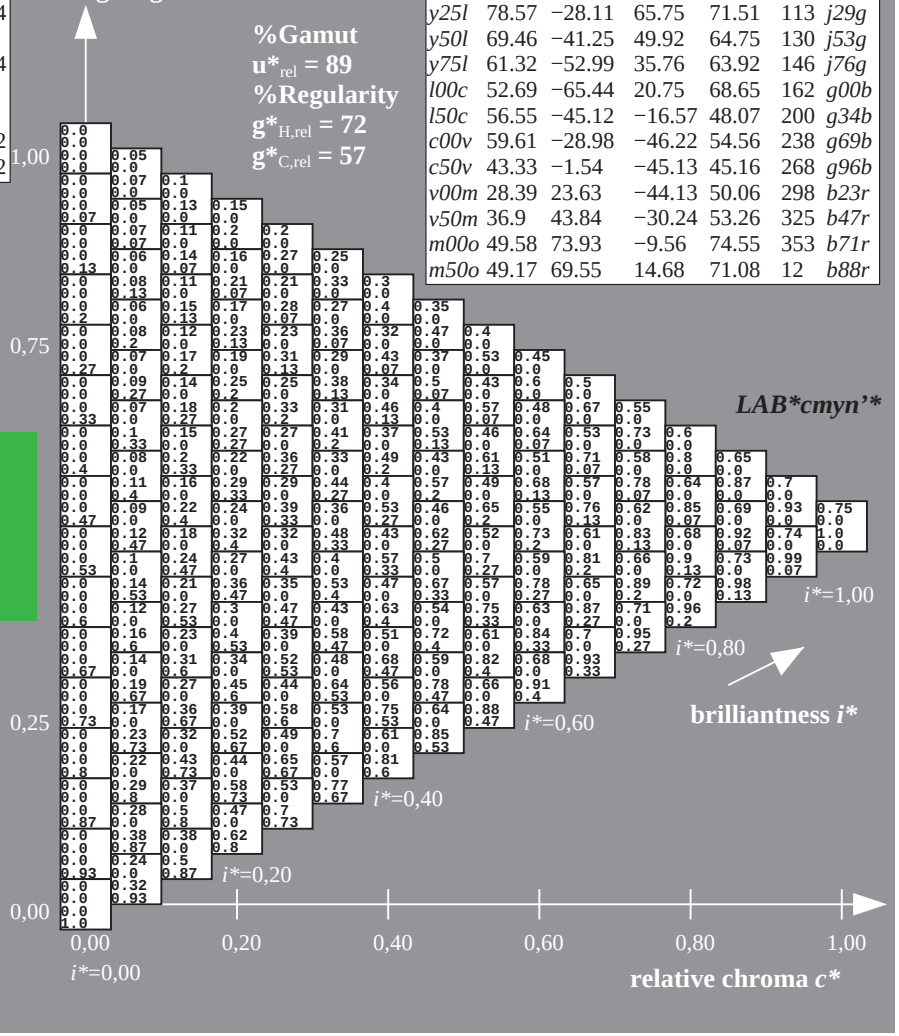
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = y75l$
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



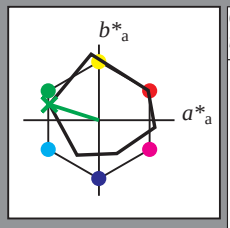


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = g00b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

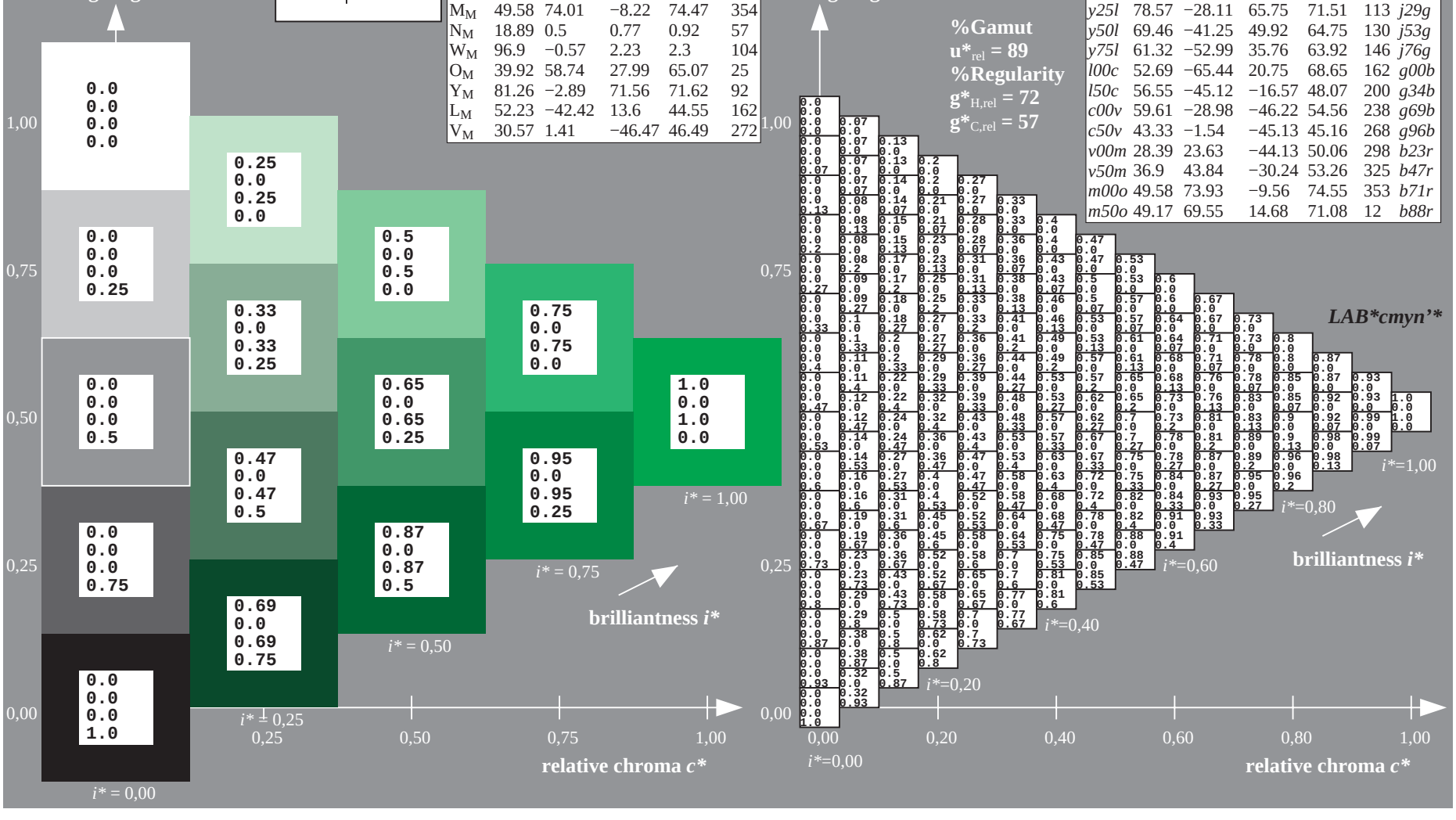
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 53 −65 21**
***LAB*LCH*Ma*: 53 69 162**
***lab*olv*Ma*: 0.0 1.0 0.0**
***lab*rgb*Ma*: 0.0 1.0 0.0**
triangle lightness *t**

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

$u^*_d = l00c$
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

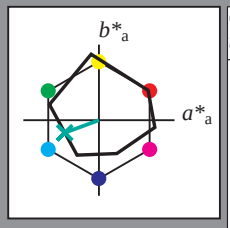
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1
BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.556$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g34b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

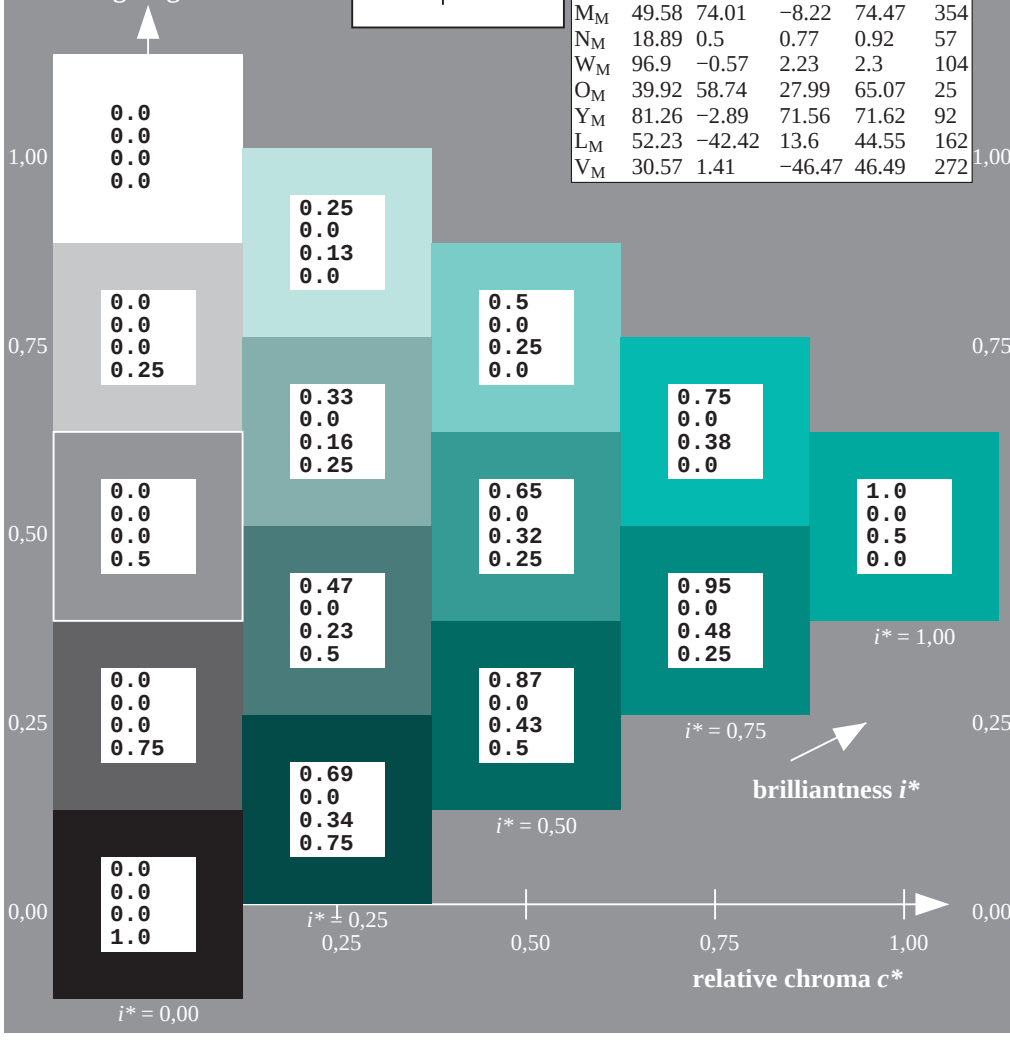
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 57 −45 −17**
***LAB*LCH*Ma*: 57 48 200**
***lab*olv*Ma*: 0.0 1.0 0.5**
***lab*rgb*Ma*: 0.0 1.0 0.69**
triangle lightness *t**

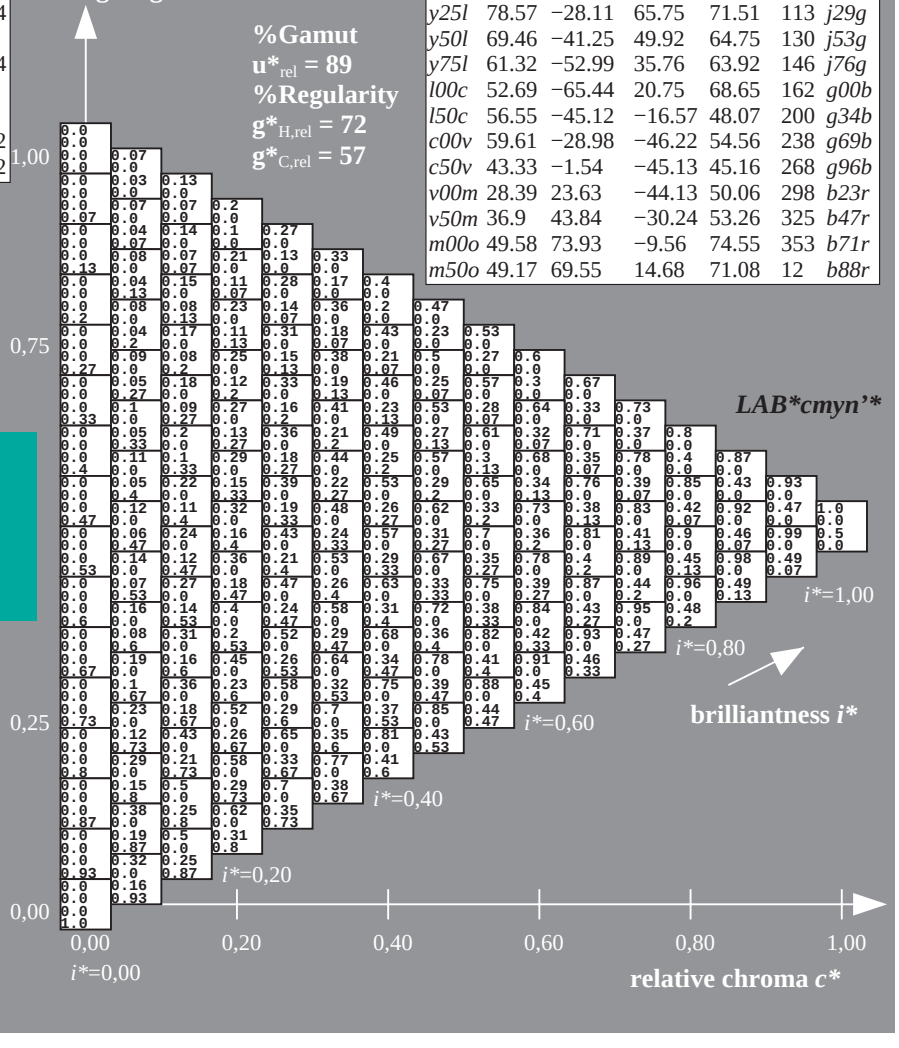
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

$u^*_d = l50c$
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



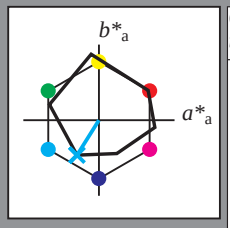


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.661$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g69b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

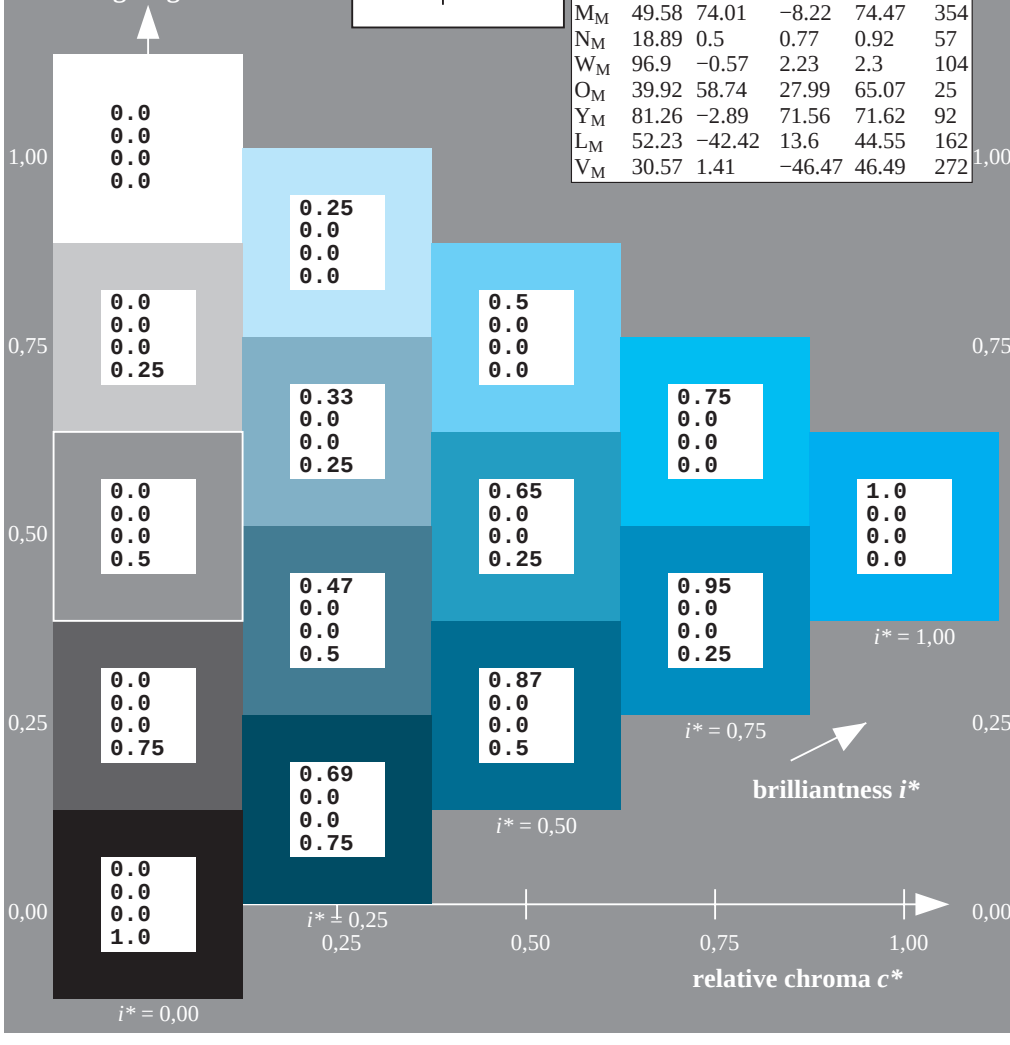
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 60 −29 −46**
***LAB*LCH*Ma*: 60 55 237**
***lab*olv*Ma*: 0.0 1.0 1.0**
***lab*rgb*Ma*: 0.0 0.62 1.0**
triangle lightness *t**

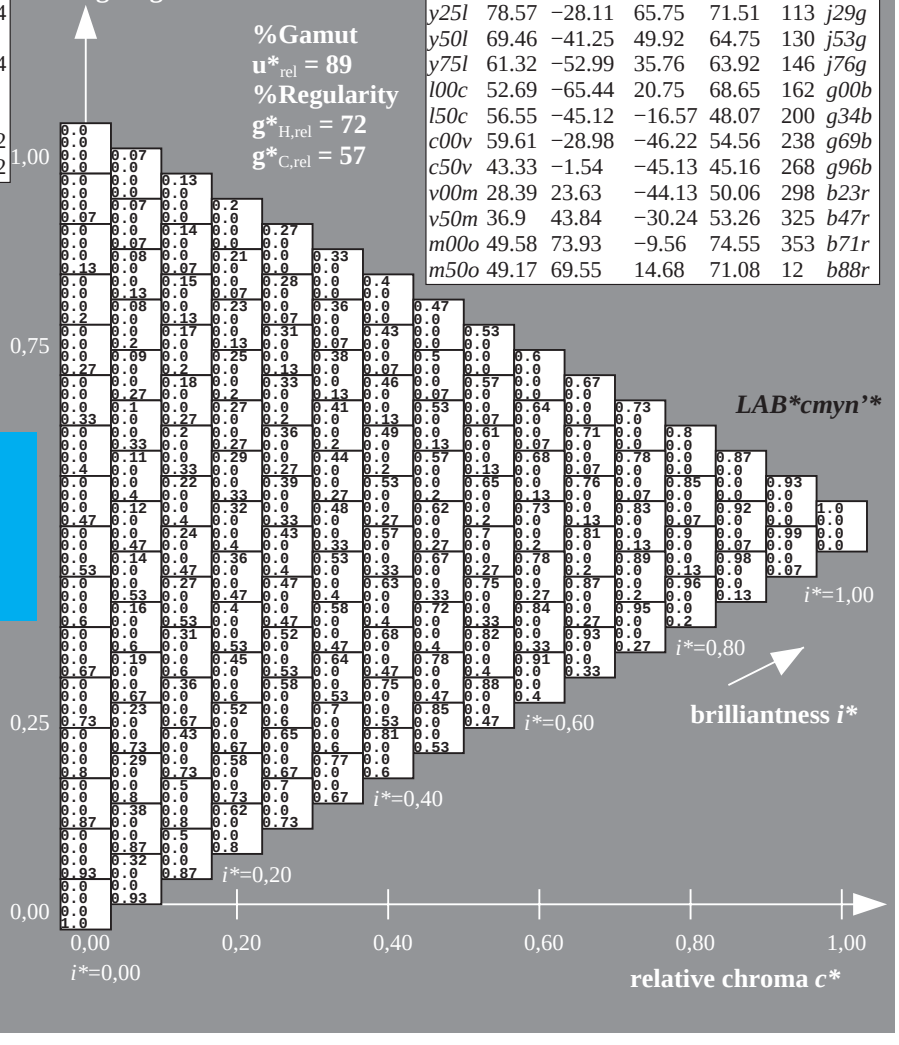
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u*d = c00v
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



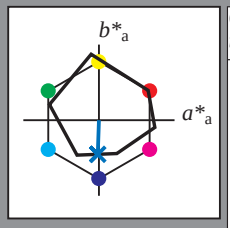


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.745$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g96b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

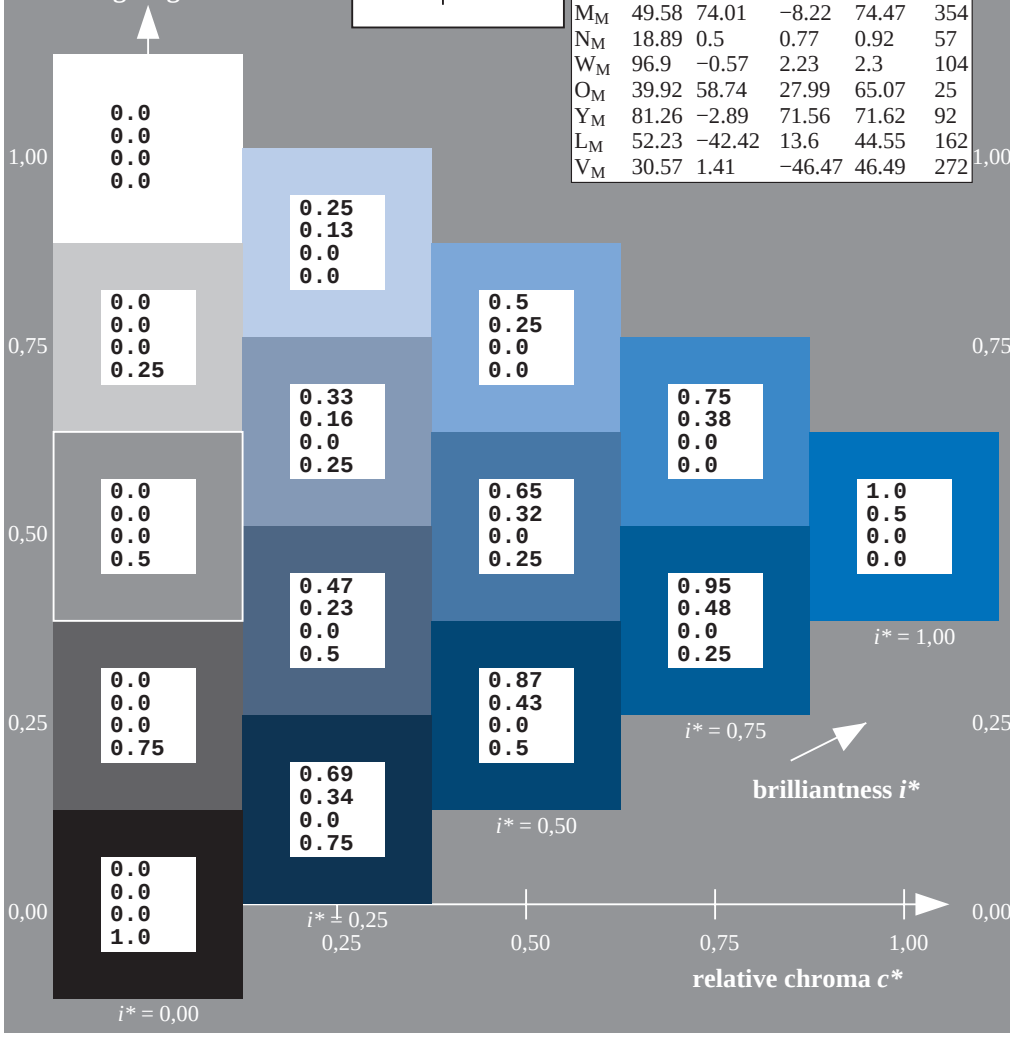
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 43 −2 −45**
***LAB*LCH*Ma*: 43 45 268**
***lab*olv*Ma*: 0.0 0.5 1.0**
***lab*rgb*Ma*: 0.0 0.07 1.0**
triangle lightness *t**

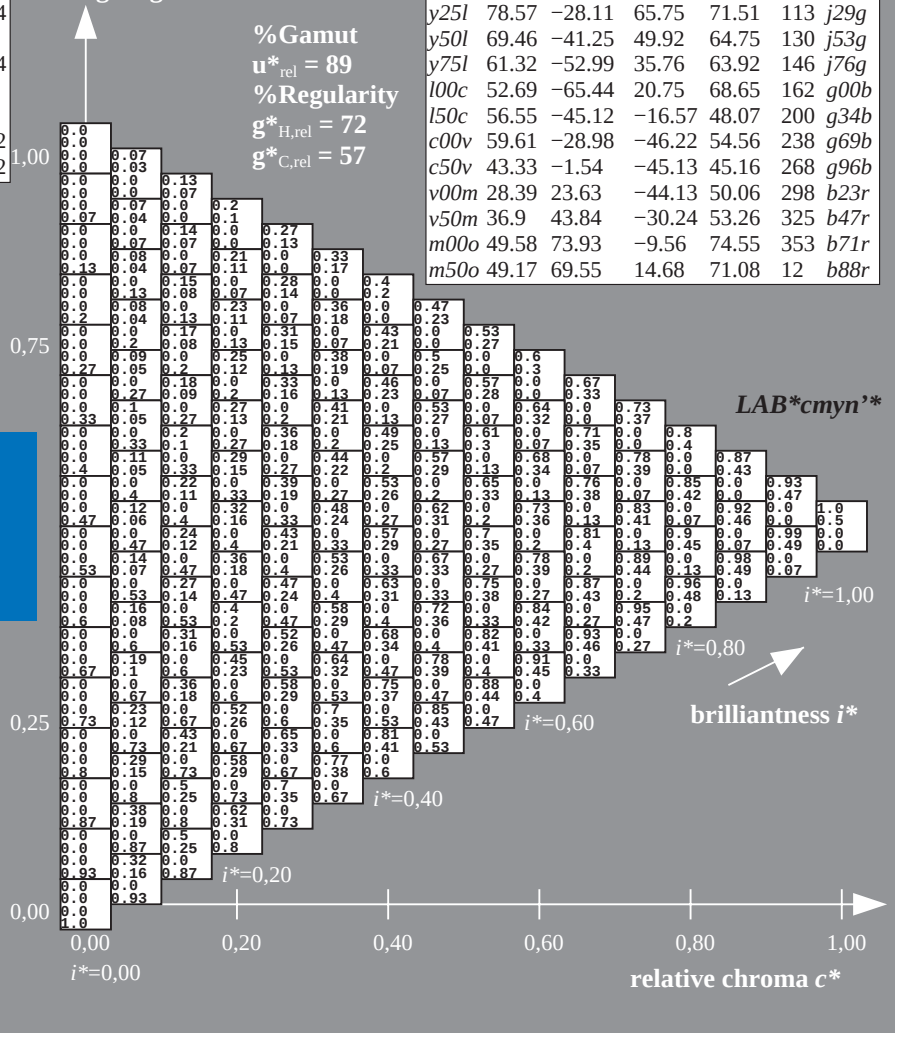
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

$u^*_d = c50v$
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



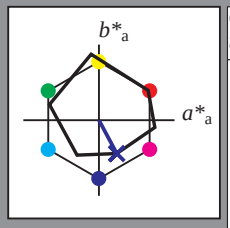


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.828$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

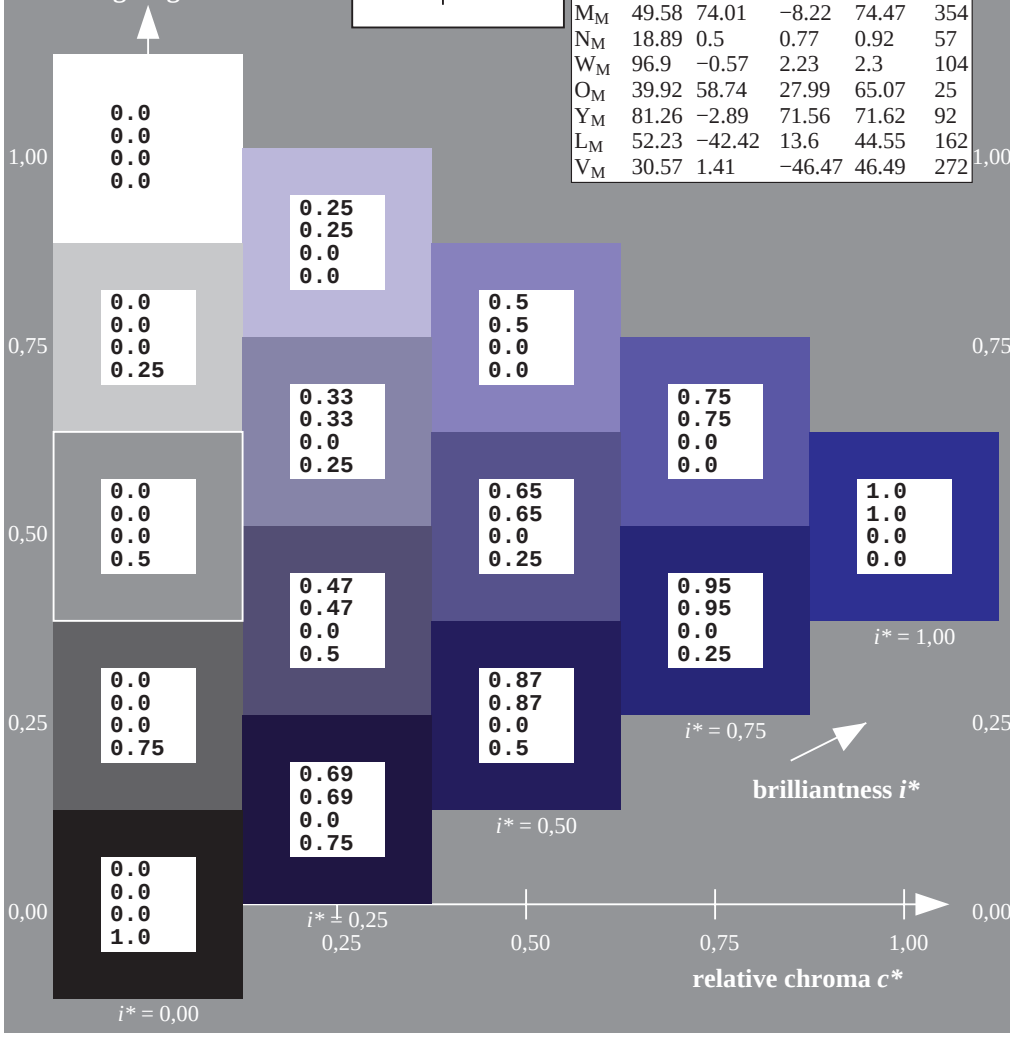
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 28 24 −44**
***LAB*LCH*Ma*: 28 50 298**
***lab*olv*Ma*: 0.0 0.0 1.0**
***lab*rgb*Ma*: 0.46 0.0 1.0**
triangle lightness *t**

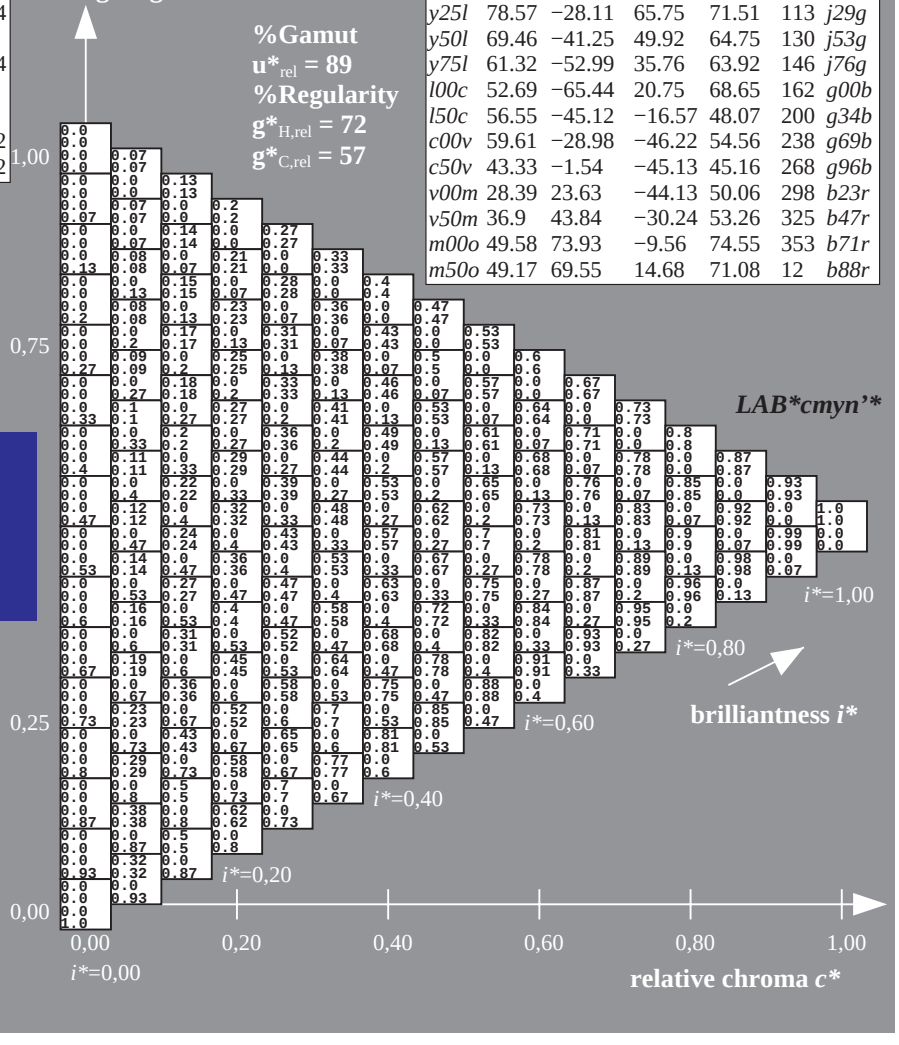
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

u*d = v00m
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



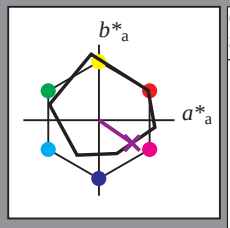


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.904$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

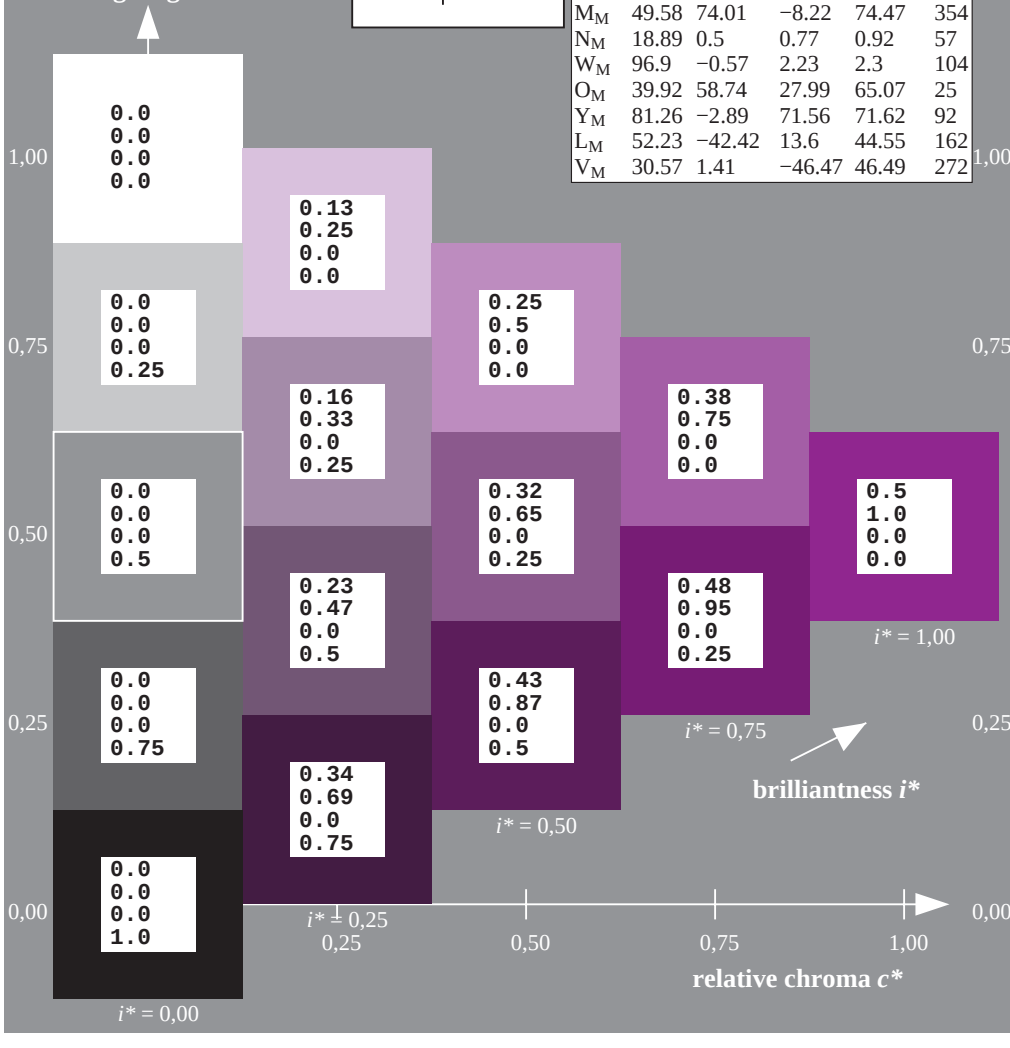
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 37 44 −30**
***LAB*LCH*Ma*: 37 53 325**
***lab*olv*Ma*: 0.5 0.0 1.0**
***lab*rgb*Ma*: 0.94 0.0 1.0**
triangle lightness *t**

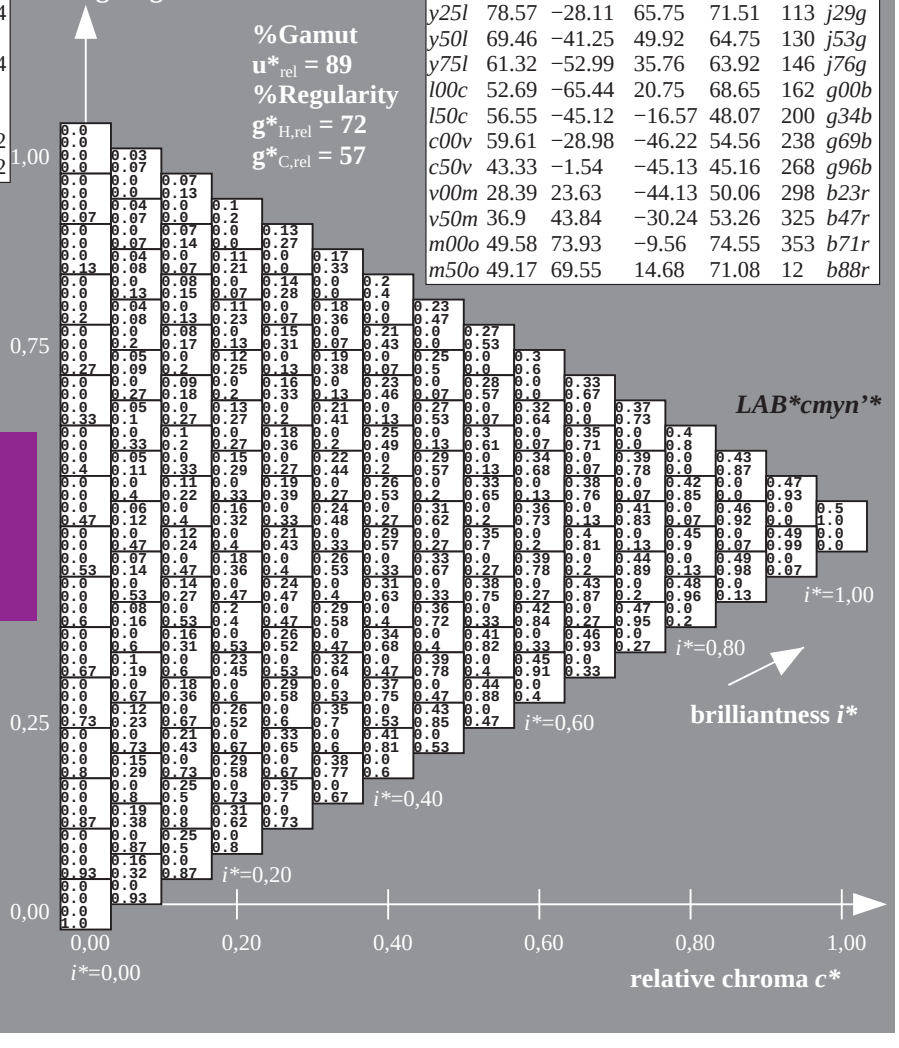
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u*d = v50m
LAB*cmyn'*

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*



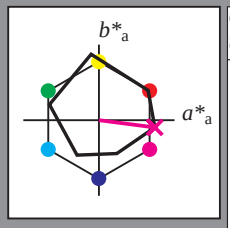


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.98$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b71r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

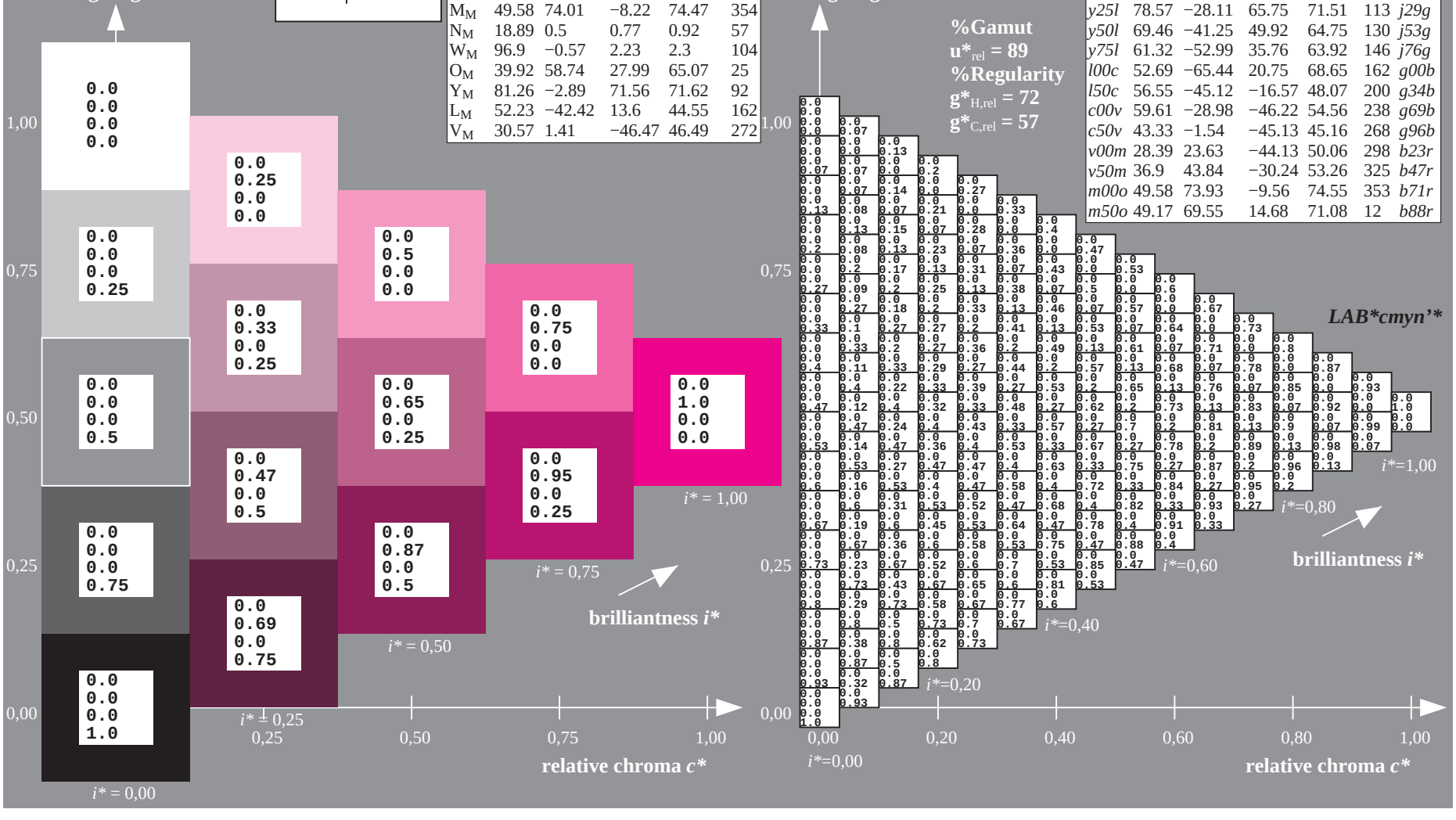
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 50 74 −10
*LAB*LCH**$_{Ma}$: 50 75 352
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.58
triangle lightness *t**

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

u^*_d = *m00o*
*LAB*cmyn'**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*

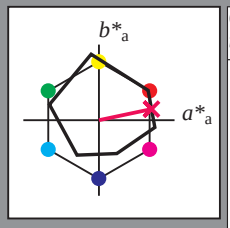


See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.033$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b88r*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS19_96a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	48.75	65.16	40.76	76.86	32
Y_M	90.92	−10.78	89.36	90.01	97
L_M	52.69	−65.4	22.15	69.05	161
C_M	59.61	−29.04	−44.69	53.3	237
V_M	28.39	24.0	−43.18	49.4	299
M_M	49.58	74.01	−8.22	74.47	354
N_M	18.89	0.5	0.77	0.92	57
W_M	96.9	−0.57	2.23	2.3	104
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

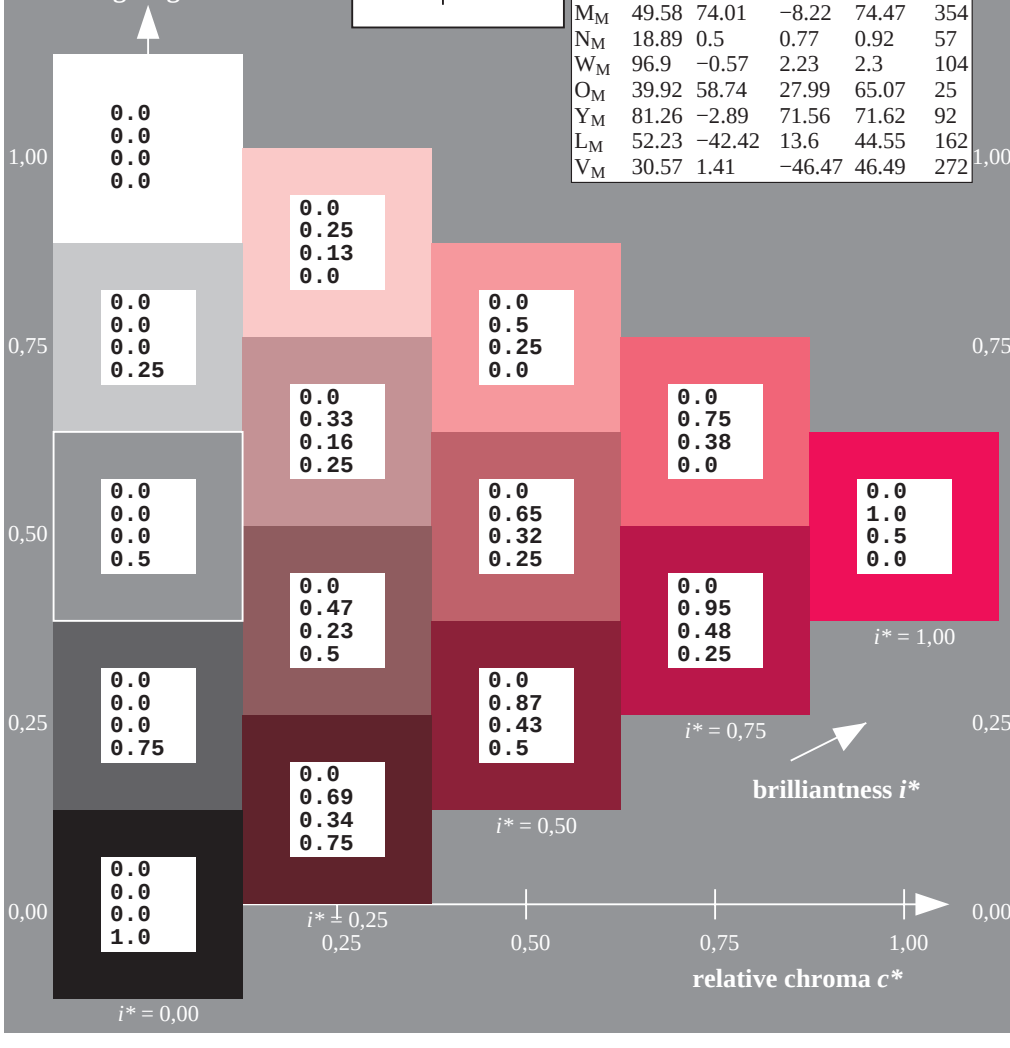
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 70 15
*LAB*LCH**$_{Ma}$: 49 71 11
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.24
triangle lightness *t**

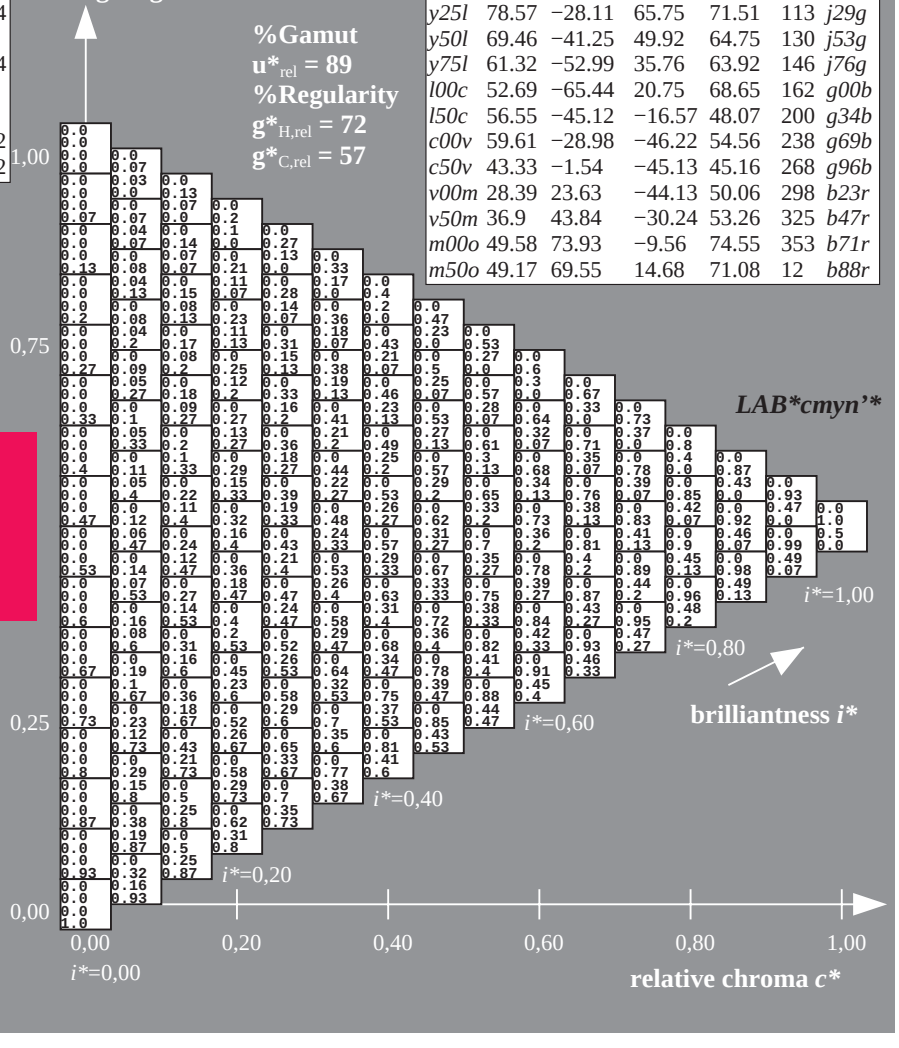
%Gamut
u^*_{rel} = 89
%Regularity
$g^*_{H,rel}$ = 72
$g^*_{C,rel}$ = 57

u^*_d = *m50o*
*LAB*cmyn'**

ORS19_96a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	48.75	65.07	39.43	76.08	31	*r08j*
o25y	59.04	46.67	51.1	69.21	48	*r33j*
o50y	68.32	30.09	61.62	68.58	64	*r57j*
o75y	78.23	12.39	72.85	73.9	80	*r81j*
y00l	90.92	−10.29	87.24	87.85	97	*j06g*
y25l	78.57	−28.11	65.75	71.51	113	*j29g*
y50l	69.46	−41.25	49.92	64.75	130	*j53g*
y75l	61.32	−52.99	35.76	63.92	146	*j76g*
l00c	52.69	−65.44	20.75	68.65	162	*g00b*
l50c	56.55	−45.12	−16.57	48.07	200	*g34b*
c00v	59.61	−28.98	−46.22	54.56	238	*g69b*
c50v	43.33	−1.54	−45.13	45.16	268	*g96b*
v00m	28.39	23.63	−44.13	50.06	298	*b23r*
v50m	36.9	43.84	−30.24	53.26	325	*b47r*
m00o	49.58	73.93	−9.56	74.55	353	*b71r*
m50o	49.17	69.55	14.68	71.08	12	*b88r*





See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Ee68/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=1

BAM registration: 20081001-Ee68/10L/L68E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
01	0.0 0.0 0.0 1.0	0.48 0.0 0.48 0.88	0.69 0.0 0.69 0.75	0.8 0.0 0.8 0.63	0.87 0.0 0.87 0.5	0.92 0.0 0.92 0.38	0.95 0.0 0.95 0.25	0.98 0.0 0.98 0.13	1.0 0.0 1.0 0.0	0.0 0.48 0.48 0.88	0.0 0.0 0.48 0.88	0.34 0.0 0.69 0.75	0.53 0.0 0.8 0.63	0.65 0.0 0.87 0.5	0.73 0.0 0.92 0.38	0.79 0.0 0.95 0.25	0.84 0.0 0.98 0.13	0.88 0.0 1.0 0.0
02	0.48 0.48 0.0 0.88	0.48 0.0 0.0 0.88	0.69 0.0 0.34 0.75	0.8 0.0 0.53 0.63	0.87 0.0 0.65 0.5	0.92 0.0 0.73 0.38	0.95 0.0 0.79 0.25	0.98 0.0 0.84 0.13	1.0 0.0 0.88 0.0	0.0 0.48 0.0 0.88	0.0 0.0 0.0 0.88	0.42 0.0 0.42 0.75	0.58 0.0 0.58 0.63	0.68 0.0 0.68 0.5	0.75 0.0 0.75 0.38	0.8 0.0 0.8 0.25	0.84 0.0 0.84 0.13	0.88 0.0 0.88 0.0
03	0.69 0.69 0.0 0.75	0.69 0.34 0.0 0.75	0.69 0.0 0.0 0.75	0.8 0.0 0.27 0.63	0.87 0.0 0.43 0.5	0.92 0.0 0.55 0.38	0.95 0.0 0.63 0.25	0.98 0.0 0.7 0.13	1.0 0.0 0.75 0.0	0.34 0.69 0.0 0.75	0.42 0.42 0.0 0.75	0.42 0.0 0.0 0.75	0.58 0.0 0.29 0.63	0.68 0.0 0.45 0.5	0.75 0.0 0.56 0.38	0.8 0.0 0.64 0.25	0.84 0.0 0.7 0.13	0.88 0.0 0.75 0.0
04	0.8 0.8 0.0 0.63	0.8 0.53 0.0 0.63	0.8 0.27 0.0 0.63	0.8 0.0 0.0 0.63	0.87 0.0 0.22 0.5	0.92 0.0 0.37 0.38	0.95 0.0 0.48 0.25	0.98 0.0 0.56 0.13	1.0 0.0 0.63 0.0	0.53 0.8 0.0 0.63	0.58 0.58 0.0 0.63	0.58 0.29 0.0 0.63	0.58 0.0 0.0 0.63	0.68 0.0 0.23 0.5	0.75 0.0 0.37 0.38	0.8 0.0 0.48 0.25	0.84 0.0 0.56 0.13	0.88 0.0 0.63 0.0
05	0.87 0.87 0.0 0.5	0.87 0.65 0.0 0.5	0.87 0.43 0.0 0.5	0.87 0.22 0.0 0.5	0.87 0.0 0.0 0.5	0.92 0.0 0.18 0.38	0.95 0.0 0.32 0.25	0.98 0.0 0.42 0.13	1.0 0.0 0.5 0.0	0.65 0.87 0.0 0.5	0.68 0.68 0.0 0.5	0.68 0.45 0.0 0.5	0.68 0.23 0.0 0.5	0.68 0.0 0.0 0.5	0.75 0.0 0.19 0.38	0.8 0.0 0.32 0.25	0.84 0.0 0.42 0.13	0.88 0.0 0.5 0.0
06	0.92 0.92 0.0 0.38	0.92 0.73 0.0 0.38	0.92 0.55 0.0 0.38	0.92 0.37 0.0 0.38	0.92 0.18 0.0 0.38	0.92 0.0 0.0 0.38	0.95 0.0 0.16 0.25	0.98 0.0 0.28 0.13	1.0 0.0 0.38 0.0	0.73 0.92 0.0 0.38	0.75 0.75 0.0 0.38	0.75 0.56 0.0 0.38	0.75 0.37 0.0 0.38	0.75 0.19 0.0 0.38	0.75 0.0 0.0 0.38	0.8 0.0 0.16 0.25	0.84 0.0 0.28 0.13	0.88 0.0 0.38 0.0
07	0.95 0.95 0.0 0.25	0.95 0.79 0.0 0.25	0.95 0.63 0.0 0.25	0.95 0.48 0.0 0.25	0.95 0.32 0.0 0.25	0.95 0.16 0.0 0.25	0.95 0.0 0.0 0.25	0.98 0.0 0.14 0.13	1.0 0.0 0.25 0.0	0.79 0.95 0.0 0.25	0.8 0.8 0.0 0.25	0.8 0.64 0.0 0.25	0.8 0.48 0.0 0.25	0.8 0.32 0.0 0.25	0.8 0.16 0.0 0.25	0.8 0.0 0.0 0.25	0.84 0.0 0.14 0.13	0.88 0.0 0.25 0.0
08	0.98 0.98 0.0 0.13	0.98 0.84 0.0 0.13	0.98 0.7 0.0 0.13	0.98 0.56 0.0 0.13	0.98 0.42 0.0 0.13	0.98 0.28 0.0 0.13	0.98 0.14 0.0 0.13	0.98 0.0 0.0 0.13	1.0 0.0 0.13 0.0	0.84 0.98 0.0 0.13	0.84 0.84 0.0 0.13	0.84 0.7 0.0 0.13	0.84 0.56 0.0 0.13	0.84 0.42 0.0 0.13	0.84 0.28 0.0 0.13	0.84 0.14 0.0 0.13	0.84 0.0 0.0 0.13	0.88 0.0 0.13 0.0
09	1.0 1.0 0.0 0.0	1.0 0.88 0.0 0.0	1.0 0.75 0.0 0.0	1.0 0.63 0.0 0.0	1.0 0.5 0.0 0.0	1.0 0.38 0.0 0.0	1.0 0.25 0.0 0.0	1.0 0.13 0.0 0.0	1.0 0.0 0.0 0.0	0.88 1.0 0.0 0.0	0.88 0.88 0.0 0.0	0.88 0.75 0.0 0.0	0.88 0.63 0.0 0.0	0.88 0.5 0.0 0.0	0.88 0.38 0.0 0.0	0.88 0.25 0.0 0.0	0.88 0.13 0.0 0.0	0.88 0.0 0.0 0.0
10	0.0 0.8 0.8 0.63	0.0 0.53 0.8 0.63	0.0 0.27 0.8 0.63	0.0 0.0 0.8 0.63	0.22 0.0 0.87 0.5	0.37 0.0 0.92 0.38	0.48 0.0 0.95 0.25	0.56 0.0 0.98 0.13	0.63 0.0 1.0 0.0	0.0 0.87 0.87 0.5	0.0 0.65 0.87 0.5	0.0 0.43 0.87 0.5	0.0 0.22 0.87 0.5	0.0 0.0 0.87 0.5	0.18 0.0 0.92 0.38	0.32 0.0 0.95 0.25	0.42 0.0 0.98 0.13	0.5 0.0 1.0 0.0
11	0.0 0.8 0.53 0.63	0.0 0.58 0.58 0.63	0.0 0.29 0.58 0.63	0.0 0.0 0.58 0.63	0.23 0.0 0.68 0.5	0.37 0.0 0.75 0.38	0.48 0.0 0.8 0.25	0.56 0.0 0.84 0.13	0.63 0.0 0.88 0.0	0.0 0.87 0.65 0.5	0.0 0.68 0.68 0.5	0.0 0.45 0.68 0.5	0.0 0.23 0.68 0.5	0.0 0.0 0.68 0.5	0.19 0.0 0.75 0.38	0.32 0.0 0.8 0.25	0.42 0.0 0.84 0.13	0.5 0.0 0.88 0.0
12	0.0 0.8 0.27 0.63	0.0 0.58 0.29 0.63	0.0 0.31 0.31 0.63	0.0 0.0 0.31 0.63	0.23 0.0 0.47 0.5	0.38 0.0 0.57 0.38	0.48 0.0 0.65 0.25	0.56 0.0 0.7 0.13	0.63 0.0 0.75 0.0	0.0 0.87 0.43 0.5	0.0 0.68 0.45 0.5	0.0 0.47 0.47 0.5	0.0 0.23 0.47 0.5	0.0 0.0 0.47 0.5	0.19 0.0 0.57 0.38	0.32 0.0 0.65 0.25	0.42 0.0 0.7 0.13	0.5 0.0 0.75 0.0
13	0.0 0.8 0.0 0.63	0.0 0.58 0.0 0.63	0.0 0.31 0.0 0.63	0.0 0.0 0.0 0.63	0.24 0.0 0.24 0.5	0.39 0.0 0.39 0.38	0.49 0.0 0.49 0.25	0.56 0.0 0.56 0.13	0.63 0.0 0.63 0.0	0.0 0.87 0.22 0.5	0.0 0.68 0.23 0.5	0.0 0.47 0.23 0.5	0.0 0.24 0.24 0.5	0.0 0.0 0.24 0.5	0.19 0.0 0.39 0.38	0.33 0.0 0.49 0.25	0.42 0.0 0.56 0.13	0.5 0.0 0.63 0.0
14	0.22 0.87 0.0 0.5	0.23 0.68 0.0 0.5	0.23 0.47 0.0 0.5	0.24 0.24 0.0 0.5	0.24 0.0 0.0 0.5	0.39 0.0 0.19 0.38	0.49 0.0 0.33 0.25	0.56 0.0 0.42 0.13	0.63 0.0 0.5 0.0	0.0 0.87 0.0 0.5	0.0 0.68 0.0 0.5	0.0 0.47 0.0 0.5	0.0 0.24 0.0 0.5	0.0 0.0 0.0 0.5	0.2 0.0 0.2 0.38	0.33 0.0 0.33 0.25	0.42 0.0 0.42 0.13	0.5 0.0 0.5 0.0
15	0.37 0.92 0.0 0.38	0.37 0.75 0.0 0.38	0.38 0.57 0.0 0.38	0.39 0.39 0.0 0.38	0.39 0.19 0.0 0.38	0.39 0.0 0.0 0.38	0.49 0.0 0.16 0.25	0.56 0.0 0.28 0.13	0.63 0.0 0.38 0.0	0.18 0.92 0.0 0.38	0.19 0.75 0.0 0.38	0.19 0.57 0.0 0.38	0.19 0.39 0.0 0.38	0.2 0.2 0.0 0.38	0.2 0.0 0.0 0.38	0.33 0.0 0.16 0.25	0.42 0.0 0.28 0.13	0.5 0.0 0.38 0.0
16	0.48 0.95 0.0 0.25	0.48 0.8 0.0 0.25	0.48 0.65 0.0 0.25	0.49 0.49 0.0 0.25	0.49 0.33 0.0 0.25	0.49 0.16 0.0 0.25	0.49 0.0 0.0 0.25	0.56 0.0 0.14 0.13	0.63 0.0 0.25 0.0	0.32 0.95 0.0 0.25	0.32 0.8 0.0 0.25	0.32 0.65 0.0 0.25	0.33 0.49 0.0 0.25	0.33 0.33 0.0 0.25	0.33 0.16 0.0 0.25	0.33 0.0 0.0 0.25	0.42 0.0 0.14 0.13	0.5 0.0 0.25 0.0
17	0.56 0.98 0.0 0.13	0.56 0.84 0.0 0.13	0.56 0.7 0.0 0.13	0.56 0.56 0.0 0.13	0.56 0.42 0.0 0.13	0.56 0.28 0.0 0.13	0.56 0.14 0.0 0.13	0.56 0.0 0.0 0.13	0.63 0.0 0.13 0.0	0.42 0.98 0.0 0.13	0.42 0.84 0.0 0.13	0.42 0.7 0.0 0.13	0.42 0.56 0.0 0.13	0.42 0.42 0.0 0.13	0.42 0.28 0.0 0.13	0.42 0.14 0.0 0.13	0.42 0.0 0.0 0.13	0.5 0.0 0.13 0.0
18	0.63 1.0 0.0 0.0	0.63 0.88 0.0 0.0	0.63 0.75 0.0 0.0	0.63 0.63 0.0 0.0	0.63 0.5 0.0 0.0	0.63 0.38 0.0 0.0	0.63 0.25 0.0 0.0	0.63 0.13 0.0 0.0	0.63 0.0 0.0 0.0	0.5 1.0 0.0 0.0	0.5 0.88 0.0 0.0	0.5 0.75 0.0 0.0	0.5 0.63 0.0 0.0	0.5 0.5 0.0 0.0	0.5 0.38 0.0 0.0	0.5 0.25 0.0 0.0	0.5 0.13 0.0 0.0	0.5 0.0 0.0 0.0
19	0.0 0.95 0.95 0.25	0.0 0.79 0.95 0.25	0.0 0.63 0.95 0.25	0.0 0.48 0.95 0.25	0.0 0.32 0.95 0.25	0.0 0.16 0.95 0.25	0.0 0.0 0.95 0.25	0.14 0.0 0.98 0.13	0.25 0.0 1.0 0.0	0.0 0.98 0.98 0.13	0.0 0.84 0.98 0.13	0.0 0.7 0.98 0.13	0.0 0.56 0.98 0.13	0.0 0.42 0.98 0.13	0.0 0.28 0.98 0.13	0.0 0.14 0.98 0.13	0.0 0.0 0.98 0.13	0.13 0.0 1.0 0.0
20	0.0 0.95 0.79 0.25	0.0 0.8 0.8 0.25	0.0 0.64 0.8 0.25	0.0 0.48 0.8 0.25	0.0 0.32 0.8 0.25	0.0 0.16 0.8 0.25	0.0 0.0 0.8 0.25	0.14 0.0 0.84 0.13	0.25 0.0 0.88 0.0	0.0 0.98 0.84 0.13	0.0 0.84 0.84 0.13	0.0 0.7 0.84 0.13	0.0 0.56 0.84 0.13	0.0 0.42 0.84 0.13	0.0 0.28 0.84 0.13	0.0 0.14 0.84 0.13	0.0 0.0 0.84 0.13	0.13 0.0 0.88 0.0
21	0.0 0.95 0.63 0.25	0.0 0.8 0.64 0.25	0.0 0.65 0.65 0.25	0.0 0.48 0.65 0.25	0.0 0.32 0.65 0.25	0.0 0.16 0.65 0.25	0.0 0.0 0.65 0.25	0.14 0.0 0.7 0.13	0.25 0.0 0.75 0.0	0.0 0.98 0.7 0.13	0.0 0.84 0.7 0.13	0.0 0.7 0.7 0.13	0.0 0.56 0.7 0.13	0.0 0.42 0.7 0.13	0.0 0.28 0.7 0.13	0.0 0.14 0.7 0.13	0.0 0.0 0.7 0.13	0.13 0.0 0.75 0.0
22	0.0 0.95 0.48 0.25	0.0 0.8 0.48 0.25	0.0 0.65 0.48 0.25	0.0 0.49 0.49 0.25	0.0 0.33 0.49 0.25	0.0 0.16 0.49 0.25	0.0 0.0 0.49 0.25	0.14 0.0 0.56 0.13	0.25 0.0 0.63 0.0	0.0 0.98 0.56 0.13	0.0 0.84 0.56 0.13	0.0 0.7 0.56 0.13	0.0 0.56 0.56 0.13	0.0 0.42 0.56 0.13	0.0 0.28 0.56 0.13	0.0 0.14 0.56 0.13	0.0 0.0 0.56 0.13	0.13 0.0 0.63 0.0
23	0.0 0.95 0.32 0.25	0.0 0.8 0.32 0.25	0.0 0.65 0.32 0.25	0.0 0.49 0.33 0.25	0.0 0.33 0.33 0.25	0.0 0.16 0.33 0.25	0.0 0.0 0.33 0.25	0.14 0.0 0.42 0.13	0.25 0.0 0.5 0.0	0.0 0.98 0.42 0.13	0.0 0.84 0.42 0.13	0.0 0.7 0.42 0.13	0.0 0.56 0.42 0.13	0.0 0.42 0.42 0.13	0.0 0.28 0.42 0.13	0.0 0.14 0.42 0.13	0.0 0.0 0.42 0.13	0.13 0.0 0.5 0.0
24	0.0 0.95 0.16 0.25	0.0 0.8 0.16 0.25	0.0 0.65 0.16 0.25	0.0 0.49 0.16 0.25	0.0 0.33 0.16 0.25	0.0 0.17 0.17 0.25	0.0 0.0 0.17 0.25	0.14 0.0 0.28 0.13	0.25 0.0 0.38 0.0	0.0 0.98 0.28 0.13	0.0 0.84 0.28 0.13	0.0 0.7 0.28 0.13	0.0 0.56 0.28 0.13	0.0 0.42 0.28 0.13	0.0 0.28 0.28 0.13	0.0 0.14 0.28 0.13	0.0 0.0 0.28 0.13	0.13 0.0 0.38 0.0
25	0.0 0.95 0.0 0.25	0.0 0.8 0.0 0.25	0.0 0.65 0.0 0.25	0.0 0.49 0.0 0.25	0.0 0.33 0.0 0.25	0.0 0.17 0.0 0.25	0.0 0.0 0.0 0.25	0.14 0.0 0.14 0.13	0.25 0.0 0.25 0.0	0.0 0.98 0.14 0.13	0.0 0.84 0.14 0.13	0.0 0.7 0.14 0.13	0.0 0.56 0.14 0.13	0.0 0.42 0.14 0.13	0.0 0.28 0.14 0.13	0.0 0.14 0.14 0.13	0.0 0.0 0.14 0.13	0.13 0.0 0.25 0.0
26	0.14 0.98 0.0 0.13	0.14 0.84 0.0 0.13	0.14 0.7 0.0 0.13	0.14 0.56 0.0 0.13	0.14 0.42 0.0 0.13	0.14 0.28 0.0 0.13	0.14 0.14 0.0 0.13	0.14 0.0 0.0 0.13	0.25 0.0 0.13 0.0	0.0 0.98 0.0 0.13	0.0 0.84 0.0 0.13	0.0 0.7 0.0 0.13	0.0 0.56 0.0 0.13	0.0 0.42 0.0 0.13	0.0 0.28 0.0 0.13	0.0 0.14 0.0 0.13	0.0 0.0 0.0 0.13	0.13 0.0 0.13 0.0
27	0.25 1.0 0.0 0.0	0.25 0.88 0.0 0.0	0.25 0.75 0.0 0.0	0.25 0.63 0.0 0.0	0.25 0.5 0.0 0.0	0.25 0.38 0.0 0.0	0.25 0.25 0.0 0.0	0.25 0.13 0.0 0.0	0.25 0.0 0.0 0.0	0.13 1.0 0.0 0.0	0.13 0.88 0.0 0.0	0.13 0.75 0.0 0.0	0.13 0.63 0.0 0.0	0.13 0.5 0.0 0.0	0.13 0.38 0.0 0.0	0.13 0.25 0.0 0.0	0.13 0.13 0.0 0.0	0.13 0.0 0.0 0.0

	S	T	U	V	W	X	Y	Z	a
01	0.0 0.69 0.69 0.75	0.0 0.34 0.69 0.75	0.0 0.0 0.69 0.75	0.27 0.0 0.8 0.63	0.43 0.0 0.87 0.5	0.55 0.0 0.92 0.38	0.63 0.0 0.95 0.25	0.7 0.0 0.98 0.13	0.75 0.0 1.0 0.0
02	0.0 0.69 0.34 0.75	0.0 0.42 0.42 0.75	0.0 0.0 0.42 0.75	0.29 0.0 0.58 0.63	0.45 0.0 0.68 0.5	0.56 0.0 0.75 0.38	0.64 0.0 0.8 0.25	0.7 0.0 0.84 0.13	0.75 0.0 0.88 0.0
03	0.0 0.69 0.0 0.75	0.0 0.42 0.0 0.75	0.0 0.0 0.0 0.75	0.31 0.0 0.31 0.63	0.47 0.0 0.47 0.5	0.57 0.0 0.57 0.38	0.65 0.0 0.65 0.25	0.7 0.0 0.7 0.13	0.75 0.0 0.75 0.0
04	0.27 0.8 0.0 0.63	0.29 0.58 0.0 0.63	0.31 0.31 0.0 0.63	0.31 0.0 0.0 0.63	0.47 0.0 0.23 0.5	0.57 0.0 0.38 0.38	0.65 0.0 0.48 0.25	0.7 0.0 0.56 0.13	0.75 0.0 0.63 0.0
05	0.43 0.87 0.0 0.5	0.45 0.68 0.0 0.5	0.47 0.47 0.0 0.5	0.47 0.23 0.0 0.5	0.47 0.0 0.0 0.5	0.57 0.0 0.19 0.38	0.65 0.0 0.32 0.25	0.7 0.0 0.42 0.13	0.75 0.0 0.5 0.0
06	0.55 0.92 0.0 0.38	0.56 0.75 0.0 0.38	0.57 0.57 0.0 0.38	0.57 0.38 0.0 0.38	0.57 0.19 0.0 0.38	0.57 0.0 0.0 0.38	0.65 0.0 0.16 0.25	0.7 0.0 0.28 0.13	0.75 0.0 0.38 0.0
07	0.63 0.95 0.0 0.25	0.64 0.8 0.0 0.25	0.65 0.65 0.0 0.25	0.65 0.48 0.0 0.25	0.65 0.32 0.0 0.25	0.65 0.16 0.0 0.25	0.65 0.0 0.0 0.25	0.7 0.0 0.14 0.13	0.75 0.0 0.25 0.0
08	0.7 0.98 0.0 0.13	0.7 0.84 0.0 0.13	0.7 0.7 0.0 0.13	0.7 0.56 0.0 0.13	0.7 0.42 0.0 0.13	0.7 0.28 0.0 0.13	0.7 0.14 0.0 0.13	0.7 0.0 0.0 0.13	0.75 0.0 0.13 0.0
09	0.75 1.0 0.0 0.0	0.75 0.88 0.0 0.0	0.75 0.75 0.0 0.0	0.75 0.63 0.0 0.0	0.75 0.5 0.0 0.0	0.75 0.38 0.0 0.0	0.75 0.25 0.0 0.0	0.75 0.13 0.0 0.0	0.75 0.0 0.0 0.0
10	0.0 0.92 0.92 0.38	0.0 0.73 0.92 0.38	0.0 0.55 0.92 0.38	0.0 0.37 0.92 0.38	0.0 0.18 0.92 0.38	0.0 0.0 0.92 0.38	0.16 0.0 0.95 0.25	0.28 0.0 0.98 0.13	0.38 0.0 1.0 0.0
11	0.0 0.92 0.73 0.38	0.0 0.75 0.75 0.38	0.0 0.56 0.75 0.38	0.0 0.37 0.75 0.38	0.0 0.19 0.75 0.38	0.0 0.0 0.75 0.38	0.16 0.0 0.8 0.25	0.28 0.0 0.84 0.13	0.38 0.0 0.88 0.0
12	0.0 0.92 0.55 0.38	0.0 0.75 0.56 0.38	0.0 0.57 0.57 0.38	0.0 0.38 0.57 0.38	0.0 0.19 0.57 0.38	0.0 0.0 0.57 0.38	0.16 0.0 0.65 0.25	0.28 0.0 0.7 0.13	0.38 0.0 0.75 0.0
13	0.0 0.92 0.37 0.38	0.0 0.75 0.37 0.38	0.0 0.57 0.38 0.38	0.0 0.39 0.39 0.38	0.0 0.19 0.39 0.38	0.0 0.0 0.39 0.38	0.16 0.0 0.49 0.25	0.28 0.0 0.56 0.13	0.38 0.0 0.63 0.0
14	0.0 0.92 0.18 0.38	0.0 0.75 0.19 0.38	0.0 0.57 0.19 0.38	0.0 0.39 0.19 0.38	0.0 0.2 0.2 0.38	0.0 0.0 0.2 0.38	0.16 0.0 0.33 0.25	0.28 0.0 0.42 0.13	0.38 0.0 0.5 0.0
15	0.0 0.92 0.0 0.38	0.0 0.75 0.0 0.38	0.0 0.57 0.0 0.38	0.0 0.39 0.0 0.38	0.0 0.2 0.0 0.38	0.0 0.0 0.0 0.38	0.17 0.0 0.17 0.25	0.28 0.0 0.28 0.13	0.38 0.0 0.38 0.0
16	0.16 0.95 0.0 0.25	0.16 0.8 0.0 0.25	0.16 0.65 0.0 0.25	0.16 0.49 0.0 0.25	0.16 0.33 0.0 0.25	0.17 0.17 0.0 0.25	0.17 0.0 0.0 0.25	0.28 0.0 0.14 0.13	0.38 0.0 0.25 0.0
17	0.28 0.98 0.0 0.13	0.28 0.84 0.0 0.13	0.28 0.7 0.0 0.13	0.28 0.56 0.0 0.13	0.28 0.42 0.0 0.13	0.28 0.28 0.0 0.13	0.28 0.14 0.0 0.13	0.28 0.0 0.0 0.13	0.38 0.0 0.13 0.0
18	0.38 1.0 0.0 0.0	0.38 0.88 0.0 0.0	0.38 0.75 0.0 0.0	0.38 0.63 0.0 0.0	0.38 0.5 0.0 0.0	0.38 0.38 0.0 0.0	0.38 0.25 0.0 0.0	0.38 0.13 0.0 0.0	0.38 0.0 0.0 0.0
19	0.0 1.0 1.0 0.0	0.0 0.88 1.0 0.0	0.0 0.75 1.0 0.0	0.0 0.63 1.0 0.0	0.0 0.5 1.0 0.0	0.0 0.38 1.0 0.0	0.0 0.25 1.0 0.0	0.0 0.13 1.0 0.0	0.0 0.0 1.0 0.0
20	0.0 1.0 0.88 0.0	0.0 0.88 0.88 0.0	0.0 0.75 0.88 0.0	0.0 0.63 0.88 0.0	0.0 0.5 0.88 0.0	0.0 0.38 0.88 0.0	0.0 0.25 0.88 0.0	0.0 0.13 0.88 0.0	0.0 0.0 0.88 0.0
21	0.0 1.0 0.75 0.0	0.0 0.88 0.75 0.0	0.0 0.75 0.75 0.0	0.0 0.63 0.75 0.0	0.0 0.5 0.75 0.0	0.0 0.38 0.75 0.0	0.0 0.25 0.75 0.0	0.0 0.13 0.75 0.0	0.0 0.0 0.75 0.0
22	0.0 1.0 0.63 0.0	0.0 0.88 0.63 0.0	0.0 0.75 0.63 0.0	0.0 0.63 0.63 0.0	0.0 0.5 0.63 0.0	0.0 0.38 0.63 0.0	0.0 0.25 0.63 0.0	0.0 0.13 0.63 0.0	0.0 0.0 0.63 0.0
23	0.0 1.0 0.5 0.0	0.0 0.88 0.5 0.0	0.0 0.75 0.5 0.0	0.0 0.63 0.5 0.0	0.0 0.5 0.5 0.0	0.0 0.38 0.5 0.0	0.0 0.25 0.5 0.0	0.0 0.13 0.5 0.0	0.0 0.0 0.5 0.0
24	0.0 1.0 0.38 0.0	0.0 0.88 0.38 0.0	0.0 0.75 0.38 0.0	0.0 0.63 0.38 0.0	0.0 0.5 0.38 0.0	0.0 0.38 0.38 0.0	0.0 0.25 0.38 0.0	0.0 0.13 0.38 0.0	0.0 0.0 0.38 0.0
25	0.0 1.0 0.25 0.0	0.0 0.88 0.25 0.0	0.0 0.75 0.25 0.0	0.0 0.63 0.25 0.0	0.0 0.5 0.25 0.0	0.0 0.38 0.25 0.0	0.0 0.25 0.25 0.0	0.0 0.13 0.25 0.0	0.0 0.0 0.25 0.0
26	0.0 1.0 0.13 0.0	0.0 0.88 0.13 0.0	0.0 0.75 0.13 0.0	0.0 0.63 0.13 0.0	0.0 0.5 0.13 0.0	0.0 0.38 0.13 0.0	0.0 0.25 0.13 0.0	0.0 0.13 0.13 0.0	0.0 0.0 0.13 0.0
27	0.0 1.0 0.0 0.0	0.0 0.88 0.0 0.0	0.0 0.75 0.0 0.0	0.0 0.63 0.0 0.0	0.0 0.5 0.0 0.0	0.0 0.38 0.0 0.0	0.0 0.25 0.0 0.0	0.0 0.13 0.0 0.0	0.0 0.0 0.0 0.0

	b	c	d	e	f	g	h	i	j	k	*LAB*cmyn'**		
01	0.0 0.0 0.0 0.0	0.0 0.13 0.13 0.0	0.0 0.25 0.25 0.0	0.0 0.38 0.38 0.0	0.0 0.5 0.5 0.0	0.0 0.63 0.63 0.0	0.0 0.75 0.75 0.0	0.0 0.88 0.88 0.0	0.0 1.0 1.0 0.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0
02	0.13 0.0 0.0 0.0	0.0 0.0 0.0 0.13	0.0 0.14 0.14 0.13	0.0 0.28 0.28 0.13	0.0 0.42 0.42 0.13	0.0 0.56 0.56 0.13	0.0 0.7 0.7 0.13	0.0 0.84 0.84 0.13	0.0 0.98 0.98 0.13	0.0 0.0 0.0 0.88	0.0 0.0 0.0 0.88	0.0 0.0 0.0 0.88	0.0 0.0 0.0 0.88
03	0.25 0.0 0.0 0.0	0.14 0.0 0.0 0.13	0.0 0.0 0.0 0.25	0.0 0.17 0.17 0.25	0.0 0.33 0.33 0.25	0.0 0.49 0.49 0.25	0.0 0.65 0.65 0.25	0.0 0.8 0.8 0.25	0.0 0.95 0.95 0.25	0.0 0.0 0.0 0.75	0.0 0.0 0.0 0.75	0.0 0.0 0.0 0.75	0.0 0.0 0.0 0.75
04	0.38 0.0 0.0 0.0	0.28 0.0 0.0 0.13	0.17 0.0 0.0 0.25	0.0 0.0 0.0 0.38	0.0 0.2 0.2 0.38	0.0 0.39 0.39 0.38	0.0 0.57 0.57 0.38	0.0 0.75 0.75 0.38	0.0 0.92 0.92 0.38	0.0 0.0 0.0 0.63	0.0 0.0 0.0 0.63	0.0 0.0 0.0 0.63	0.0 0.0 0.0 0.63
05	0.5 0.0 0.0 0.0	0.42 0.0 0.0 0.13	0.33 0.0 0.0 0.25	0.2 0.0 0.0 0.38	0.0 0.0 0.0 0.5	0.0 0.24 0.24 0.5	0.0 0.47 0.47 0.5	0.0 0.68 0.68 0.5	0.0 0.87 0.87 0.5	0.0 0.0 0.0 0.5	0.0 0.0 0.0 0.5	0.0 0.0 0.0 0.5	0.0 0.0 0.0 0.5
06	0.63 0.0 0.0 0.0	0.56 0.0 0.0 0.13	0.49 0.0 0.0 0.25	0.39 0.0 0.0 0.38	0.24 0.0 0.0 0.5	0.0 0.0 0.0 0.63	0.0 0.31 0.31 0.63	0.0 0.58 0.58 0.63	0.0 0.8 0.8 0.63	0.0 0.0 0.0 0.38	0.0 0.0 0.0 0.38	0.0 0.0 0.0 0.38	0.0 0.0 0.0 0.38
07	0.75 0.0 0.0 0.0	0.7 0.0 0.0 0.13	0.65 0.0 0.0 0.25	0.57 0.0 0.0 0.38	0.47 0.0 0.0 0.5	0.31 0.0 0.0 0.63	0.0 0.0 0.0 0.75	0.0 0.42 0.42 0.75	0.0 0.69 0.69 0.75	0.0 0.0 0.0 0.25	0.0 0.0 0.0 0.25	0.0 0.0 0.0 0.25	0.0 0.0 0.0 0.25
08	0.88 0.0 0.0 0.0	0.84 0.0 0.0 0.13	0.8 0.0 0.0 0.25	0.75 0.0 0.0 0.38	0.68 0.0 0.0 0.5	0.58 0.0 0.0 0.63	0.42 0.0 0.0 0.75	0.0 0.0 0.0 0.88	0.0 0.48 0.48 0.88	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13
09	1.0 0.0 0.0 0.0	0.98 0.0 0.0 0.13	0.95 0.0 0.0 0.25	0.92 0.0 0.0 0.38	0.87 0.0 0.0 0.5	0.8 0.0 0.0 0.63	0.69 0.0 0.0 0.75	0.48 0.0 0.0 0.88	0.0 0.0 0.0 1.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
10	0.0 0.0 0.0 0.0	0.0 0.0 0.13 0.0	0.0 0.0 0.25 0.0	0.0 0.0 0.38 0.0	0.0 0.0 0.5 0.0	0.0 0.0 0.63 0.0	0.0 0.0 0.75 0.0	0.0 0.0 0.88 0.0	0.0 0.0 1.0 0.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0
11	0.13 0.13 0.0 0.0	0.0 0.0 0.0 0.13	0.0 0.0 0.14 0.13	0.0 0.0 0.28 0.13	0.0 0.0 0.42 0.13	0.0 0.0 0.56 0.13	0.0 0.0 0.7 0.13	0.0 0.0 0.84 0.13	0.0 0.0 0.98 0.13	0.0 0.0 0.0 0.93	0.0 0.0 0.0 0.93	0.0 0.0 0.0 0.93	0.0 0.0 0.0 0.93
12	0.25 0.25 0.0 0.0	0.14 0.14 0.0 0.13	0.0 0.0 0.0 0.25	0.0 0.0 0.17 0.25	0.0 0.0 0.33 0.25	0.0 0.0 0.49 0.25	0.0 0.0 0.65 0.25	0.0 0.0 0.8 0.25	0.0 0.0 0.95 0.25	0.0 0.0 0.0 0.87	0.0 0.0 0.0 0.87	0.0 0.0 0.0 0.87	0.0 0.0 0.0 0.87
13	0.38 0.38 0.0 0.0	0.28 0.28 0.0 0.13	0.17 0.17 0.0 0.25	0.0 0.0 0.0 0.38	0.0 0.0 0.2 0.38	0.0 0.0 0.39 0.38	0.0 0.0 0.57 0.38	0.0 0.0 0.75 0.38	0.0 0.0 0.92 0.38	0.0 0.0 0.0 0.8	0.0 0.0 0.0 0.8	0.0 0.0 0.0 0.8	0.0 0.0 0.0 0.8
14	0.5 0.5 0.0 0.0	0.42 0.42 0.0 0.13	0.33 0.33 0.0 0.25	0.2 0.2 0.0 0.38	0.0 0.0 0.0 0.5	0.0 0.0 0.24 0.5	0.0 0.0 0.47 0.5	0.0 0.0 0.68 0.5	0.0 0.0 0.87 0.5	0.0 0.0 0.0 0.73	0.0 0.0 0.0 0.73	0.0 0.0 0.0 0.73	0.0 0.0 0.0 0.73
15	0.63 0.63 0.0 0.0	0.56 0.56 0.0 0.13	0.49 0.49 0.0 0.25	0.39 0.39 0.0 0.38	0.24 0.24 0.0 0.5	0.0 0.0 0.0 0.63	0.0 0.0 0.31 0.63	0.0 0.0 0.58 0.63	0.0 0.0 0.8 0.63	0.0 0.0 0.0 0.67	0.0 0.0 0.0 0.67	0.0 0.0 0.0 0.67	0.0 0.0 0.0 0.67
16	0.75 0.75 0.0 0.0	0.7 0.7 0.0 0.13	0.65 0.65 0.0 0.25	0.57 0.57 0.0 0.38	0.47 0.47 0.0 0.5	0.31 0.31 0.0 0.63	0.0 0.0 0.0 0.75	0.0 0.0 0.42 0.75	0.0 0.0 0.69 0.75	0.0 0.0 0.0 0.6	0.0 0.0 0.0 0.6	0.0 0.0 0.0 0.6	0.0 0.0 0.0 0.6
17	0.88 0.88 0.0 0.0	0.84 0.84 0.0 0.13	0.8 0.8 0.0 0.25	0.75 0.75 0.0 0.38	0.68 0.68 0.0 0.5	0.58 0.58 0.0 0.63	0.42 0.42 0.0 0.75	0.0 0.0 0.0 0.88	0.0 0.0 0.48 0.88	0.0 0.0 0.0 0.53	0.0 0.0 0.0 0.53	0.0 0.0 0.0 0.53	0.0 0.0 0.0 0.53
18	1.0 1.0 0.0 0.0	0.98 0.98 0.0 0.13	0.95 0.95 0.0 0.25	0.92 0.92 0.0 0.38	0.87 0.87 0.0 0.5	0.8 0.8 0.0 0.63	0.69 0.69 0.0 0.75	0.48 0.48 0.0 0.88	0.0 0.0 0.0 1.0	0.0 0.0 0.0 0.47	0.0 0.0 0.0 0.47	0.0 0.0 0.0 0.47	0.0 0.0 0.0 0.47
19	0.0 0.0 0.0 0.0	0.13 0.0 0.13 0.0	0.25 0.0 0.25 0.0	0.38 0.0 0.38 0.0	0.5 0.0 0.5 0.0	0.63 0.0 0.63 0.0	0.75 0.0 0.75 0.0	0.88 0.0 0.88 0.0	1.0 0.0 1.0 0.0	0.0 0.0 0.0 0.4	0.0 0.0 0.0 0.4	0.0 0.0 0.0 0.4	0.0 0.0 0.0 0.4
20	0.0 0.13 0.0 0.0	0.0 0.0 0.0 0.13	0.14 0.0 0.14 0.13	0.28 0.0 0.28 0.13	0.42 0.0 0.42 0.13	0.56 0.0 0.56 0.13	0.7 0.0 0.7 0.13	0.84 0.0 0.84 0.13	0.98 0.0 0.98 0.13	0.0 0.0 0.0 0.33	0.0 0.0 0.0 0.33	0.0 0.0 0.0 0.33	0.0 0.0 0.0 0.33
21	0.0 0.25 0.0 0.0	0.0 0.14 0.0 0.13	0.0 0.0 0.0 0.25	0.17 0.0 0.17 0.25	0.33 0.0 0.33 0.25	0.49 0.0 0.49 0.25	0.65 0.0 0.65 0.25	0.8 0.0 0.8 0.25	0.95 0.0 0.95 0.25	0.0 0.0 0.0 0.27	0.0 0.0 0.0 0.27	0.0 0.0 0.0 0.27	0.0 0.0 0.0 0.27
22	0.0 0.38 0.0 0.0	0.0 0.28 0.0 0.13	0.0 0.17 0.0 0.25	0.0 0.0 0.0 0.38	0.2 0.0 0.2 0.38	0.39 0.0 0.39 0.38	0.57 0.0 0.57 0.38	0.75 0.0 0.75 0.38	0.92 0.0 0.92 0.38	0.0 0.0 0.0 0.2	0.0 0.0 0.0 0.2	0.0 0.0 0.0 0.2	0.0 0.0 0.0 0.2
23	0.0 0.5 0.0 0.0	0.0 0.42 0.0 0.13	0.0 0.33 0.0 0.25	0.0 0.2 0.0 0.38	0.0 0.0 0.0 0.5	0.24 0.0 0.24 0.5	0.47 0.0 0.47 0.5	0.68 0.0 0.68 0.5	0.87 0.0 0.87 0.5	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13
24	0.0 0.63 0.0 0.0	0.0 0.56 0.0 0.13	0.0 0.49 0.0 0.25	0.0 0.39 0.0 0.38	0.0 0.24 0.0 0.5	0.0 0.0 0.0 0.63	0.31 0.0 0.31 0.63	0.58 0.0 0.58 0.63	0.8 0.0 0.8 0.63	0.0 0.0 0.0 0.07	0.0 0.0 0.0 0.07	0.0 0.0 0.0 0.07	0.0 0.0 0.0 0.07
25	0.0 0.75 0.0 0.0	0.0 0.7 0.0 0.13	0.0 0.65 0.0 0.25	0.0 0.57 0.0 0.38	0.0 0.47 0.0 0.5	0.0 0.31 0.0 0.63	0.0 0.0 0.0 0.75	0.42 0.0 0.42 0.75	0.69 0.0 0.69 0.75	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
26	0.0 0.88 0.0 0.0	0.0 0.84 0.0 0.13	0.0 0.8 0.0 0.25	0.0 0.75 0.0 0.38	0.0 0.68 0.0 0.5	0.0 0.58 0.0 0.63	0.0 0.42 0.0 0.75	0.0 0.0 0.0 0.88	0.48 0.0 0.48 0.88	0.0 0.0 0.0 1.0	0.0 1.0 1.0 0.0	0.0 0.0 1.0 0.0	1.0 0.0 1.0 0.0
27	0.0 1.0 0.0 0.0	0.0 0.98 0.0 0.13	0.0 0.95 0.0 0.25	0.0 0.92 0.0 0.38	0.0 0.87 0.0 0.5	0.0 0.8 0.0 0.63	0.0 0.69 0.0 0.75	0.0 0.48 0.0 0.88	0.0 0.0 0.0 1.0	0.0 0.0 0.0 0.0	1.0 0.0 0.0 0.0	1.0 1.0 0.0 0.0	0.0 1.0 0.0 0.0