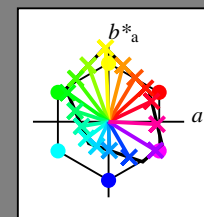


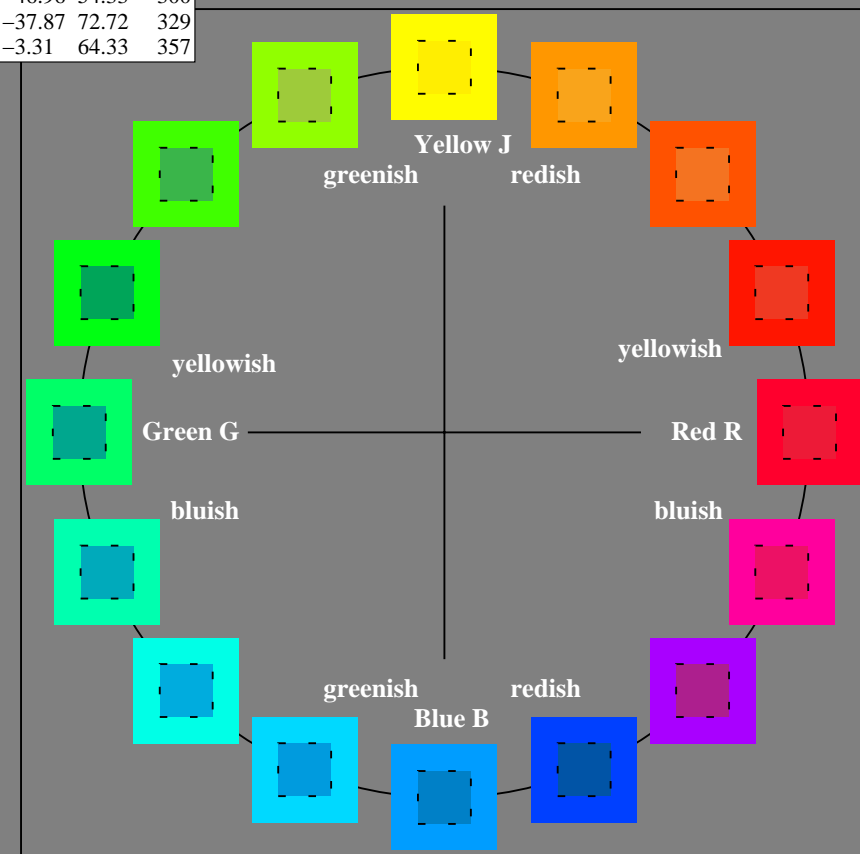
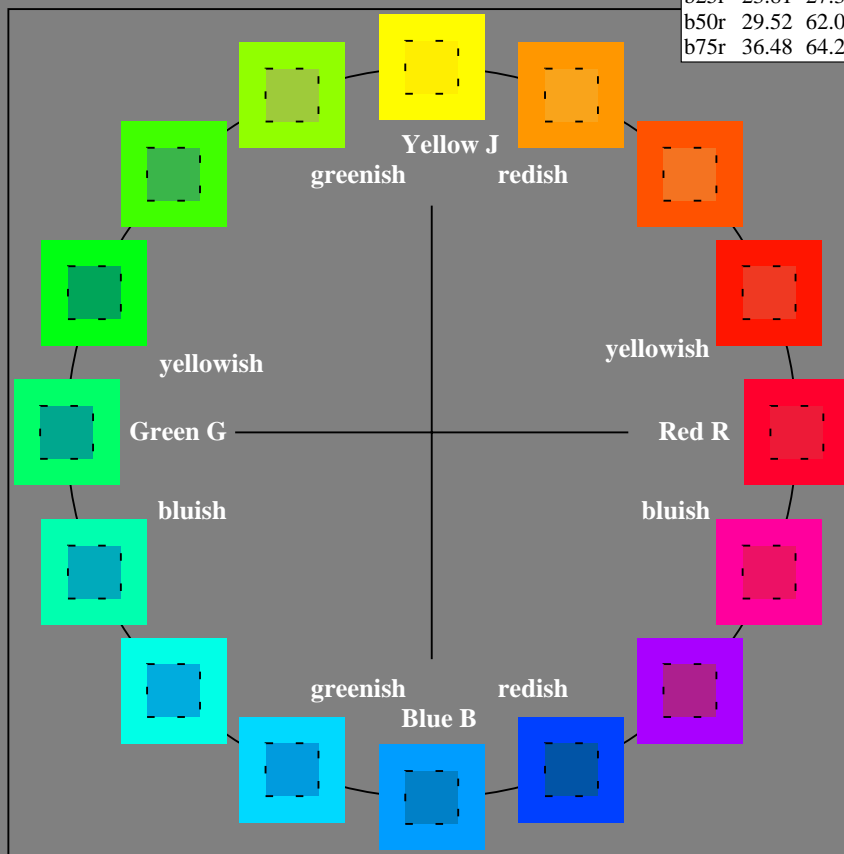
Input and output:
 Colorimetric Printer Reflective System FRS15_90a
 data for any colour:
*lab**tch** and lab**icu***
 elementary hue text:
u = 16 hues r00j, r25j, ..., b75r*
 contrast reduction factor:
 $c_R = 0.9$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



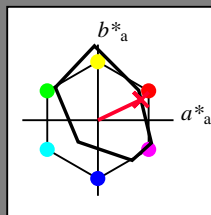
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

$u^* = r00j$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r00j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

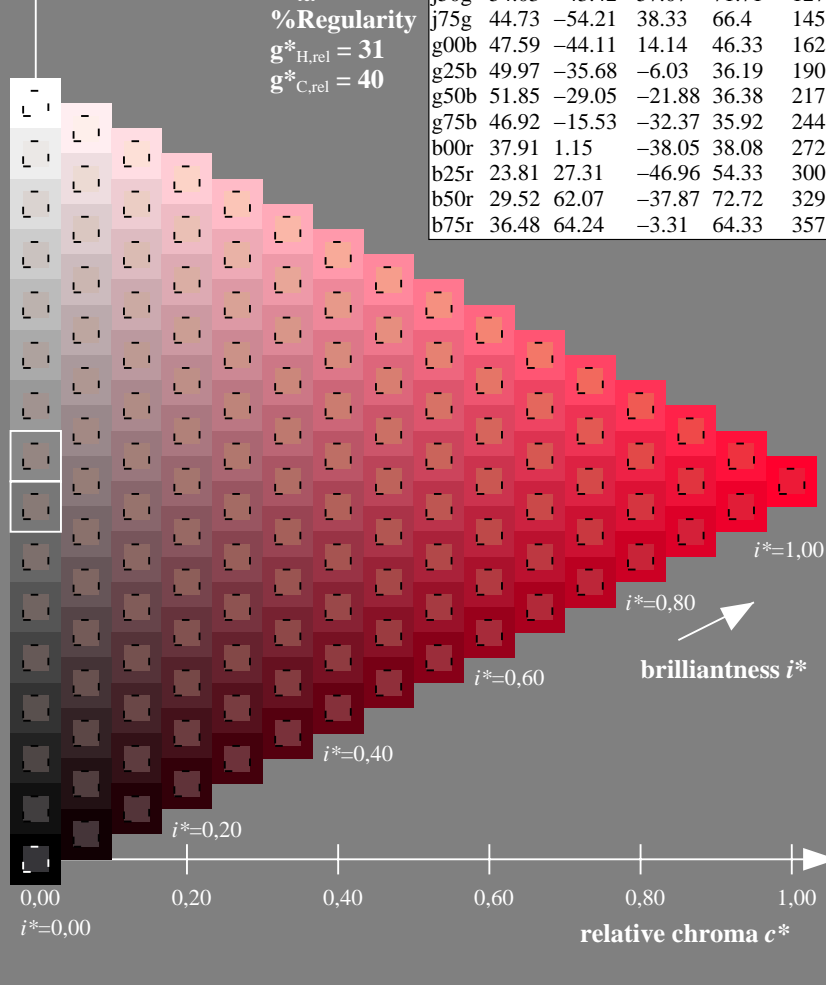
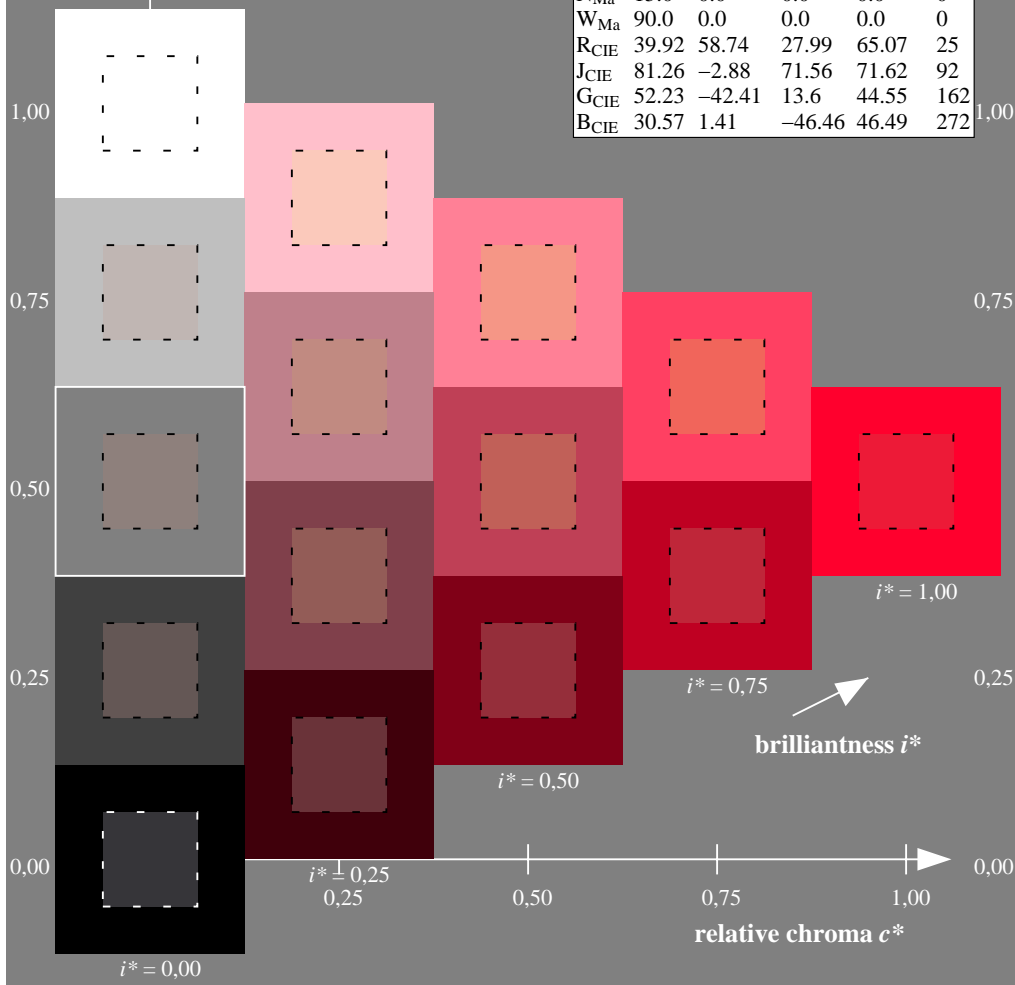
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 57 27
 $LAB^*LCH^*_{Ma}$: 35 63 25
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.18

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



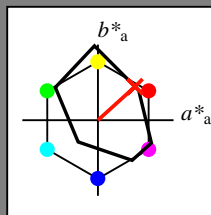
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/.PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

$u^* = r25j$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r25j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

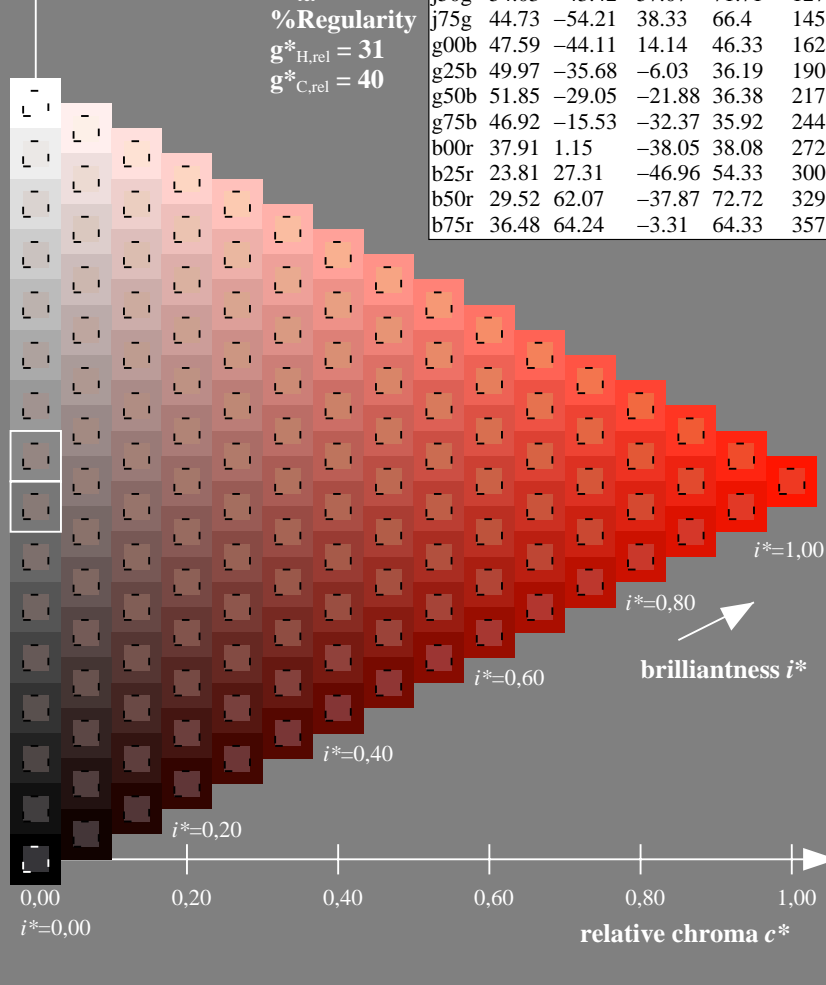
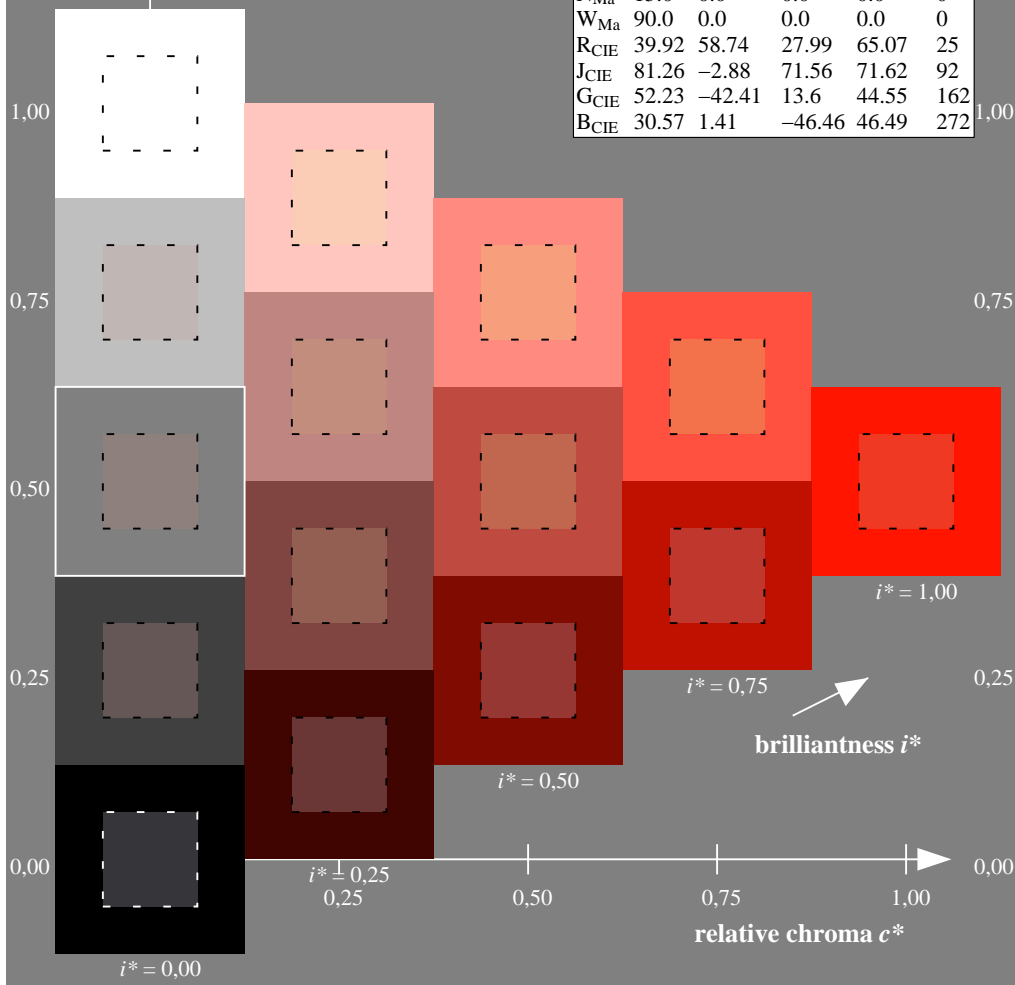
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



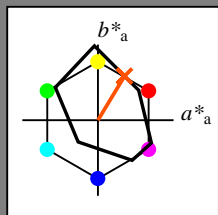
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/ .PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

$u^* = r50j$

data for any colour:
 lab^*ch^* and lab^*icu^*
 elementary hue text:
 $u^* = r50j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

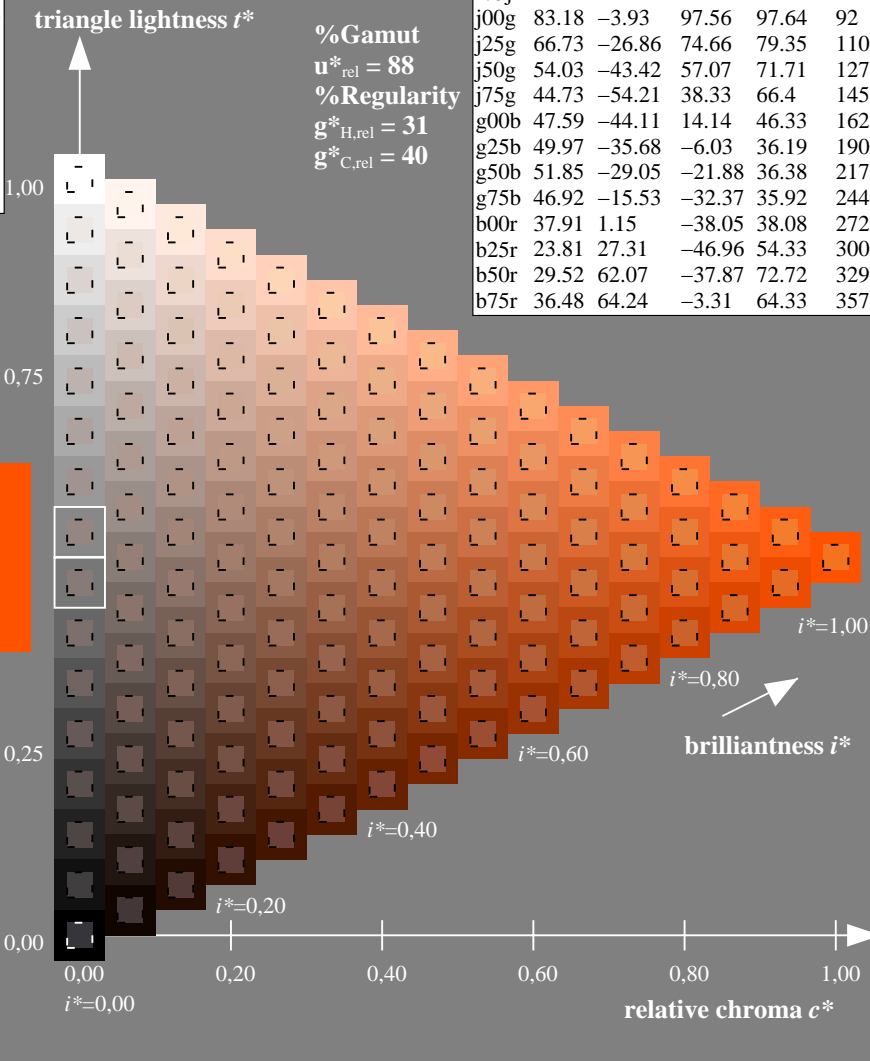
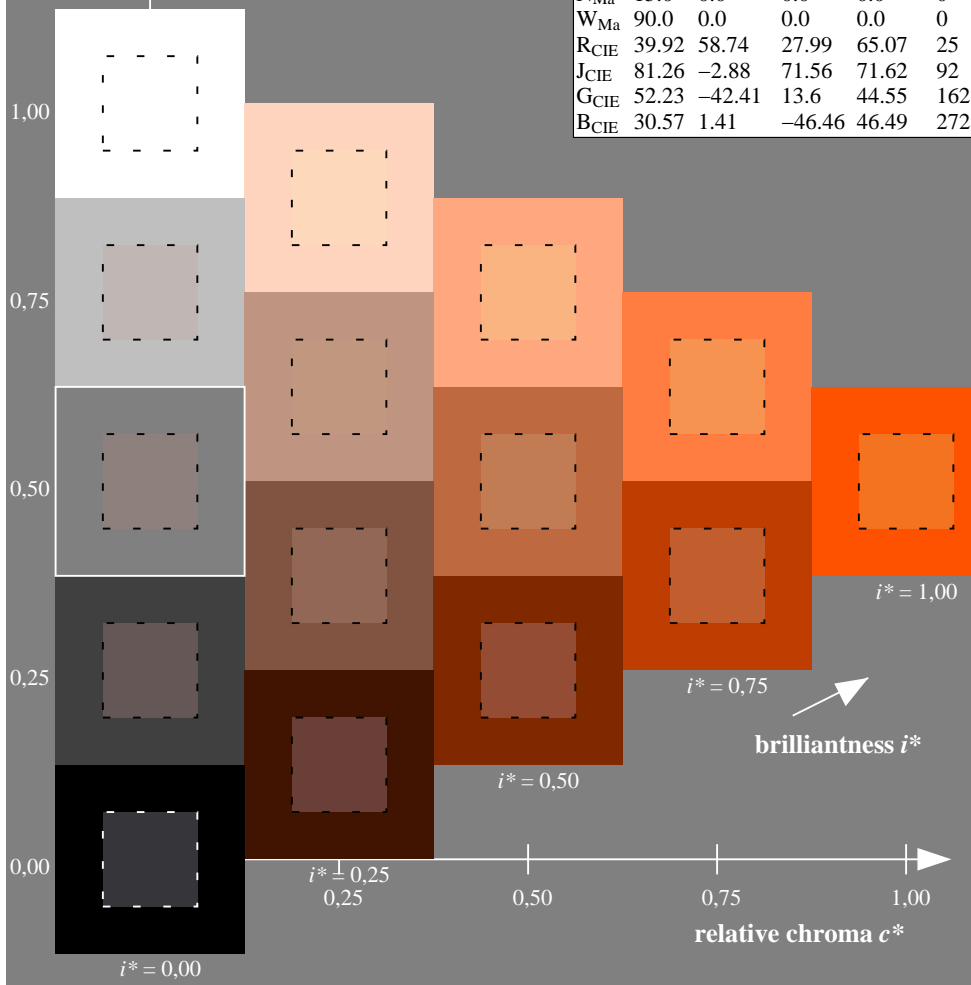
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 35 58
 $LAB^*LCH^*_{Ma}$: 51 68 59
 $lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.32 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



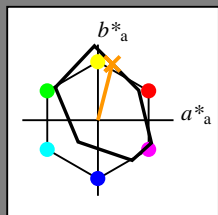
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

$u^* = r75j$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r75j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



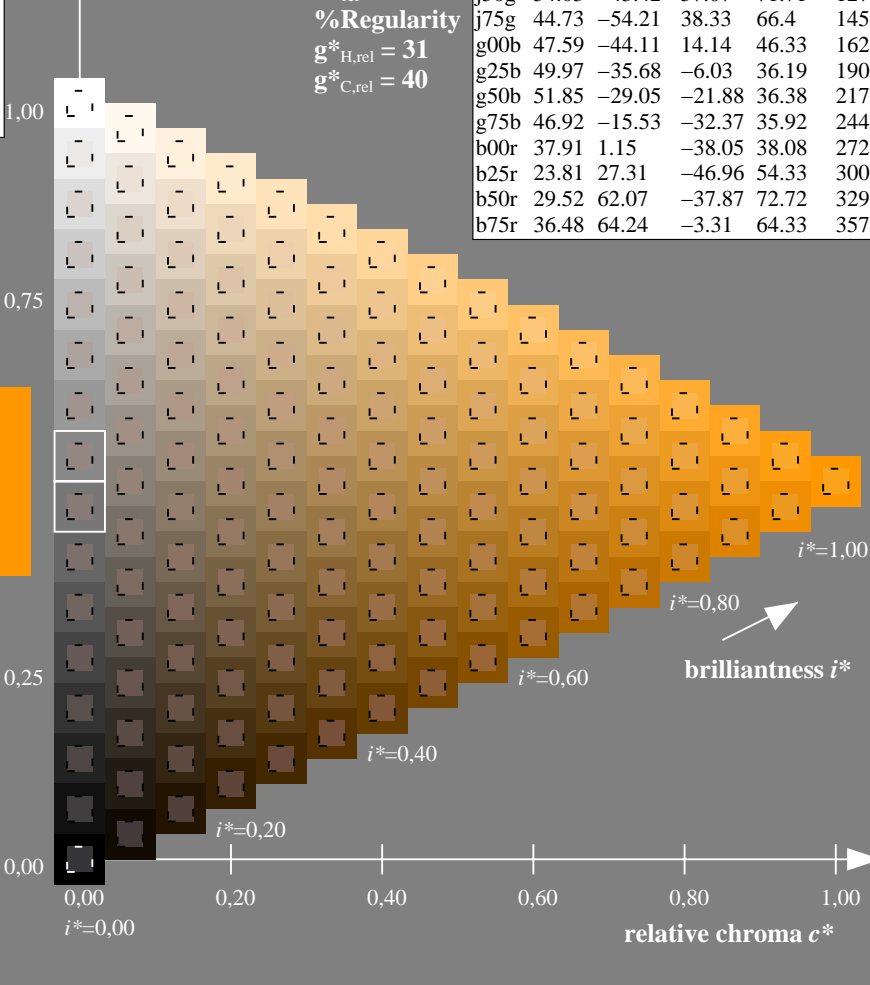
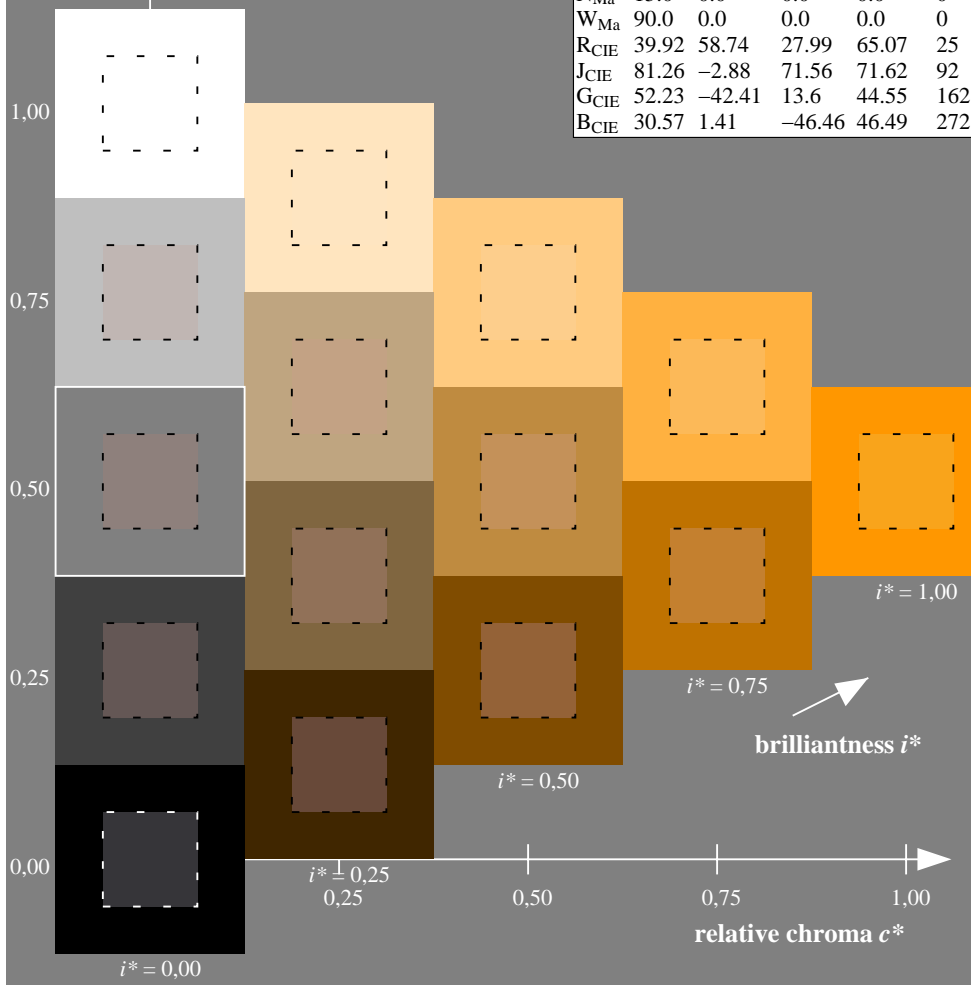
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



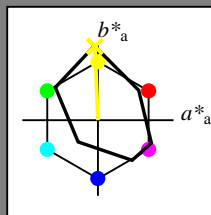
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

$u^* = j00g$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j00g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

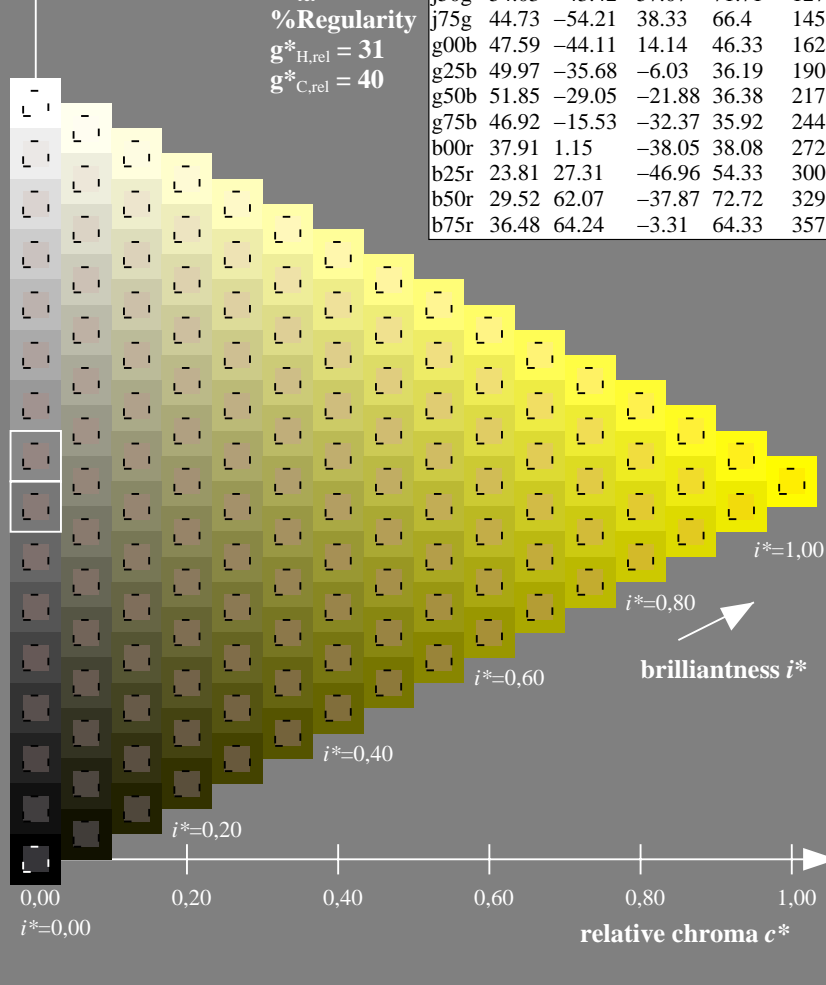
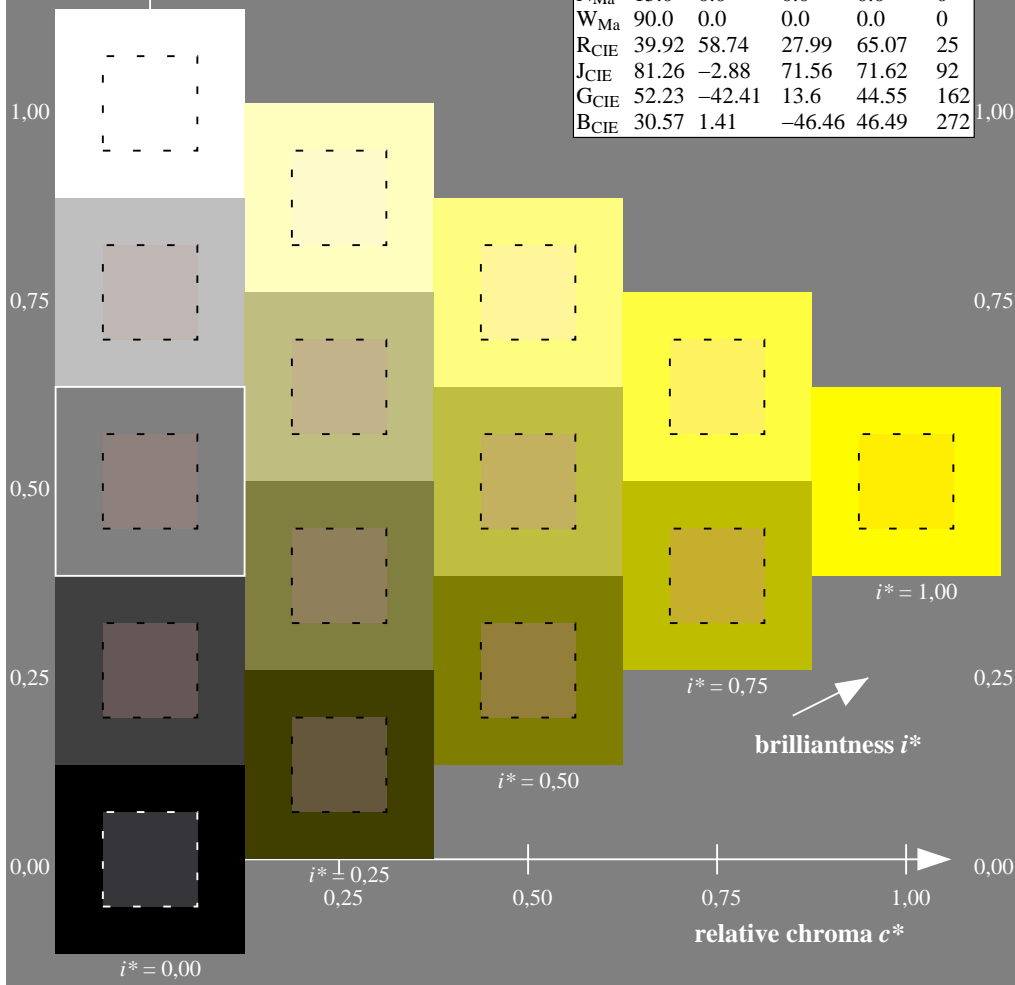
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



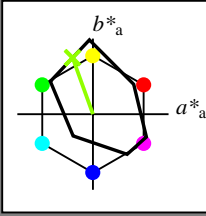
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

$u^* = j25g$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j25g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

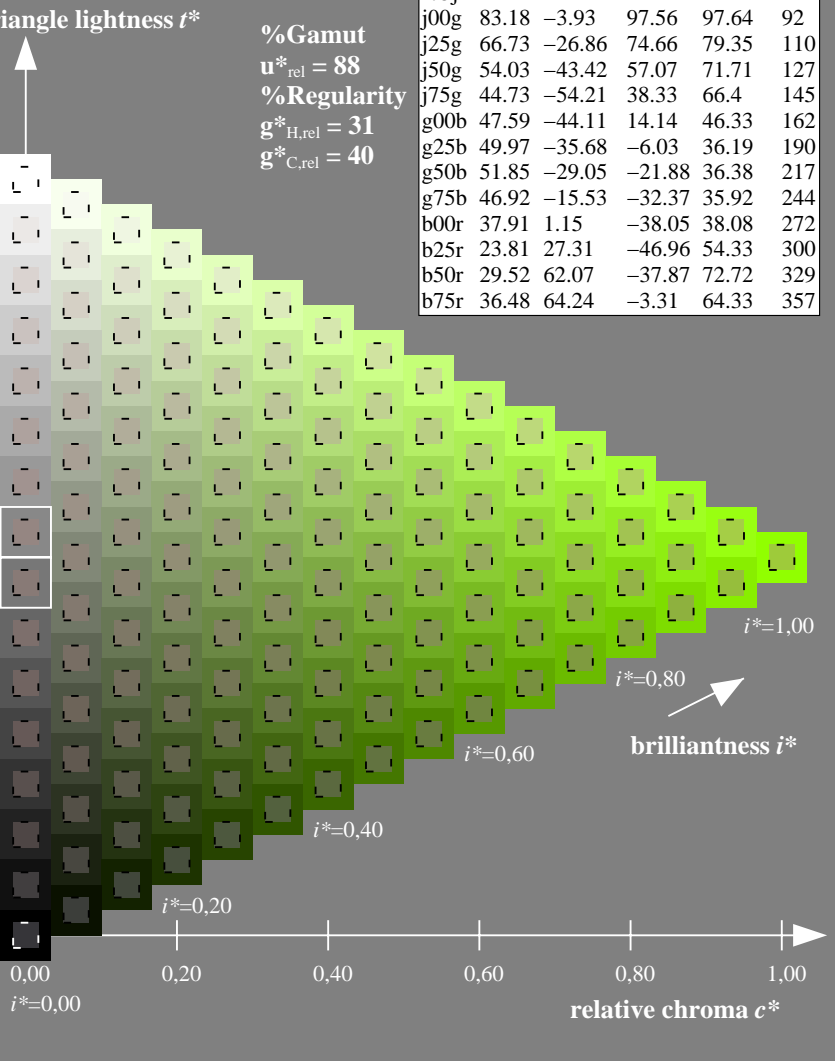
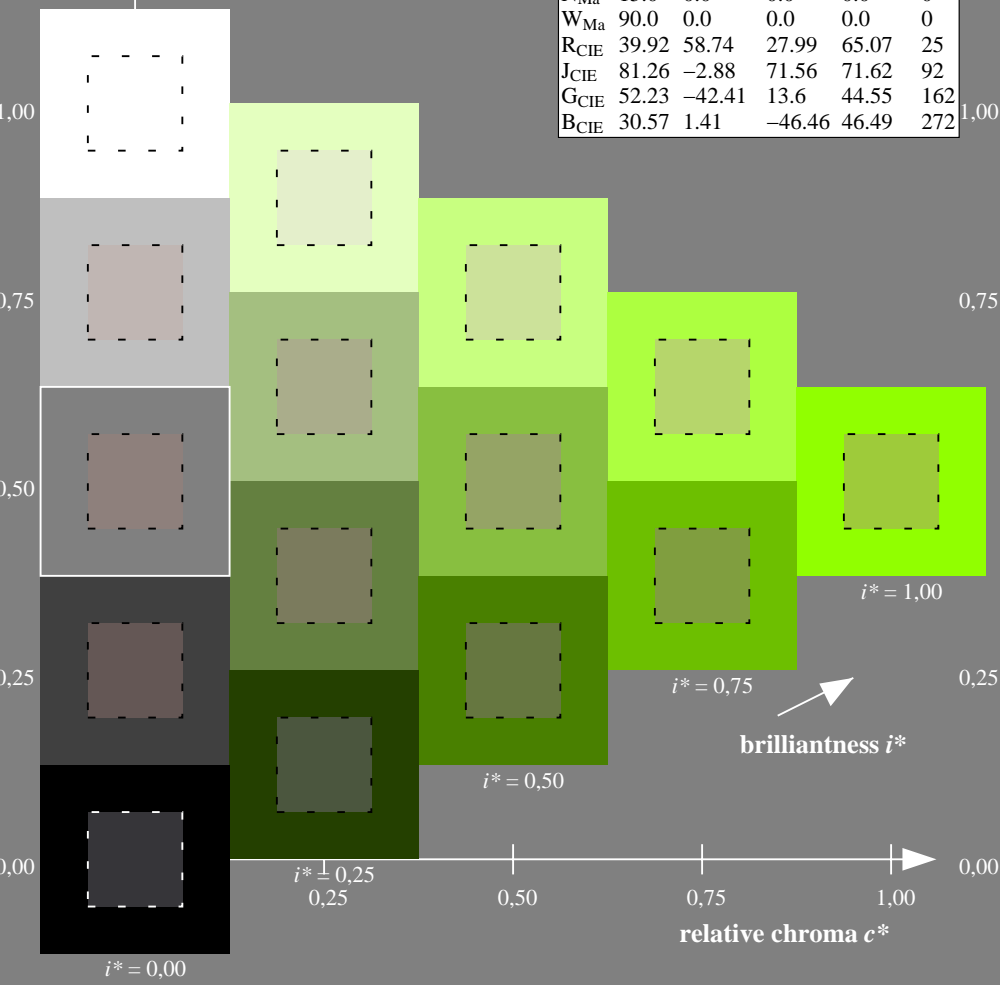
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -26 75
 $LAB^*LCH^*_{Ma}$: 67 79 110
 $lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.57 1.0 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



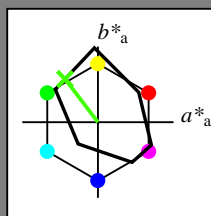
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

$u^* = j50g$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j50g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

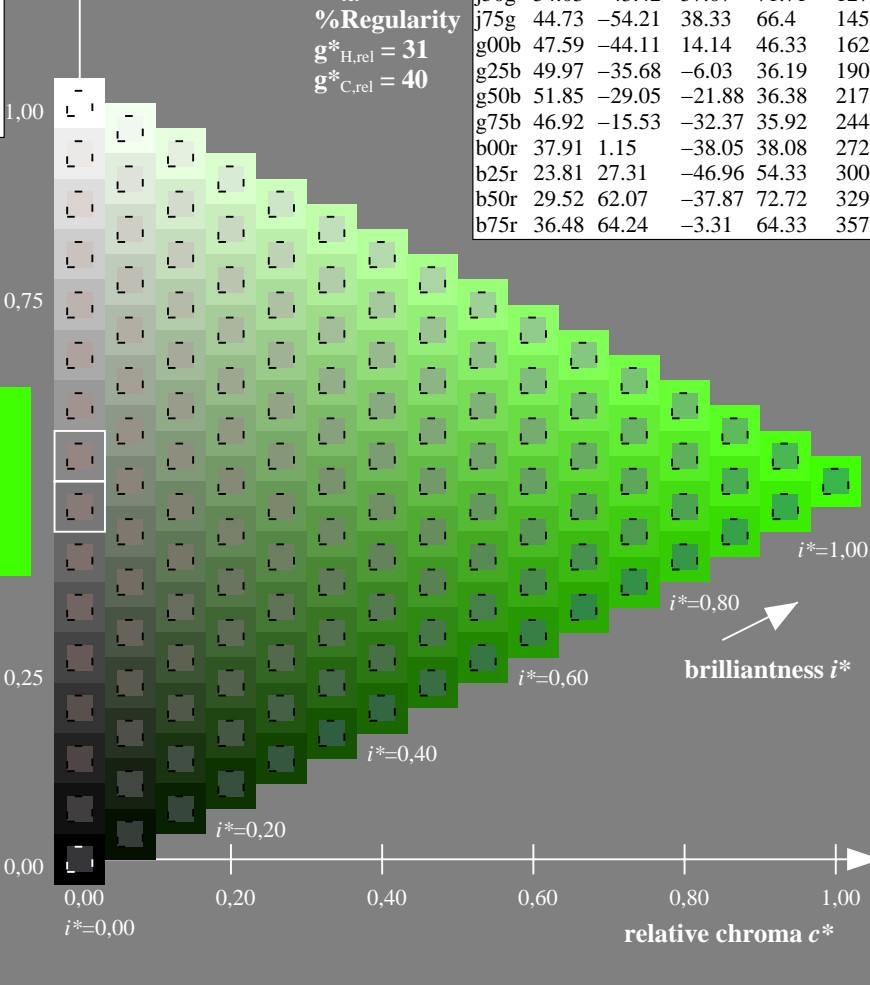
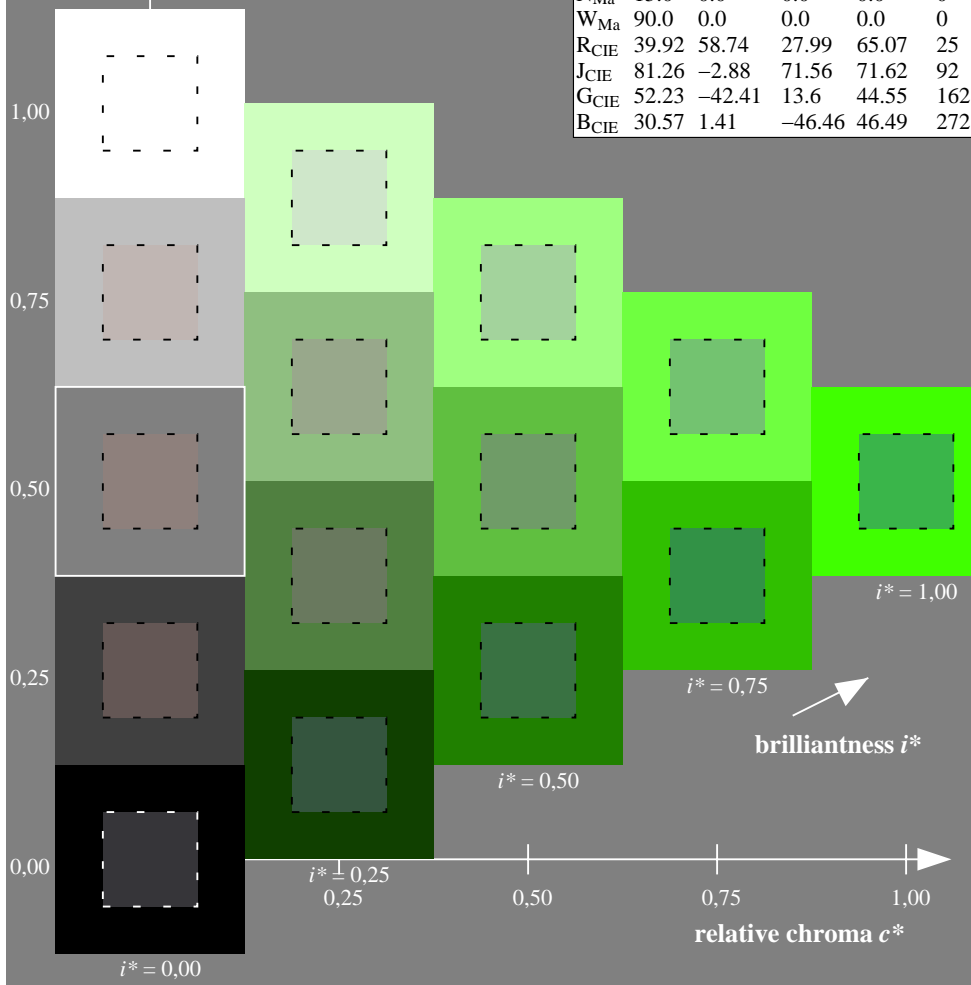
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -42 57
 $LAB^*LCH^*_{Ma}$: 54 72 127
 $lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.25 1.0 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



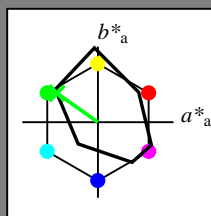
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

$u^* = j75g$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j75g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

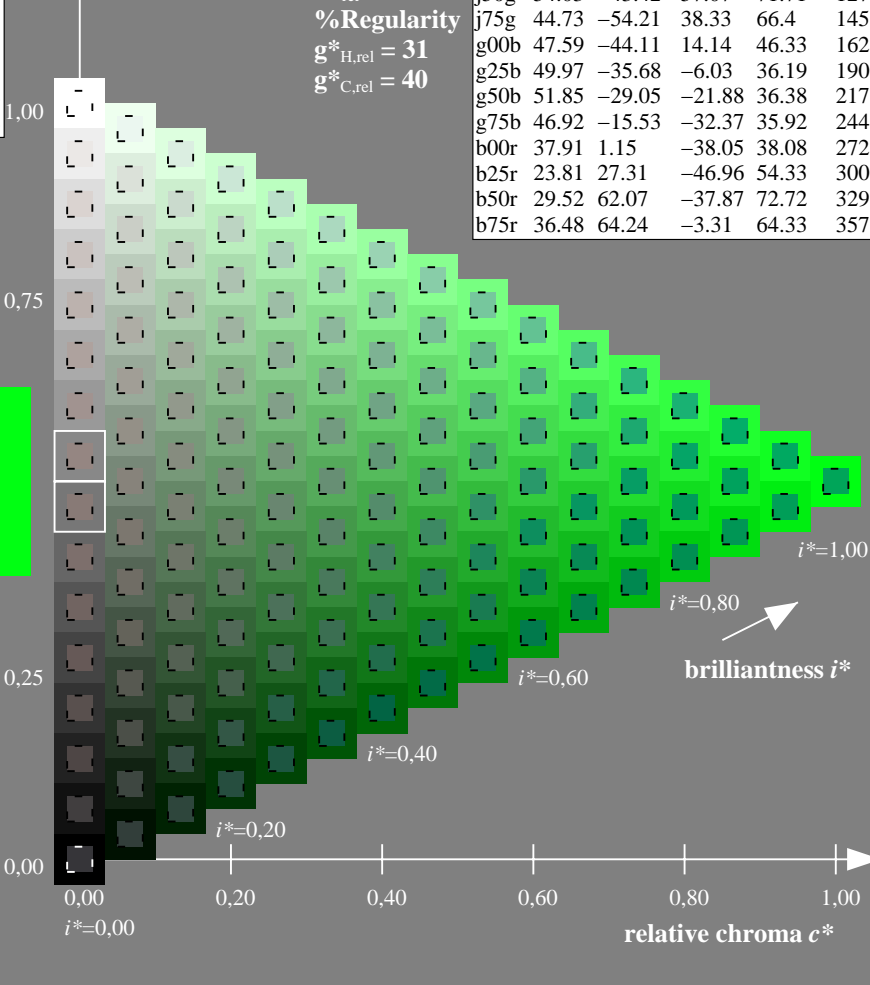
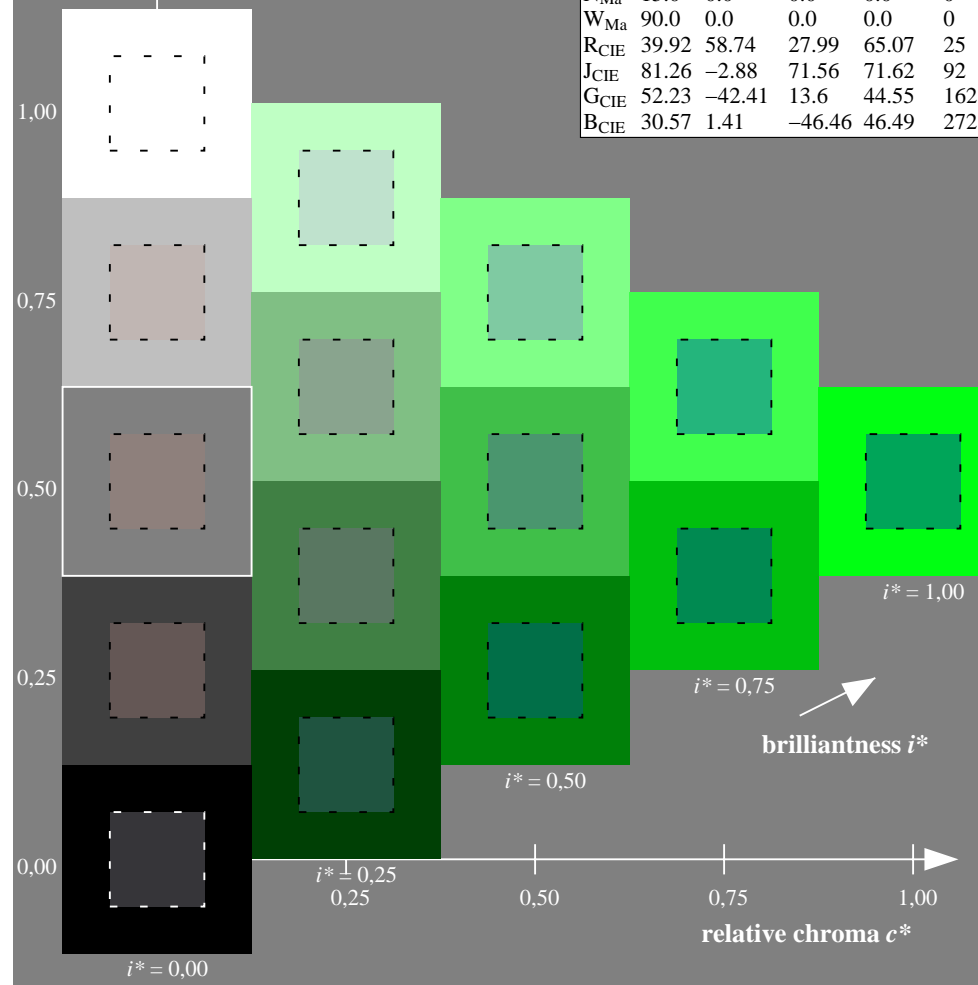
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -53 38
 $LAB^*LCH^*_{Ma}$: 45 66 145
 $lab^*rgb^*_{Ma}$: 0.25 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.07

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

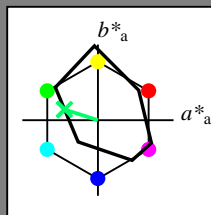


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$ $u^* = g00b$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g00b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



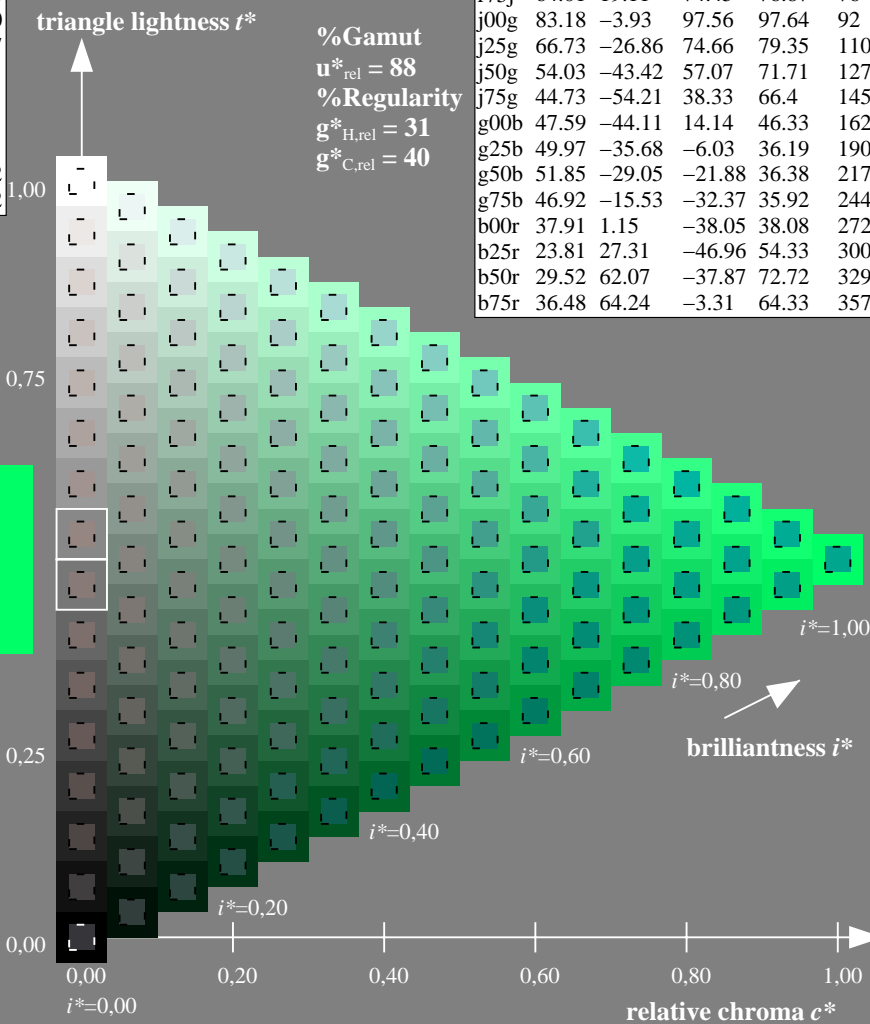
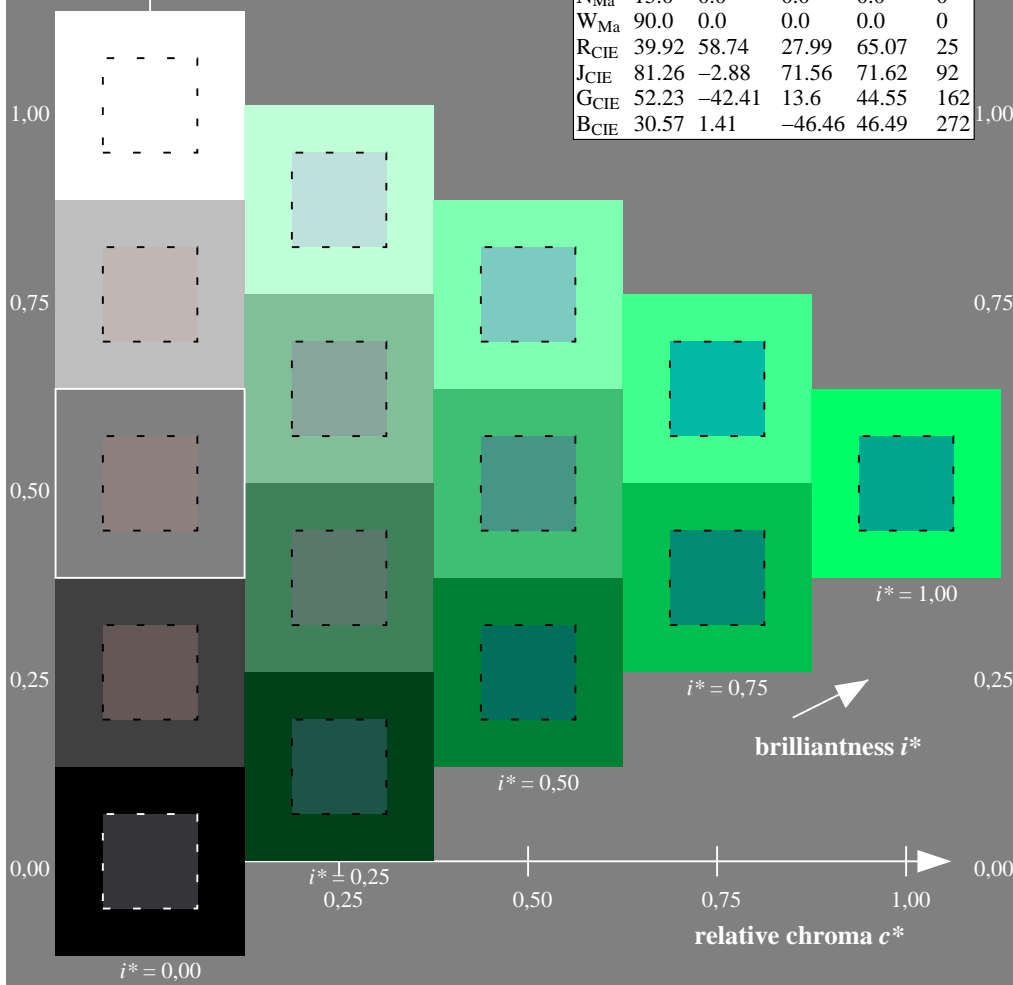
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -43 14
 $LAB^*LCH^*_{Ma}$: 48 46 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.41

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



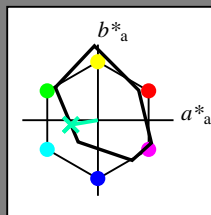
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

$u^* = g25b$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g25b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -35 -5

$LAB^*LCH^*_{Ma}$: 50 36 190

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5

$lab^*olv^*_{Ma}$: 0.0 1.0 0.69

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*

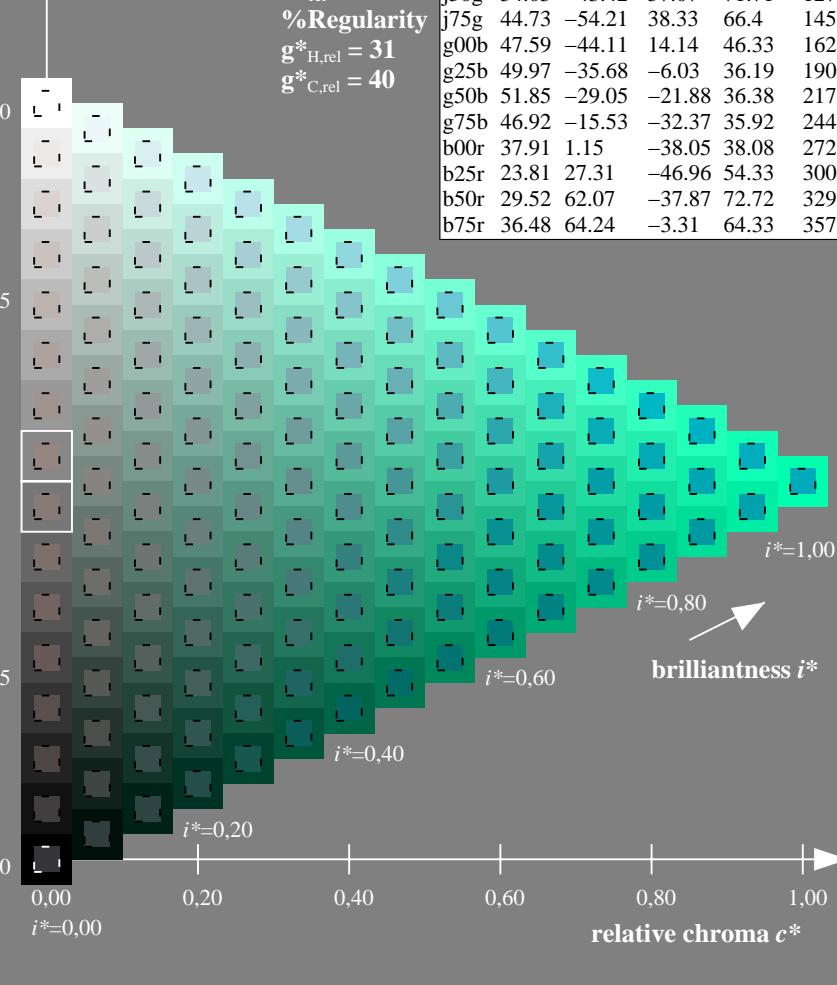
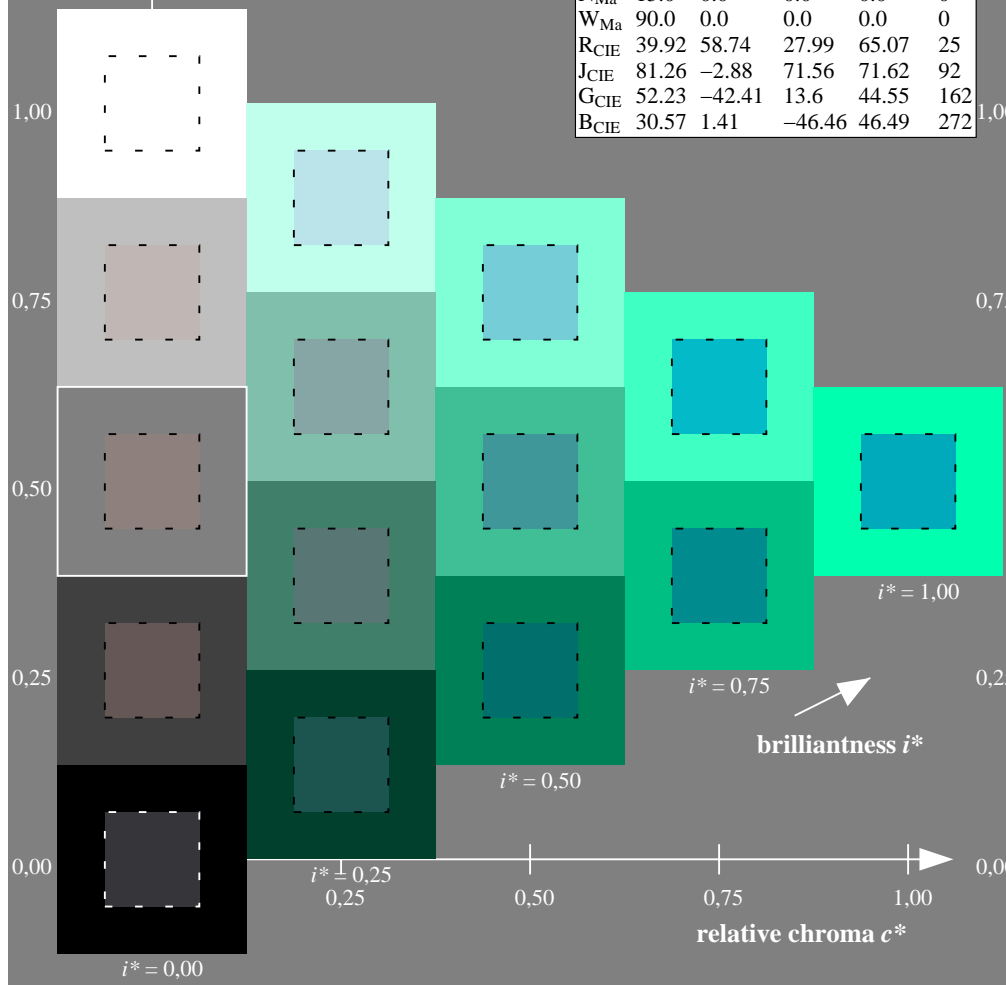
%Gamut

$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$



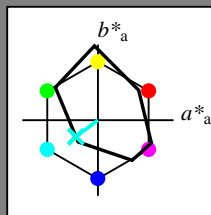
See for similar files: <http://www.ps.bam.de/De97/>; [http://www.ps.bam.de/De97/10L/L97E00NP.PS/](http://www.ps.bam.de/De/De97/10L/L97E00NP.PS/) .PDF, Page 11/180; start output
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

$u^* = g50b$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g50b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -28 -21

$LAB^*LCH^*_{Ma}$: 52 36 217

$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0

$lab^*olv^*_{Ma}$: 0.0 1.0 0.9

triangle lightness t^*

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

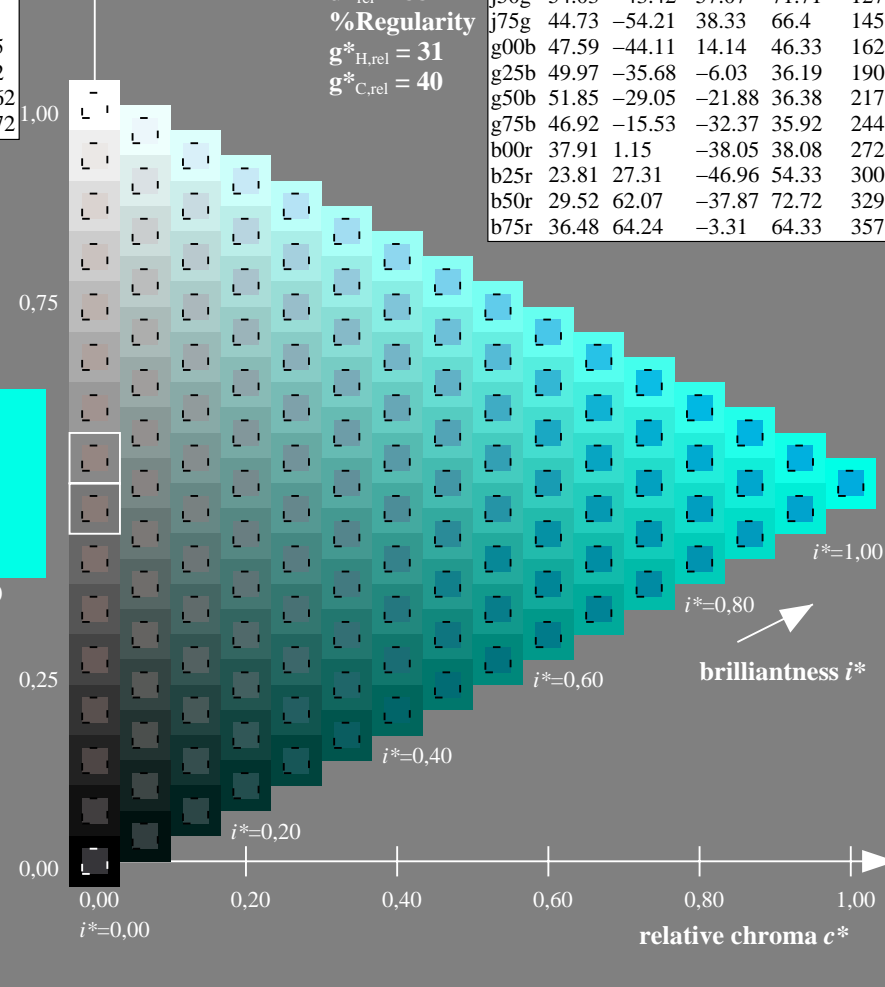
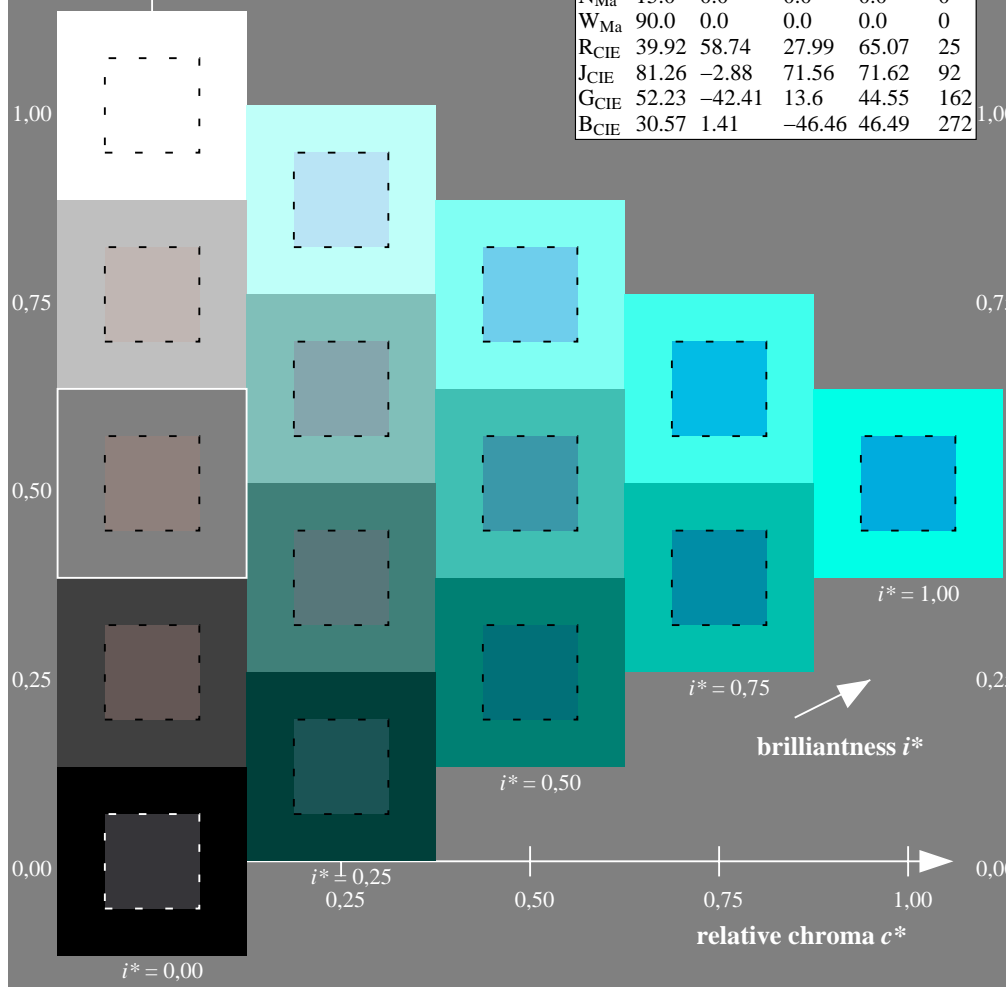
%Gamut

$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$



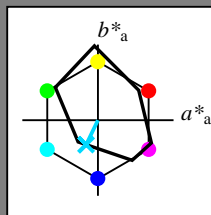
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

$u^* = g75b$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g75b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

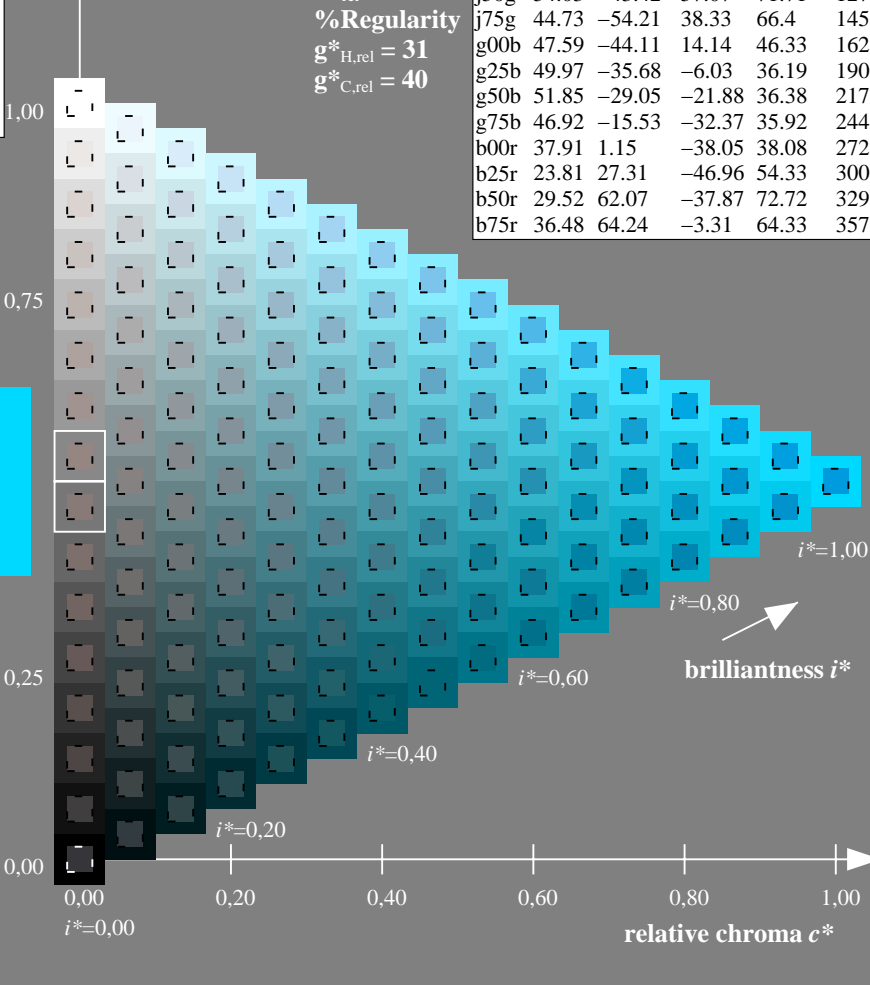
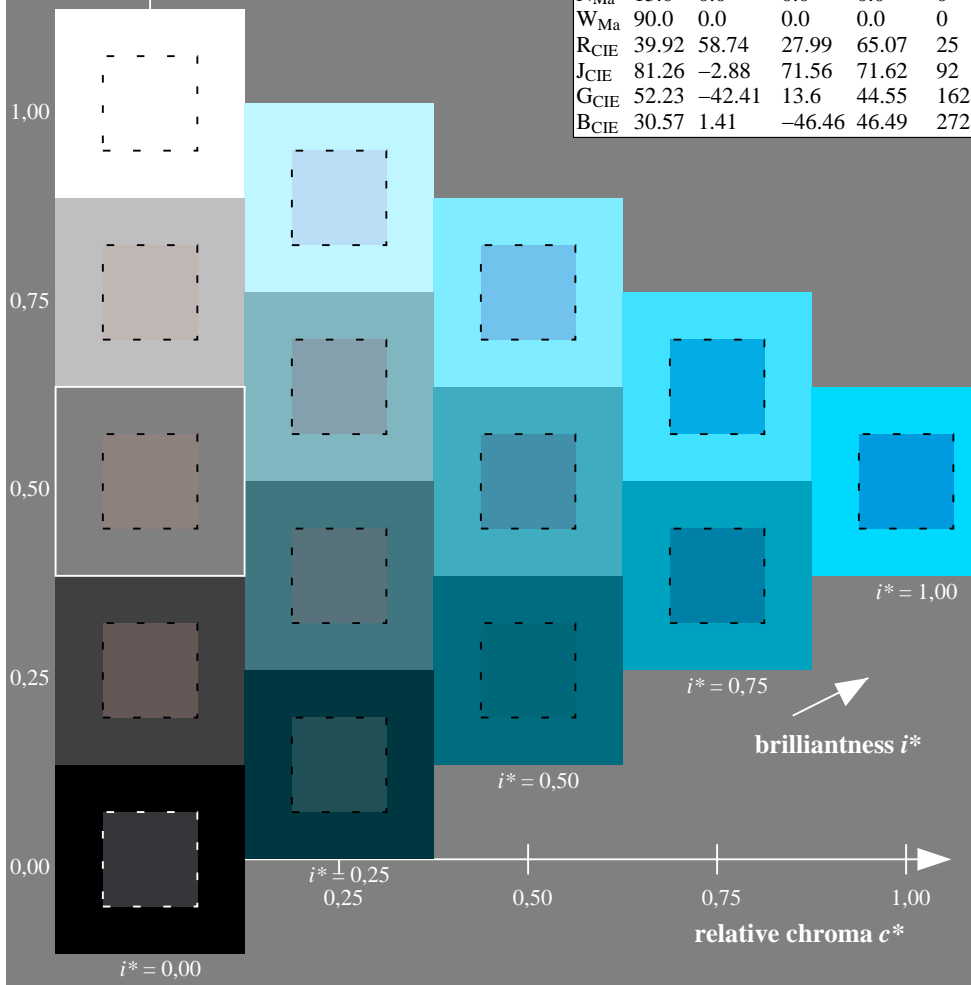
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -15 -31
 $LAB^*LCH^*_{Ma}$: 47 36 244
 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.85 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



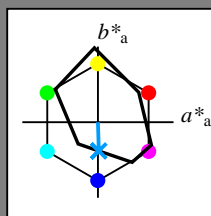
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/De97/
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

$u^* = b00r$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b00r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

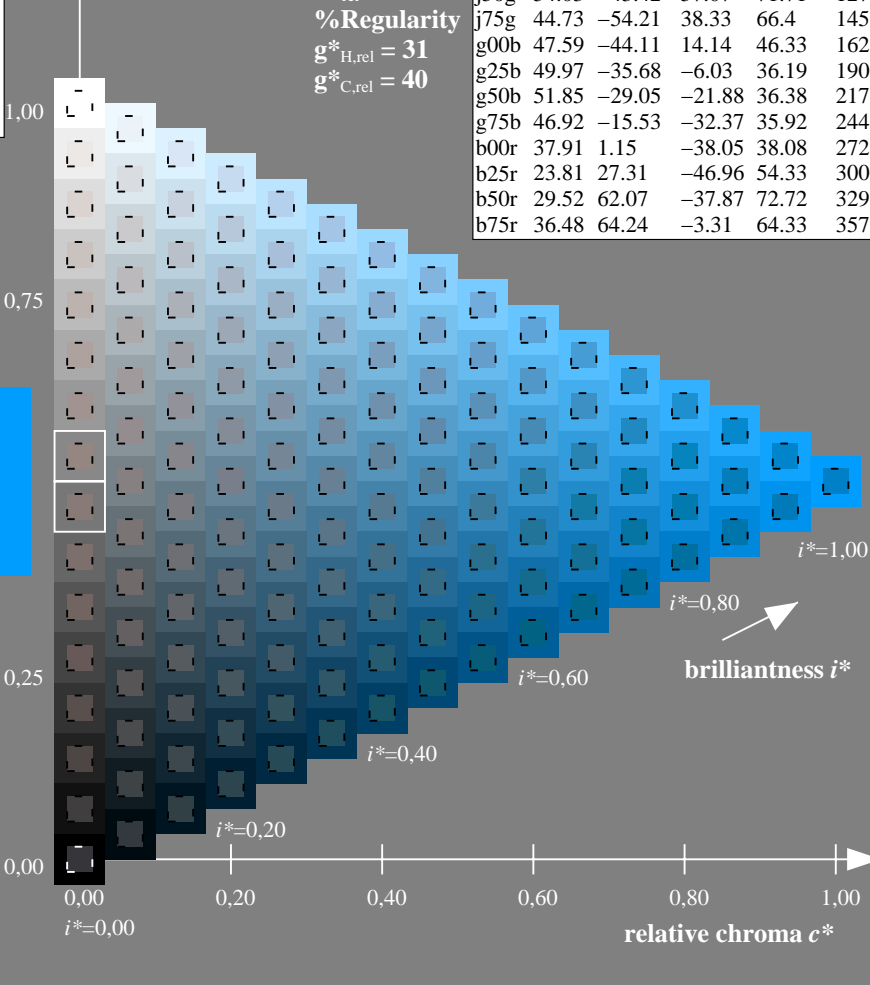
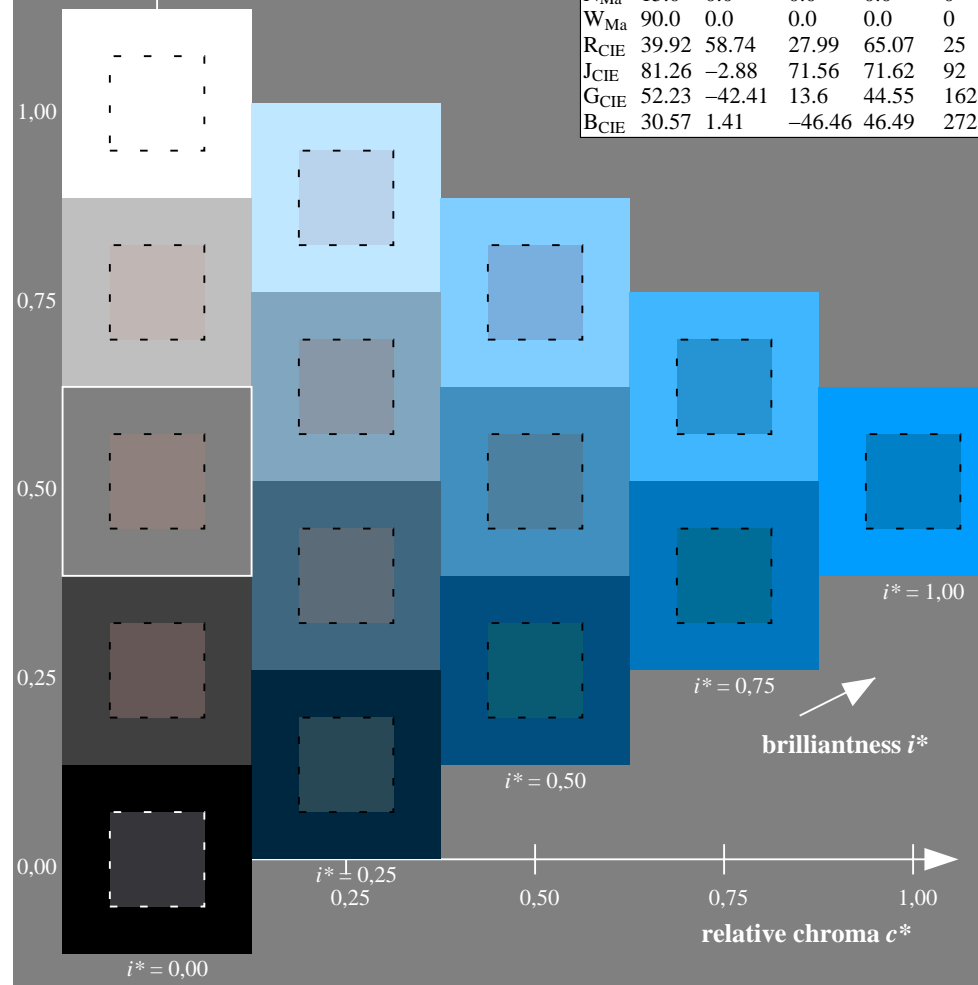
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -37
 $LAB^*LCH^*_{Ma}$: 38 38 272
 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.62 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-53.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



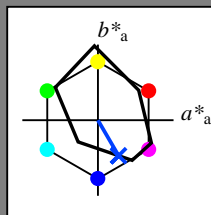
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

$u^* = b25r$

data for any colour:
 lab^*ch^* and lab^*icu^*
 elementary hue text:
 $u^* = b25r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 27 -46

$LAB^*LCH^*_{Ma}$: 24 54 300

$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.25 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*

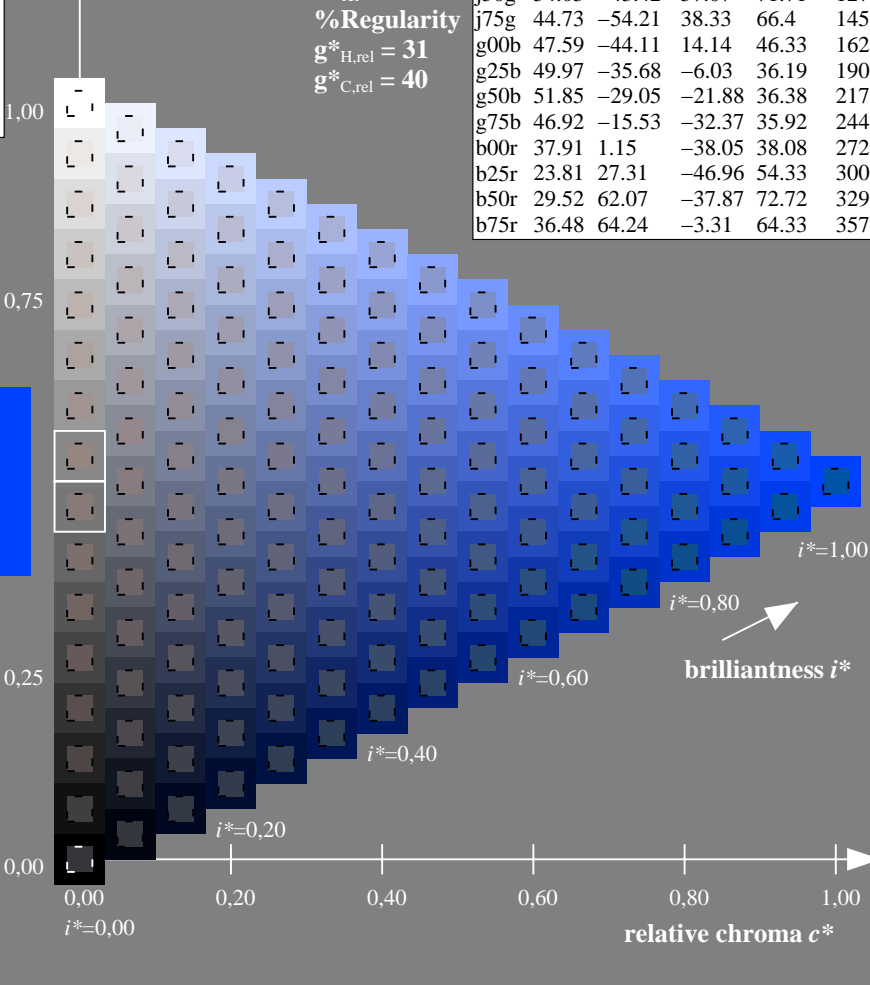
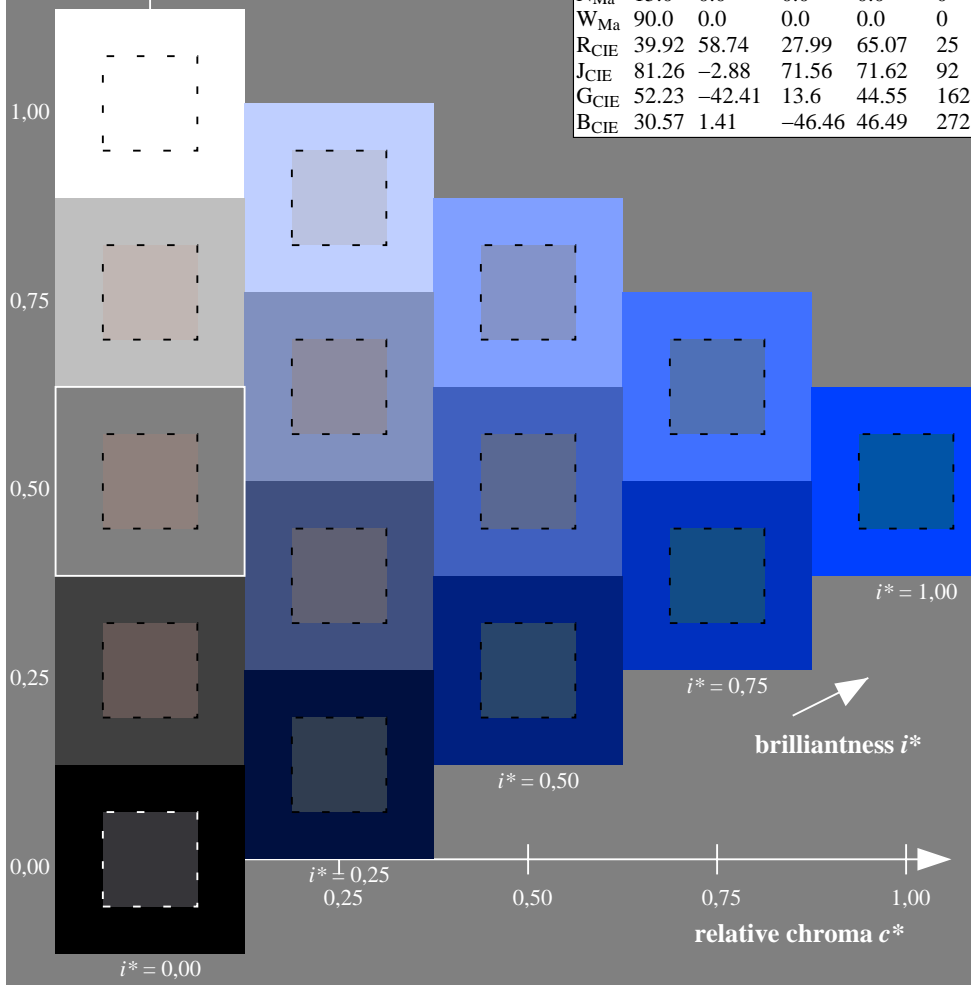
%Gamut

$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$



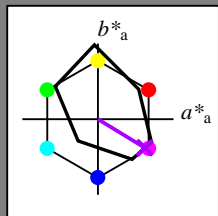
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/ .PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

$u^* = b50r$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b50r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

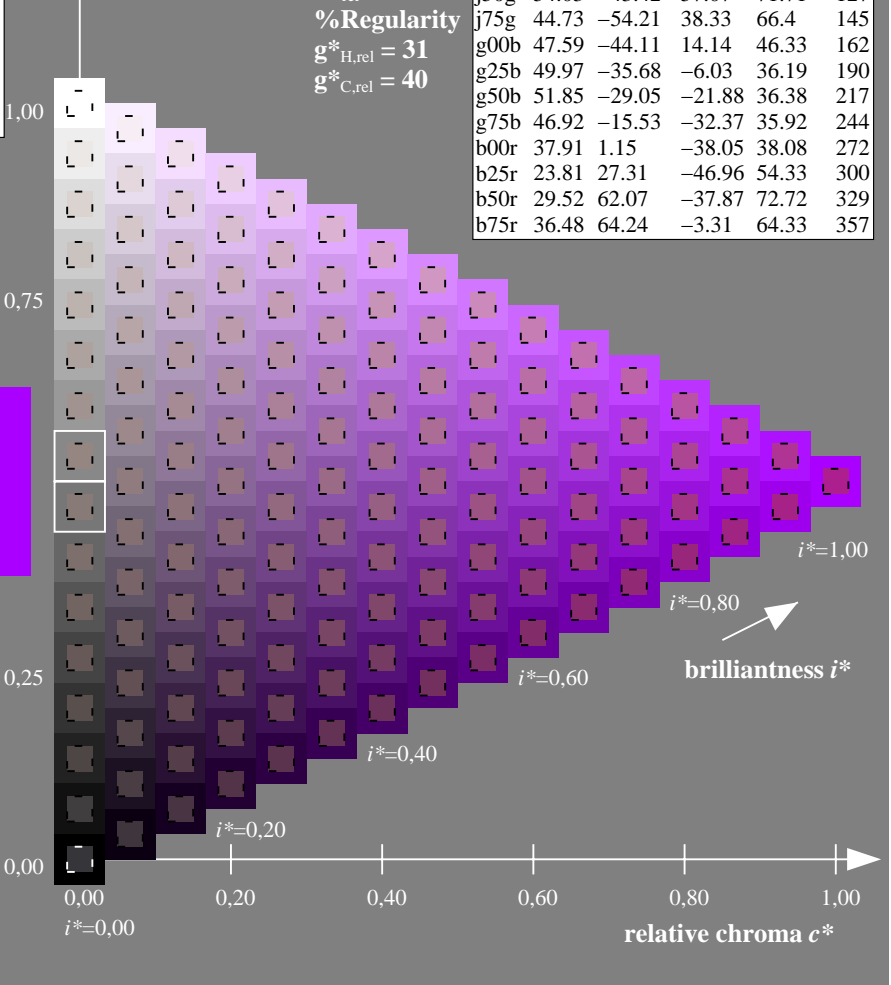
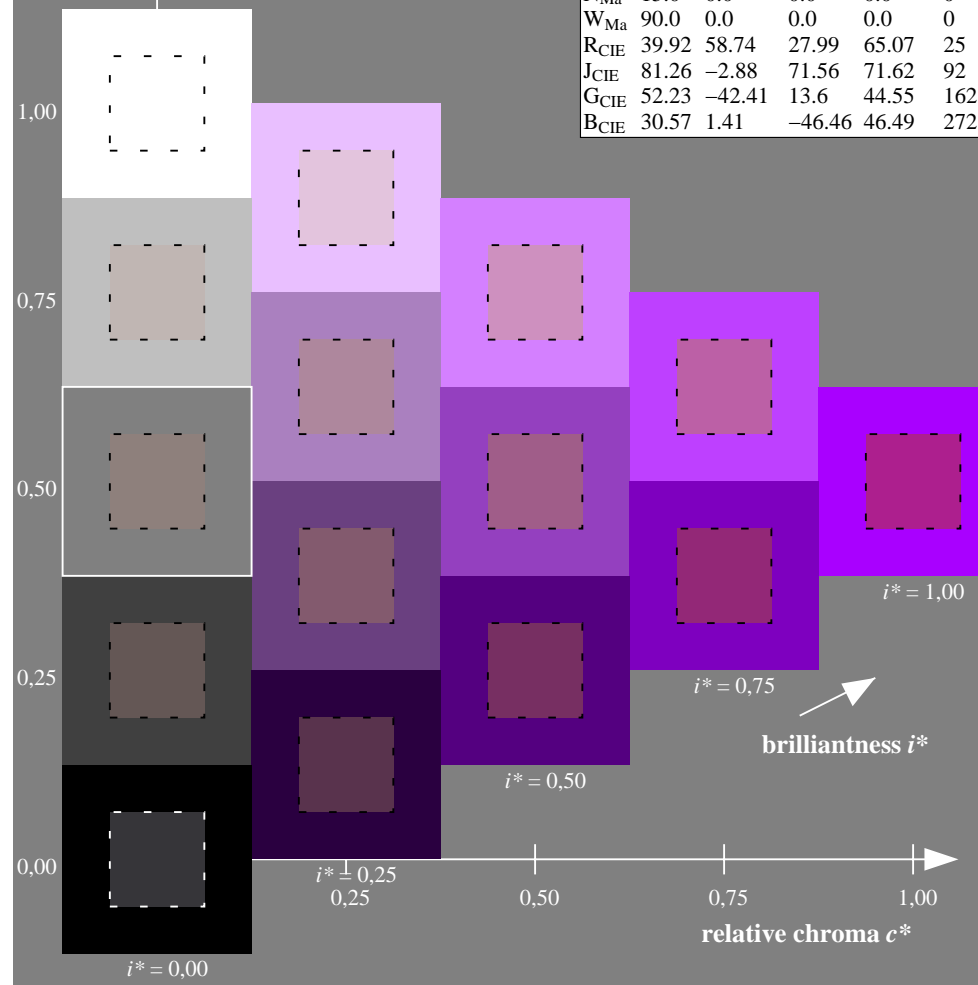
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 62 -37
 $LAB^*LCH^*_{Ma}$: 30 73 329
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.66 0.0 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



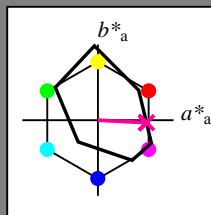
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

$u^* = b75r$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b75r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

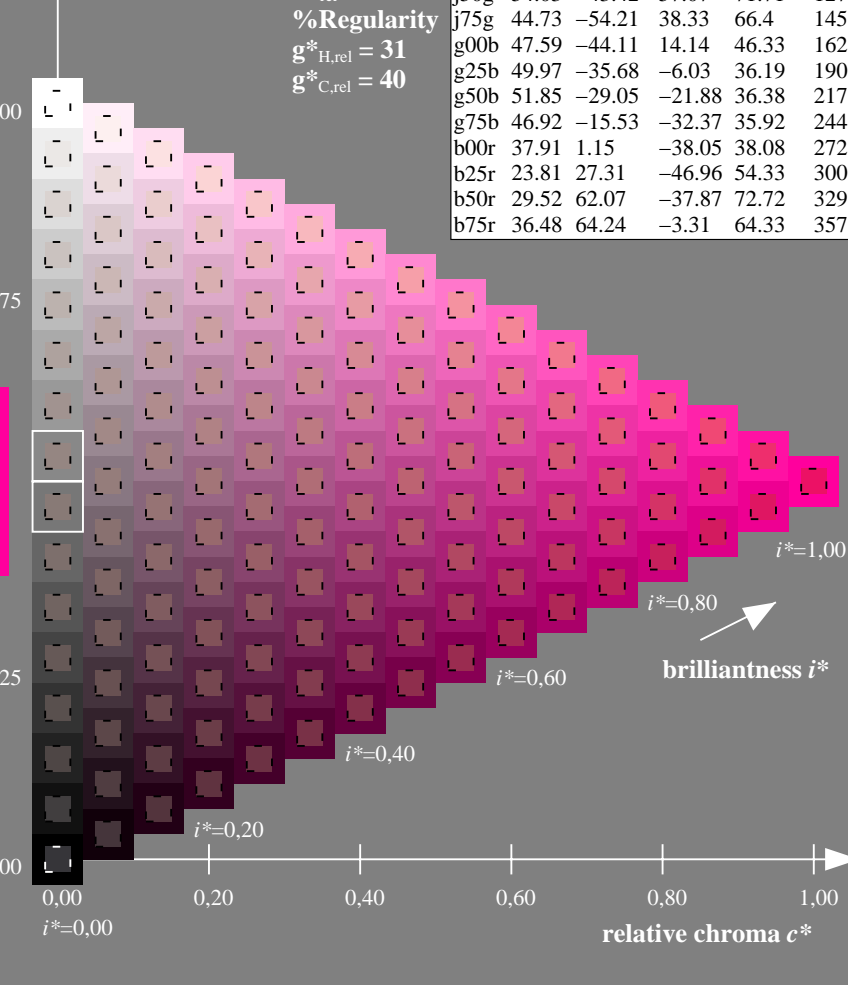
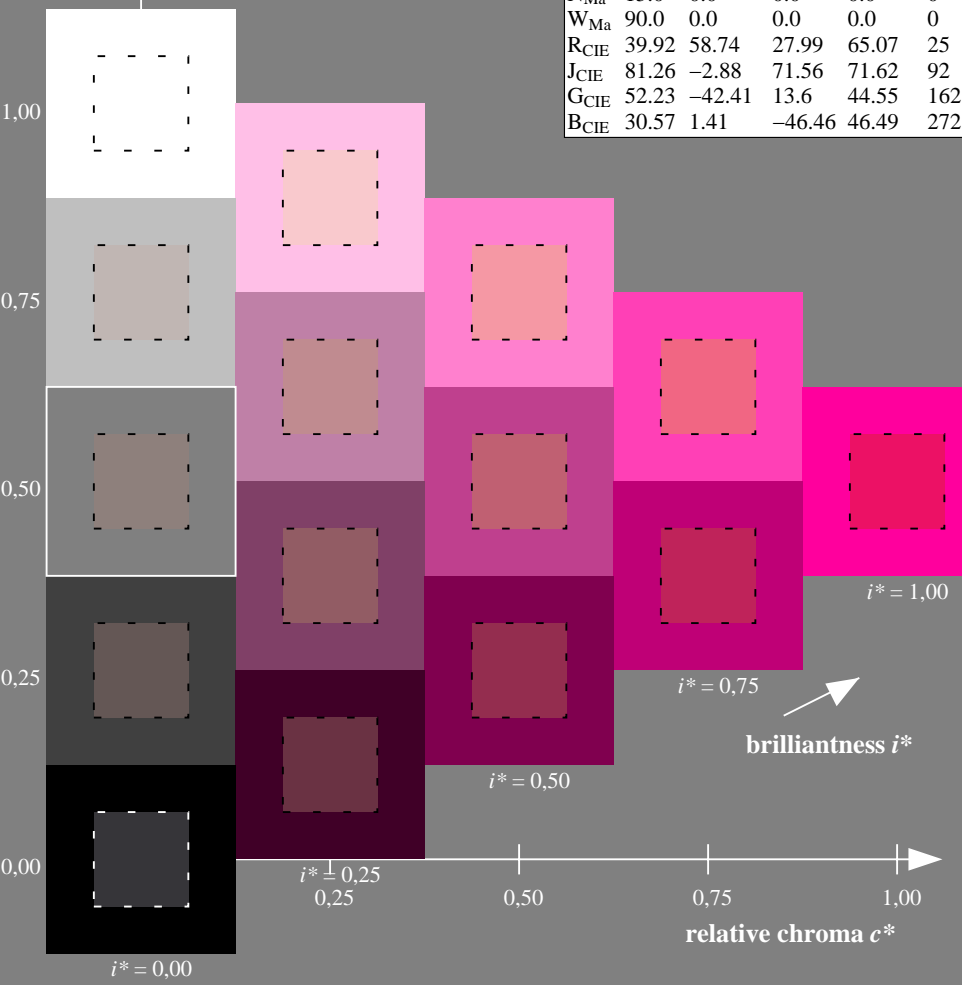
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 64 -2
 $LAB^*LCH^*_{Ma}$: 36 64 357
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.62

FRS15_90a; adapted (a) CIELAB data

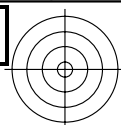
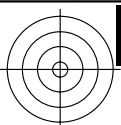
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



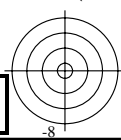
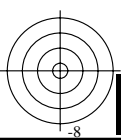
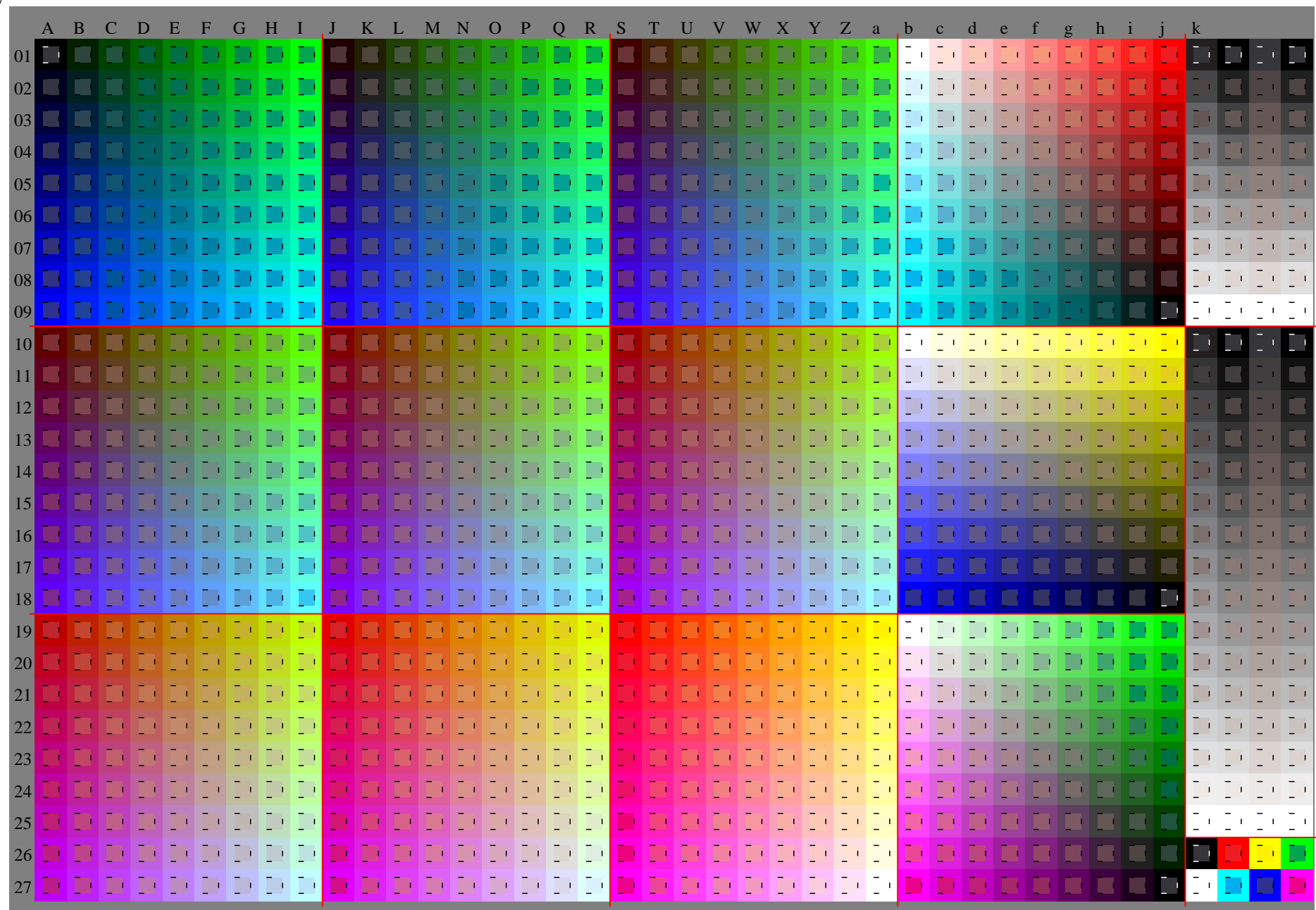
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/ .PDF
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

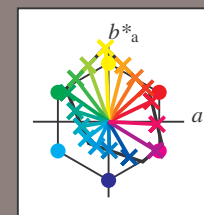
BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



Input and output:
 Colorimetric Printer Reflective System FRS15_90a
 data for any colour:

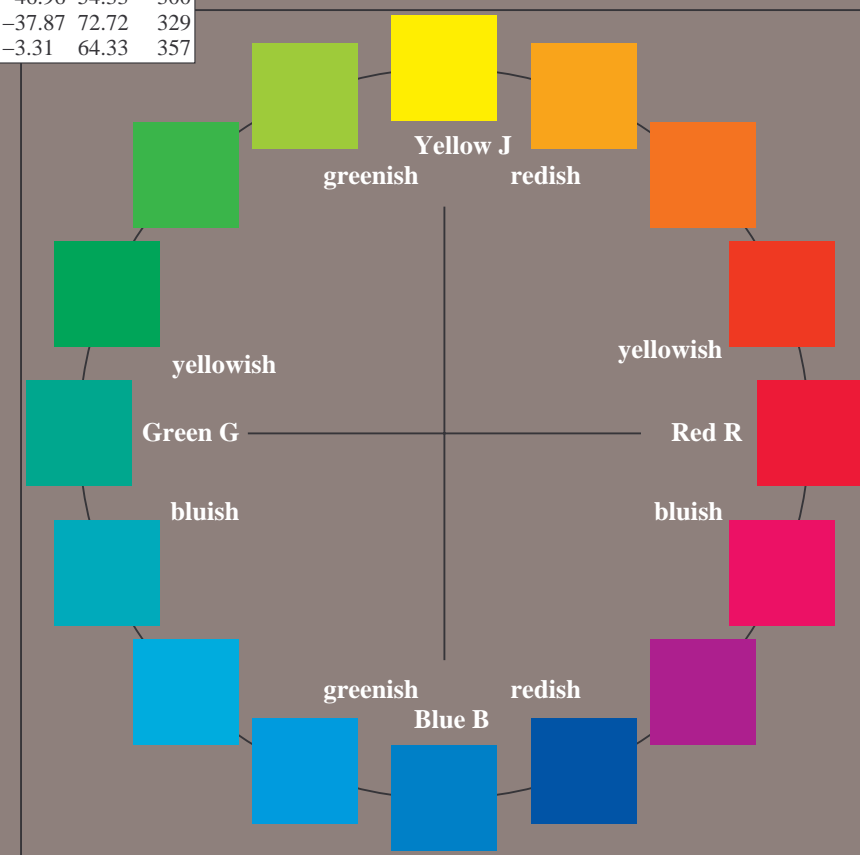
*lab**ch*** and *lab**icu***
 elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
 contrast reduction factor:
 $c_R = 0.9$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



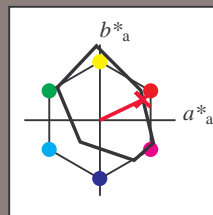
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/.PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

$u^* = r00j$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r00j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 57 27

$LAB^*LCH^*_{Ma}$: 35 63 25

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0

$lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

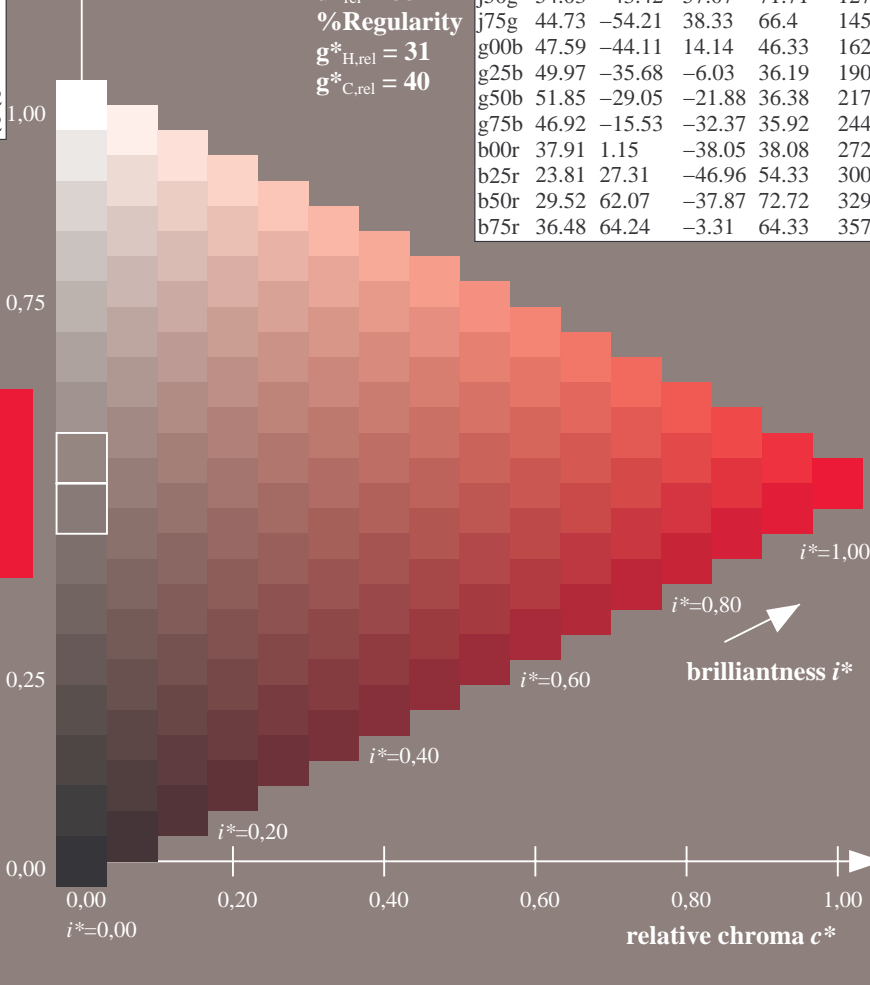
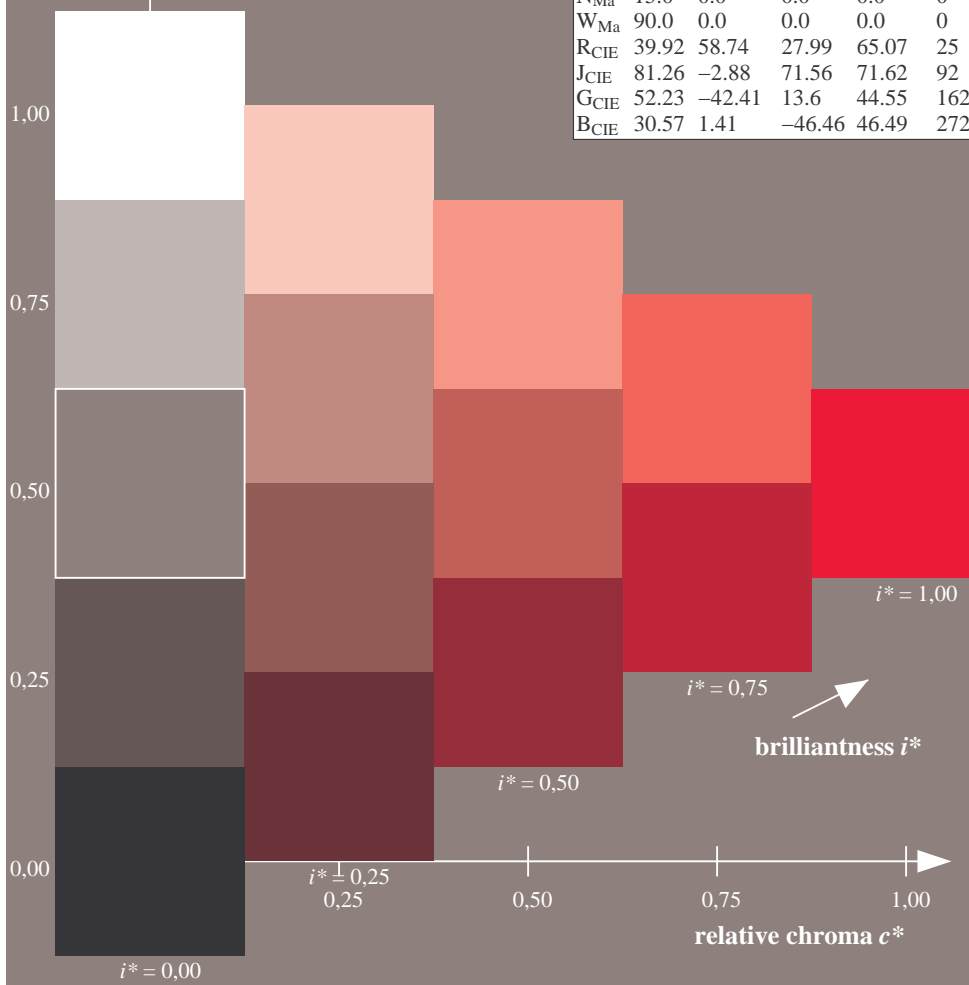
%Gamut

$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$



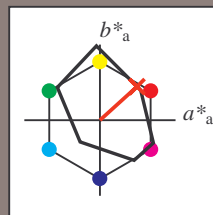
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

$u^* = r25j$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r25j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

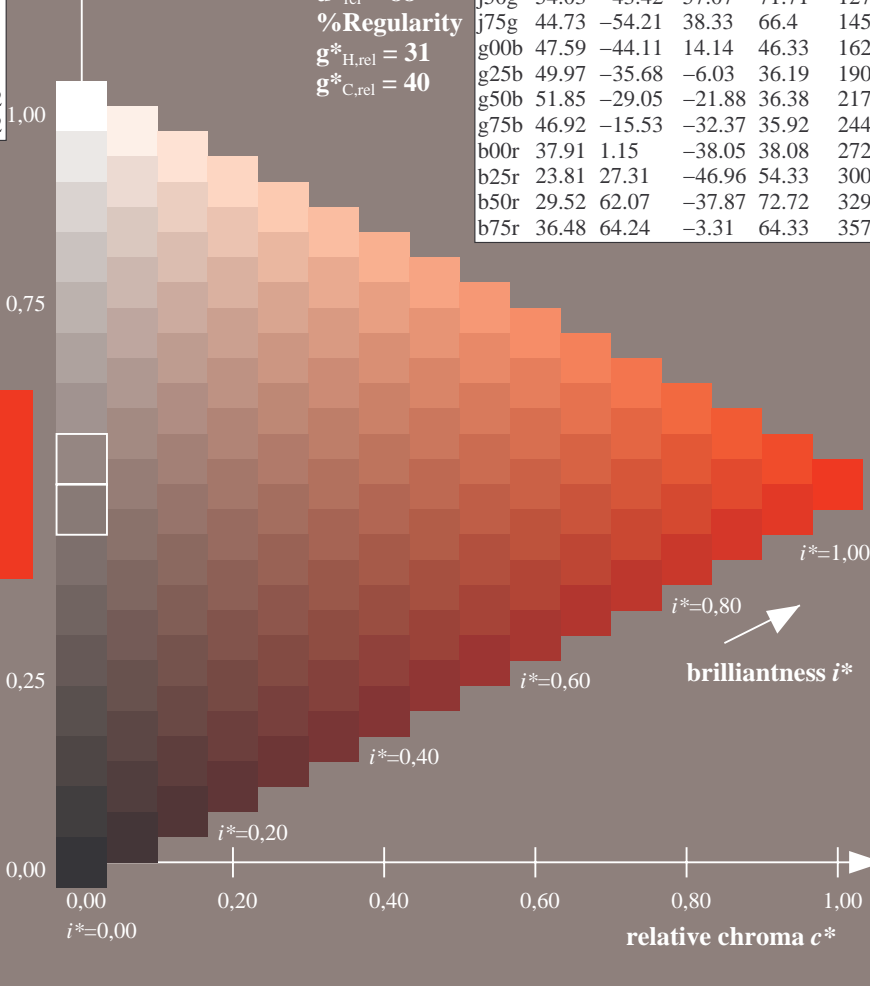
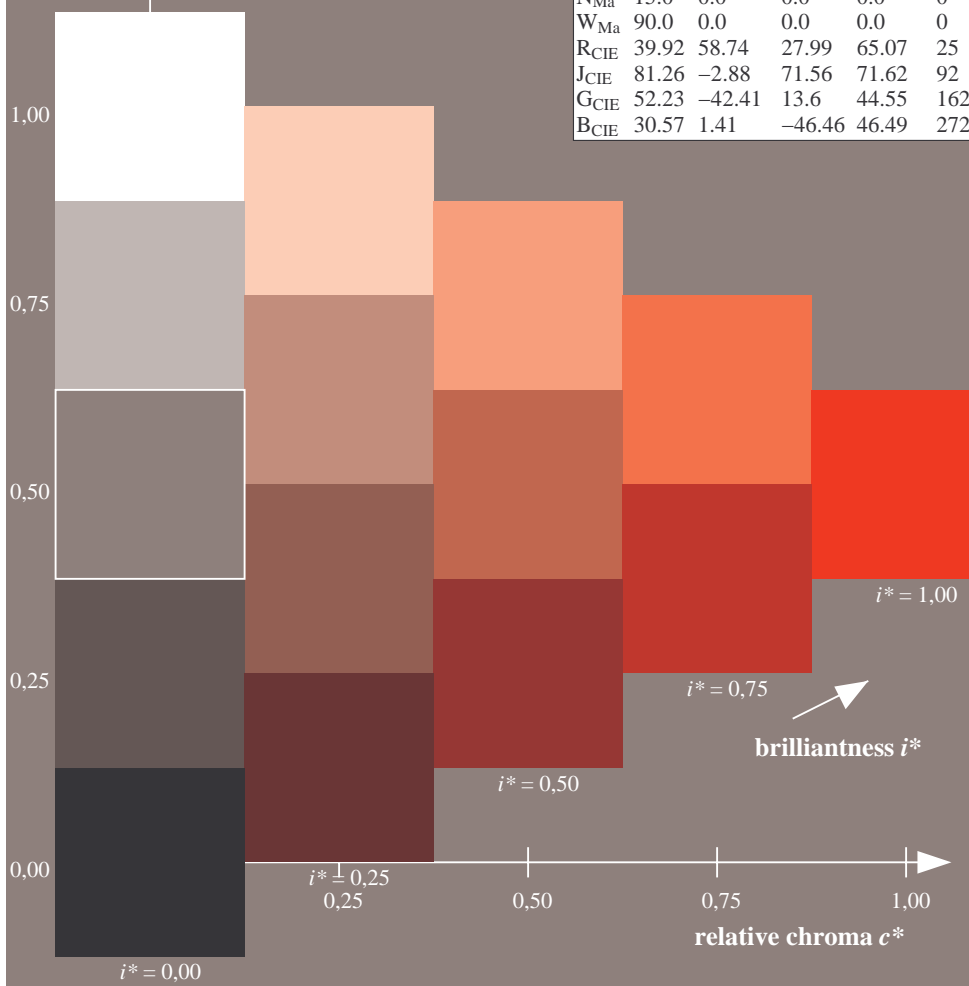
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

triangle lightness t^*

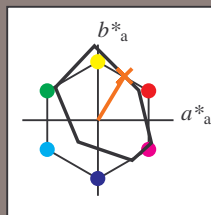


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ $u^* = r50j$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r50j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



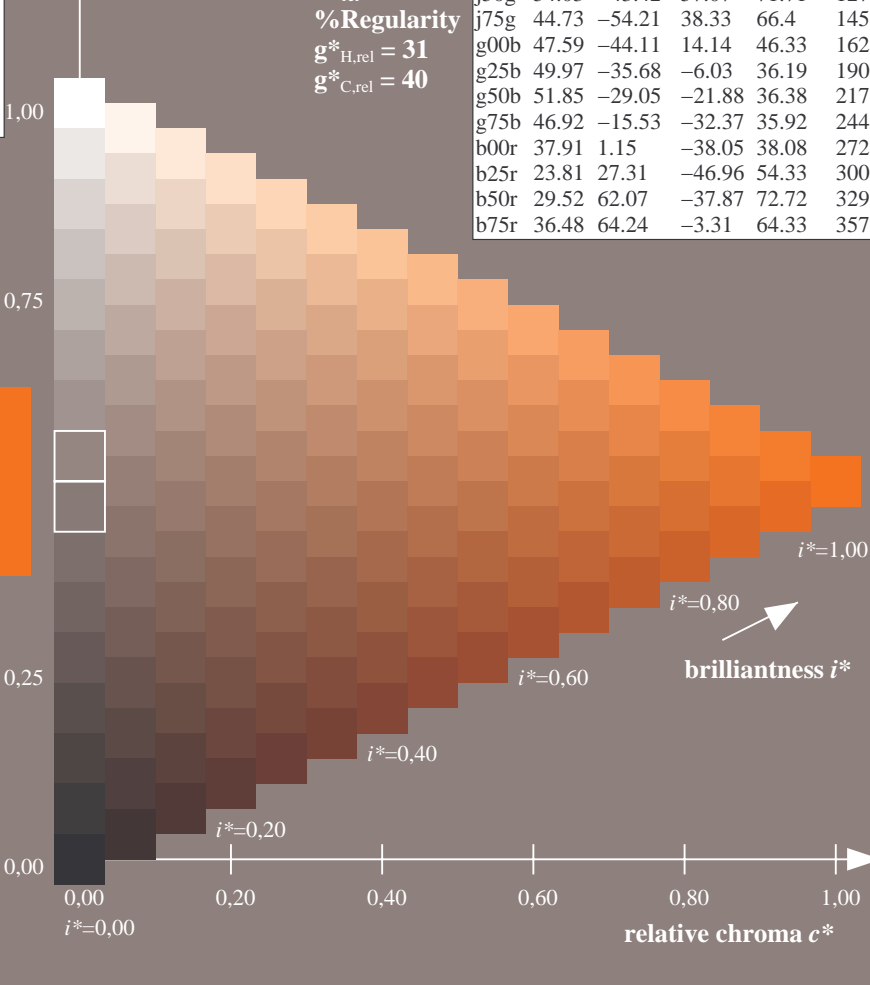
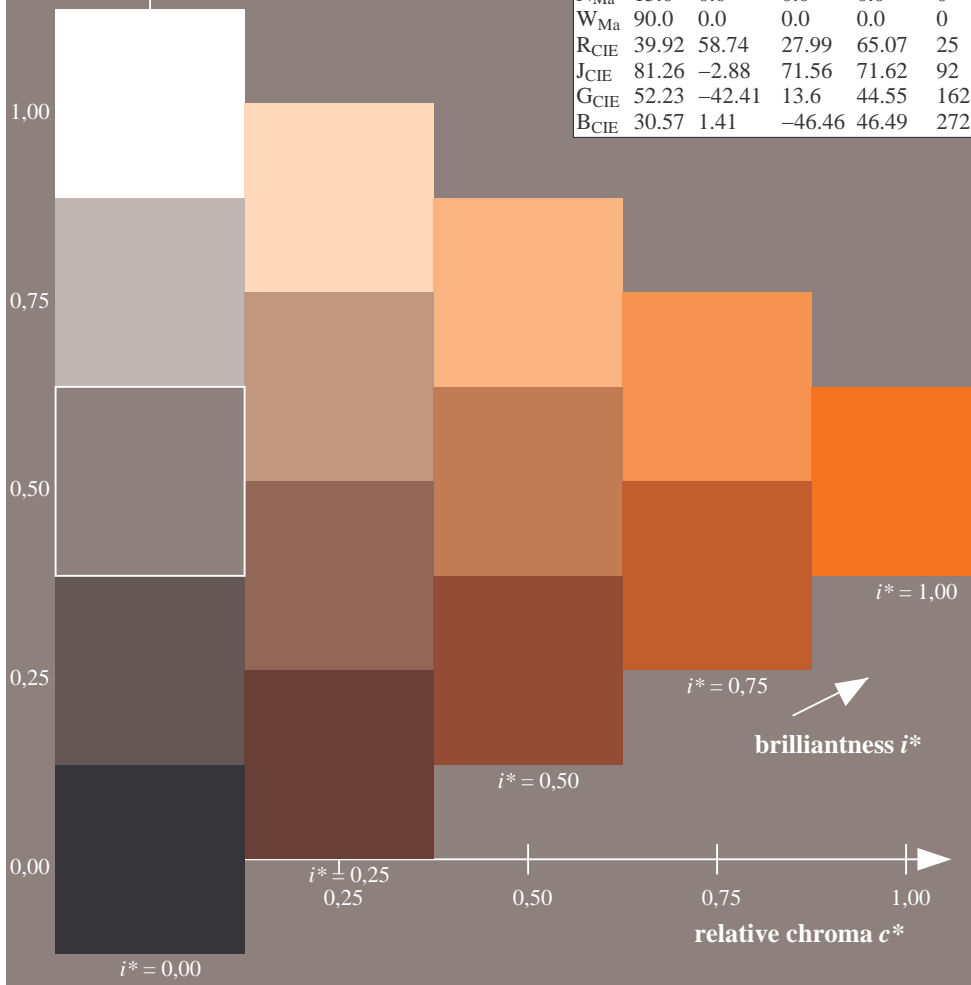
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 35 58
 $LAB^*LCH^*_{Ma}$: 51 68 59
 $lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.32 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



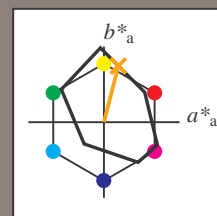
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

$u^* = r75j$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r75j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



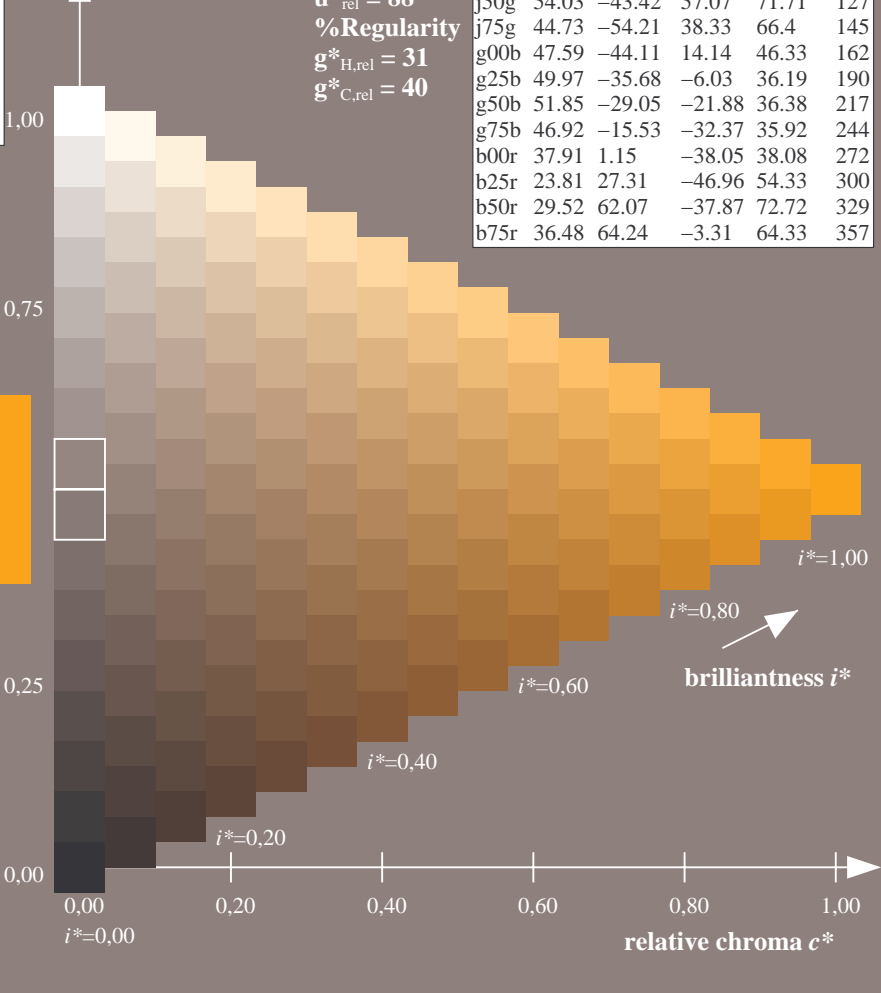
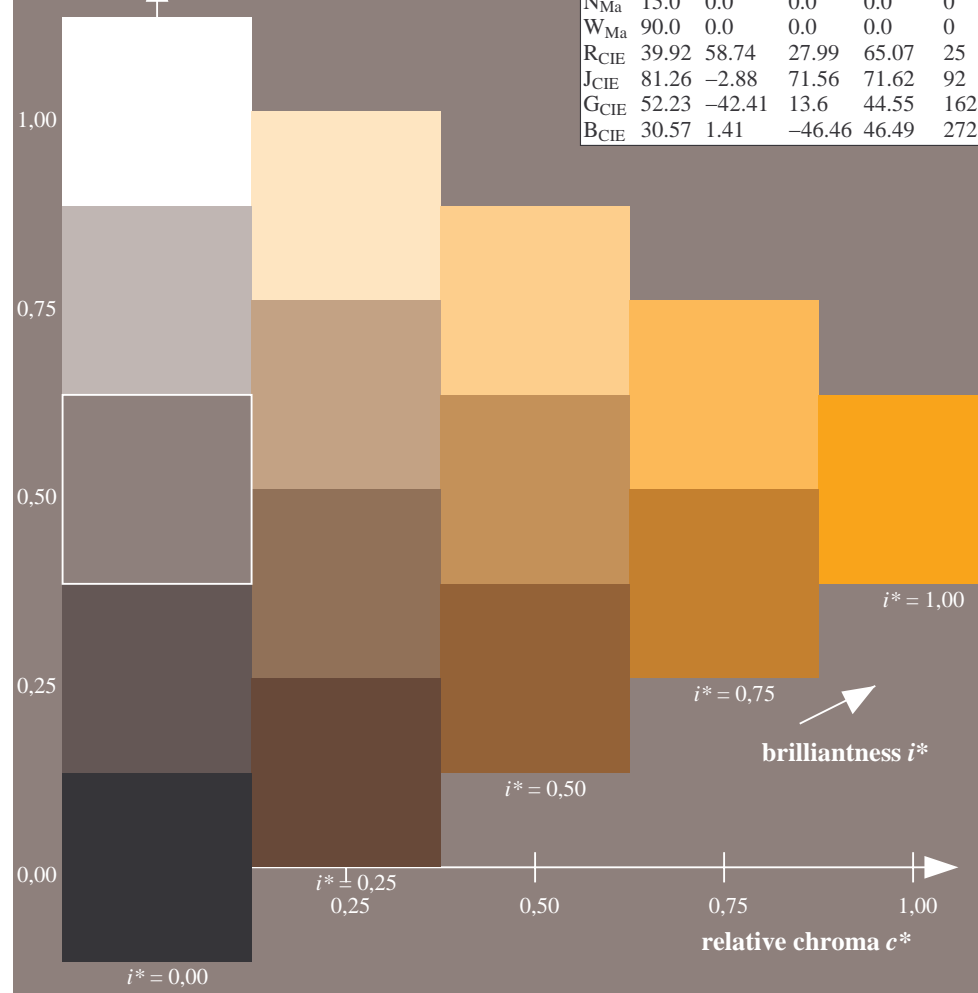
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

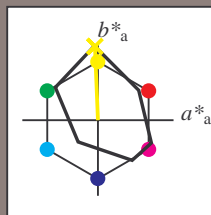


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ $u^* = j00g$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j00g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



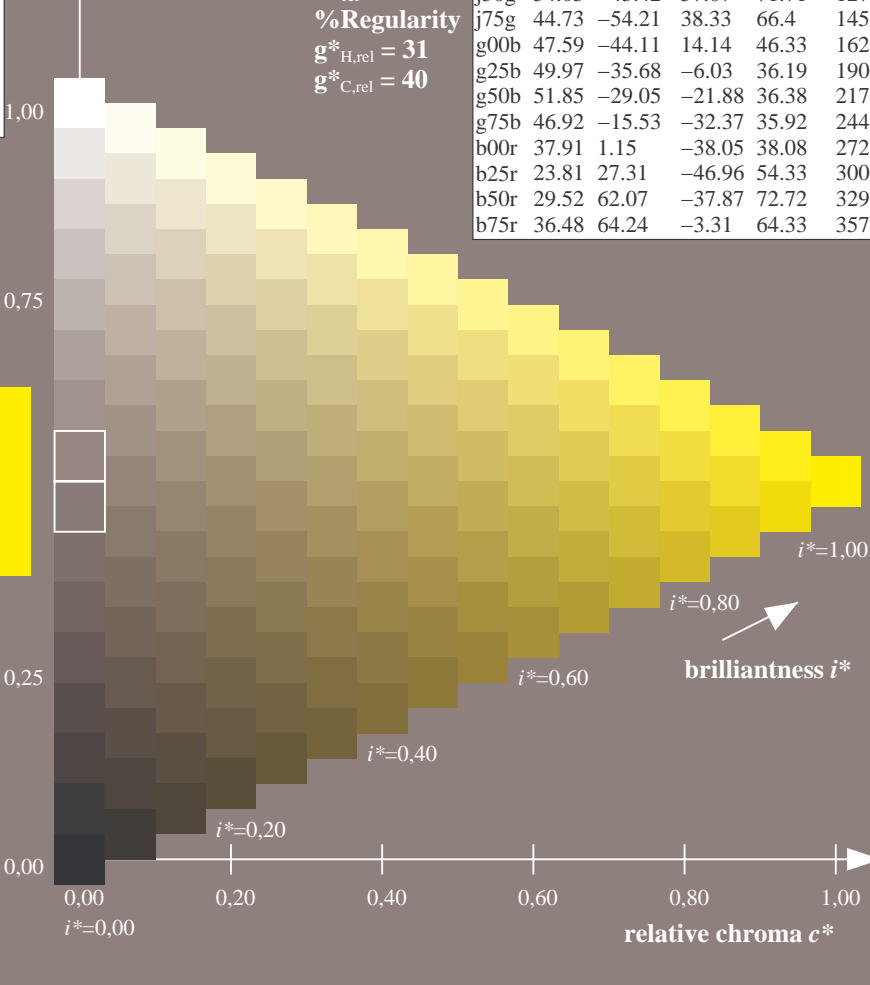
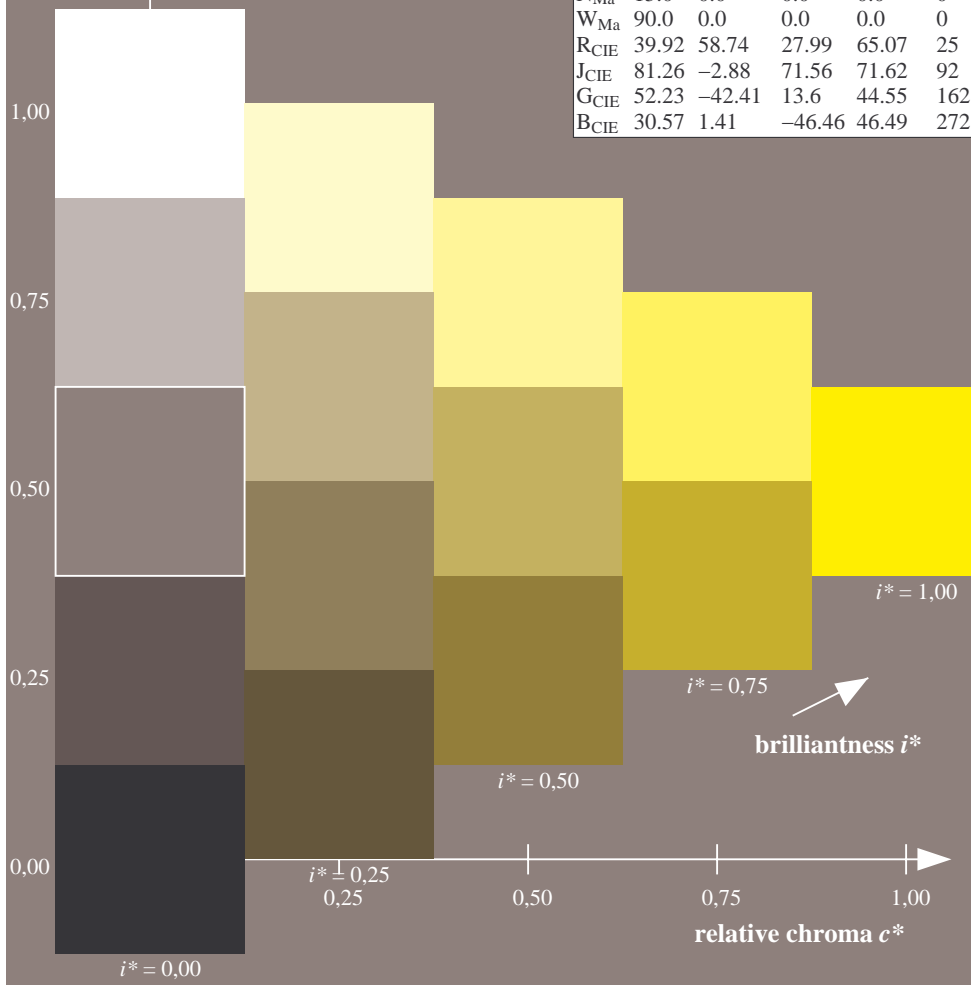
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



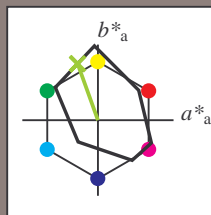
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

$u^* = j25g$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j25g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



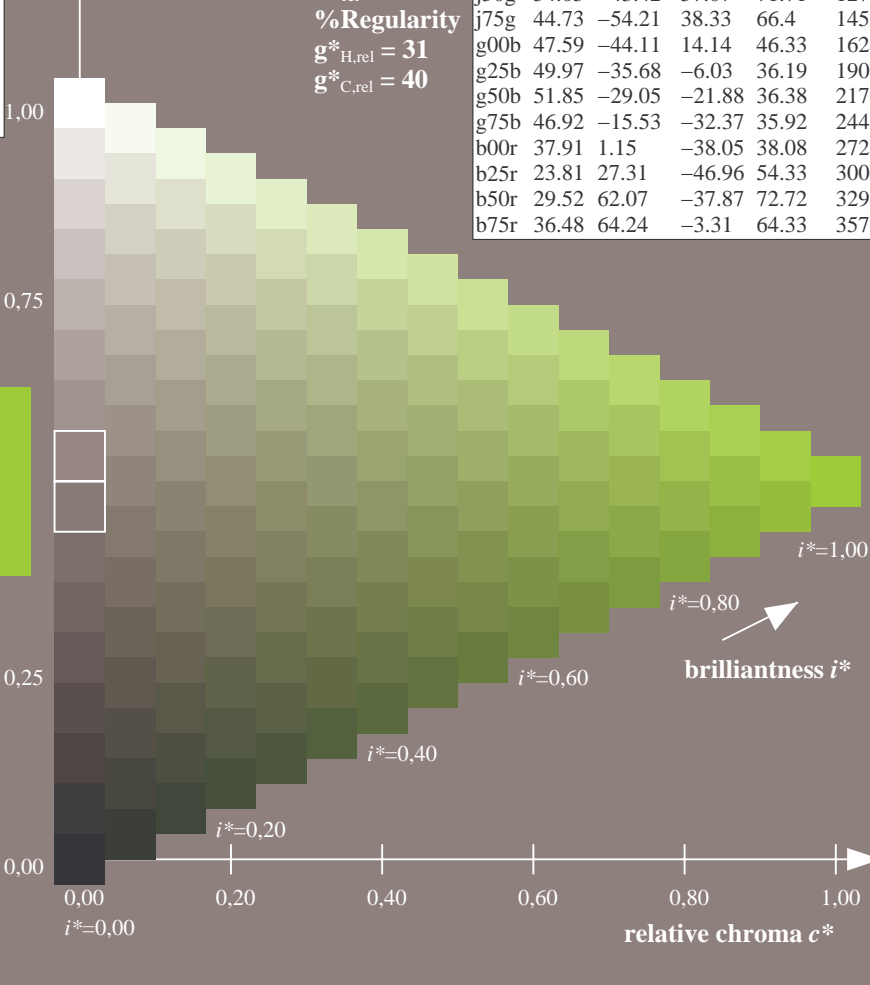
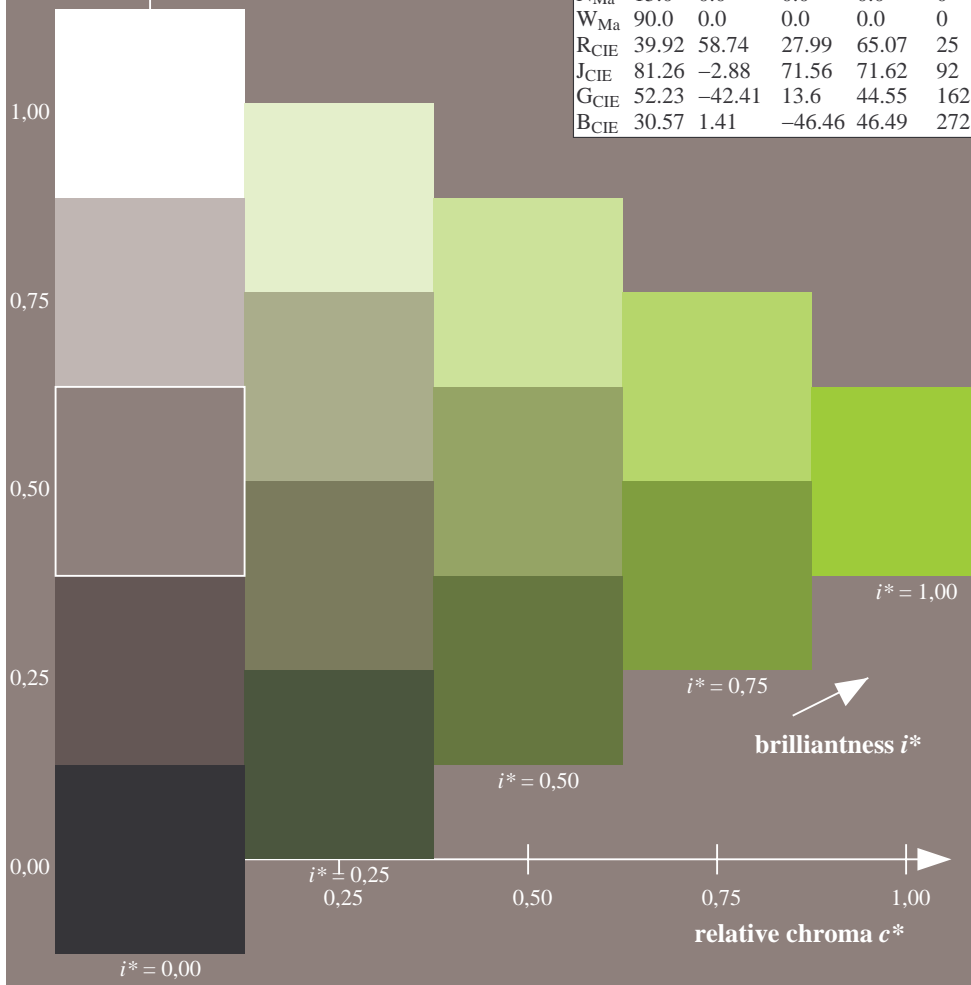
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -26 75
 $LAB^*LCH^*_{Ma}$: 67 79 110
 $lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.57 1.0 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



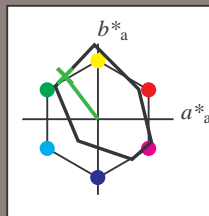
See for similar files: <http://www.ps.bam.de/De97/>; [www.ps.bam.de/De97/](http://www.ps.bam.de/De/De97/); [www.ps.bam.de/De97/](http://www.ps.bam.de/De/De97/)
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

$u^* = j50g$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j50g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

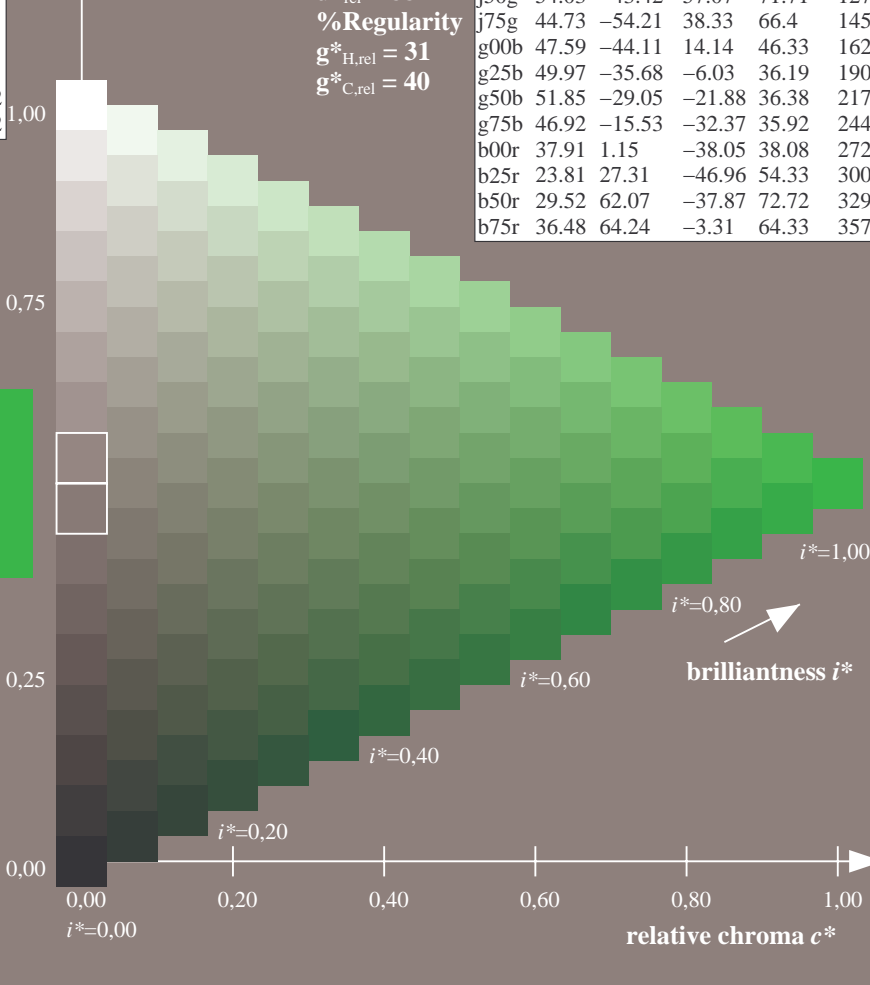
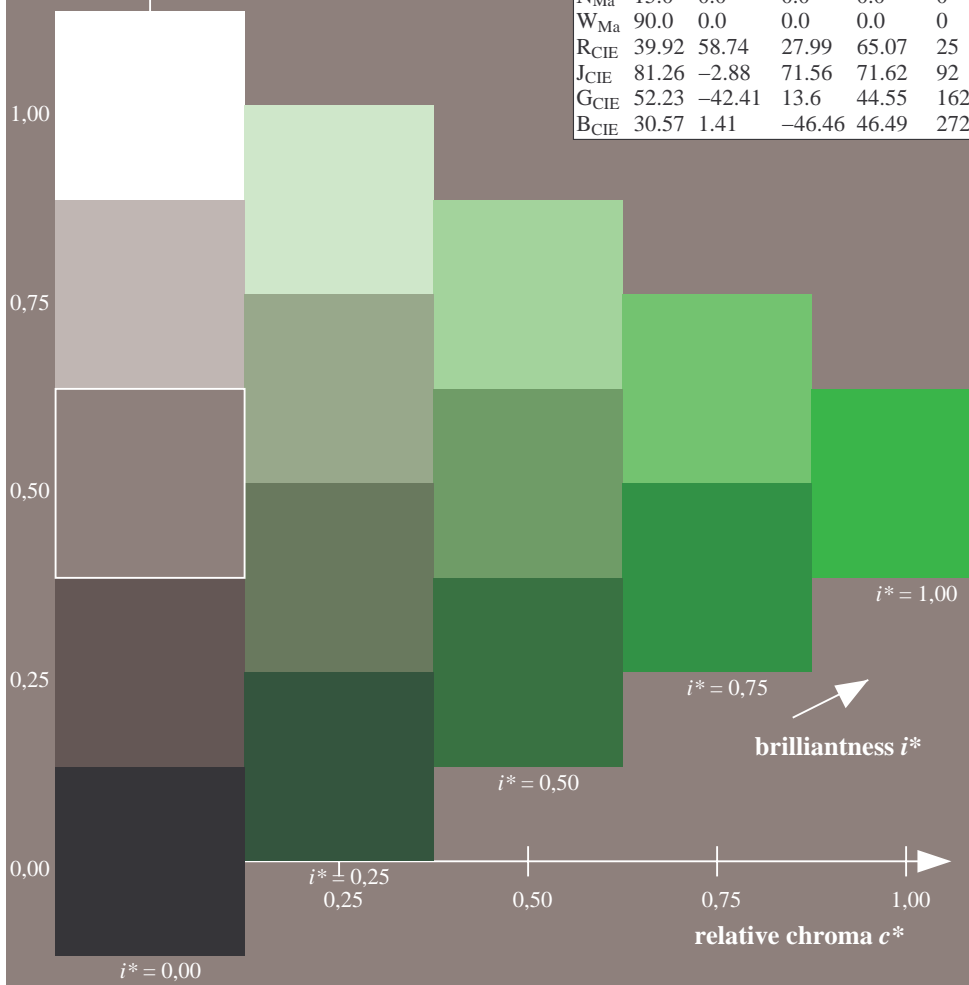
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -42 57
 $LAB^*LCH^*_{Ma}$: 54 72 127
 $lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.25 1.0 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



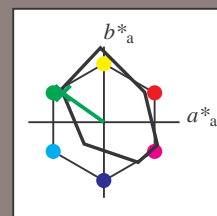
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

$u^* = j75g$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j75g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



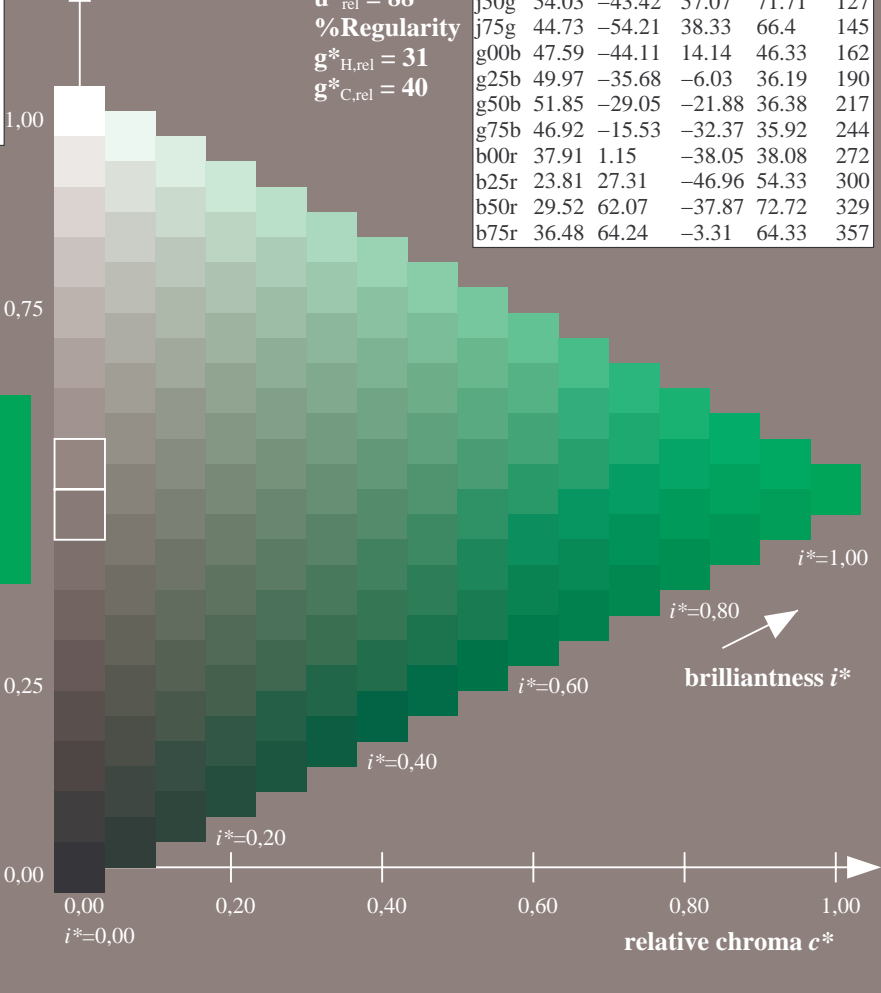
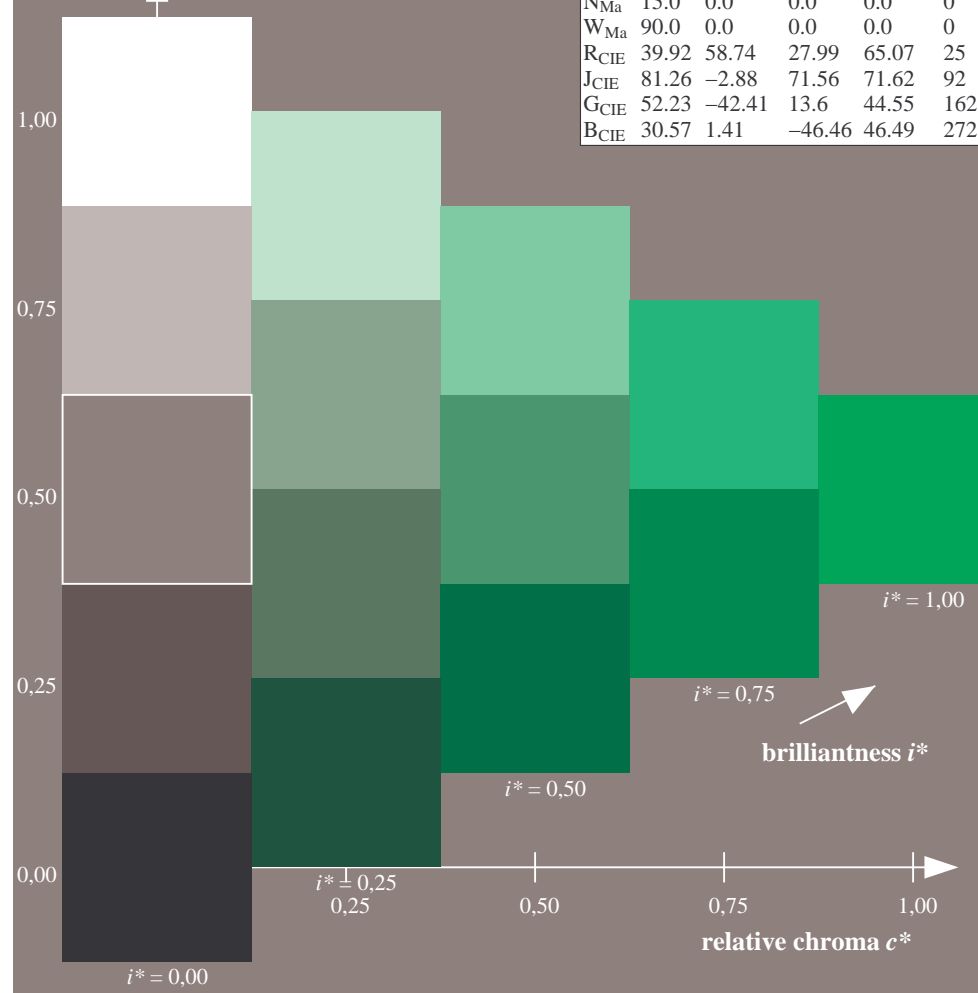
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -53 38
 $LAB^*LCH^*_{Ma}$: 45 66 145
 $lab^*rgb^*_{Ma}$: 0.25 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.07

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



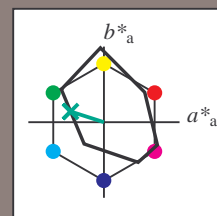
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

$u^* = g00b$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g00b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



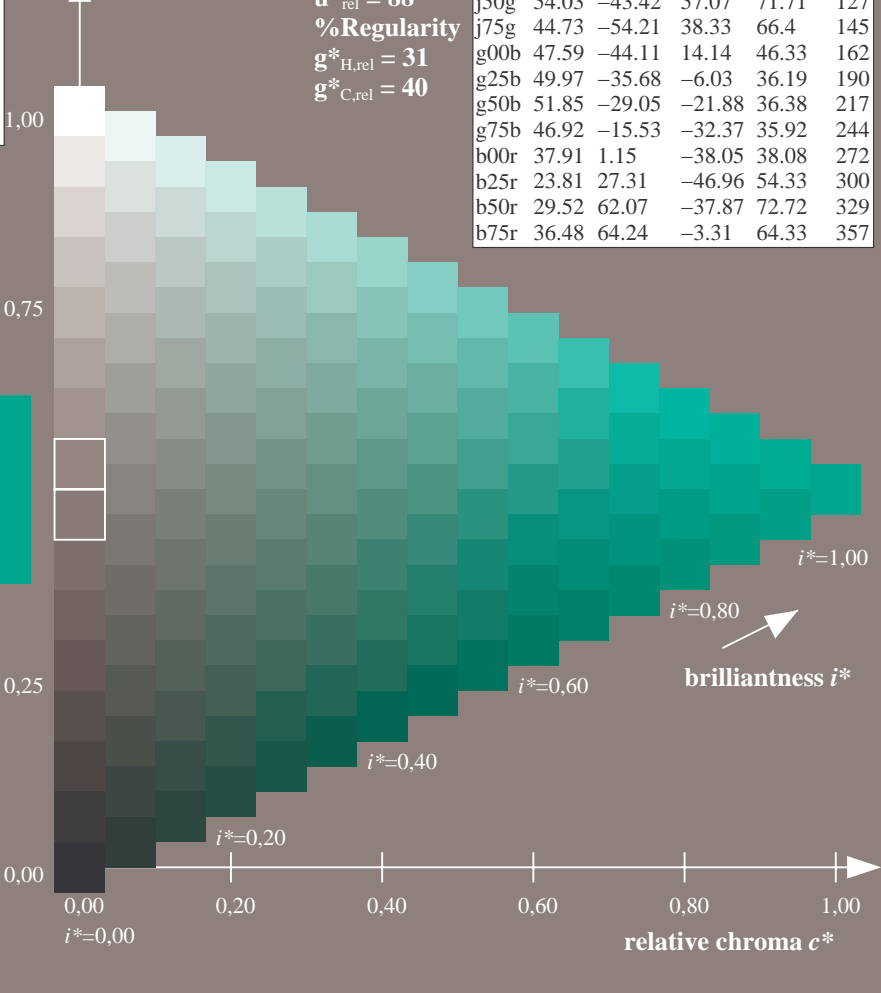
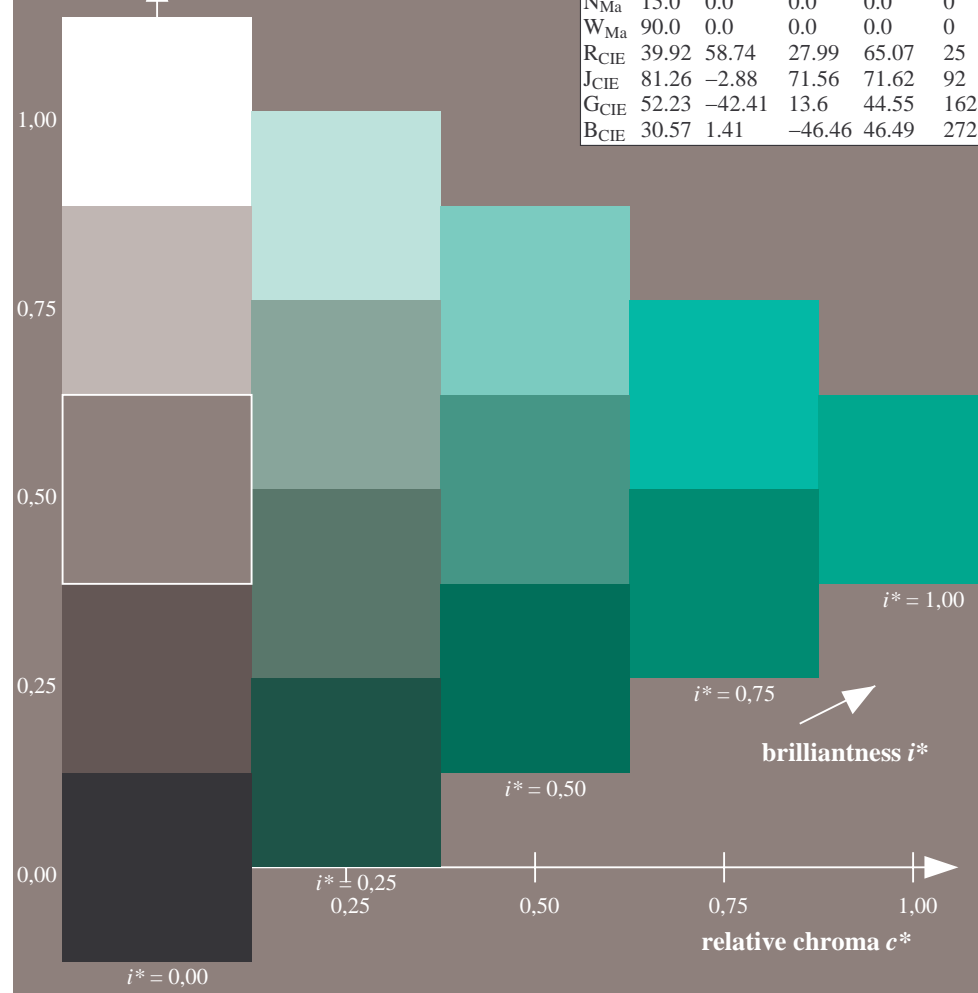
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -43 14
 $LAB^*LCH^*_{Ma}$: 48 46 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.41

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



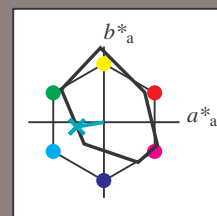
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

$u^* = g25b$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g25b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



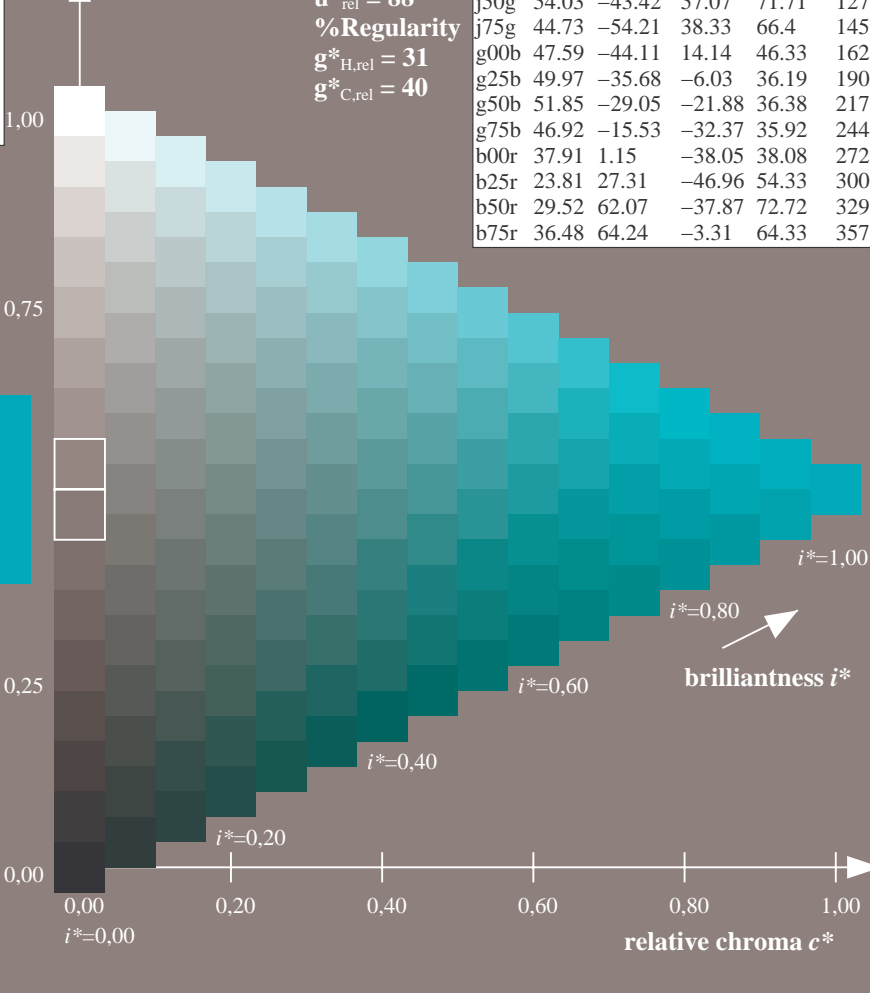
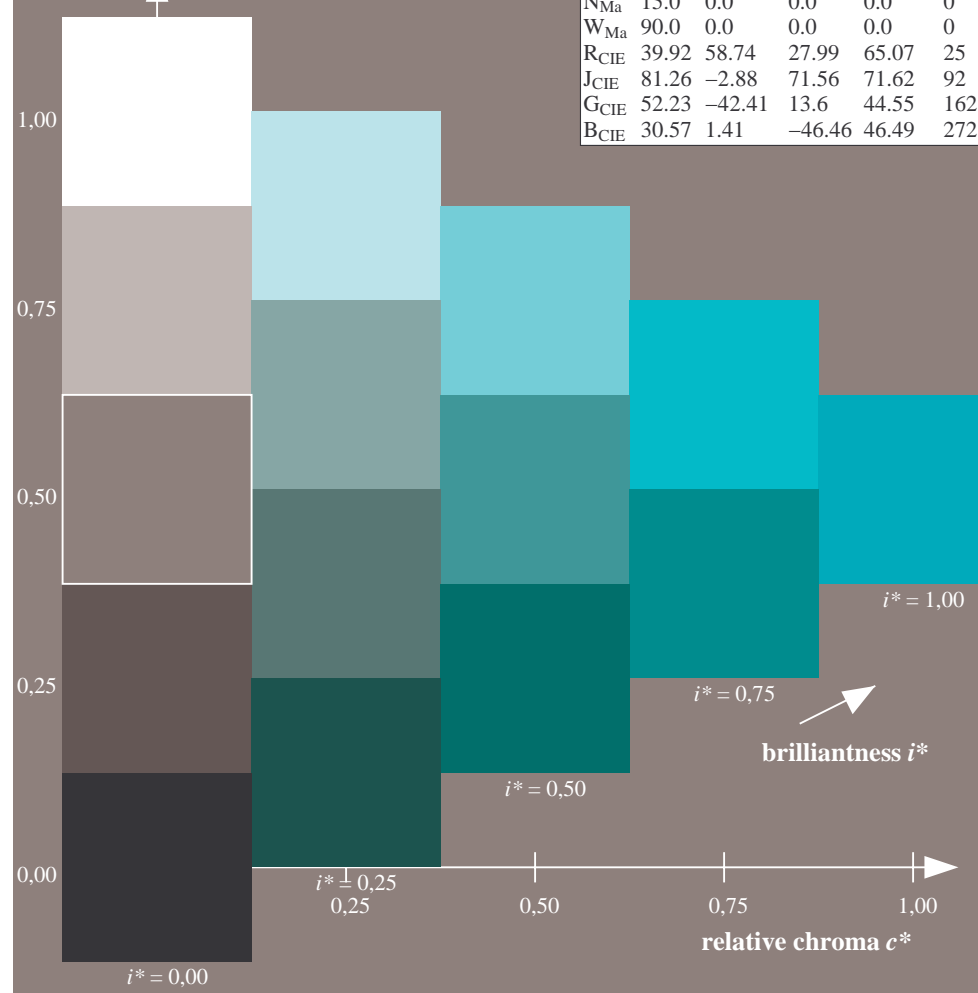
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -35 -5
 $LAB^*LCH^*_{Ma}$: 50 36 190
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.69

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



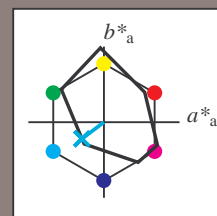
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

$u^* = g50b$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g50b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



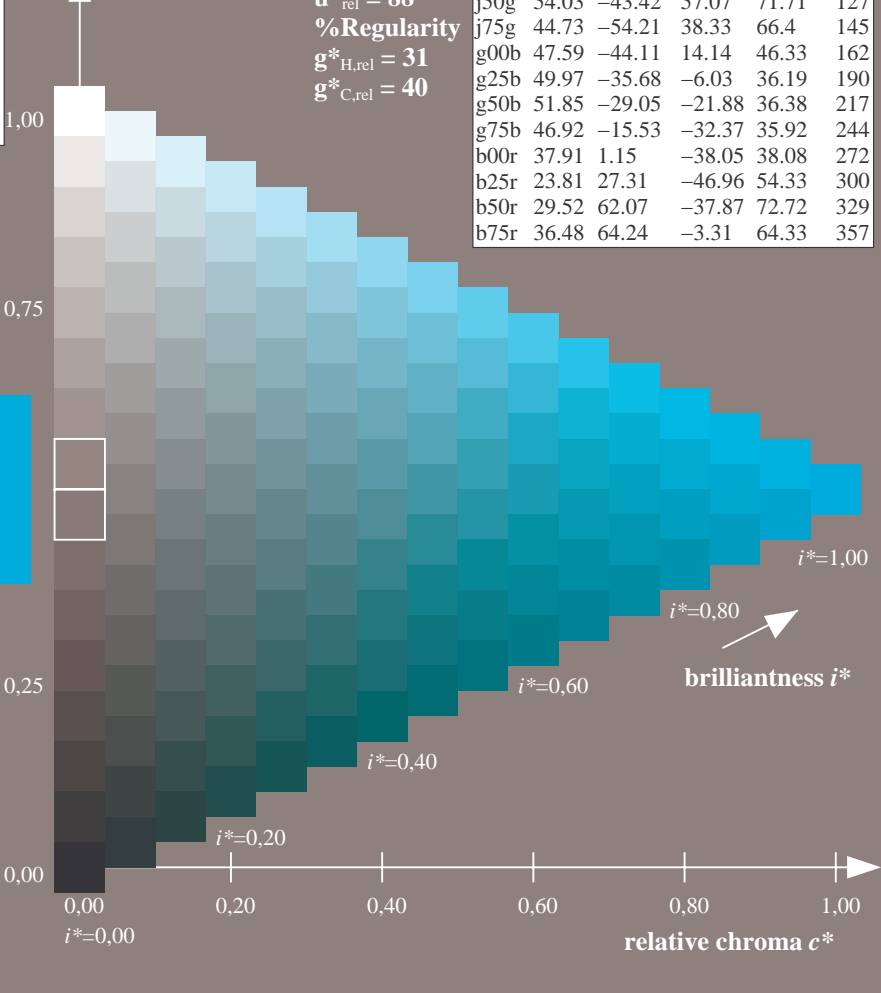
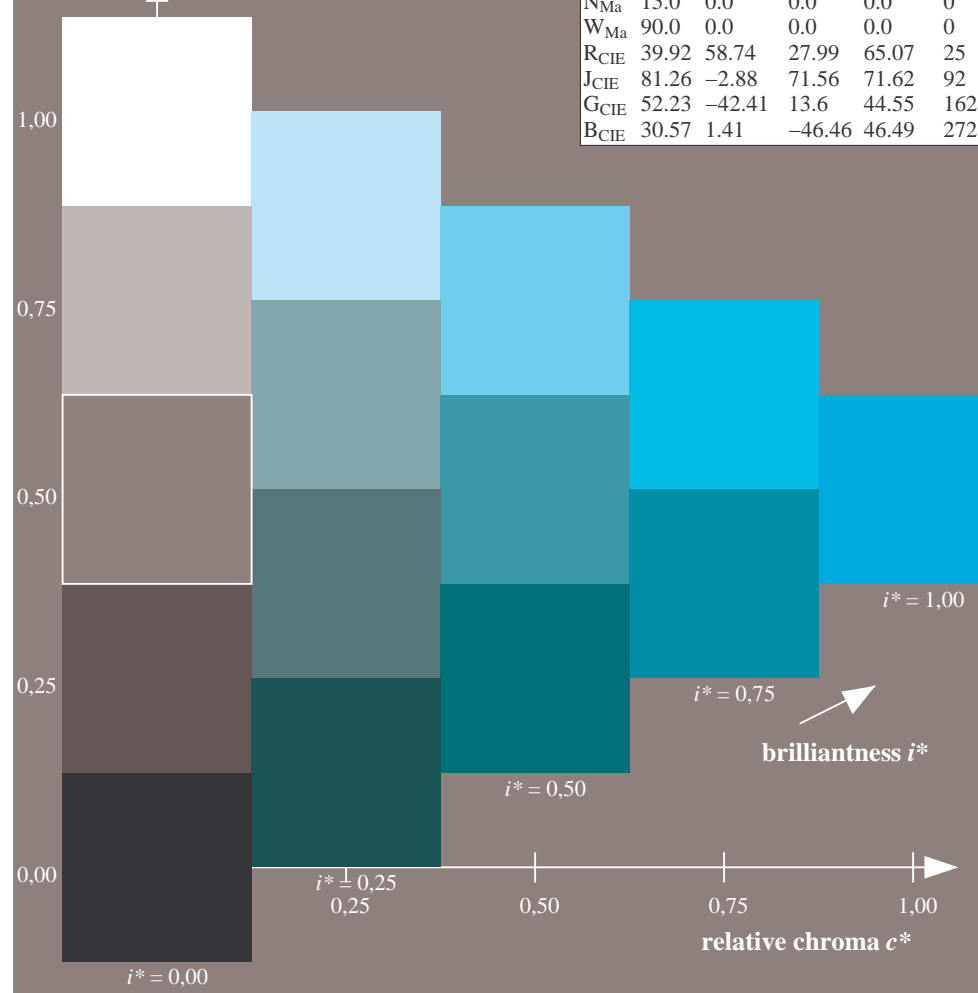
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 52 \ -28 \ -21$
 $LAB^*LCH^*_{Ma}: 52 \ 36 \ 217$
 $lab^*rgb^*_{Ma}: 0.0 \ 1.0 \ 1.0$
 $lab^*olv^*_{Ma}: 0.0 \ 1.0 \ 0.9$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



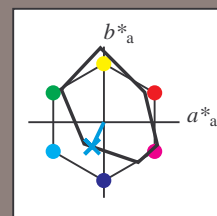
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

$u^* = g75b$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g75b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



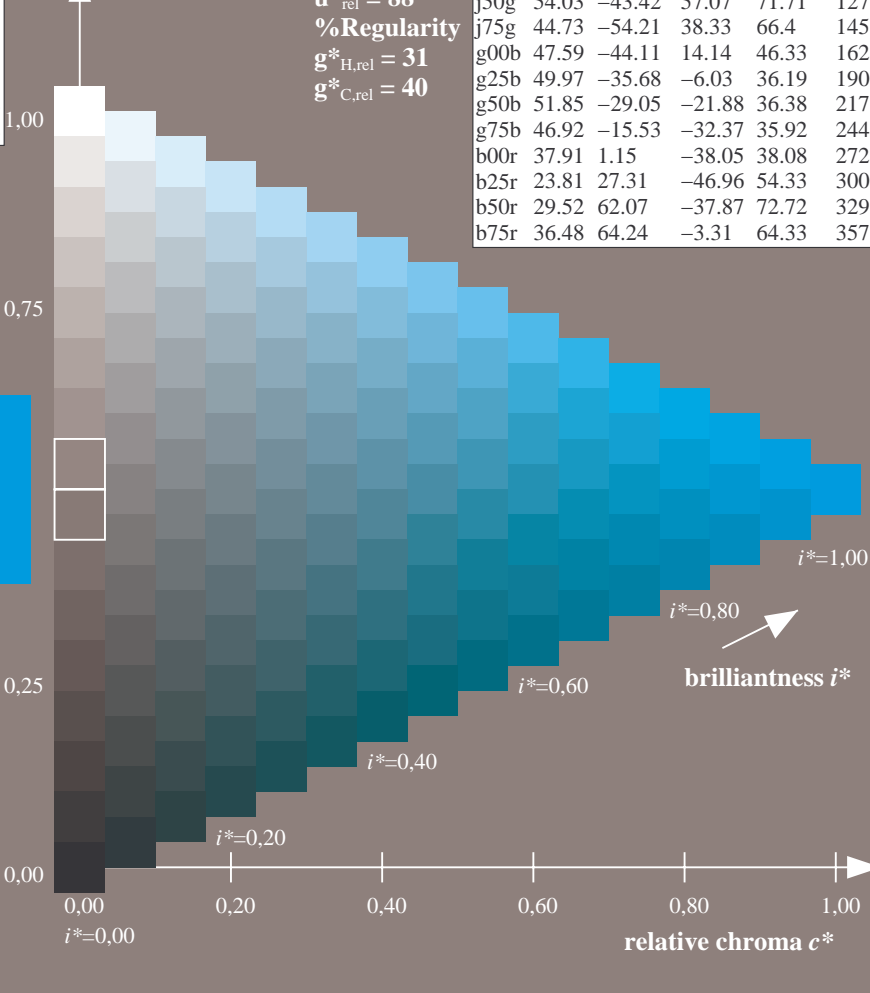
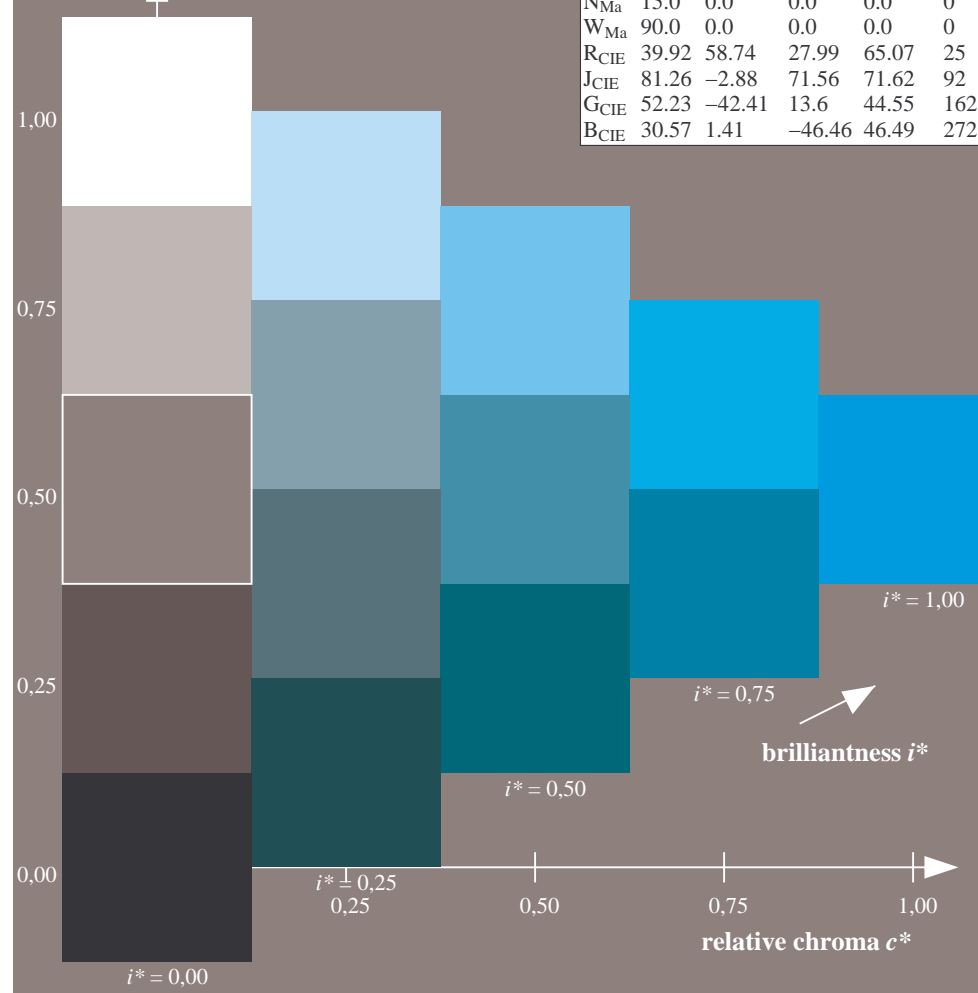
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -15 -31
 $LAB^*LCH^*_{Ma}$: 47 36 244
 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.85 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



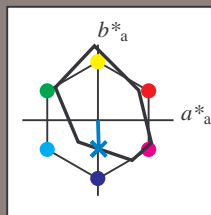
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

$u^* = b00r$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b00r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



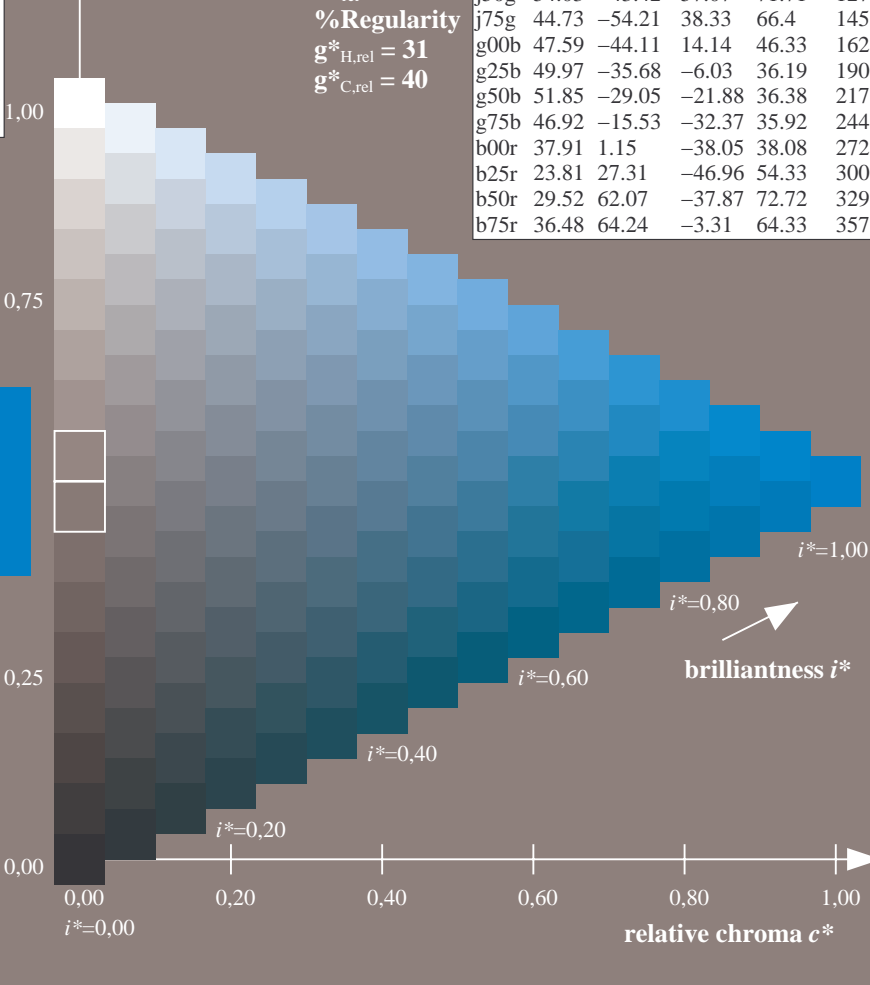
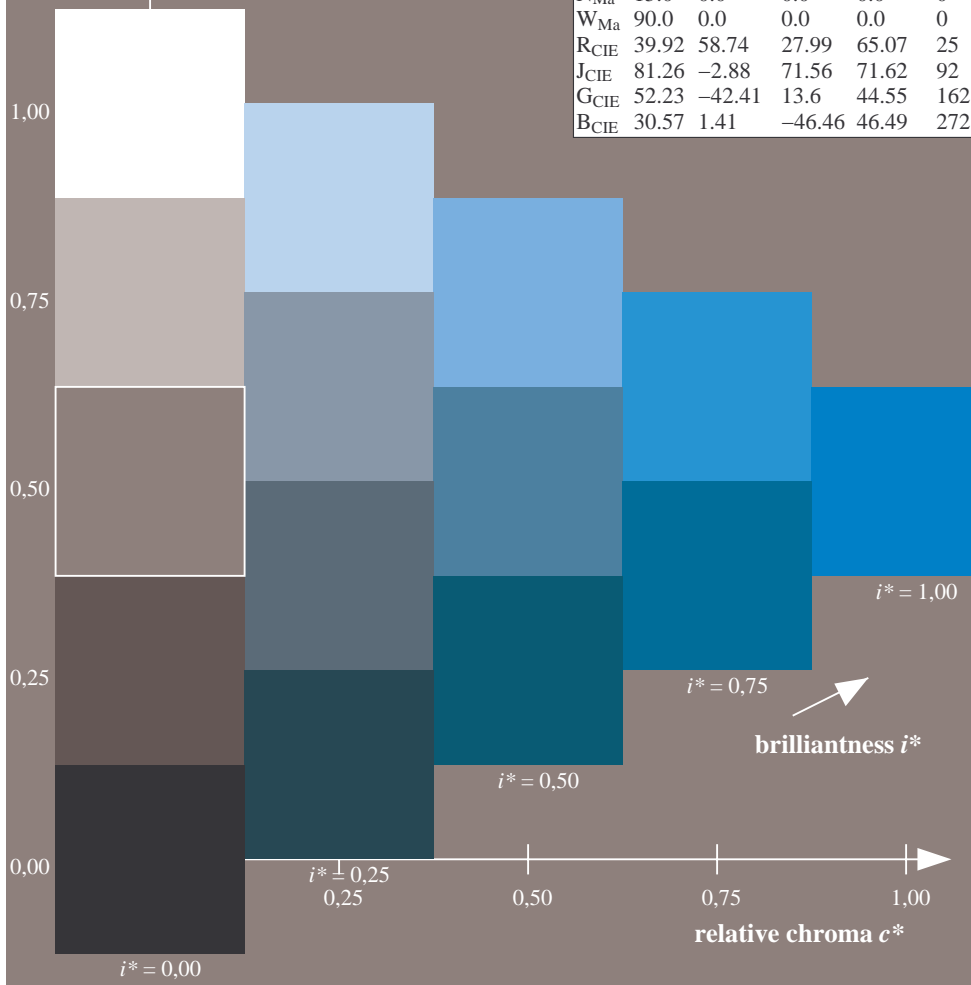
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -37
 $LAB^*LCH^*_{Ma}$: 38 38 272
 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.62 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



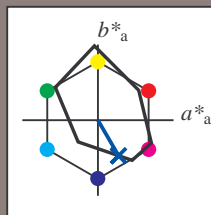
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

$u^* = b25r$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b25r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



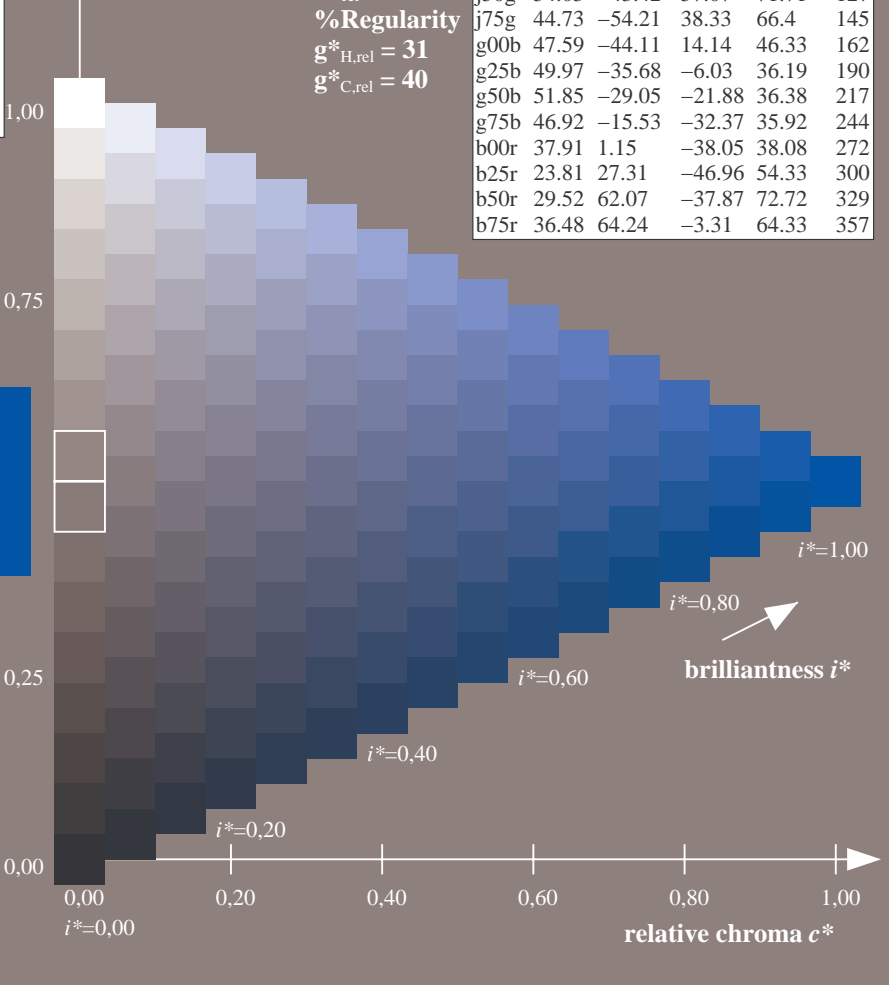
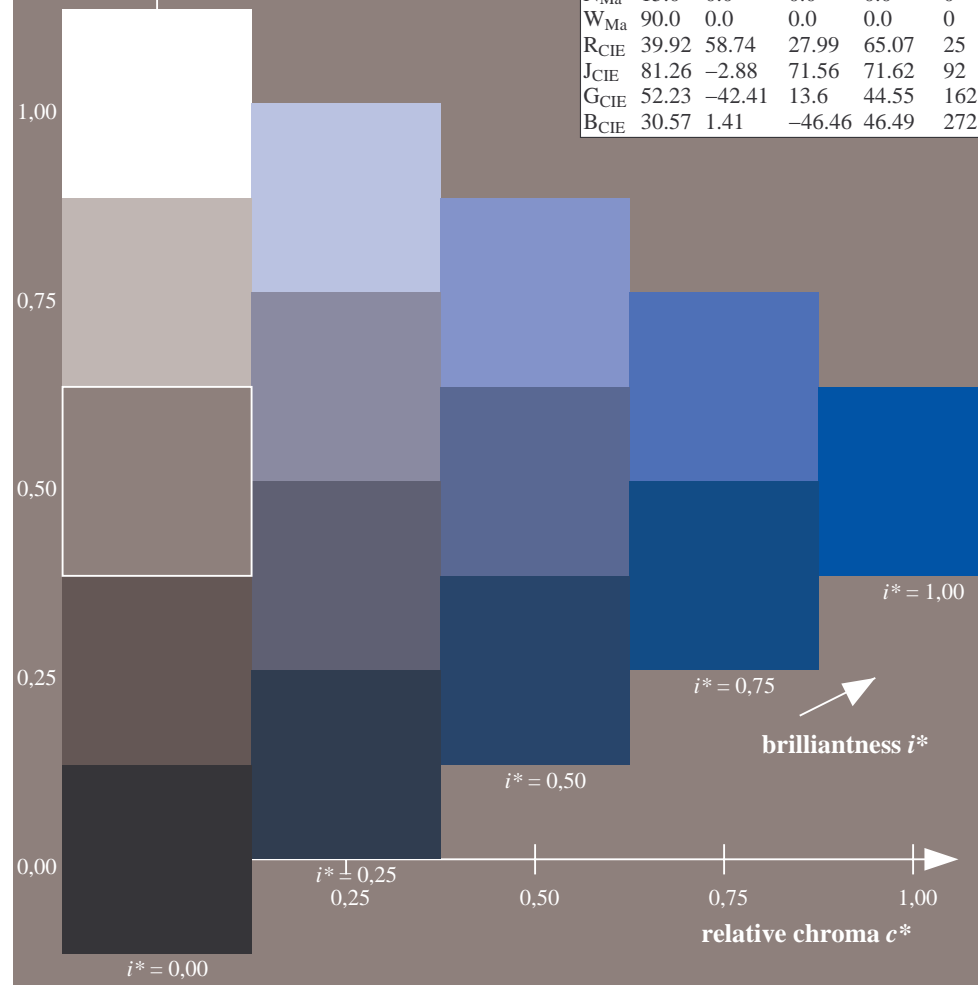
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 27 -46
 $LAB^*LCH^*_{Ma}$: 24 54 300
 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.25 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



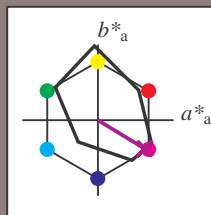
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

$u^* = b50r$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b50r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



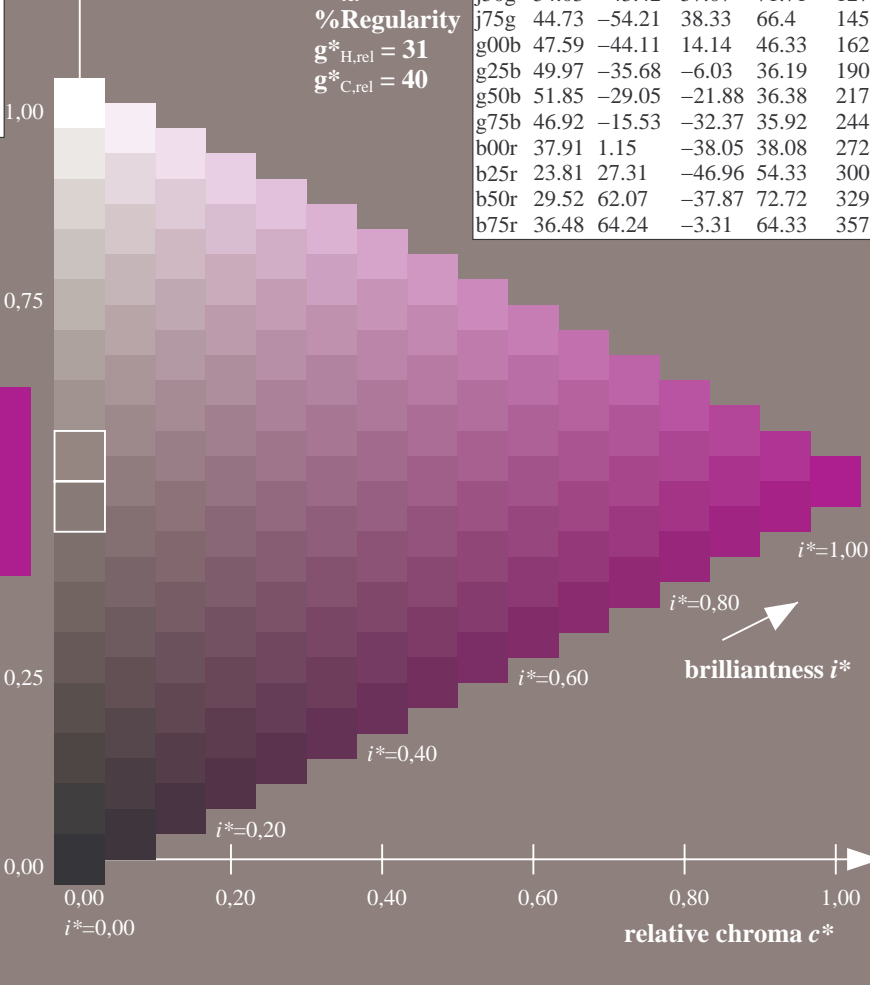
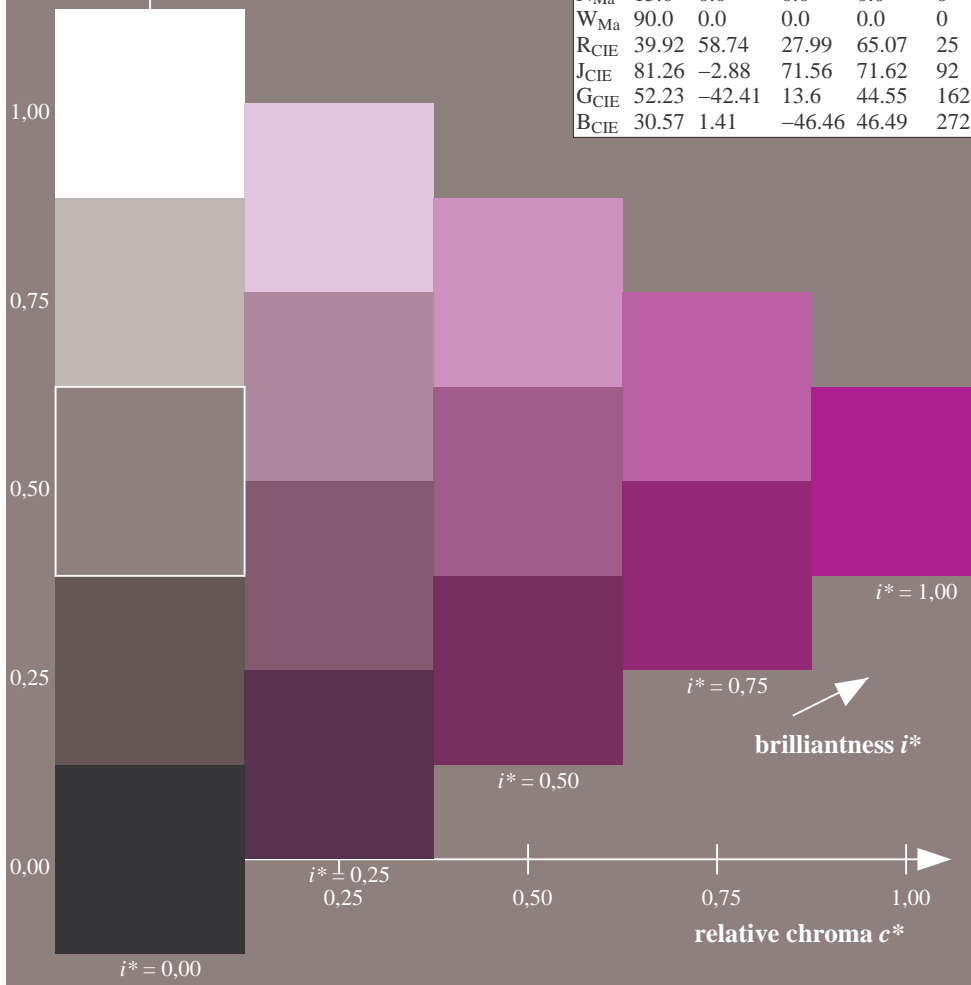
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 62 -37
 $LAB^*LCH^*_{Ma}$: 30 73 329
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.66 0.0 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



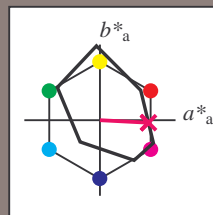
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

$u^* = b75r$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b75r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



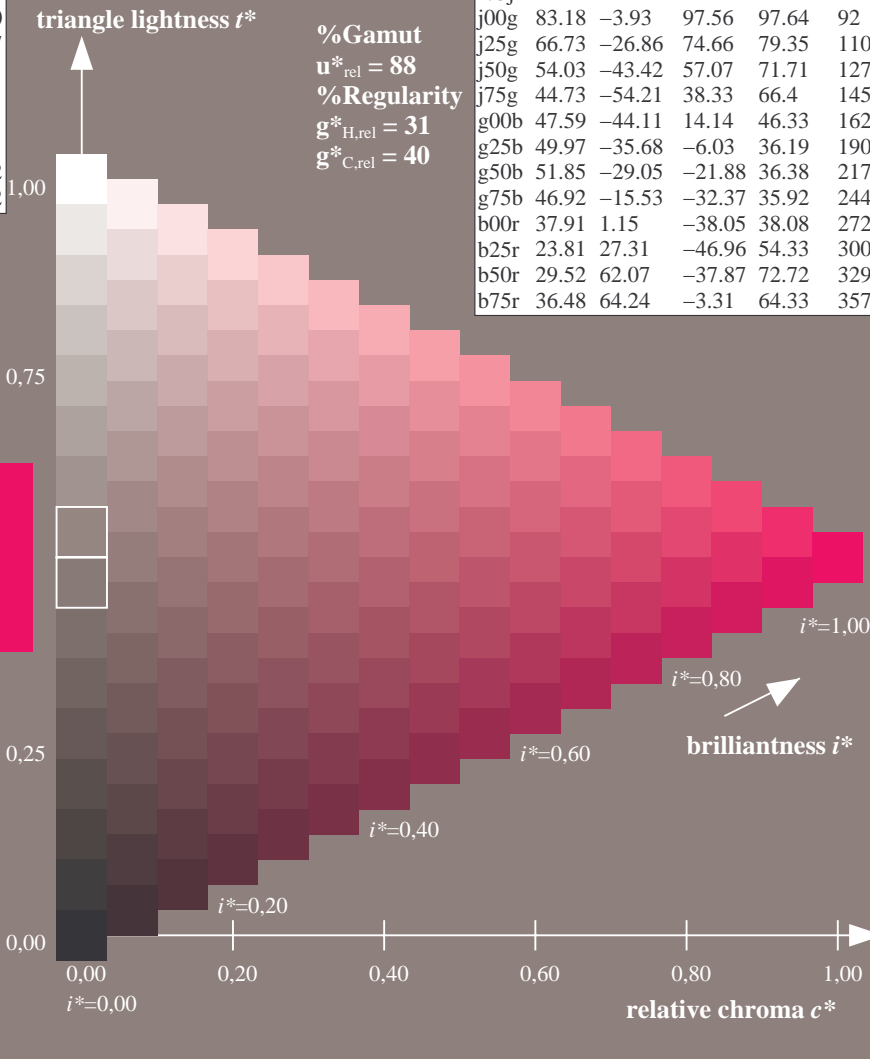
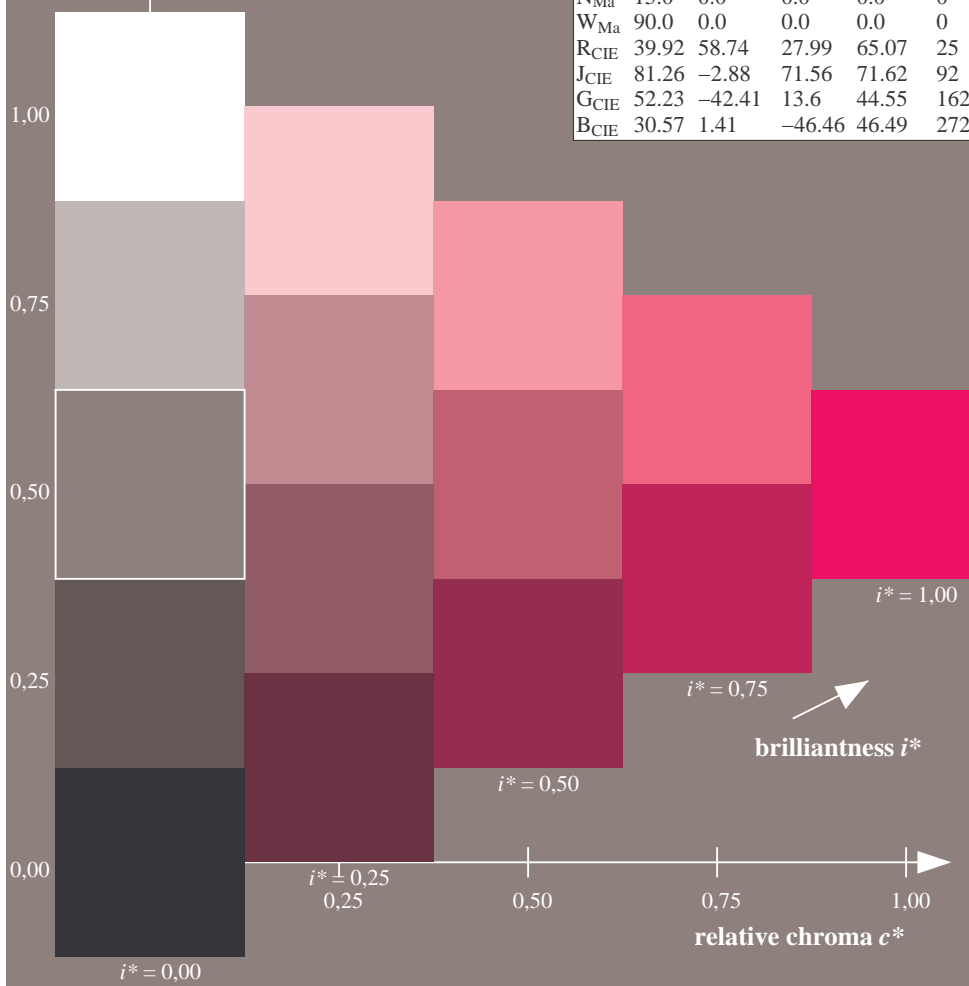
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 64 -2
 $LAB^*LCH^*_{Ma}$: 36 64 357
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.62

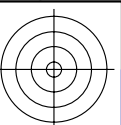
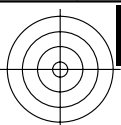
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



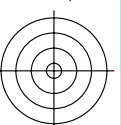
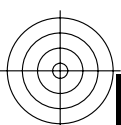
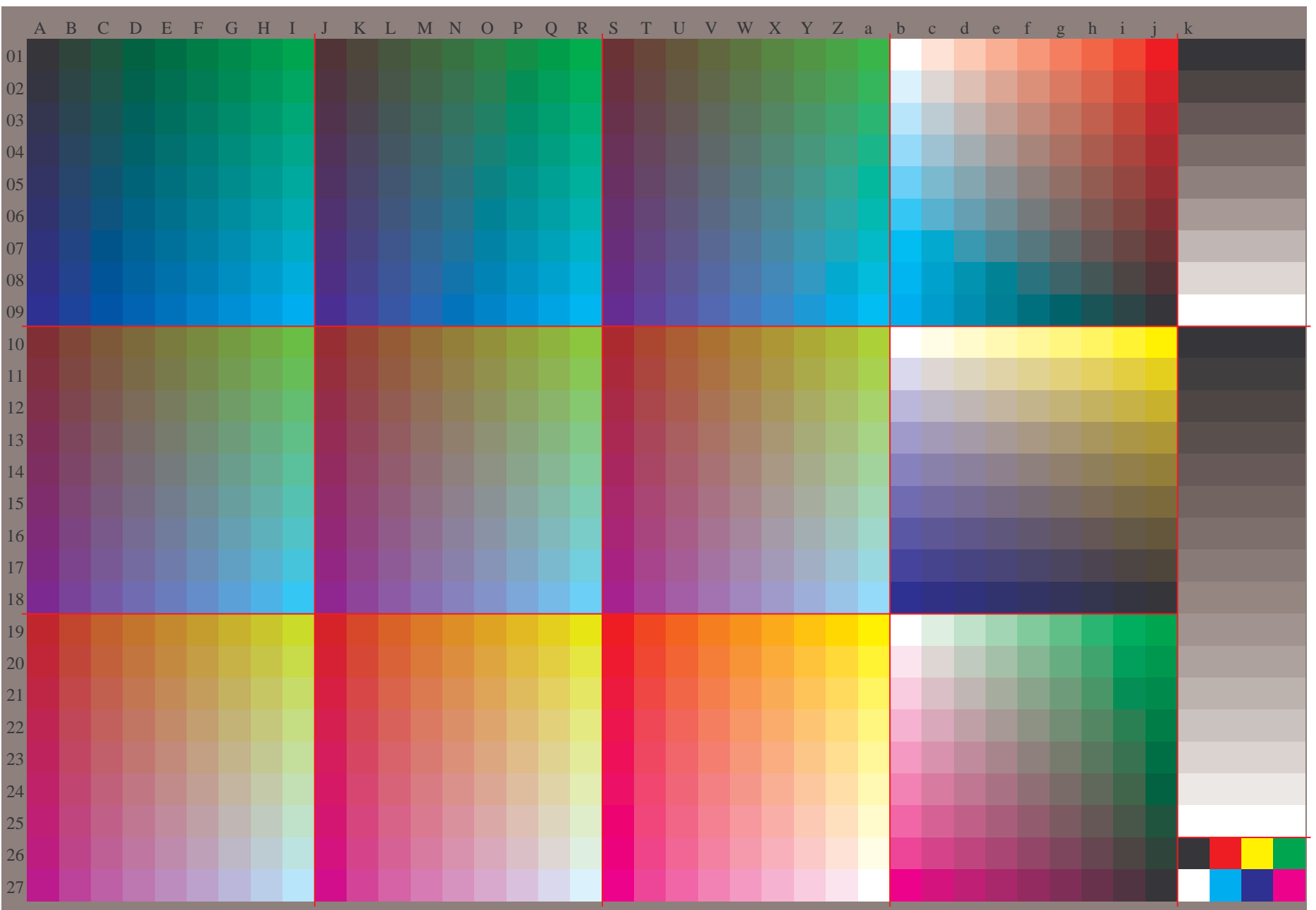
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/ .PDF
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



Input and output:

Colorimetric Printer Reflective System FRS15_90a

data for any colour:

lab^*tch^* and lab^*icu^*

elementary hue text:

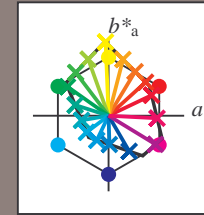
$u^* = 16$ hues $r00j$, $r25j$, ..., $b75r$

contrast reduction factor:

$c_R = 0.9$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



%Gamut

$u^*_{rel} = 88$

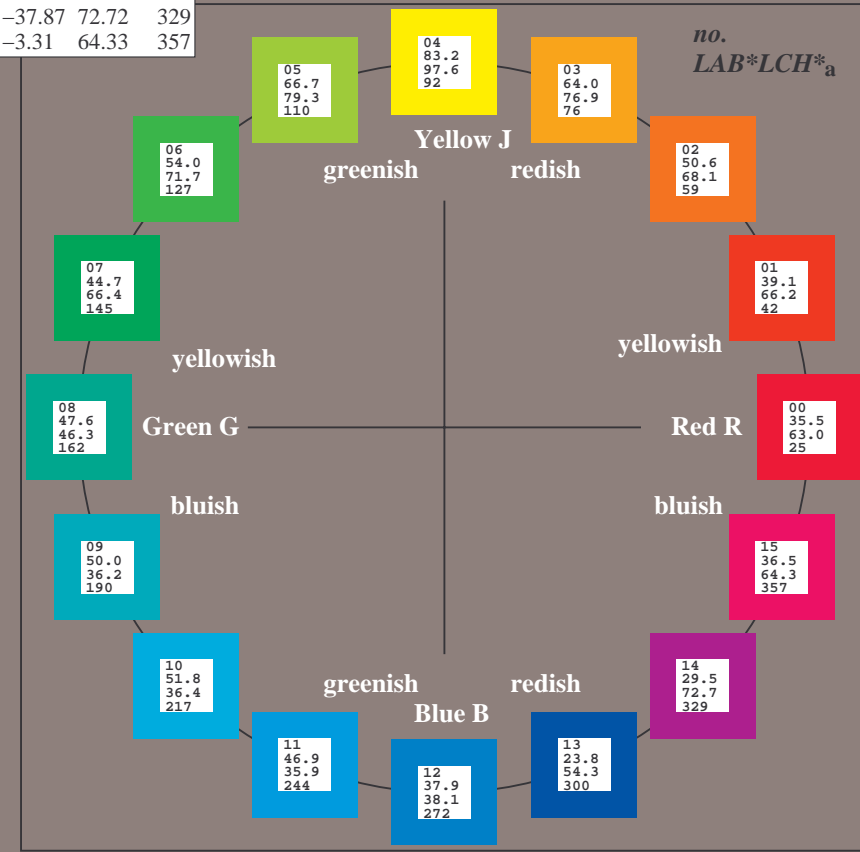
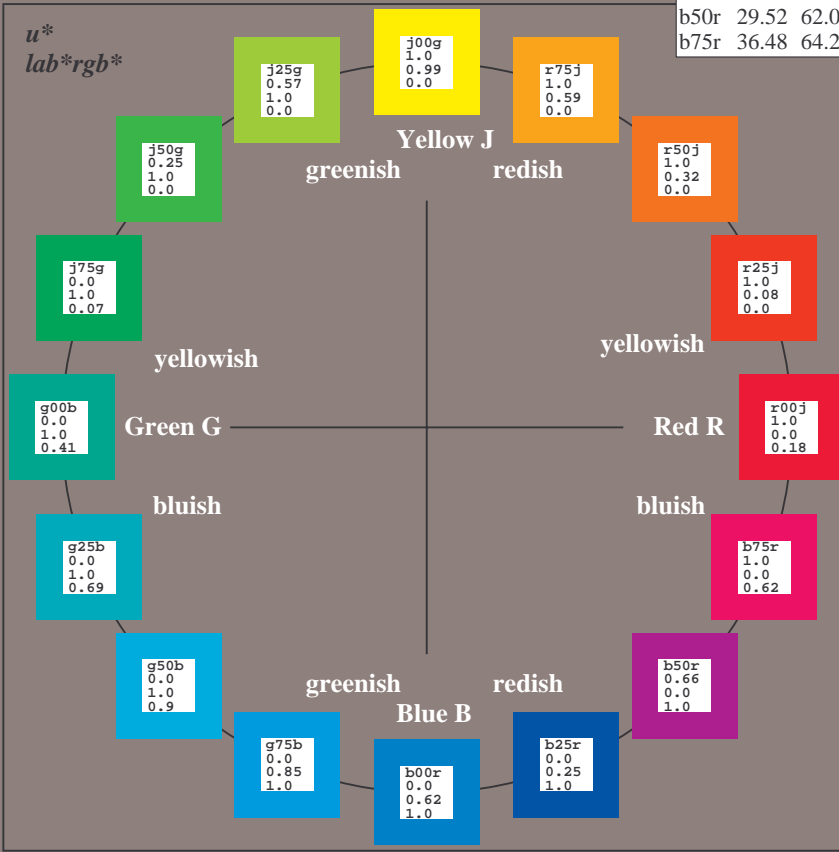
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	35.06	53.93	39.55	66.88	36
YMa	83.77	-4.63	98.26	98.37	93
LMa	44.13	-56.32	43.36	71.09	142
CMa	52.66	-26.18	-28.74	38.89	228
VMa	14.15	45.22	-53.06	69.72	310
MMa	37.37	70.69	-30.1	76.83	337
NMa	15.0	0.0	0.0	0.0	0
WMa	90.0	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/ .PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

lab^*tch^* and lab^*icu^*

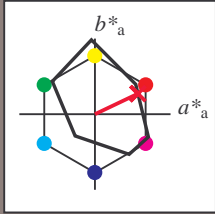
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 57 27

$LAB^*LCH^*_{Ma}$: 35 63 25

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0

$lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

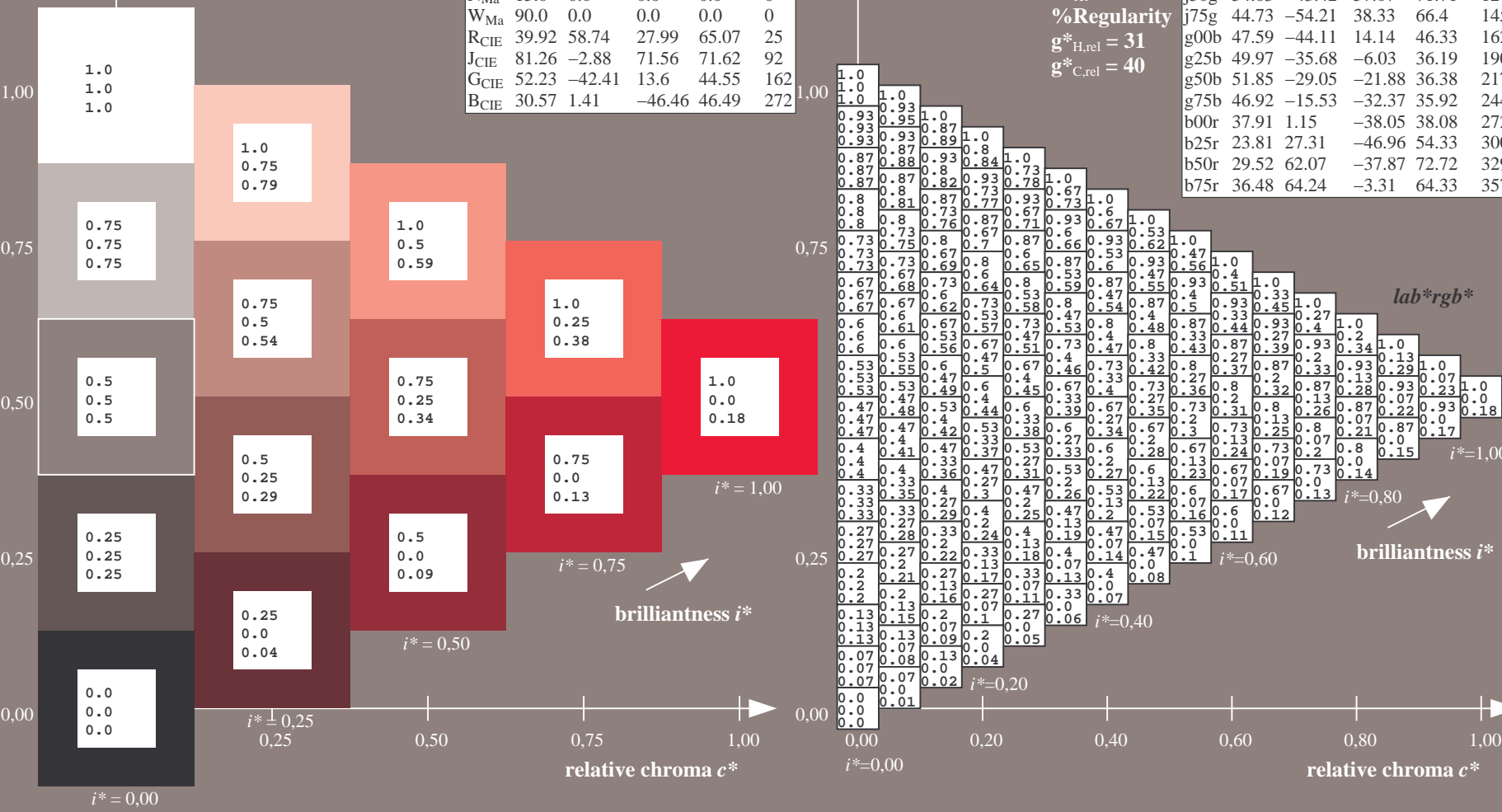
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

lab^*tch^* and lab^*icu^*

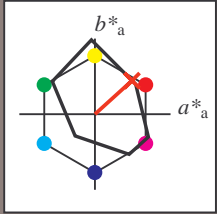
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 49 44

$LAB^*LCH^*_{Ma}$: 39 66 42

$lab^*rgb^*_{Ma}$: 1.0 0.25 0.0

$lab^*olv^*_{Ma}$: 1.0 0.08 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

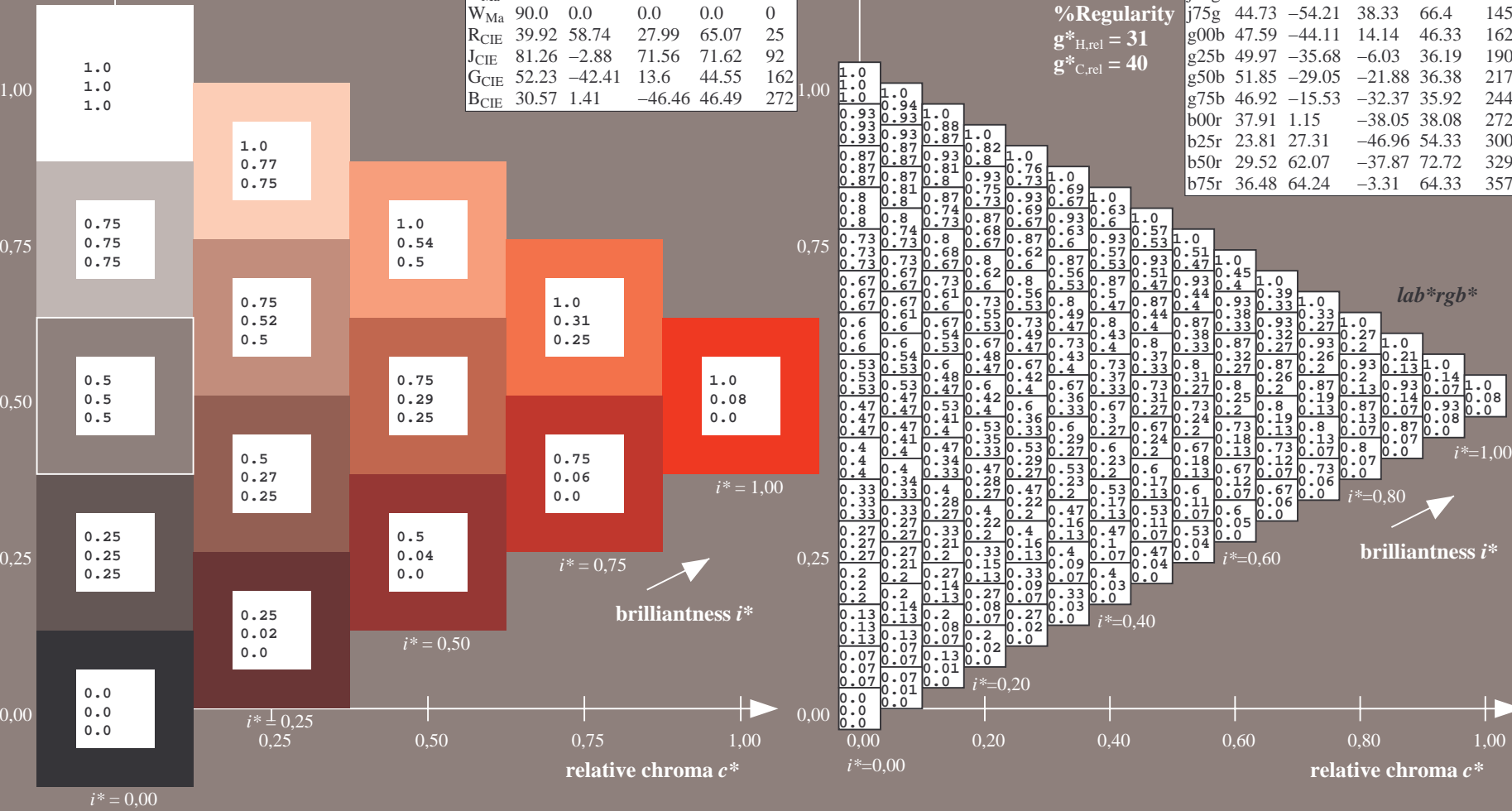
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

$u^* = r25j$
 lab^*rgb^*



See for similar files: <http://www.ps.bam.de/De97/>; <http://www.ps.bam.de/De97/10L/L97E00NP.PS/> .PDF
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

lab^*tch^* and lab^*icu^*

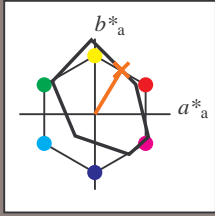
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 35 58

$LAB^*LCH^*_{Ma}$: 51 68 59

$lab^*rgb^*_{Ma}$: 1.0 0.5 0.0

$lab^*olv^*_{Ma}$: 1.0 0.32 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

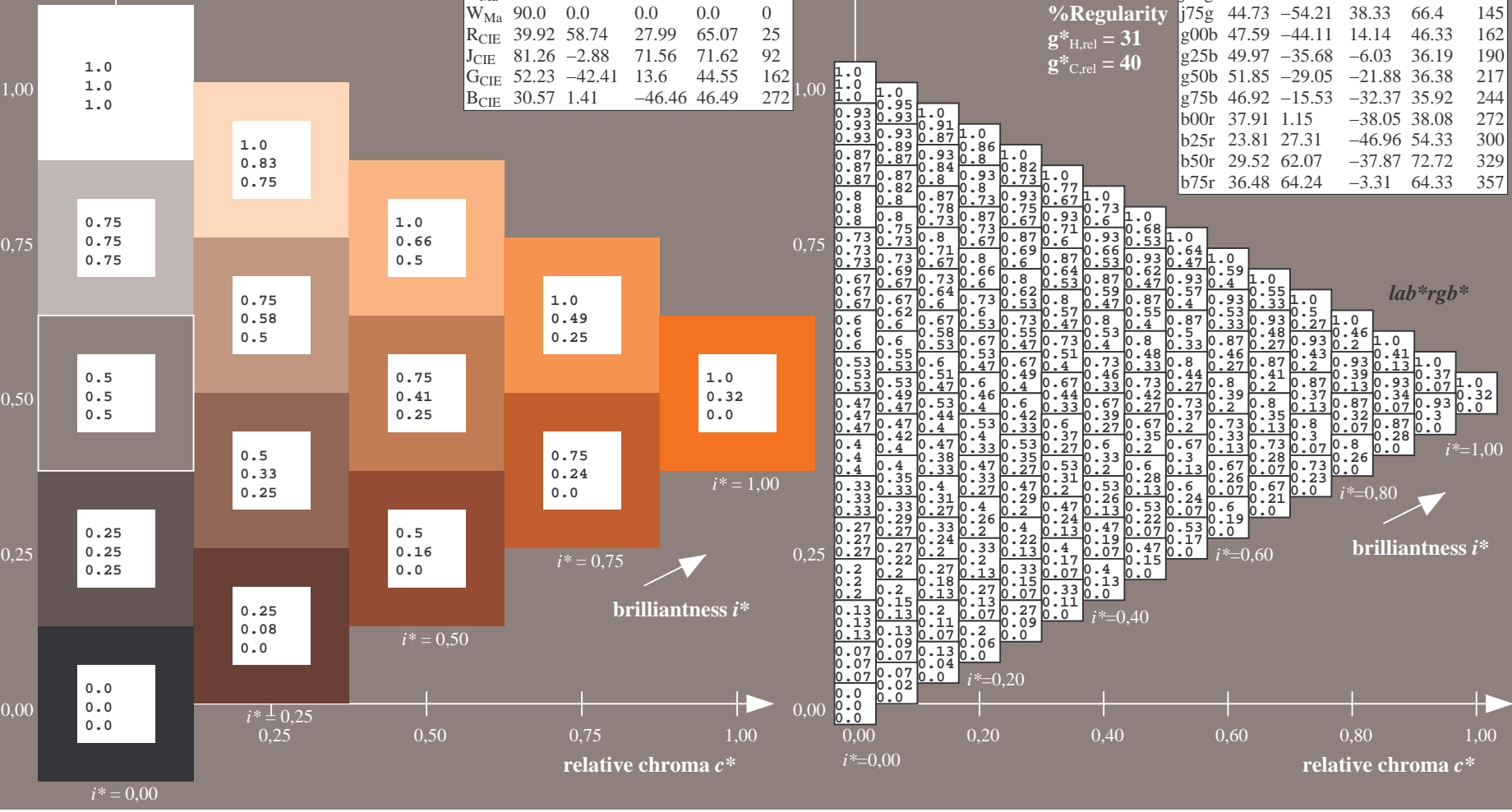
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

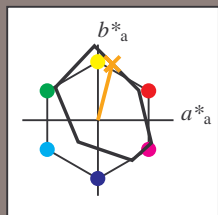
FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r75j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



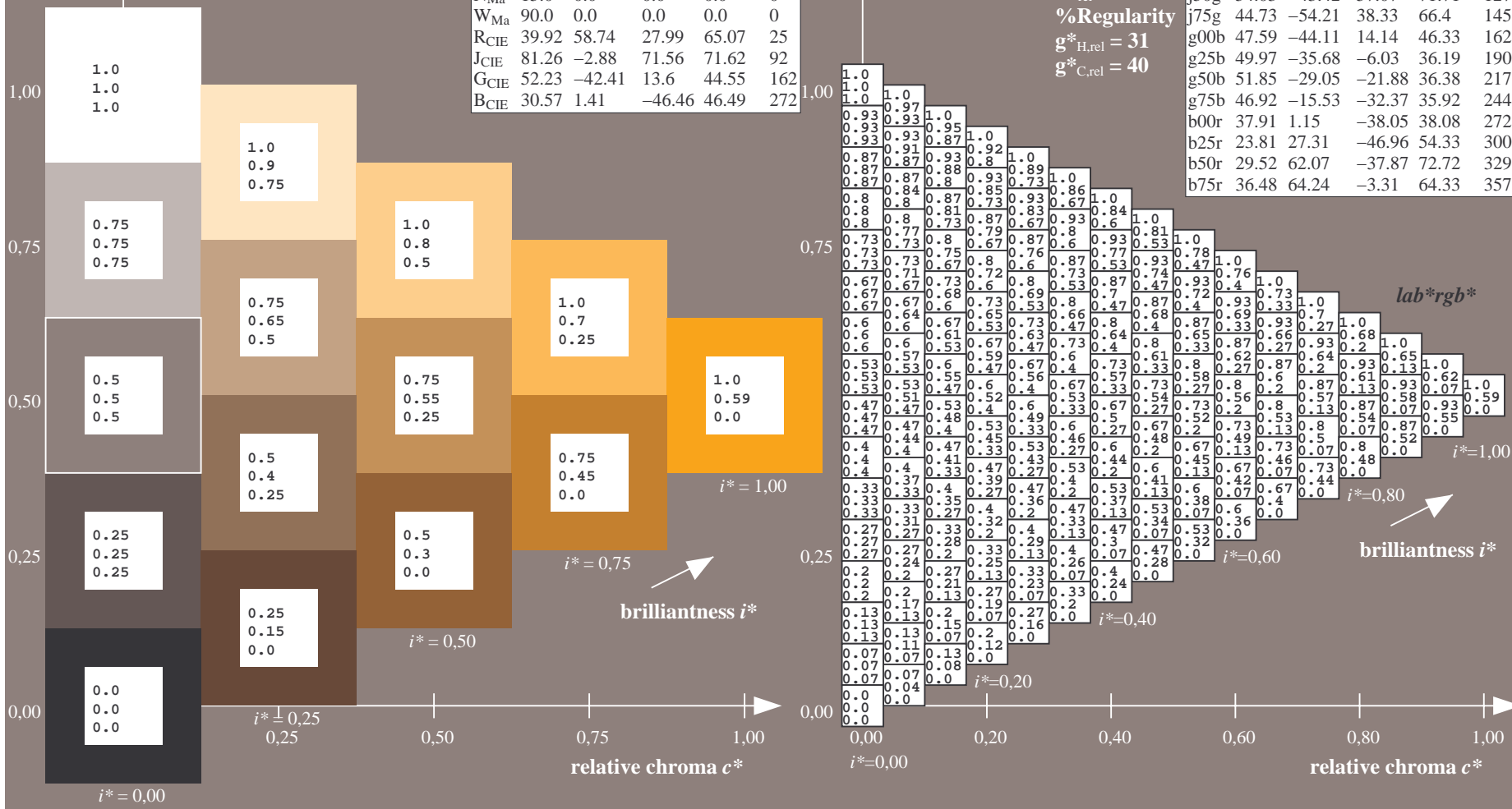
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

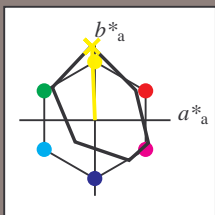


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:
 lab^*tch^* and $lab^*ic_u^*$
 elementary hue text:
 $u^* = j00g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



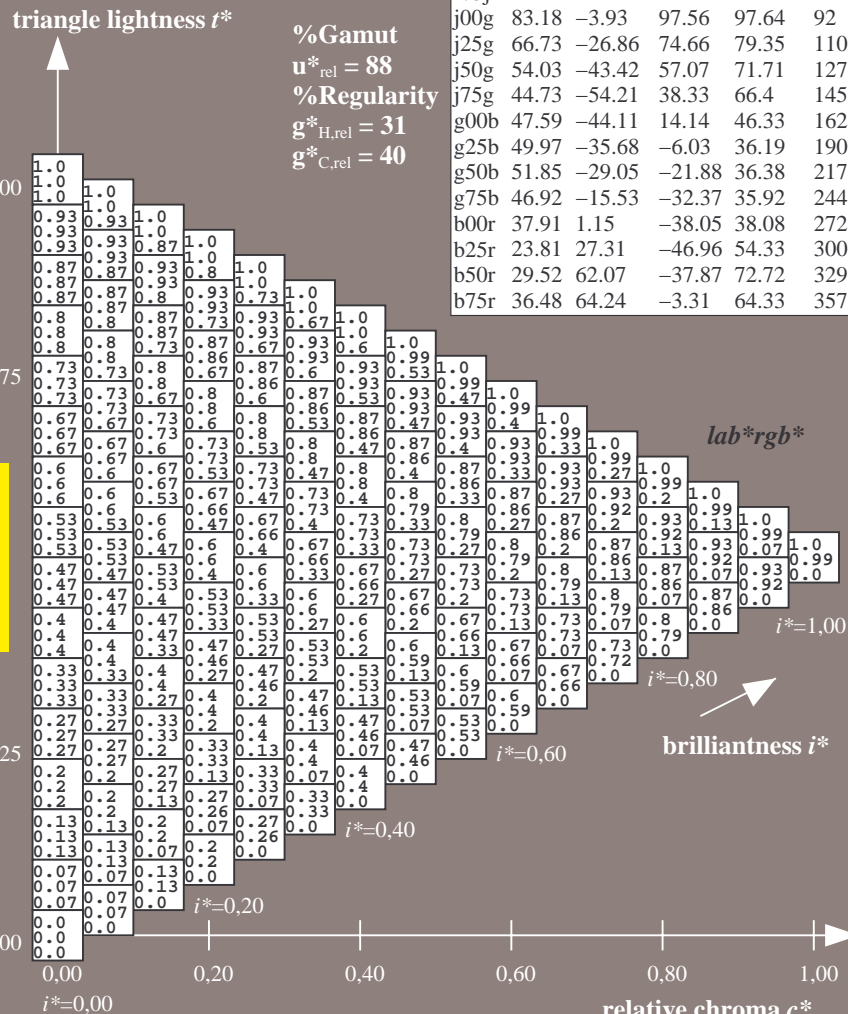
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



See for similar files: <http://www.ps.bam.de/De97/>; <http://www.ps.bam.de/De97/10L/L97E00NP.PS/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

lab^*tch^* and lab^*icu^*

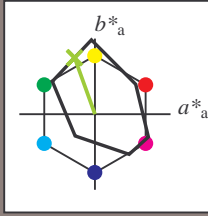
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -26 75

$LAB^*LCH^*_{Ma}$: 67 79 110

$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0

$lab^*olv^*_{Ma}$: 0.57 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

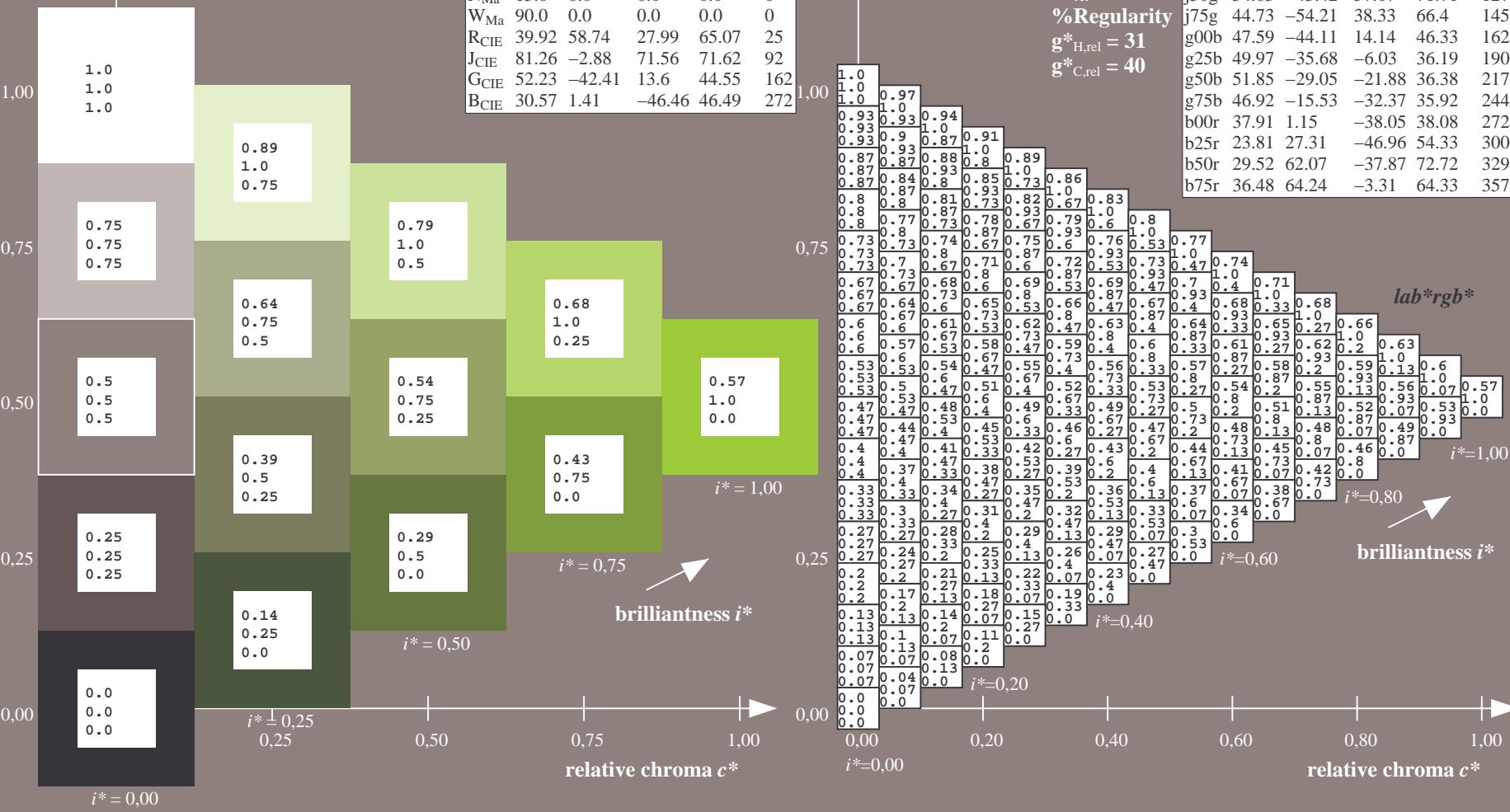
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

lab^*tch^* and lab^*icu^*

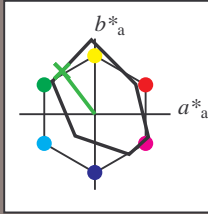
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -42 57

$LAB^*LCH^*_{Ma}$: 54 72 127

$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

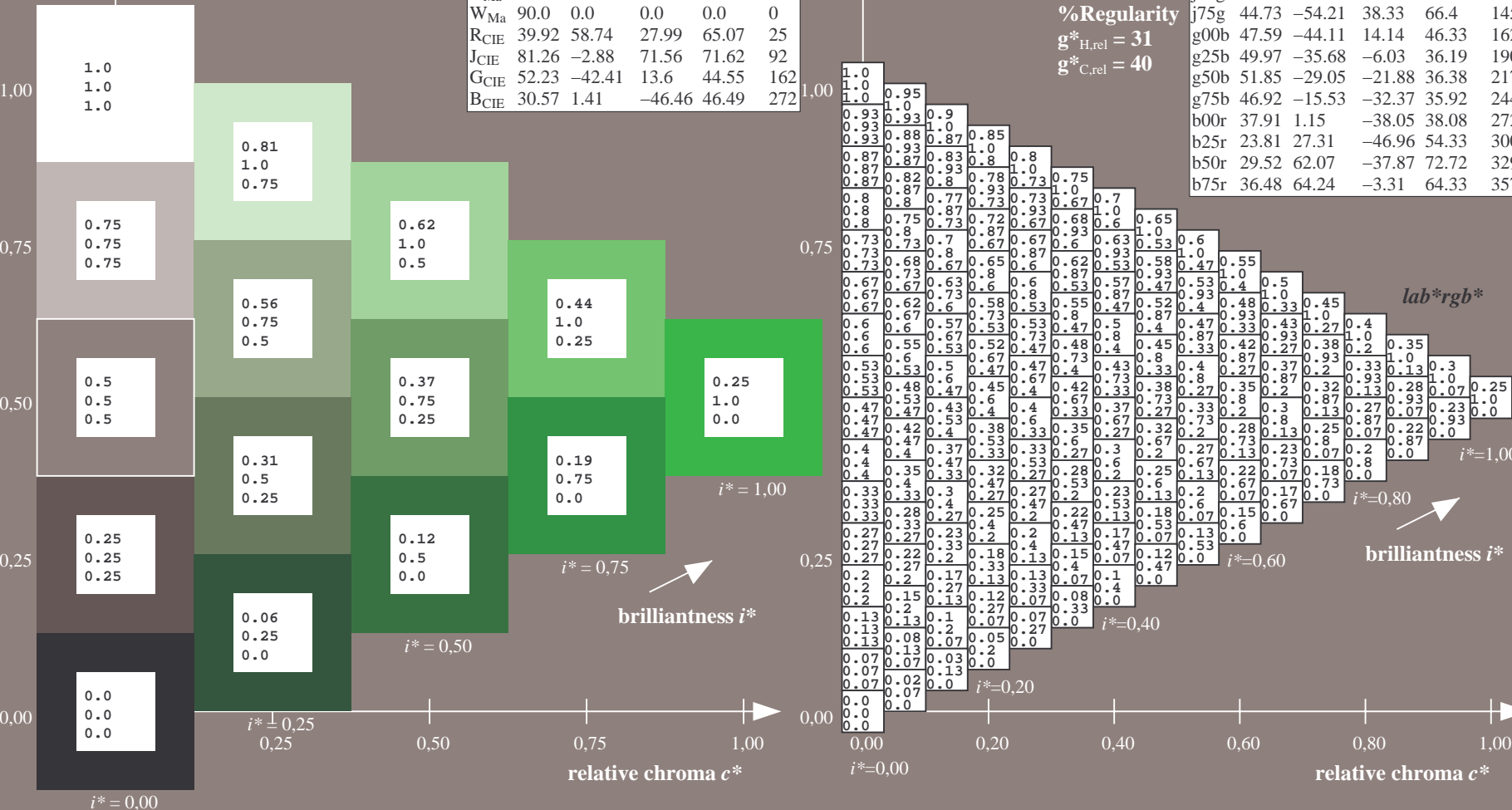
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

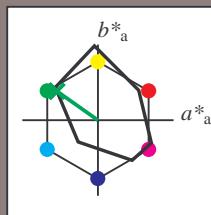
FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j75g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

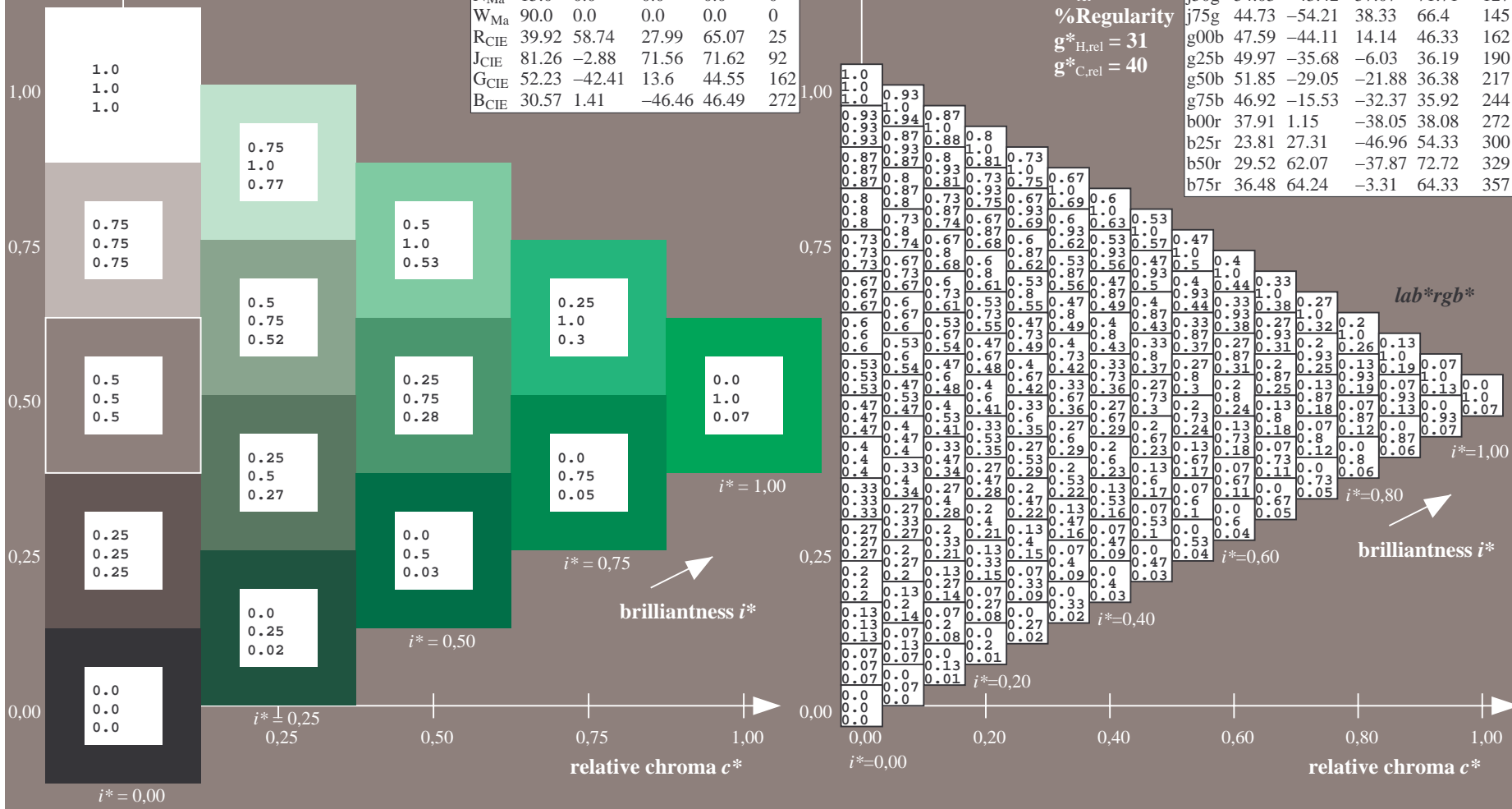
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -53 38
 $LAB^*LCH^*_{Ma}$: 45 66 145
 $lab^*rgb^*_{Ma}$: 0.25 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.07

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

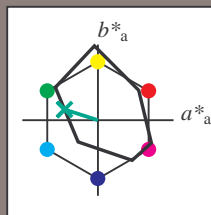


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g00b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

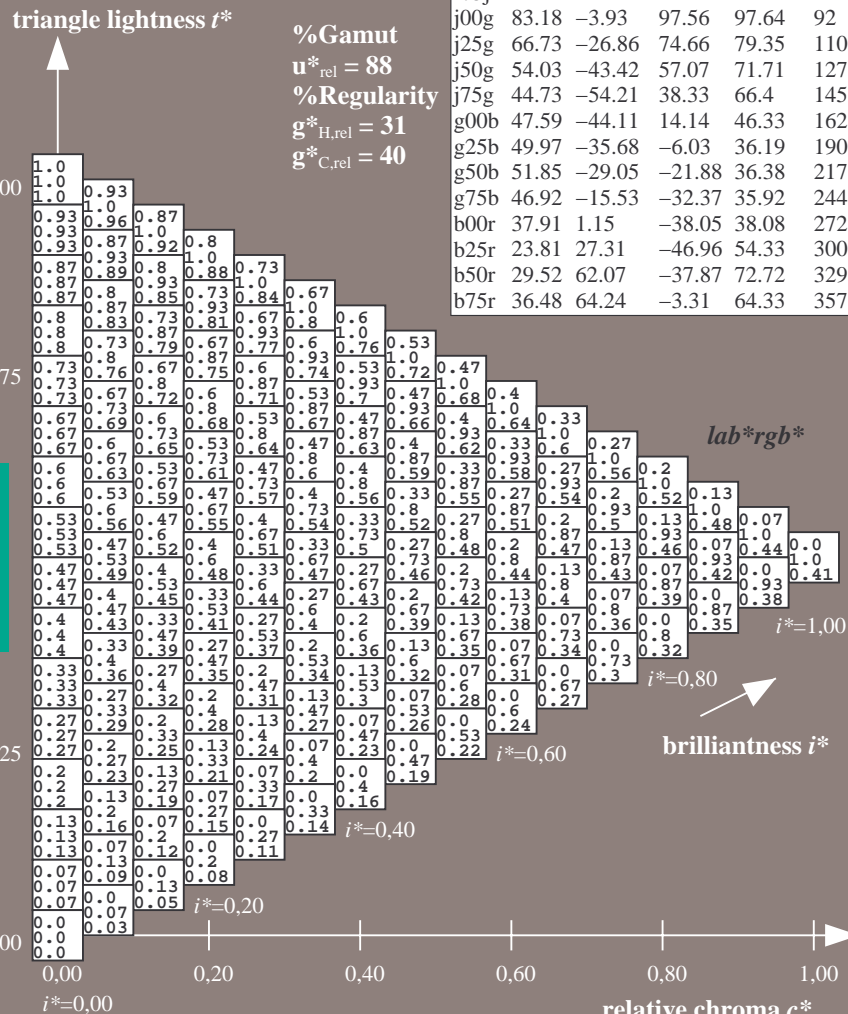
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -43 14
 $LAB^*LCH^*_{Ma}$: 48 46 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.41

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

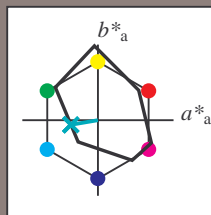
%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g25b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

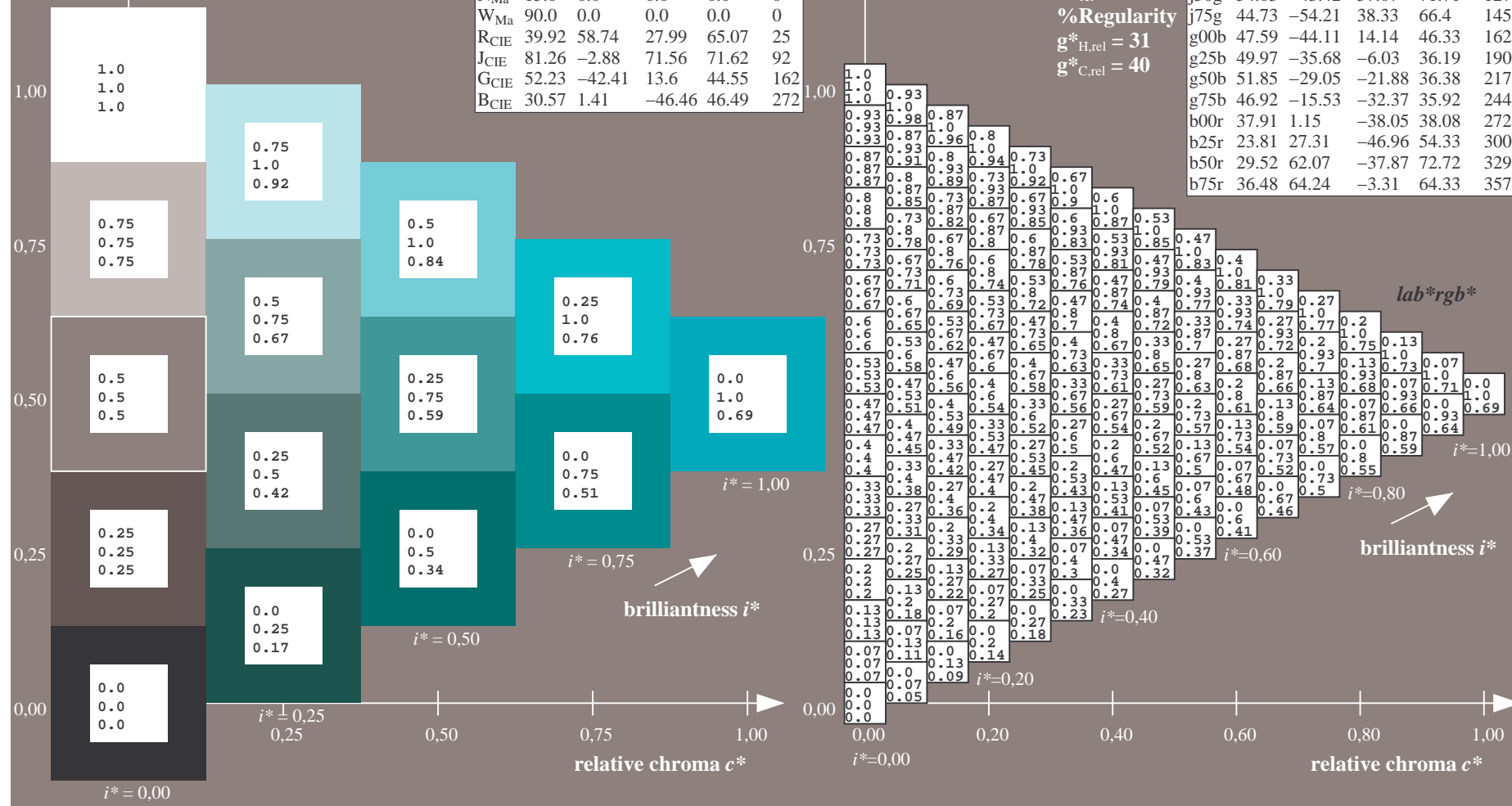
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 50 \ -35 \ -5$
 $LAB^*LCH^*_{Ma}: 50 \ 36 \ 190$
 $lab^*rgb^*_{Ma}: 0.0 \ 1.0 \ 0.5$
 $lab^*olv^*_{Ma}: 0.0 \ 1.0 \ 0.69$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

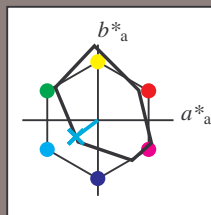


See for similar files: <http://www.ps.bam.de/De97/>; <http://www.ps.bam.de/De97/10L/L97E00NP.PS/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g50b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

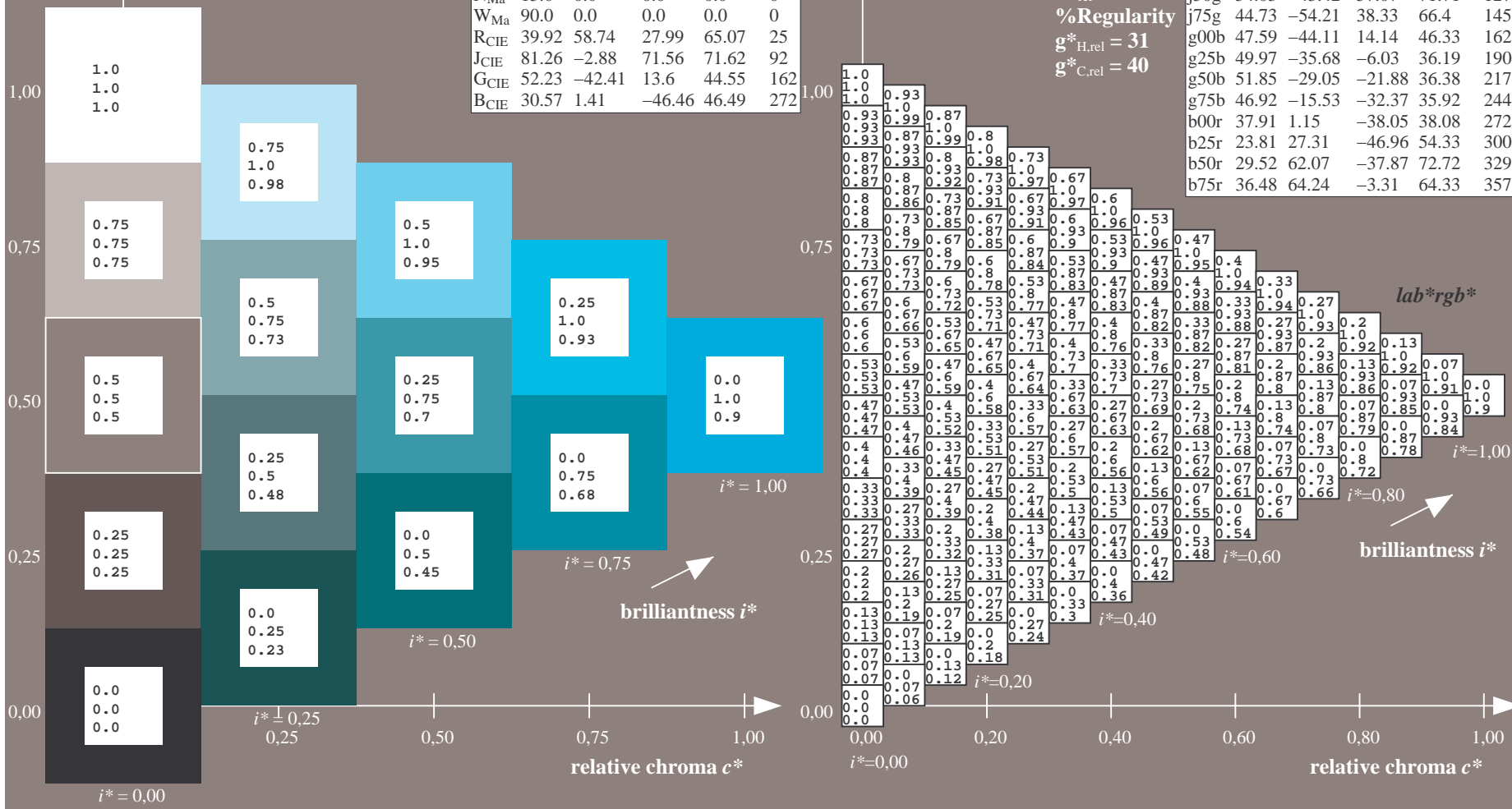
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -28 -21
 $LAB^*LCH^*_{Ma}$: 52 36 217
 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.9

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

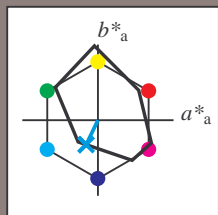
triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g75b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



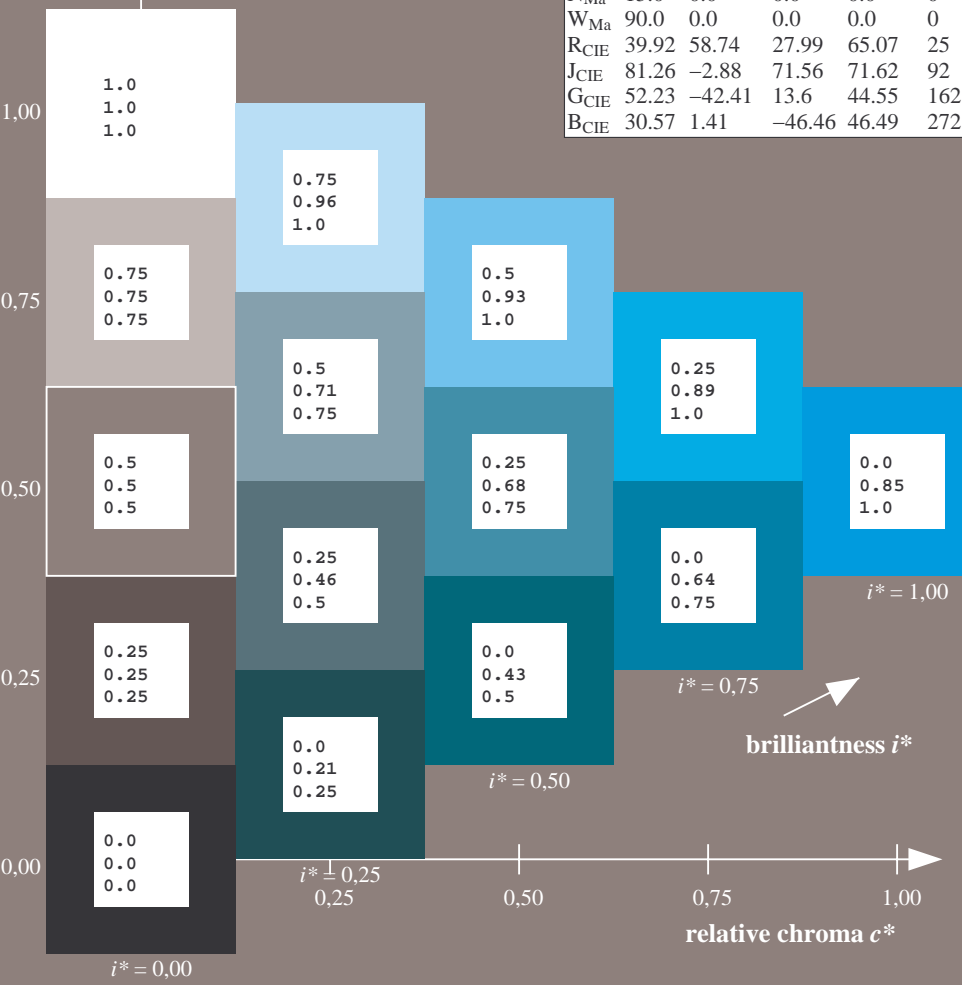
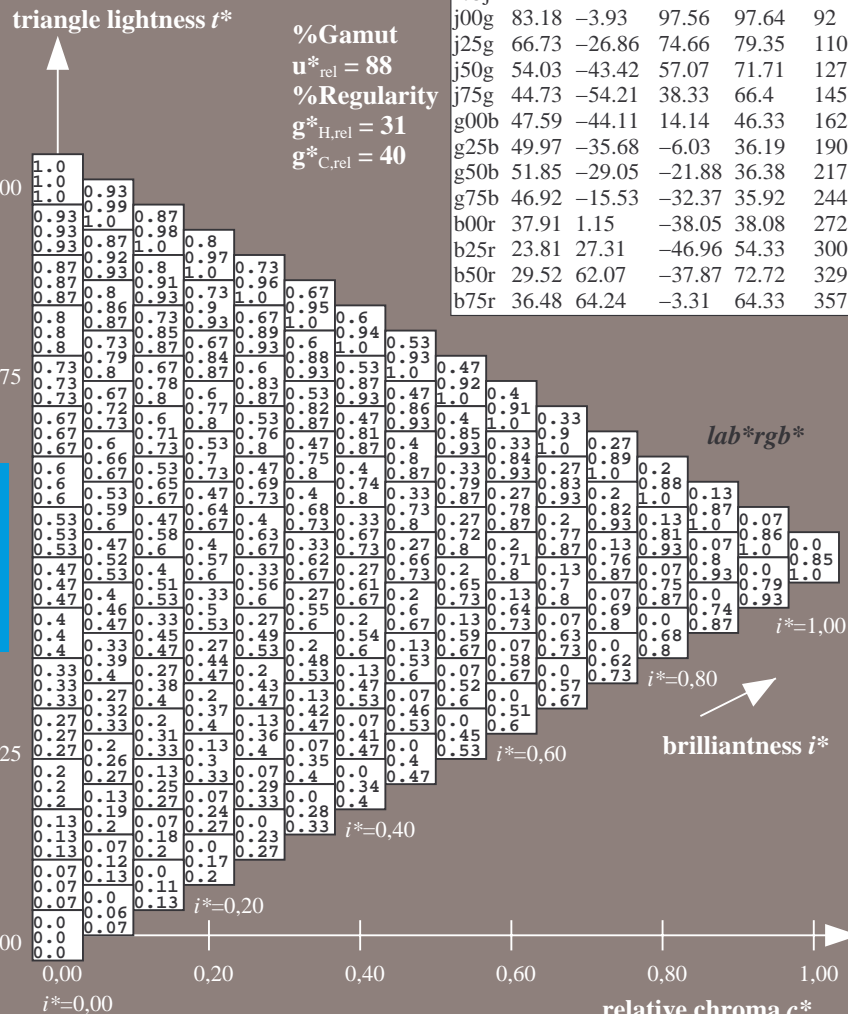
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -15 -31
 $LAB^*LCH^*_{Ma}$: 47 36 244
 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.85 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

lab^*tch^* and lab^*icu^*

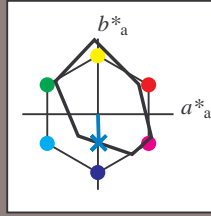
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -37

$LAB^*LCH^*_{Ma}$: 38 38 272

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

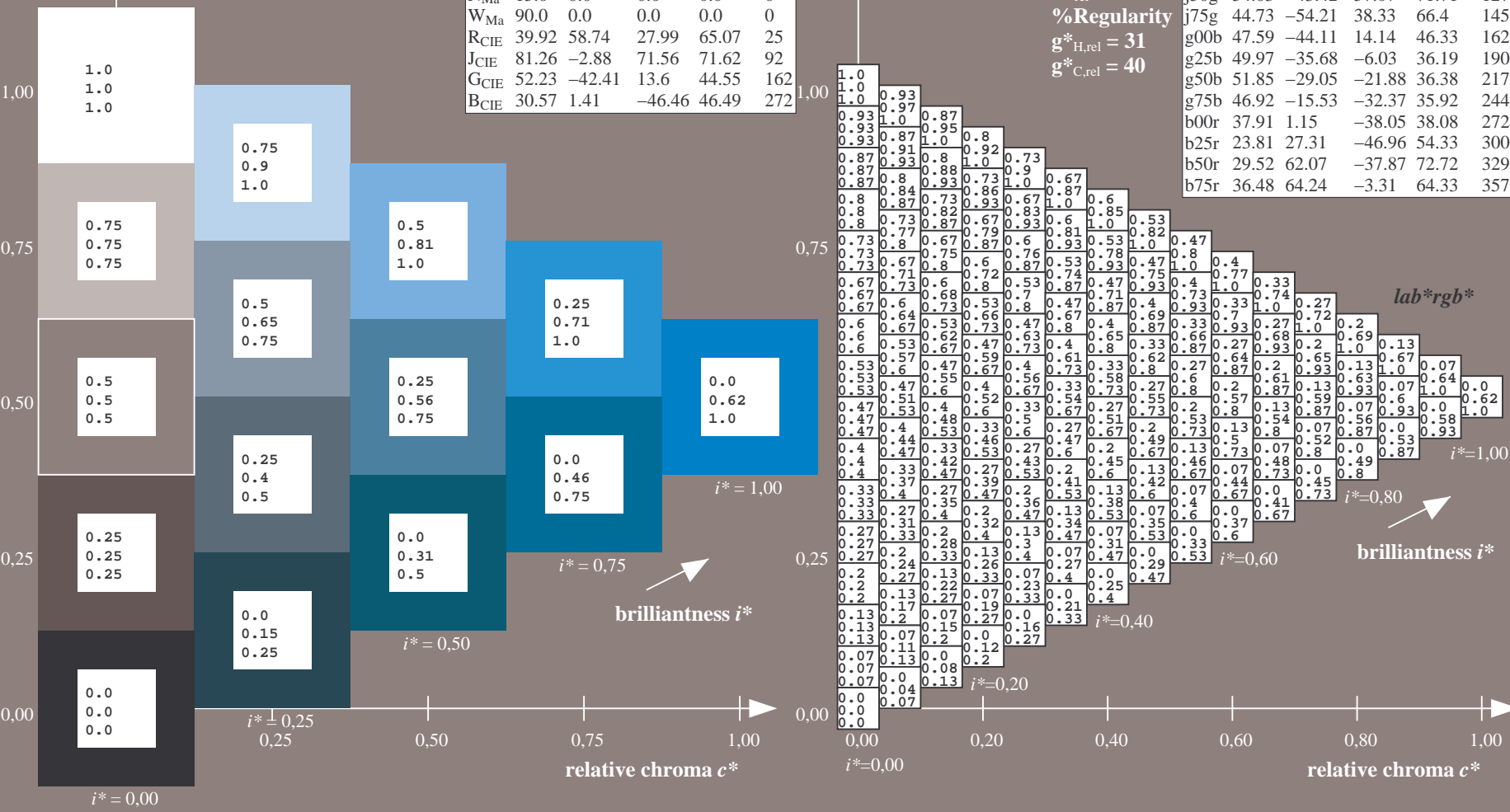
$lab^*olv^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
BAM material: code=rhadata
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

lab^*tch^* and lab^*icu^*

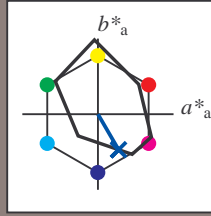
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 27 -46

$LAB^*LCH^*_{Ma}$: 24 54 300

$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.25 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

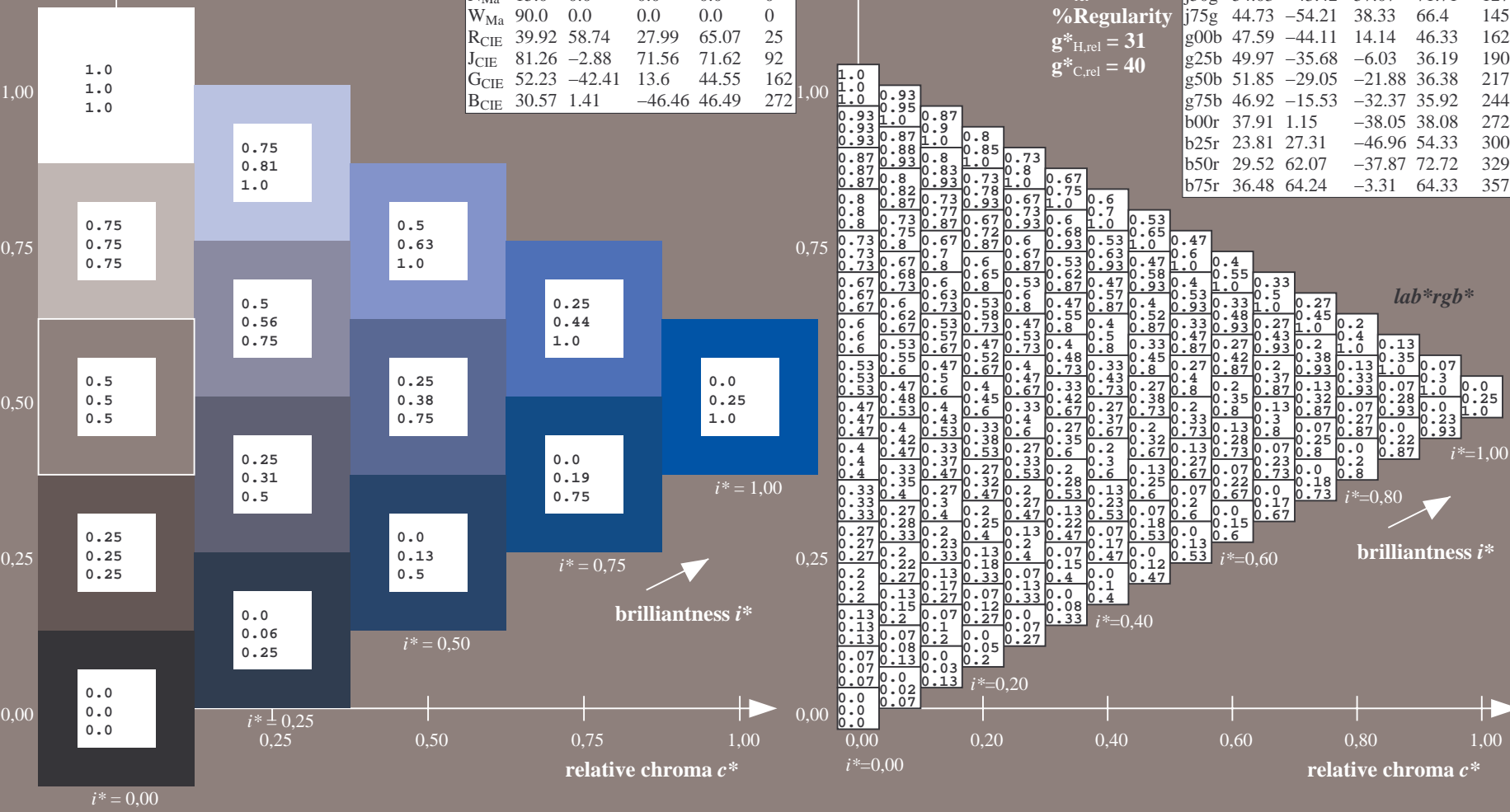
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

lab^*tch^* and lab^*icu^*

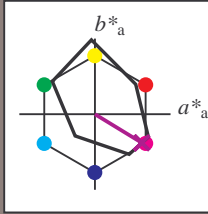
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 62 -37

$LAB^*LCH^*_{Ma}$: 30 73 329

$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.66 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

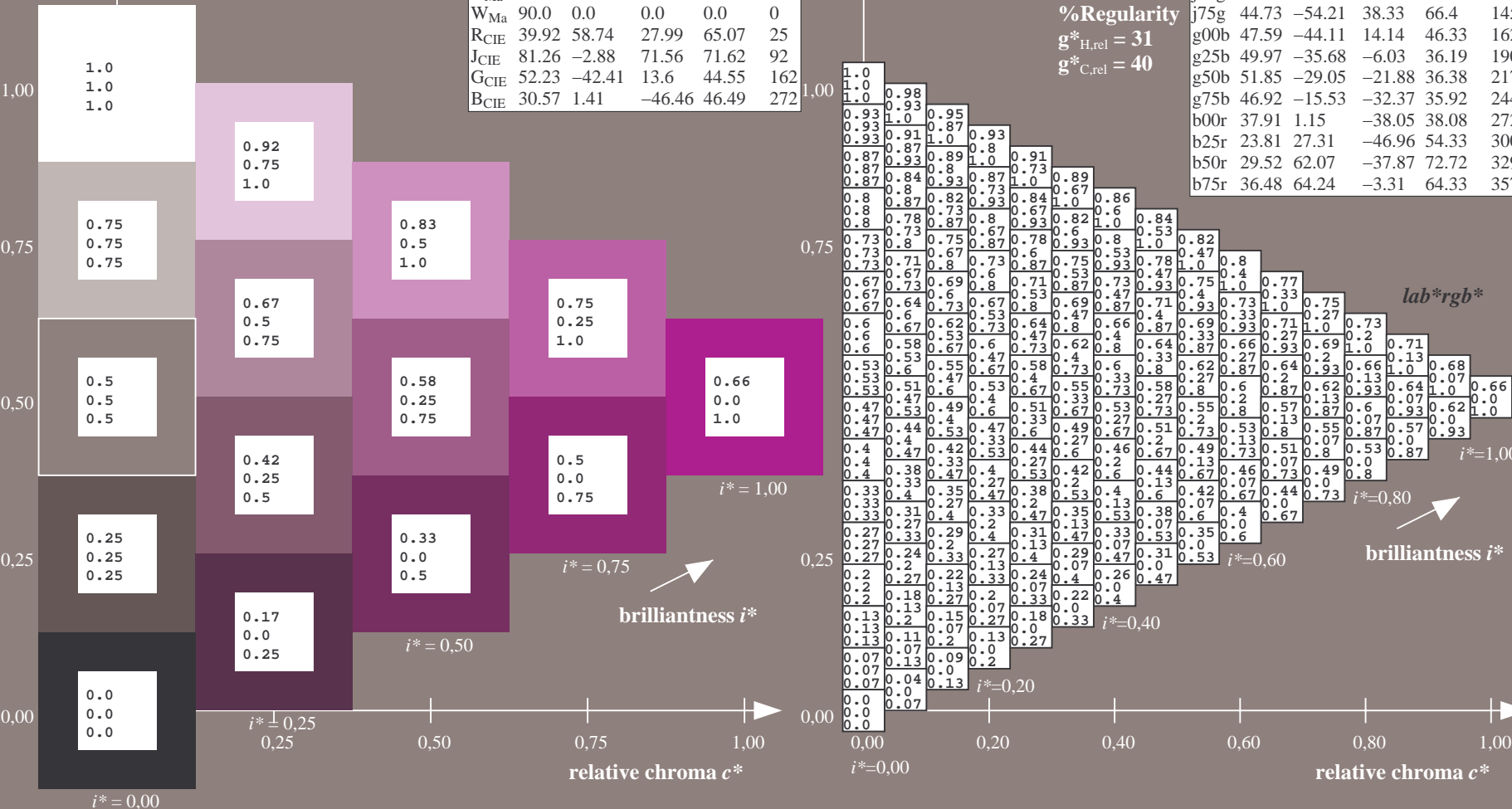
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

$u^* = b50r$
 lab^*rgb^*



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

lab^*tch^* and lab^*icu^*

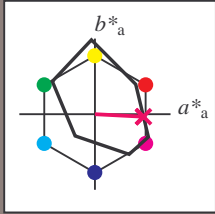
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 64 -2

$LAB^*LCH^*_{Ma}$: 36 64 357

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5

$lab^*olv^*_{Ma}$: 1.0 0.0 0.62

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

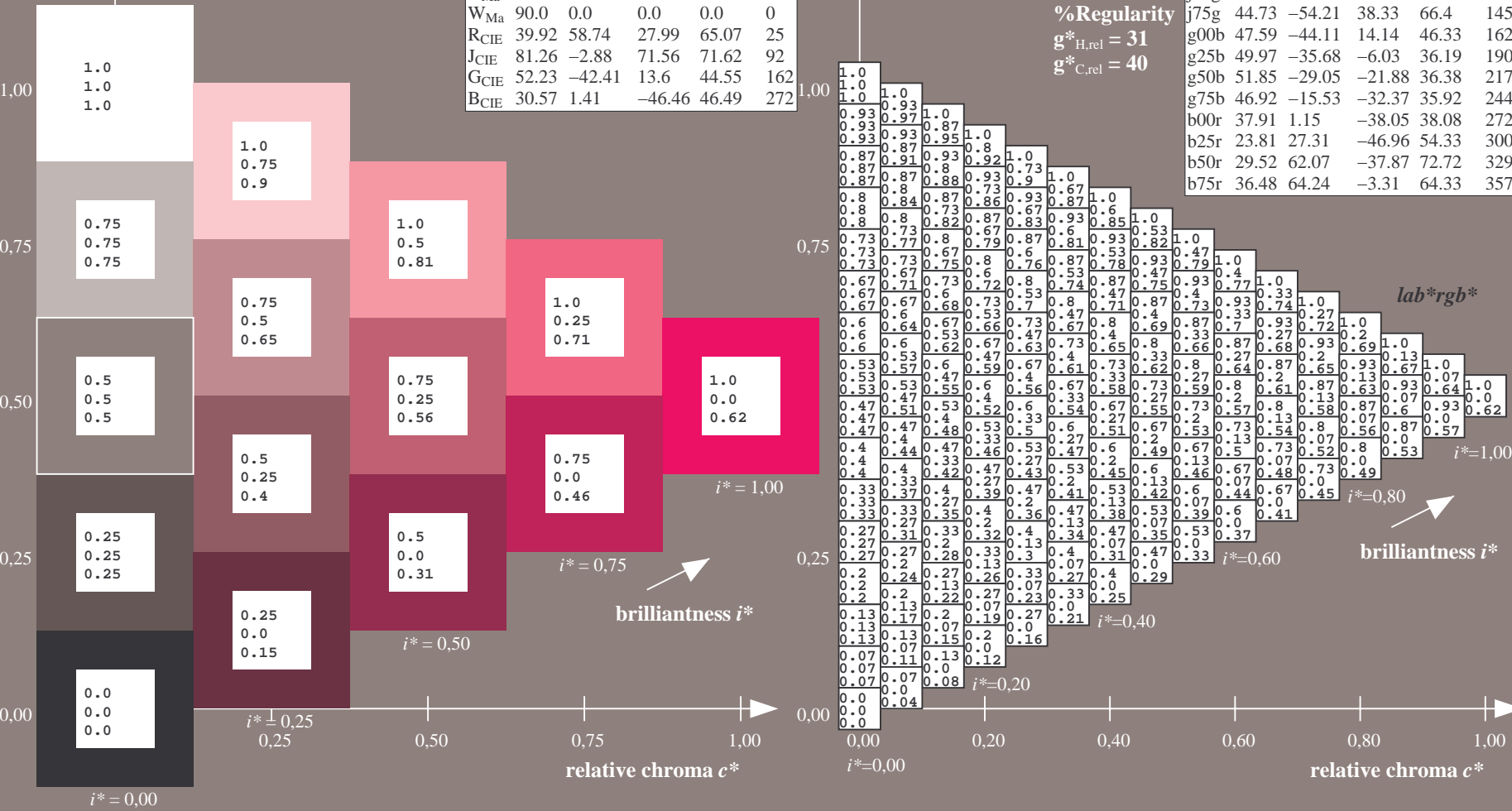
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

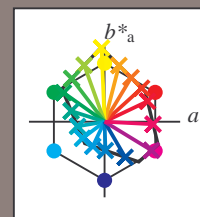
FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



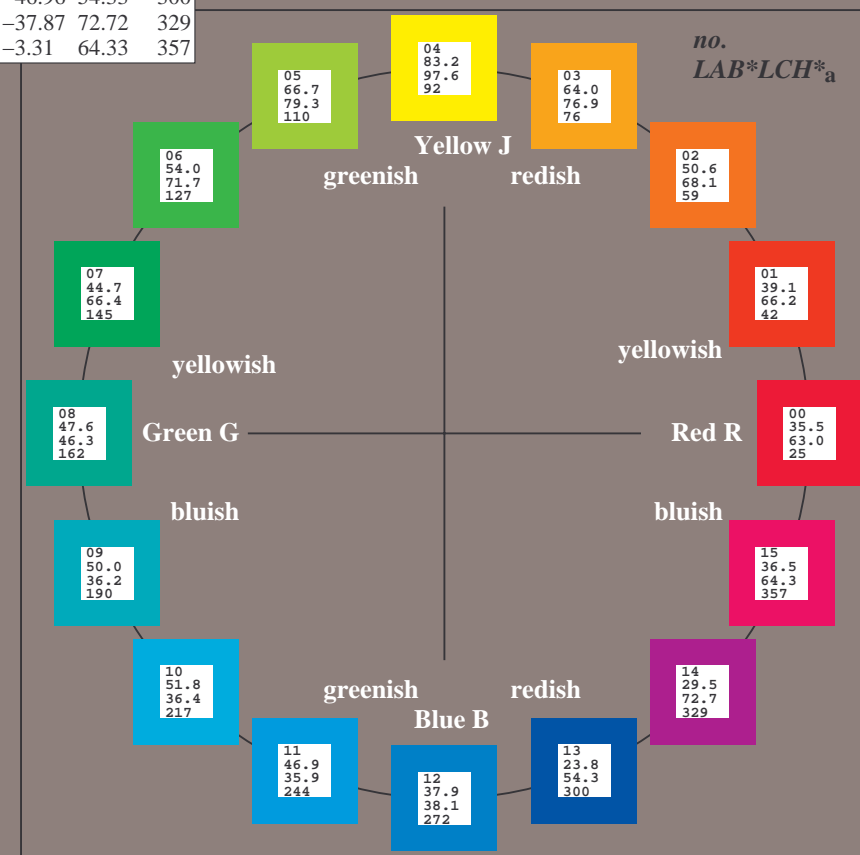
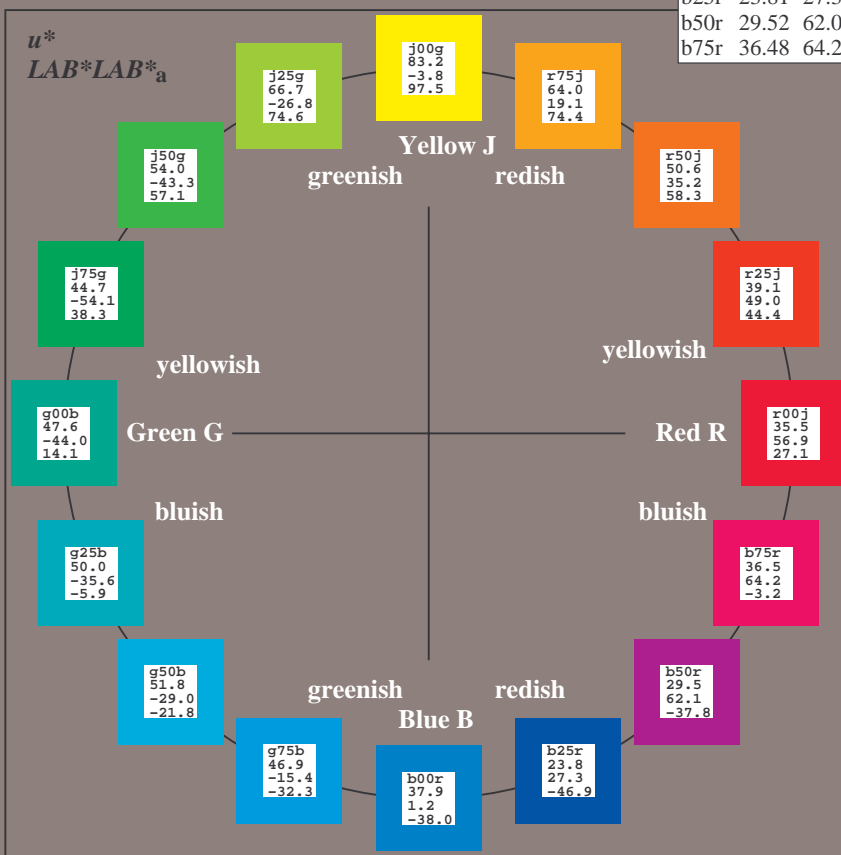
Input and output:
 Colorimetric Printer Reflective System FRS15_90a
 data for any colour:
*lab*_{tch*}* and *lab*_{icu*}*
 elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
 contrast reduction factor:
 $c_R = 0.9$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/.PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/.PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

lab^*tch^* and lab^*icu^*

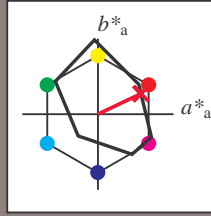
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 35\ 57\ 27$

$LAB^*LCH^*_Ma: 35\ 63\ 25$

$lab^*rgb^*_Ma: 1.0\ 0.0\ 0.0$

$lab^*olv^*_Ma: 1.0\ 0.0\ 0.18$

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

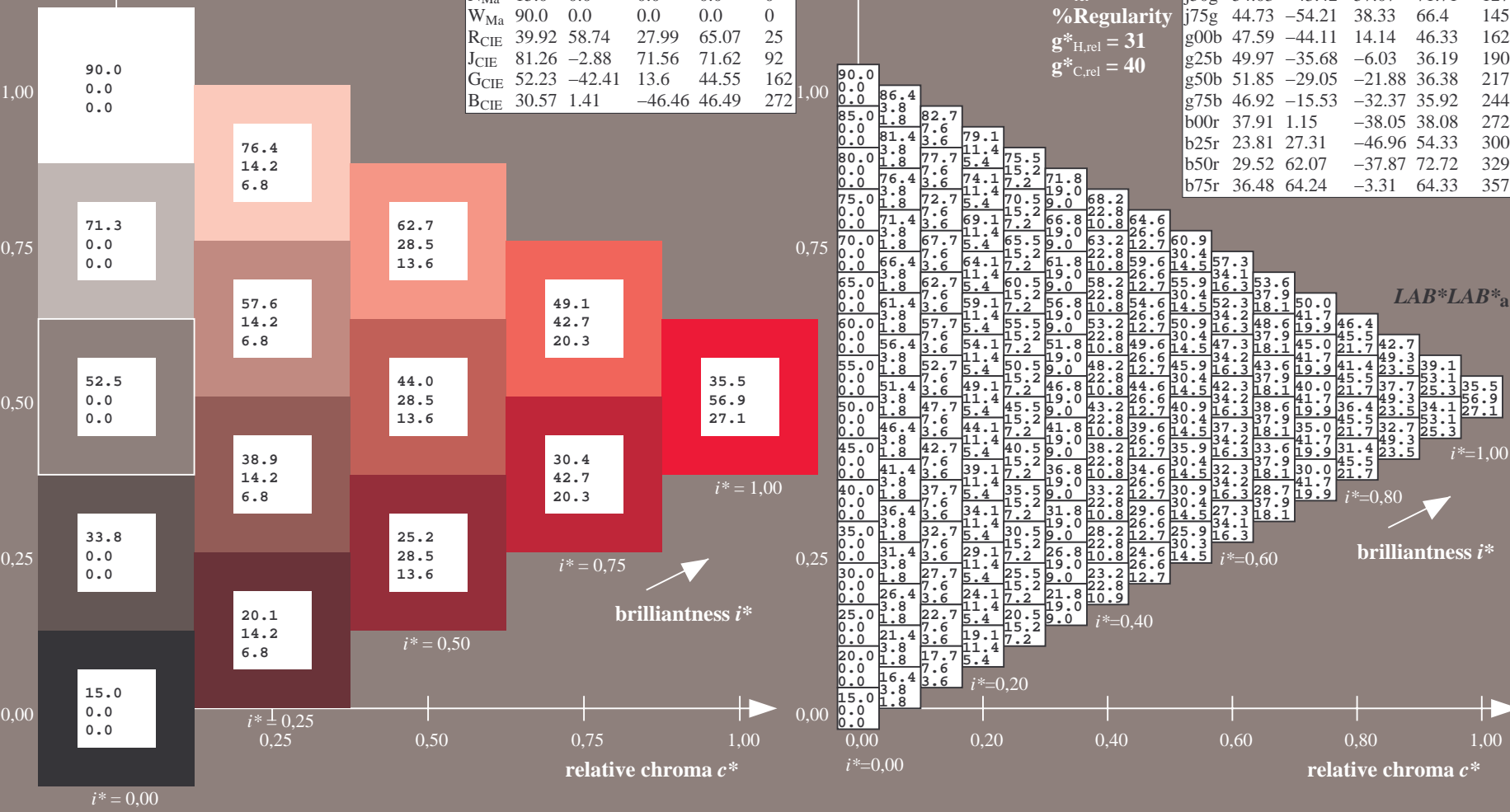
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
Technical information: <http://www.ps.bam.de>
Version 2.1, io=1,1, ColSpX=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

lab^*tch^* and lab^*icu^*

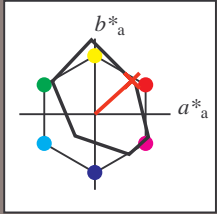
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 39 49 44

$LAB^*LCH^*_Ma$: 39 66 42

$lab^*rgb^*_Ma$: 1.0 0.25 0.0

$lab^*olv^*_Ma$: 1.0 0.08 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

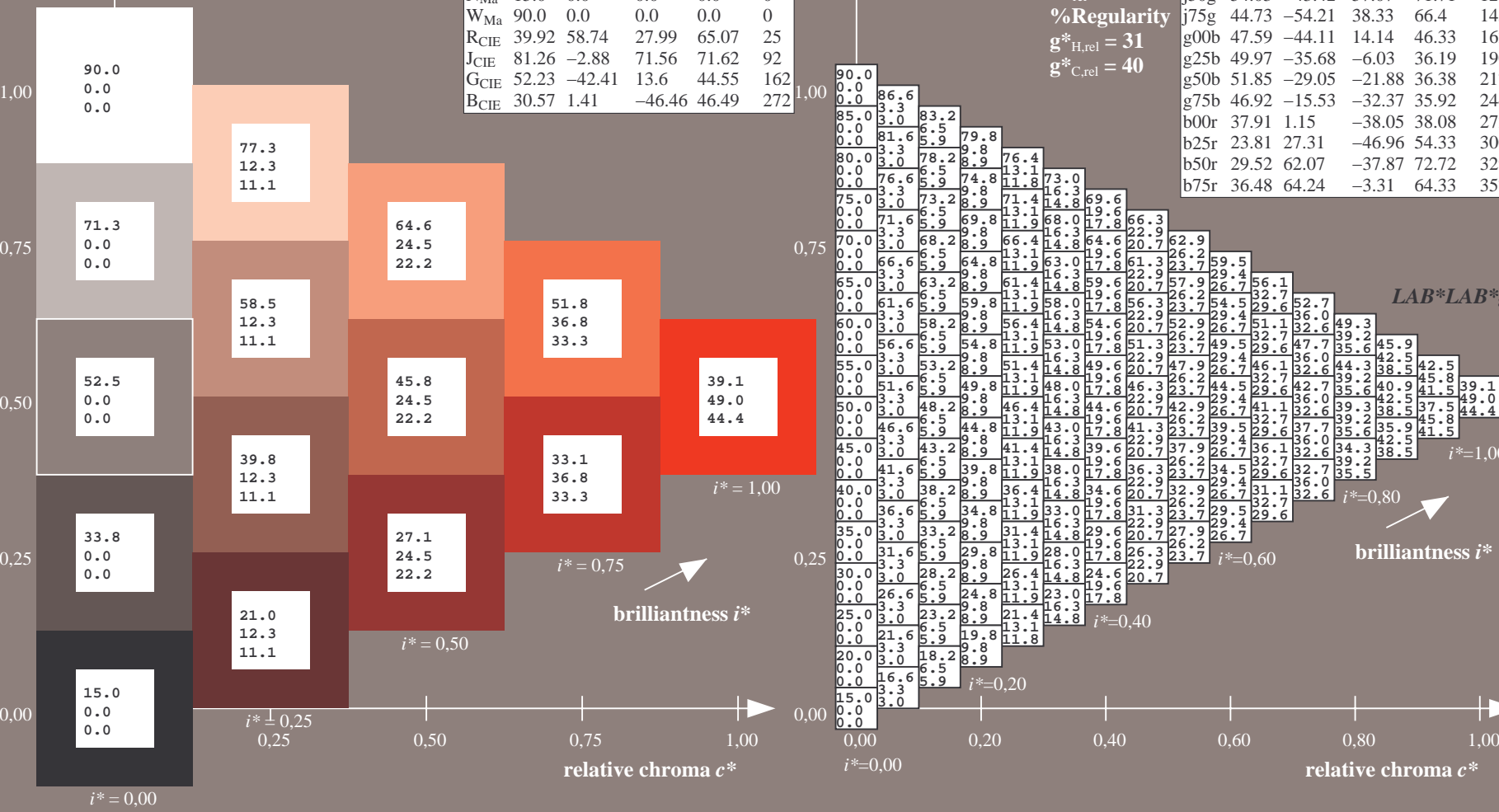
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
Technical information: <http://www.ps.bam.de>
Version 2.1, io=1,1, ColSpX=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

lab^*tch^* and lab^*icu^*

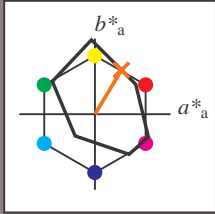
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 51 35 58

$LAB^*LCH^*_Ma$: 51 68 59

$lab^*rgb^*_Ma$: 1.0 0.5 0.0

$lab^*olv^*_Ma$: 1.0 0.32 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

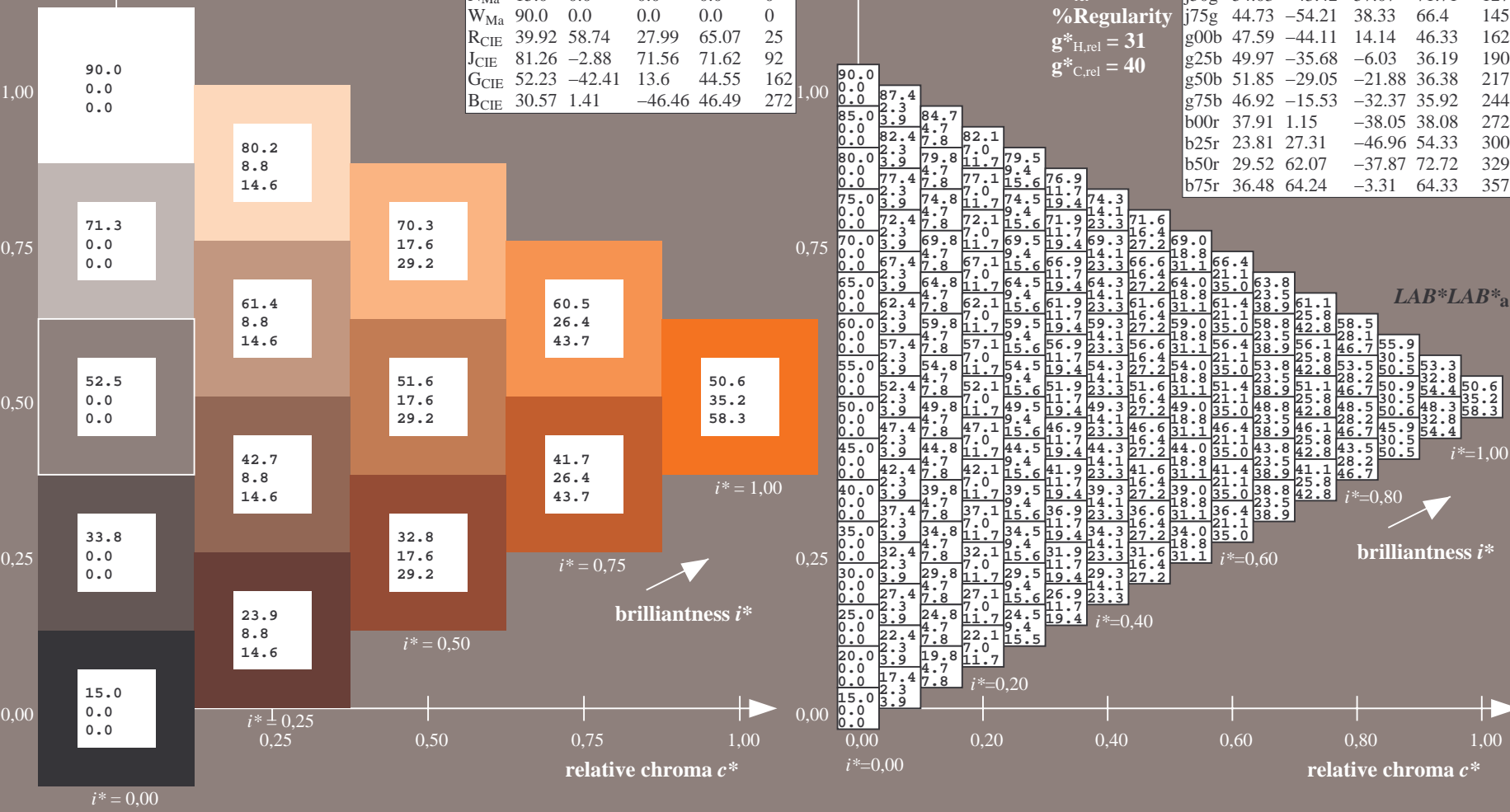
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

lab^*tch^* and lab^*icu^*

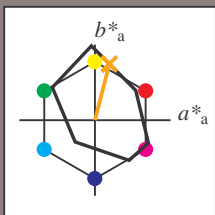
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 19 74

$LAB^*LCH^*_{Ma}$: 64 77 76

$lab^*rgb^*_{Ma}$: 1.0 0.75 0.0

$lab^*olv^*_{Ma}$: 1.0 0.59 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

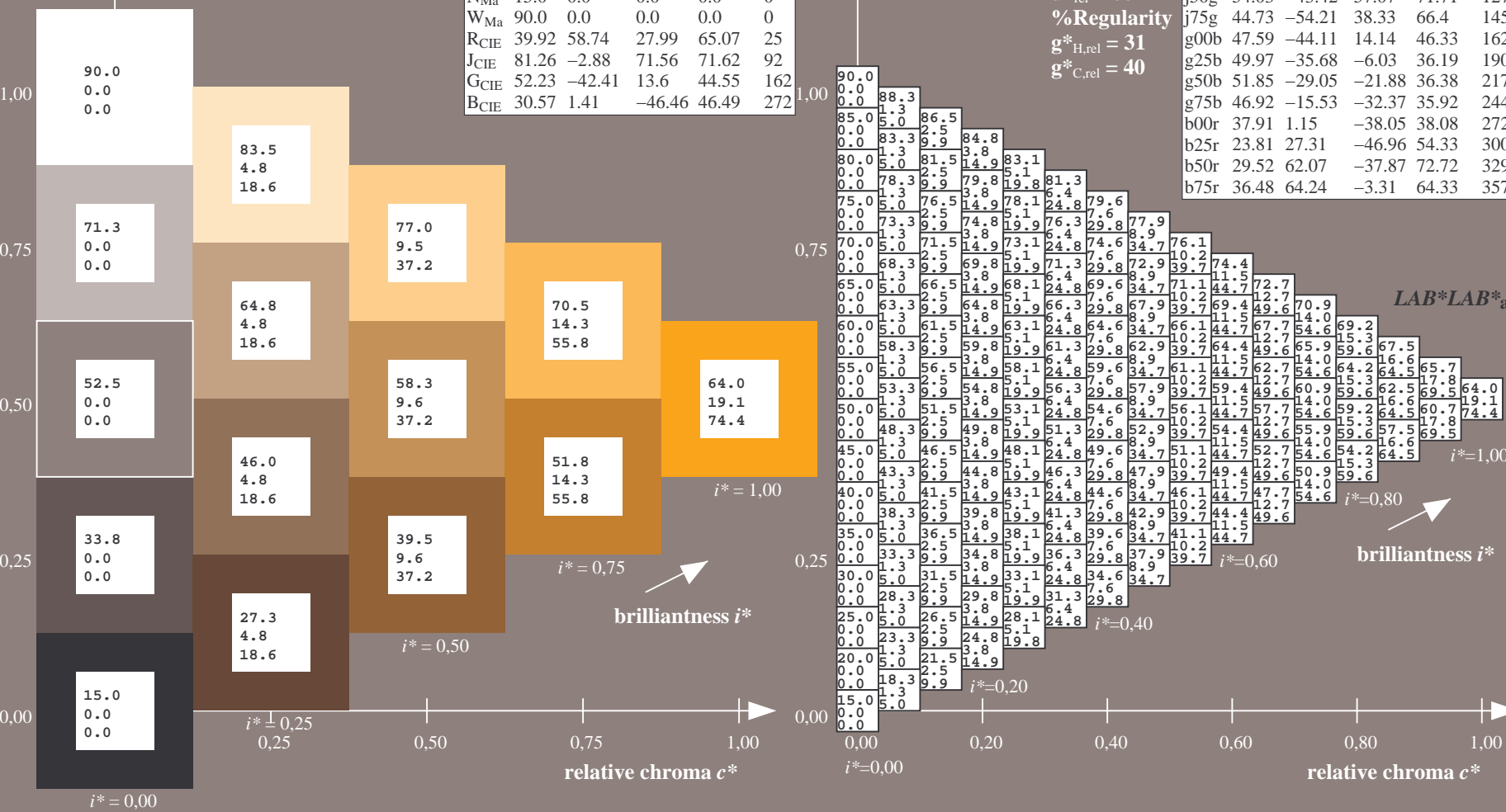
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

lab^*tch^* and lab^*icu^*

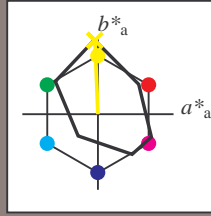
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 83 -3 98$

$LAB^*LCH^*_Ma: 83 98 92$

$lab^*rgb^*_Ma: 1.0 1.0 0.0$

$lab^*olv^*_Ma: 1.0 0.99 0.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

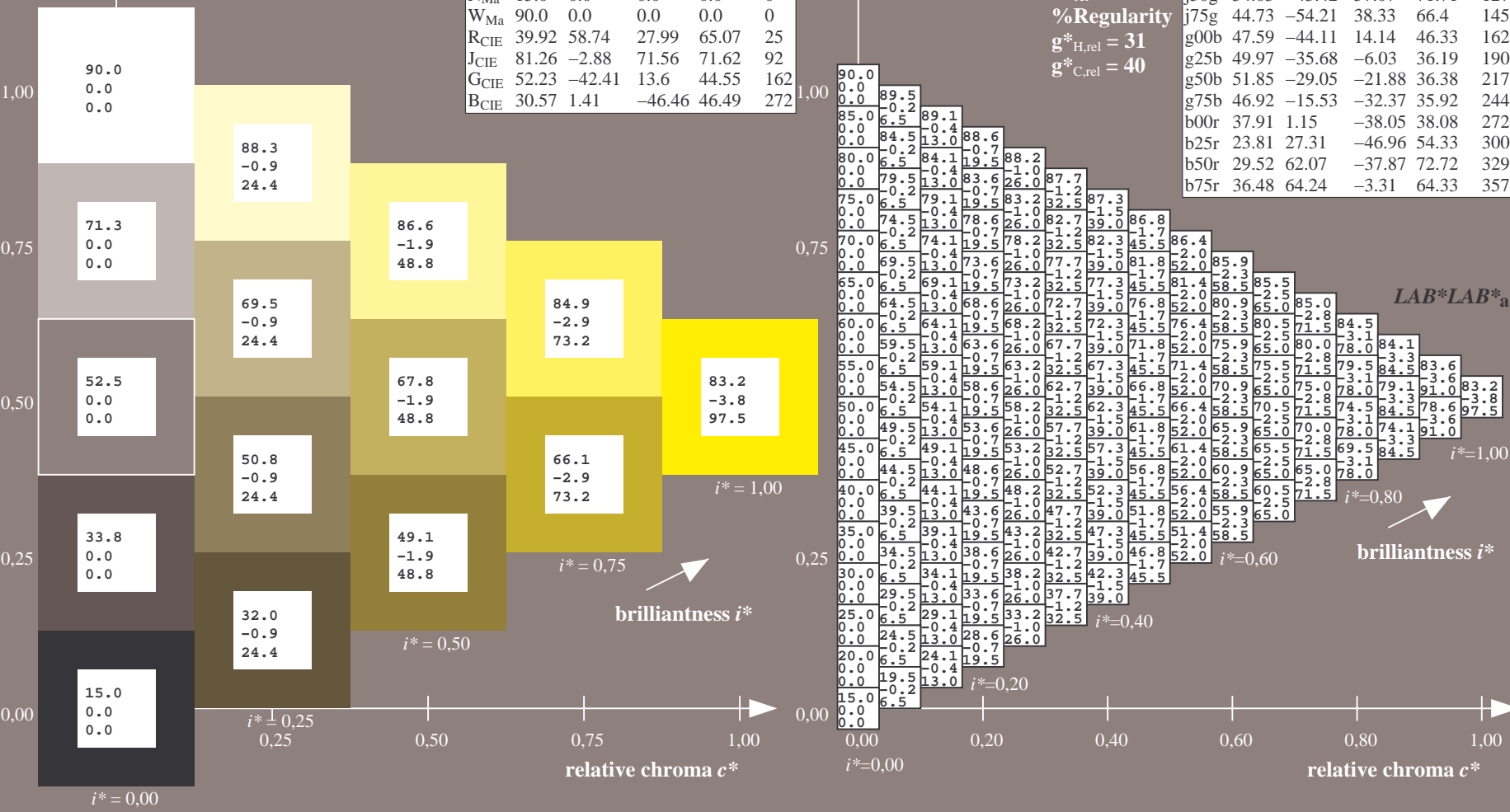
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

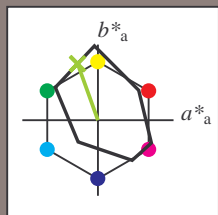
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j25g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

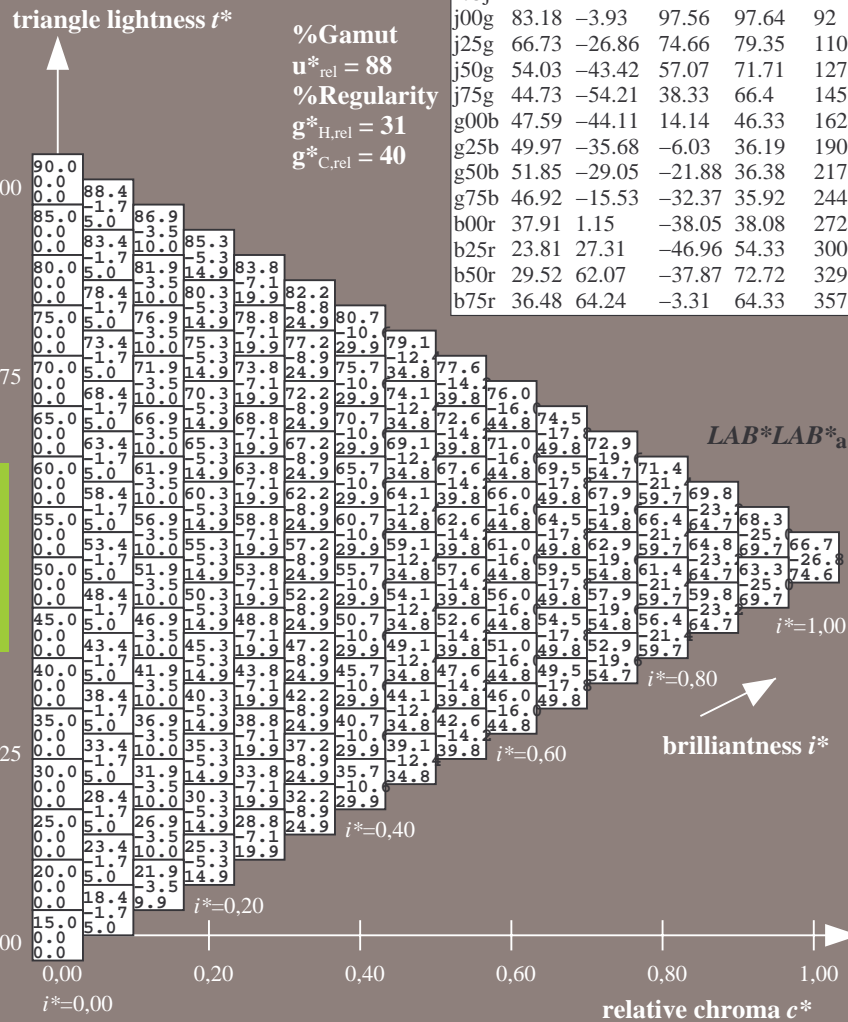
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -26 75
 $LAB^*LCH^*_{Ma}$: 67 79 110
 $lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.57 1.0 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

lab^*tch^* and lab^*icu^*

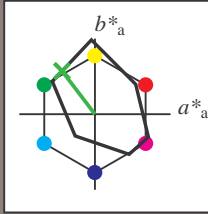
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 54 -42 57

$LAB^*LCH^*_Ma$: 54 72 127

$lab^*rgb^*_Ma$: 0.5 1.0 0.0

$lab^*olv^*_Ma$: 0.25 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

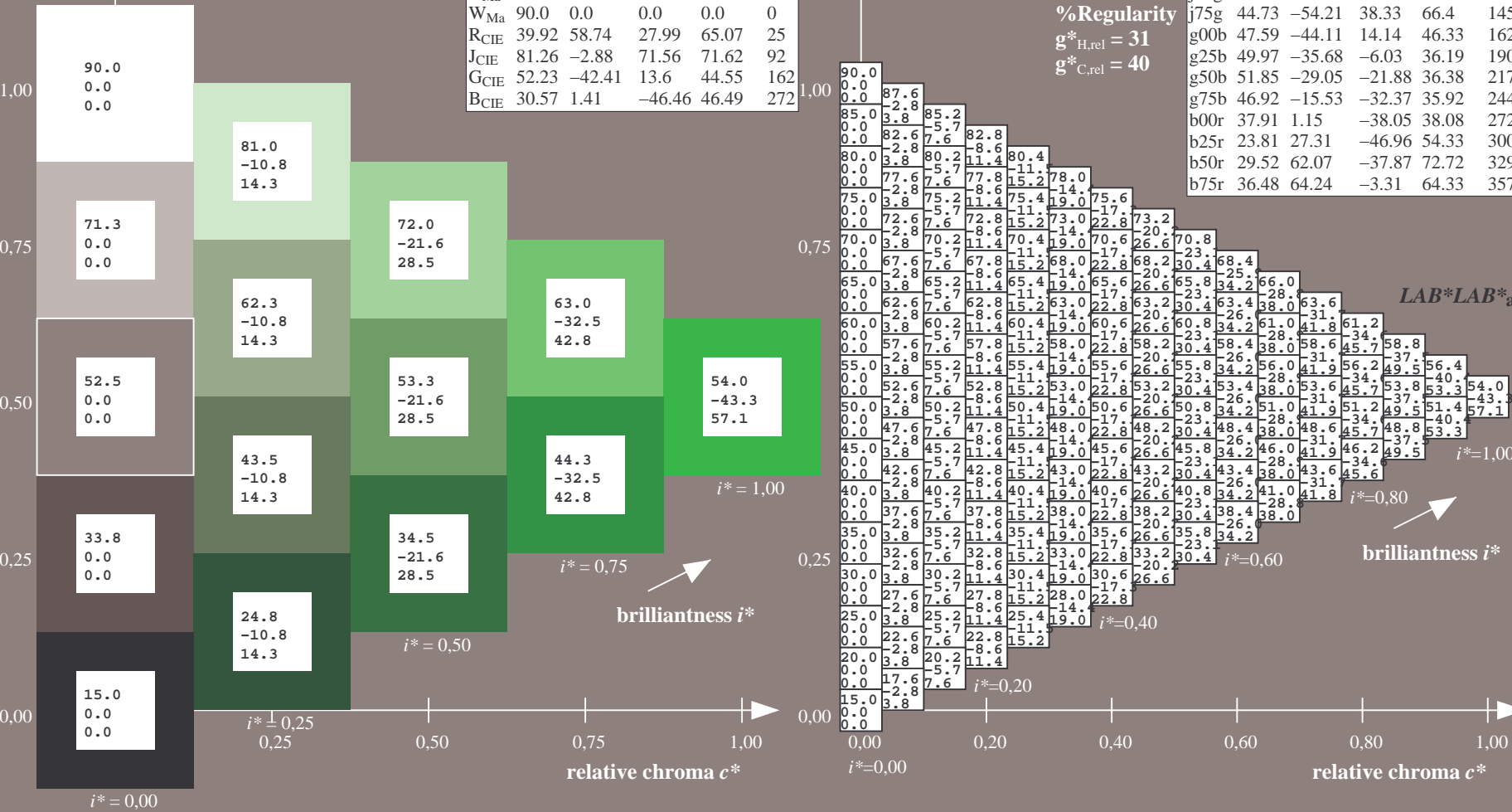
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

lab^*tch^* and lab^*icu^*

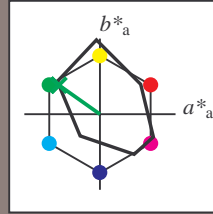
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -53 38

$LAB^*LCH^*_{Ma}$: 45 66 145

$lab^*rgb^*_{Ma}$: 0.25 1.0 0.0

$lab^*olv^*_{Ma}$: 0.0 1.0 0.07

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

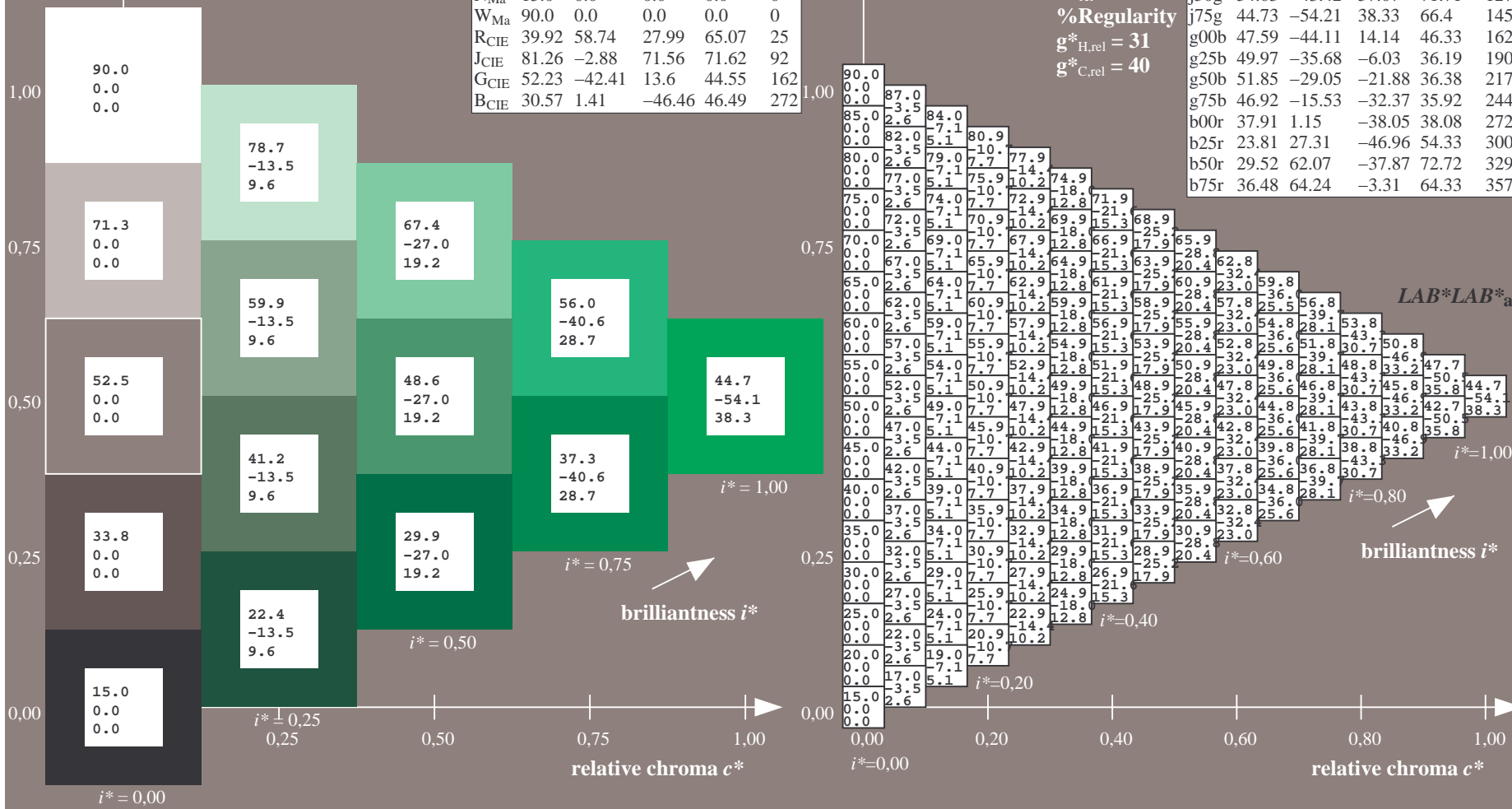
$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

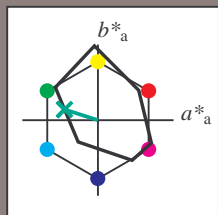
See for similar files: <http://www.ps.bam.de/De97/>; <http://www.ps.bam.de/De/De97/>; <http://www.ps.bam.de/De/De97/10L/L97E00NP.PS/>; <http://www.ps.bam.de/De/De97/10L/L97E00NP.PS/10L/L97E00NP.PS/>
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
application for evaluation and measurement of printer or monitor systems



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g00b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

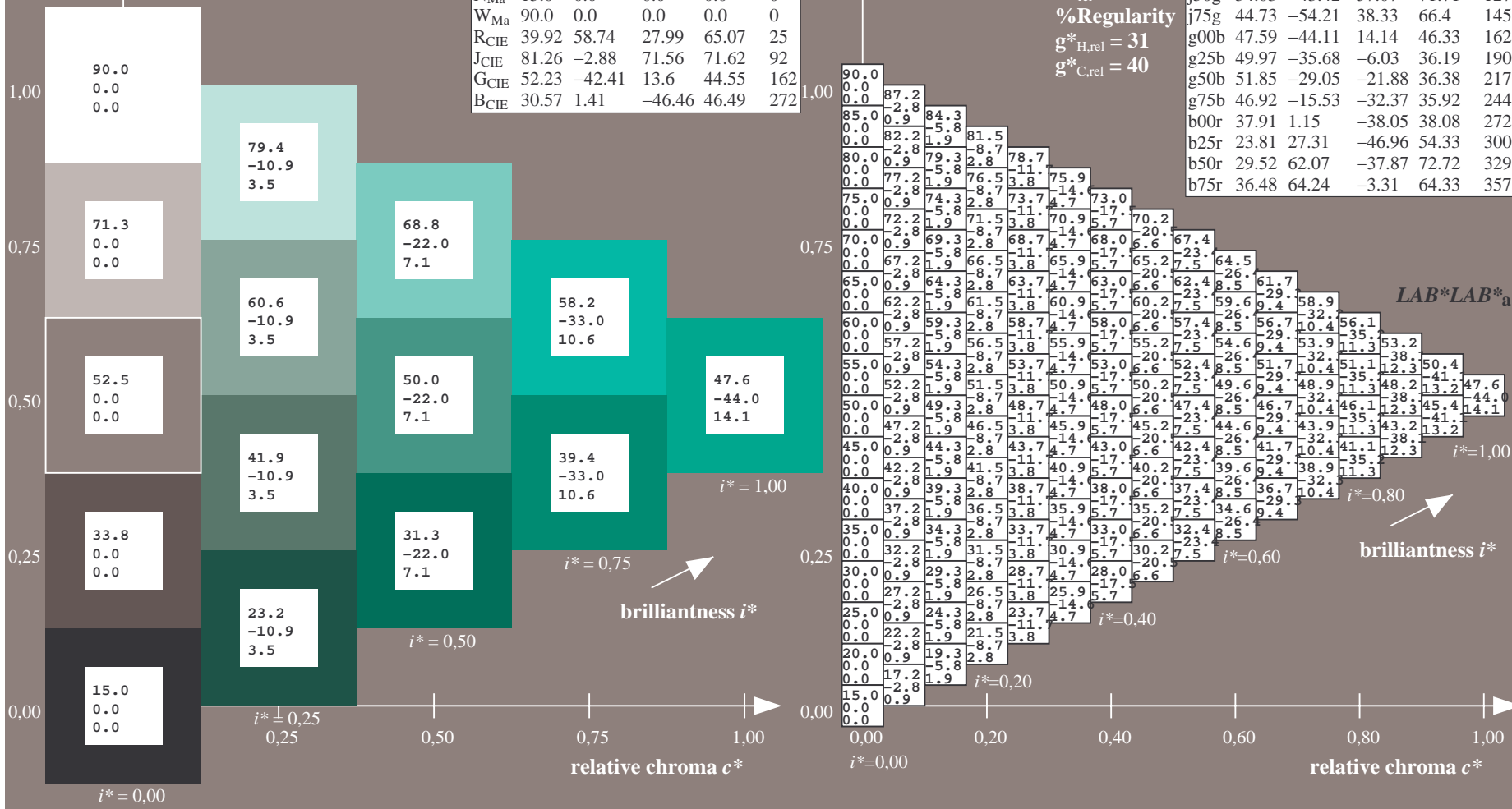
Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 48 -43 14
 $LAB^*LCH^*_Ma$: 48 46 162
 $lab^*rgb^*_Ma$: 0.0 1.0 0.0
 $lab^*olv^*_Ma$: 0.0 1.0 0.41

FRS15_90a; adapted (a) CIELAB data

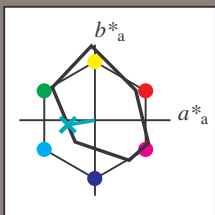
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g25b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

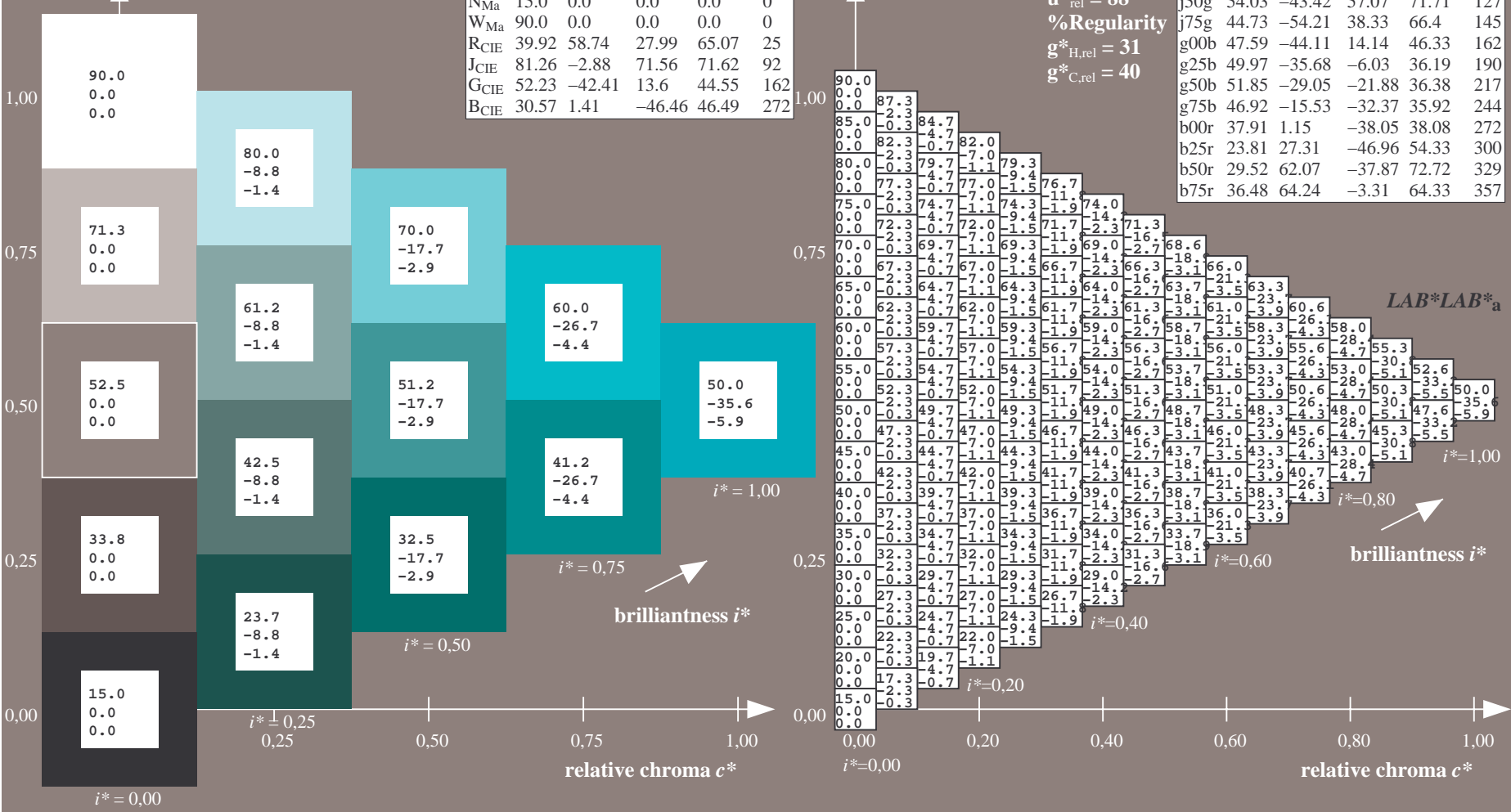
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -35 -5
 $LAB^*LCH^*_{Ma}$: 50 36 190
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.69

FRS15_90a; adapted (a) CIELAB data

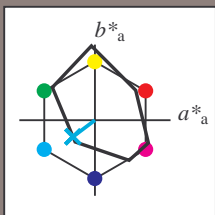
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g50b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

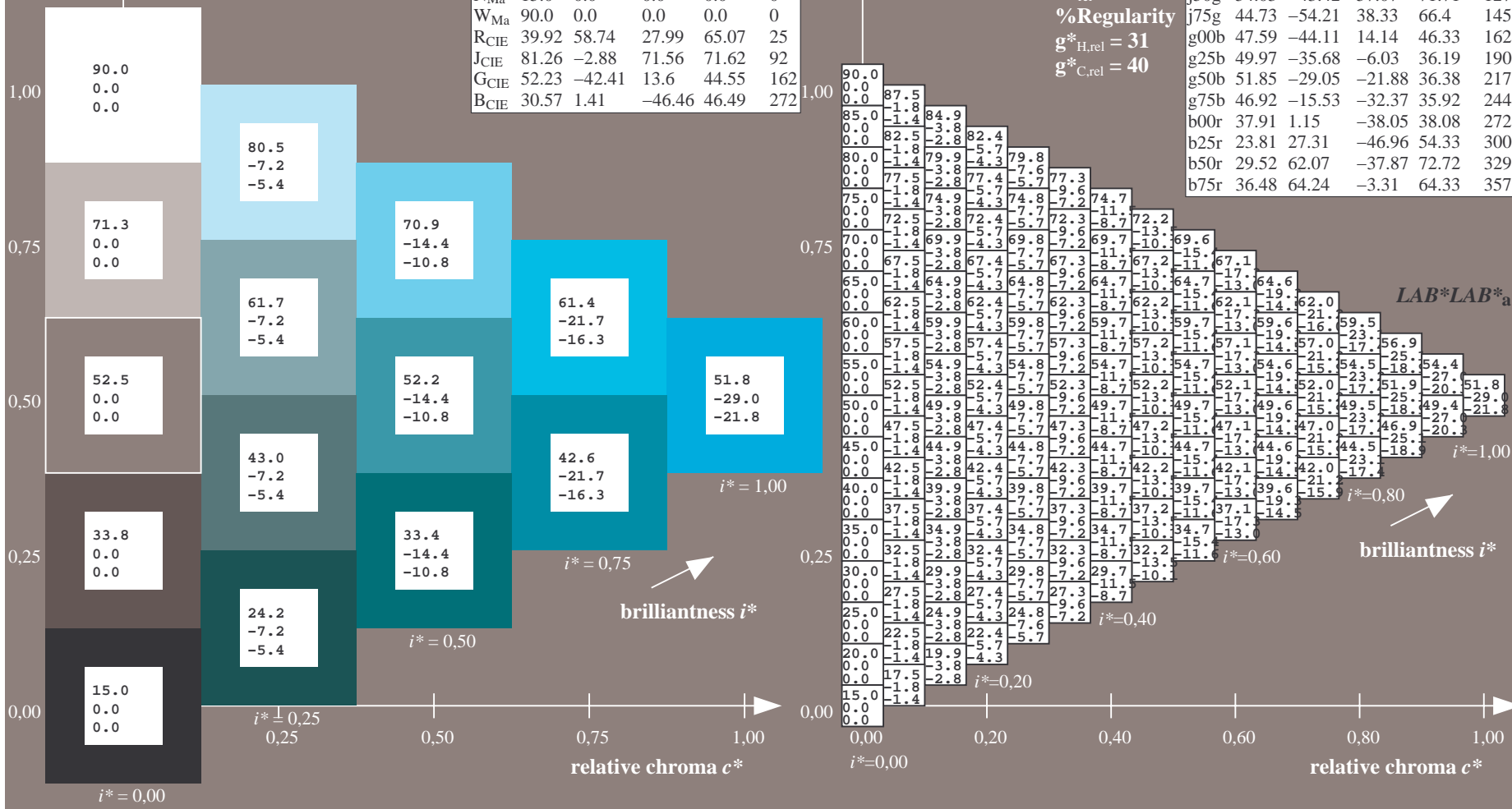
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -28 -21
 $LAB^*LCH^*_{Ma}$: 52 36 217
 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.9

FRS15_90a; adapted (a) CIELAB data

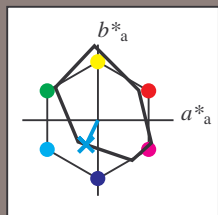
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g75b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

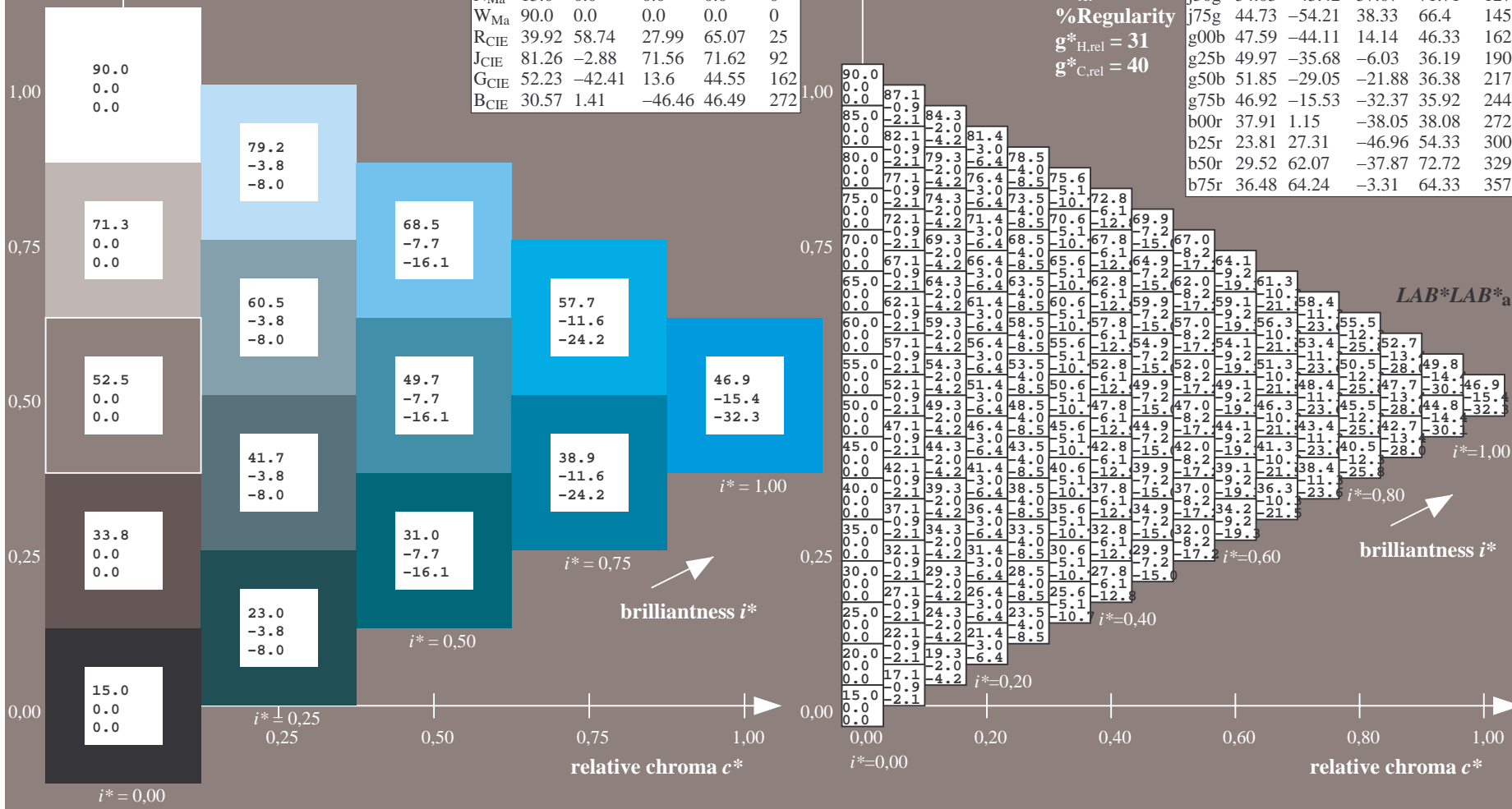
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -15 -31
 $LAB^*LCH^*_{Ma}$: 47 36 244
 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.85 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

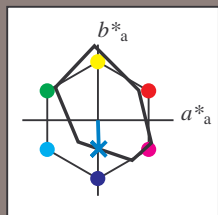
triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b00r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



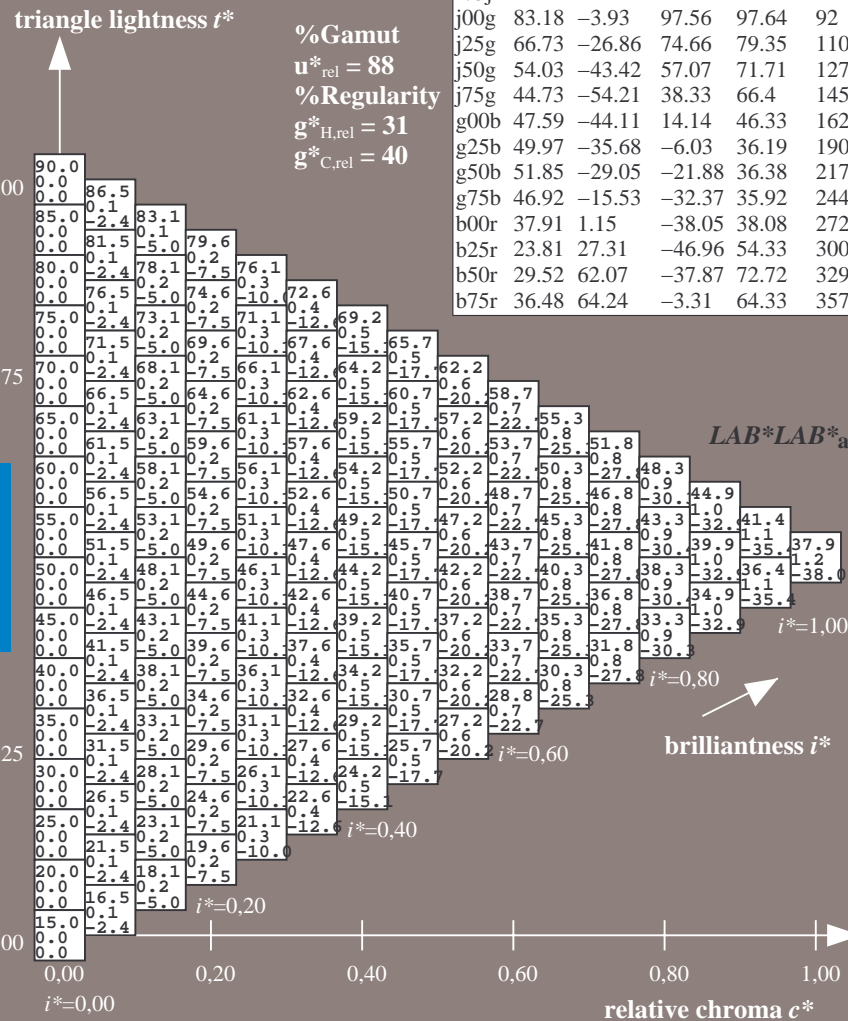
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 38 1 -37
 $LAB^*LCH^*_Ma$: 38 38 272
 $lab^*rgb^*_Ma$: 0.0 0.0 1.0
 $lab^*olv^*_Ma$: 0.0 0.62 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j75g	54.03	-43.42	57.07	71.71	127
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/ .PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

lab^*tch^* and lab^*icu^*

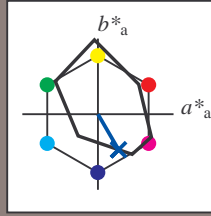
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 27 -46

$LAB^*LCH^*_{Ma}$: 24 54 300

$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.25 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

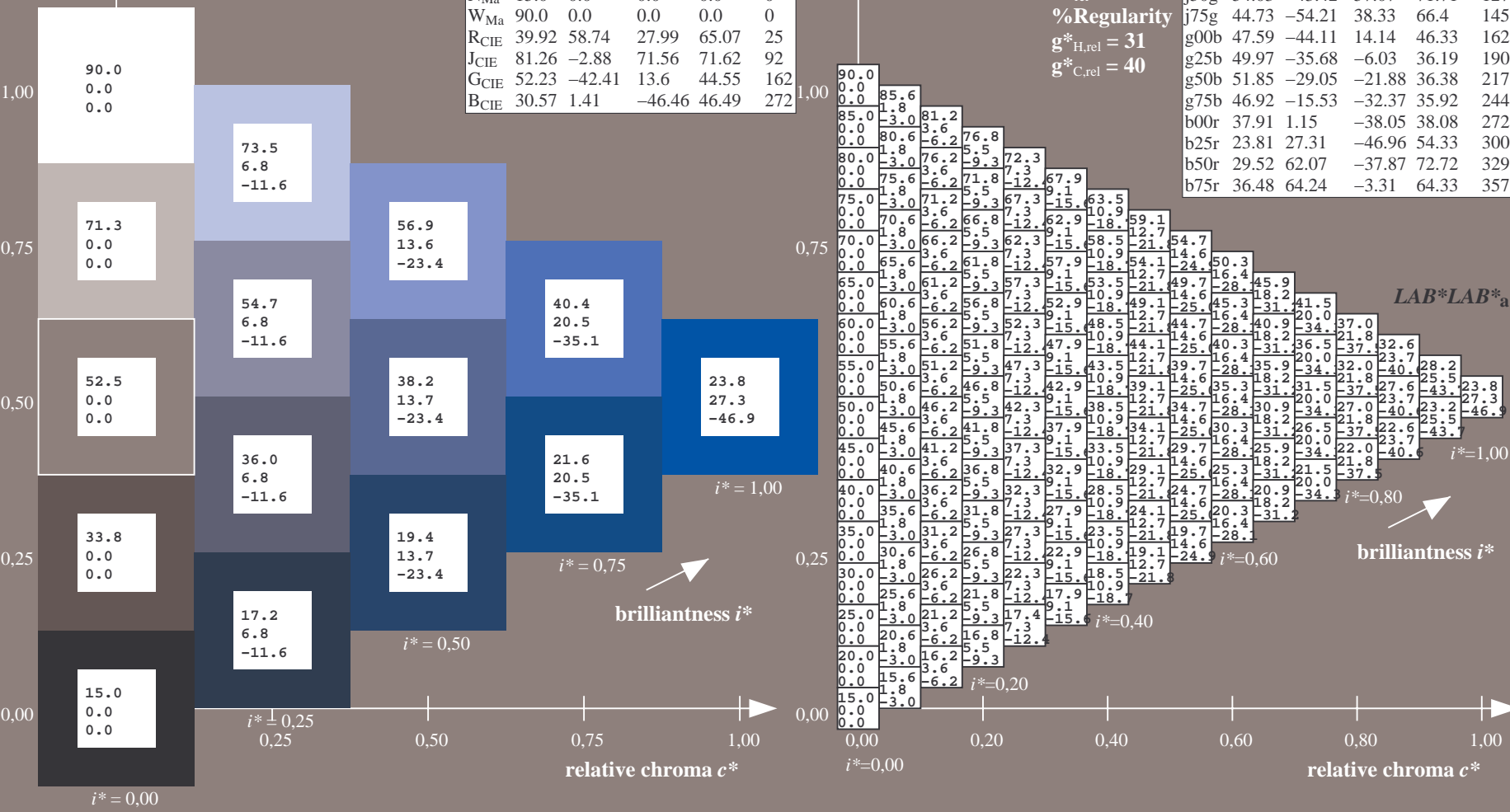
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

lab^*tch^* and lab^*icu^*

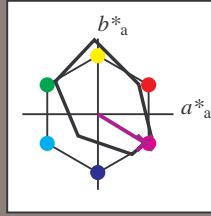
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 62 -37

$LAB^*LCH^*_{Ma}$: 30 73 329

$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0

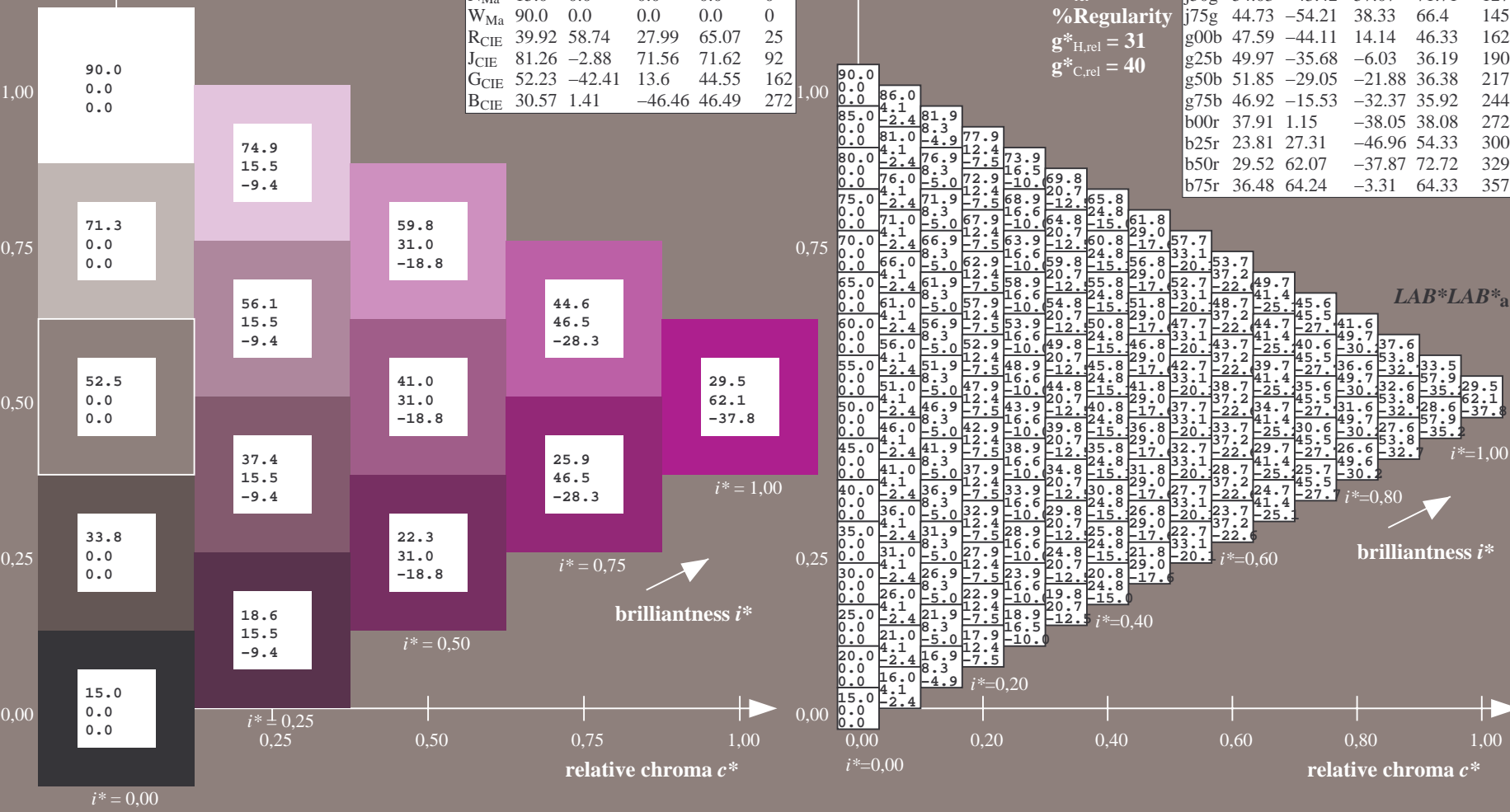
$lab^*olv^*_{Ma}$: 0.66 0.0 1.0

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

lab^*tch^* and lab^*icu^*

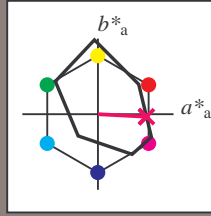
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 36\ 64\ -2$

$LAB^*LCH^*_Ma: 36\ 64\ 357$

$lab^*rgb^*_Ma: 1.0\ 0.0\ 0.5$

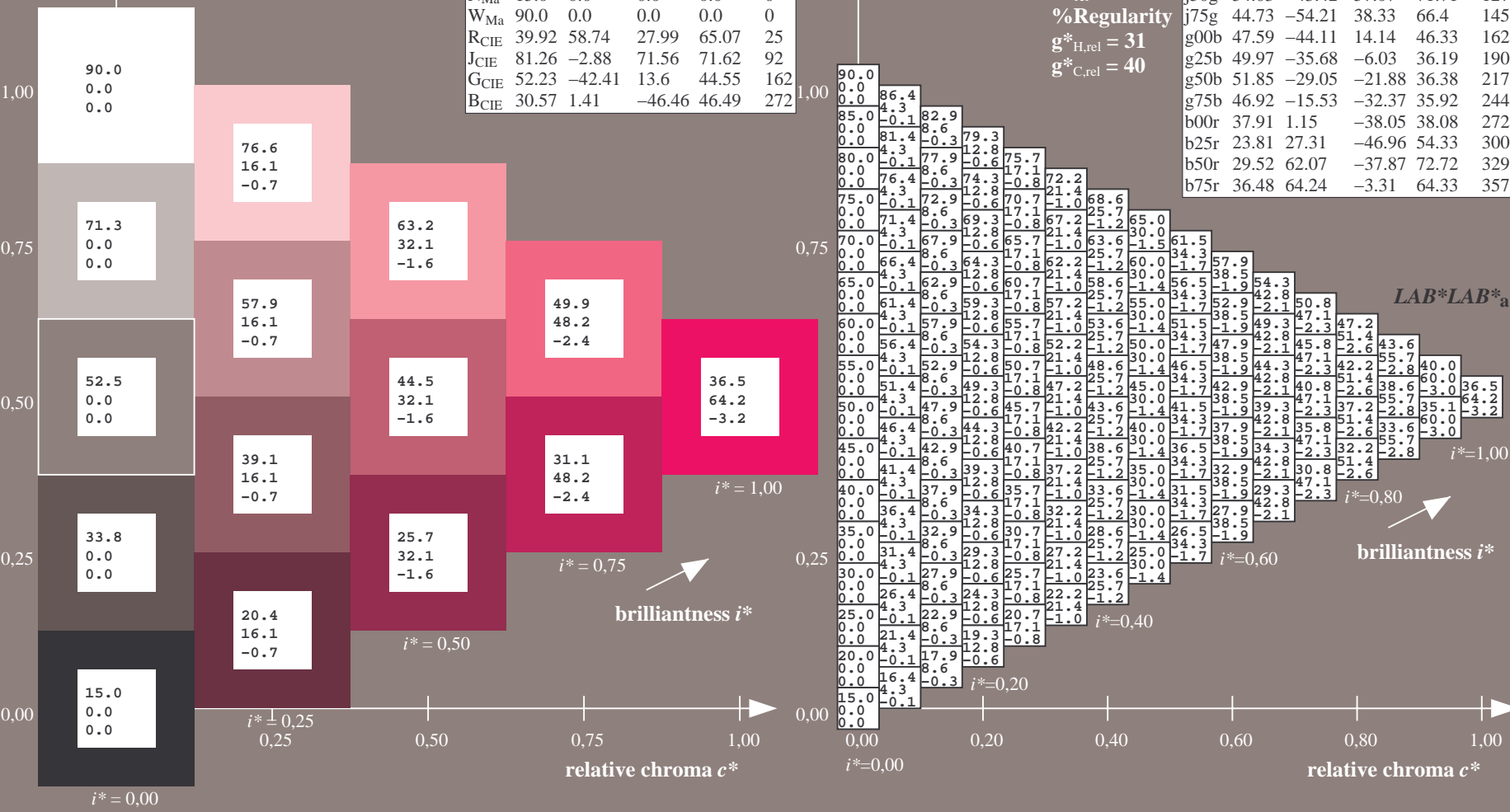
$lab^*olv^*_Ma: 1.0\ 0.0\ 0.62$

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
application for evaluation and measurement of printer or monitor systems

BAM registration: 20080701 - De97/10L/L97E00NP.PS/.PDF BAM material: code=rhdata
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	15.0	18.6	22.3	25.9	29.6	33.2	36.9	40.5	44.1	47.7	51.3	54.9	58.5	62.1	65.7	69.3	72.9	76.5	80.1	83.7	87.3	90.9	94.5	98.1	101.7	105.3	108.9	112.5	116.1	119.7	123.3	126.9	130.5	134.1	137.7	141.3	144.9	148.5	152.1	155.7	159.3	162.9	166.5	170.1	173.7	177.3	180.9	184.5	188.1	191.7	195.3	198.9	202.5	206.1	209.7	213.3	216.9	220.5	224.1	227.7	231.3	234.9	238.5	242.1	245.7	249.3	252.9	256.5	260.1	263.7	267.3	270.9	274.5	278.1	281.7	285.3	288.9	292.5	296.1	299.7	303.3	306.9	310.5	314.1	317.7	321.3	324.9	328.5	332.1	335.7	339.3	342.9	346.5	350.1	353.7	357.3	360.9	364.5	368.1	371.7	375.3	378.9	382.5	386.1	389.7	393.3	396.9	400.5	404.1	407.7	411.3	414.9	418.5	422.1	425.7	429.3	432.9	436.5	440.1	443.7	447.3	450.9	454.5	458.1	461.7	465.3	468.9	472.5	476.1	479.7	483.3	486.9	490.5	494.1	497.7	501.3	504.9	508.5	512.1	515.7	519.3	522.9	526.5	530.1	533.7	537.3	540.9	544.5	548.1	551.7	555.3	558.9	562.5	566.1	569.7	573.3	576.9	580.5	584.1	587.7	591.3	594.9	598.5	602.1	605.7	609.3	612.9	616.5	620.1	623.7	627.3	630.9	634.5	638.1	641.7	645.3	648.9	652.5	656.1	659.7	663.3	666.9	670.5	674.1	677.7	681.3	684.9	688.5	692.1	695.7	699.3	702.9	706.5	710.1	713.7	717.3	720.9	724.5	728.1	731.7	735.3	738.9	742.5	746.1	749.7	753.3	756.9	760.5	764.1	767.7	771.3	774.9	778.5	782.1	785.7	789.3	792.9	796.5	800.1	803.7	807.3	810.9	814.5	818.1	821.7	825.3	828.9	832.5	836.1	839.7	843.3	846.9	850.5	854.1	857.7	861.3	864.9	868.5	872.1	875.7	879.3	882.9	886.5	890.1	893.7	897.3	900.9	904.5	908.1	911.7	915.3	918.9	922.5	926.1	929.7	933.3	936.9	940.5	944.1	947.7	951.3	954.9	958.5	962.1	965.7	969.3	972.9	976.5	980.1	983.7	987.3	990.9	994.5	998.1	1001.7	1005.3	1008.9	1012.5	1016.1	1019.7	1023.3	1026.9	1030.5	1034.1	1037.7	1041.3	1044.9	1048.5	1052.1	1055.7	1059.3	1062.9	1066.5	1070.1	1073.7	1077.3	1080.9	1084.5	1088.1	1091.7	1095.3	1098.9	1102.5	1106.1	1109.7	1113.3	1116.9	1120.5	1124.1	1127.7	1131.3	1134.9	1138.5	1142.1	1145.7	1149.3	1152.9	1156.5	1160.1	1163.7	1167.3	1170.9	1174.5	1178.1	1181.7	1185.3	1188.9	1192.5	1196.1	1199.7	1203.3	1206.9	1210.5	1214.1	1217.7	1221.3	1224.9	1228.5	1232.1	1235.7	1239.3	1242.9	1246.5	1250.1	1253.7	1257.3	1260.9	1264.5	1268.1	1271.7	1275.3	1278.9	1282.5	1286.1	1289.7	1293.3	1296.9	1300.5	1304.1	1307.7	1311.3	1314.9	1318.5	1322.1	1325.7	1329.3	1332.9	1336.5	1340.1	1343.7	1347.3	1350.9	1354.5	1358.1	1361.7	1365.3	1368.9	1372.5	1376.1	1379.7	1383.3	1386.9	1390.5	1394.1	1397.7	1401.3	1404.9	1408.5	1412.1	1415.7	1419.3	1422.9	1426.5	1430.1	1433.7	1437.3	1440.9	1444.5	1448.1	1451.7	1455.3	1458.9	1462.5	1466.1	1469.7	1473.3	1476.9	1480.5	1484.1	1487.7	1491.3	1494.9	1498.5	1502.1	1505.7	1509.3	1512.9	1516.5	1520.1	1523.7	1527.3	1530.9	1534.5	1538.1	1541.7	1545.3	1548.9	1552.5	1556.1	1559.7	1563.3	1566.9	1570.5	1574.1	1577.7	1581.3	1584.9	1588.5	1592.1	1595.7	1599.3	1602.9	1606.5	1610.1	1613.7	1617.3	1620.9	1624.5	1628.1	1631.7	1635.3	1638.9	1642.5	1646.1	1649.7	1653.3	1656.9	1660.5	1664.1	1667.7	1671.3	1674.9	1678.5	1682.1	1685.7	1689.3	1692.9	1696.5	1700.1	1703.7	1707.3	1710.9	1714.5	1718.1	1721.7	1725.3	1728.9	1732.5	1736.1	1739.7	1743.3	1746.9	1750.5	1754.1	1757.7	1761.3	1764.9	1768.5	1772.1	1775.7	1779.3	1782.9	1786.5	1790.1	1793.7	1797.3	1800.9	1804.5	1808.1	1811.7	1815.3	1818.9	1822.5	1826.1	1829.7	1833.3	1836.9	1840.5	1844.1	1847.7	1851.3	1854.9	1858.5	1862.1	1865.7	1869.3	1872.9	1876.5	1880.1	1883.7	1887.3	1890.9	1894.5	1898.1	1901.7	1905.3	1908.9	1912.5	1916.1	1919.7	1923.3	1926.9	1930.5	1934.1	1937.7	1941.3	1944.9	1948.5	1952.1	1955.7	1959.3	1962.9	1966.5	1970.1	1973.7	1977.3	1980.9	1984.5	1988.1	1991.7	1995.3	1998.9	2002.5	2006.1	2009.7	2013.3	2016.9	2020.5	2024.1	2027.7	2031.3	2034.9	2038.5	2042.1	2045.7	2049.3	2052.9	2056.5	2060.1	2063.7	2067.3	2070.9	2074.5	2078.1	2081.7	2085.3	2088.9	2092.5	2096.1	2100.0

See for similar files: http://www.ps.bam.de/De97/; www.ps.bam.de/De.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1.1, ColSpX=0

Input and output:
Colorimetric Printer Reflective System FRS15_90a
data for any colour:

lab^*tch^* and lab^*icu^*

elementary hue text:

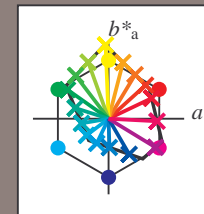
$u^* = 16$ hues $r00j$, $r25j$, ..., $b75r$

contrast reduction factor:

$c_R = 0.9$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



%Gamut

$u^*_{rel} = 88$

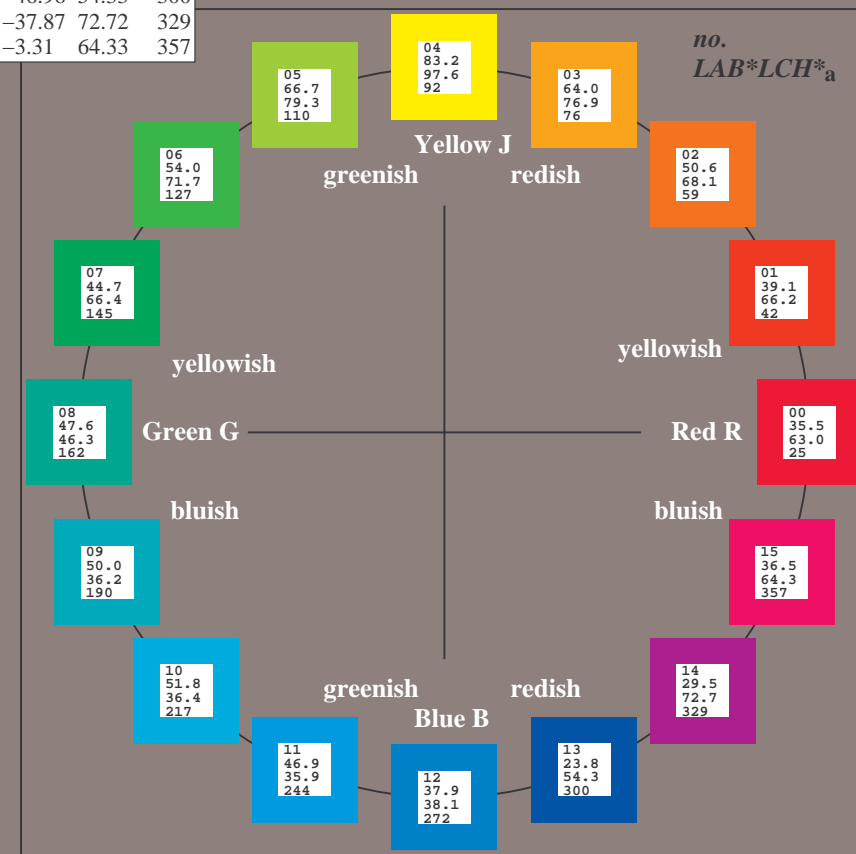
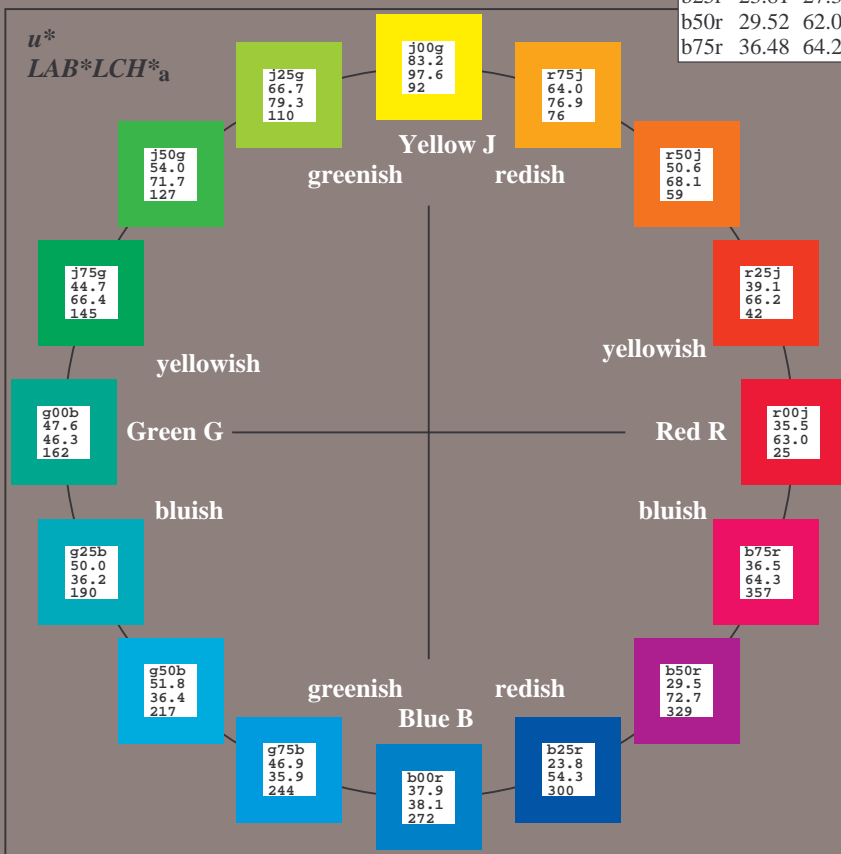
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

lab^*tch^* and lab^*icu^*

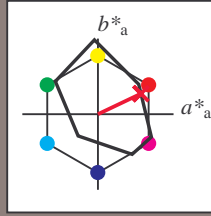
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
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M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 35 57 27

$LAB^*LCH^*_Ma$: 35 63 25

$lab^*rgb^*_Ma$: 1.0 0.0 0.0

$lab^*olv^*_Ma$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

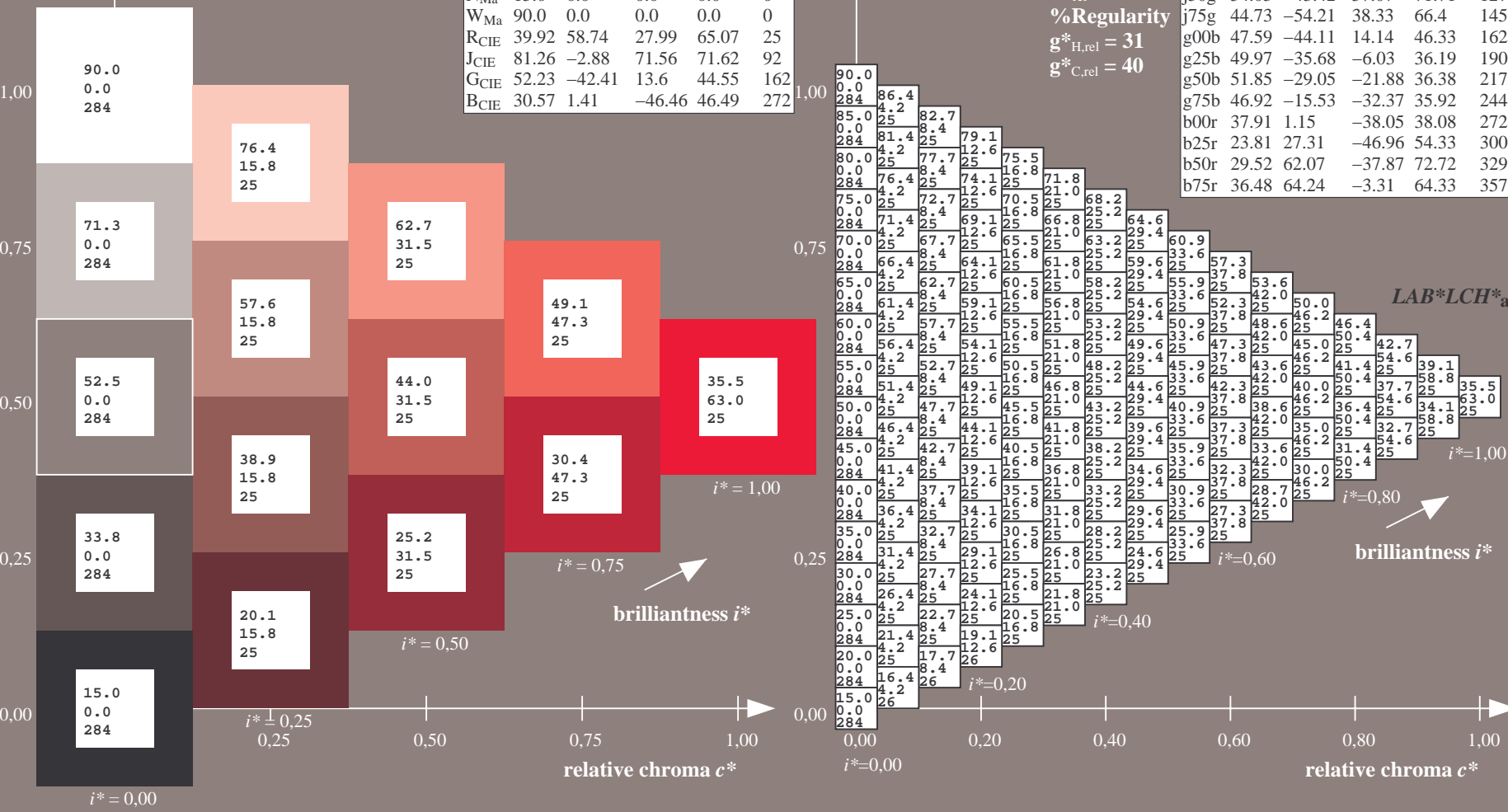
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

lab^*tch^* and lab^*icu^*

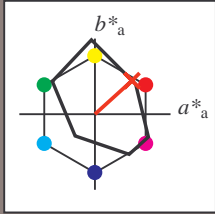
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (M_a):

$LAB^*LAB^*_M_a$: 39 49 44

$LAB^*LCH^*_M_a$: 39 66 42

$lab^*rgb^*_M_a$: 1.0 0.25 0.0

$lab^*olv^*_M_a$: 1.0 0.08 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

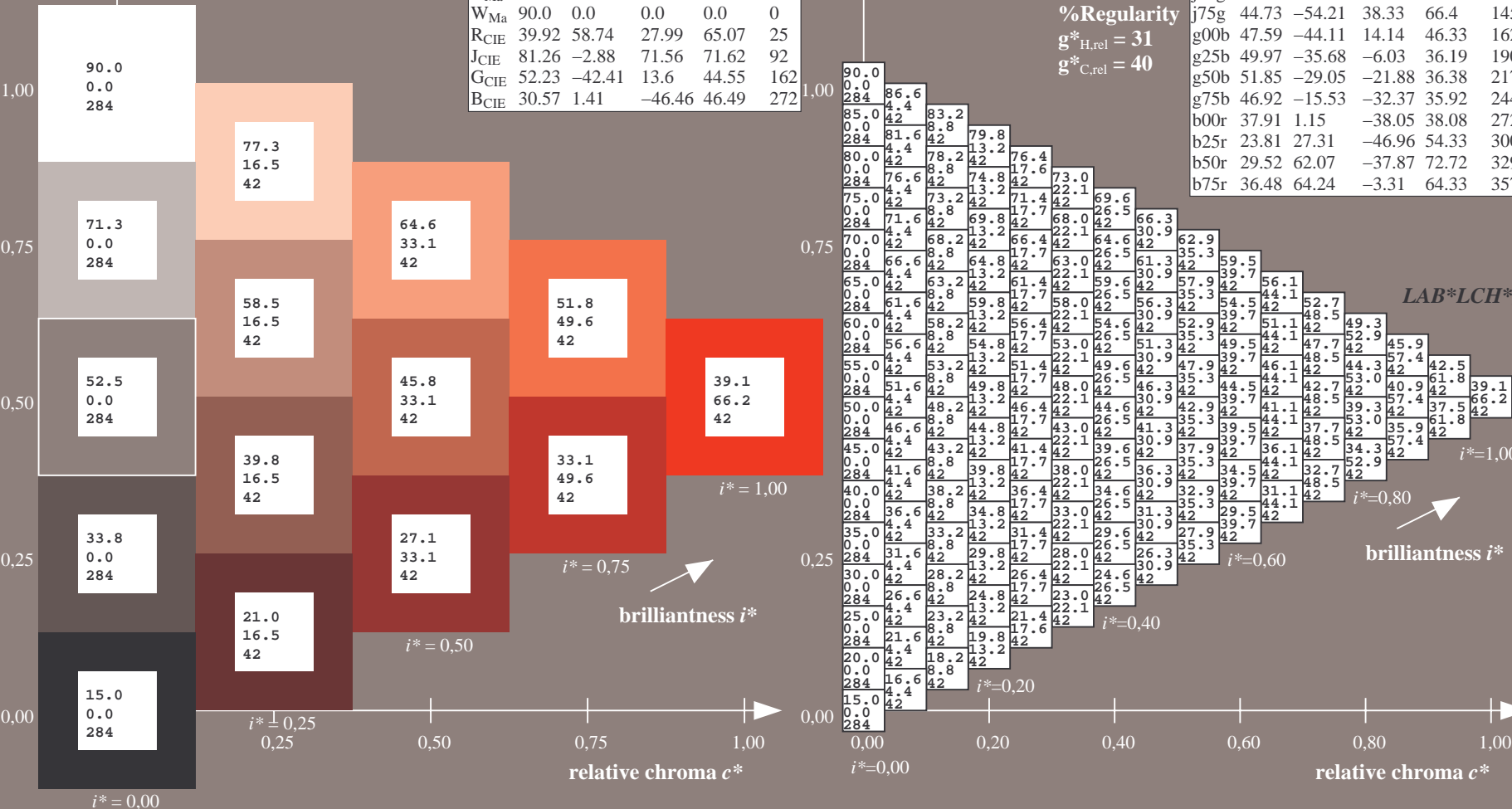
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

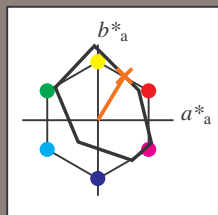
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

$u^* = r25j$
 $LAB^*LCH^*_a$



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r50j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

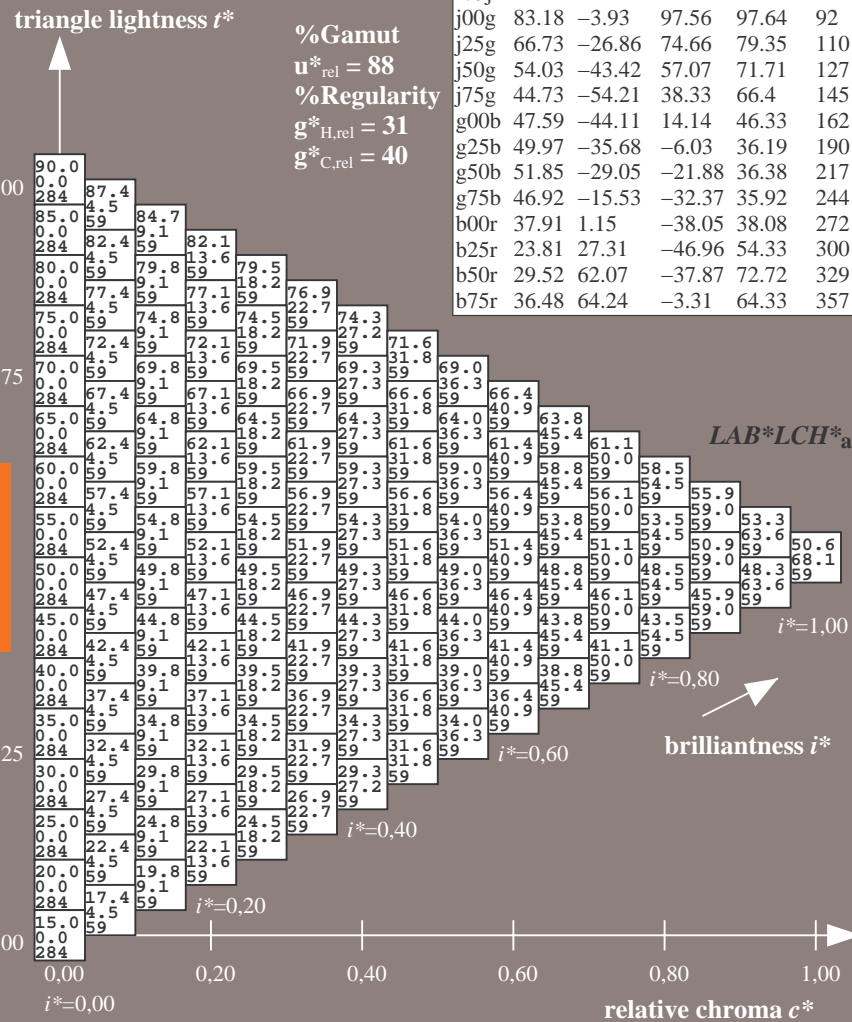
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 35 58
 $LAB^*LCH^*_{Ma}$: 51 68 59
 $lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.32 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

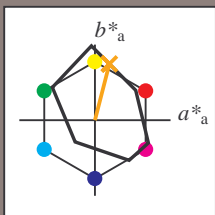


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r75j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

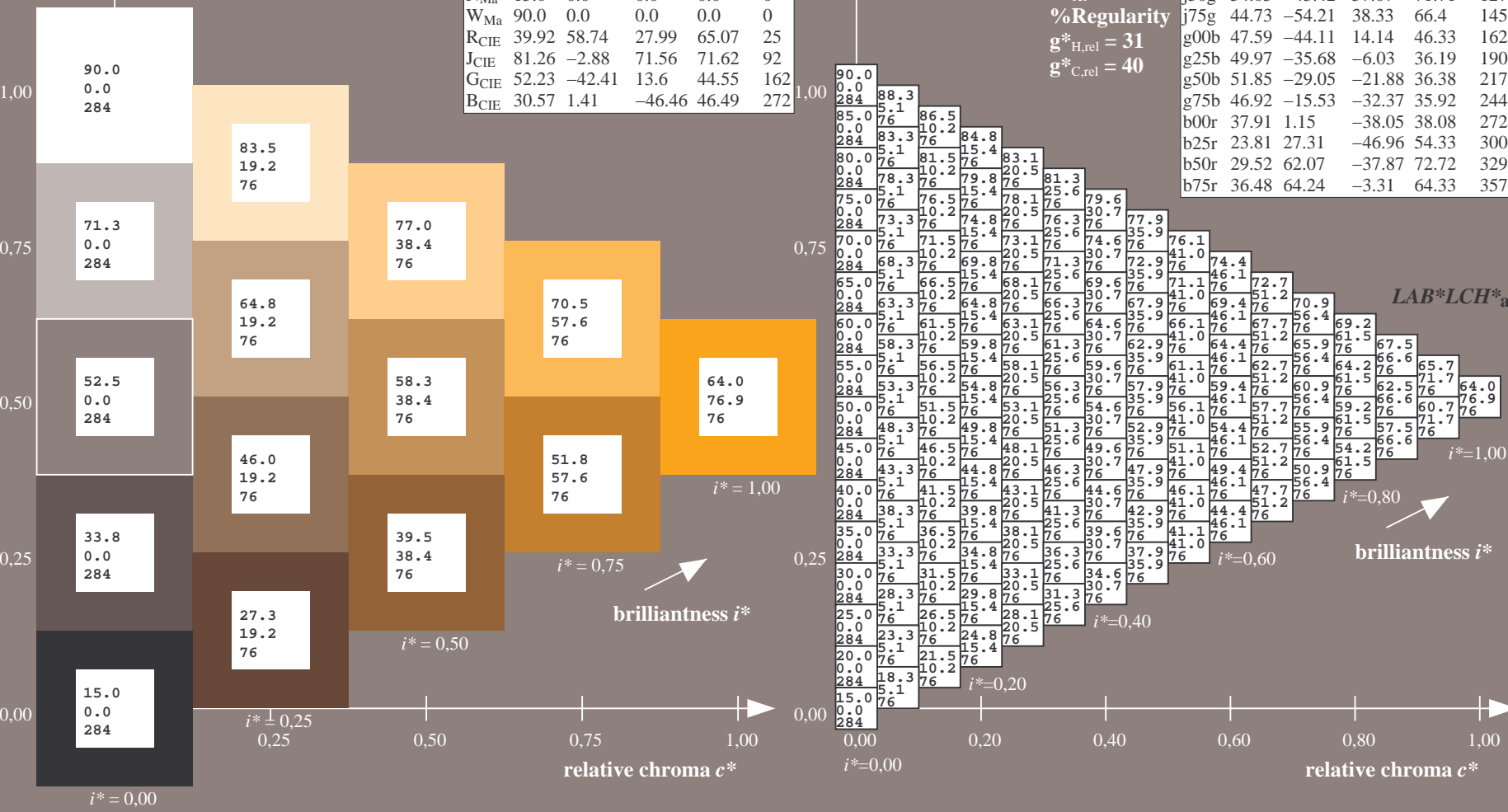
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

lab^*tch^* and lab^*icu^*

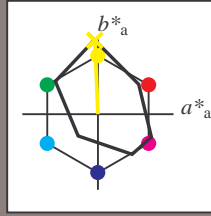
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98

$LAB^*LCH^*_{Ma}$: 83 98 92

$lab^*rgb^*_{Ma}$: 1.0 1.0 0.0

$lab^*olv^*_{Ma}$: 1.0 0.99 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

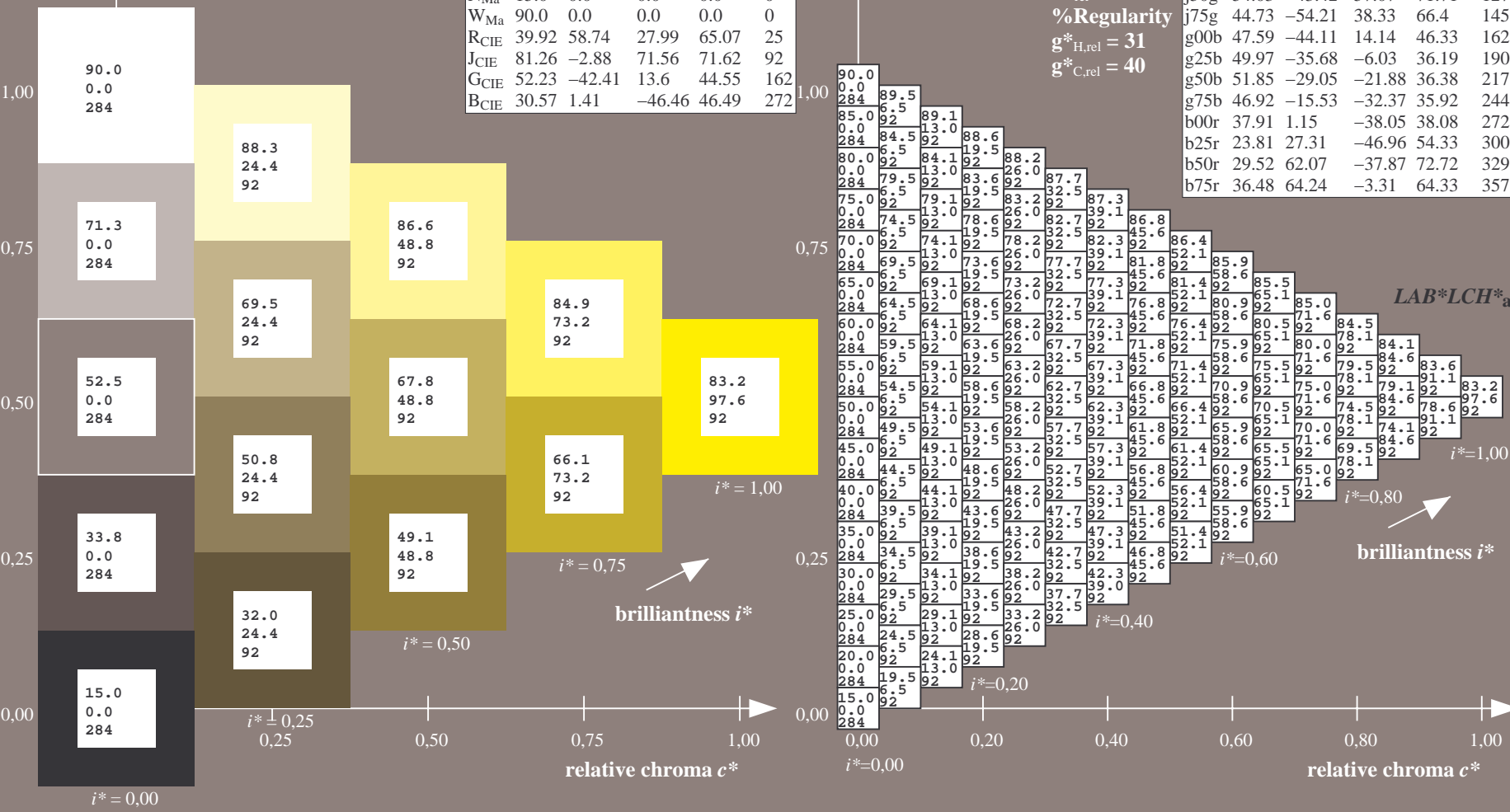
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

lab^*tch^* and lab^*icu^*

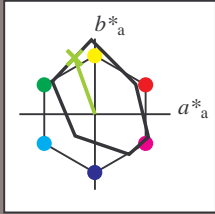
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -26 75

$LAB^*LCH^*_{Ma}$: 67 79 110

$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0

$lab^*olv^*_{Ma}$: 0.57 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

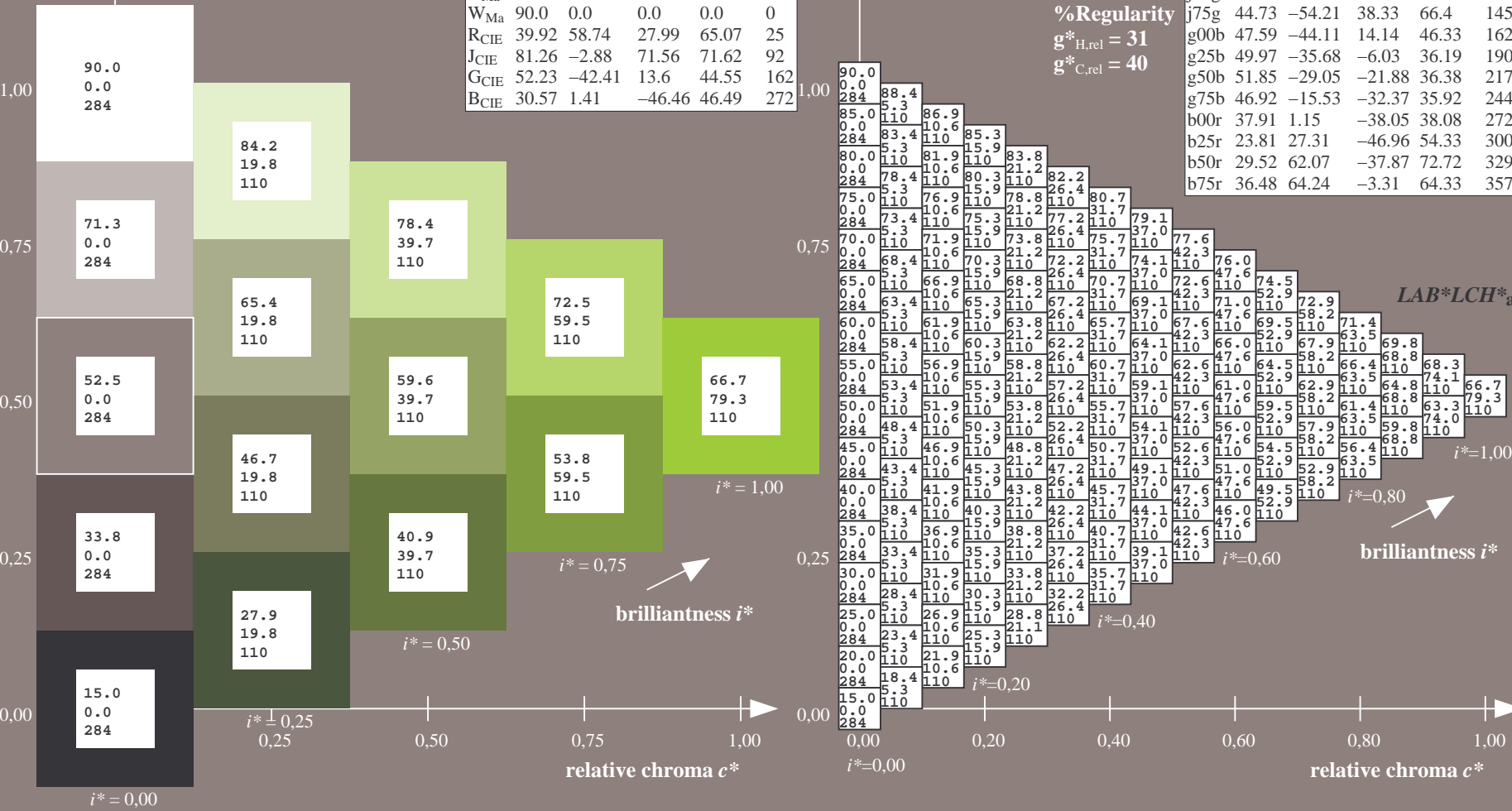
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

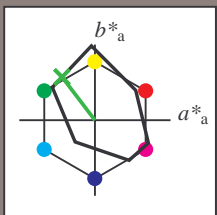
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
BAM material: code=rhadata
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j50g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -42 57

$LAB^*LCH^*_{Ma}$: 54 72 127

$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

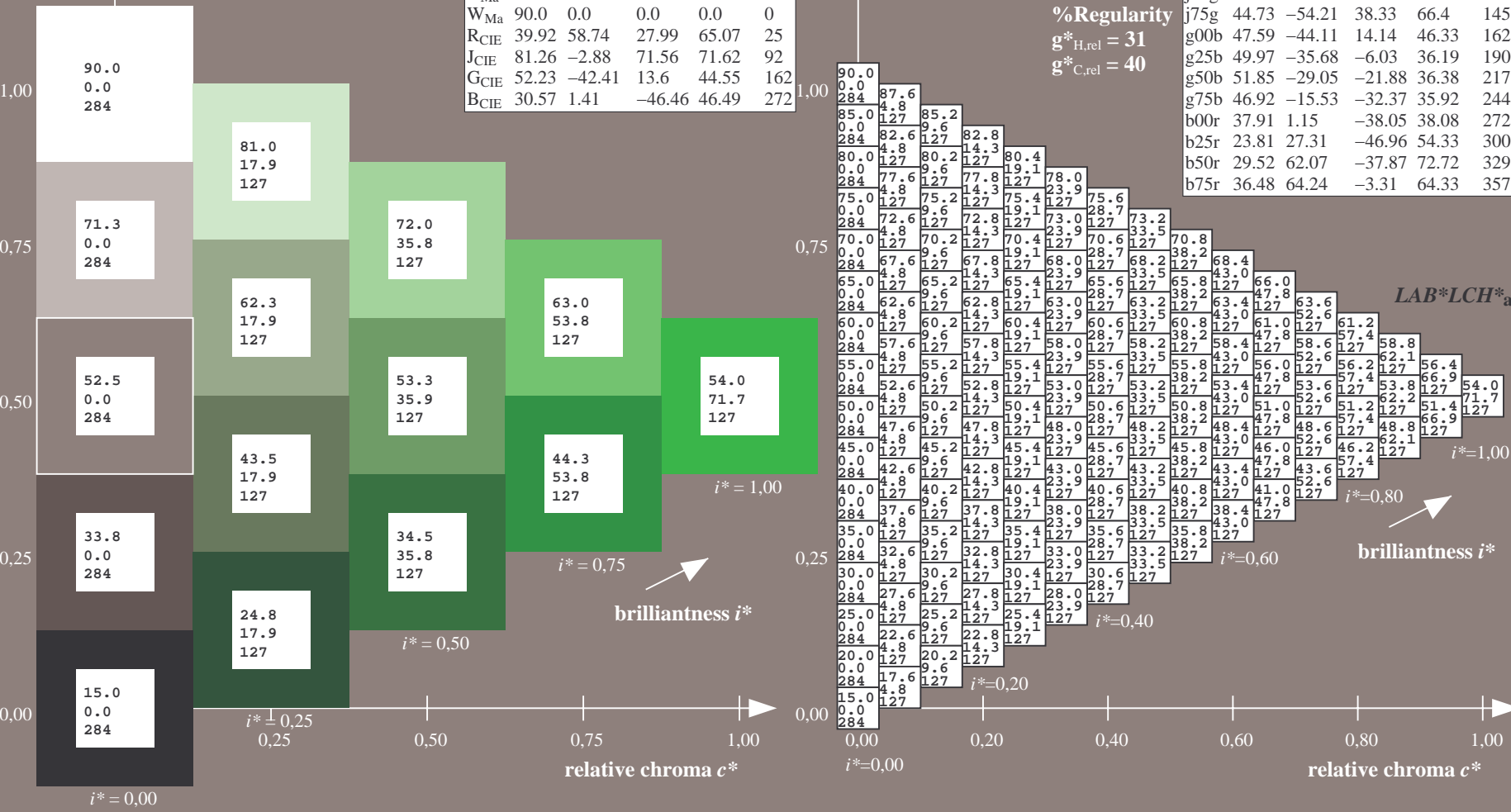
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

lab^*tch^* and lab^*icu^*

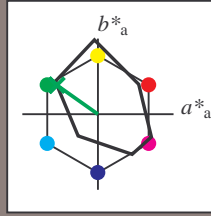
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -53 38

$LAB^*LCH^*_{Ma}$: 45 66 145

$lab^*rgb^*_{Ma}$: 0.25 1.0 0.0

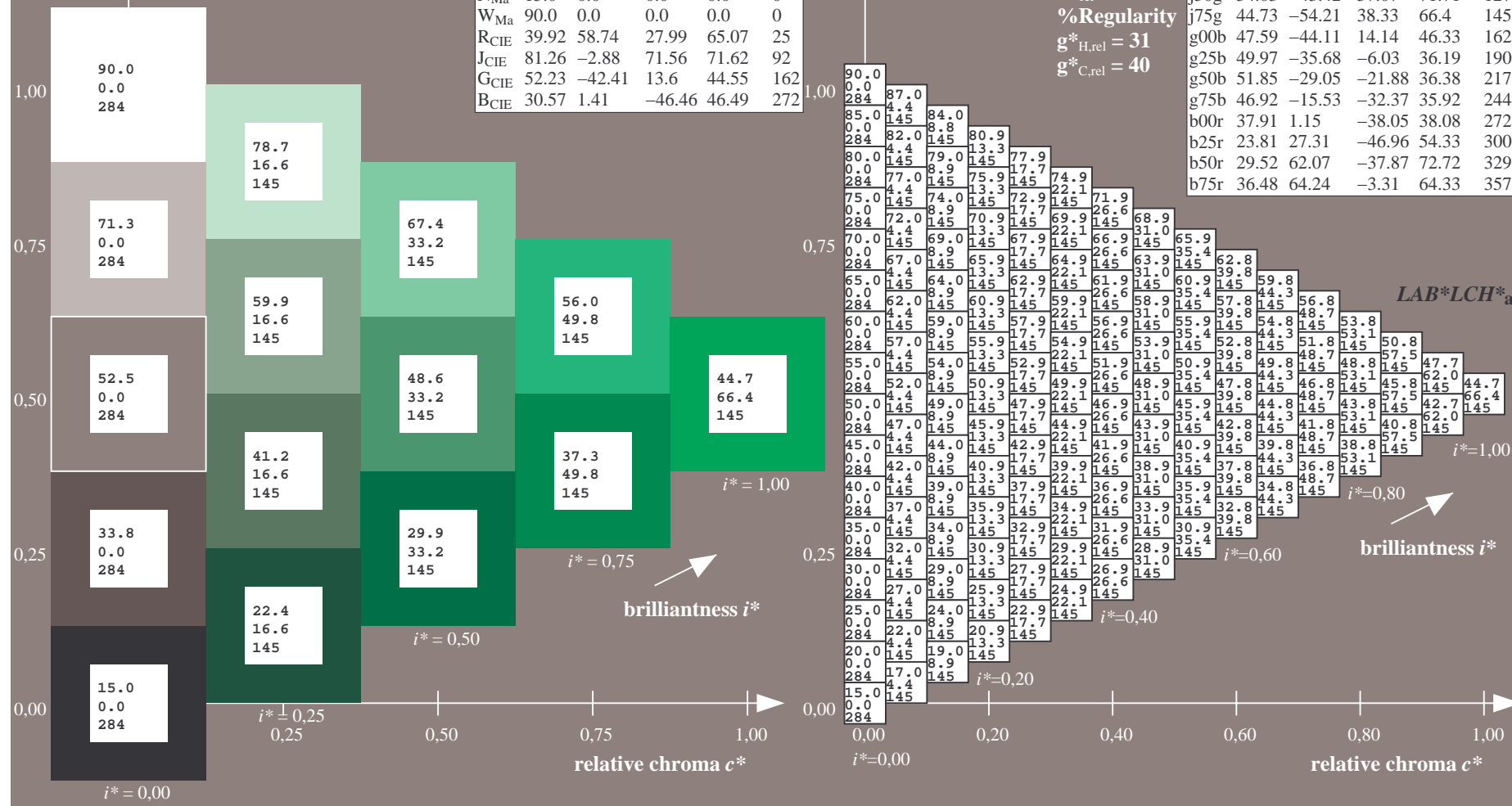
$lab^*olv^*_{Ma}$: 0.0 1.0 0.07

triangle lightness t^*

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

lab^*tch^* and lab^*icu^*

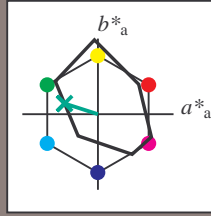
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -43 14

$LAB^*LCH^*_{Ma}$: 48 46 162

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0

$lab^*olv^*_{Ma}$: 0.0 1.0 0.41

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

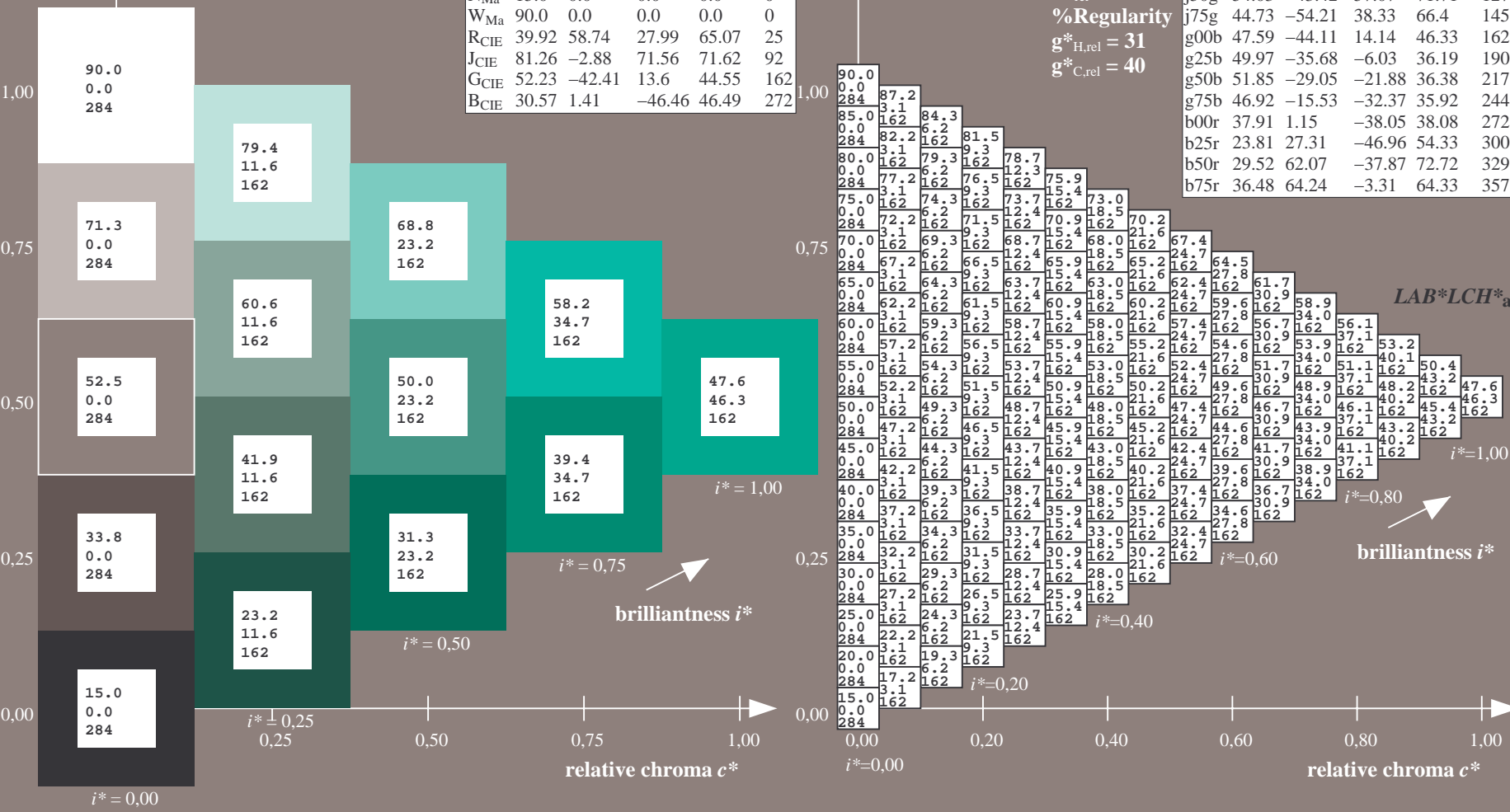
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

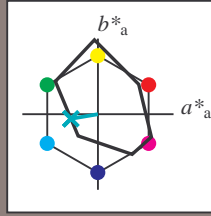
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g25b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

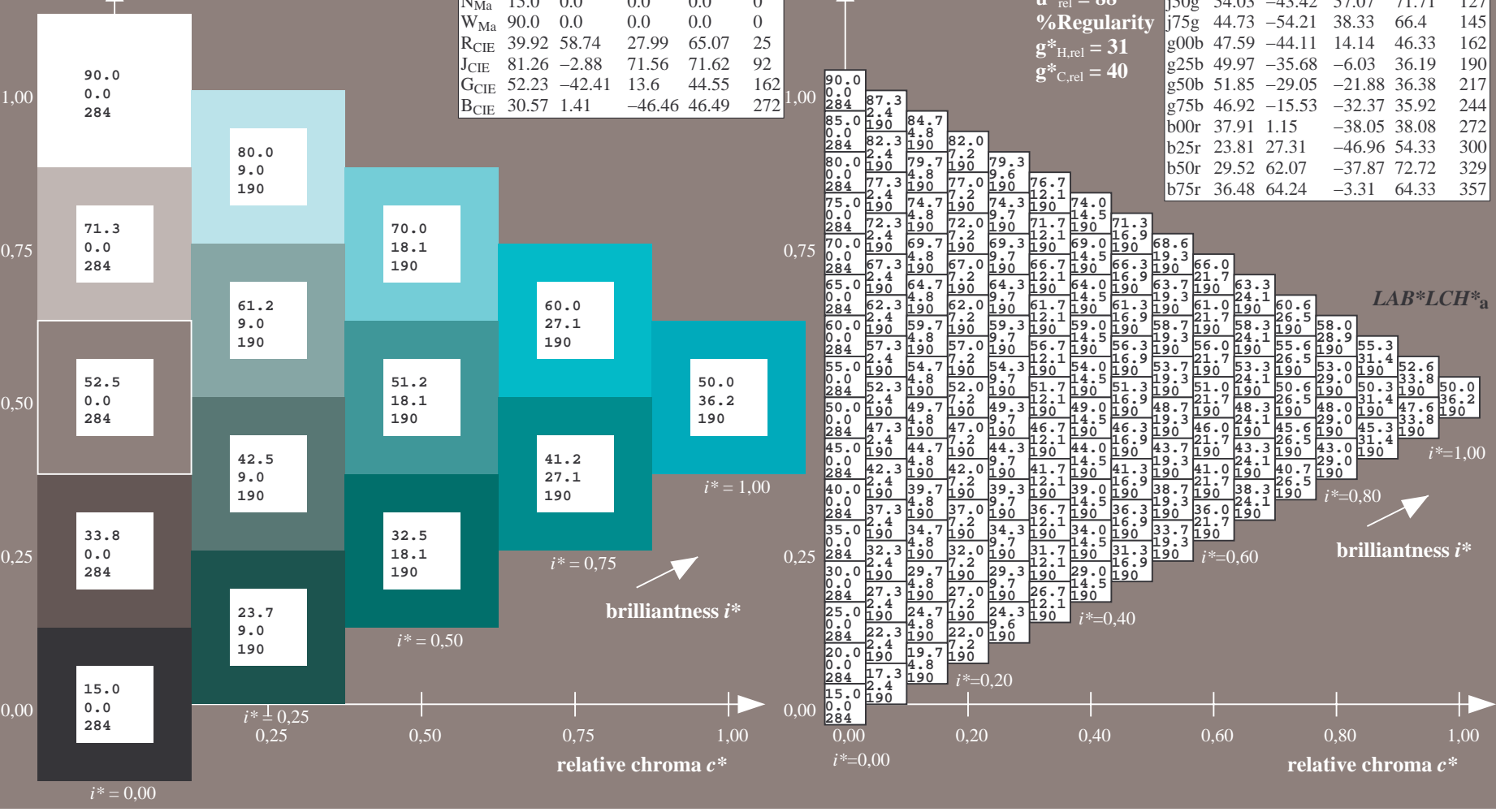
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 50 -35 -5
 $LAB^*LCH^*_Ma$: 50 36 190
 $lab^*rgb^*_Ma$: 0.0 1.0 0.5
 $lab^*olv^*_Ma$: 0.0 1.0 0.69

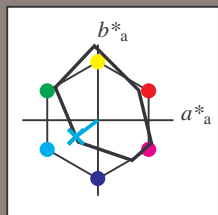
FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:
 lab^*tch^* and $lab^*ic_u^*$
 elementary hue text:
 $u^* = g50b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

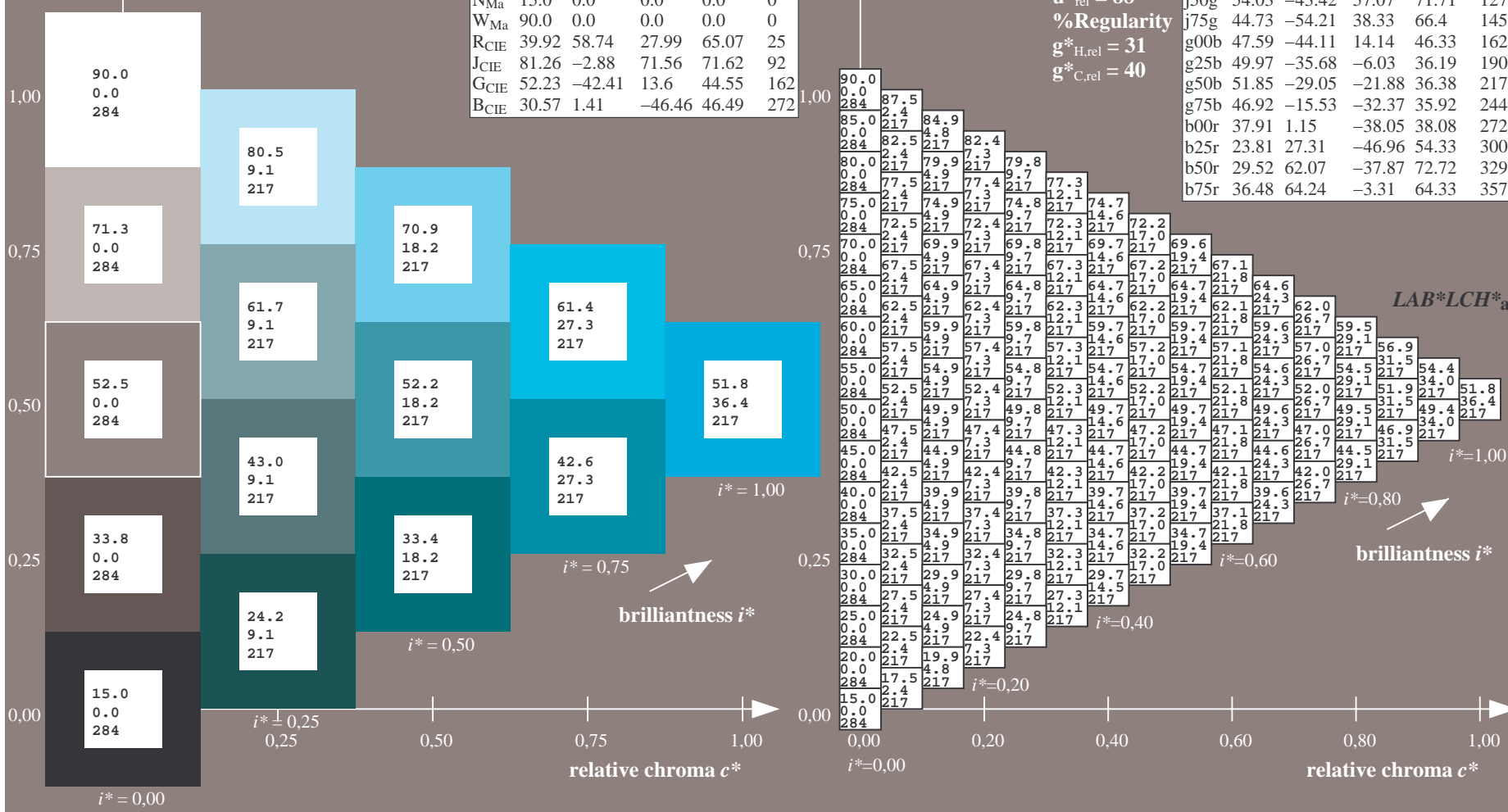
Data for maximum colour (M_a):

$LAB^*LAB^*_M_a$: 52 -28 -21
 $LAB^*LCH^*_M_a$: 52 36 217
 $lab^*rgb^*_M_a$: 0.0 1.0 1.0
 $lab^*olv^*_M_a$: 0.0 1.0 0.9

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

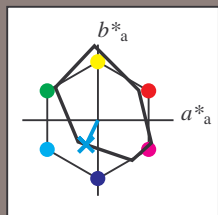
triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:
 lab^*tch^* and $lab^*ic_u^*$
 elementary hue text:
 $u^* = g75b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



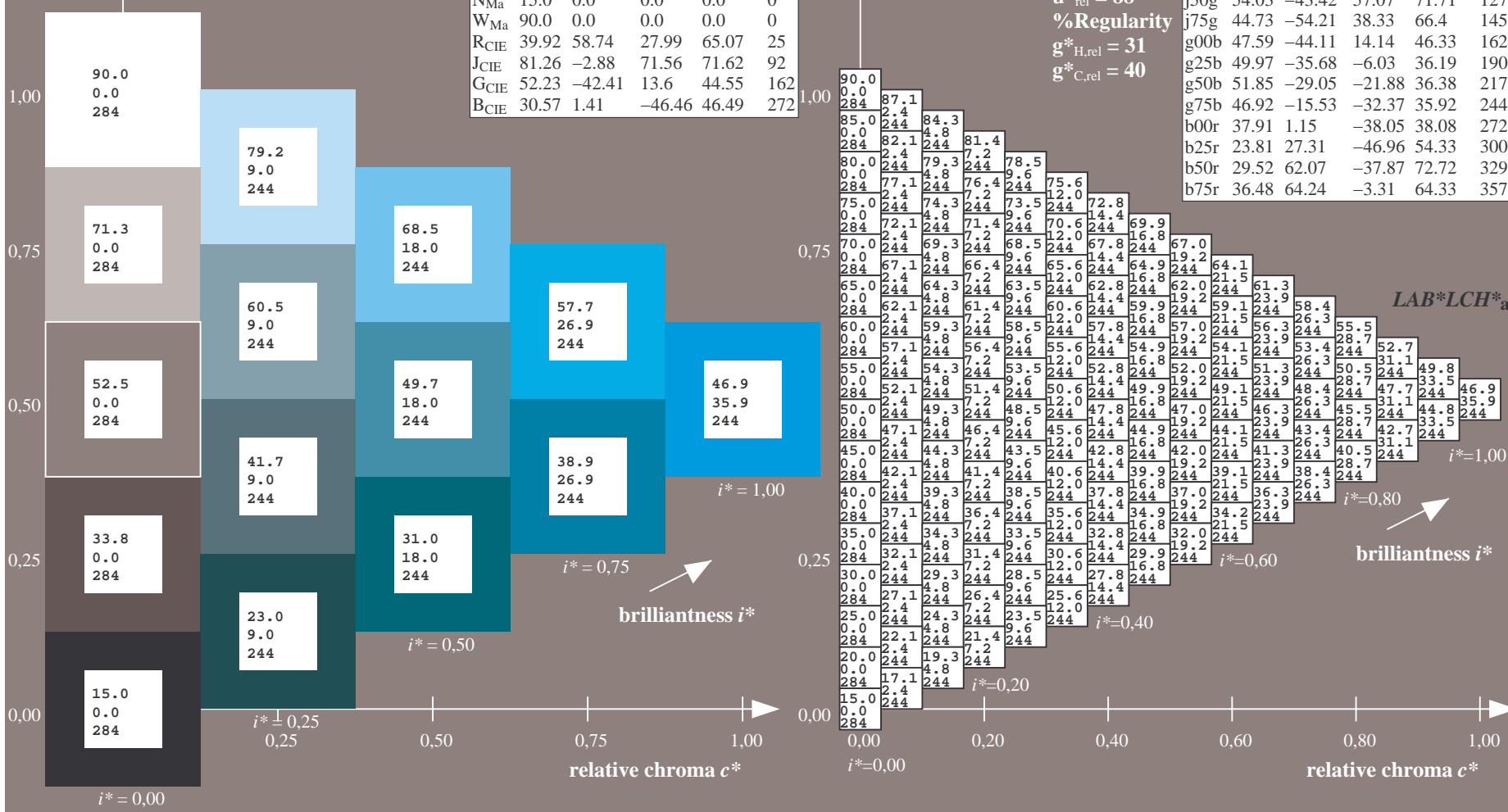
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -15 -31
 $LAB^*LCH^*_{Ma}$: 47 36 244
 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.85 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

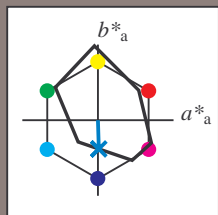


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b00r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

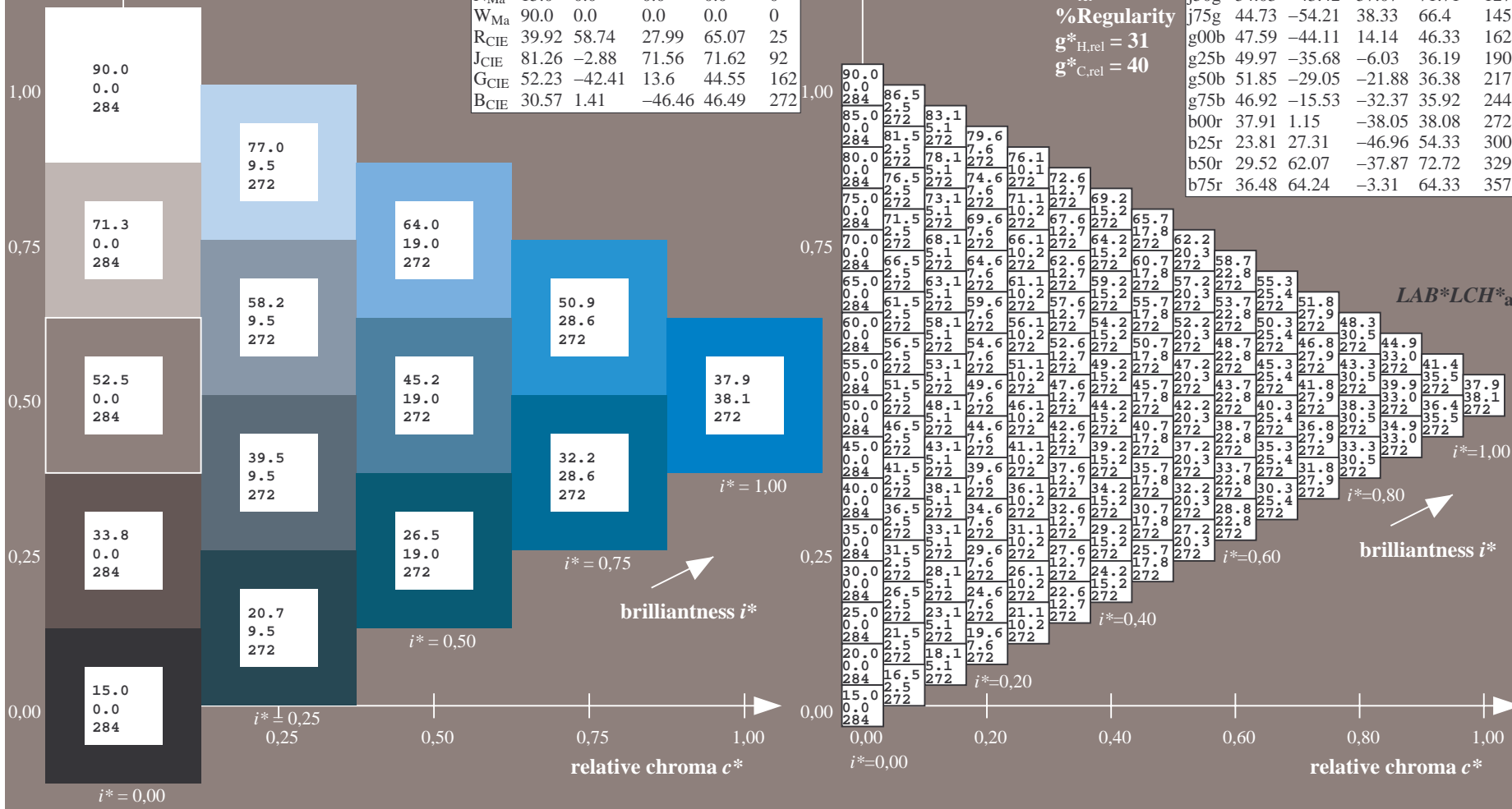
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -37
 $LAB^*LCH^*_{Ma}$: 38 38 272
 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.62 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

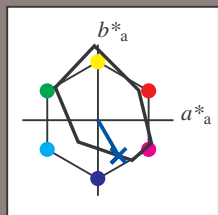


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b25r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

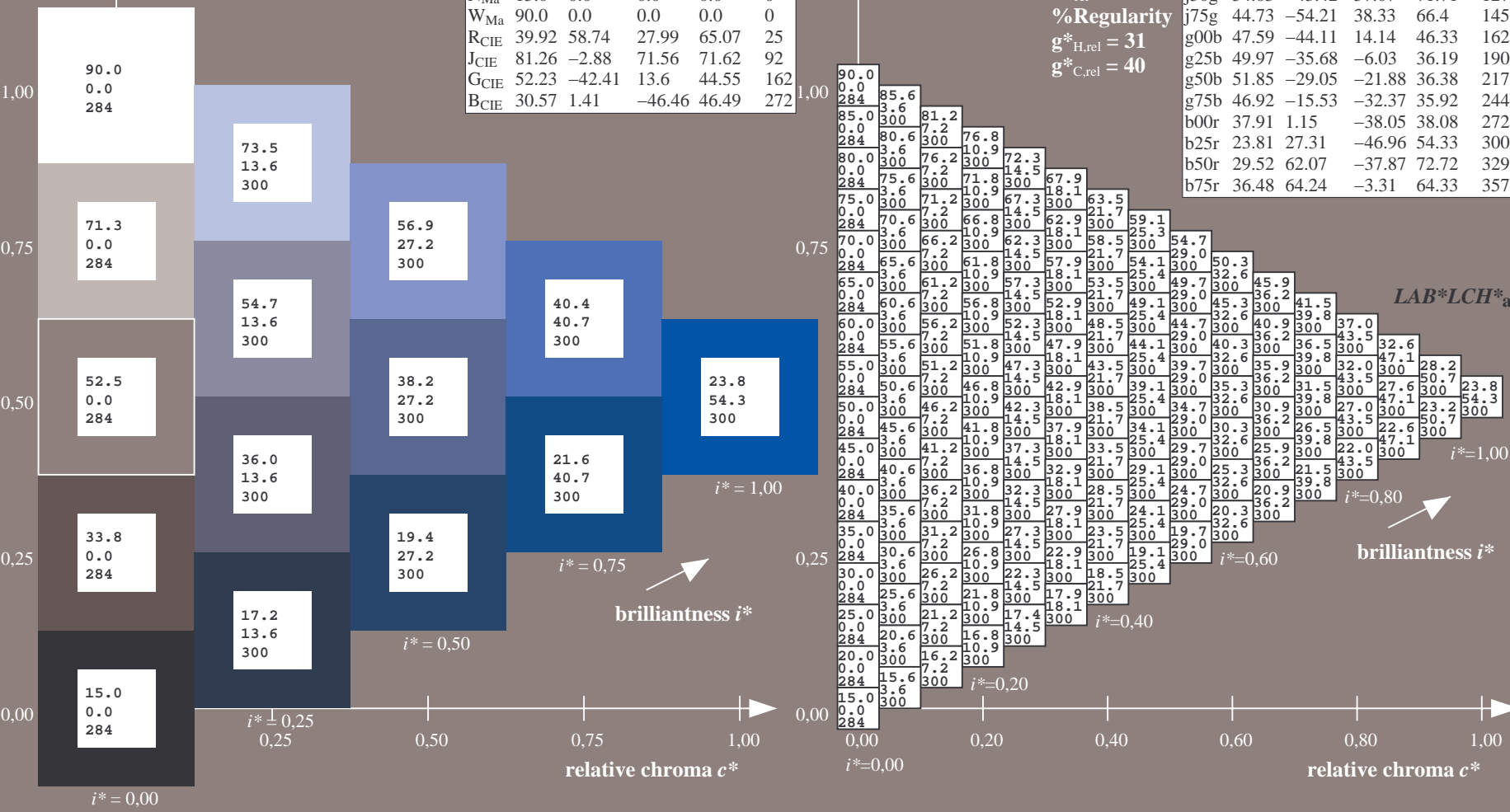
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 27 -46
 $LAB^*LCH^*_{Ma}$: 24 54 300
 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.25 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

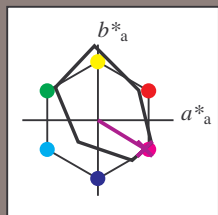
%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b50r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

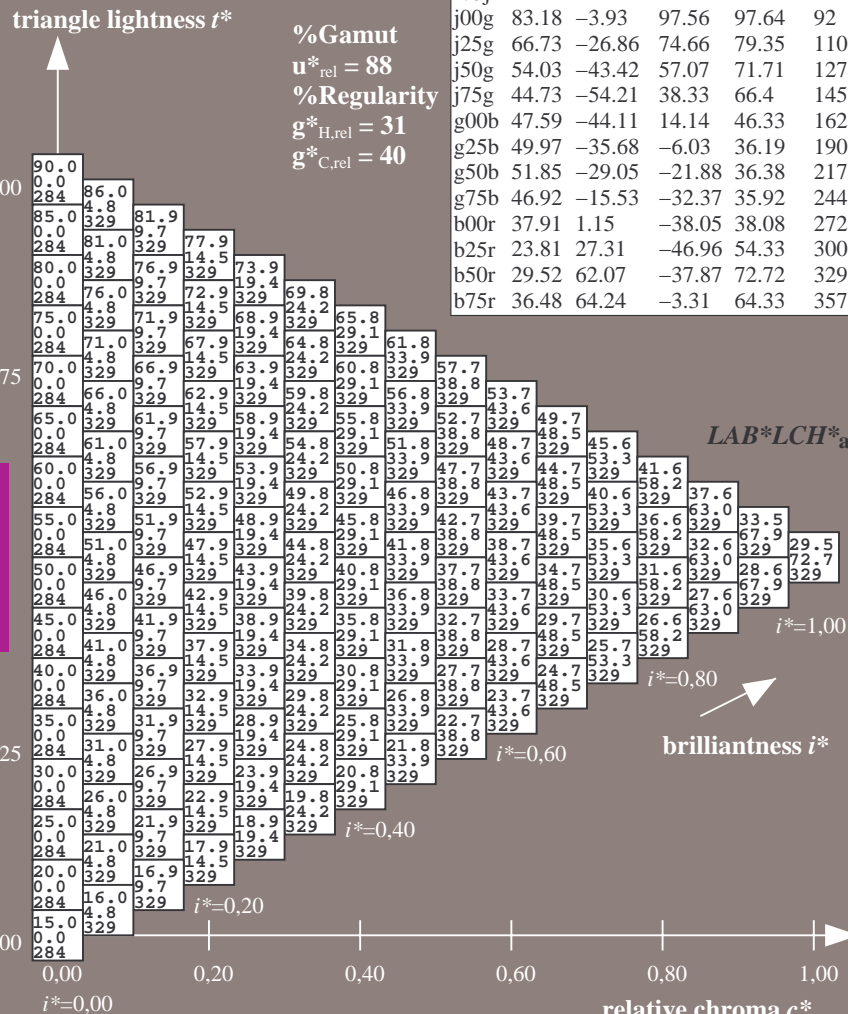
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 62 -37
 $LAB^*LCH^*_{Ma}$: 30 73 329
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.66 0.0 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

lab^*tch^* and lab^*icu^*

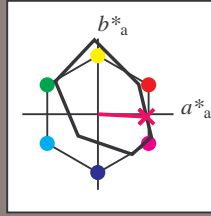
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 36 64 -2

$LAB^*LCH^*_Ma$: 36 64 357

$lab^*rgb^*_Ma$: 1.0 0.0 0.5

$lab^*olv^*_Ma$: 1.0 0.0 0.62

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

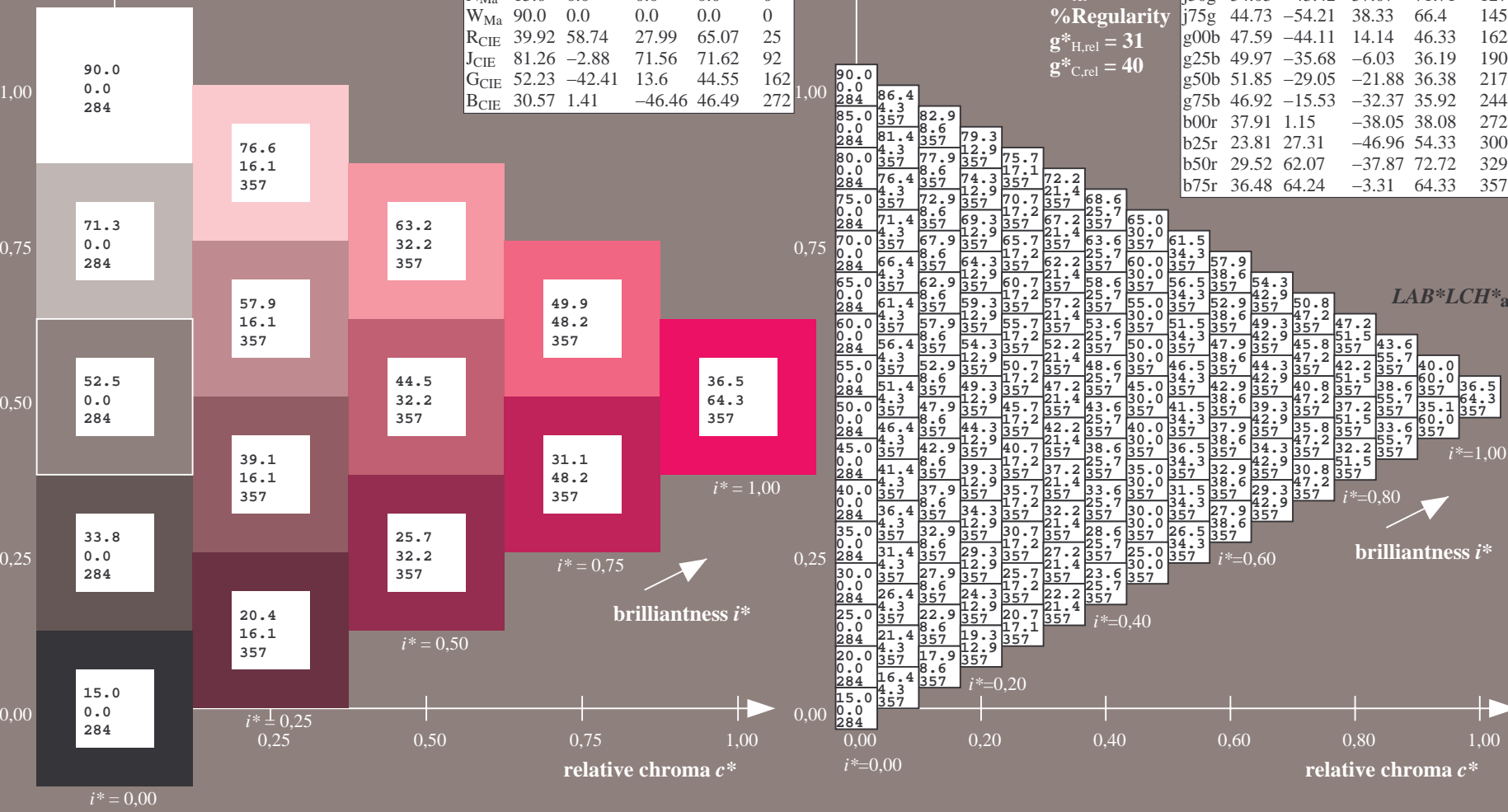
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



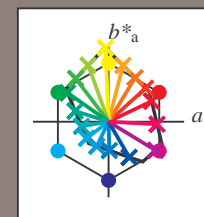
BAM registration: 20080701-De97/10L/L97E00NP.PS/.PDF BAM material: code=rhdata
application for evaluation and measurement of printer or monitor systems

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De/HTM
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

Colorimetric data table with columns A-LAB*LCH*a and rows 01-27. Each cell contains a 3x3 grid of numerical values representing colorimetric data for different color patches.

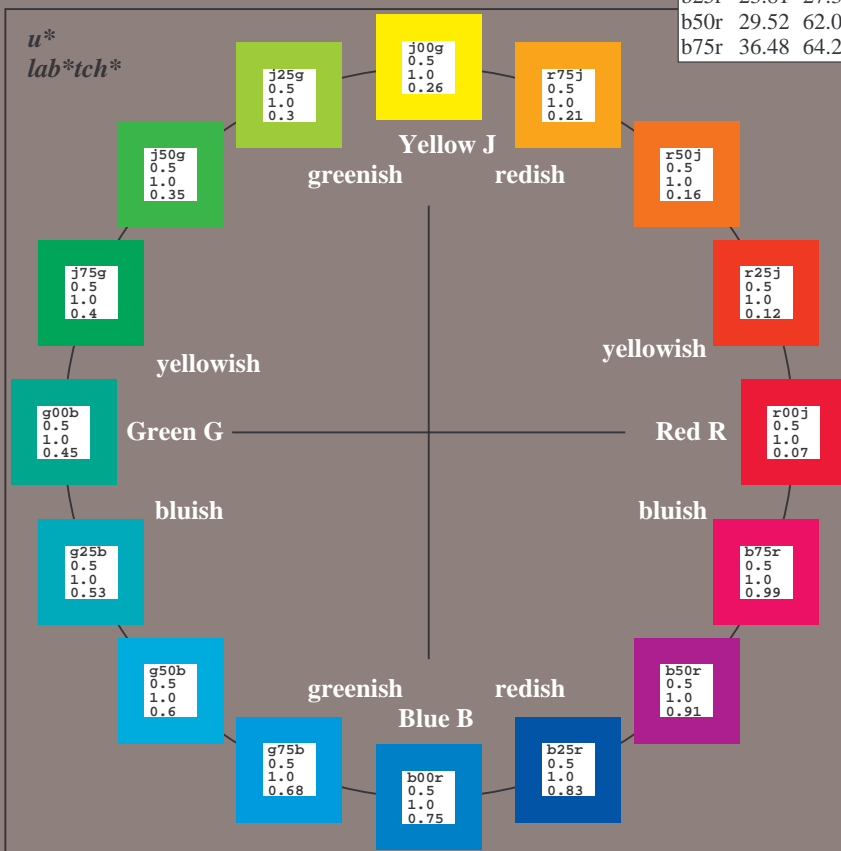
Input and output:
 Colorimetric Printer Reflective System FRS15_90a
 data for any colour:
*lab*tch** and *lab*icu**
 elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
 contrast reduction factor:
 $c_R = 0.9$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

lab^*tch^* and lab^*icu^*

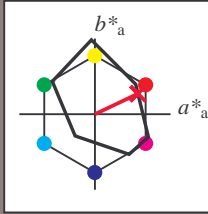
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 57 27

$LAB^*LCH^*_{Ma}$: 35 63 25

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0

$lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

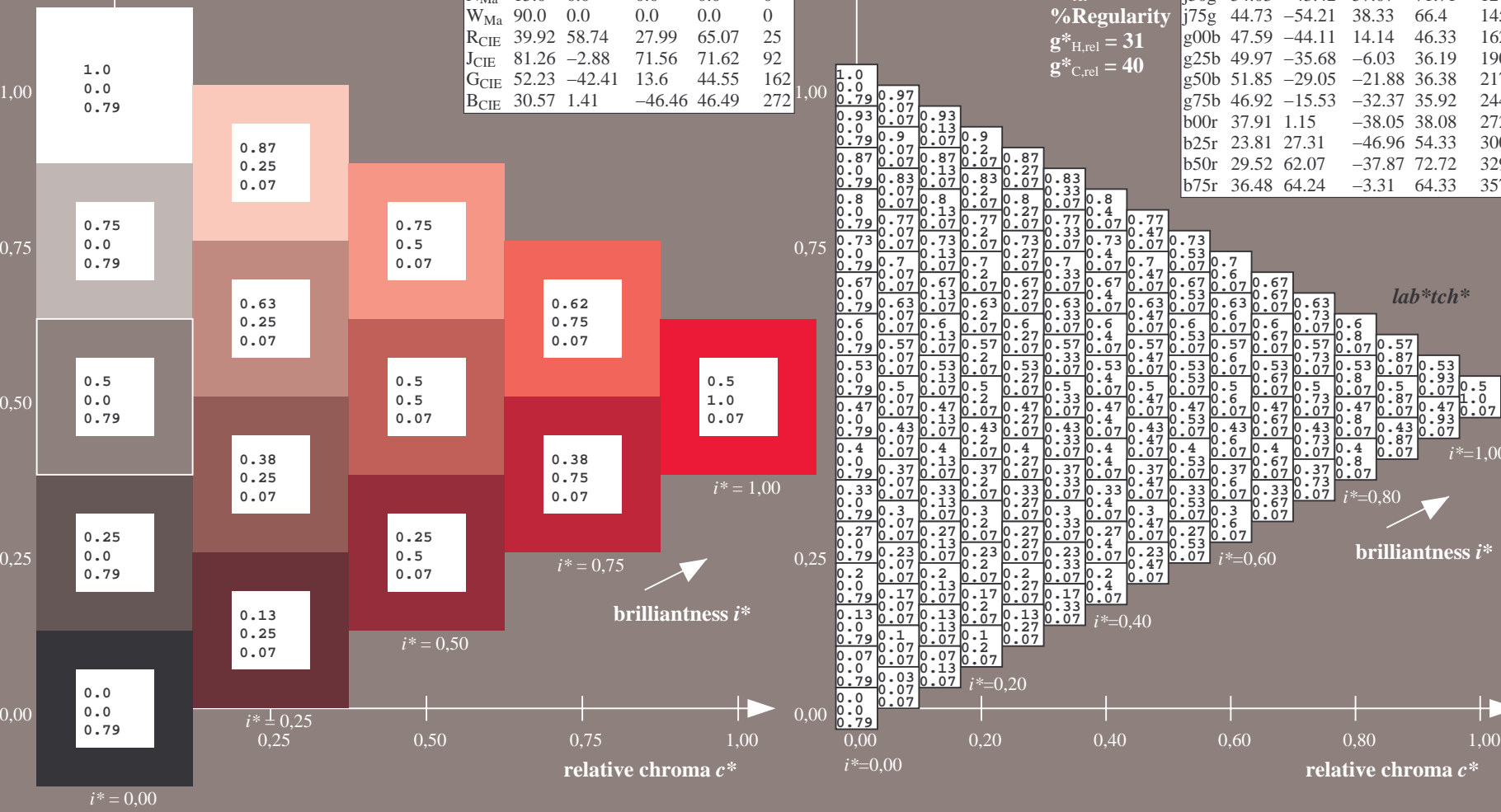
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

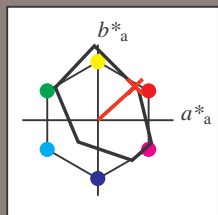
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r25j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



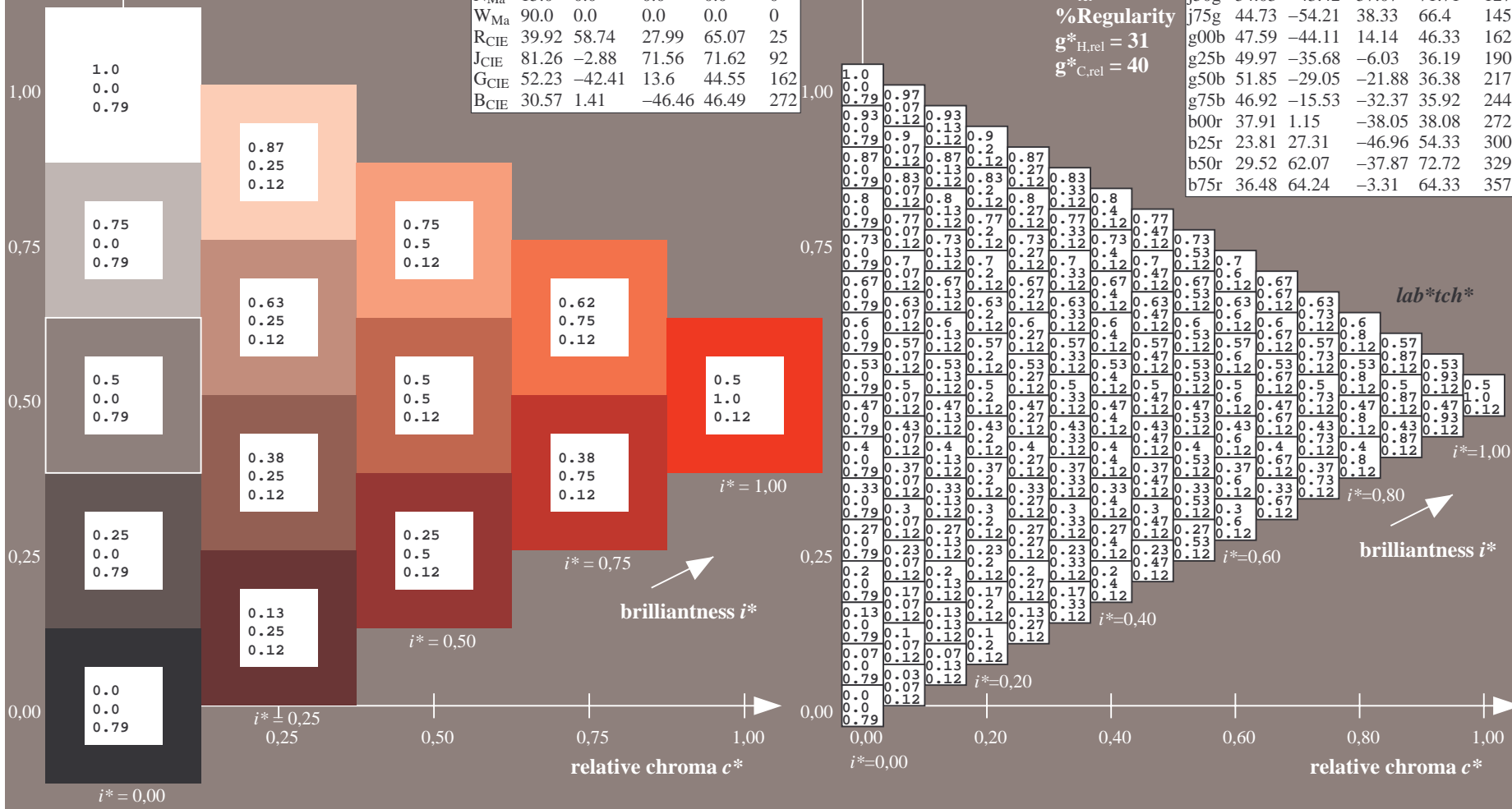
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

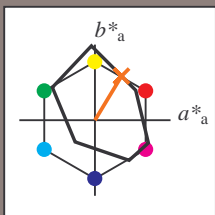


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r50j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

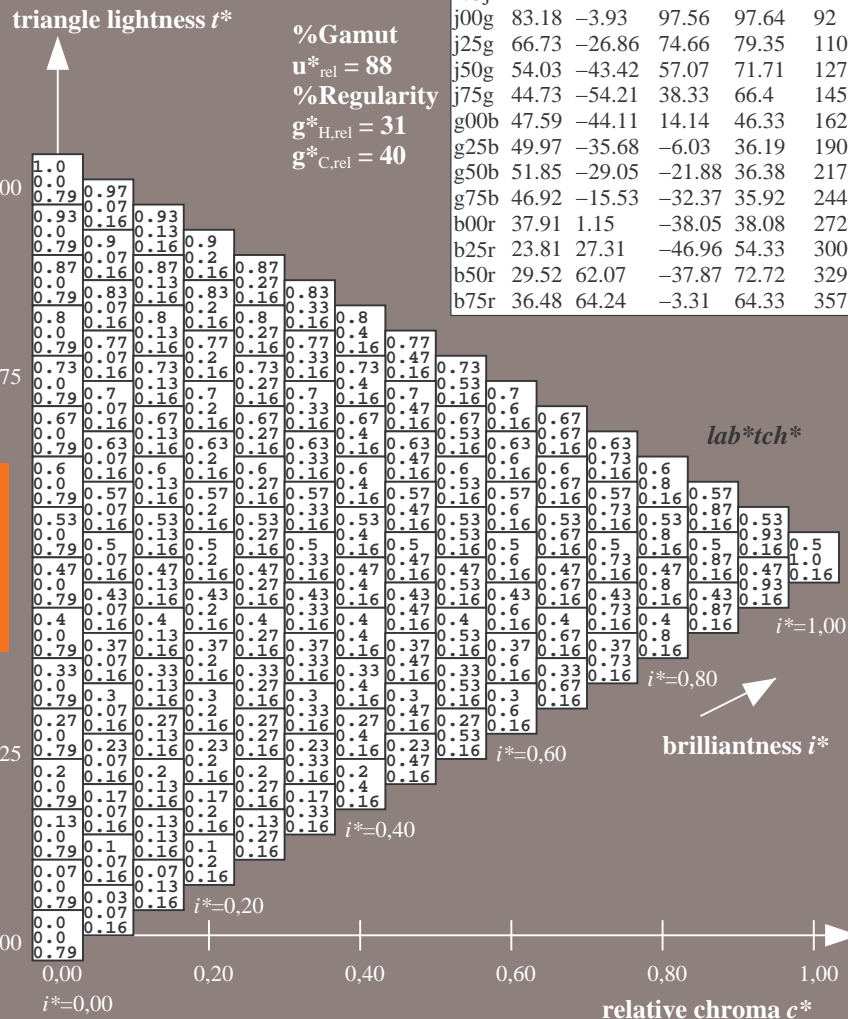
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 35 58
 $LAB^*LCH^*_{Ma}$: 51 68 59
 $lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.32 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

lab^*tch^* and lab^*icu^*

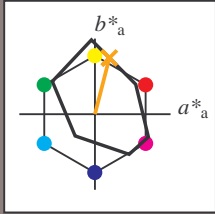
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 19 74

$LAB^*LCH^*_{Ma}$: 64 77 76

$lab^*rgb^*_{Ma}$: 1.0 0.75 0.0

$lab^*olv^*_{Ma}$: 1.0 0.59 0.0

triangle lightness t^*

%Gamut

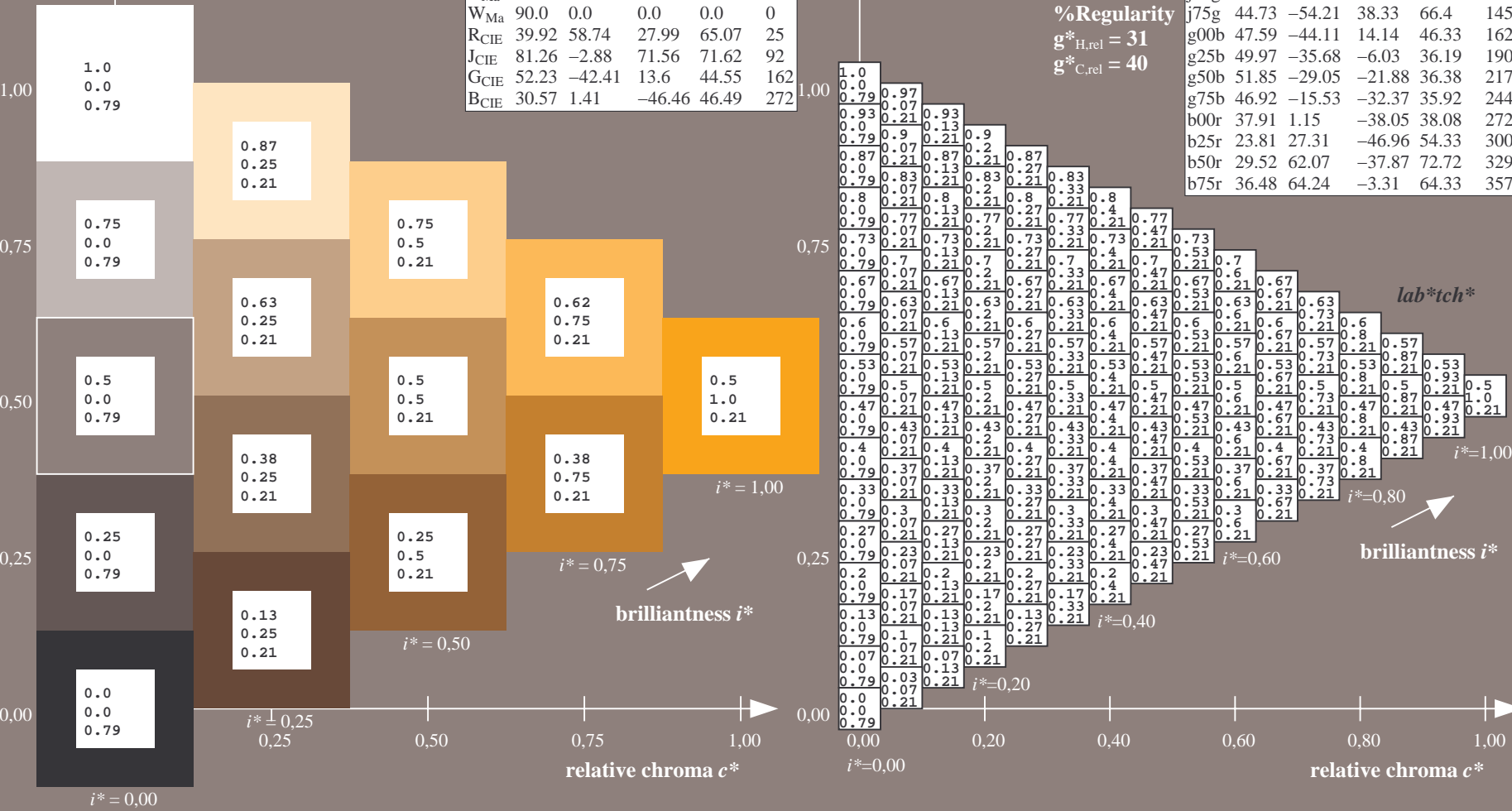
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

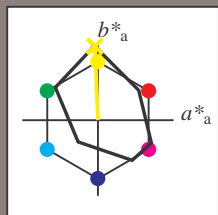
$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j00g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



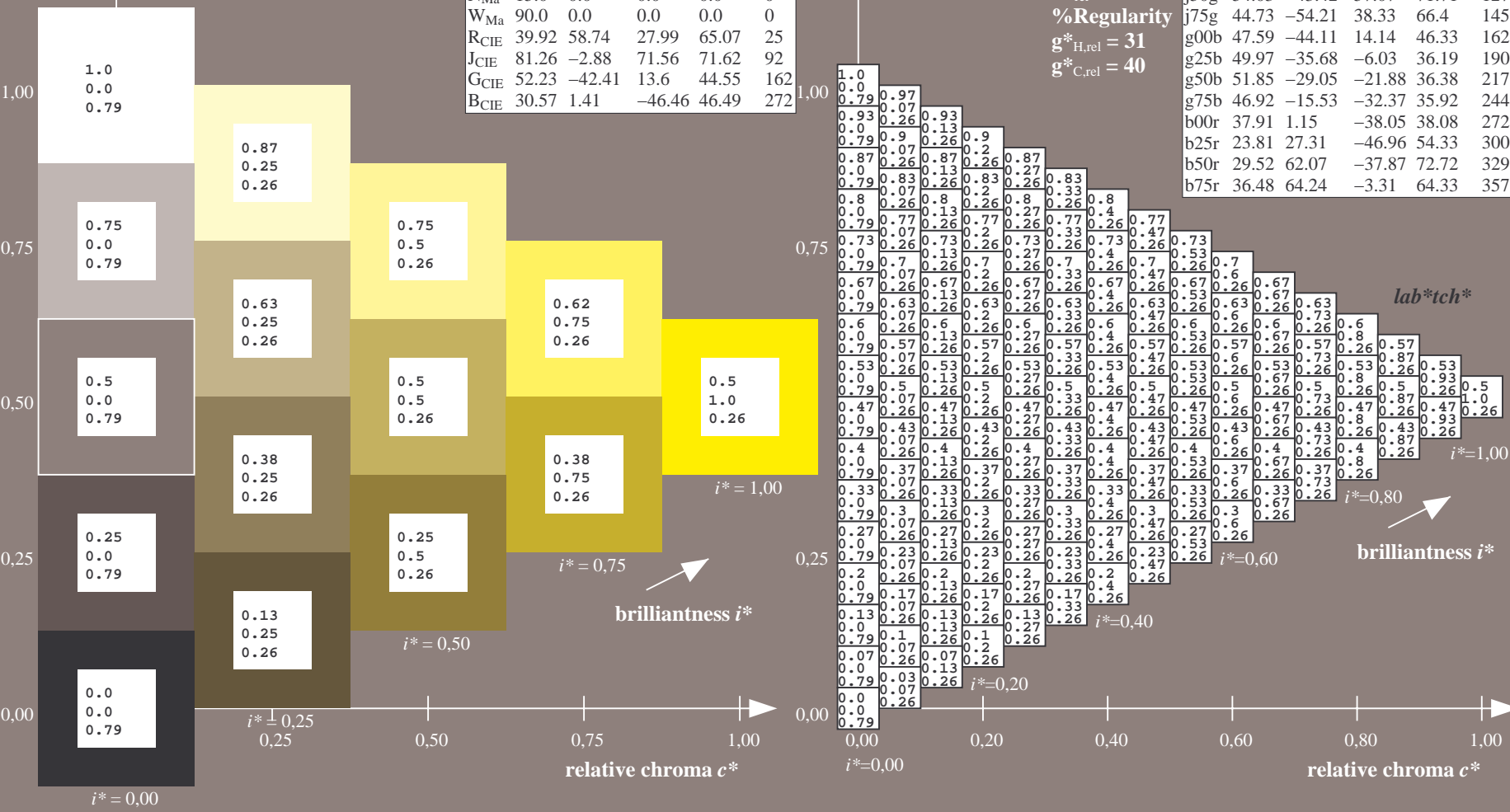
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

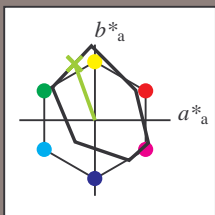
triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j25g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

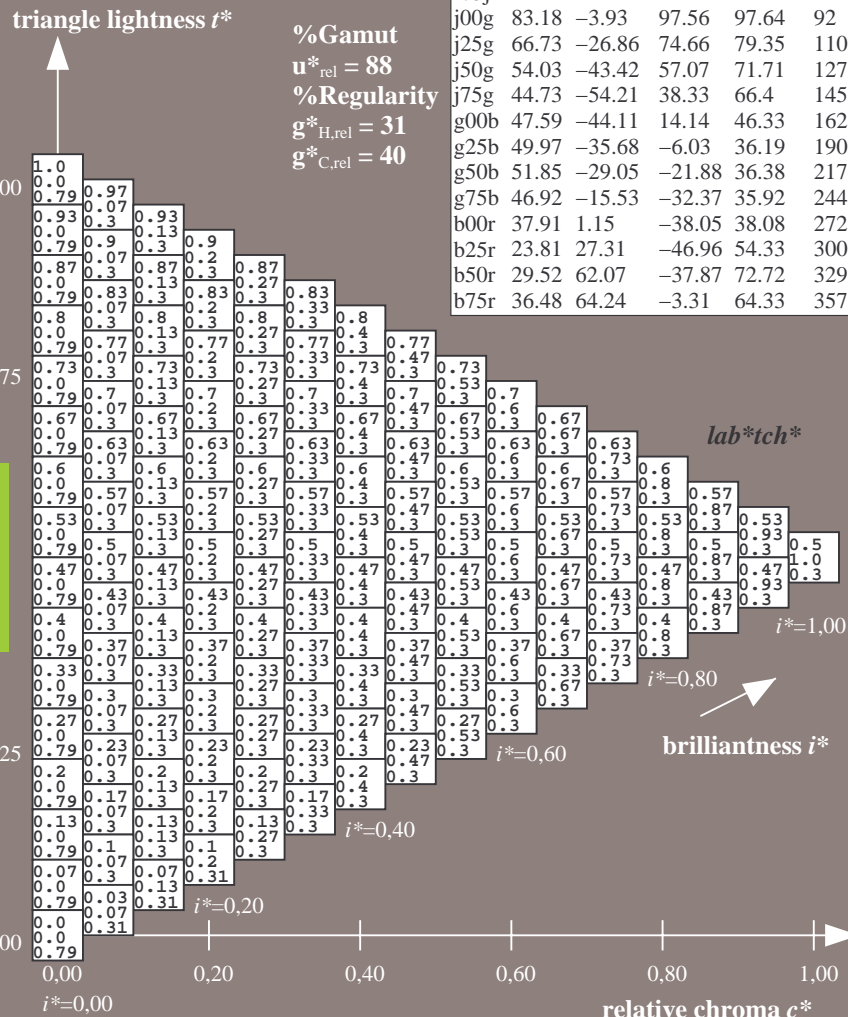
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -26 75
 $LAB^*LCH^*_{Ma}$: 67 79 110
 $lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.57 1.0 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

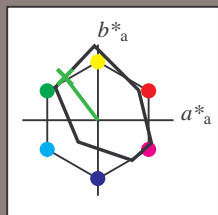


See for similar files: <http://www.ps.bam.de/De97/>; <http://www.ps.bam.de/De97/10L/L97E00NP.PS/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j50g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



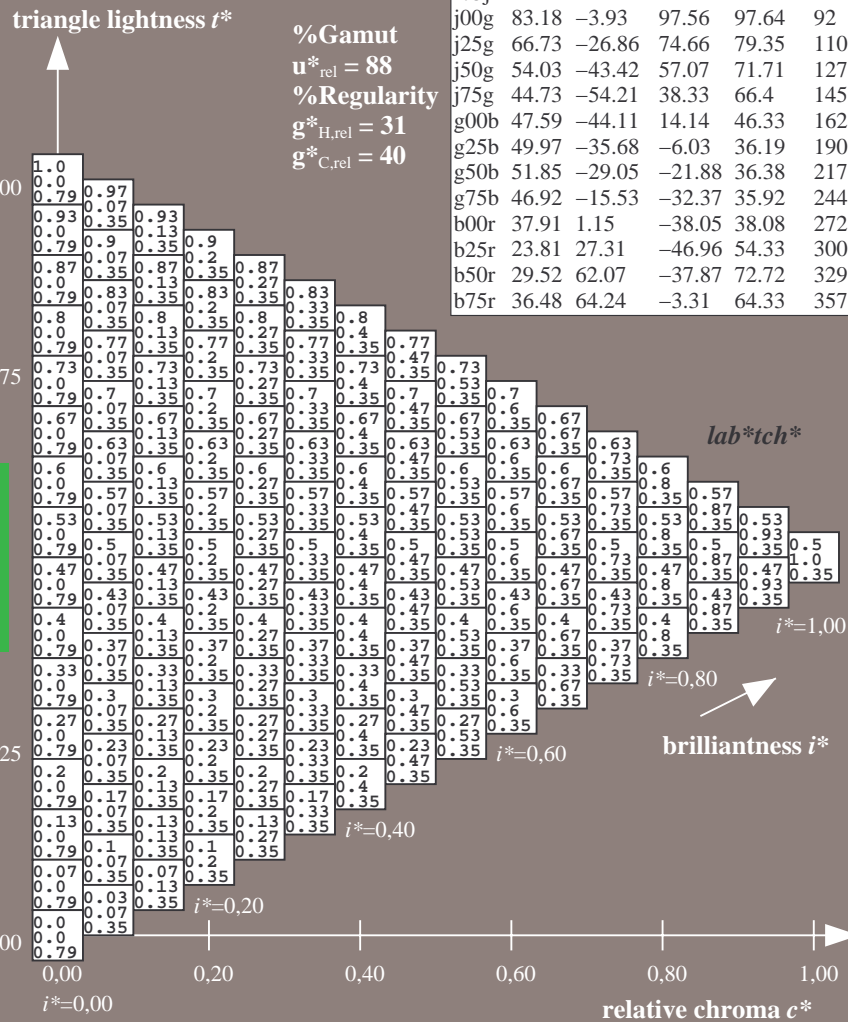
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (M_a):

$LAB^*LAB^*_{Ma}$: 54 -42 57
 $LAB^*LCH^*_{Ma}$: 54 72 127
 $lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.25 1.0 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

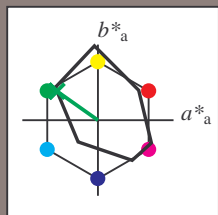
%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j75g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

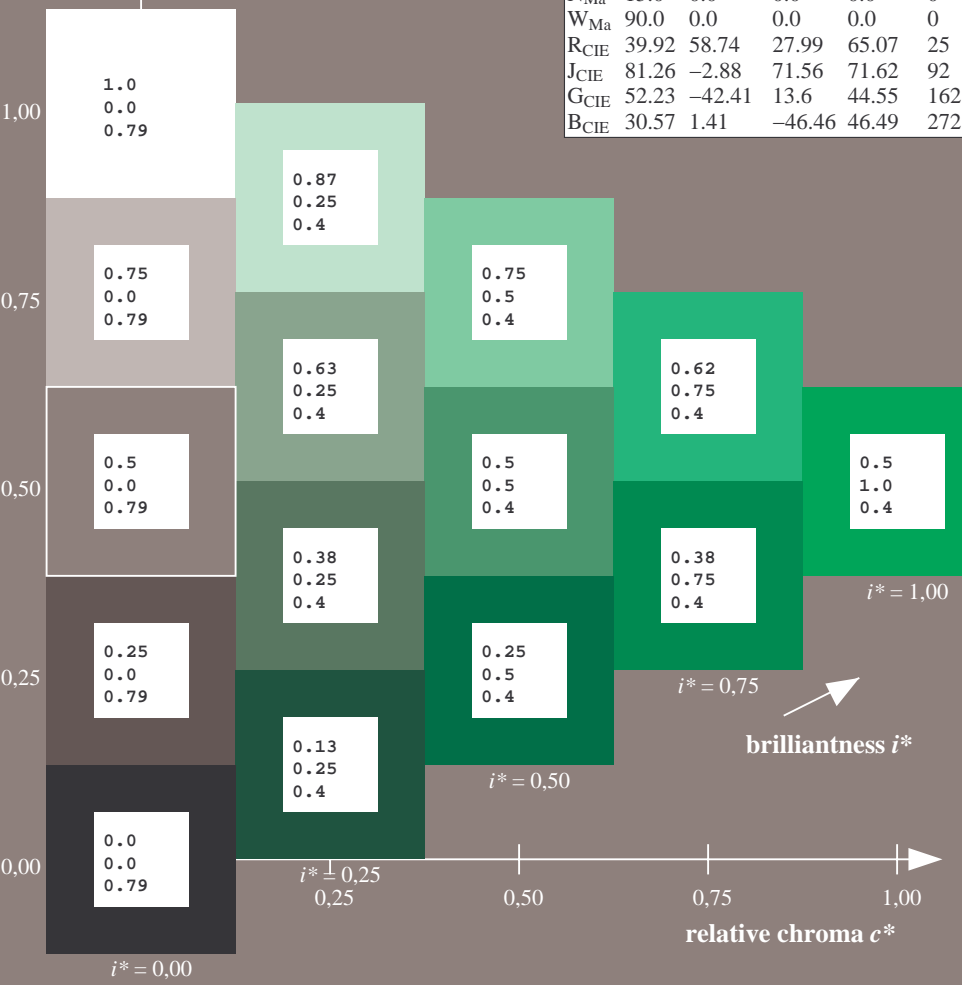
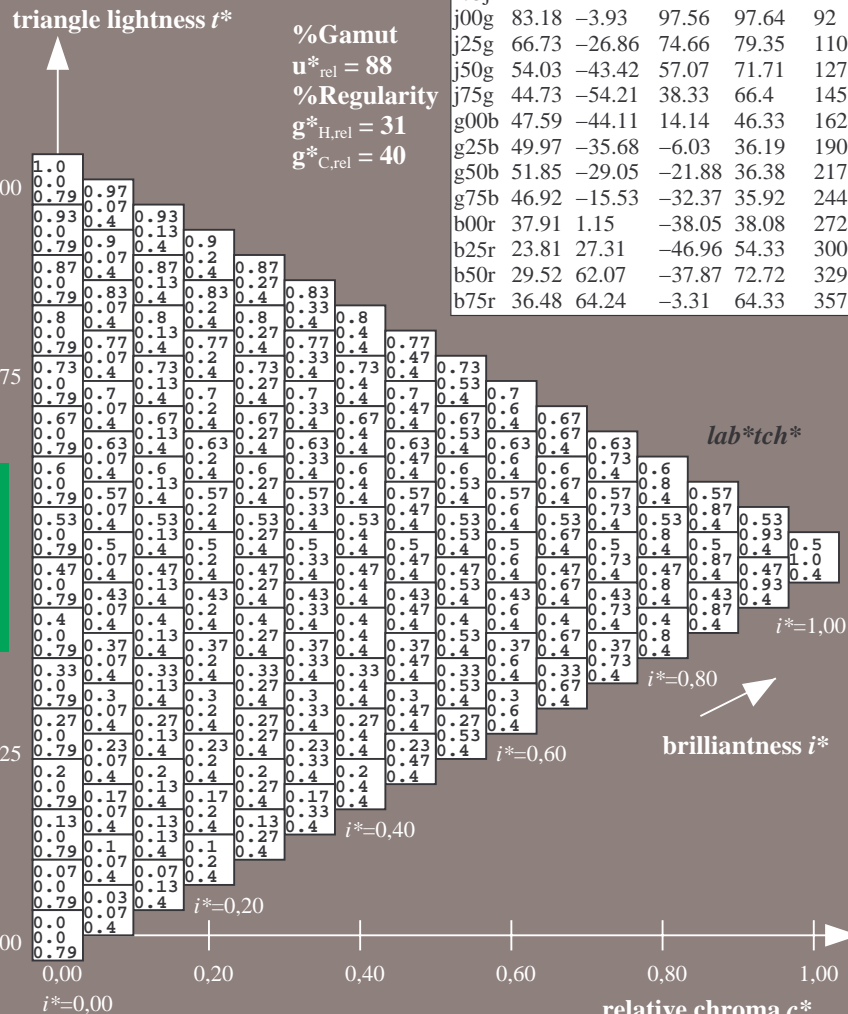
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -53 38
 $LAB^*LCH^*_{Ma}$: 45 66 145
 $lab^*rgb^*_{Ma}$: 0.25 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.07

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

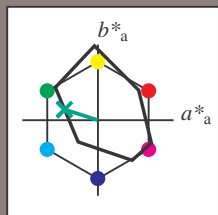


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g00b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

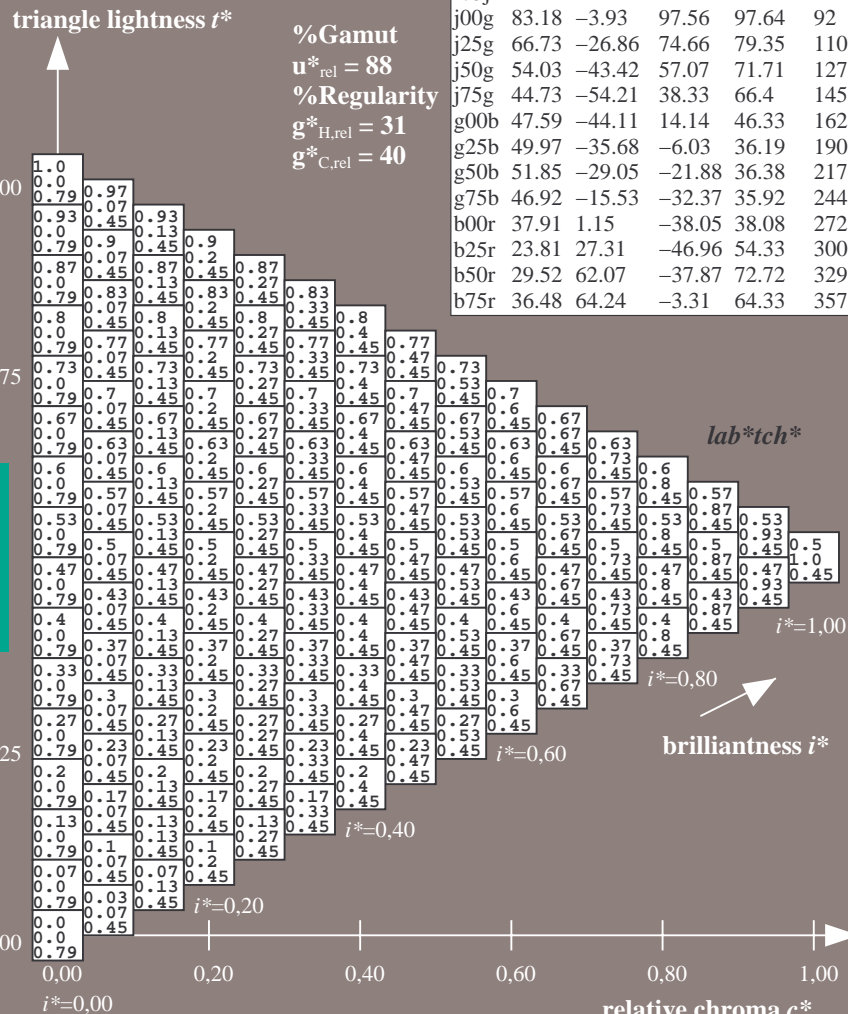
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -43 14
 $LAB^*LCH^*_{Ma}$: 48 46 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.41

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

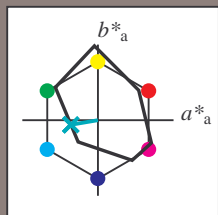


BAM registration: 20080701-De97/10L/L97E00NP.PS/.PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g25b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

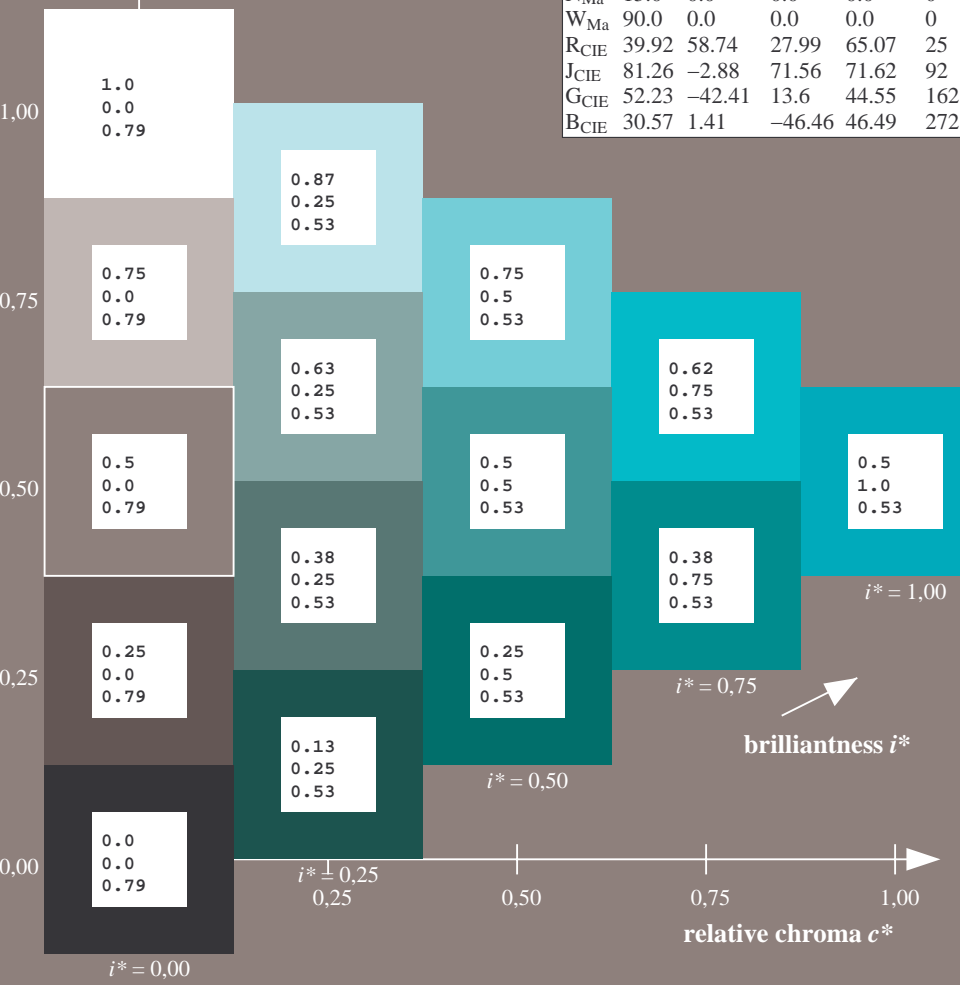
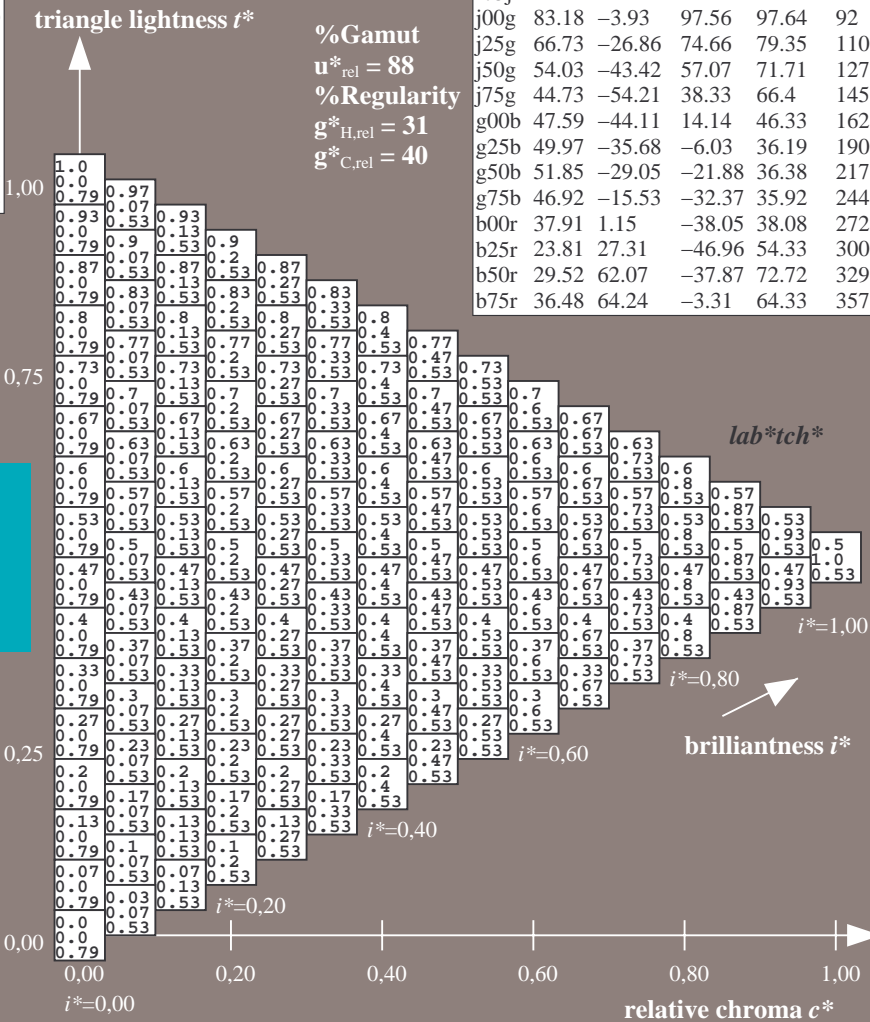
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -35 -5
 $LAB^*LCH^*_{Ma}$: 50 36 190
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.69

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

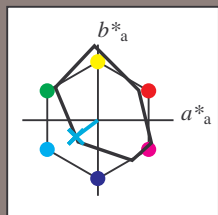


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

See for similar files: <http://www.ps.bam.de/De97/>;
<http://www.ps.bam.de/De97/Version2.1,io=1,1,Colspx=0>

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g50b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



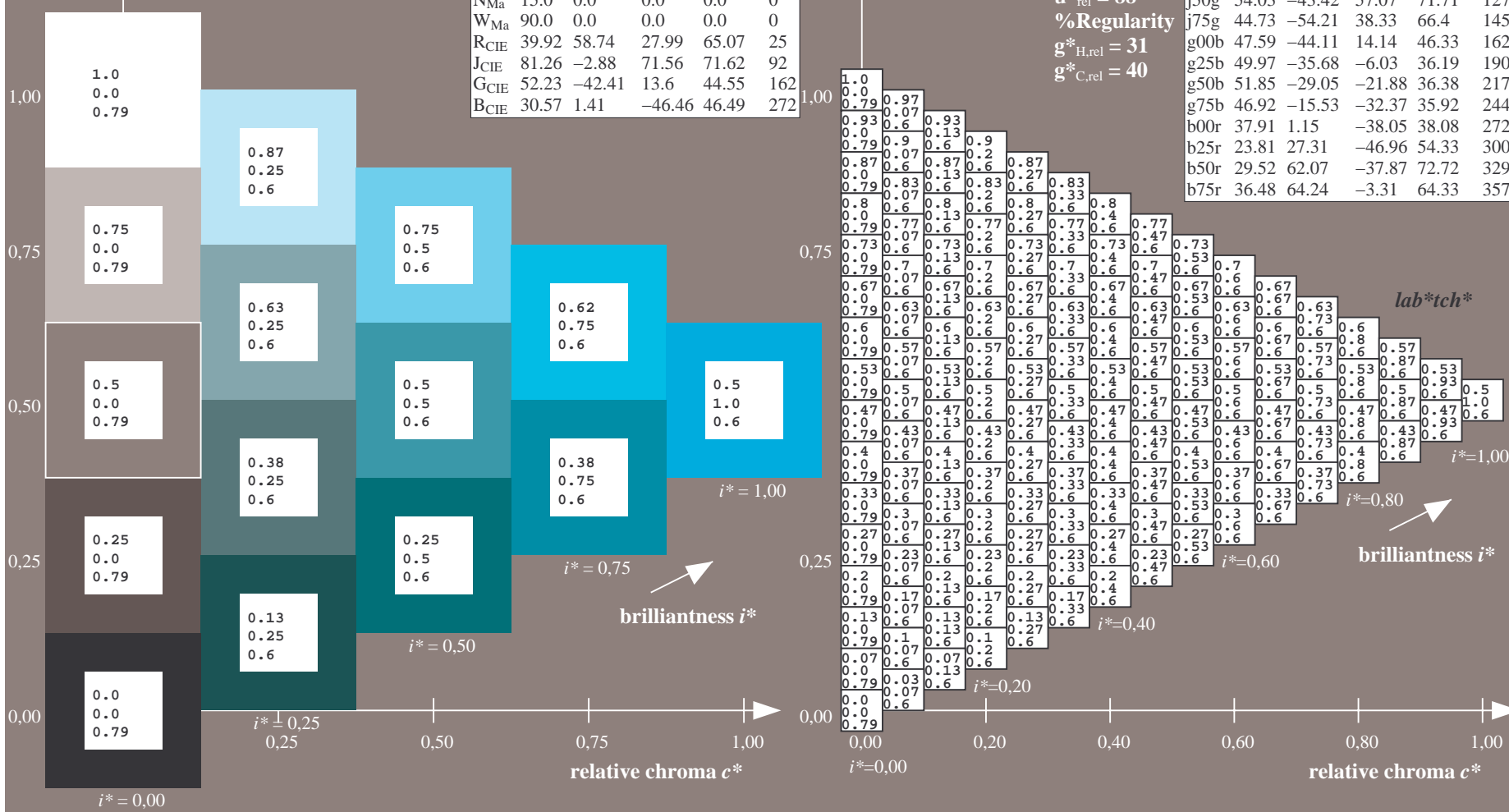
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -28 -21
 $LAB^*LCH^*_{Ma}$: 52 36 217
 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.9

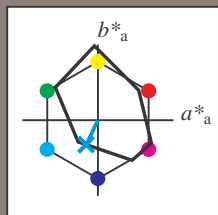
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g75b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



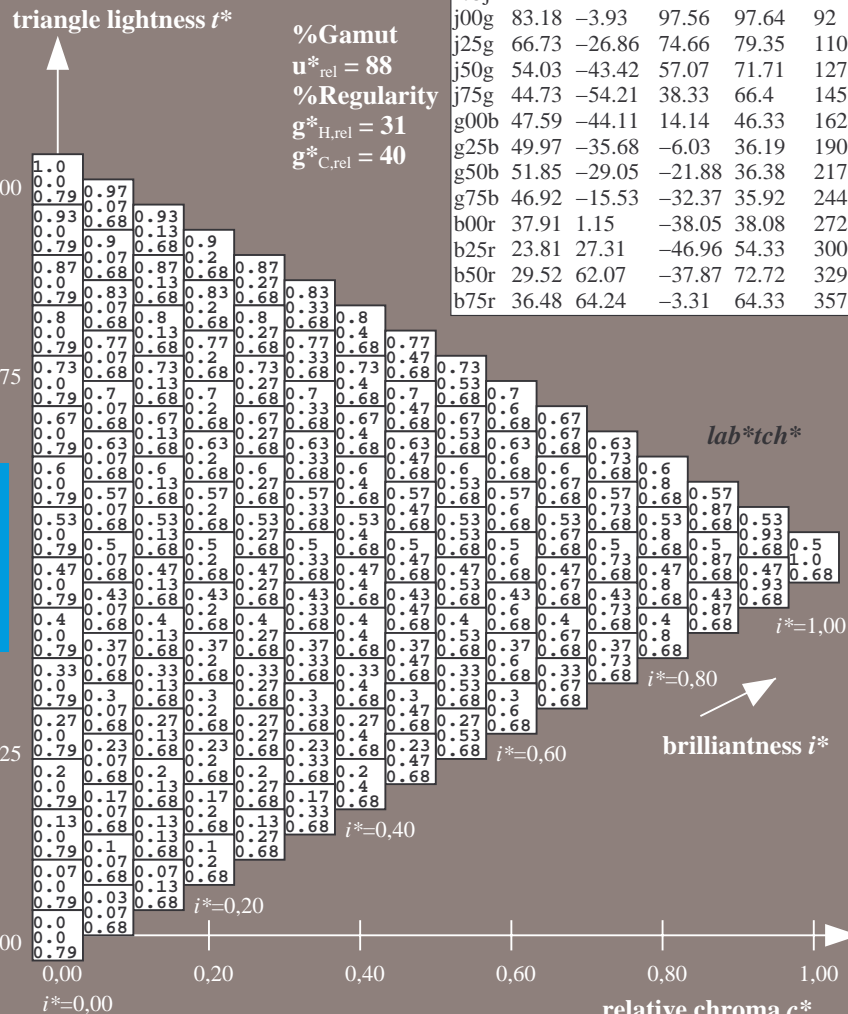
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -15 -31
 $LAB^*LCH^*_{Ma}$: 47 36 244
 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.85 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
r25j	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

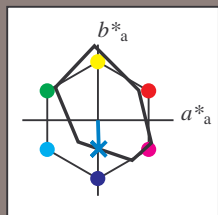


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b00r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

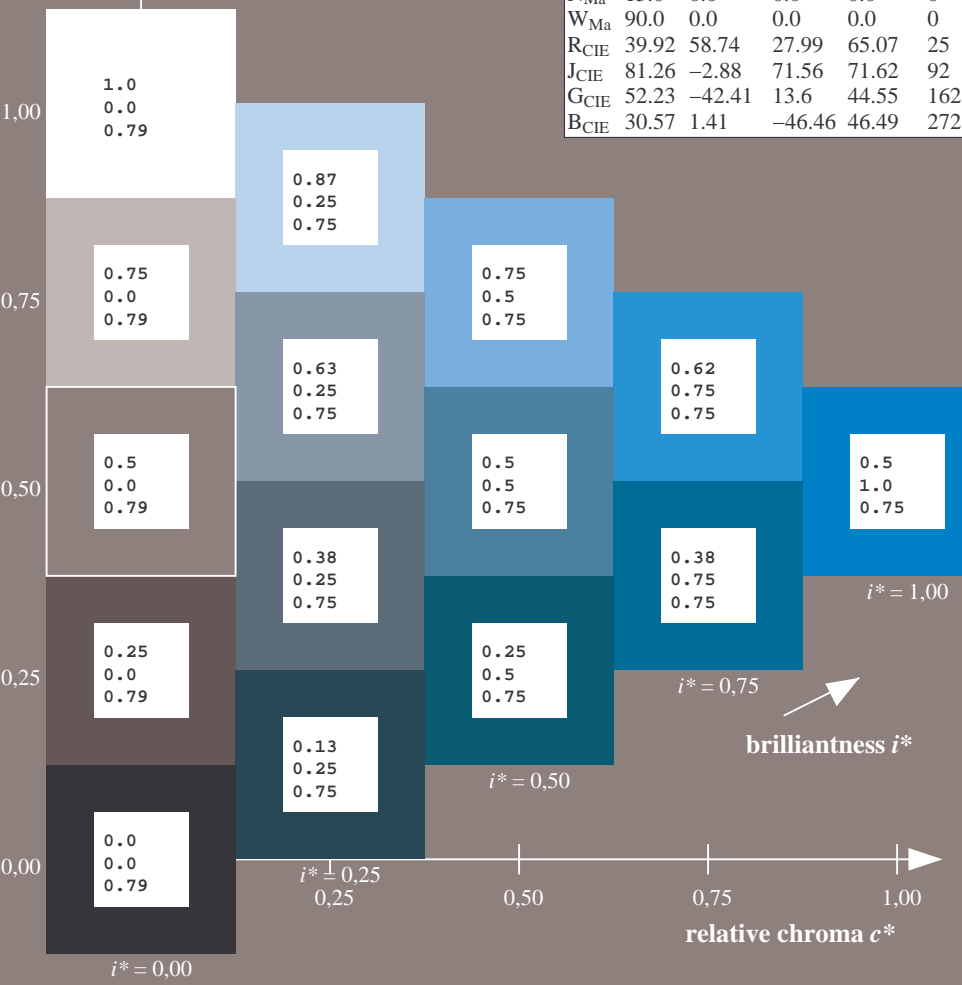
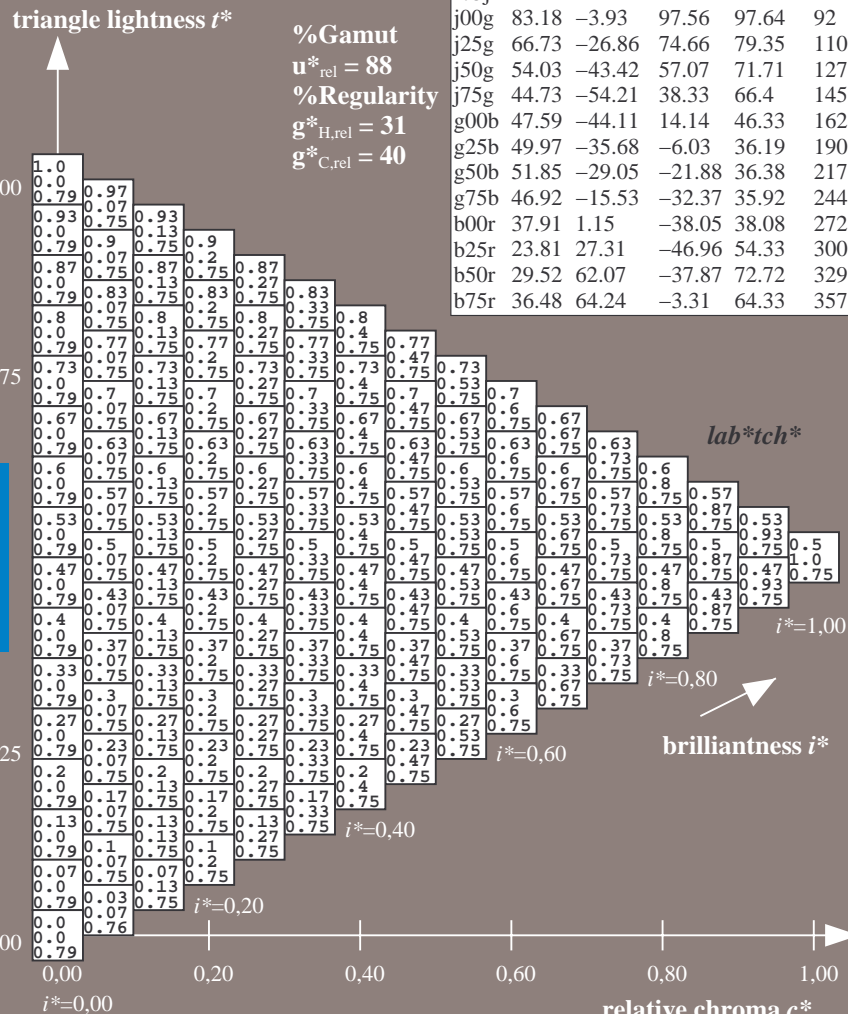
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -37
 $LAB^*LCH^*_{Ma}$: 38 38 272
 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.62 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

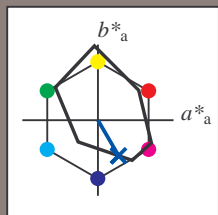


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b25r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

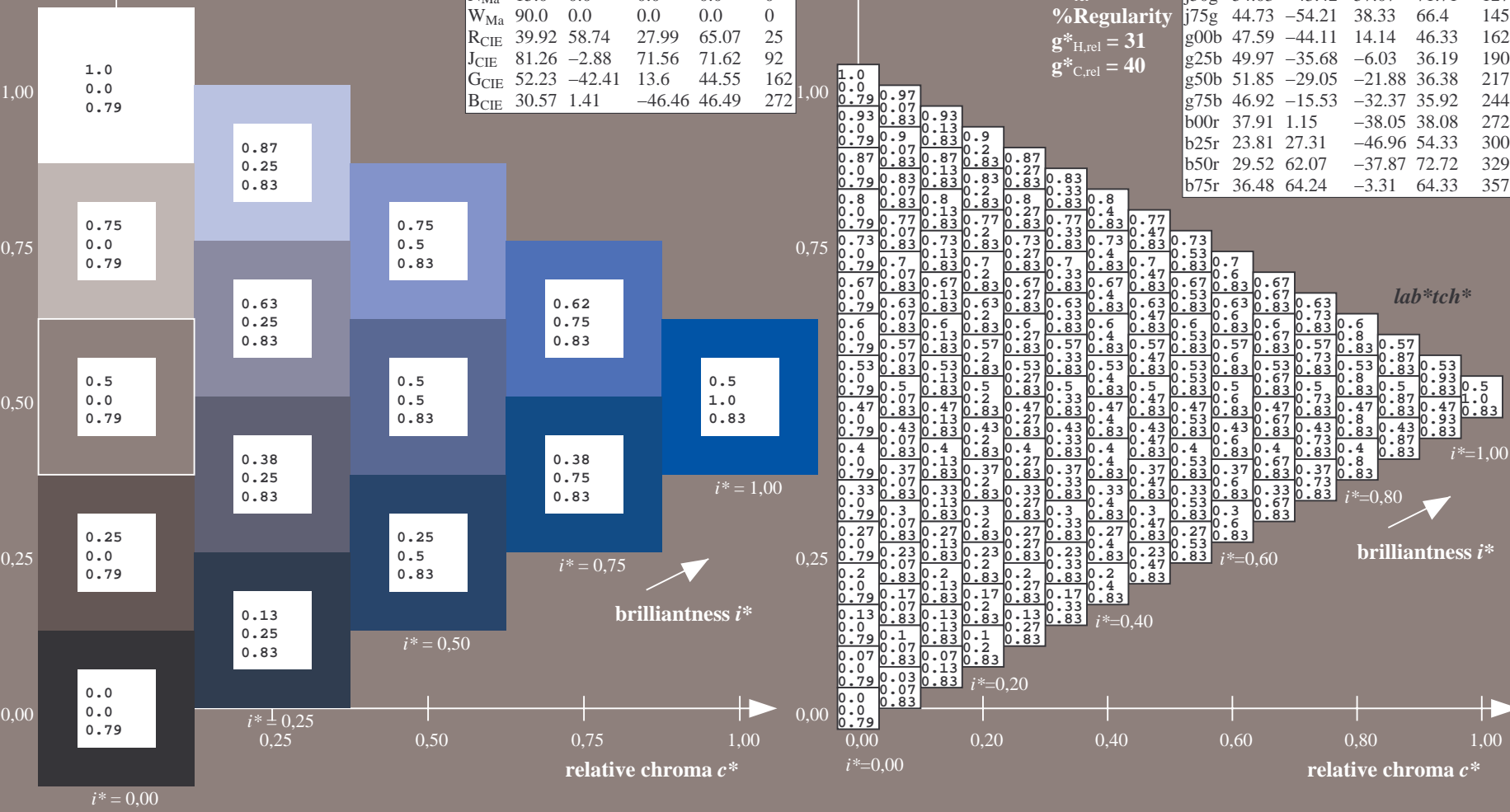
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 27 -46
 $LAB^*LCH^*_{Ma}$: 24 54 300
 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.25 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

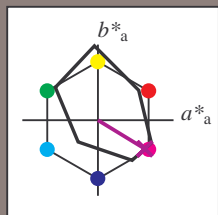


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b50r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

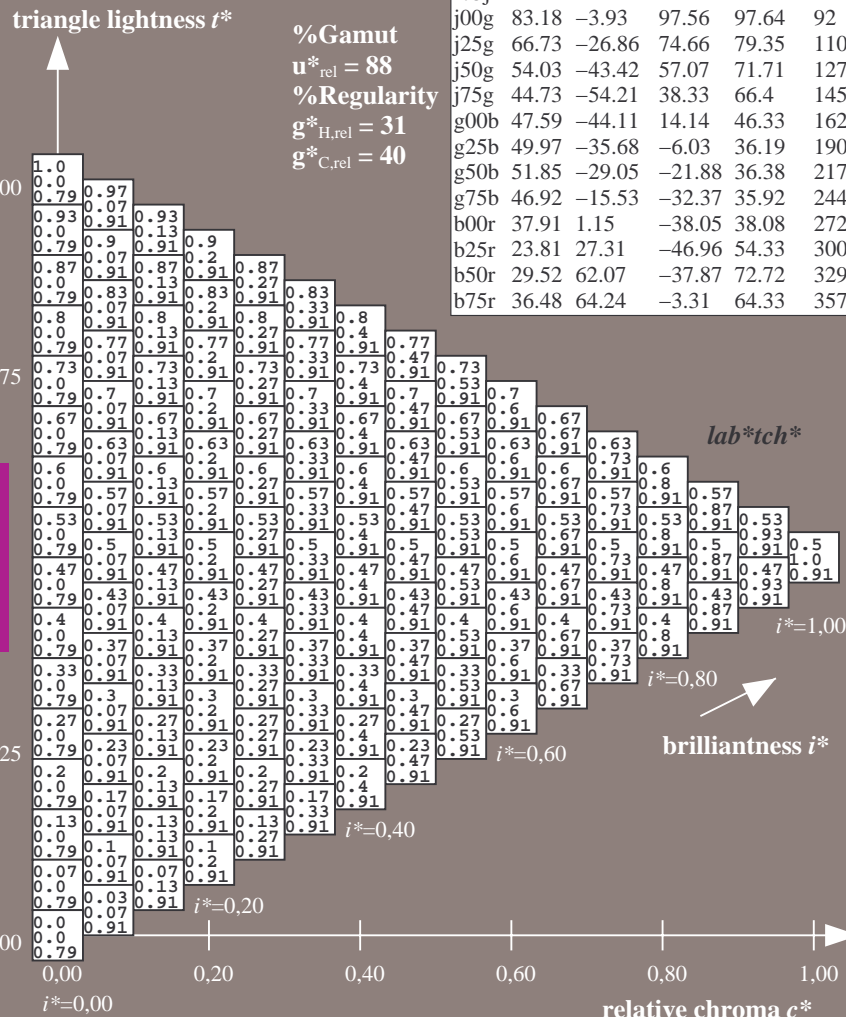
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 62 -37
 $LAB^*LCH^*_{Ma}$: 30 73 329
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.66 0.0 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

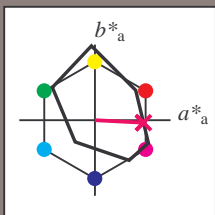


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b75r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



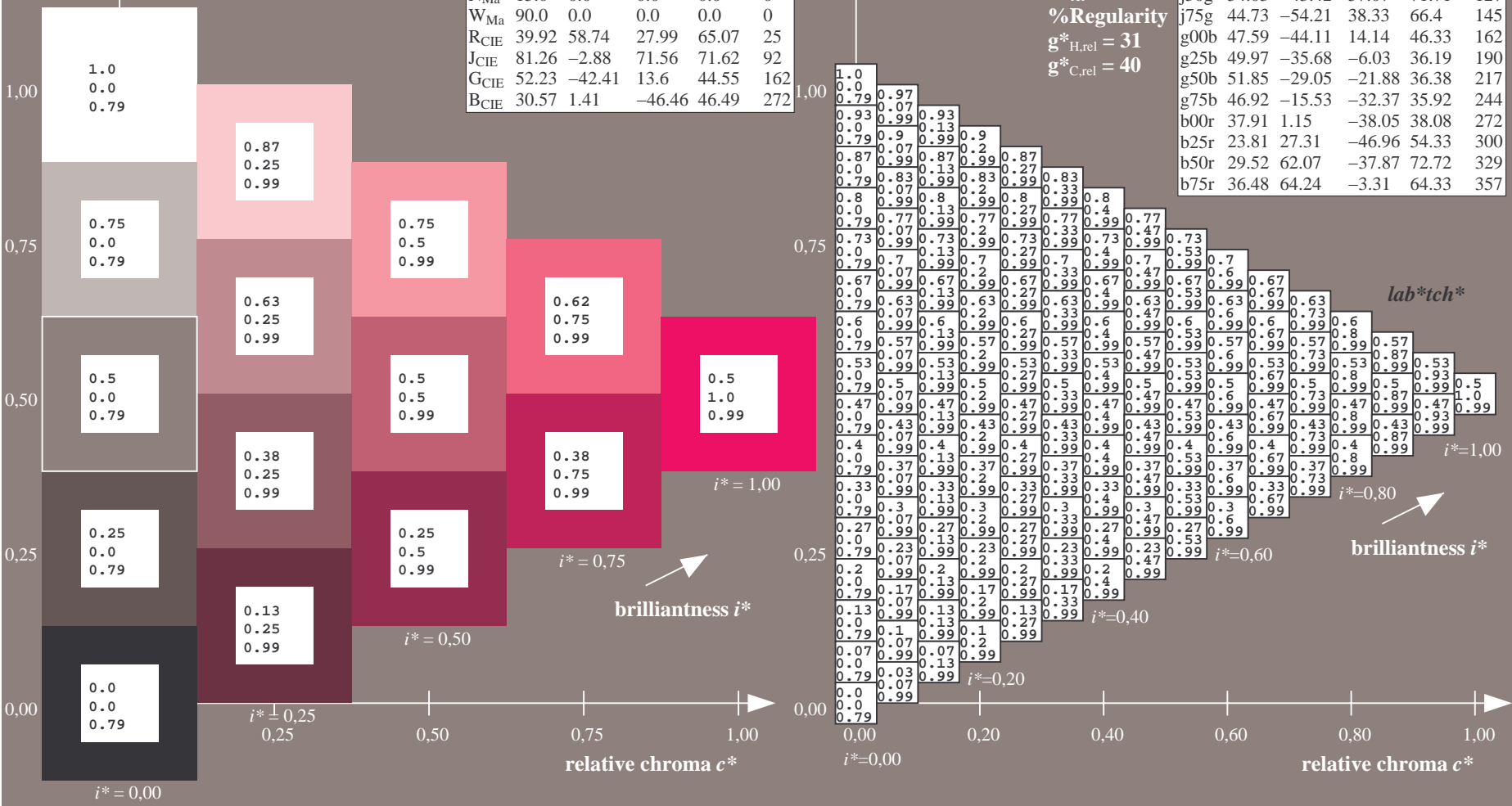
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 64 -2
 $LAB^*LCH^*_{Ma}$: 36 64 357
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.62

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

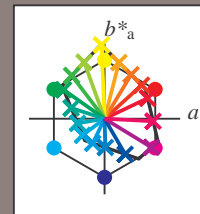


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

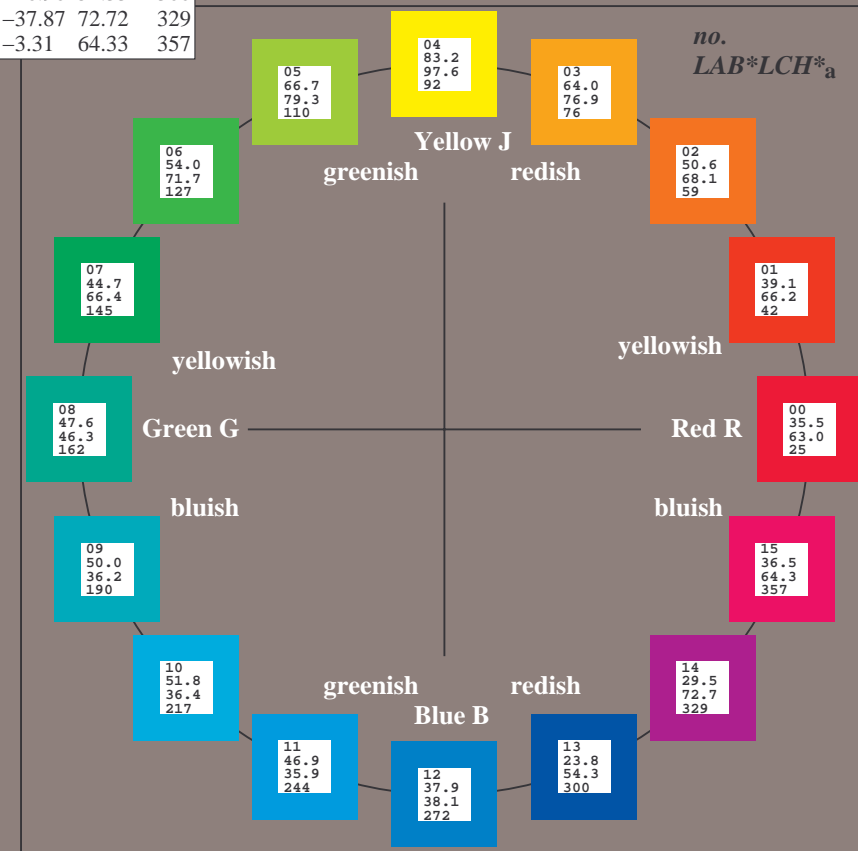
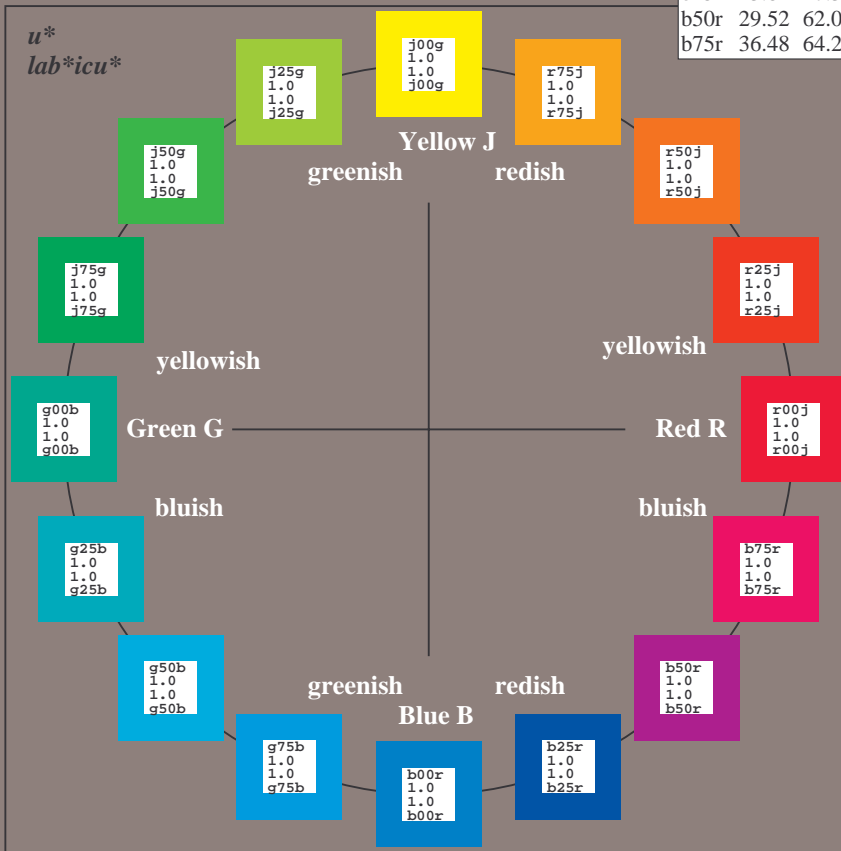
Input and output:
 Colorimetric Printer Reflective System FRS15_90a
 data for any colour:
lab^{ich}** and *lab*^{icu}**
 elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
 contrast reduction factor:
 $c_R = 0.9$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

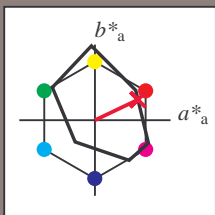


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r00j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

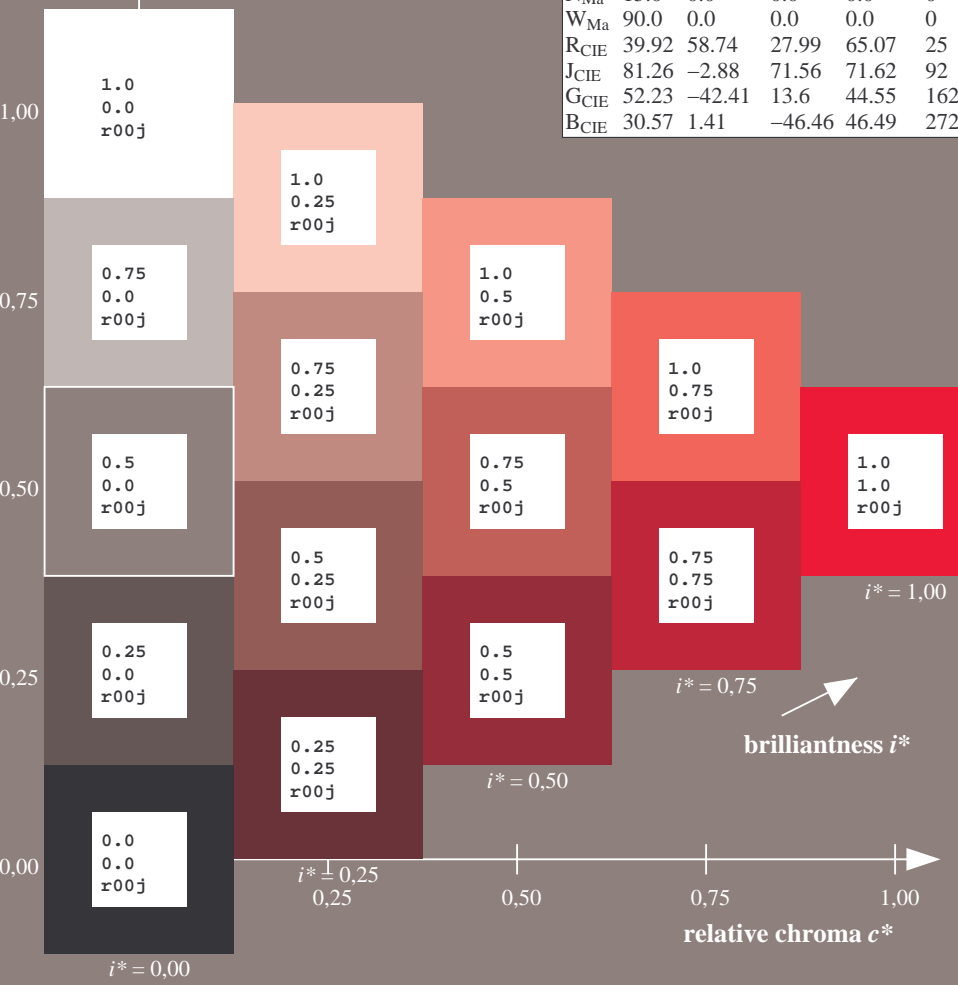
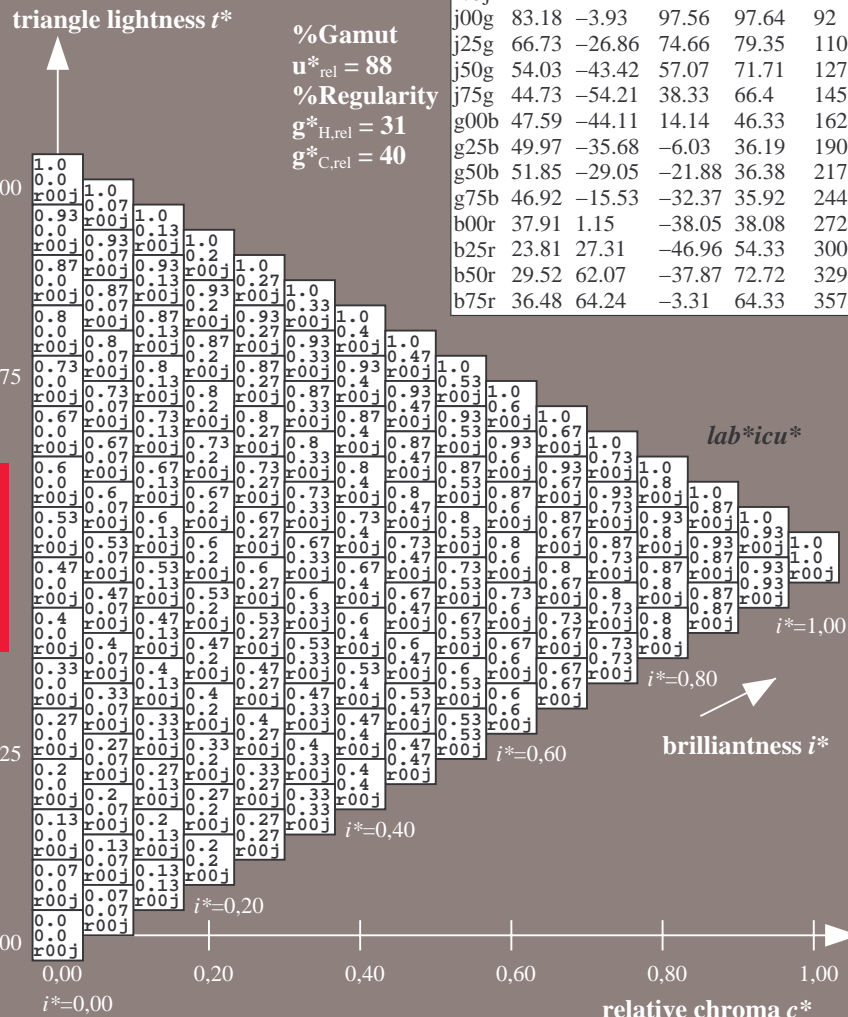
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 57 27
 $LAB^*LCH^*_{Ma}$: 35 63 25
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.18

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

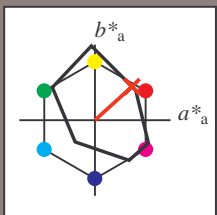


See for similar files: <http://www.ps.bam.de/De97/>; <http://www.ps.bam.de/De97/10L/L97E00NP.PS/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r25j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

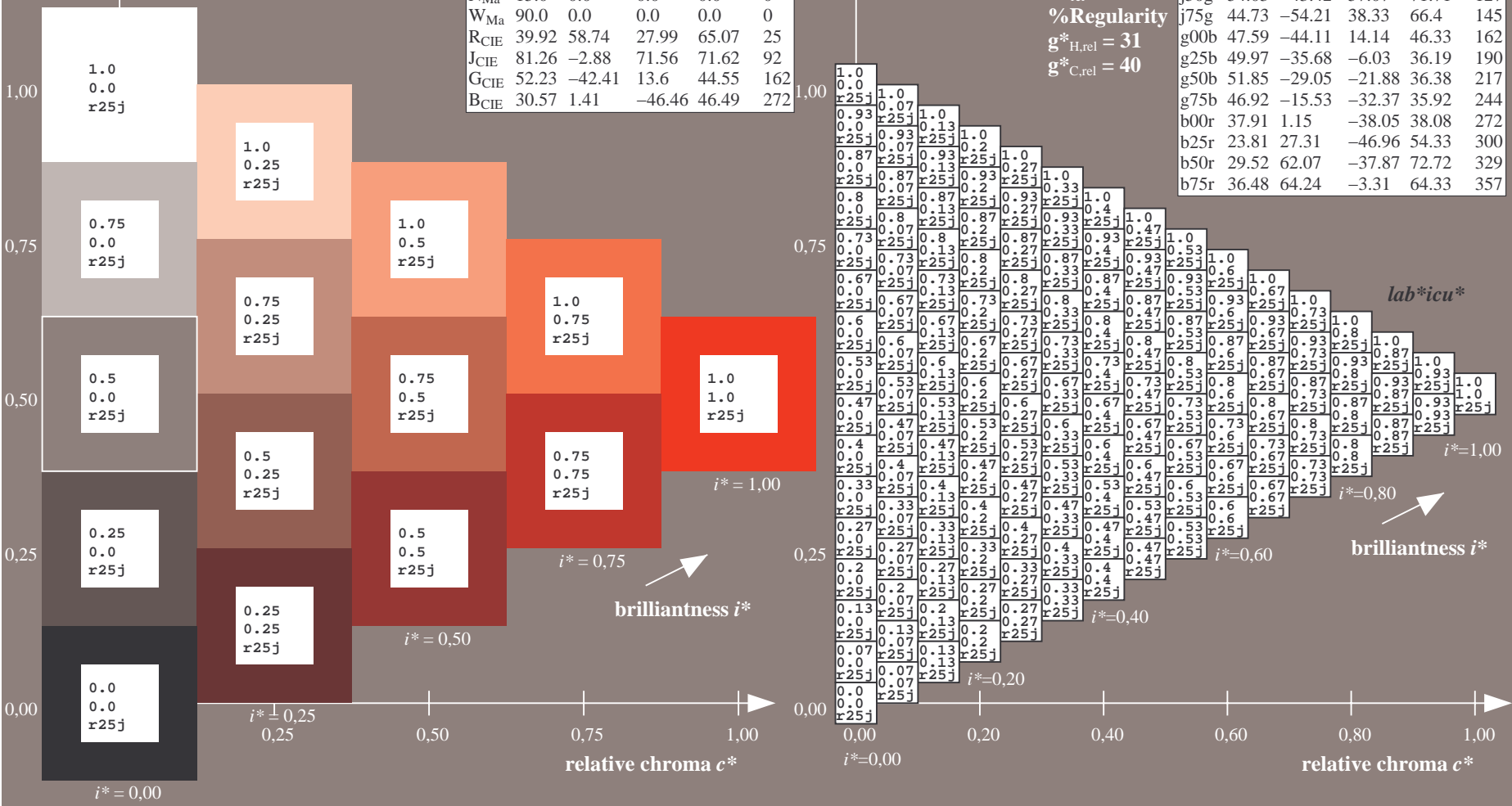
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

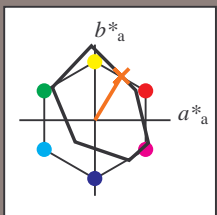


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r50j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



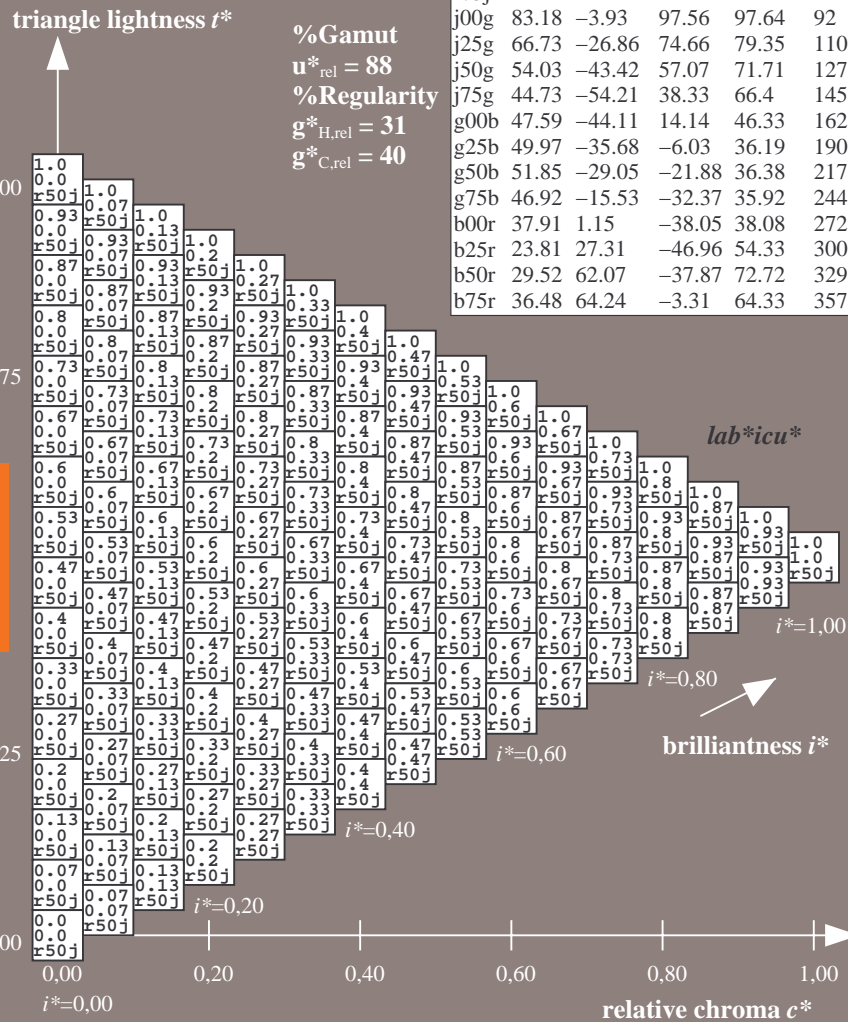
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (M_a):

$LAB^*LAB^*_{Ma}$: 51 35 58
 $LAB^*LCH^*_{Ma}$: 51 68 59
 $lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.32 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

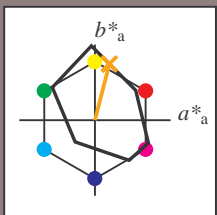


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r75j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

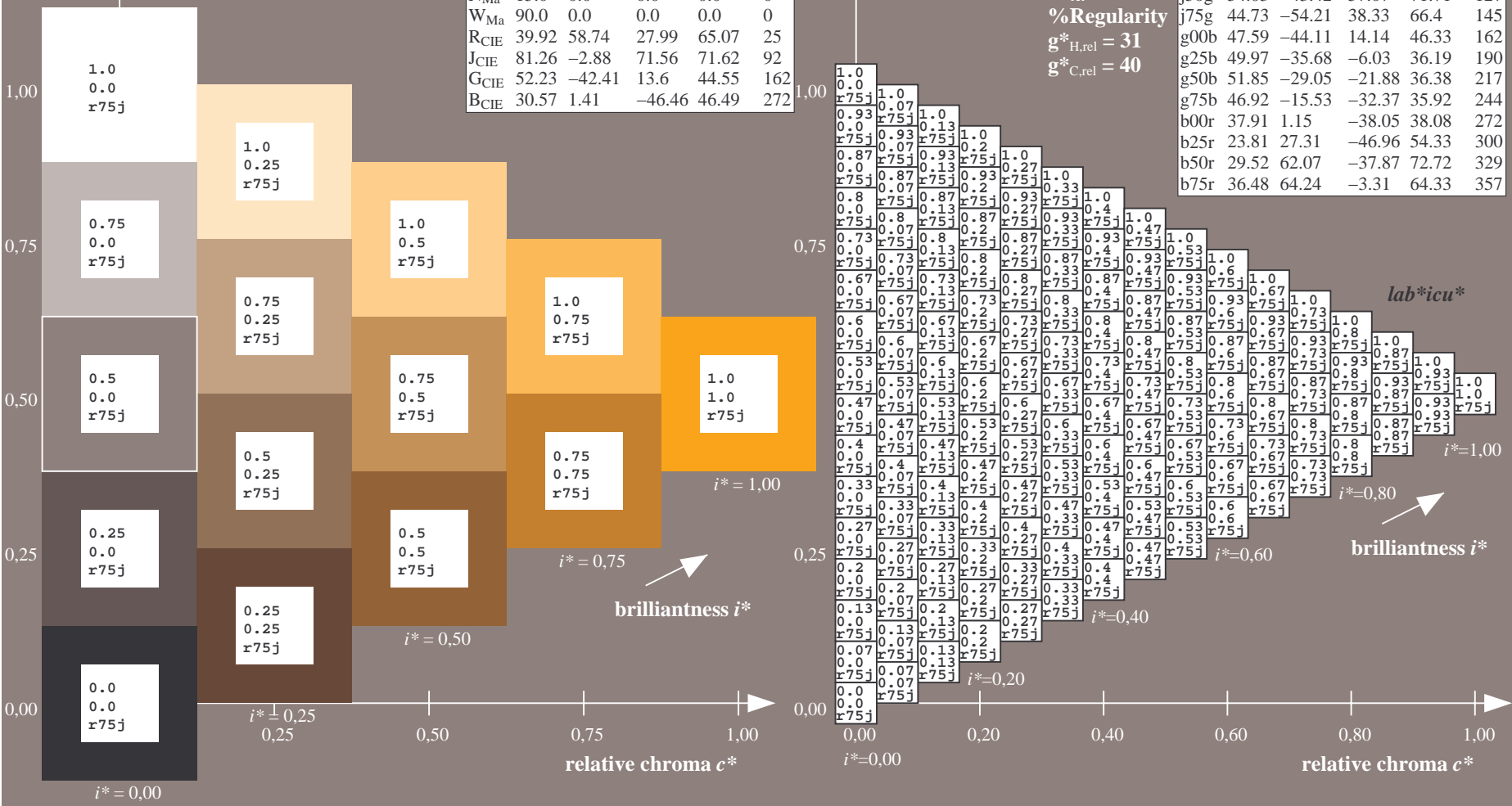
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

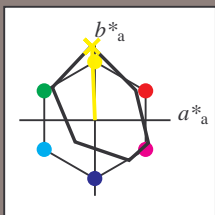


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/ .PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j00g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



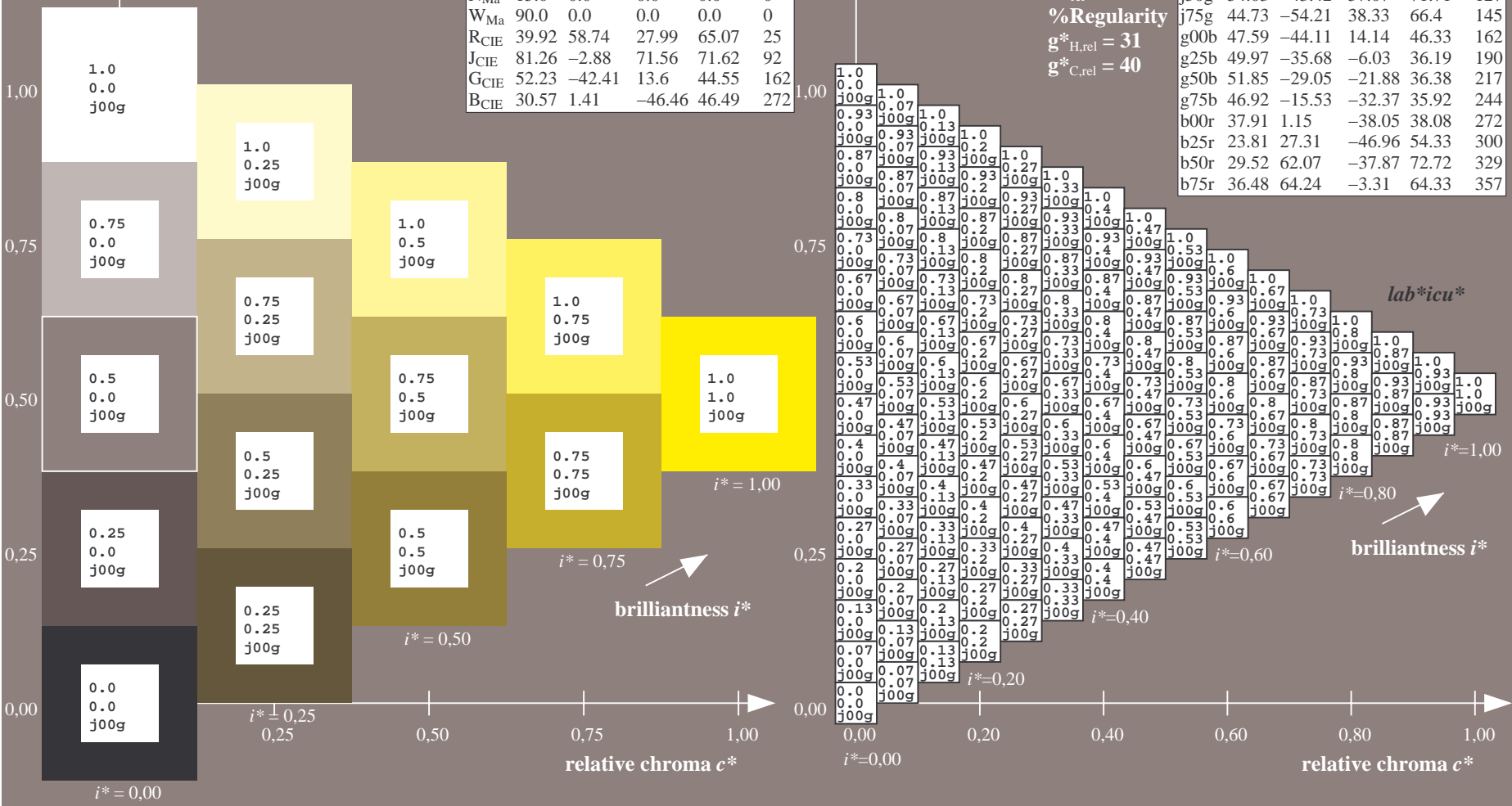
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

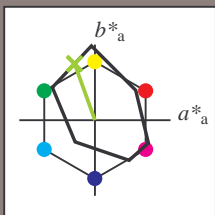
triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j25g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

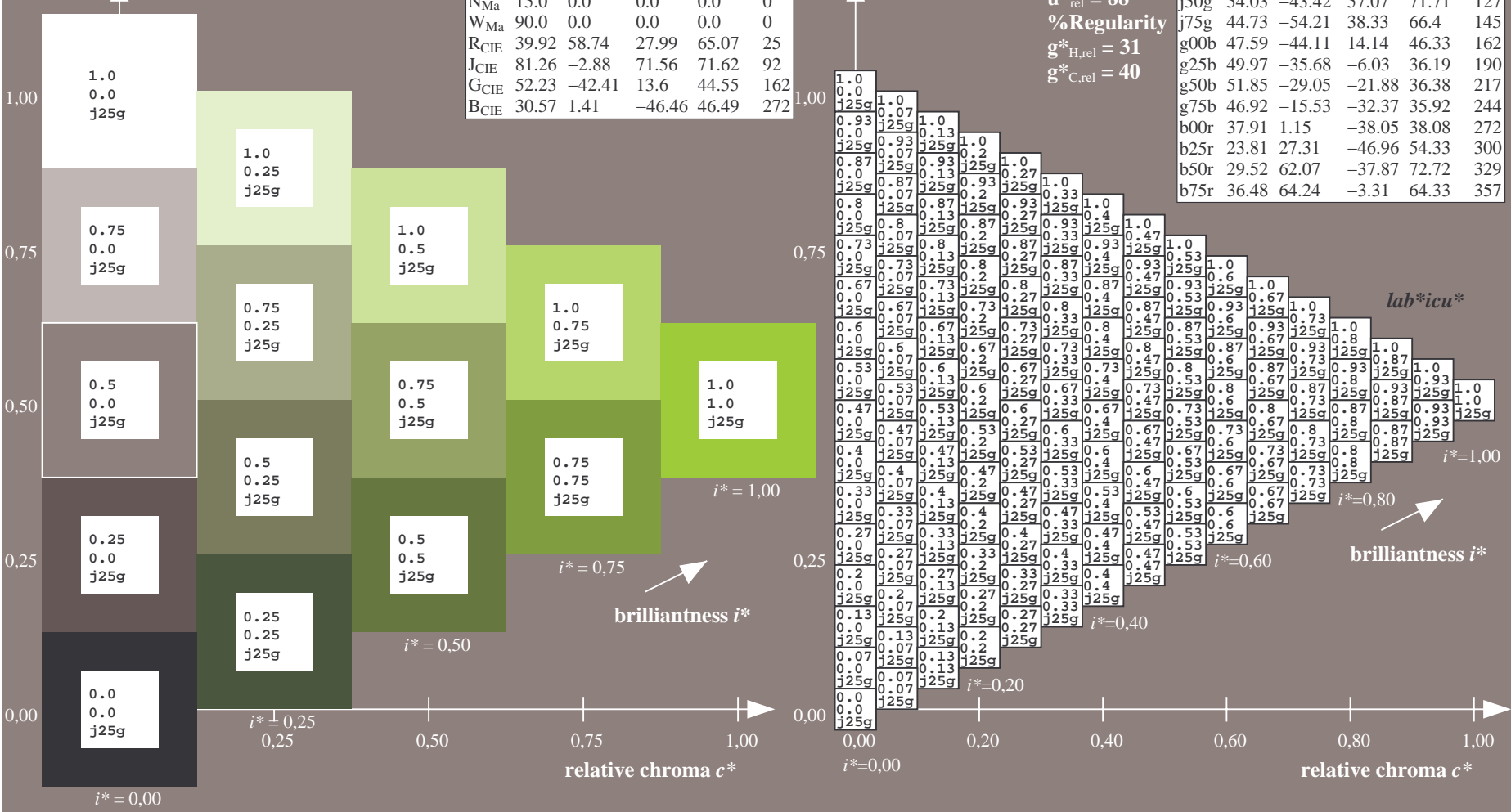
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -26 75
 $LAB^*LCH^*_{Ma}$: 67 79 110
 $lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.57 1.0 0.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

lab^*tch^* and lab^*icu^*

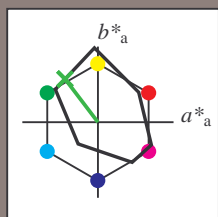
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -42 57

$LAB^*LCH^*_{Ma}$: 54 72 127

$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

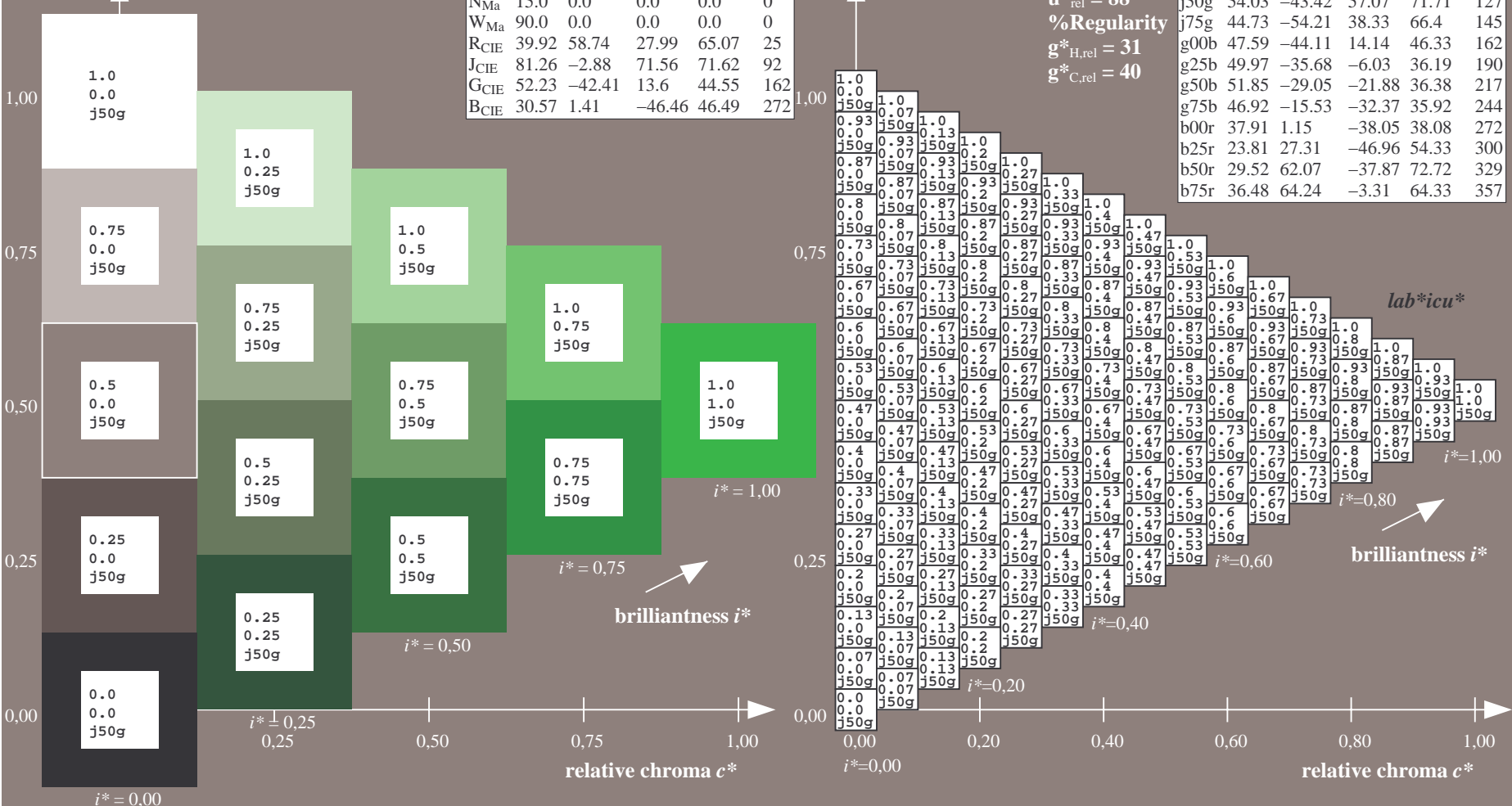
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

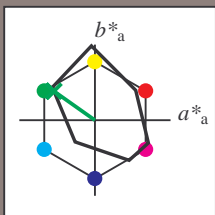


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j75g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



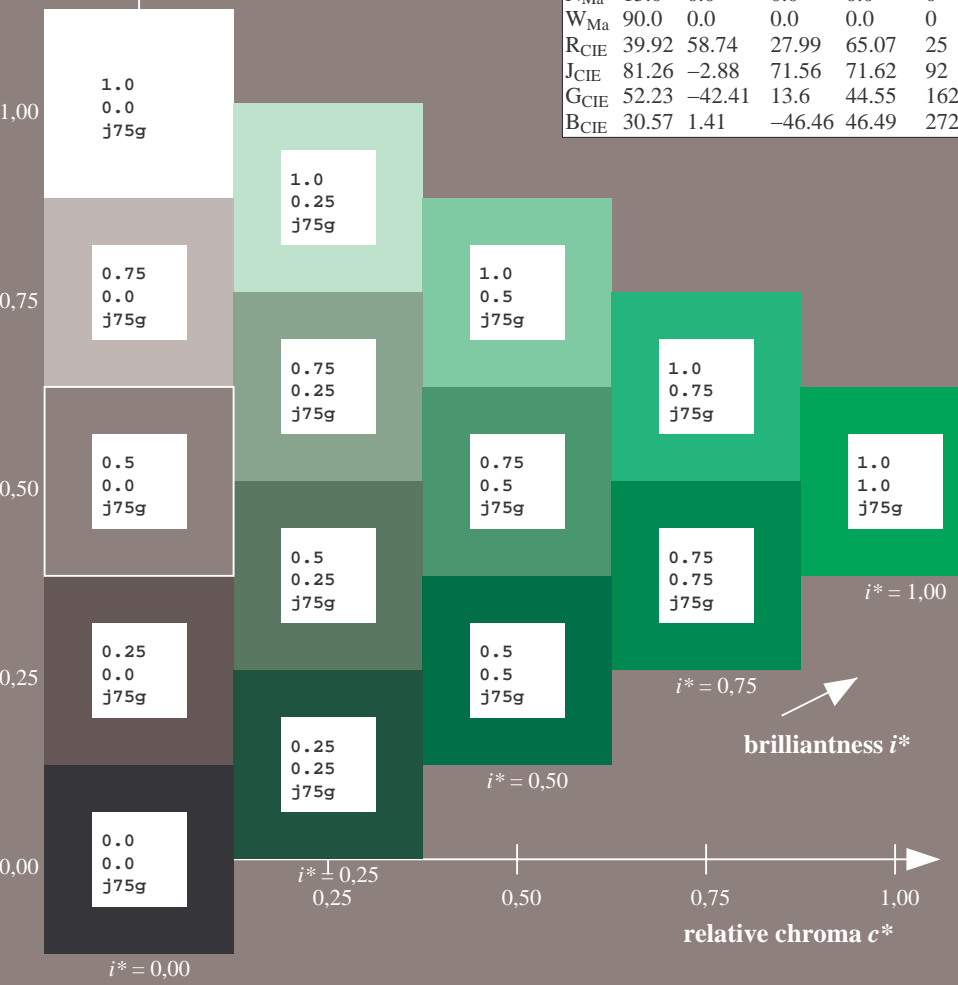
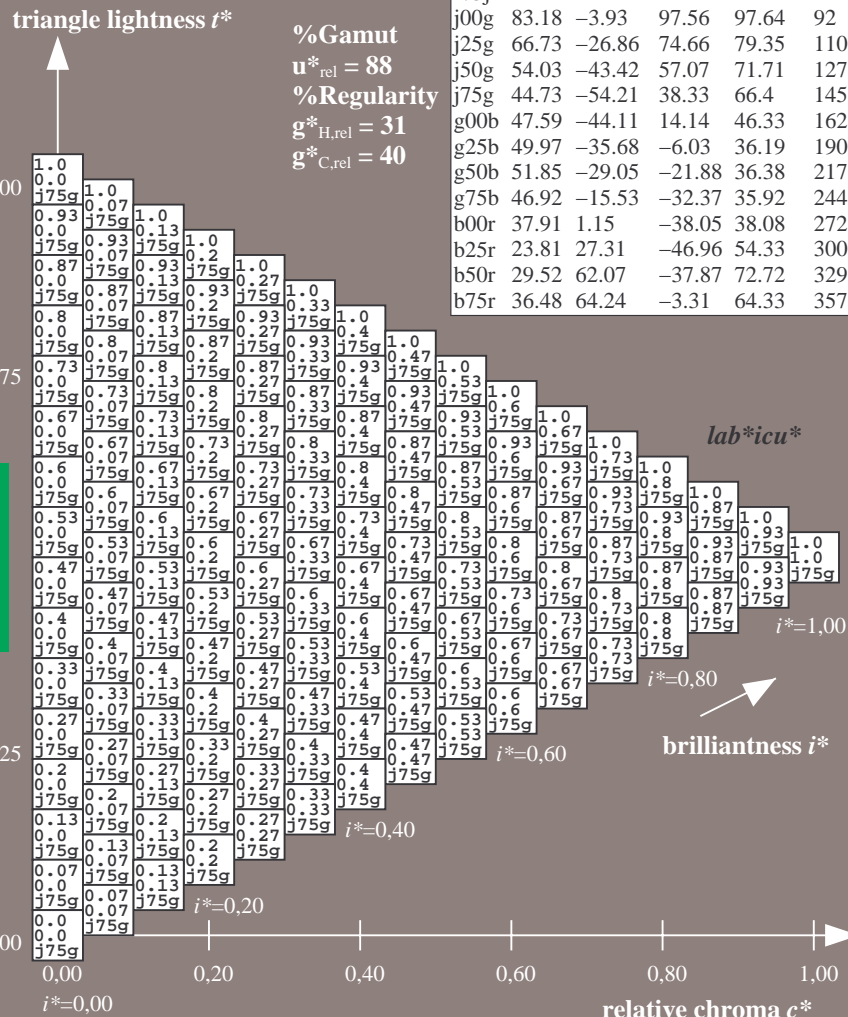
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -53 38
 $LAB^*LCH^*_{Ma}$: 45 66 145
 $lab^*rgb^*_{Ma}$: 0.25 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.07

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

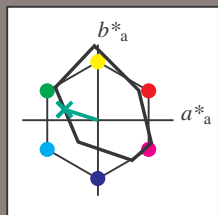


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g00b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

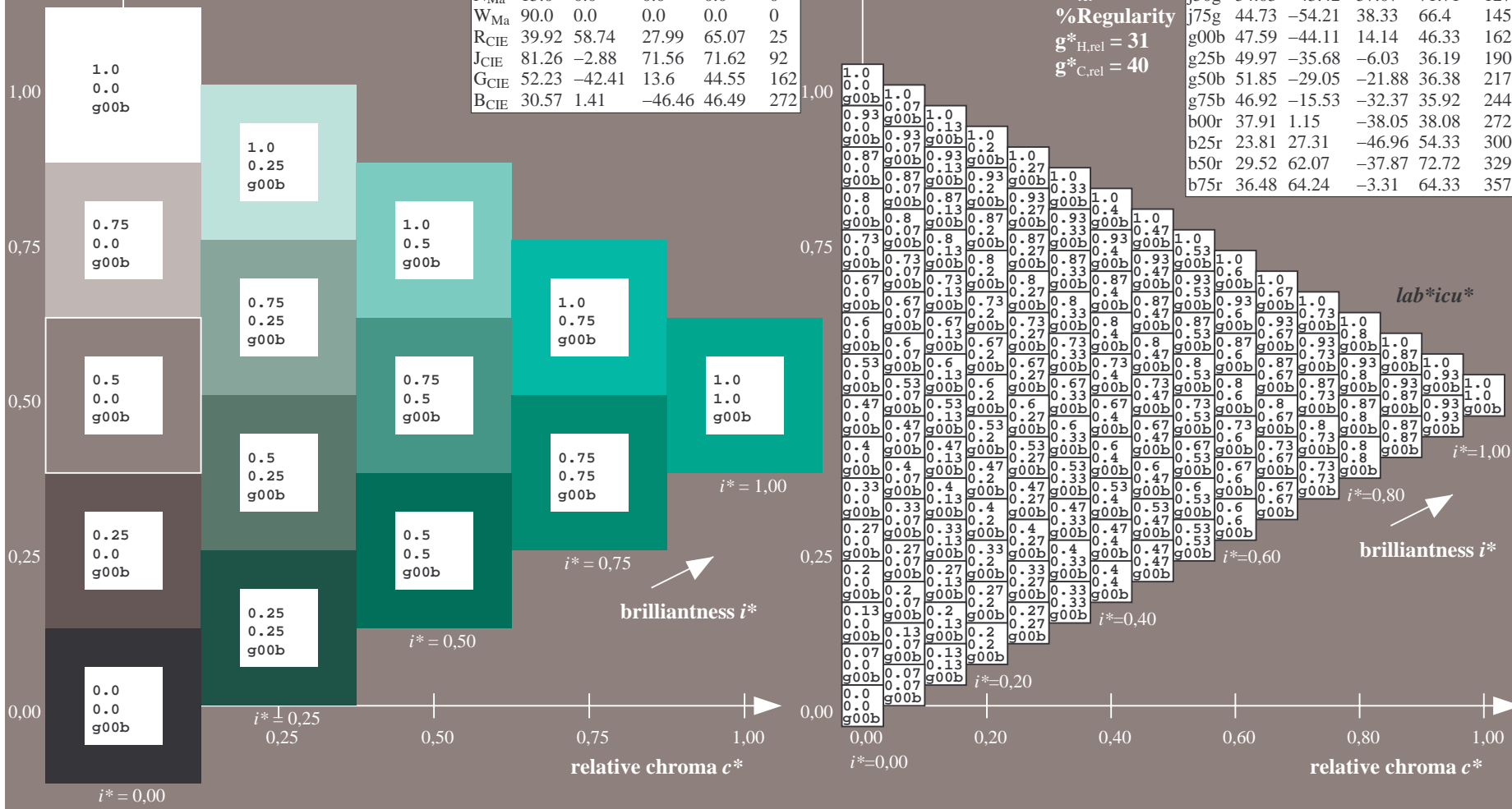
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -43 14
 $LAB^*LCH^*_{Ma}$: 48 46 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.41

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

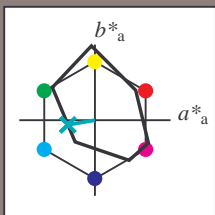


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/.PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g25b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

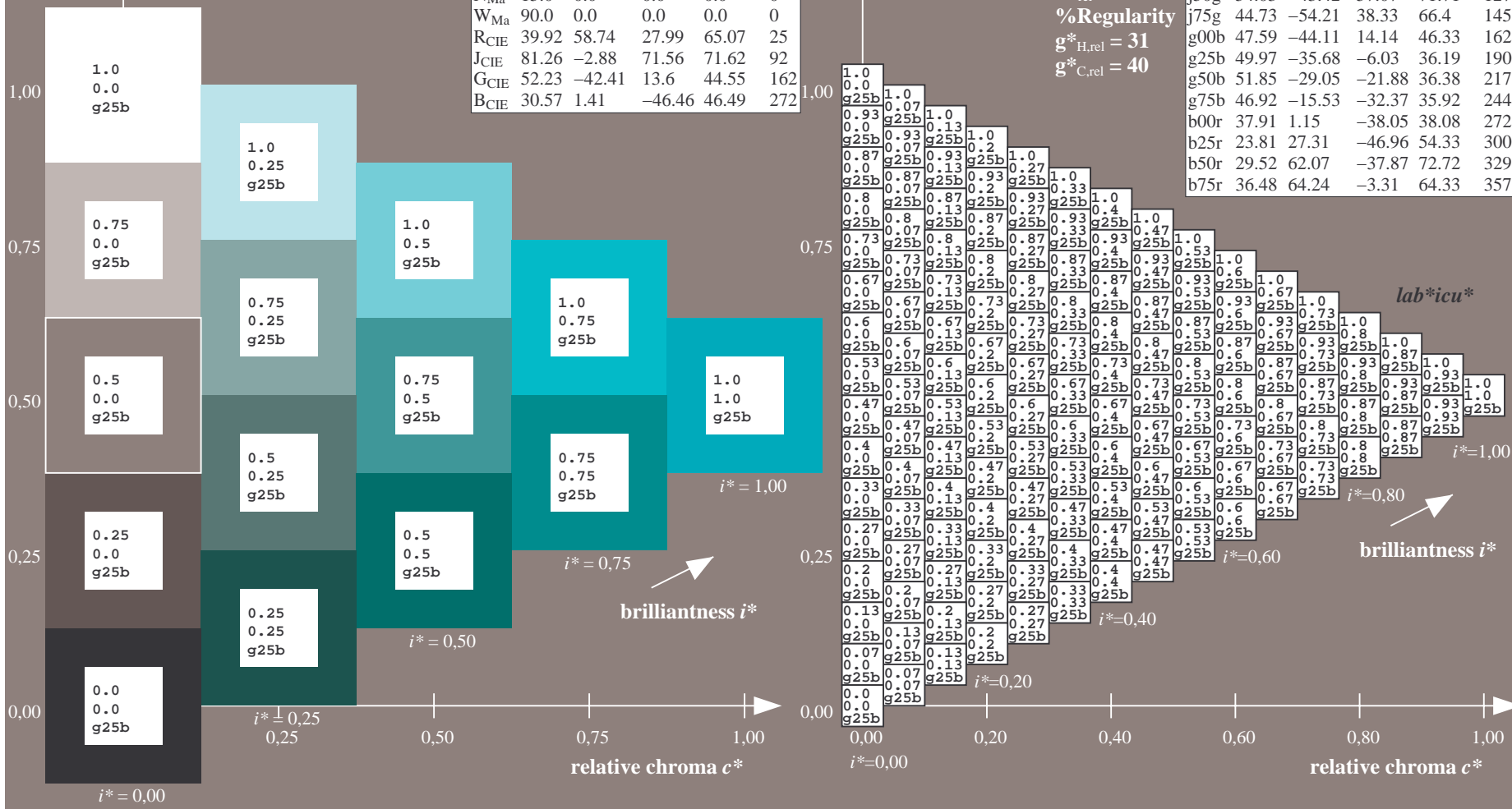
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -35 -5
 $LAB^*LCH^*_{Ma}$: 50 36 190
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.69

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

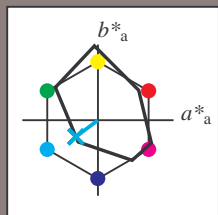


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g50b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



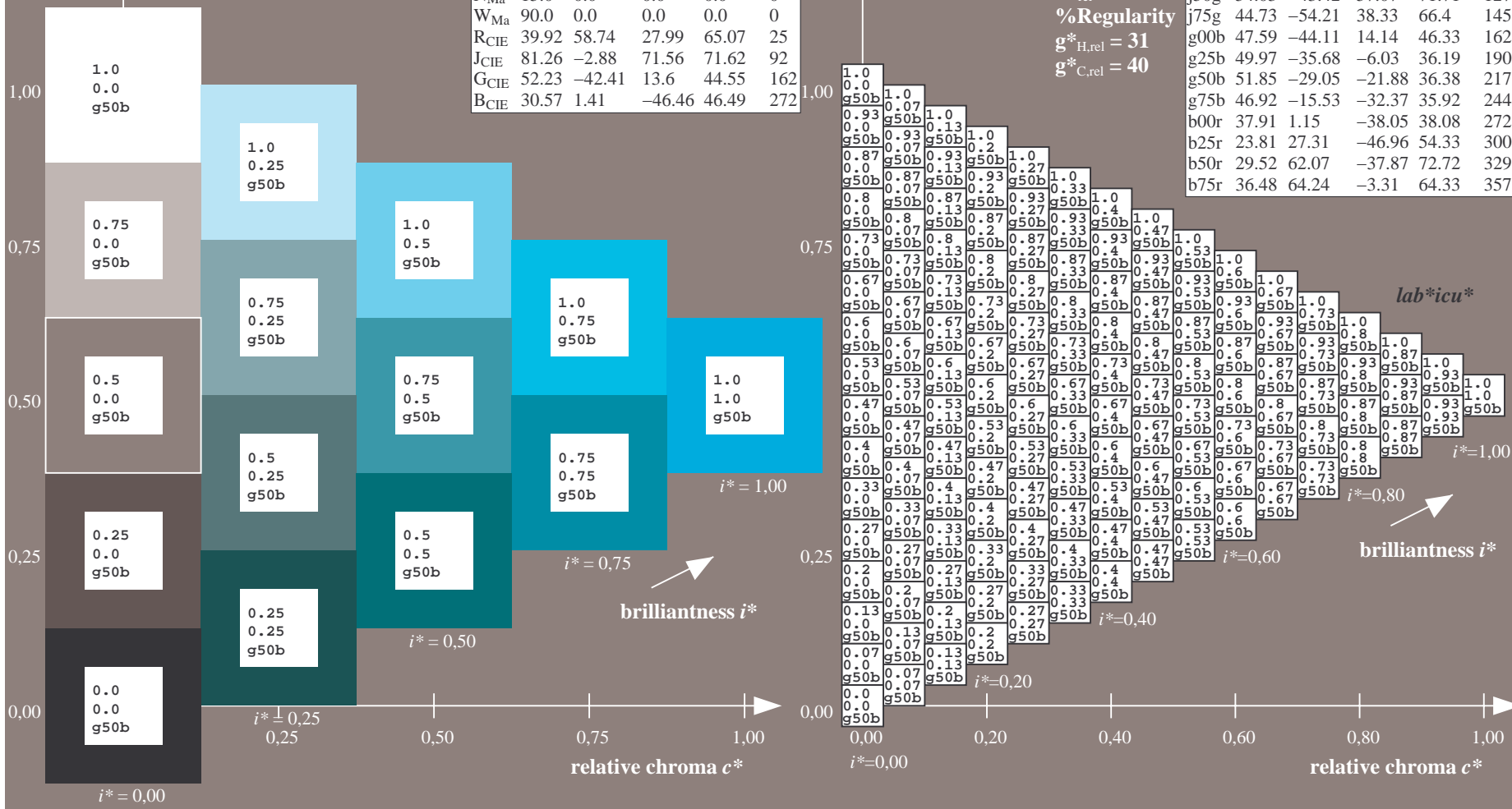
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -28 -21
 $LAB^*LCH^*_{Ma}$: 52 36 217
 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.9

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

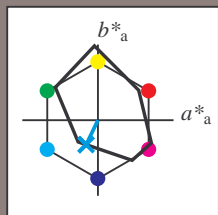
triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g75b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

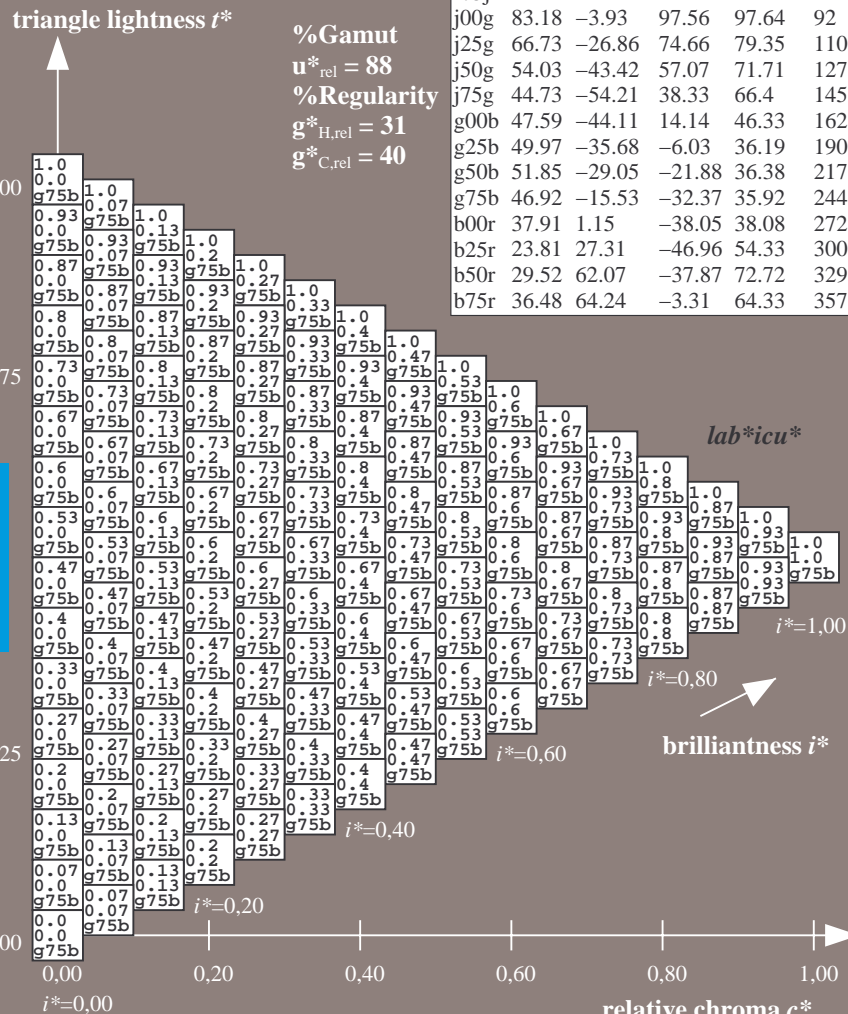
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -15 -31
 $LAB^*LCH^*_{Ma}$: 47 36 244
 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.85 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

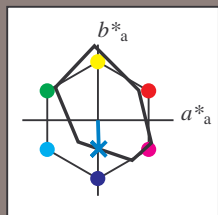


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/.PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b00r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

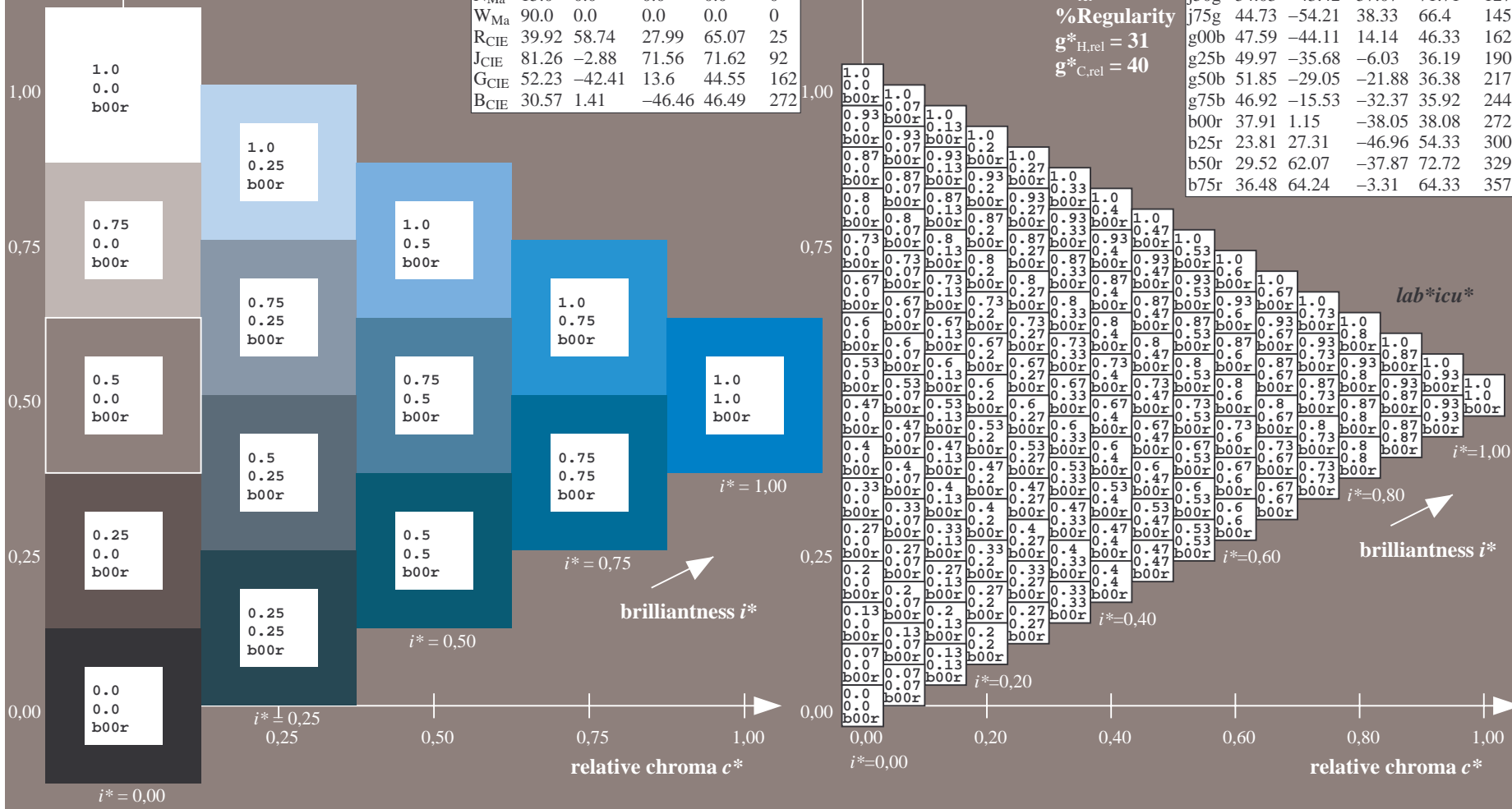
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -37
 $LAB^*LCH^*_{Ma}$: 38 38 272
 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.62 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

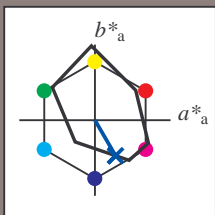
%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b25r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

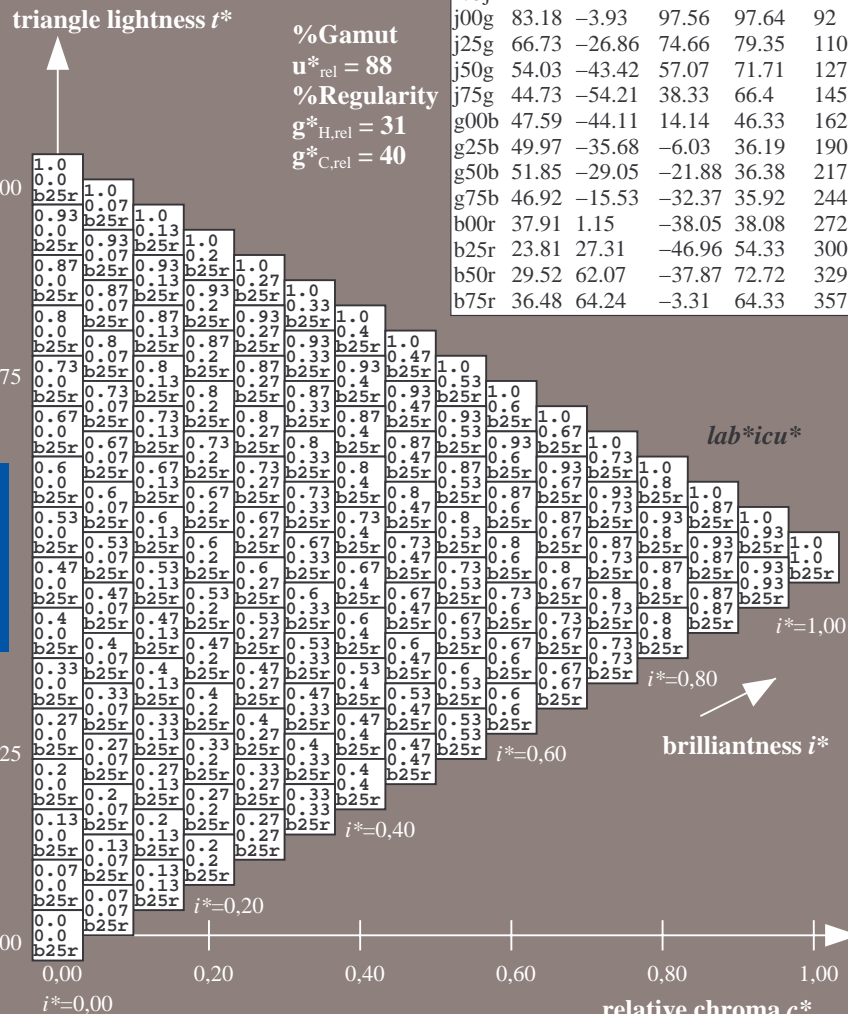
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 27 -46
 $LAB^*LCH^*_{Ma}$: 24 54 300
 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.25 1.0

FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

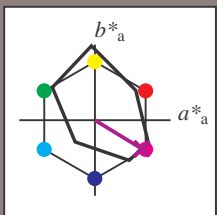


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b50r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



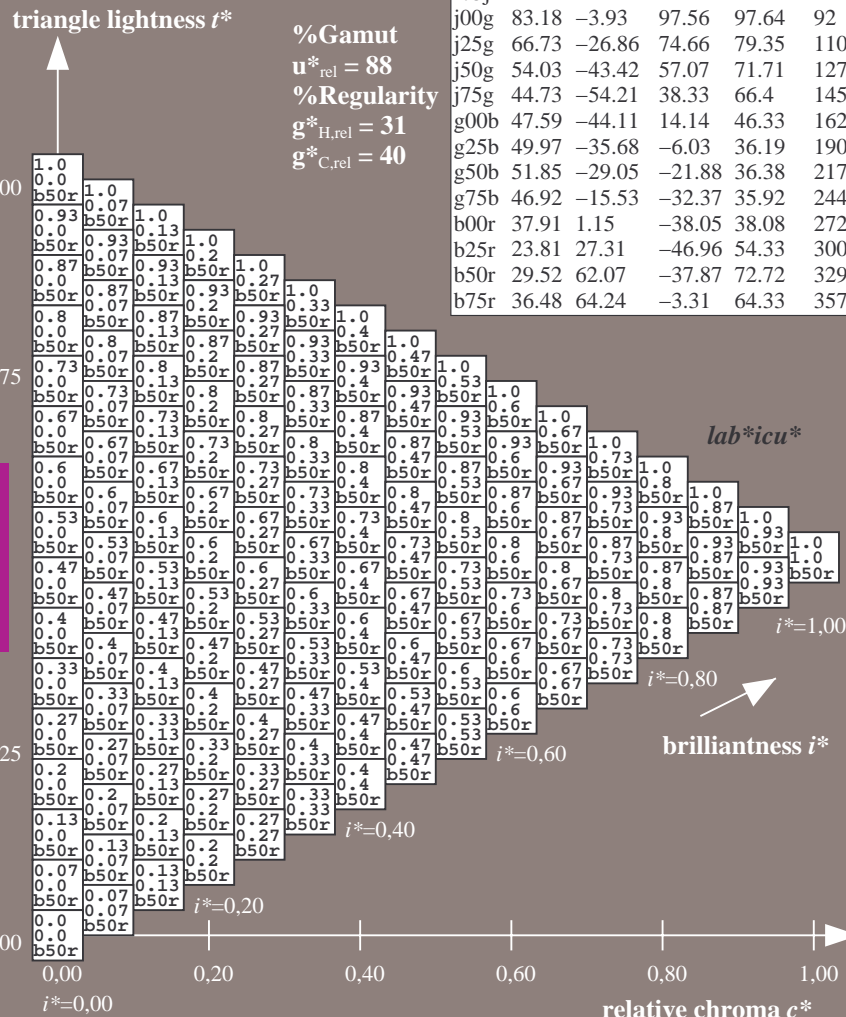
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 62 -37
 $LAB^*LCH^*_{Ma}$: 30 73 329
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.66 0.0 1.0

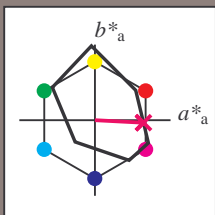
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b75r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



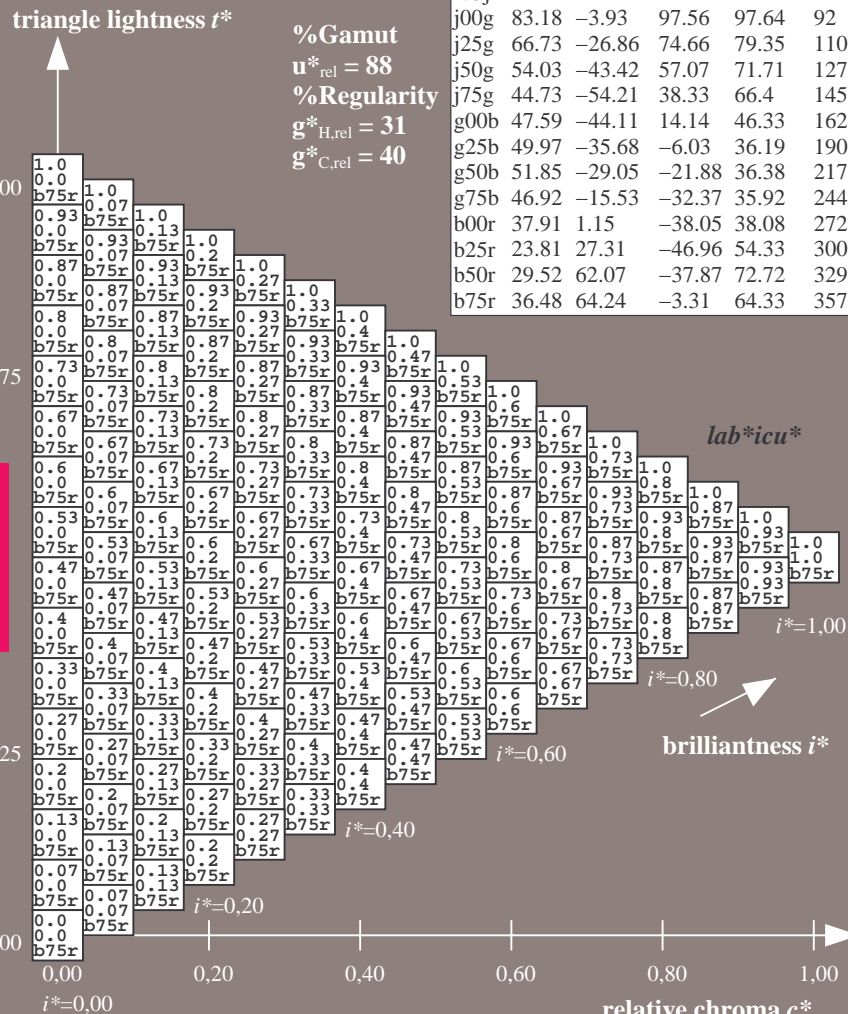
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 64 -2
 $LAB^*LCH^*_{Ma}$: 36 64 357
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.62

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

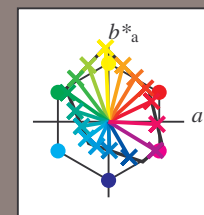


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

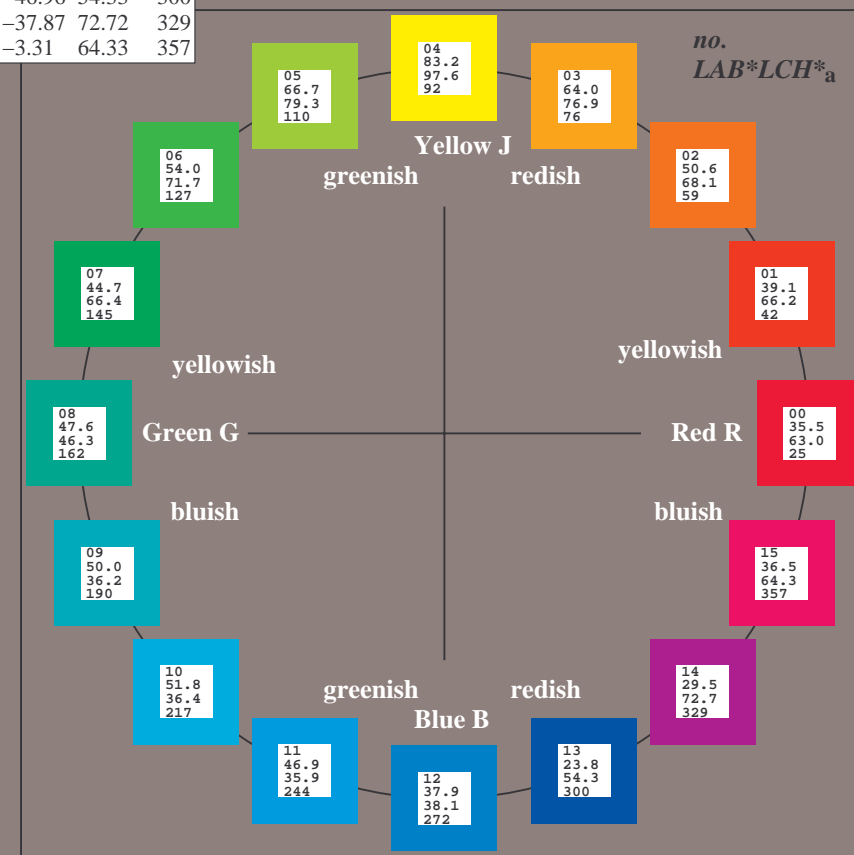
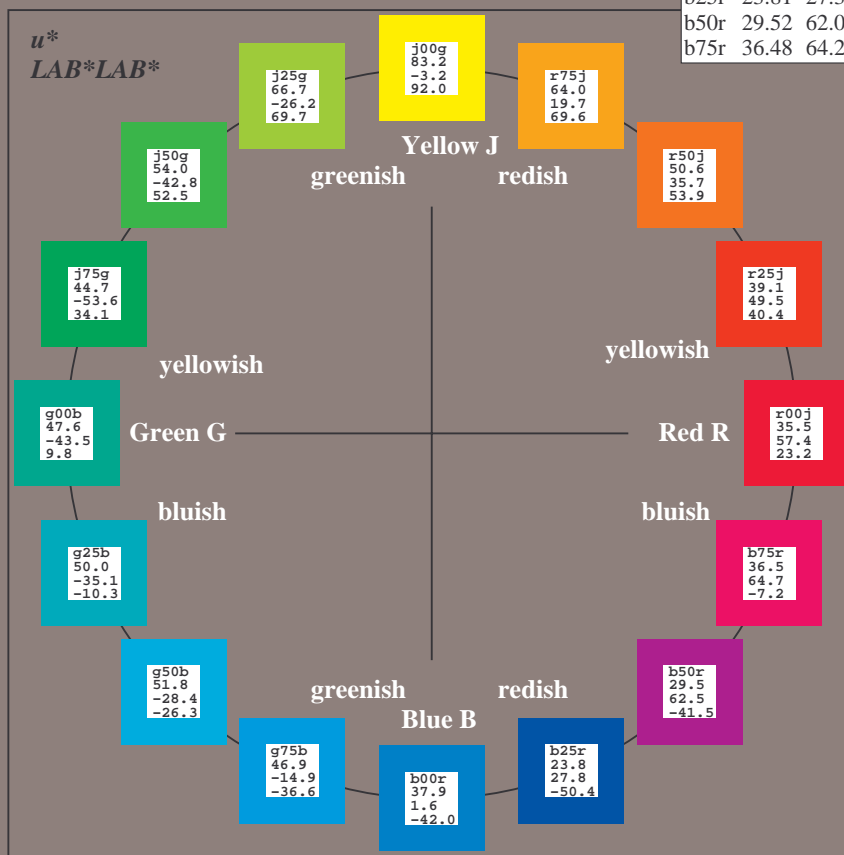
Input and output:
 Colorimetric Printer Reflective System FRS15_90a
 data for any colour:
lab^{ch}** and *lab*^{icu}**
 elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
 contrast reduction factor:
 $c_R = 0.9$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

lab^*tch^* and lab^*icu^*

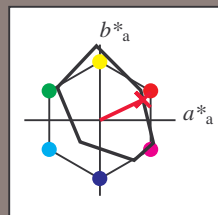
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 35\ 57\ 27$

$LAB^*LCH^*_Ma: 35\ 63\ 25$

$lab^*rgb^*_Ma: 1.0\ 0.0\ 0.0$

$lab^*olv^*_Ma: 1.0\ 0.0\ 0.18$

triangle lightness t^*

%Gamut

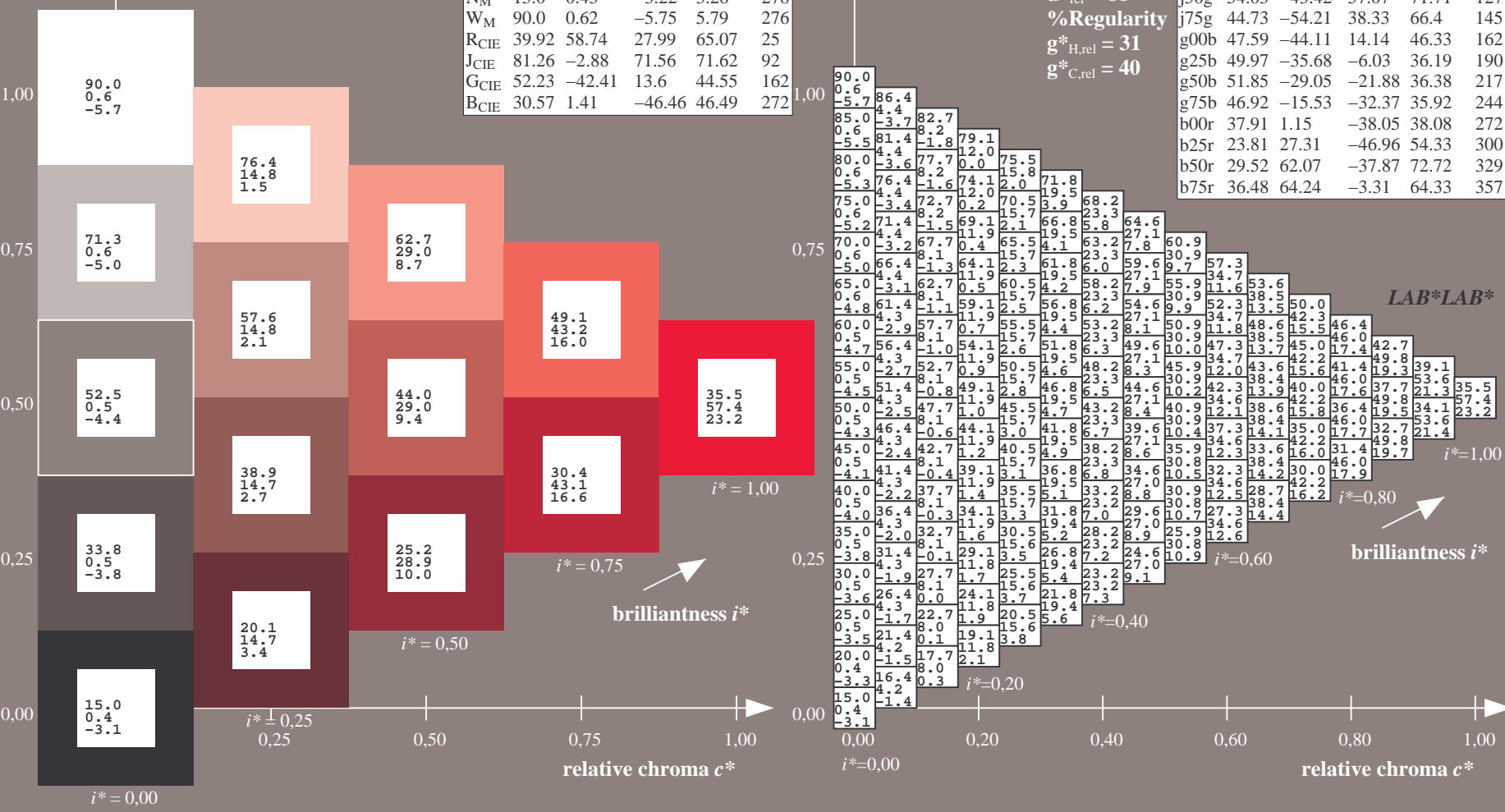
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

lab^*tch^* and lab^*icu^*

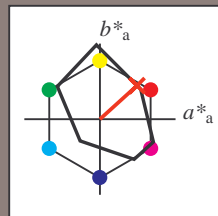
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 39\ 49\ 44$

$LAB^*LCH^*_Ma: 39\ 66\ 42$

$lab^*rgb^*_Ma: 1.0\ 0.25\ 0.0$

$lab^*olv^*_Ma: 1.0\ 0.08\ 0.0$

triangle lightness t^*

%Gamut

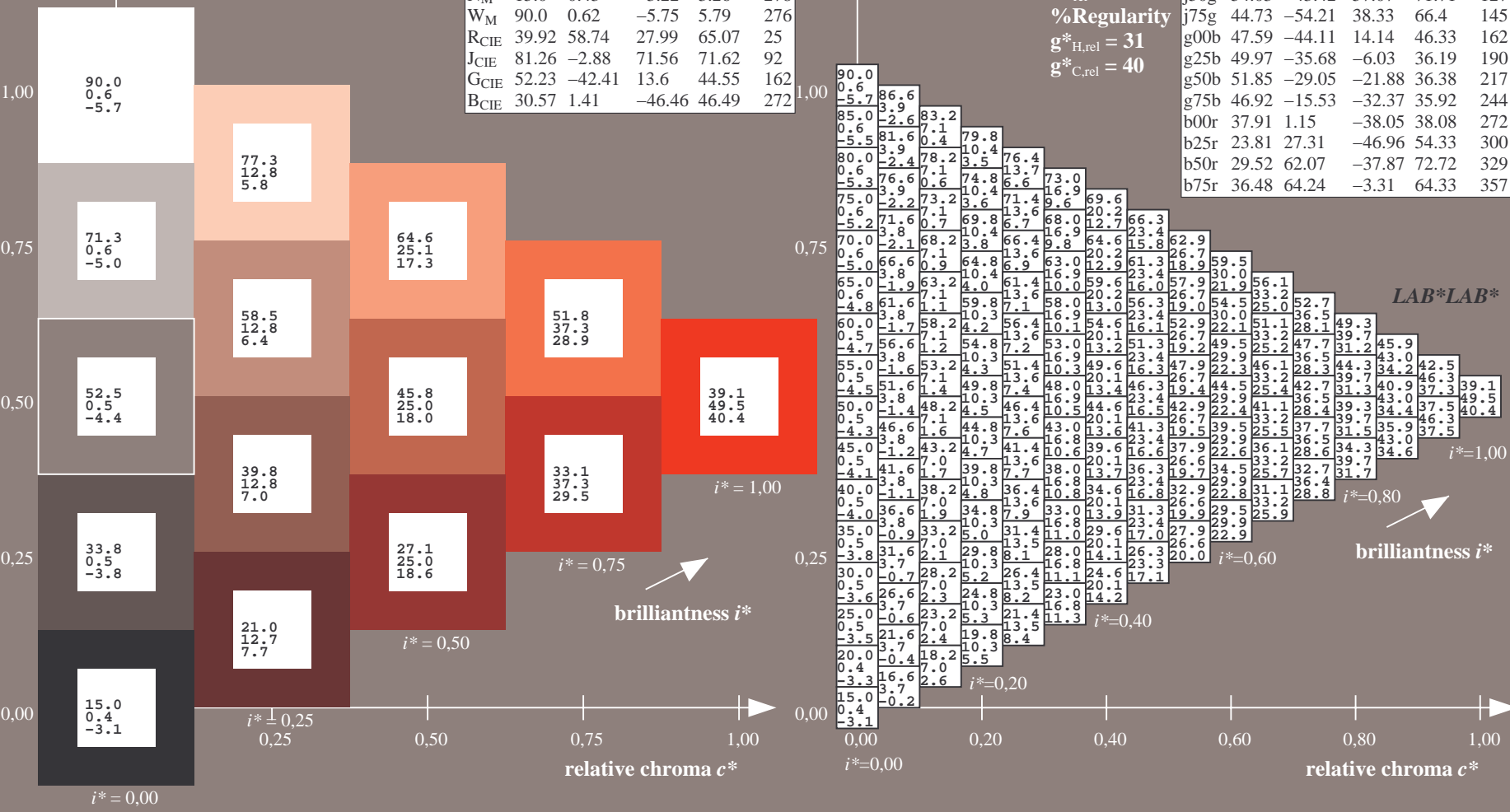
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

lab^*tch^* and lab^*icu^*

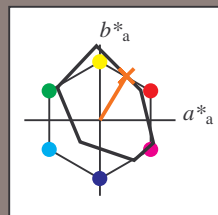
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 35 58

$LAB^*LCH^*_{Ma}$: 51 68 59

$lab^*rgb^*_{Ma}$: 1.0 0.5 0.0

$lab^*olv^*_{Ma}$: 1.0 0.32 0.0

triangle lightness t^*

%Gamut

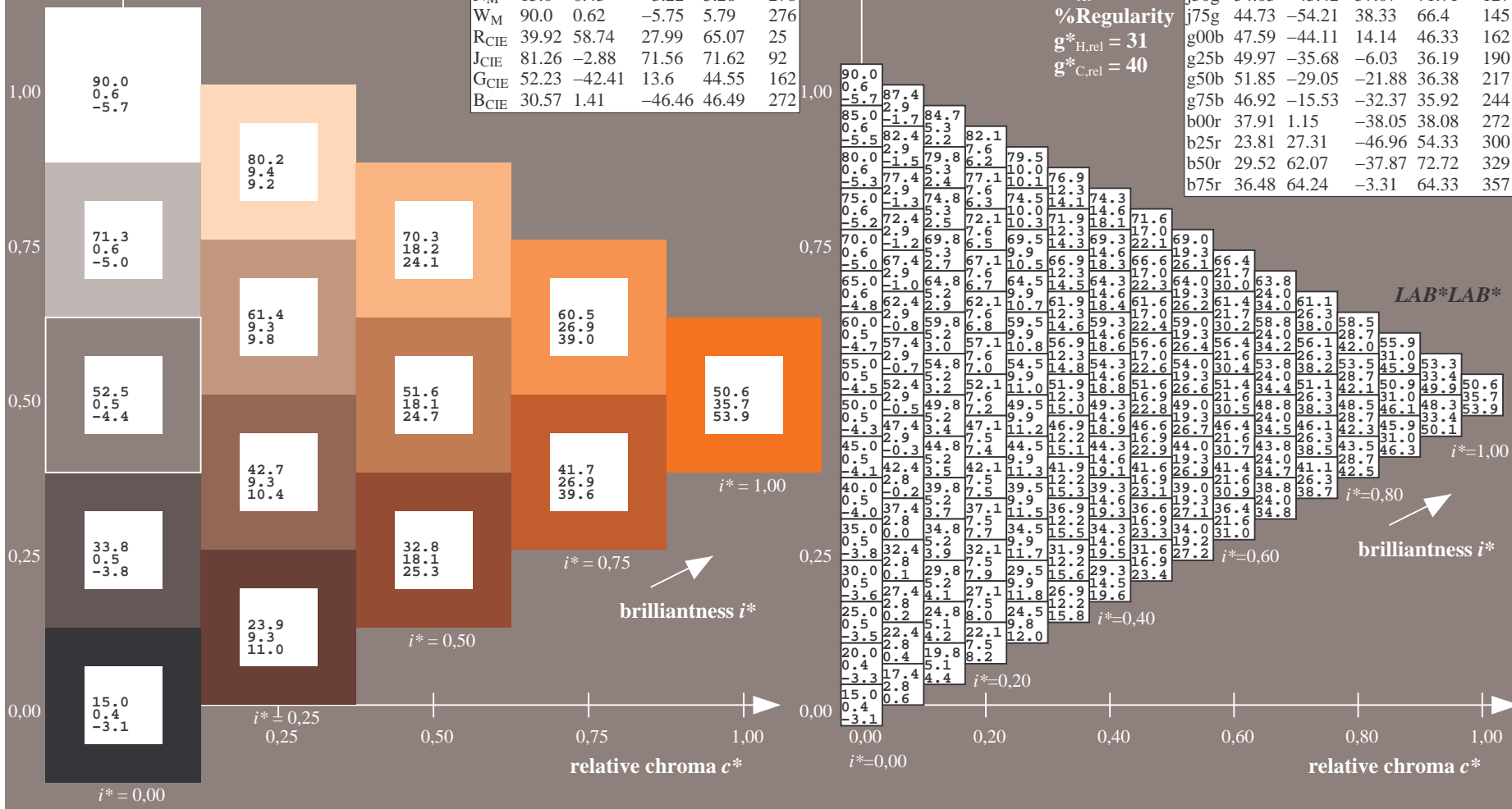
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

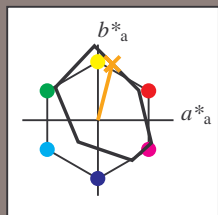
$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r75j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



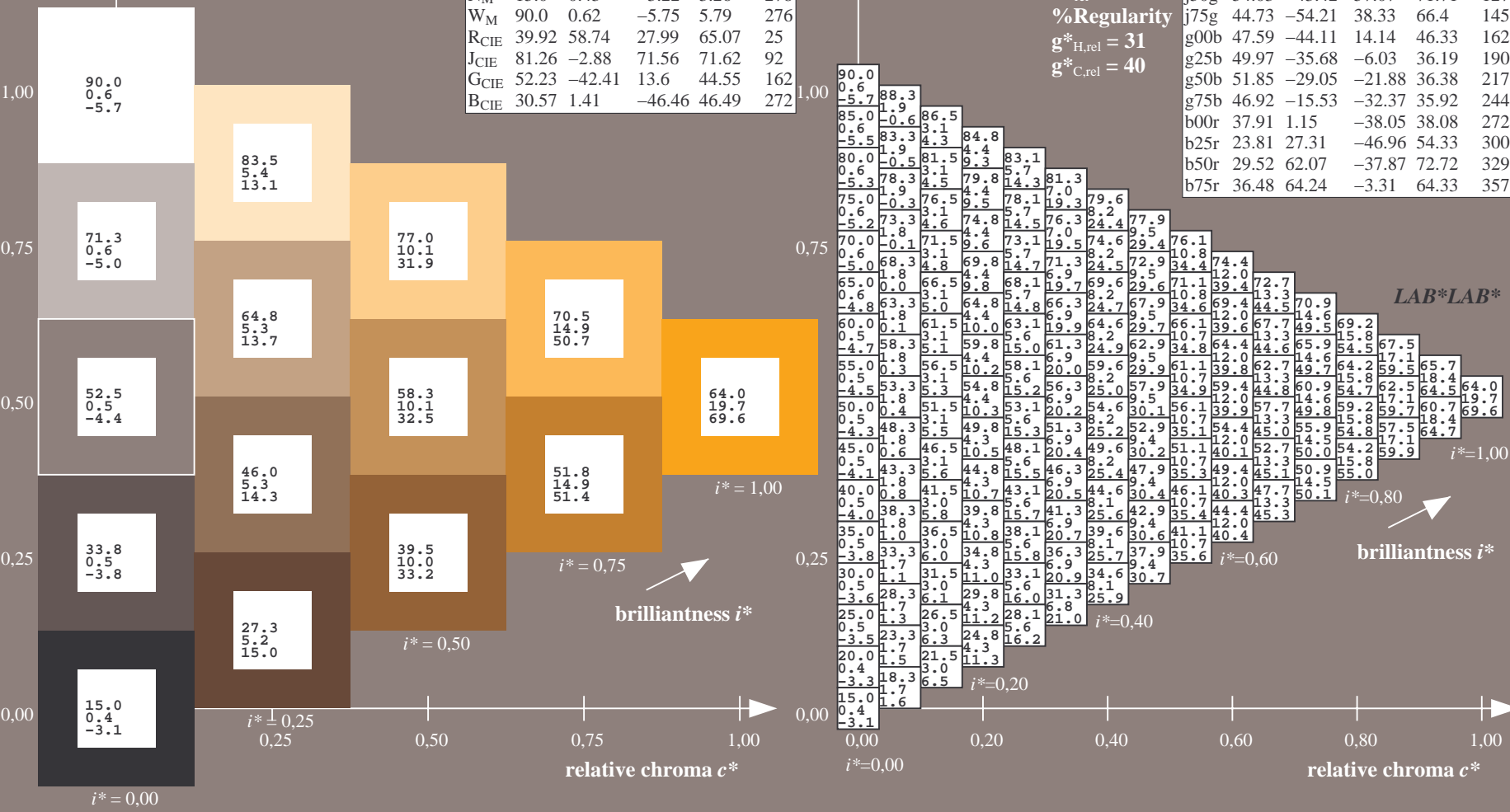
FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/.PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

lab^*tch^* and lab^*icu^*

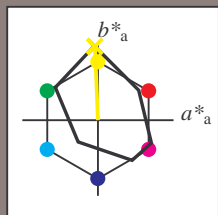
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98

$LAB^*LCH^*_{Ma}$: 83 98 92

$lab^*rgb^*_{Ma}$: 1.0 1.0 0.0

$lab^*olv^*_{Ma}$: 1.0 0.99 0.0

triangle lightness t^*

%Gamut

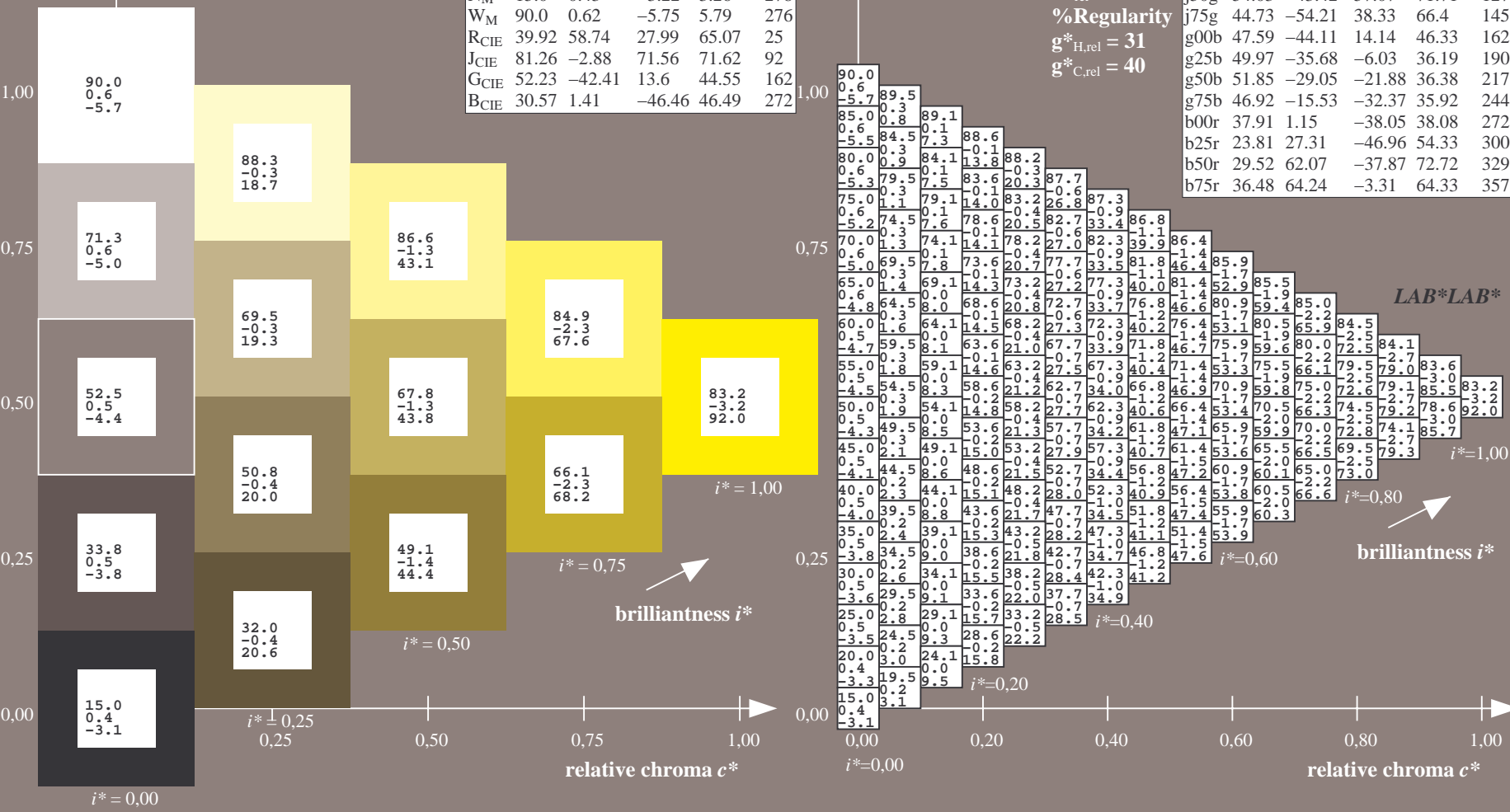
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

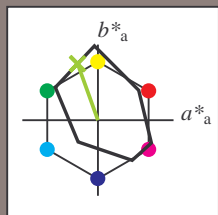
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j25g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



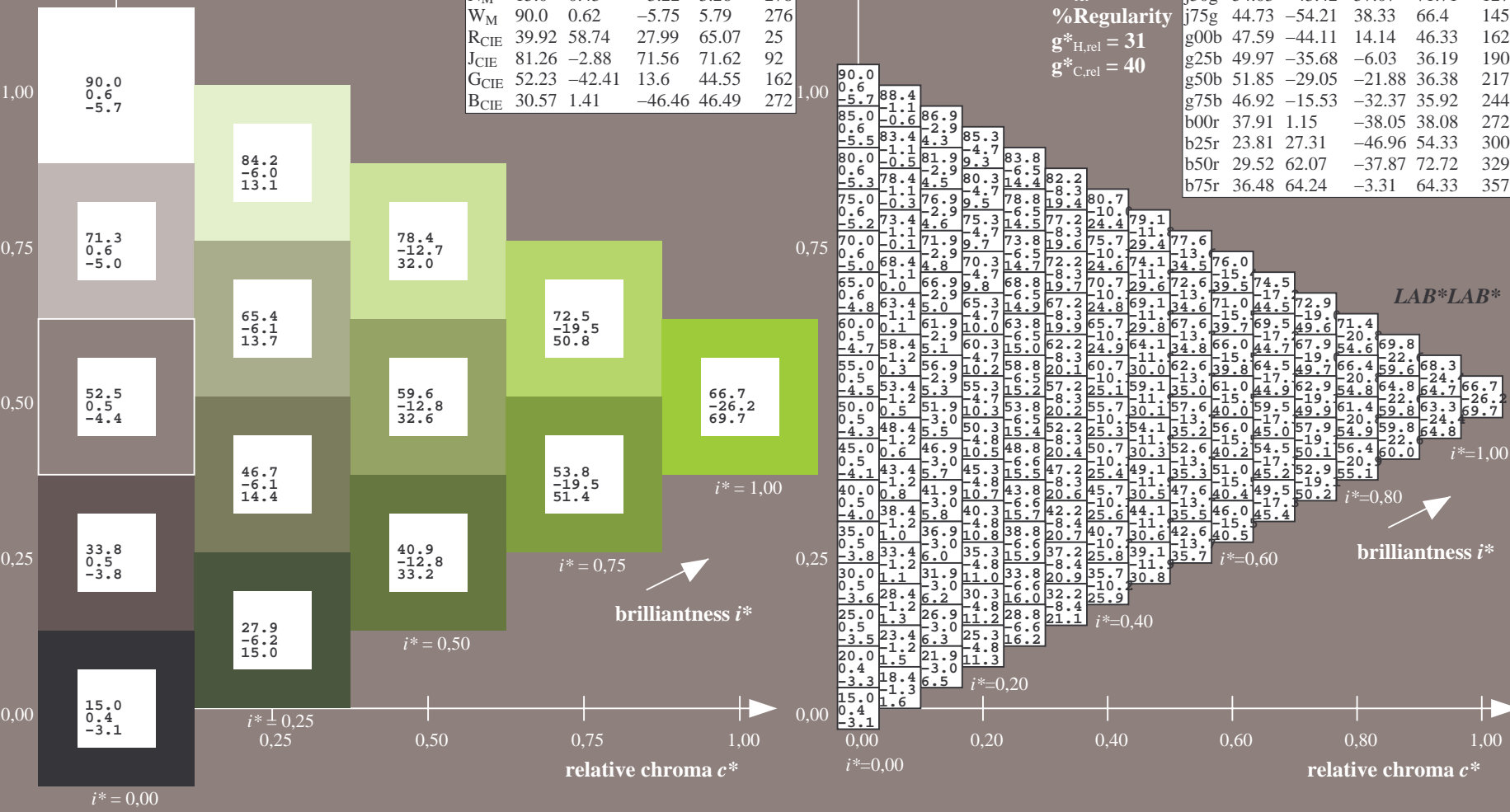
FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -26 75
 $LAB^*LCH^*_{Ma}$: 67 79 110
 $lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.57 1.0 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

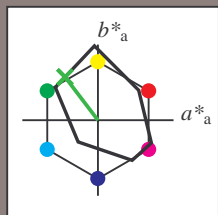


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j50g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



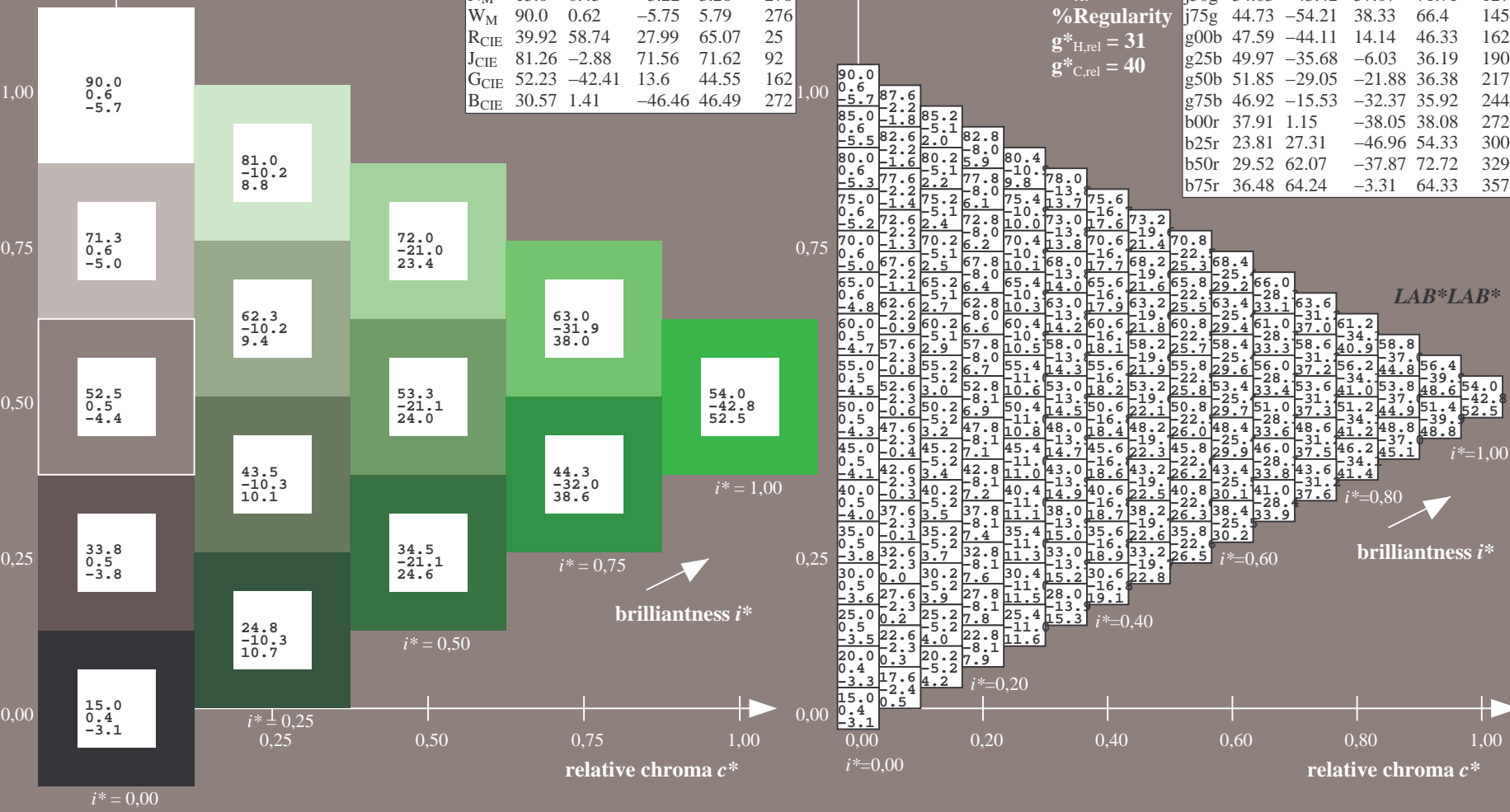
FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -42 57
 $LAB^*LCH^*_{Ma}$: 54 72 127
 $lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.25 1.0 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

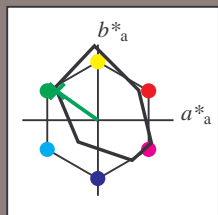


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

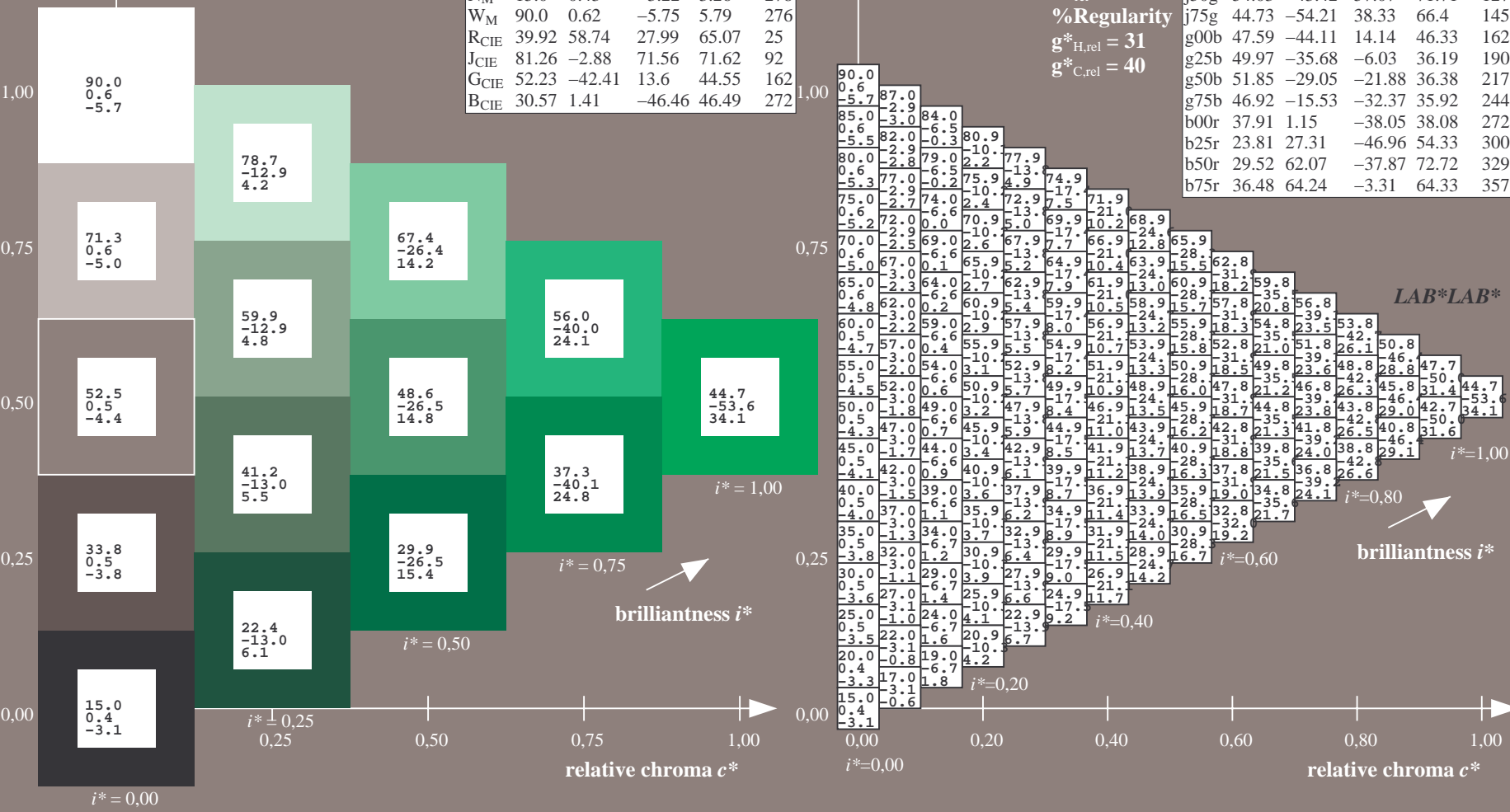
data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j75g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 45 -53 38$
 $LAB^*LCH^*_{Ma}: 45 66 145$
 $lab^*rgb^*_{Ma}: 0.25 1.0 0.0$
 $lab^*olv^*_{Ma}: 0.0 1.0 0.07$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

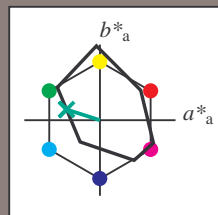


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g00b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

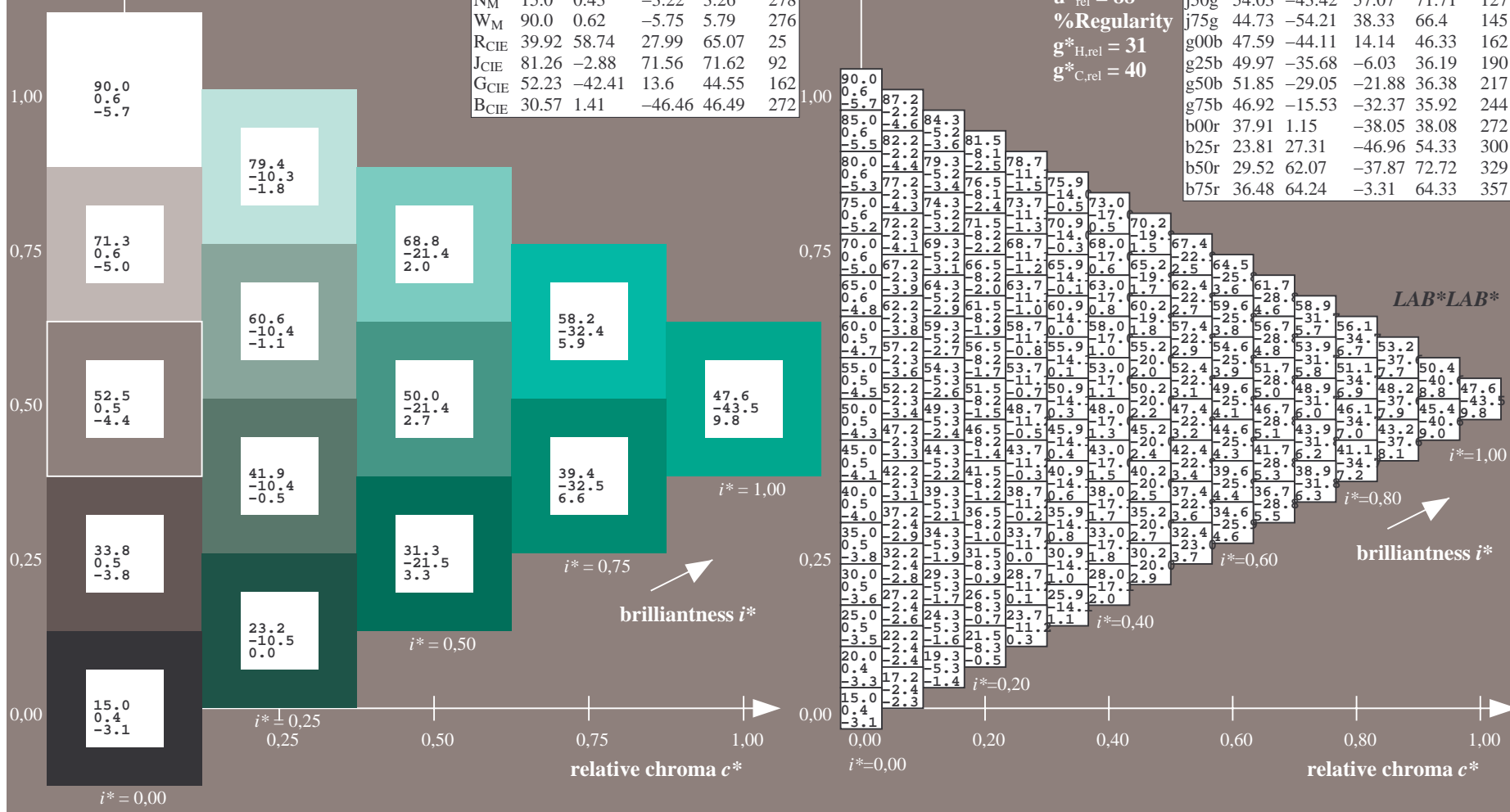
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -43 14
 $LAB^*LCH^*_{Ma}$: 48 46 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.41

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

triangle lightness t^*



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

lab^*tch^* and lab^*icu^*

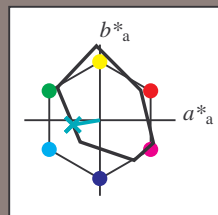
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 50 -35 -5$

$LAB^*LCH^*_{Ma}: 50 36 190$

$lab^*rgb^*_{Ma}: 0.0 1.0 0.5$

$lab^*olv^*_{Ma}: 0.0 1.0 0.69$

triangle lightness t^*

%Gamut

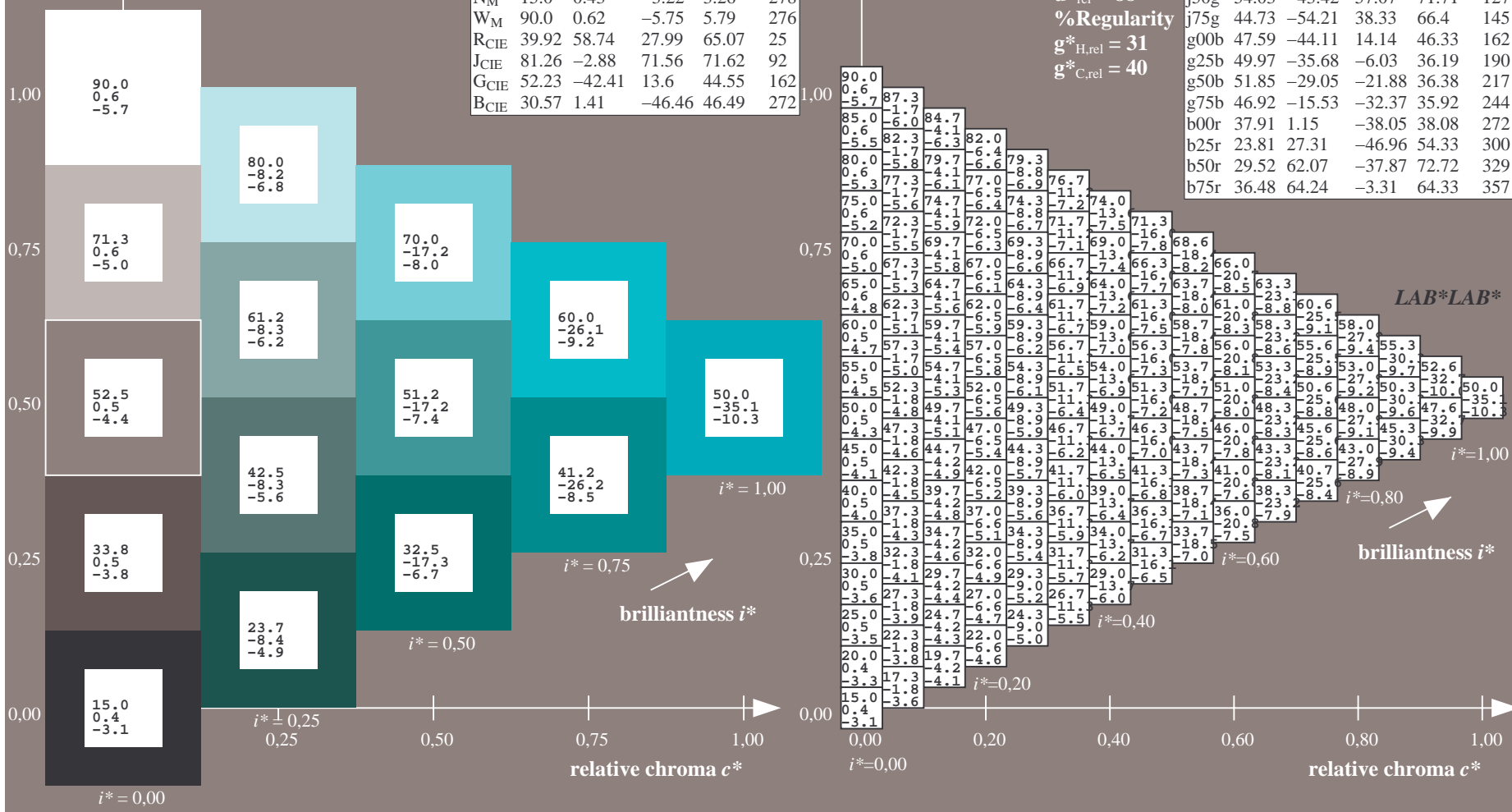
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

lab^*tch^* and lab^*icu^*

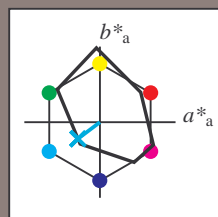
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 52 -28 -21$

$LAB^*LCH^*_Ma: 52 36 217$

$lab^*rgb^*_Ma: 0.0 1.0 1.0$

$lab^*olv^*_Ma: 0.0 1.0 0.9$

triangle lightness t^*

%Gamut

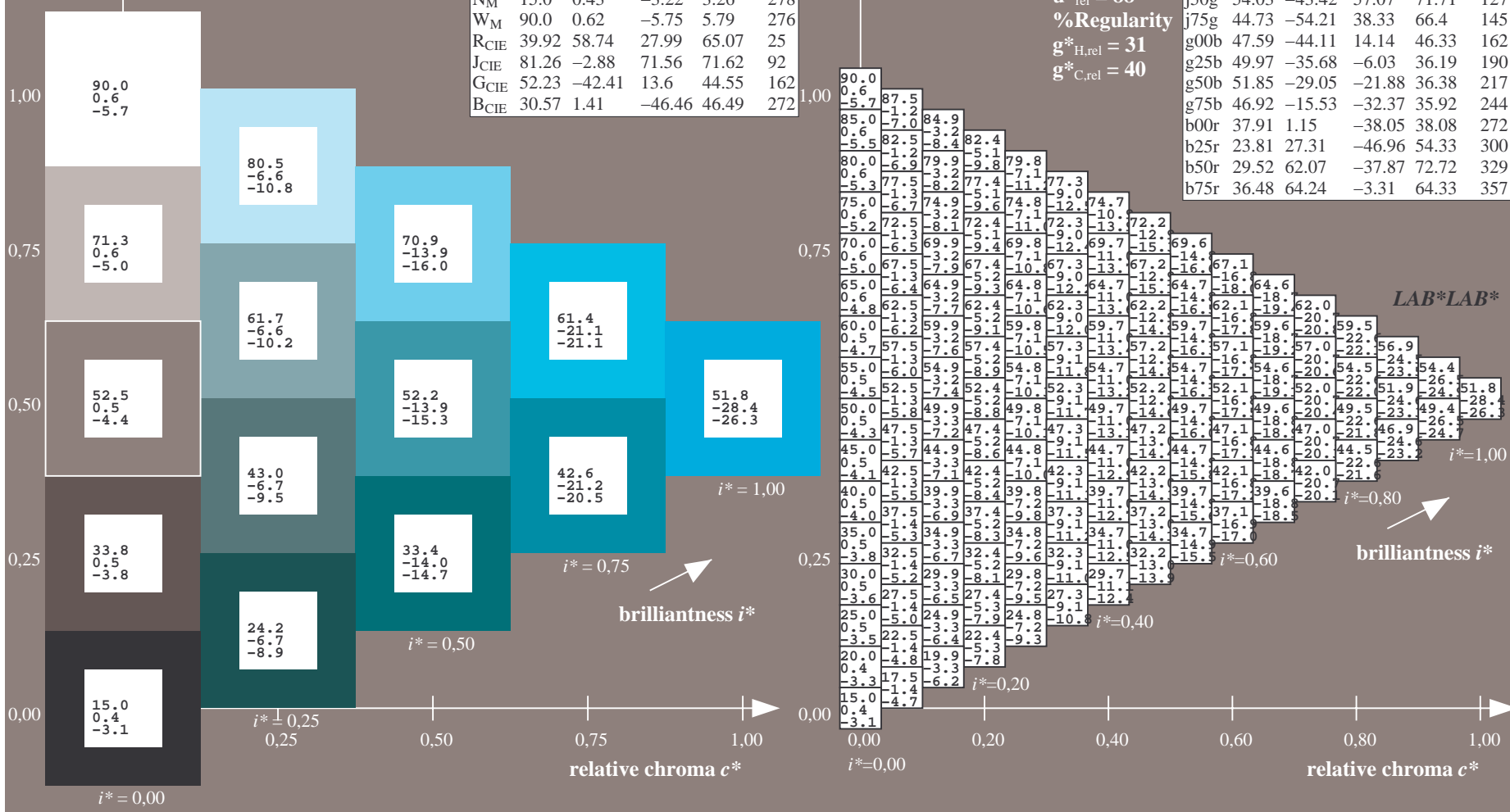
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

lab^*tch^* and lab^*icu^*

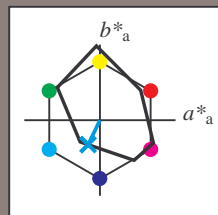
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -15 -31

$LAB^*LCH^*_{Ma}$: 47 36 244

$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0

$lab^*olv^*_{Ma}$: 0.0 0.85 1.0

triangle lightness t^*

%Gamut

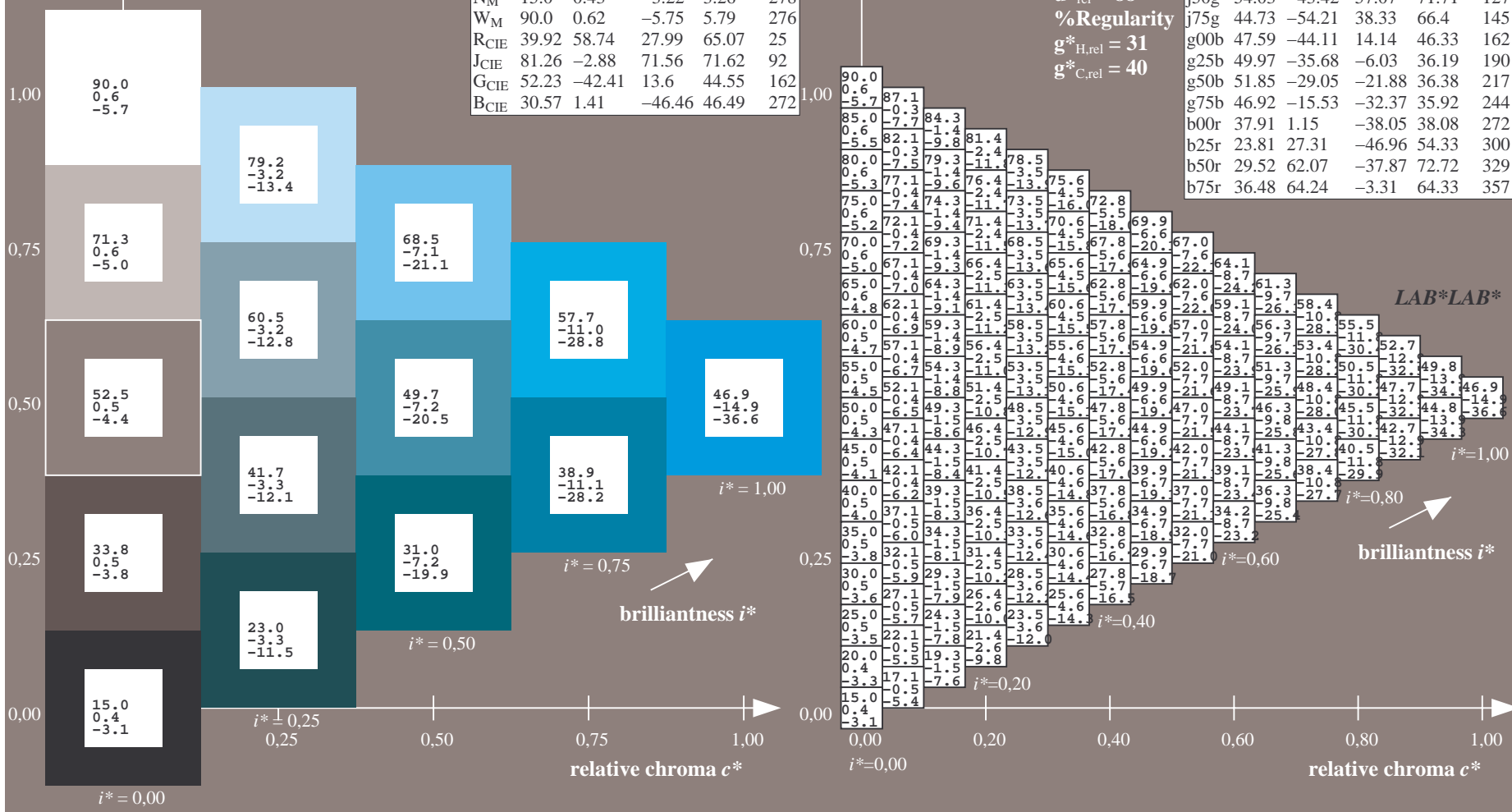
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/Version 2.1, io=1,1, ColSpX=0
 Technical information: <http://www.ps.bam.de>

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

lab^*tch^* and lab^*icu^*

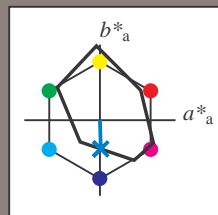
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -37

$LAB^*LCH^*_{Ma}$: 38 38 272

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*

%Gamut

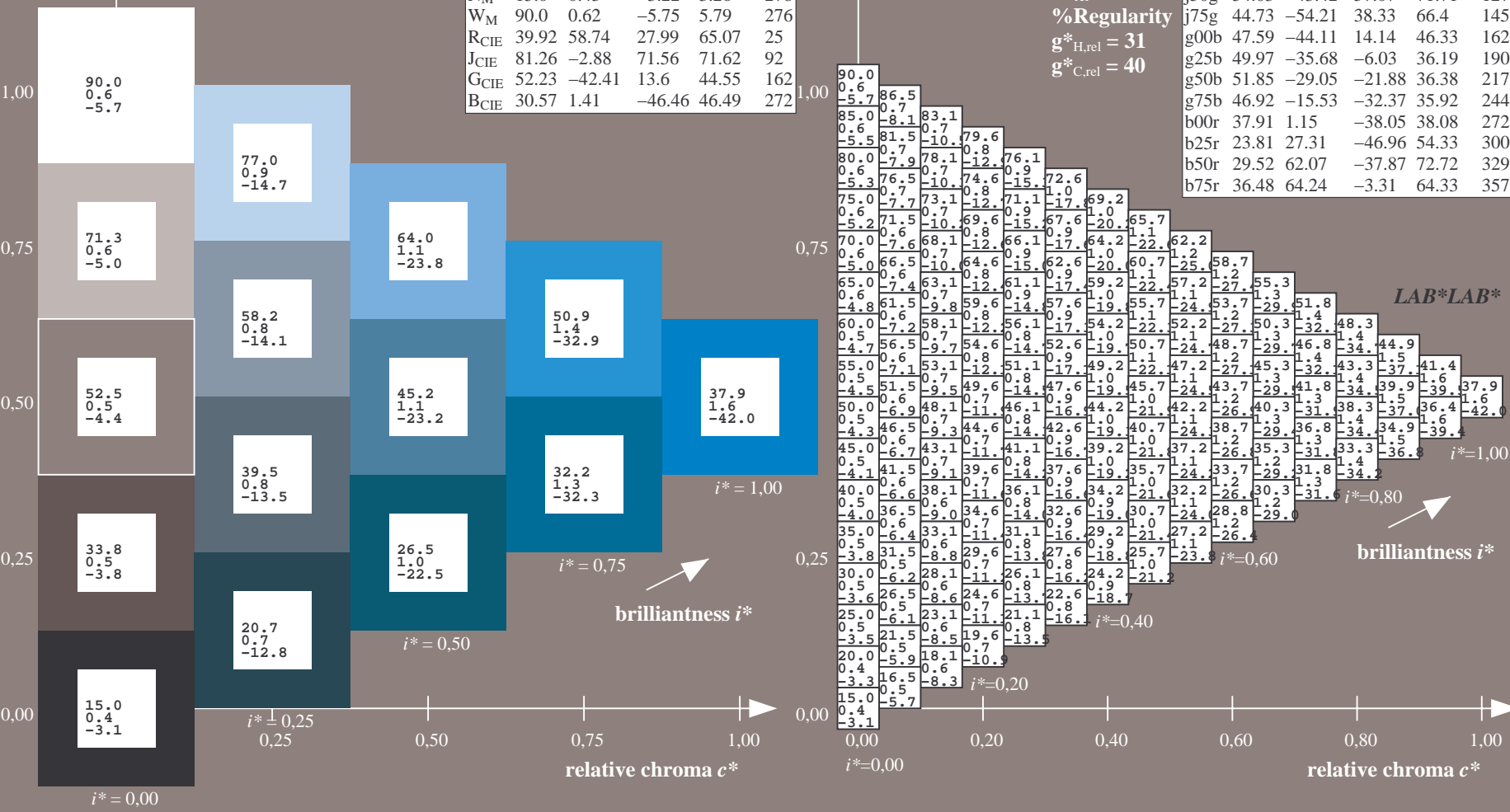
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

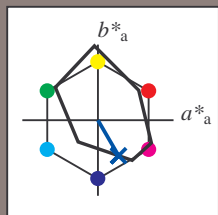
FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b25r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



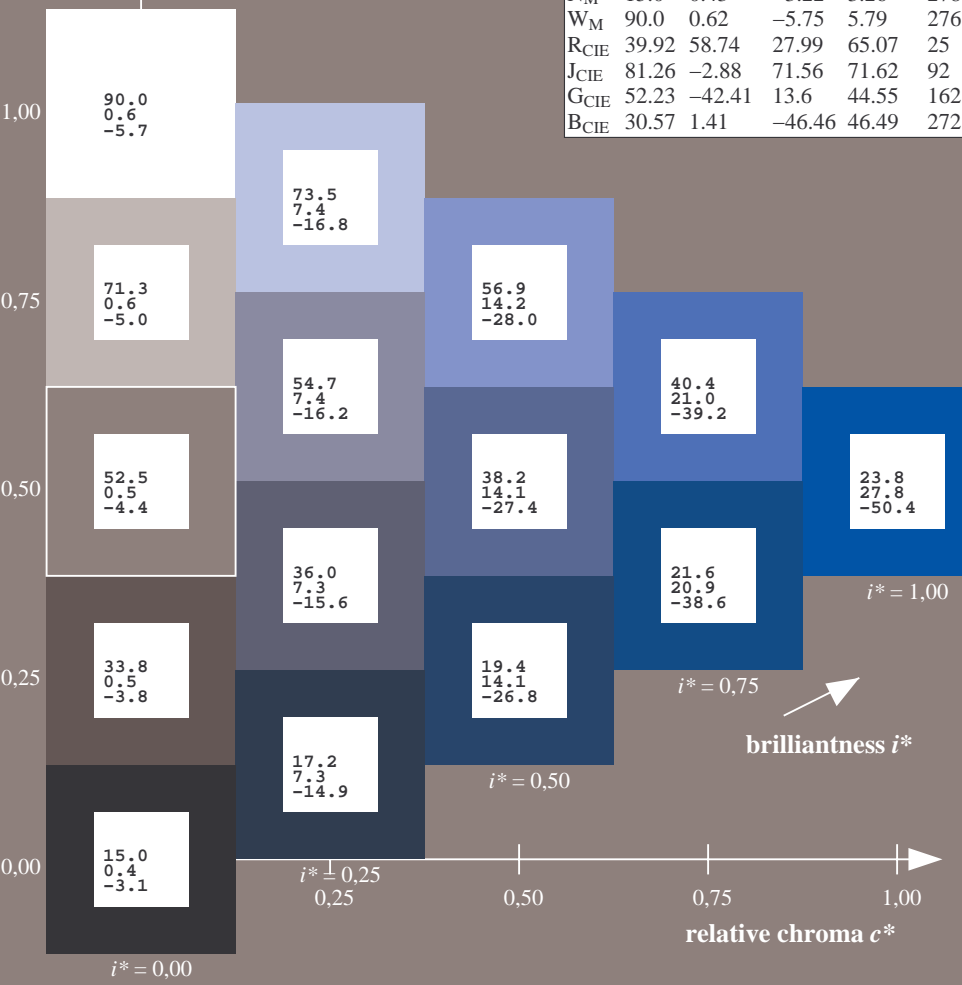
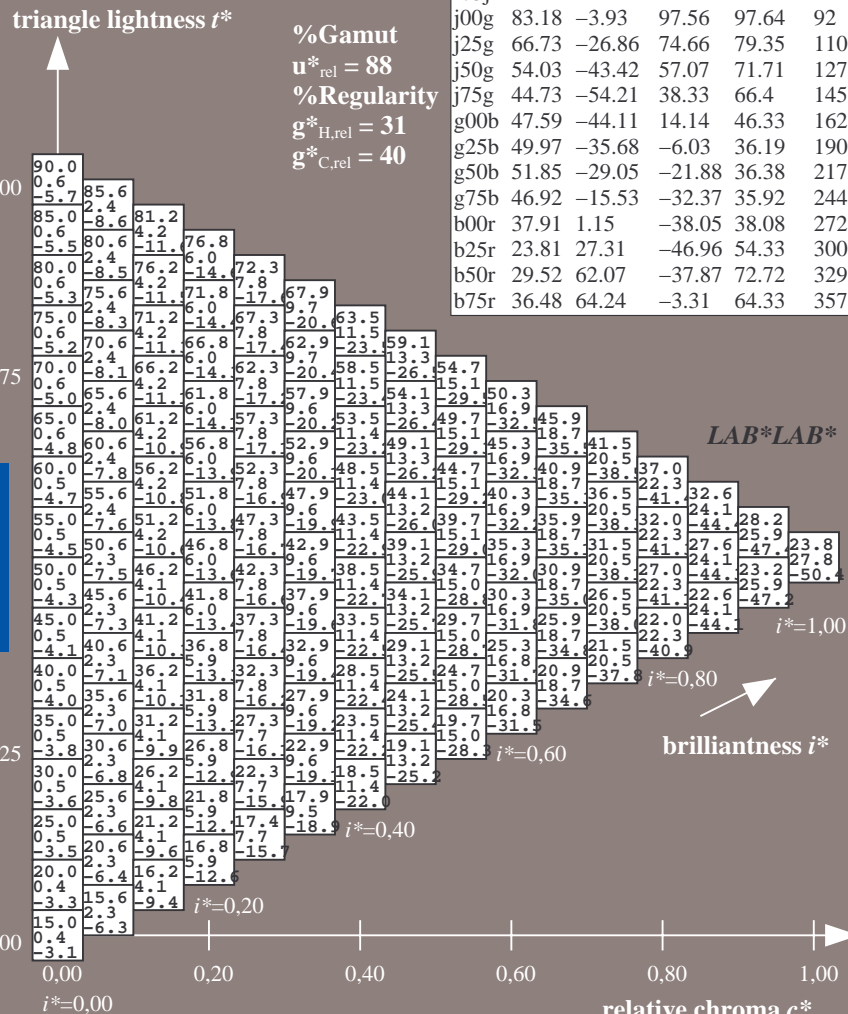
FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 27 -46
 $LAB^*LCH^*_{Ma}$: 24 54 300
 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.25 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

lab^*tch^* and lab^*icu^*

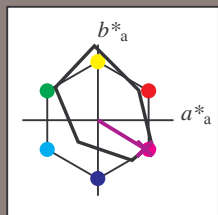
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 62 -37

$LAB^*LCH^*_{Ma}$: 30 73 329

$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.66 0.0 1.0

triangle lightness t^*

%Gamut

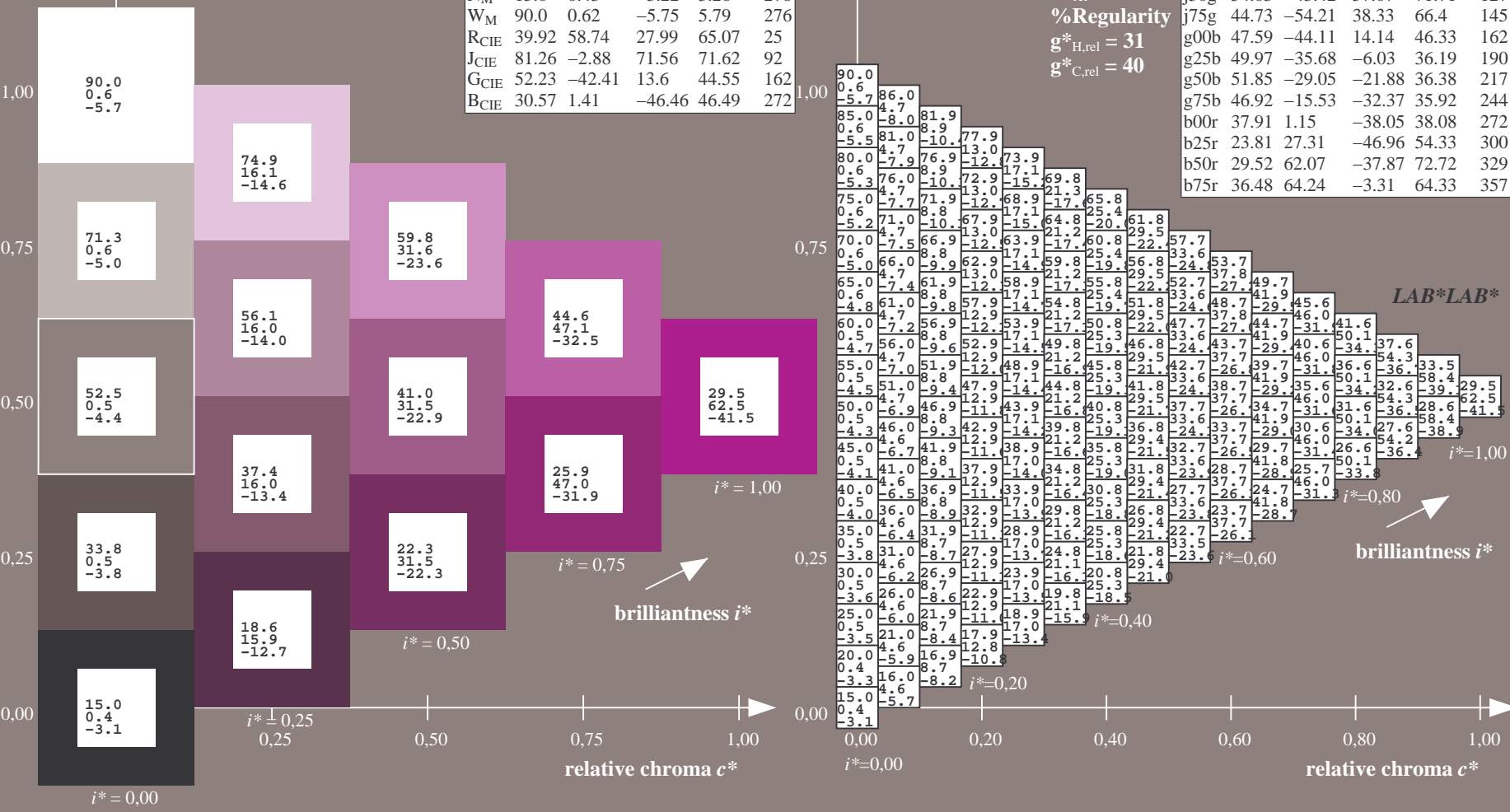
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

lab^*tch^* and lab^*icu^*

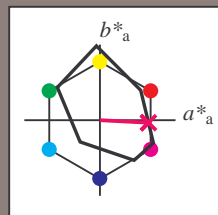
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	19.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 64 -2

$LAB^*LCH^*_{Ma}$: 36 64 357

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5

$lab^*olv^*_{Ma}$: 1.0 0.0 0.62

triangle lightness t^*

%Gamut

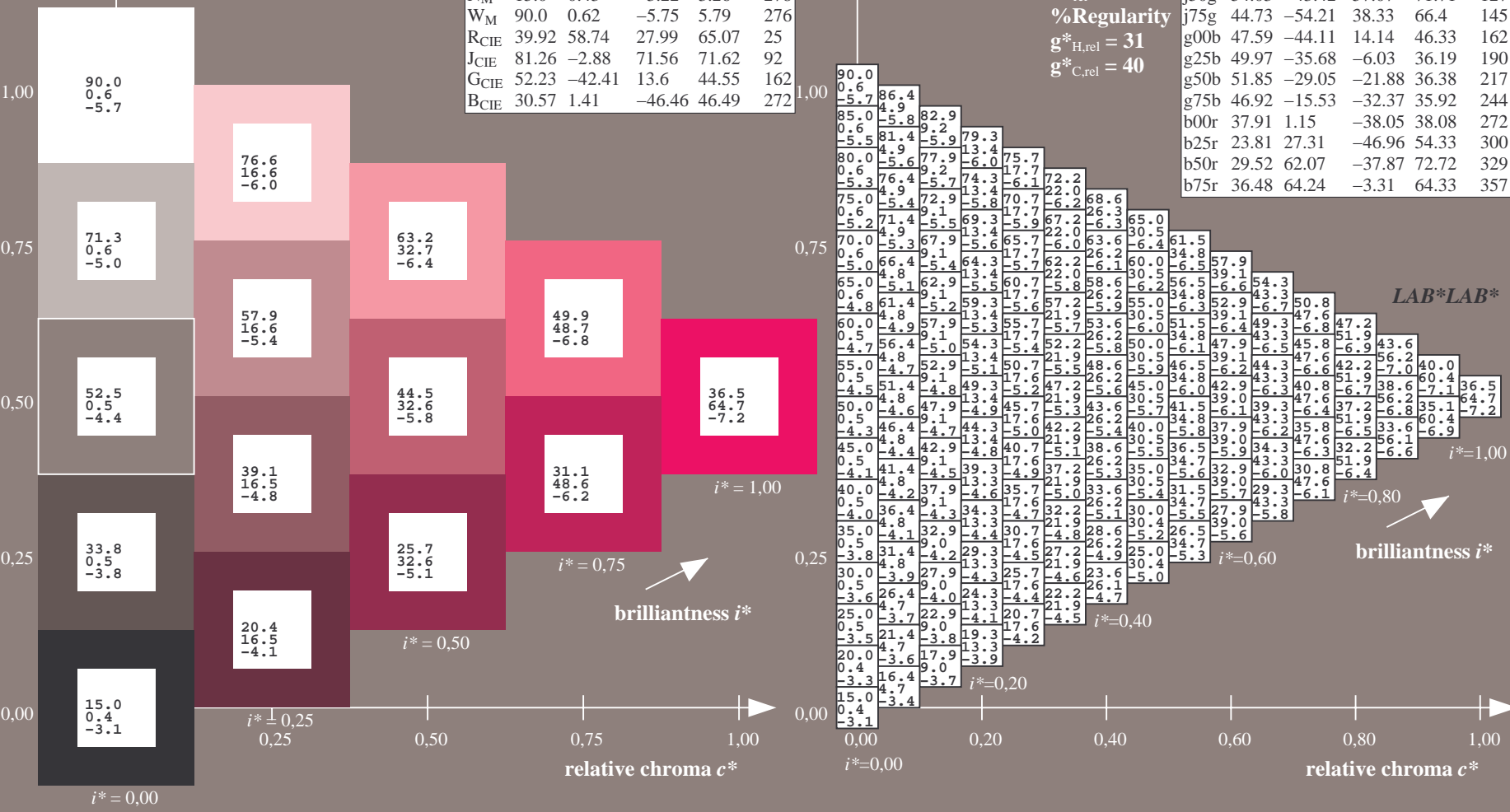
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



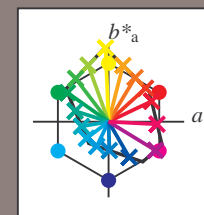
See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/; www.ps.bam.de/De97/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1, ColSpX=0

Table with 27 rows (01-27) and 48 columns (A-LAB*LAB*). Each cell contains a numerical value representing color data for a specific row and column combination.

BAM registration: 20080701-De97/10L/L97E00NP.PS/.PDF BAM material: code=rh4da
application for evaluation and measurement of printer or monitor systems

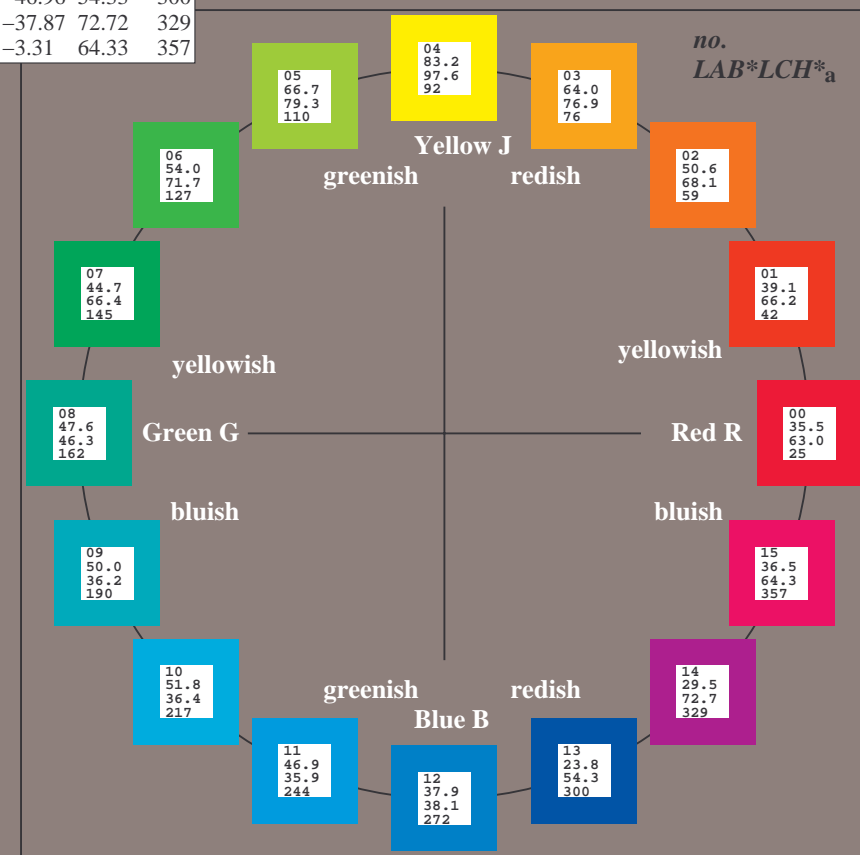
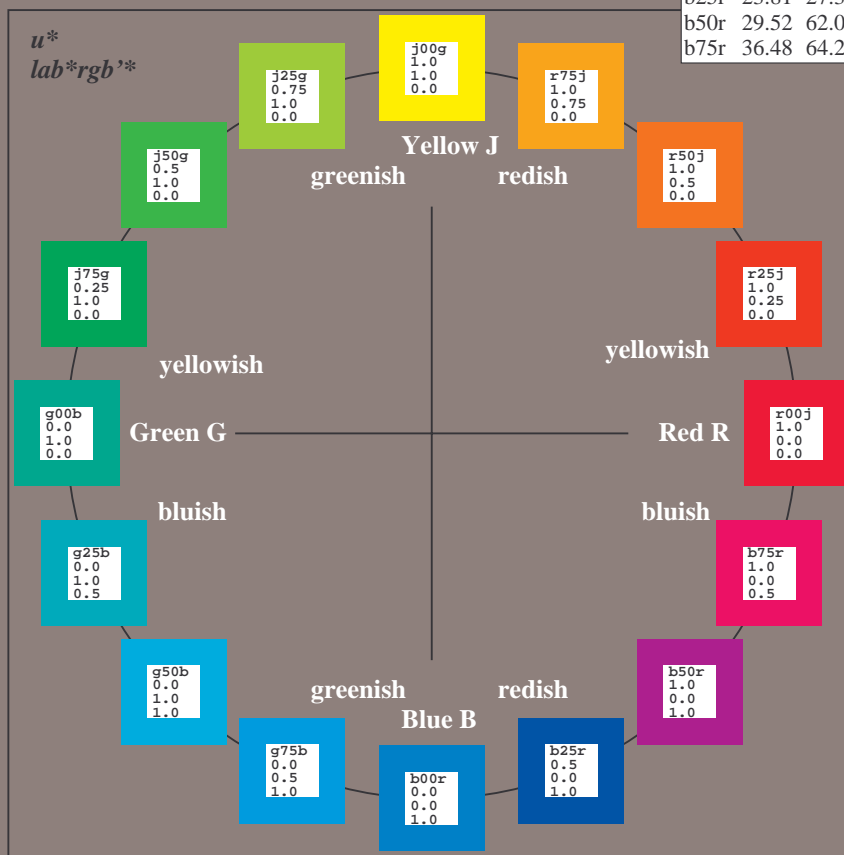
Input and output:
 Colorimetric Printer Reflective System FRS15_90a
 data for any colour:
lab^{tch*}* and *lab*^{icu*}*
 elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
 contrast reduction factor:
 $c_R = 0.9$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



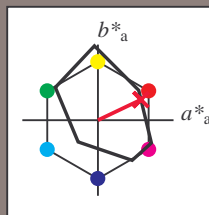
%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r00j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



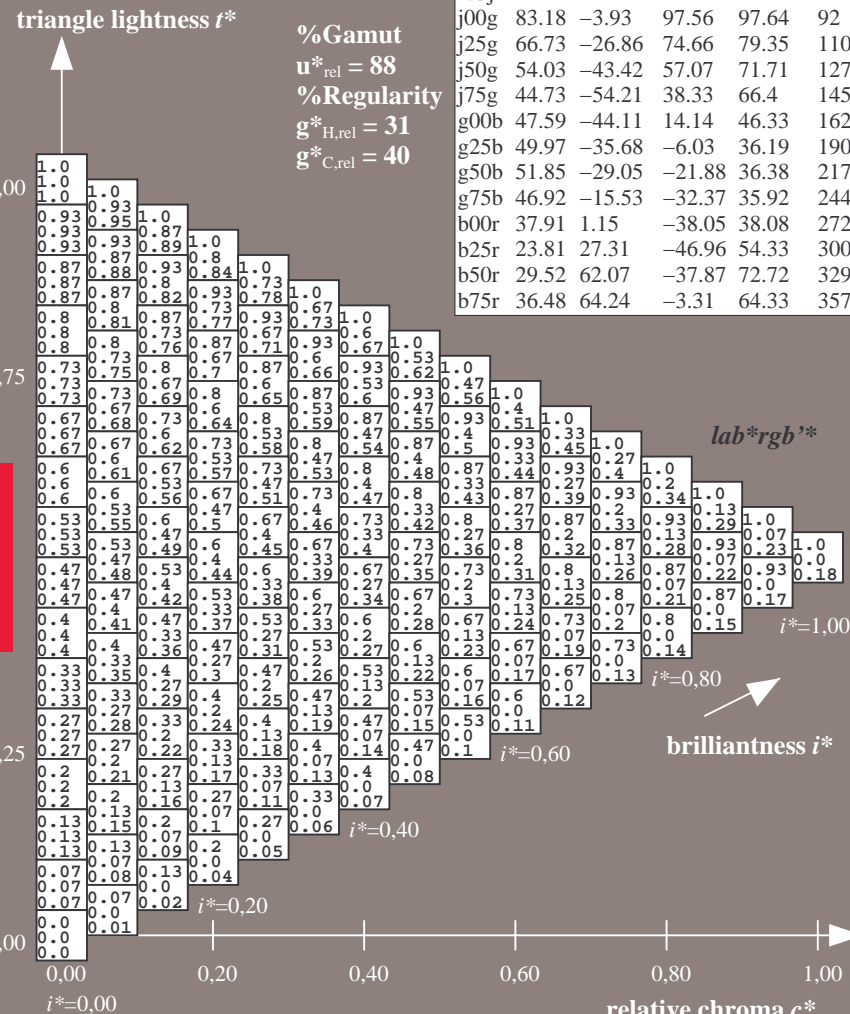
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 57 27
 $LAB^*LCH^*_{Ma}$: 35 63 25
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.18

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

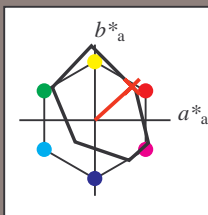


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r25j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



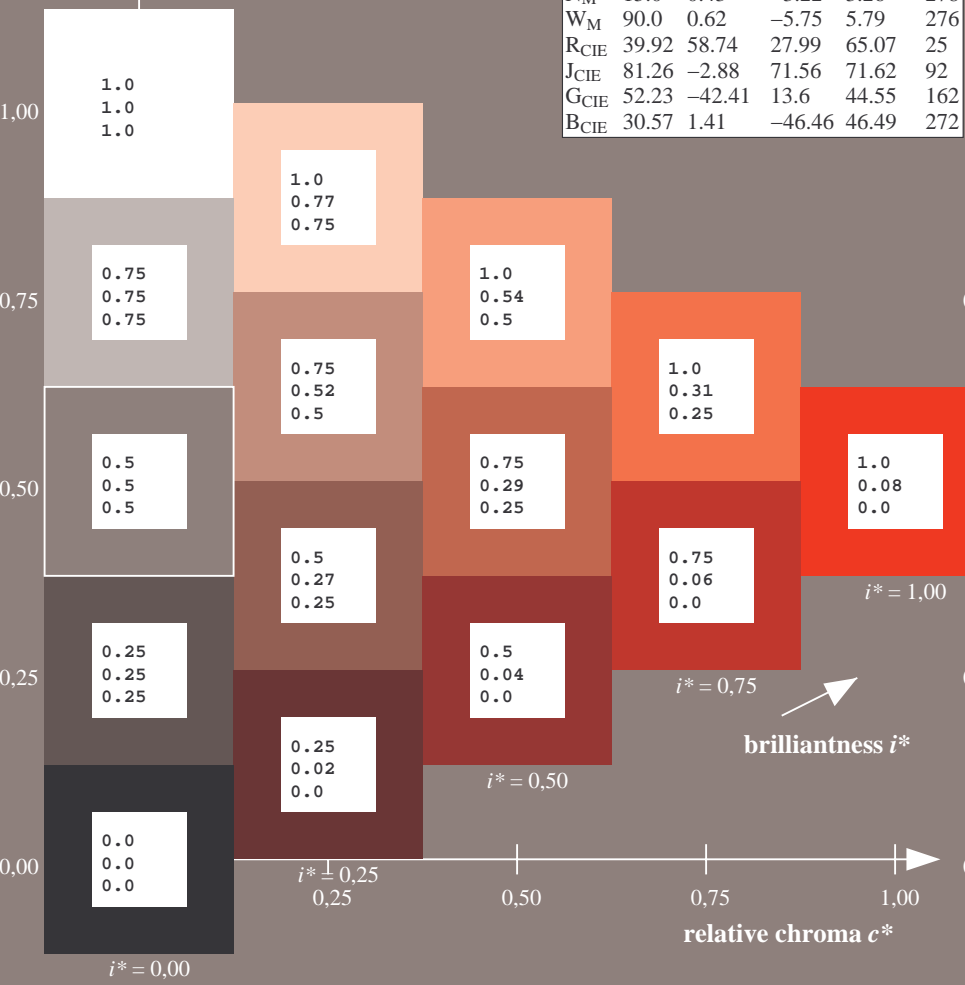
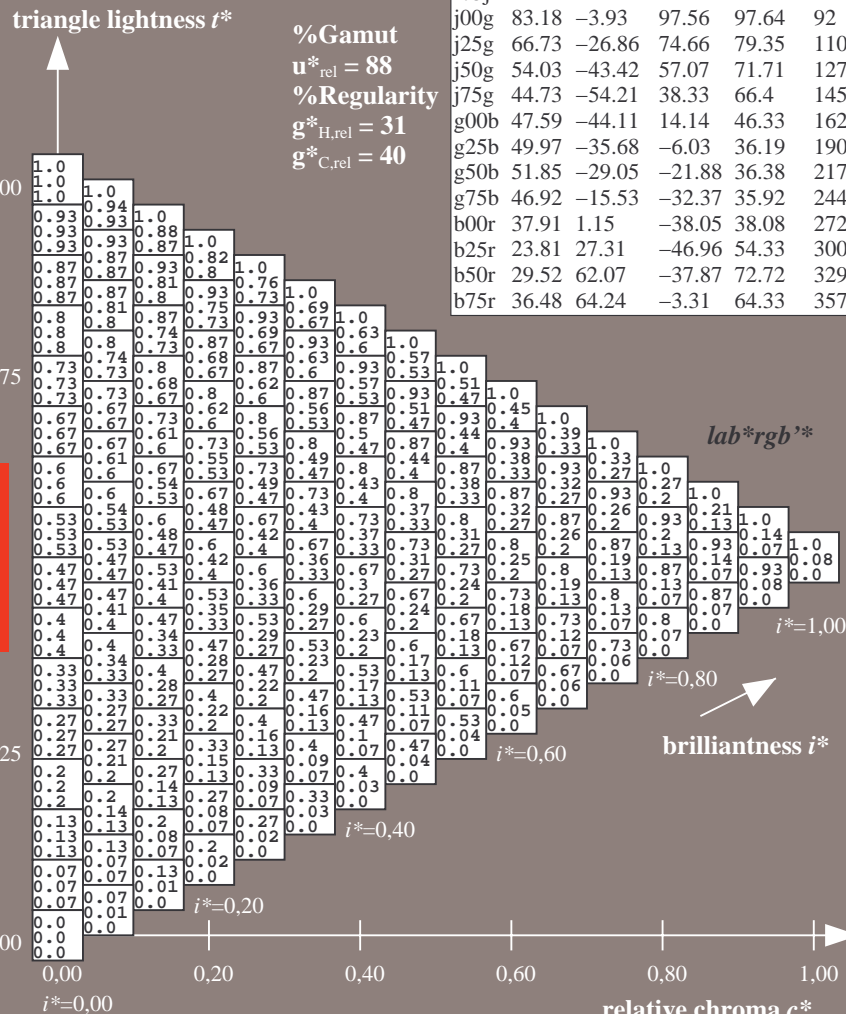
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

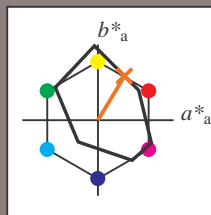
%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:
 lab^*tch^* and $lab^*ic_u^*$
 elementary hue text:
 $u^* = r50j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



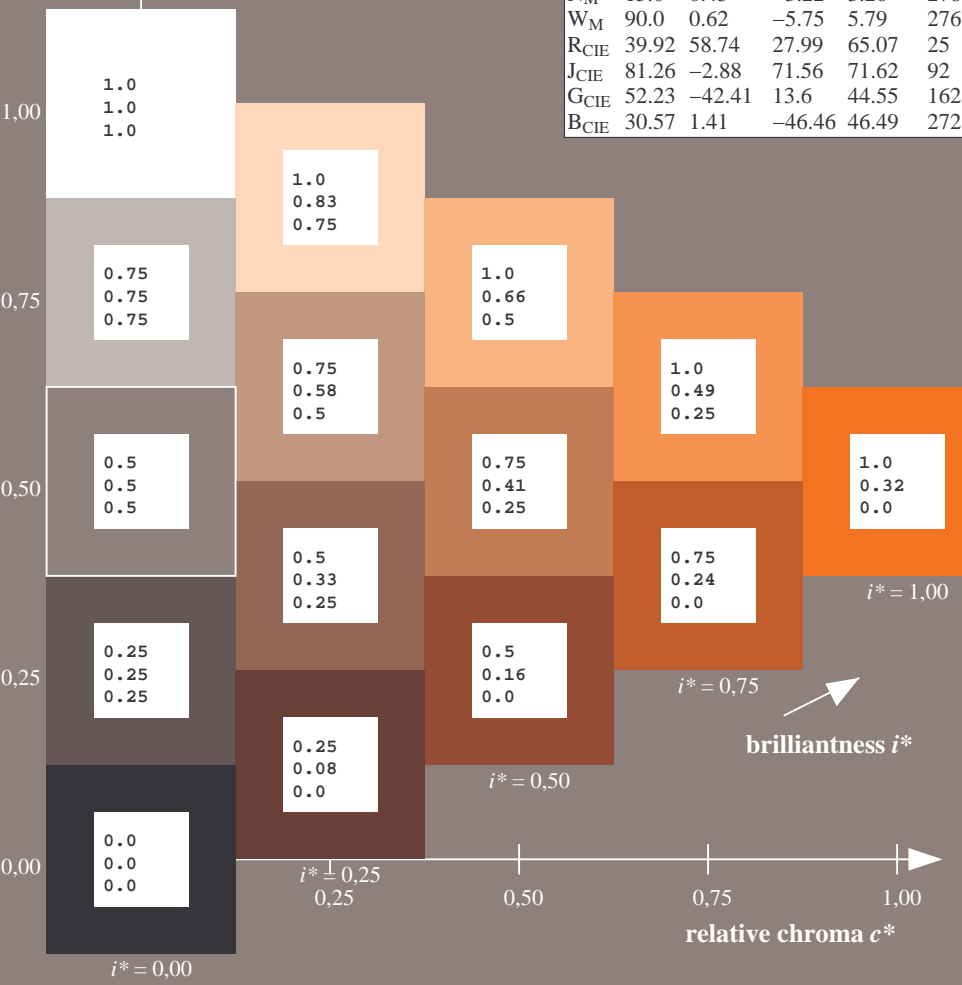
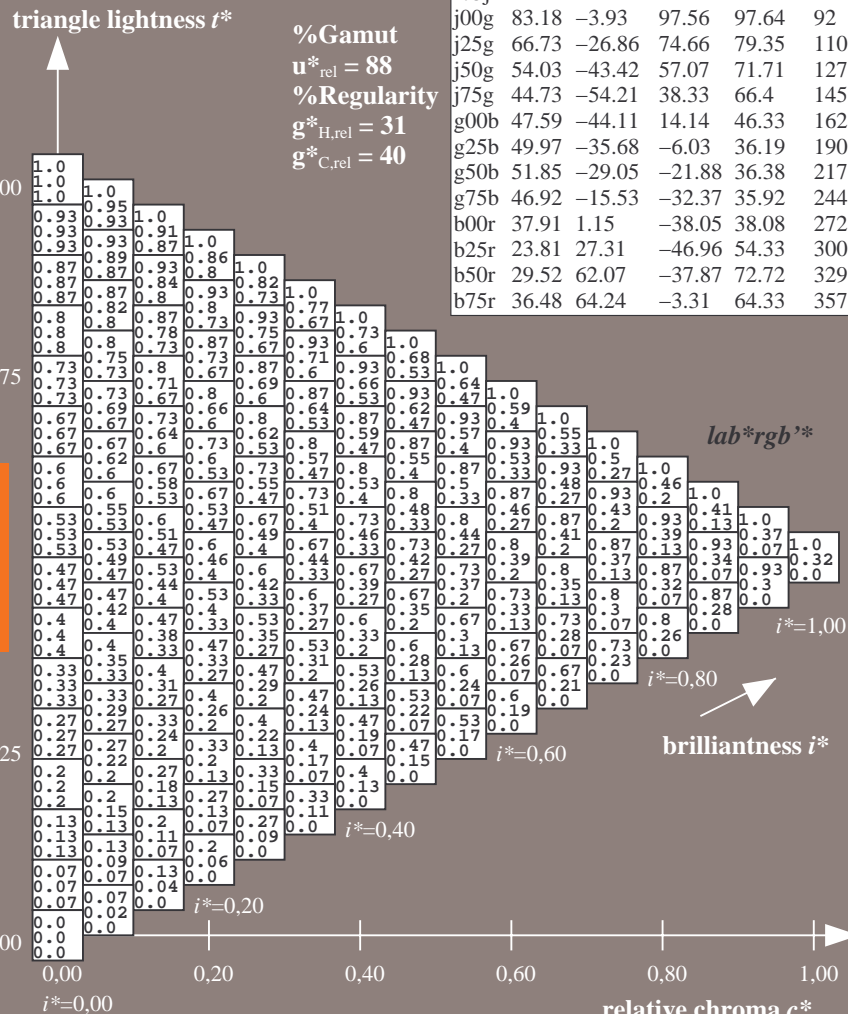
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 35 58
 $LAB^*LCH^*_{Ma}$: 51 68 59
 $lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.32 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

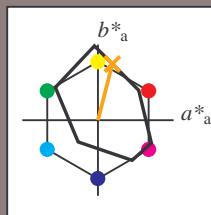


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r75j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



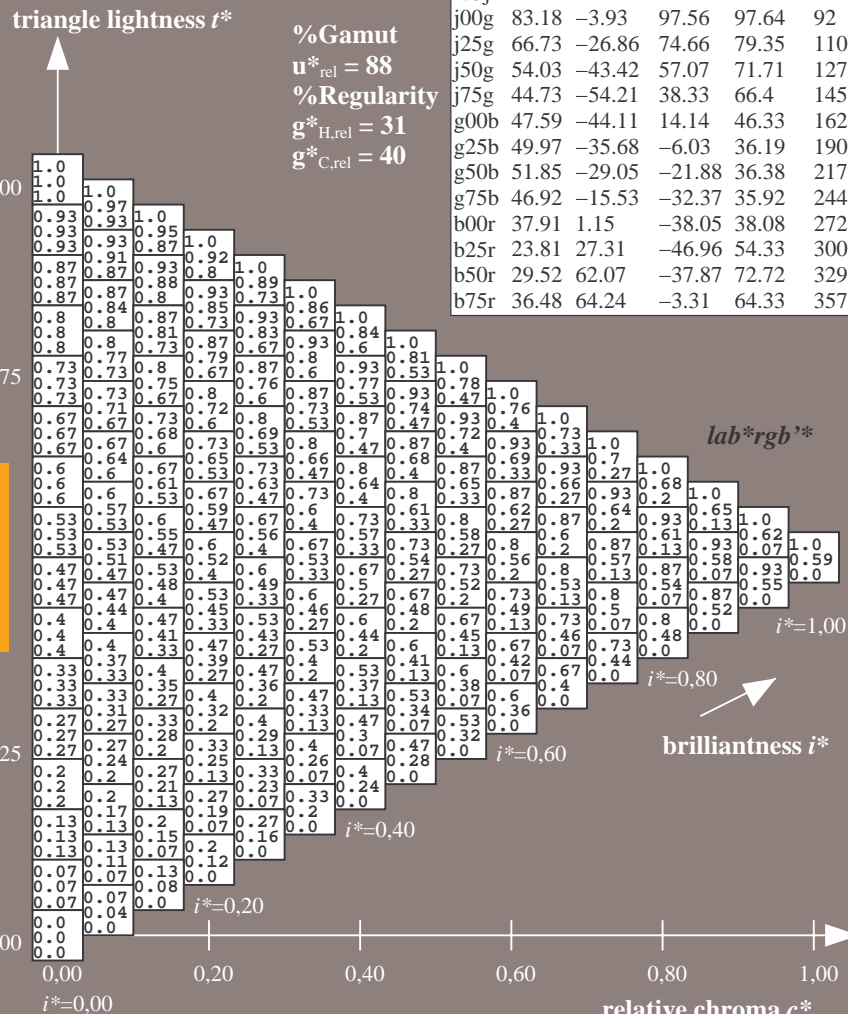
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (M_a):

$LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

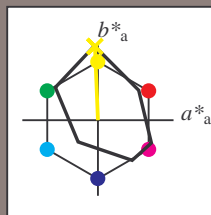


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j00g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



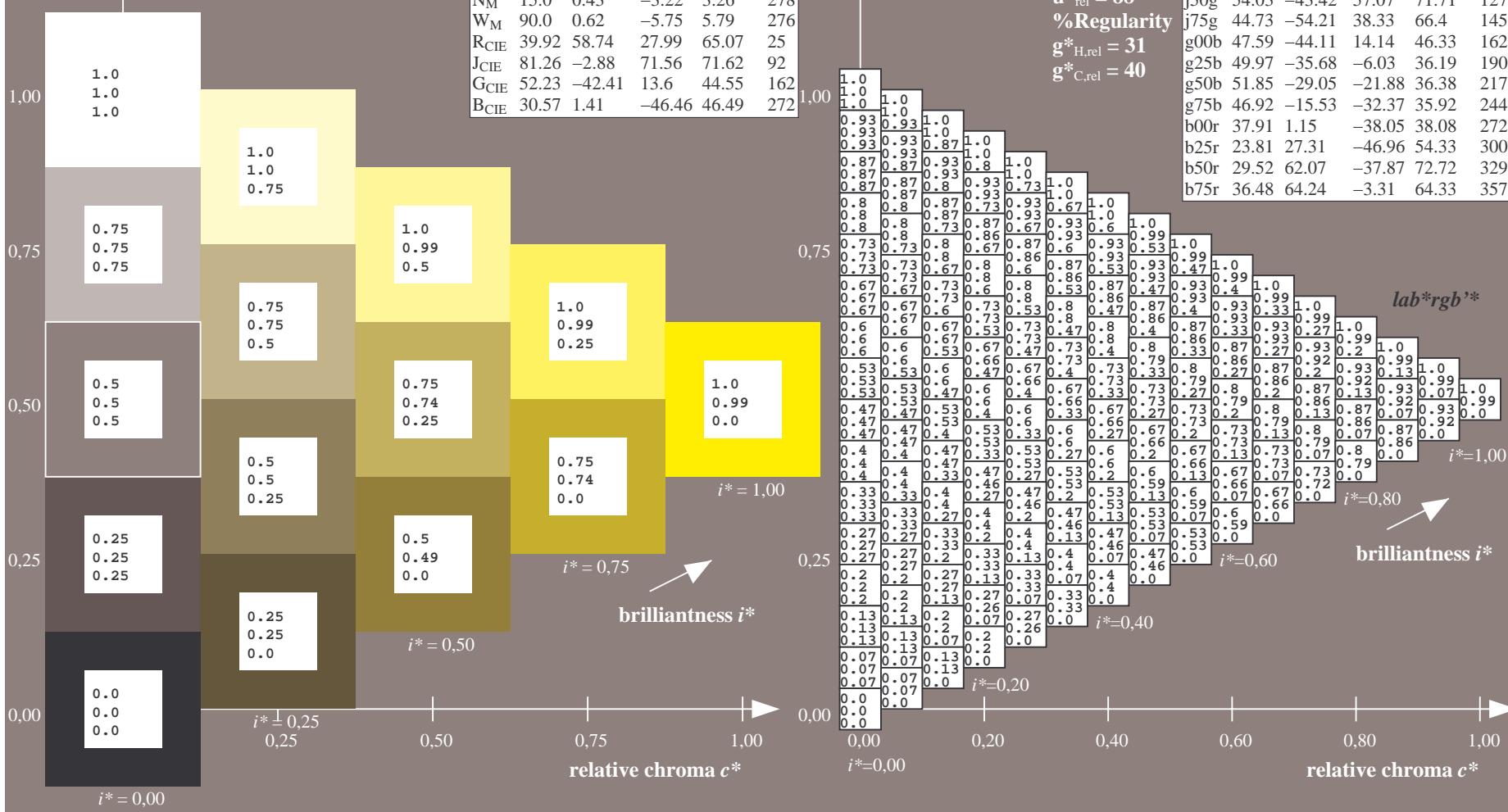
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

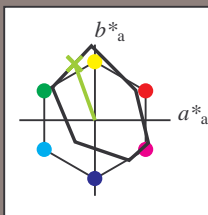
triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j25g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -26 75

$LAB^*LCH^*_{Ma}$: 67 79 110

$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0

$lab^*olv^*_{Ma}$: 0.57 1.0 0.0

triangle lightness t^*

%Gamut

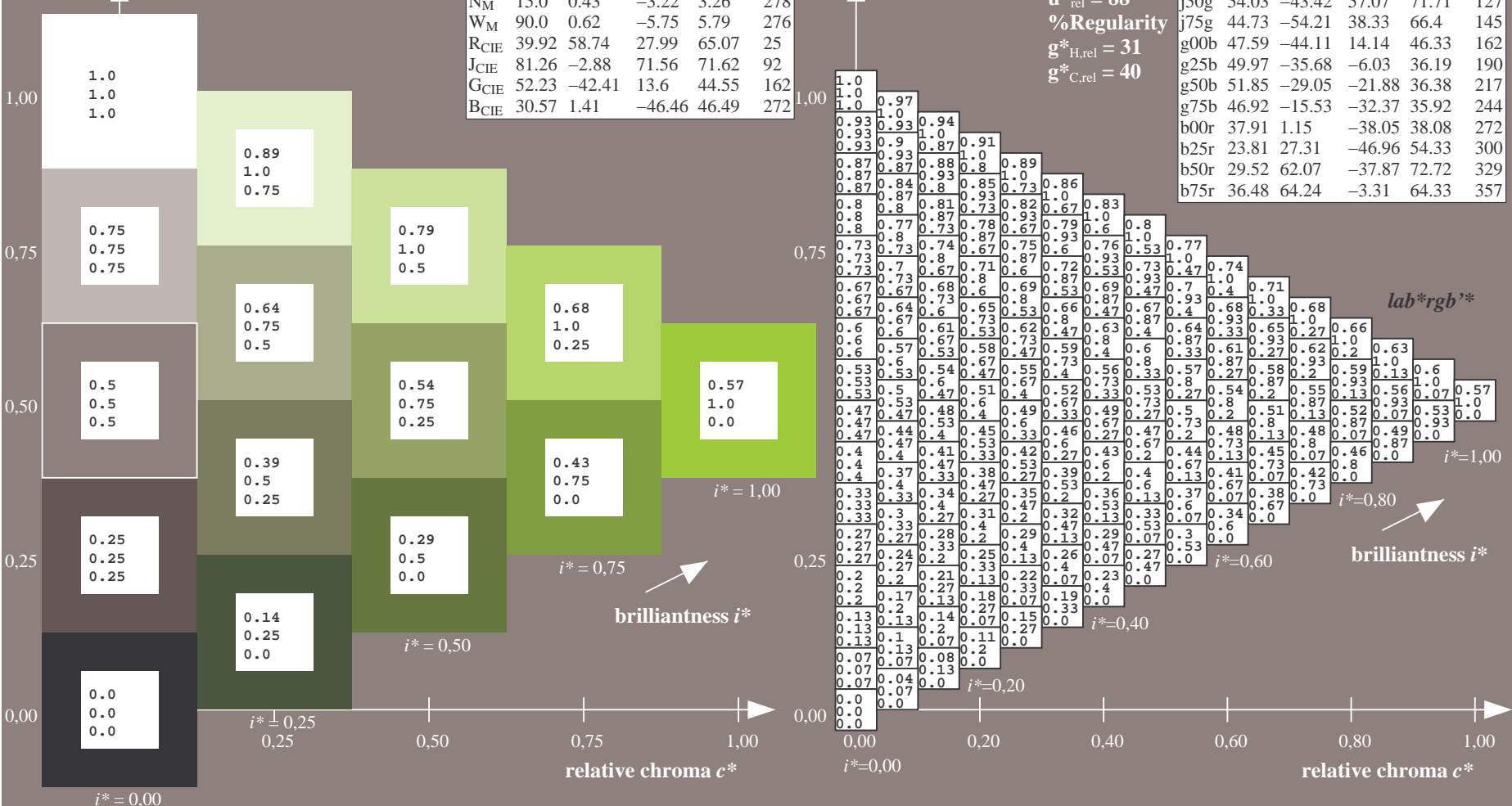
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

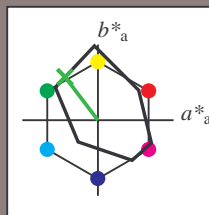


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j50g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -42 57

$LAB^*LCH^*_{Ma}$: 54 72 127

$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

triangle lightness t^*

%Gamut

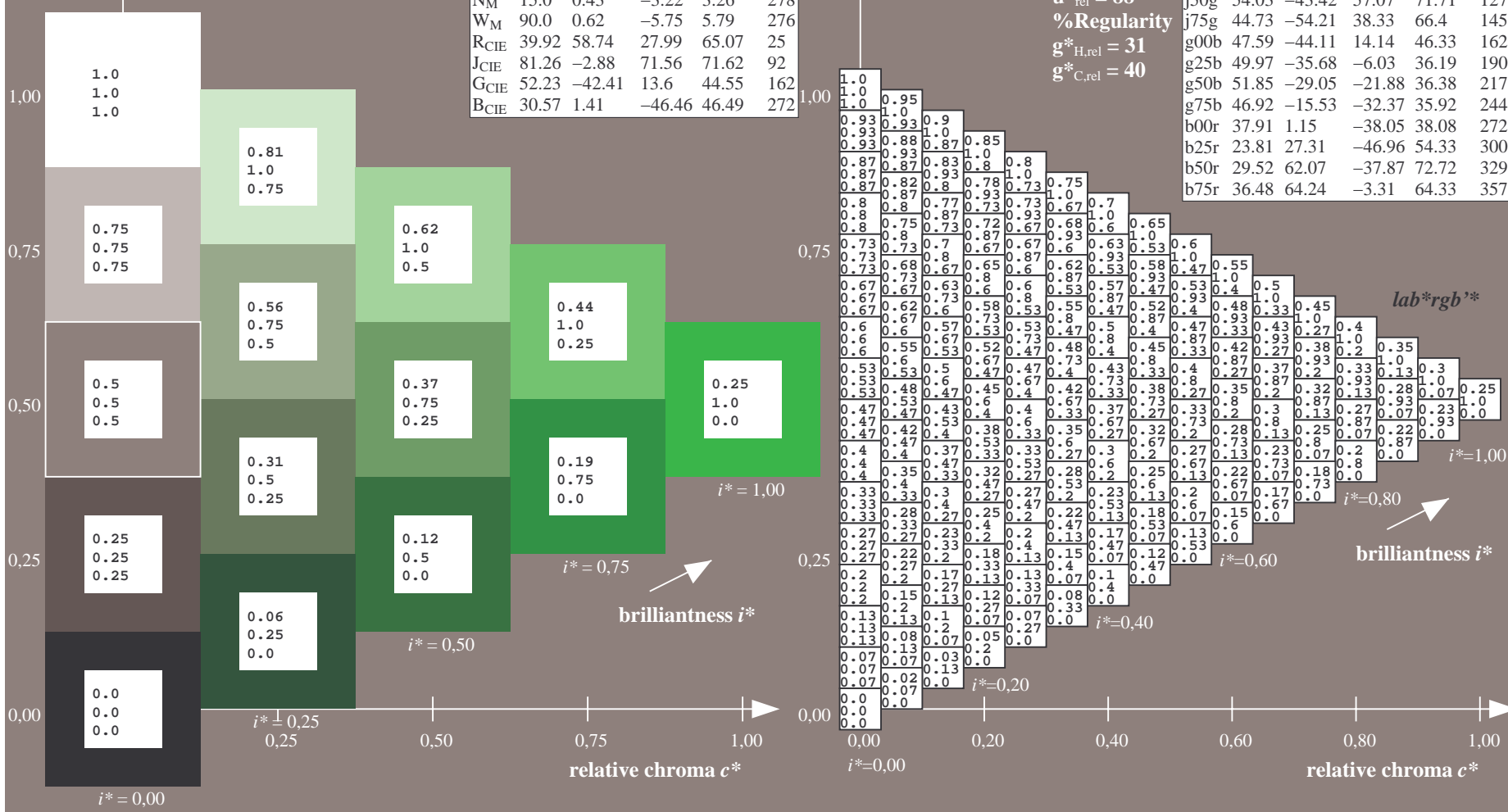
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



See for similar files: <http://www.ps.bam.de/De97/>; <http://www.ps.bam.de/De97/10L/L97E00NP.PS/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

lab^*tch^* and lab^*icu^*

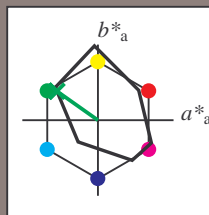
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (M_a):

$LAB^*LAB^*_{Ma}$: 45 -53 38

$LAB^*LCH^*_{Ma}$: 45 66 145

$lab^*rgb^*_{Ma}$: 0.25 1.0 0.0

$lab^*olv^*_{Ma}$: 0.0 1.0 0.07

triangle lightness t^*

%Gamut

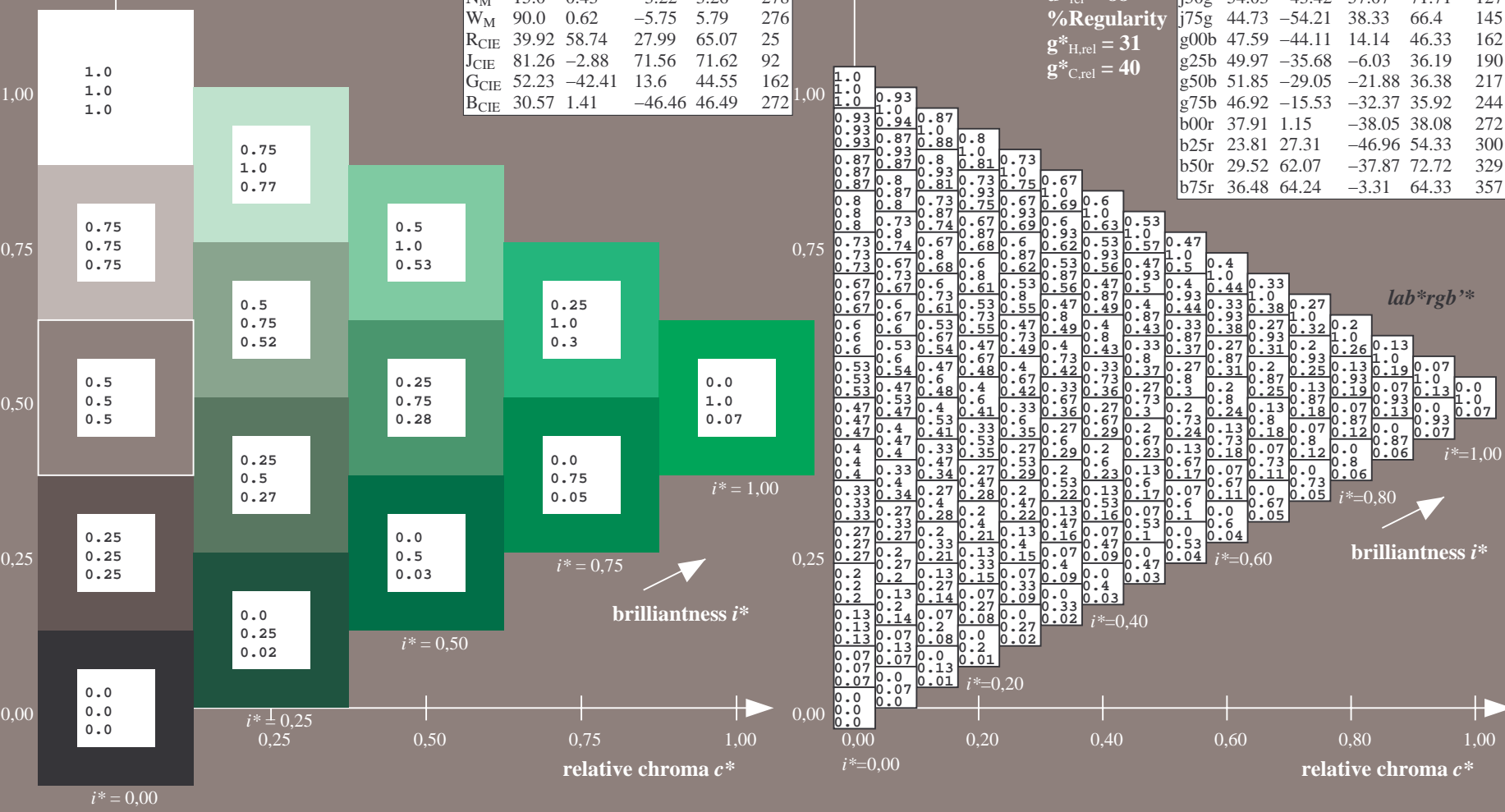
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

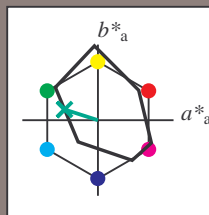


See for similar files: <http://www.ps.bam.de/De97/>; <http://www.ps.bam.de/De97/10L/L97E00NP.PS/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g00b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



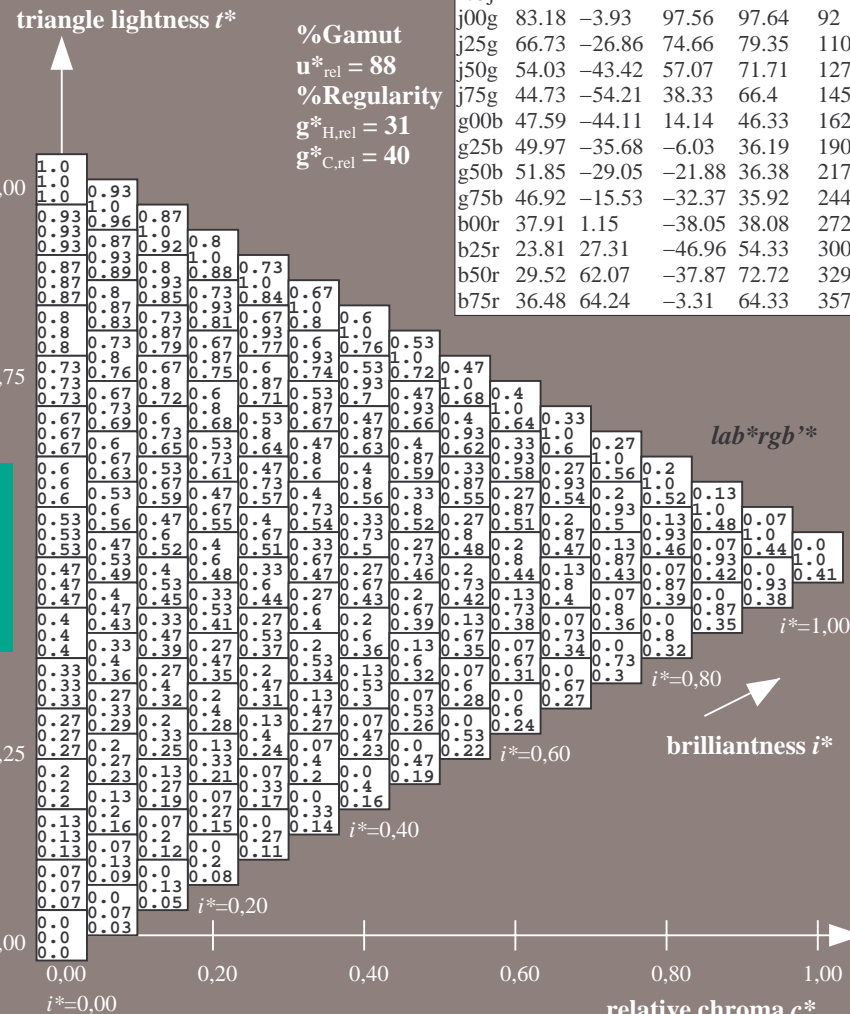
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -43 14
 $LAB^*LCH^*_{Ma}$: 48 46 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.41

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

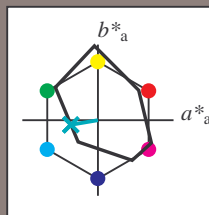


See for similar files: <http://www.ps.bam.de/De97/>; <http://www.ps.bam.de/De97/10L/L97E00NP.PS/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:
 lab^*tch^* and $lab^*ic_u^*$
 elementary hue text:
 $u^* = g25b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



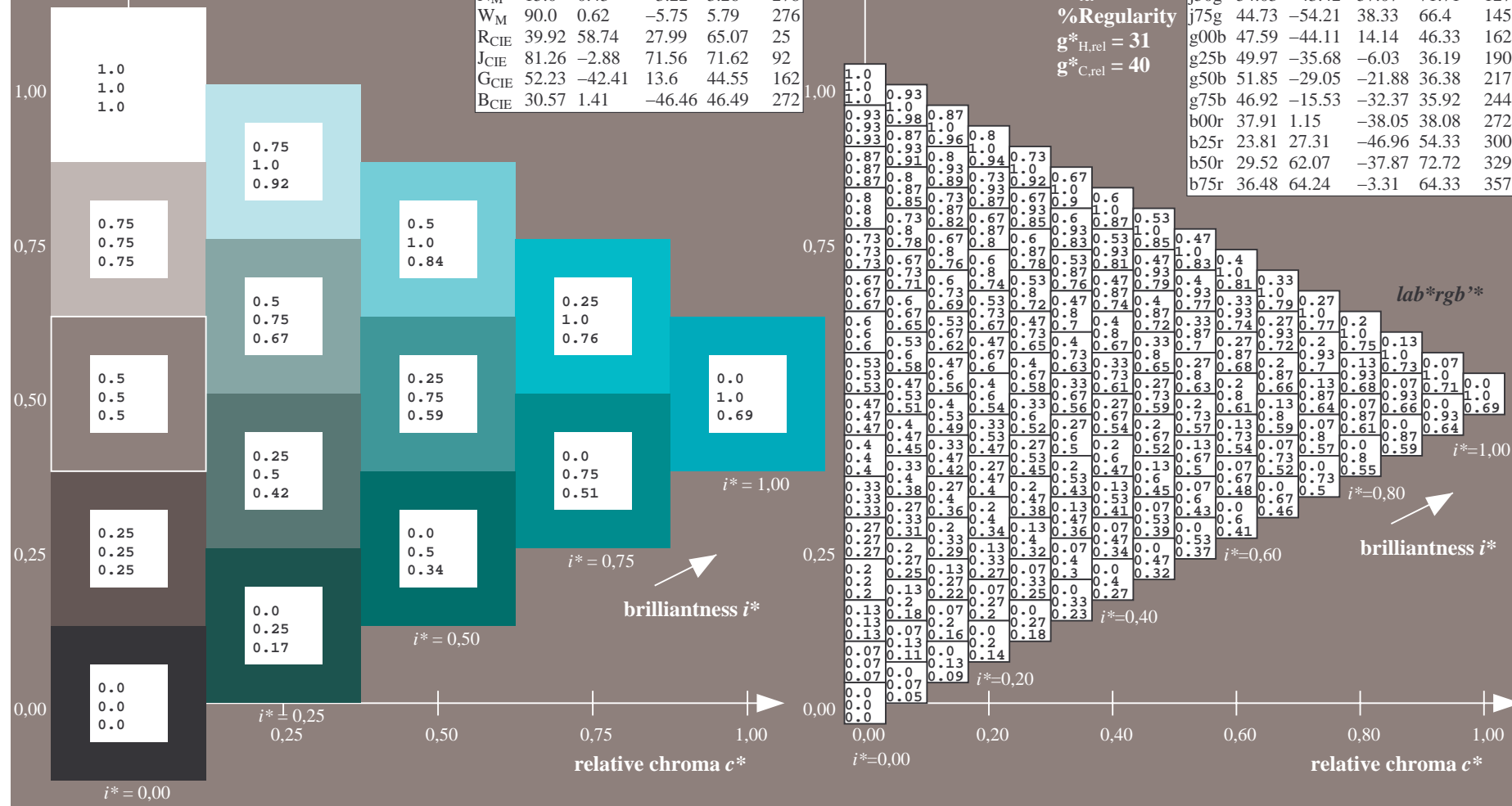
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -35 -5
 $LAB^*LCH^*_{Ma}$: 50 36 190
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.69

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

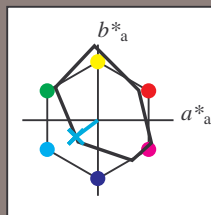


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g50b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



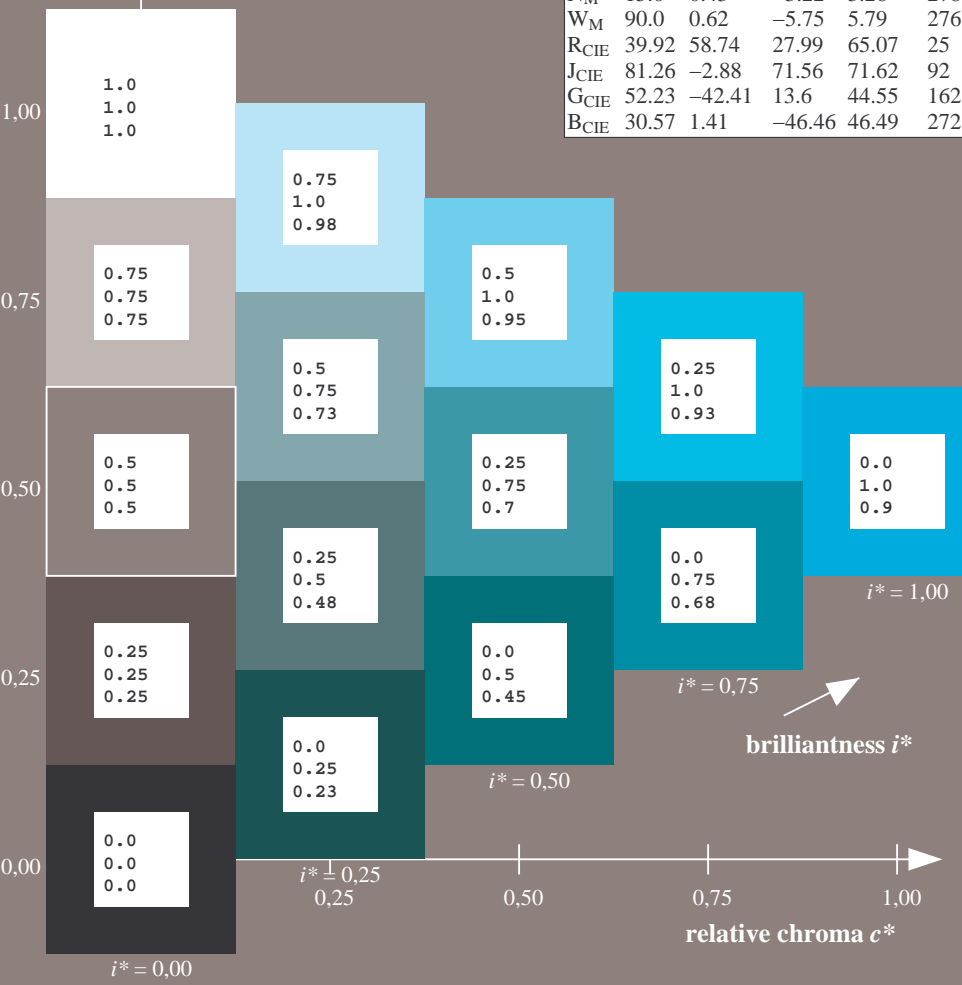
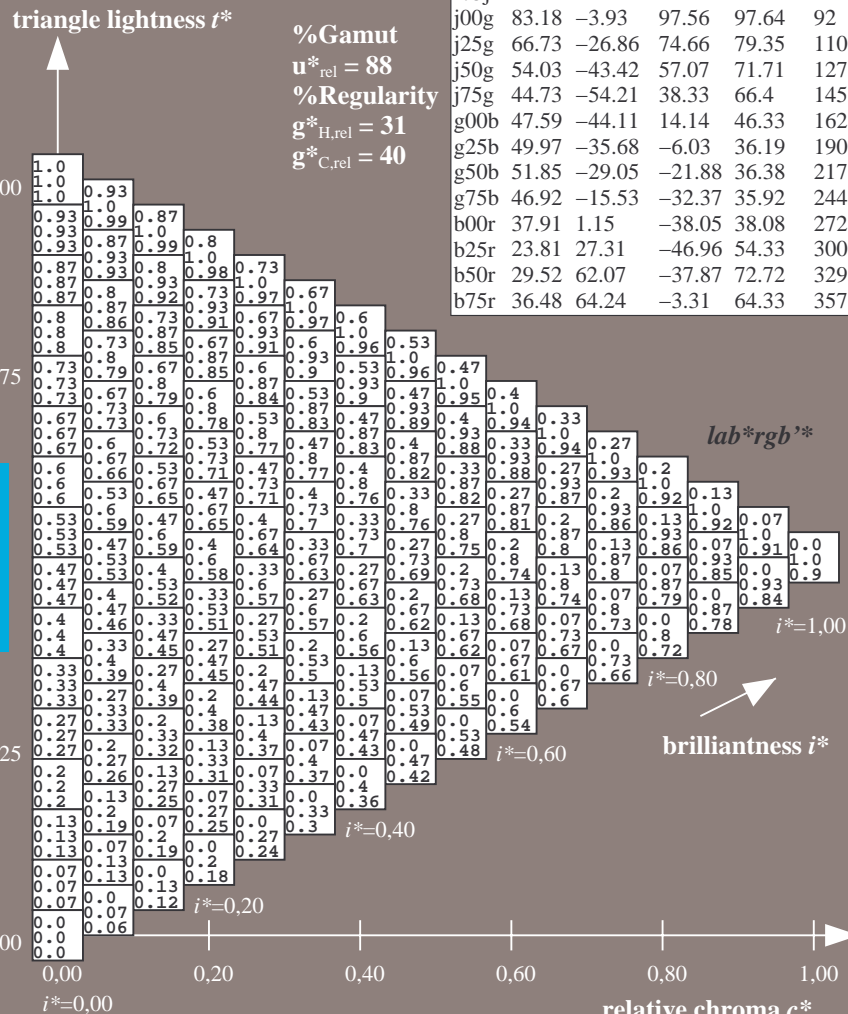
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -28 -21
 $LAB^*LCH^*_{Ma}$: 52 36 217
 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.9

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

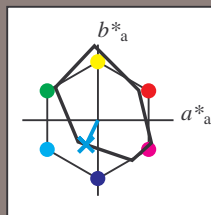


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPX=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g75b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



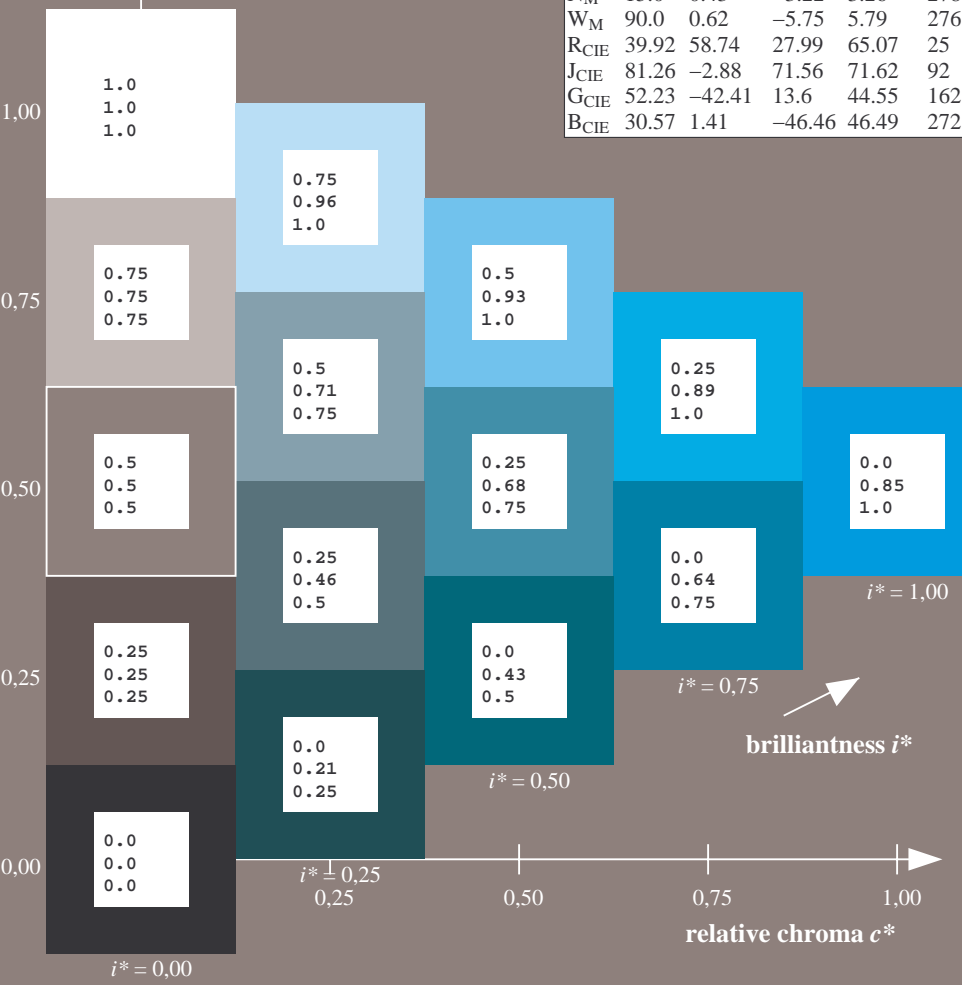
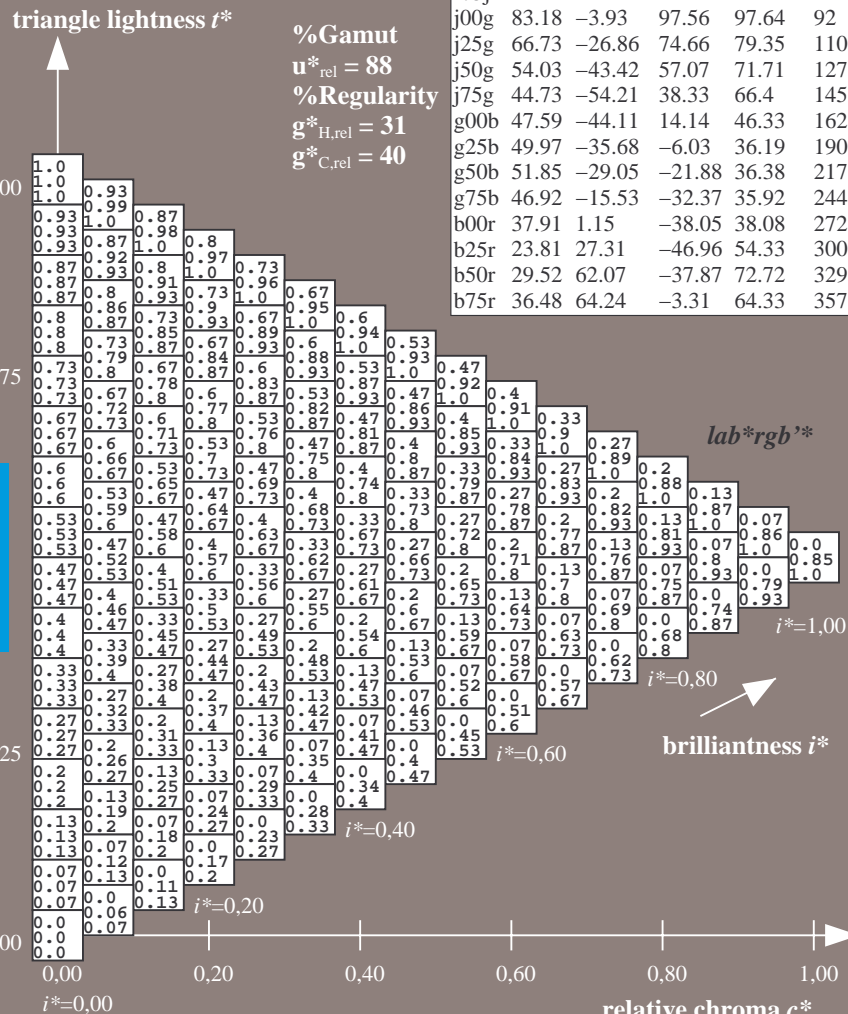
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -15 -31
 $LAB^*LCH^*_{Ma}$: 47 36 244
 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.85 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

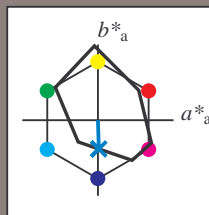
%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b00r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



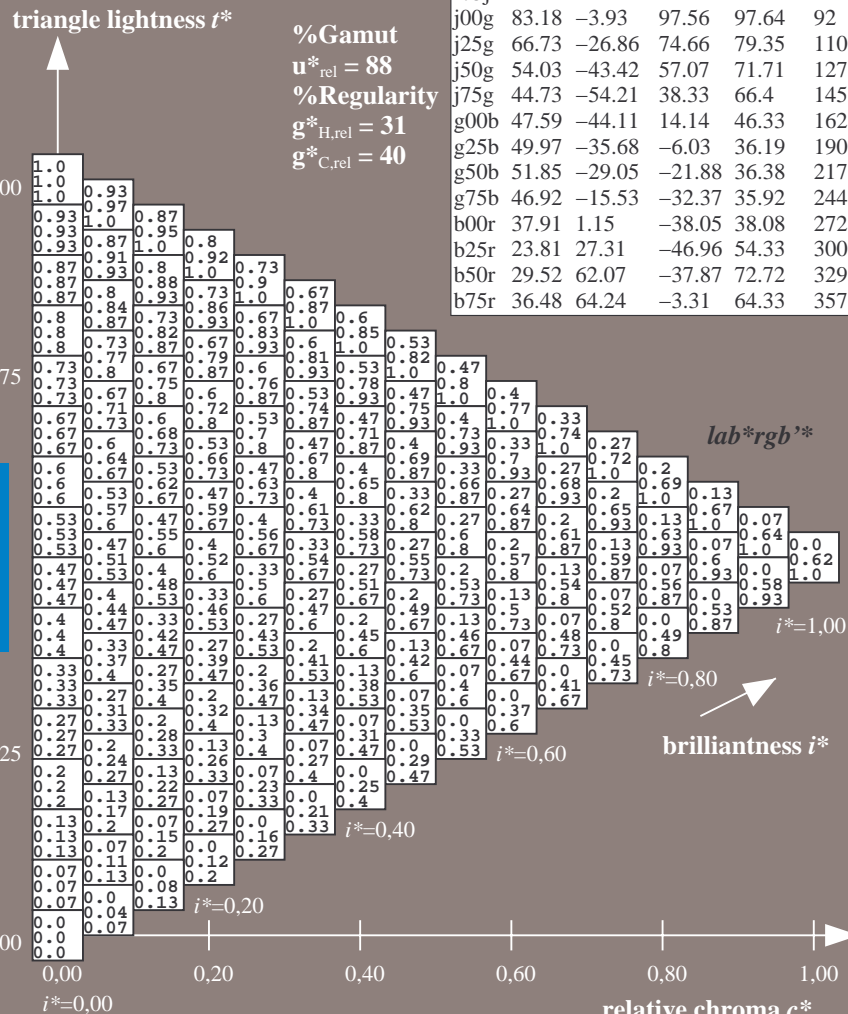
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -37
 $LAB^*LCH^*_{Ma}$: 38 38 272
 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.62 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

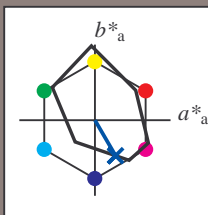


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b25r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 27 -46

$LAB^*LCH^*_{Ma}$: 24 54 300

$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.25 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

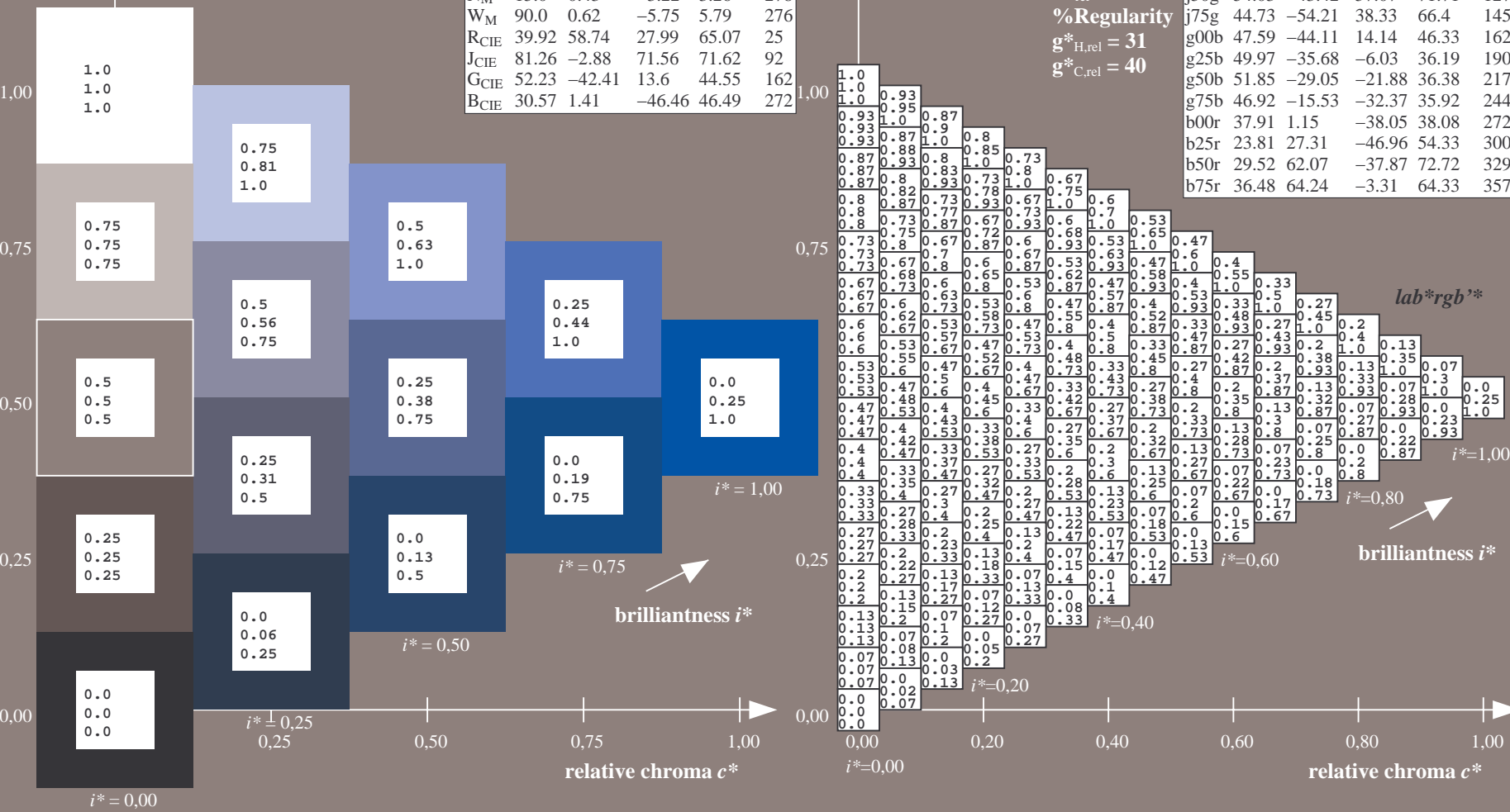
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

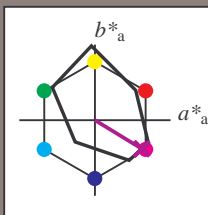
FRS15_90a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b50r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



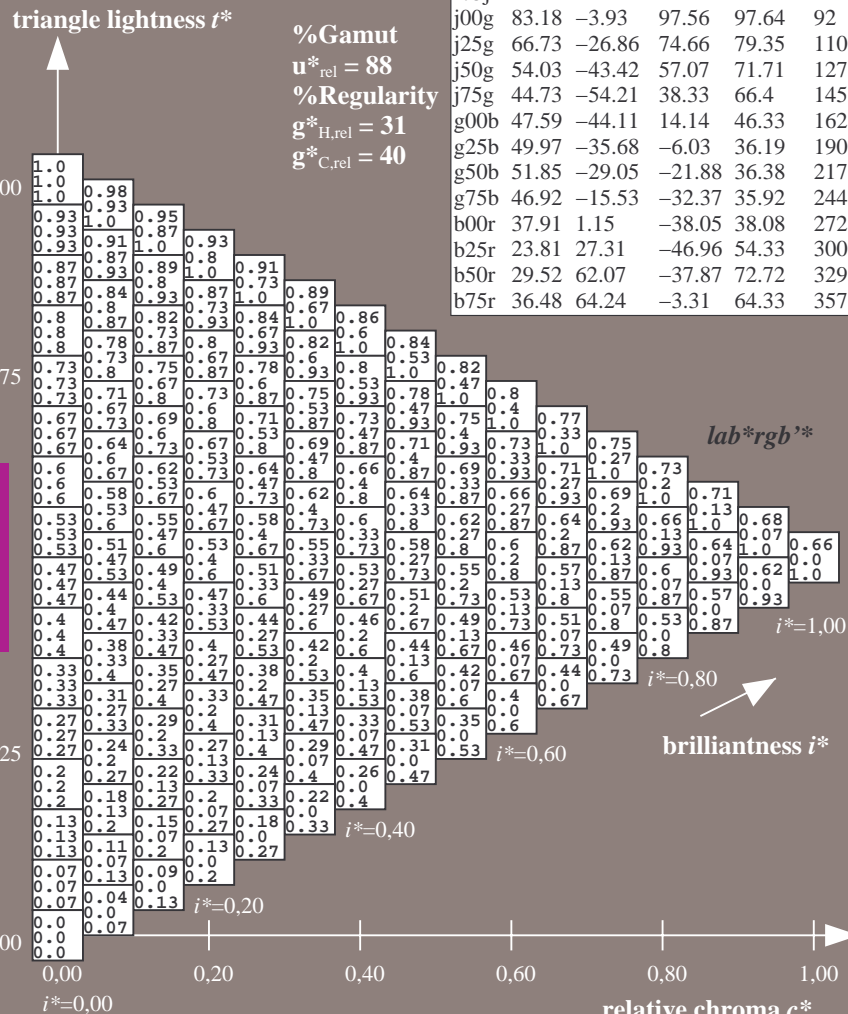
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 62 -37
 $LAB^*LCH^*_{Ma}$: 30 73 329
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.66 0.0 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

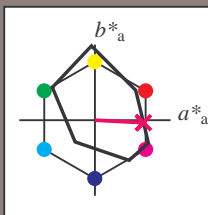


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b75r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



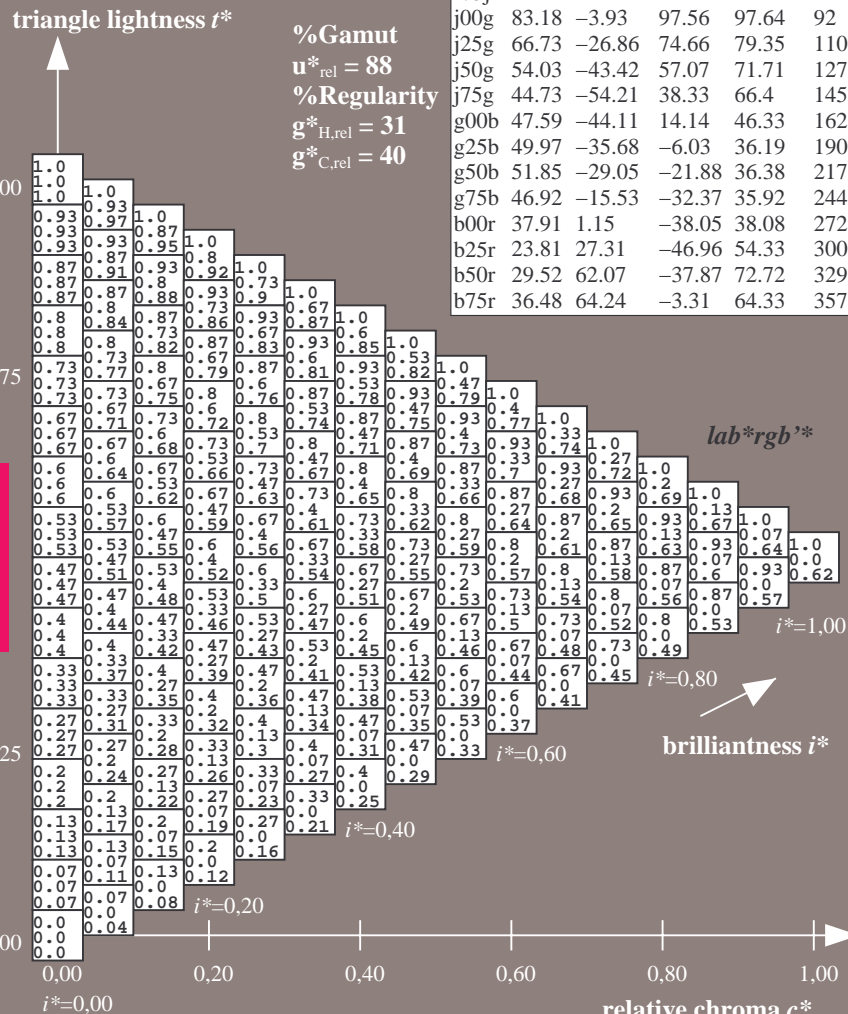
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 64 -2
 $LAB^*LCH^*_{Ma}$: 36 64 357
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.62

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



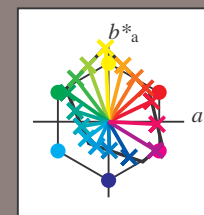
BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>;
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpX=0

Input and output:
 Colorimetric Printer Reflective System FRS15_90a
 data for any colour:
*lab**tch*** and *lab**icu***
 elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
 contrast reduction factor:
 $c_R = 0.9$

FRS15_90a; adapted (a) CIELAB data

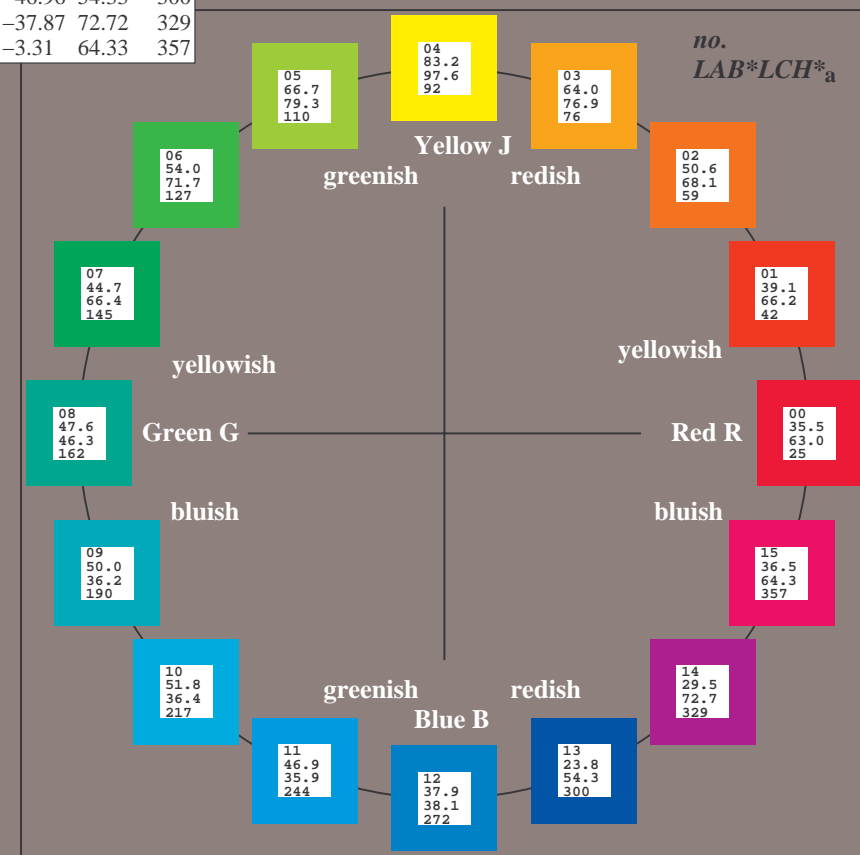
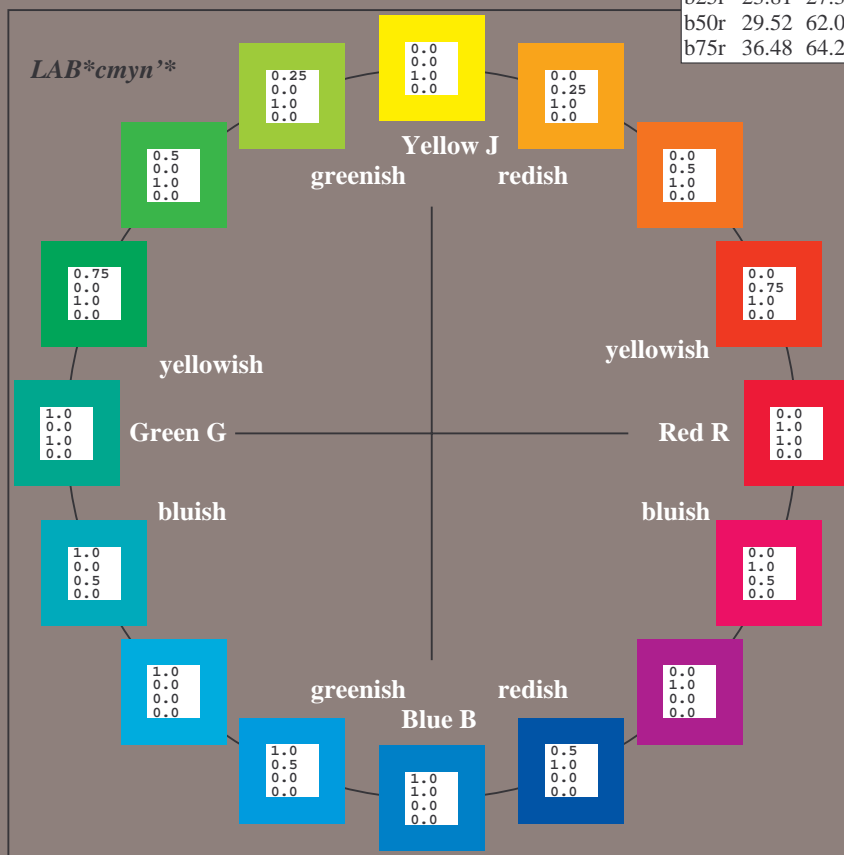
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

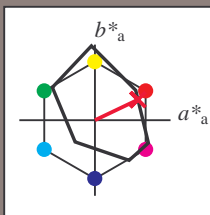


See for similar files: <http://www.ps.bam.de/De97/>;
<http://www.ps.bam.de/De97/10L/L97E00NP.PS/>;
<http://www.ps.bam.de/De97/10L/L97E00NP.PS/.PDF>;
 Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/.PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r00j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

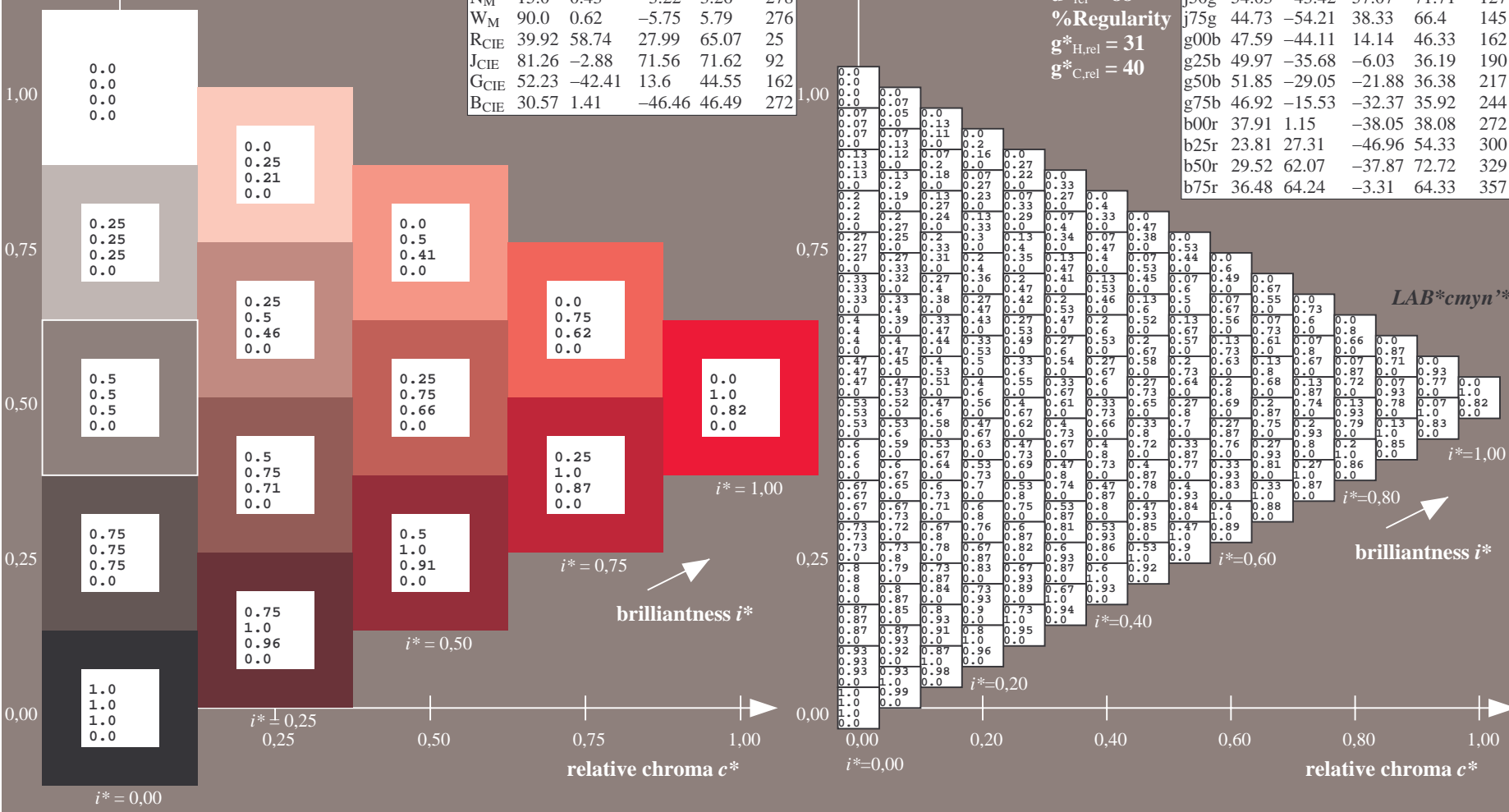
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 57 27
 $LAB^*LCH^*_{Ma}$: 35 63 25
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
r25j	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

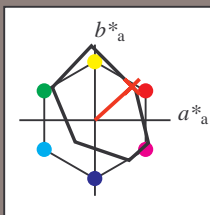


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r25j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



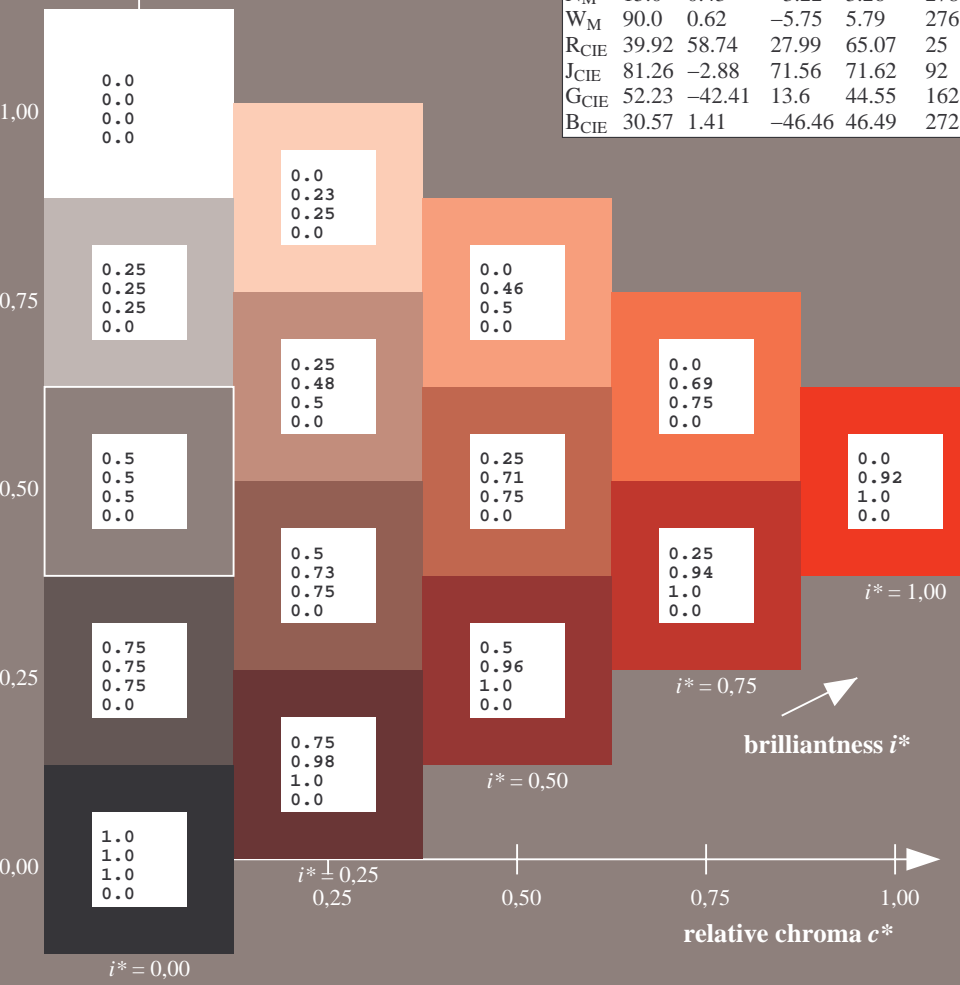
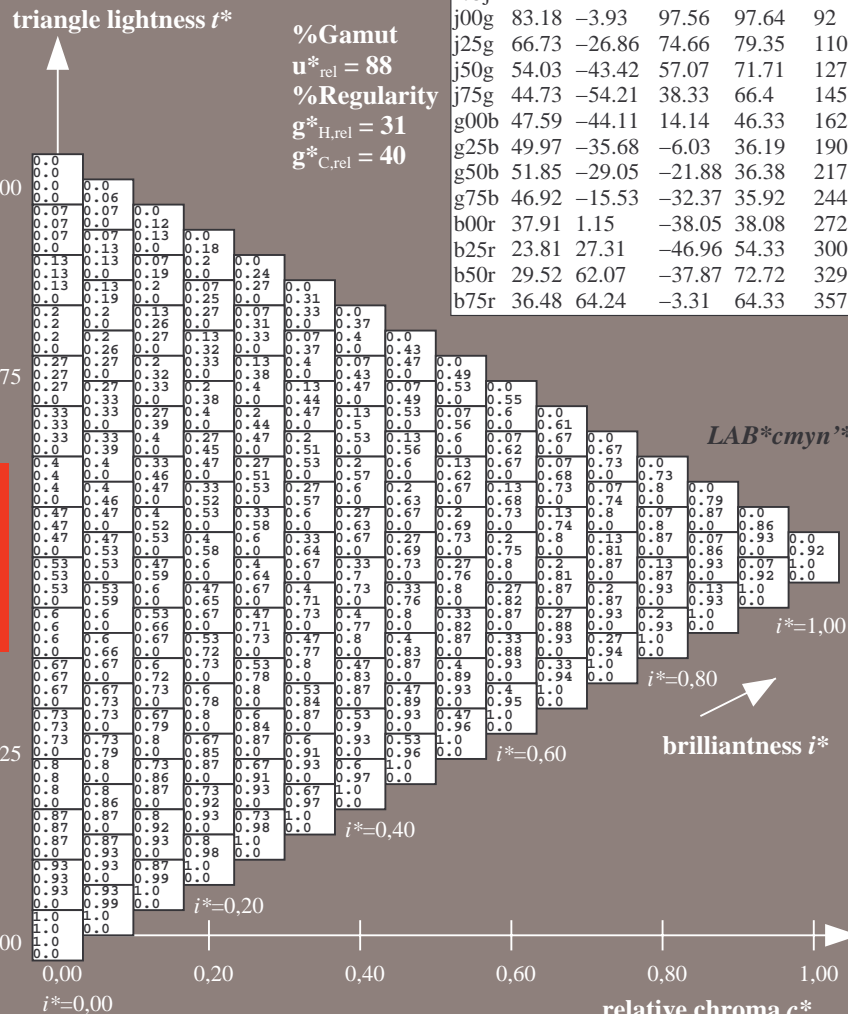
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
r25j	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

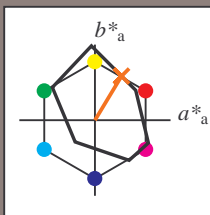


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r50j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 35 58
 $LAB^*LCH^*_{Ma}$: 51 68 59
 $lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.32 0.0

triangle lightness t^*

%Gamut

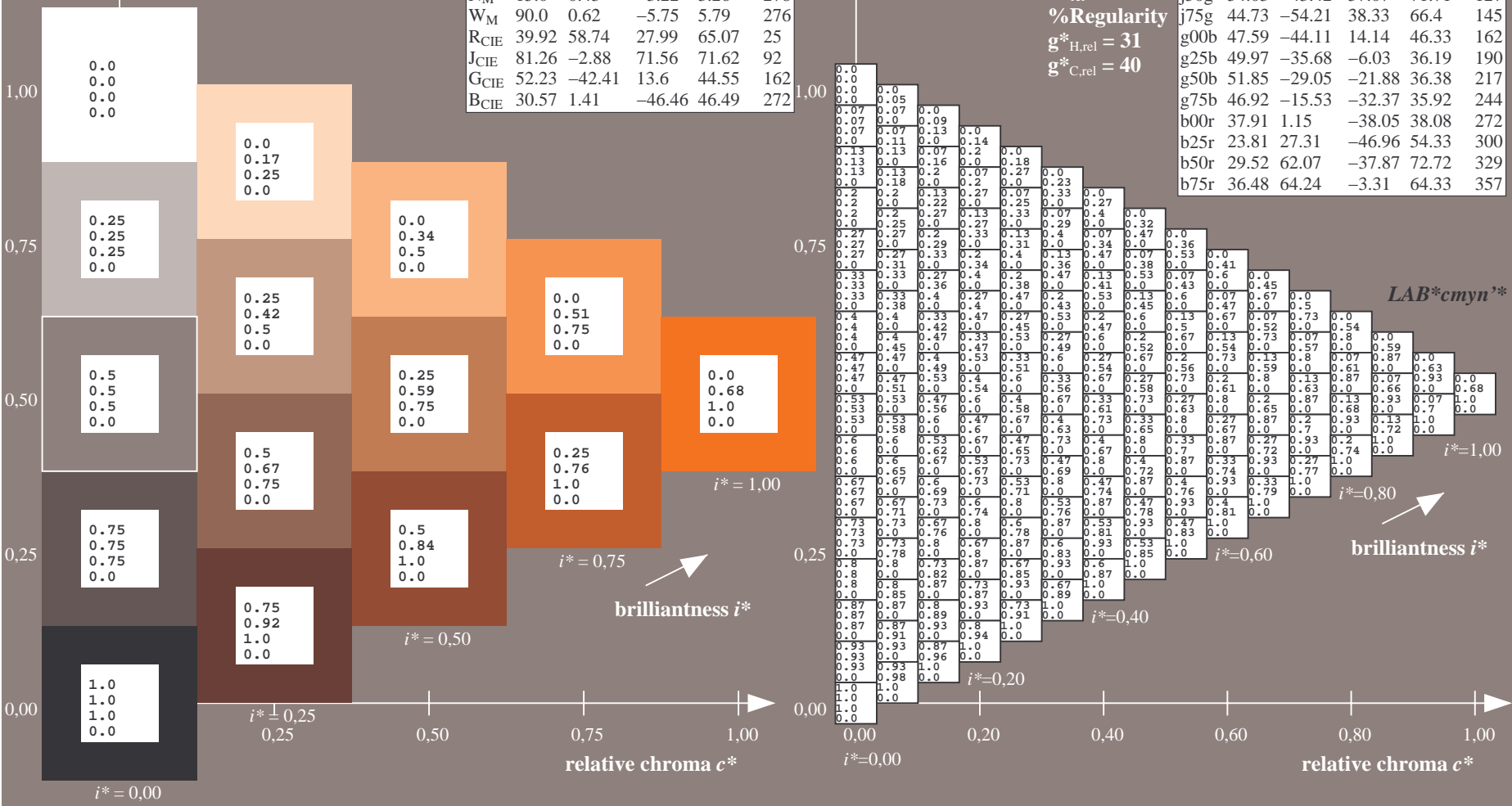
$u^*_{rel} = 88$

%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

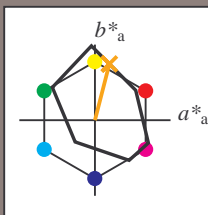


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = r75j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



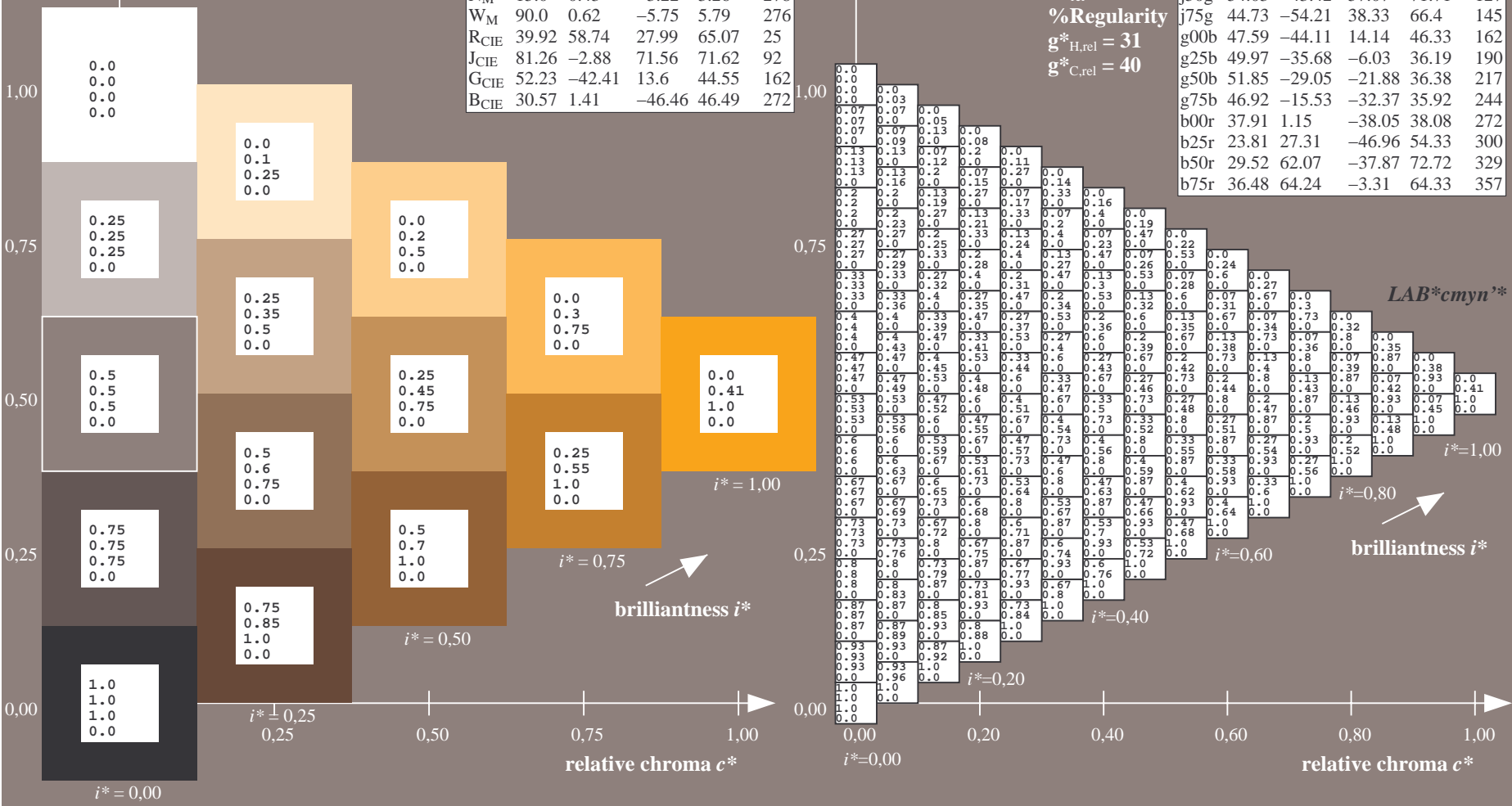
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

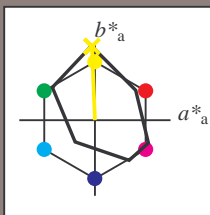


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j00g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

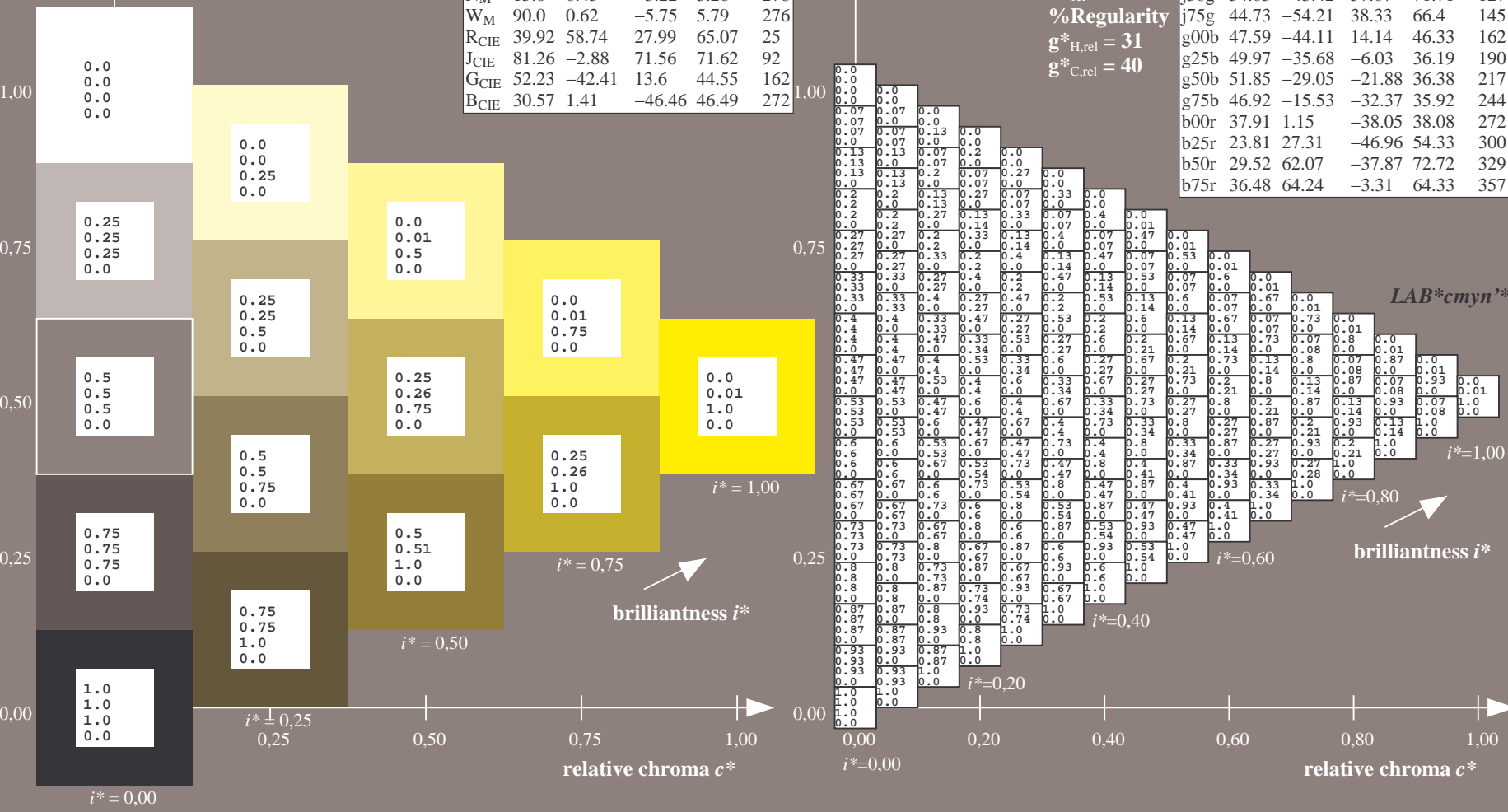
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
r25j	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

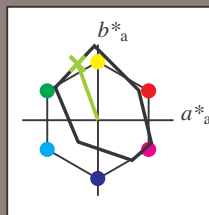


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j25g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



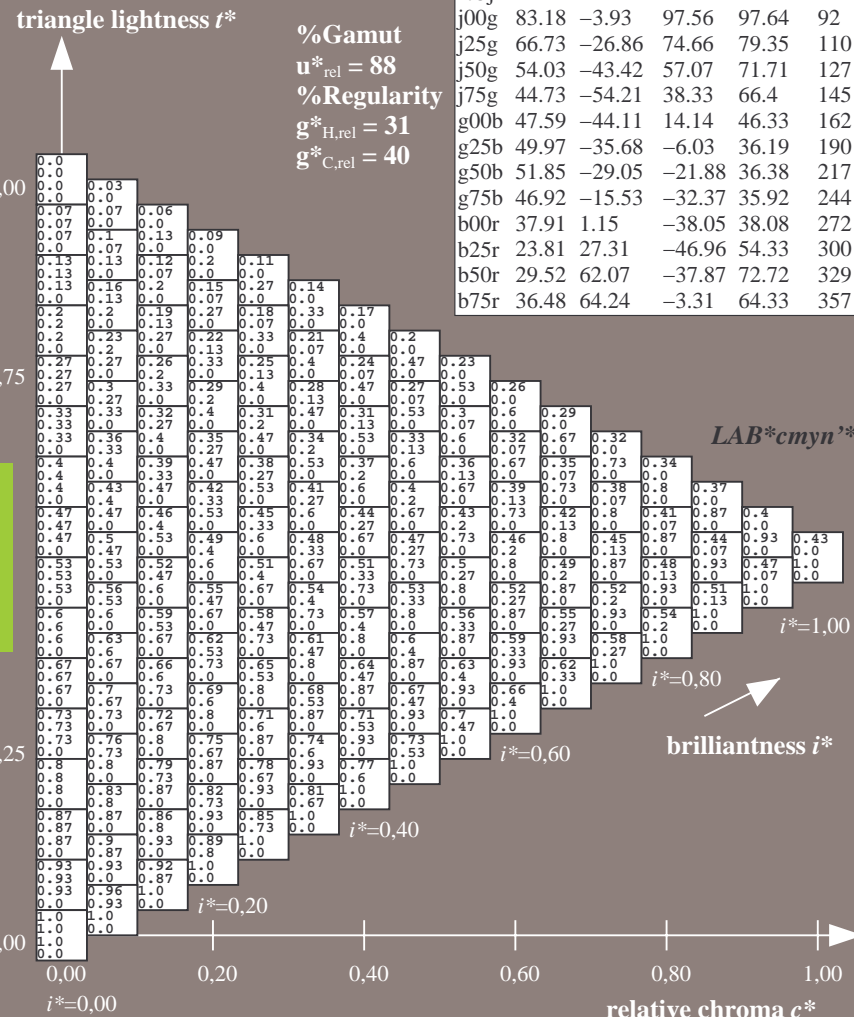
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -26 75
 $LAB^*LCH^*_{Ma}$: 67 79 110
 $lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.57 1.0 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

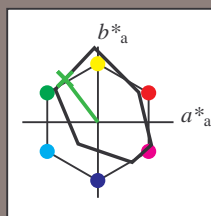


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j50g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



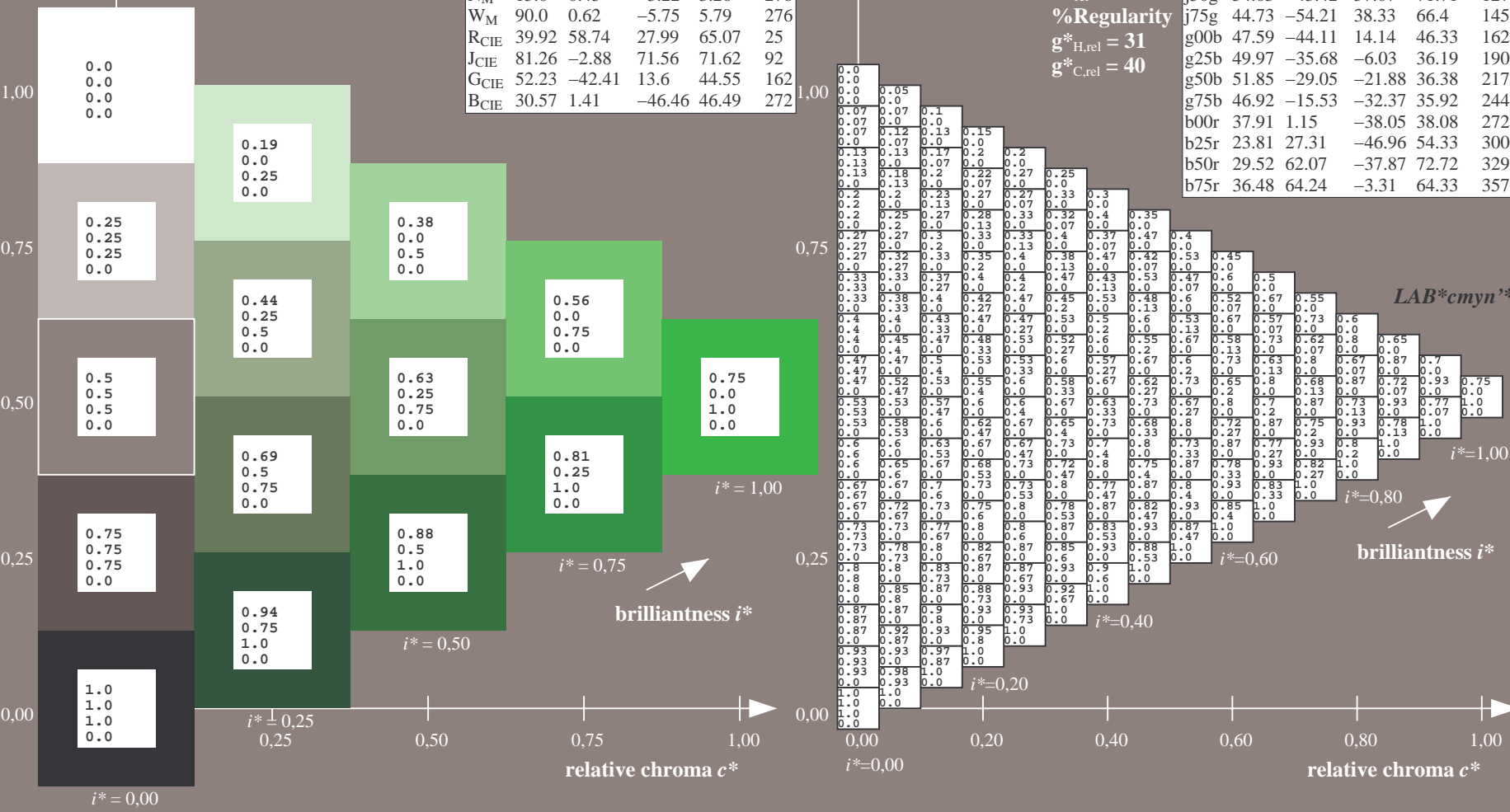
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -42 57
 $LAB^*LCH^*_{Ma}$: 54 72 127
 $lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.25 1.0 0.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

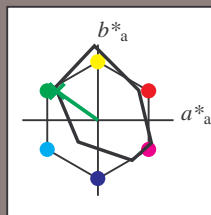


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = j75g$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

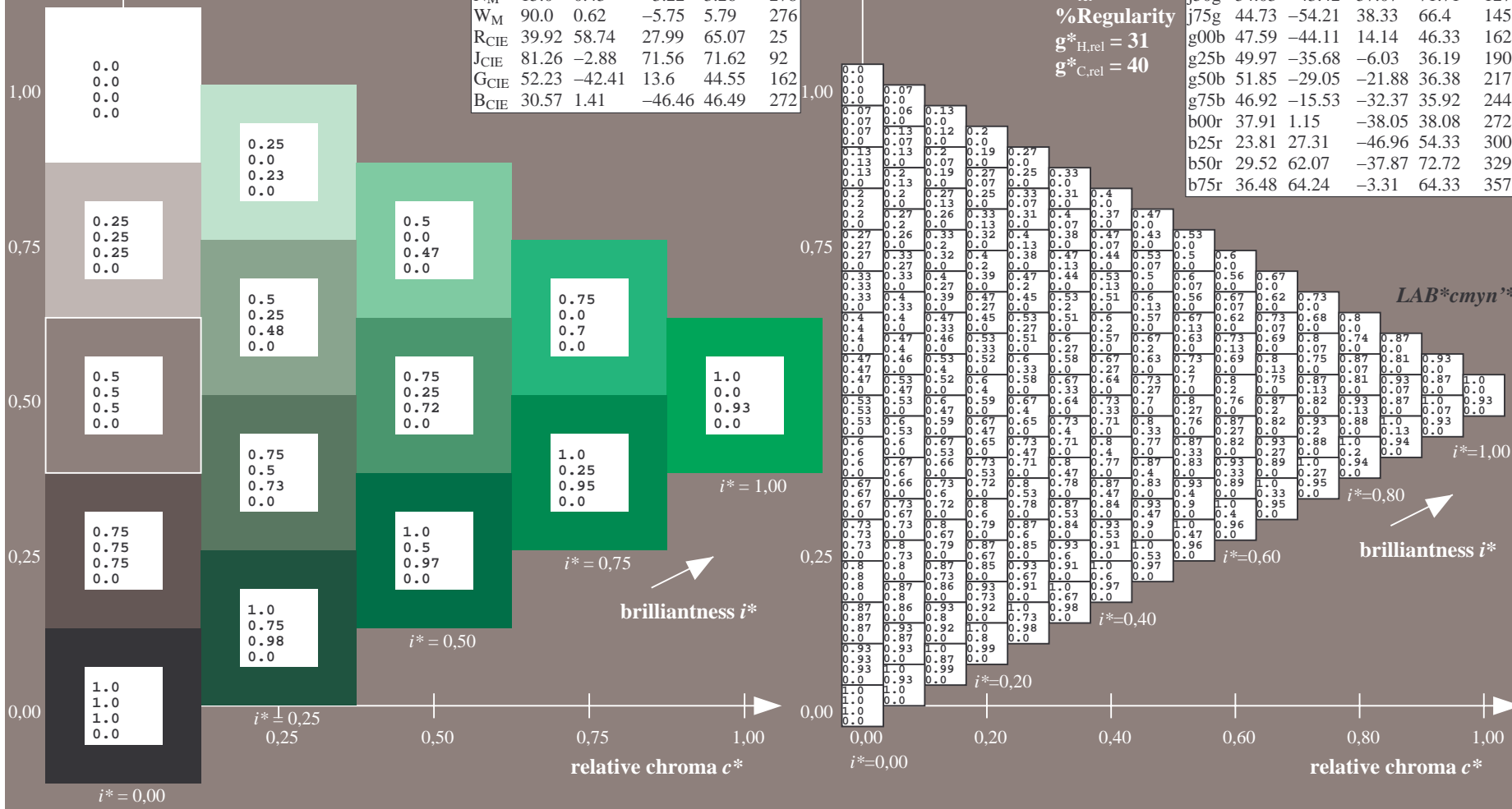
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -53 38
 $LAB^*LCH^*_{Ma}$: 45 66 145
 $lab^*rgb^*_{Ma}$: 0.25 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.07

$u^* = j75g$
 $LAB^*cmy^n^*$

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

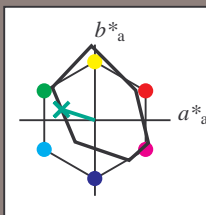
%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g00b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



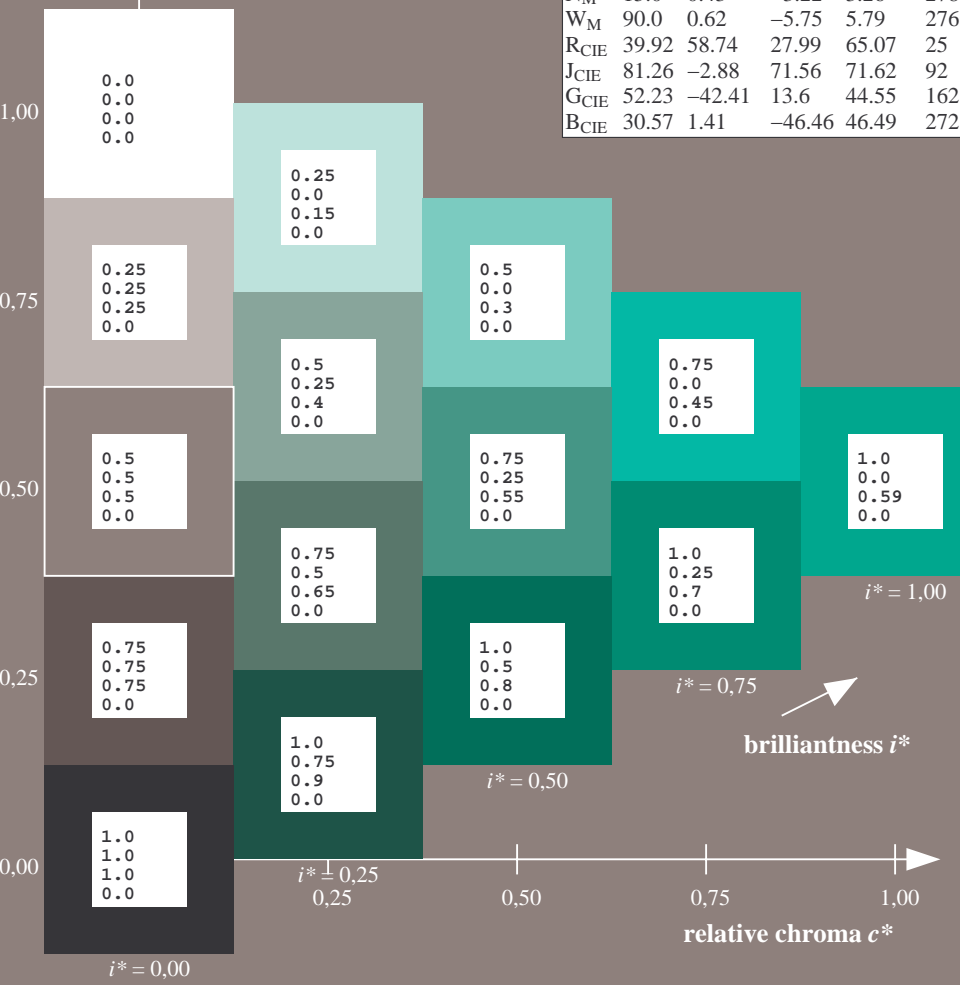
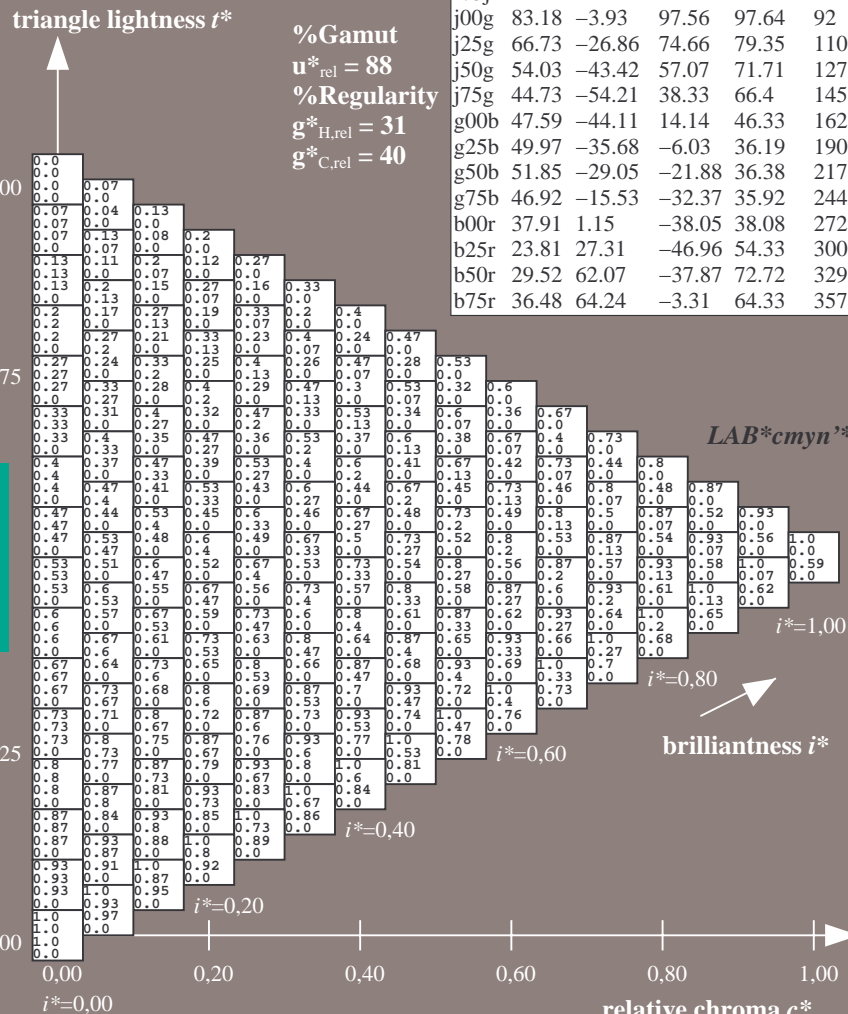
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -43 14
 $LAB^*LCH^*_{Ma}$: 48 46 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.41

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

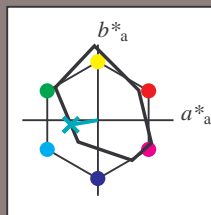
%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g25b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



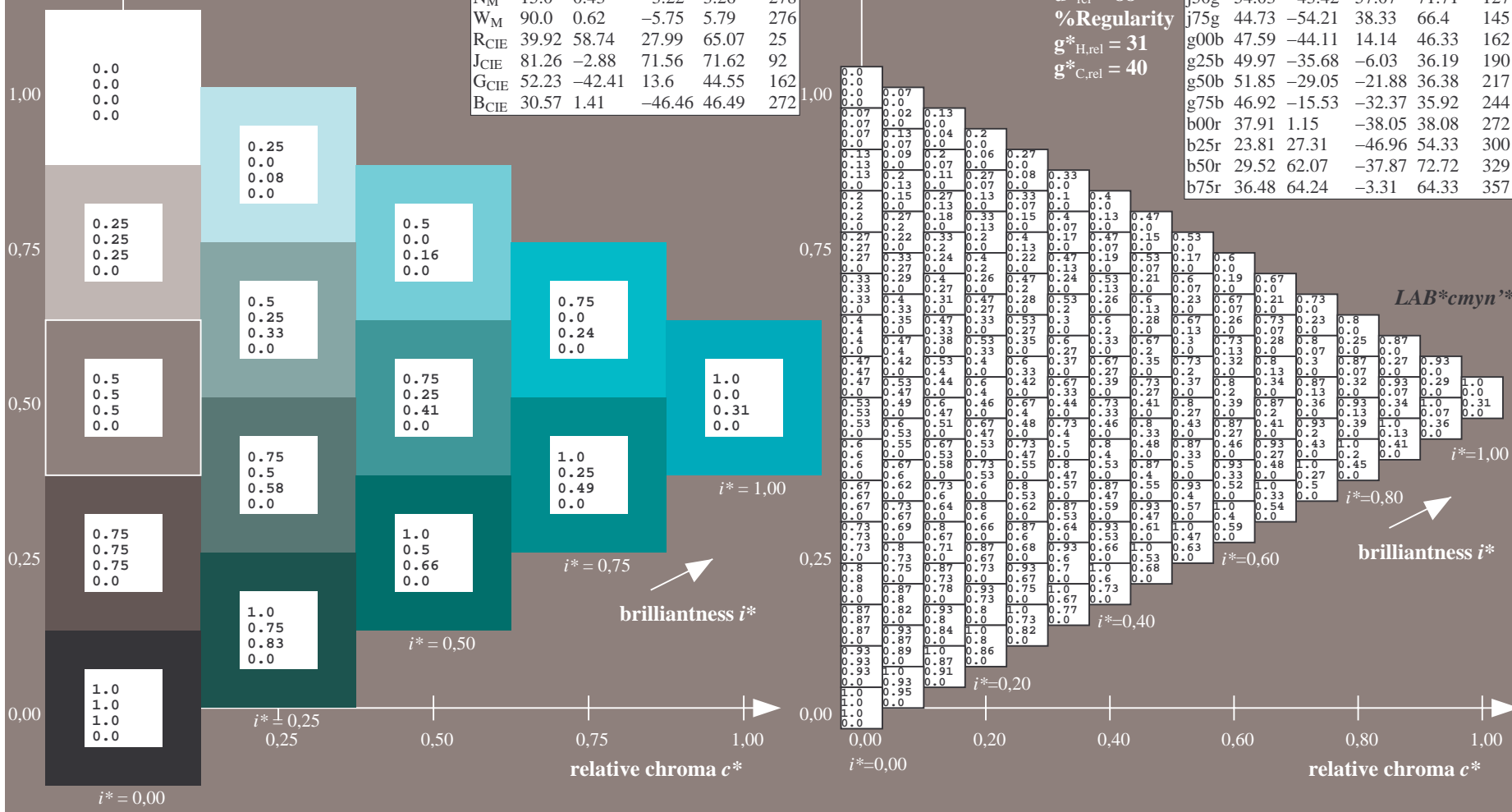
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -35 -5
 $LAB^*LCH^*_{Ma}$: 50 36 190
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.69

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

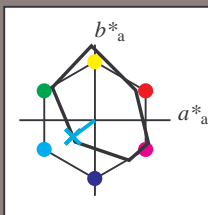


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De97/10L/L97E00NP.PS/
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g50b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



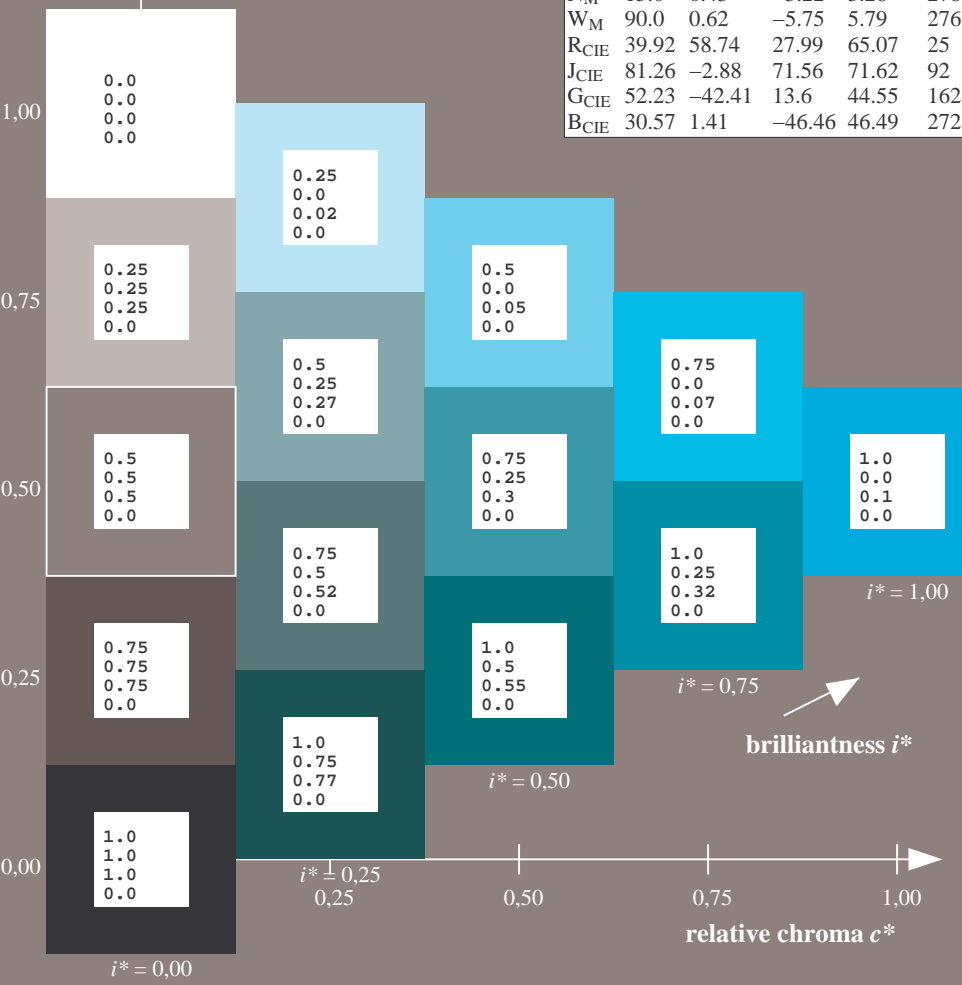
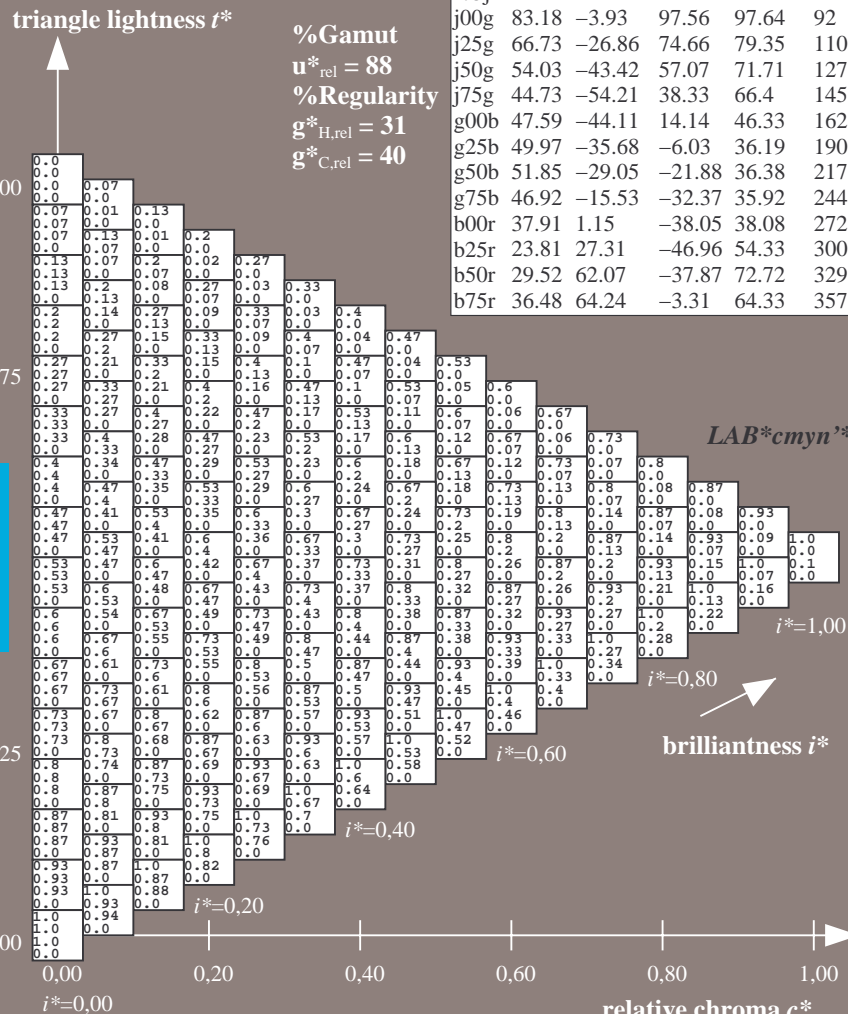
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -28 -21
 $LAB^*LCH^*_{Ma}$: 52 36 217
 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.9

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

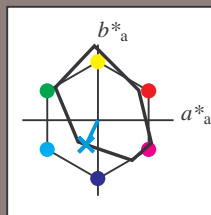


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSPx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = g75b$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



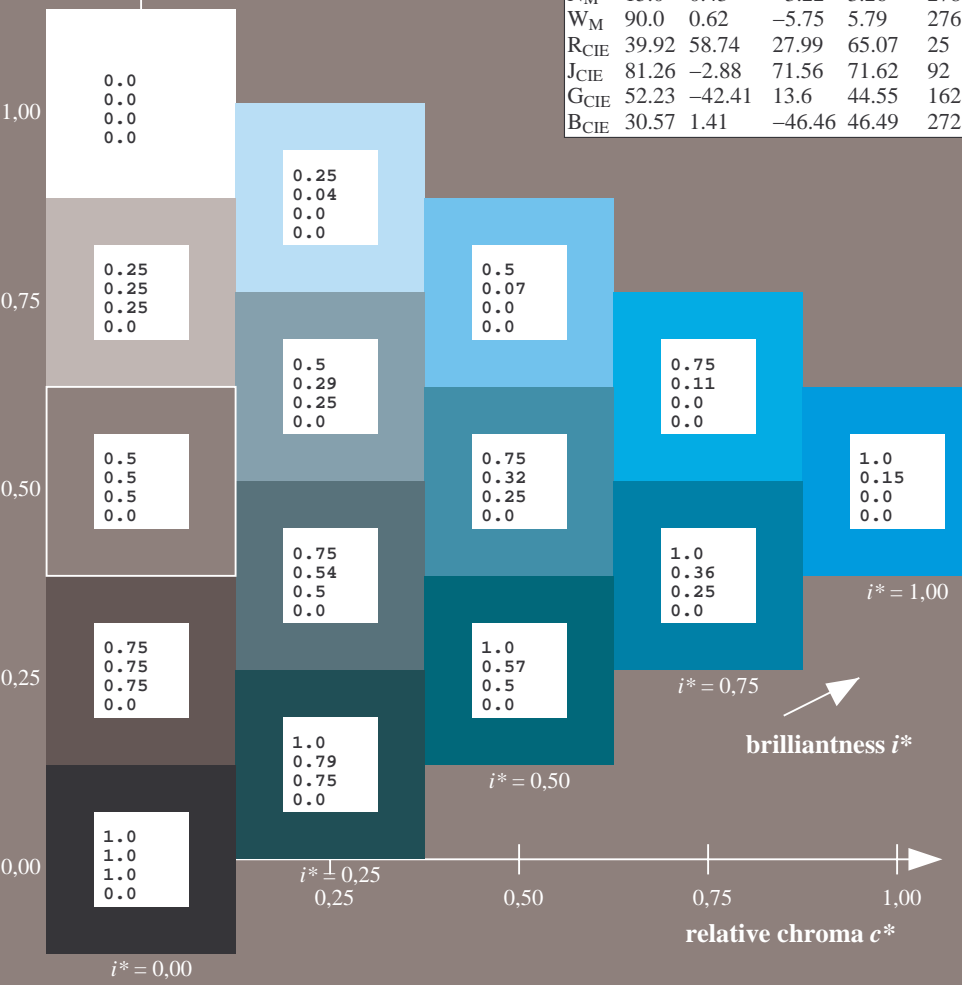
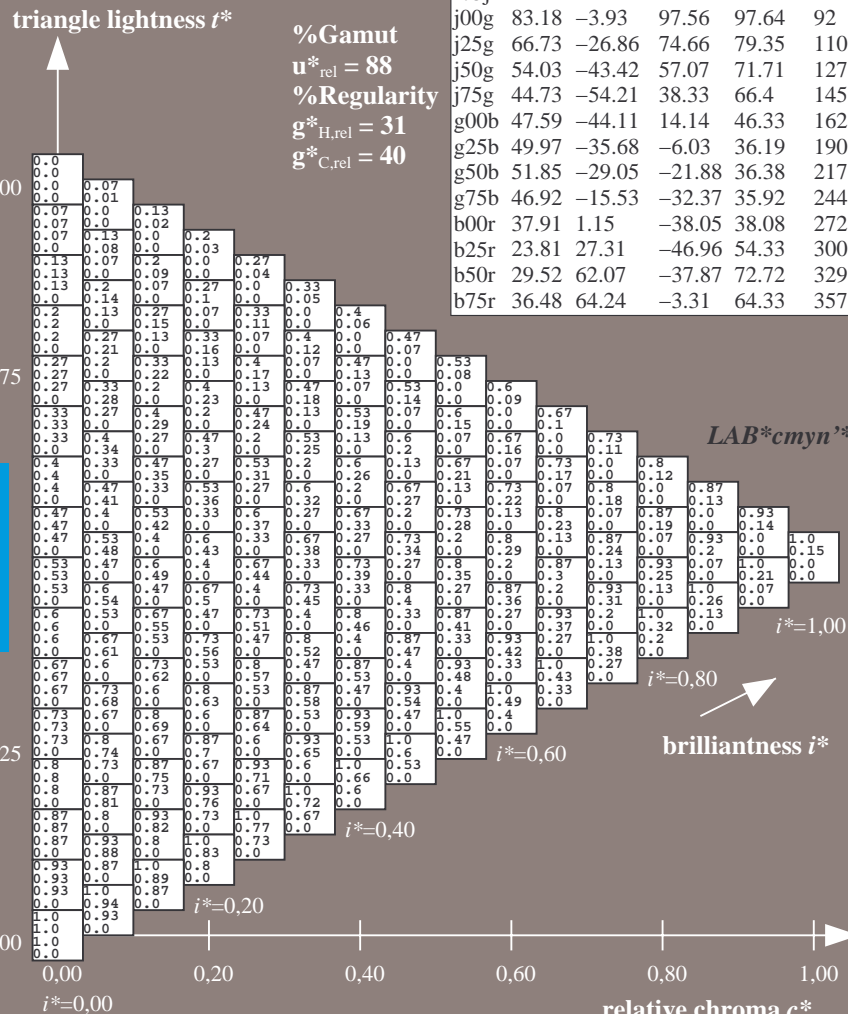
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -15 -31
 $LAB^*LCH^*_{Ma}$: 47 36 244
 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.85 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

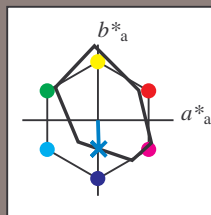


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b00r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



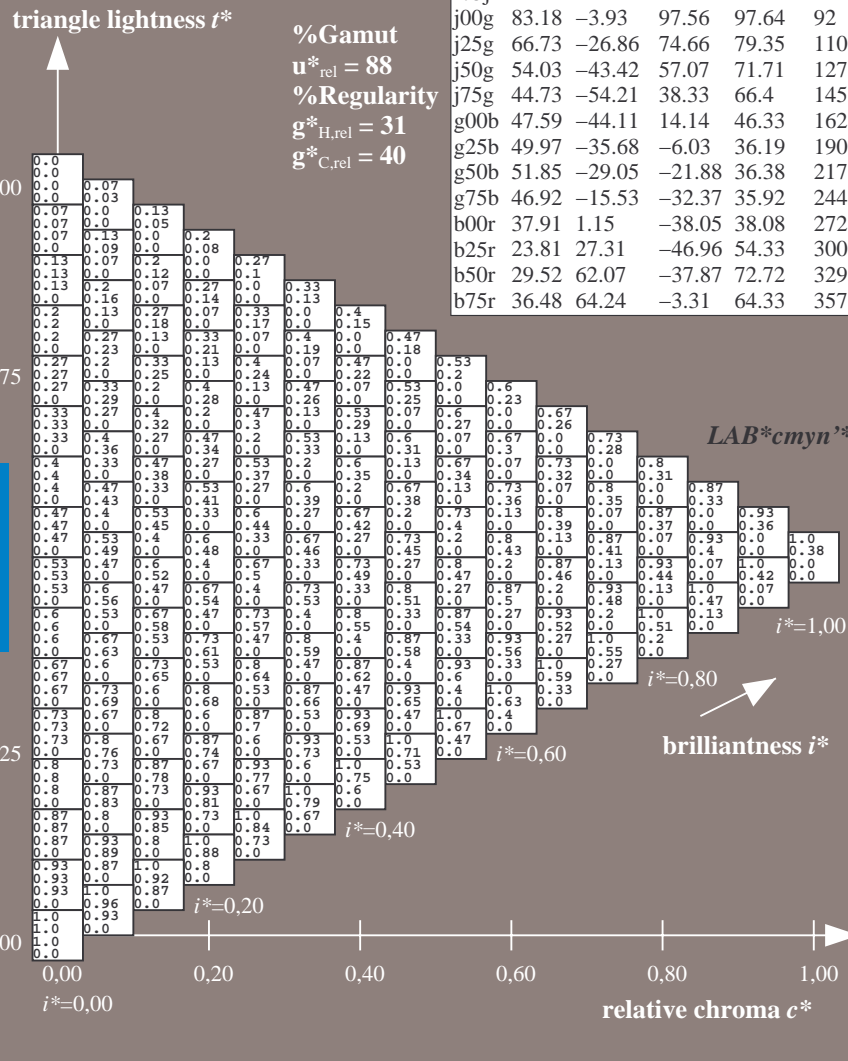
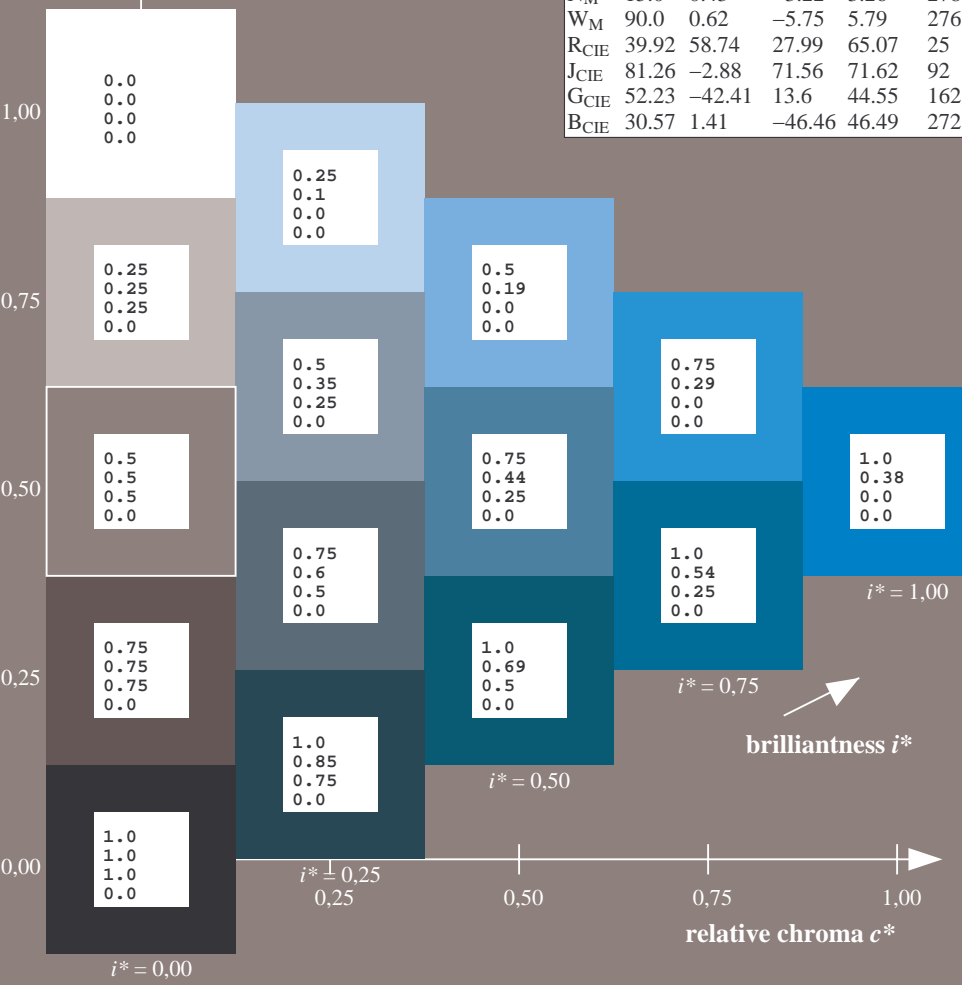
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -37
 $LAB^*LCH^*_{Ma}$: 38 38 272
 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.62 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

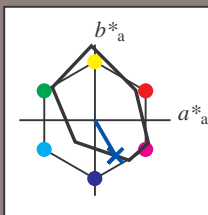


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b25r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



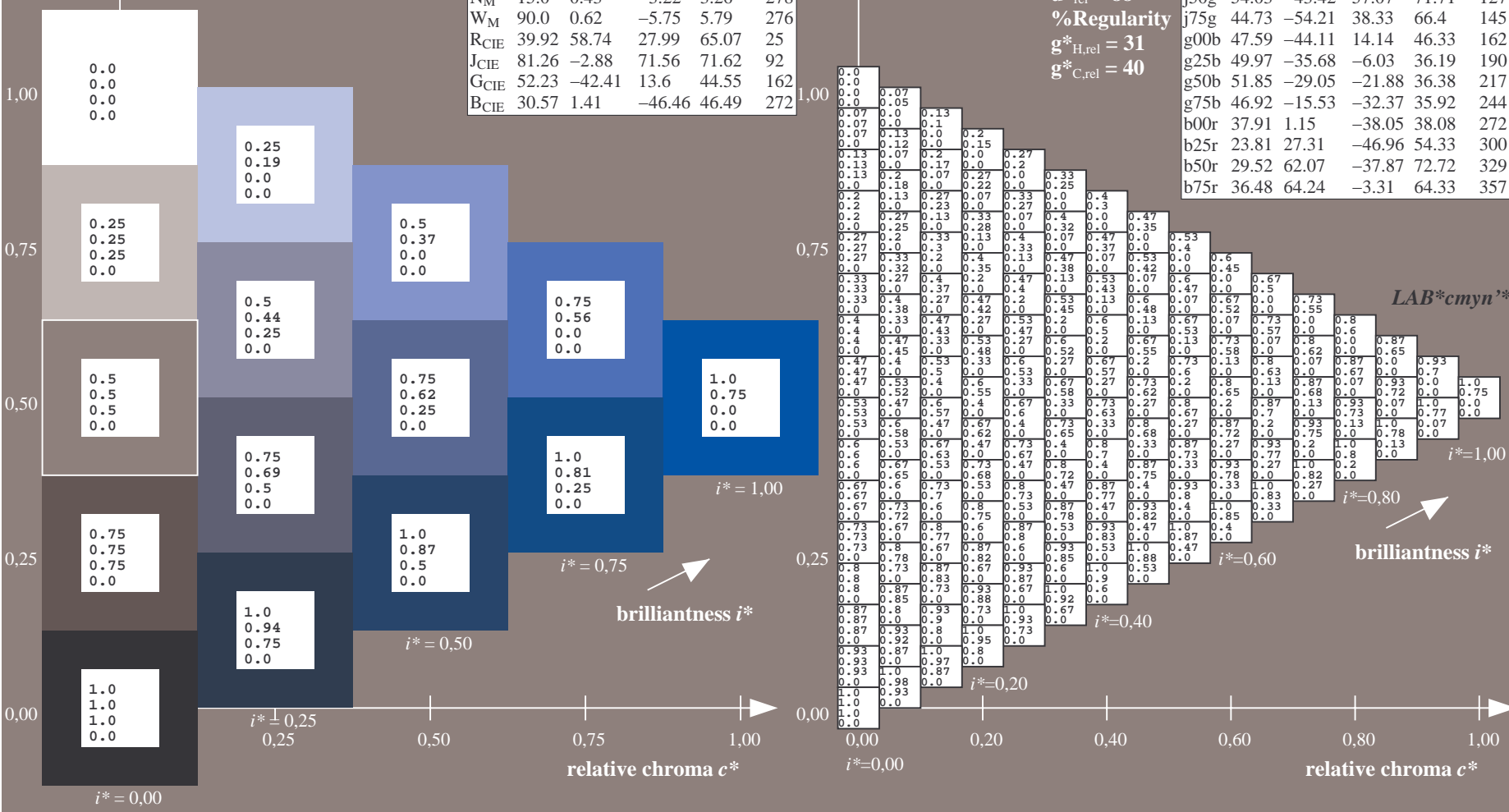
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 27 -46
 $LAB^*LCH^*_{Ma}$: 24 54 300
 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.25 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

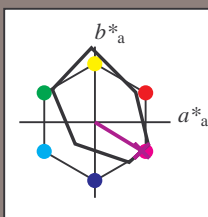


See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSPx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b50r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

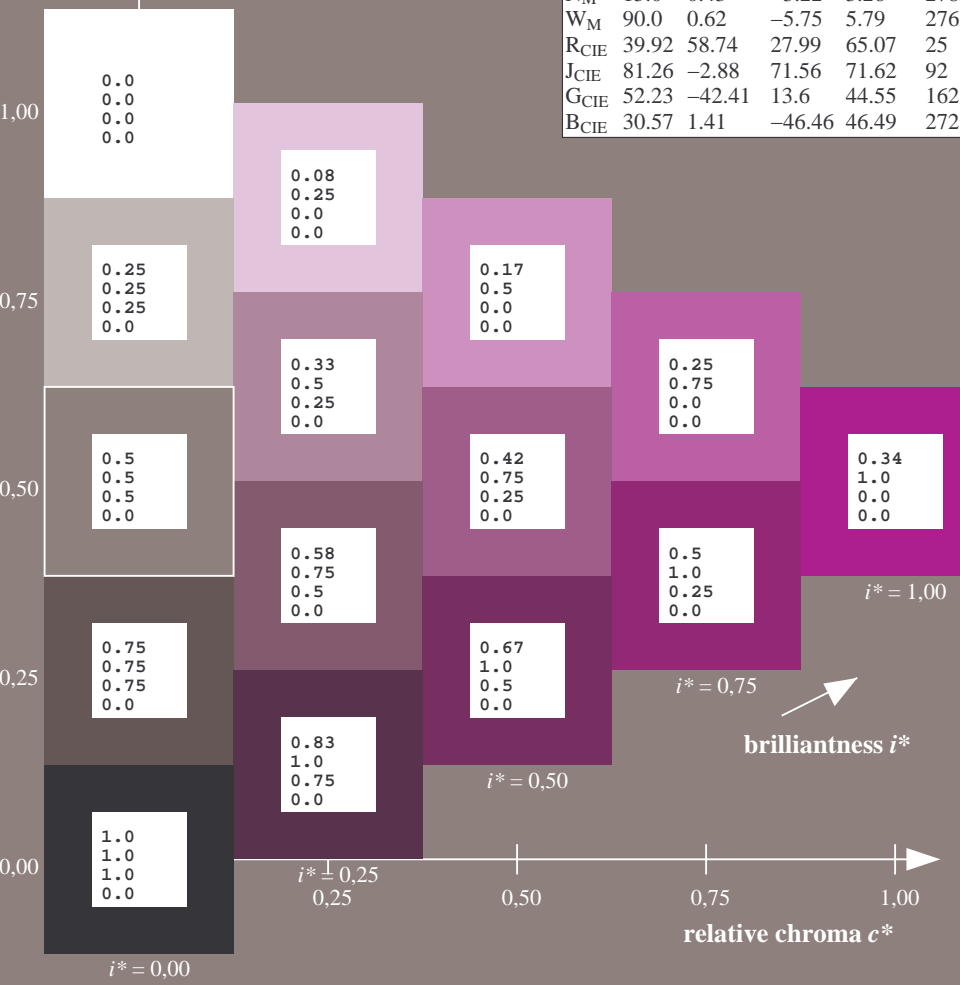
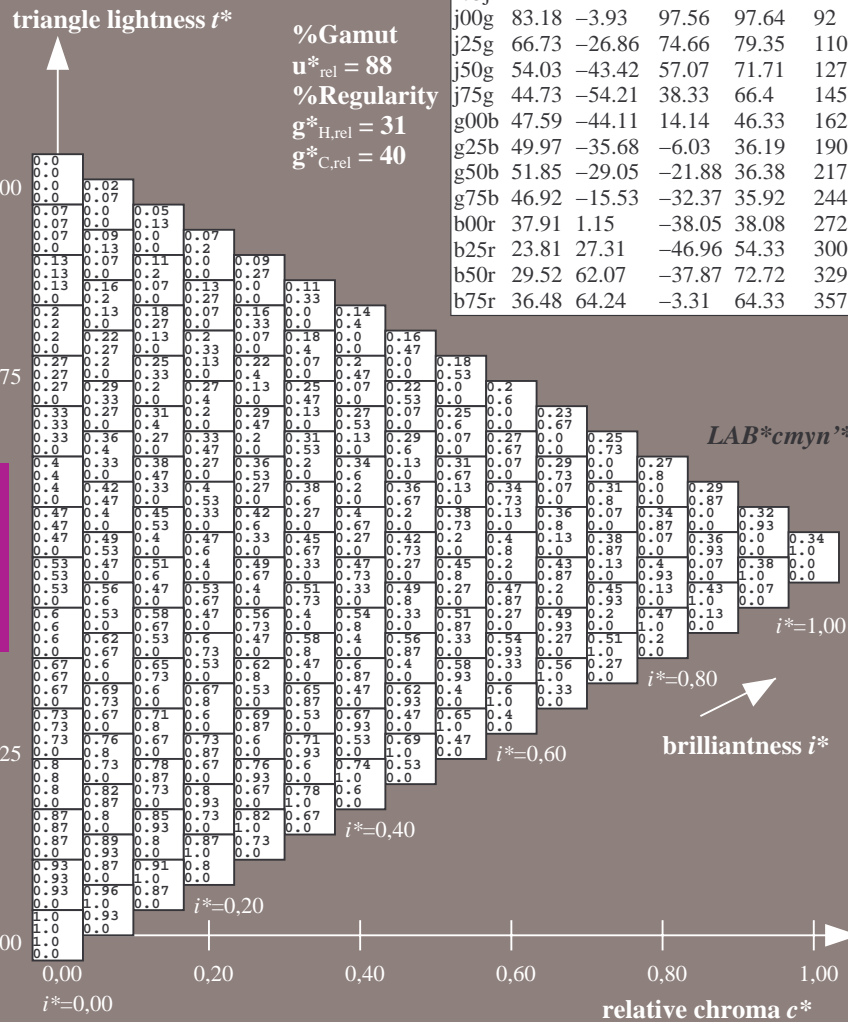
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 62 -37
 $LAB^*LCH^*_{Ma}$: 30 73 329
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.66 0.0 1.0

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

$u^* = b50r$
 LAB^*cmy^*

%Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

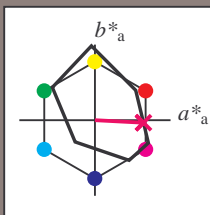


BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rhadata

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS15_90a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:
 lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b75r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



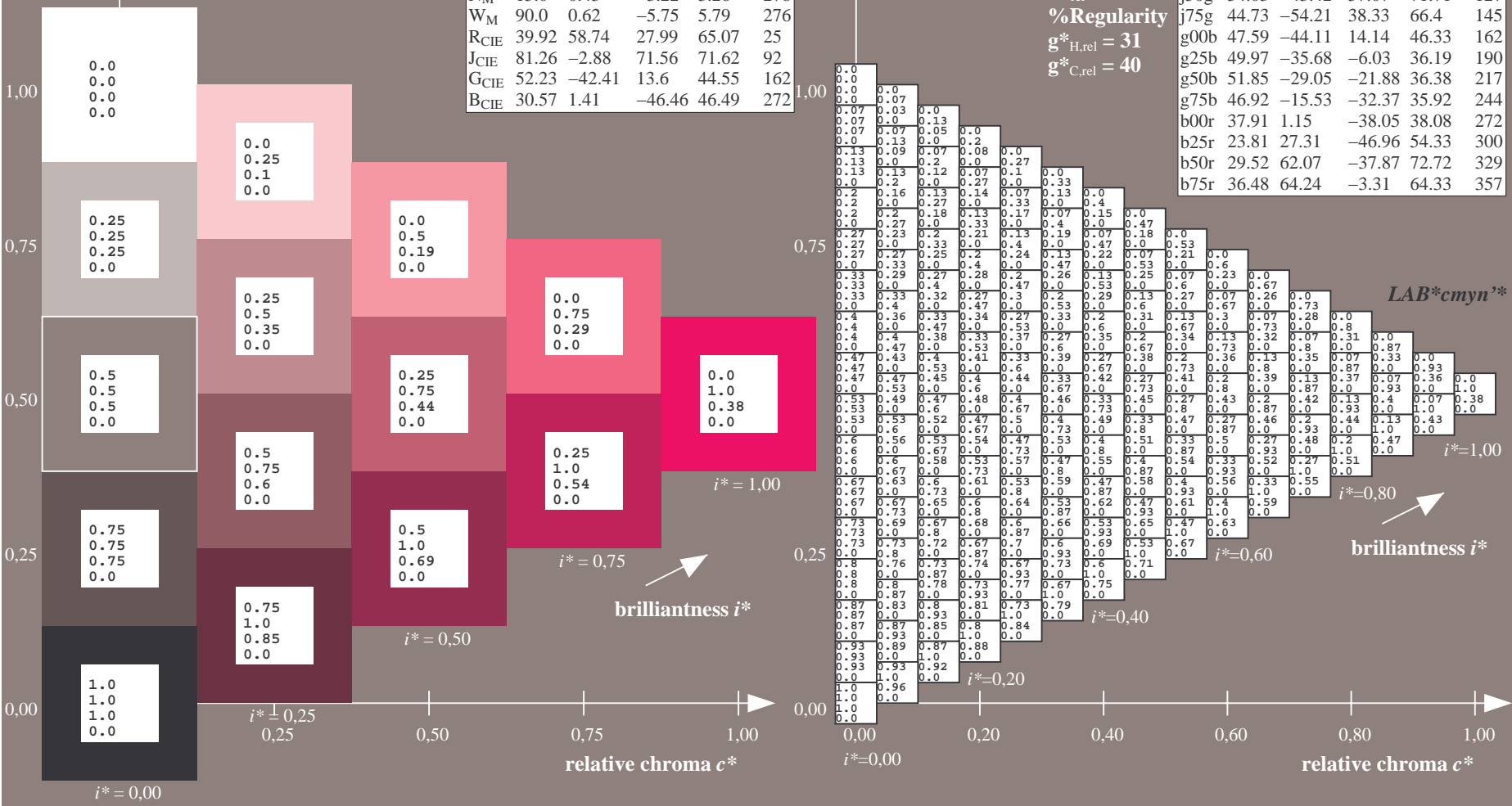
FRS15_90a; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 64 -2
 $LAB^*LCH^*_{Ma}$: 36 64 357
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.62

FRS15_90a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-19.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
 %Gamut
 $u^*_{rel} = 88$
 %Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



See for similar files: <http://www.ps.bam.de/De97/>; <http://www.ps.bam.de/De97/10L/L97E00NP.PS/> .PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20080701-De97/10L/L97E00NP.PS/ .PDF BAM material: code=rhadata
 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*cmy			
01	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000

See for similar files: <http://www.ps.bam.de/De97/>; www.ps.bam.de/De.HTM
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0