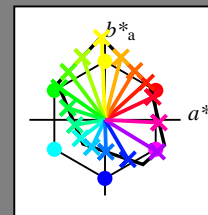


Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:  
 $u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS09\_92a; adaptierte CIELAB-Daten

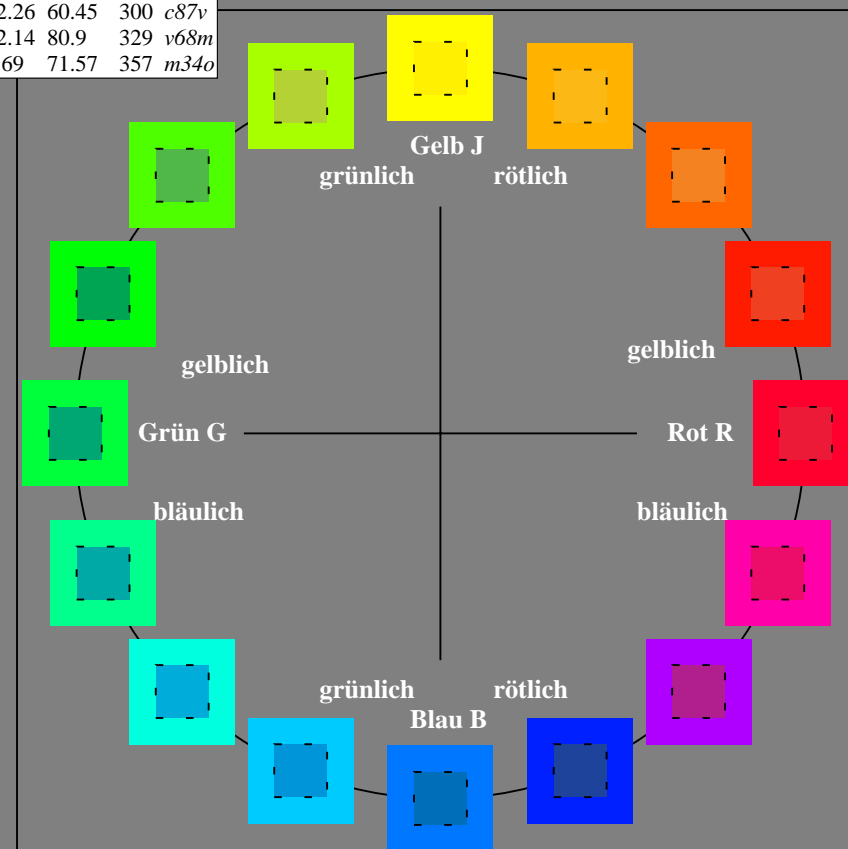
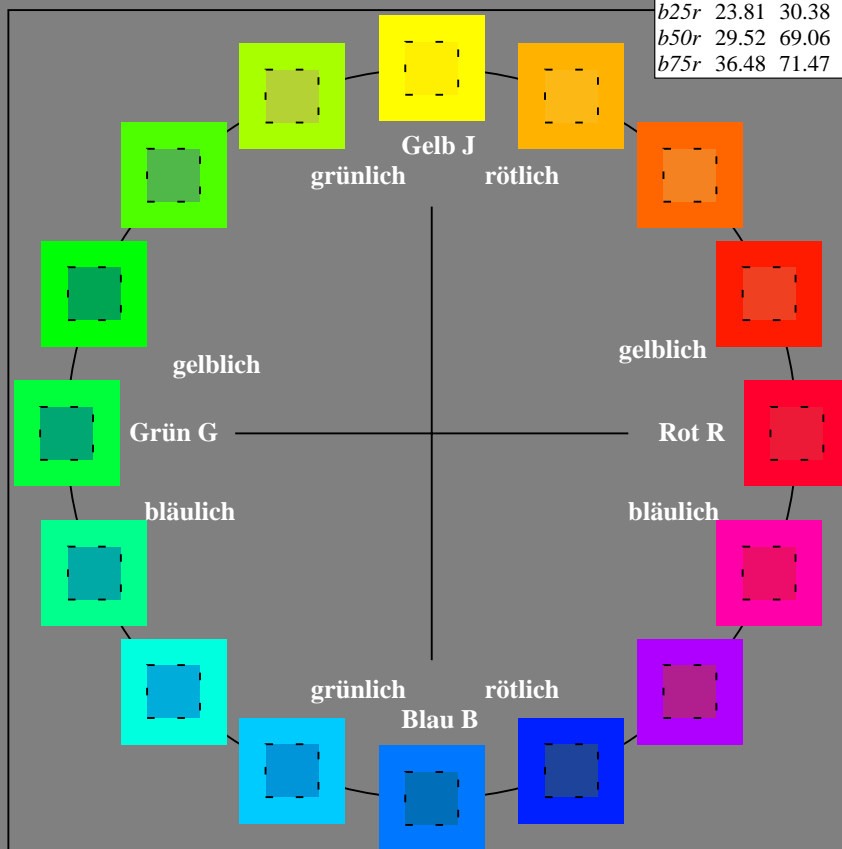
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



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

FRS09\_92a; adaptierte CIELAB-Daten

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



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

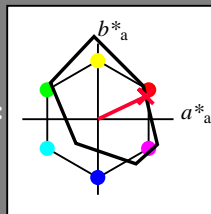
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 35 63 30

$LAB^*LCH^*_{Ma}$ : 35 70 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

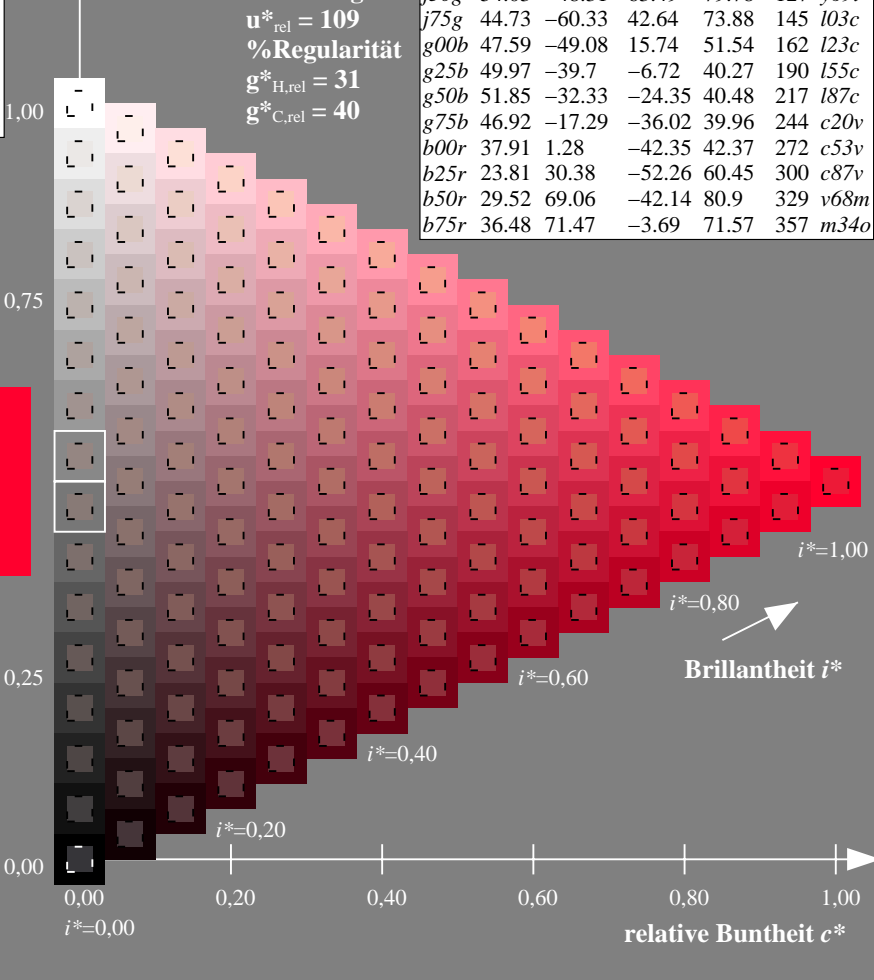
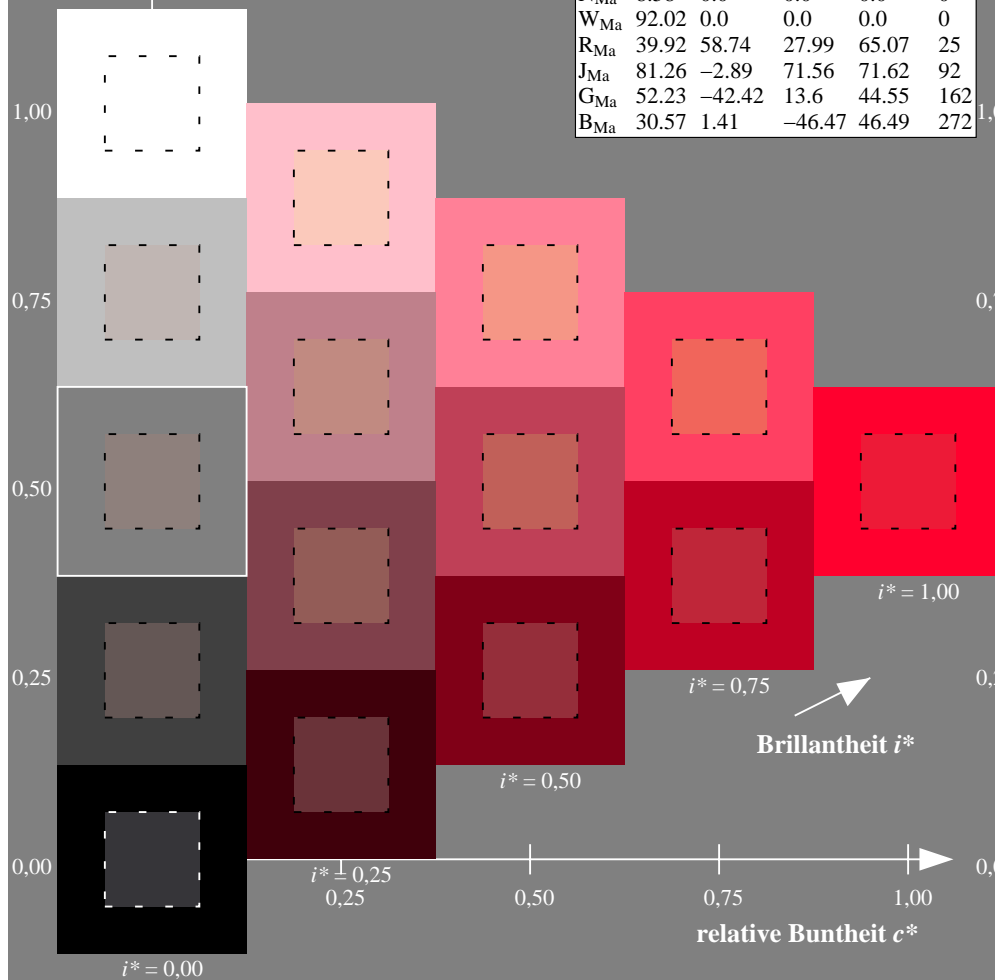
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

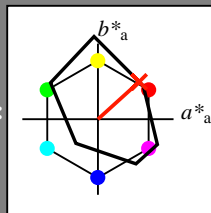
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 55 49

$LAB^*LCH^*_{Ma}$ : 39 74 42

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

$lab^*olv^*_{Ma}$ : 1.0 0.11 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

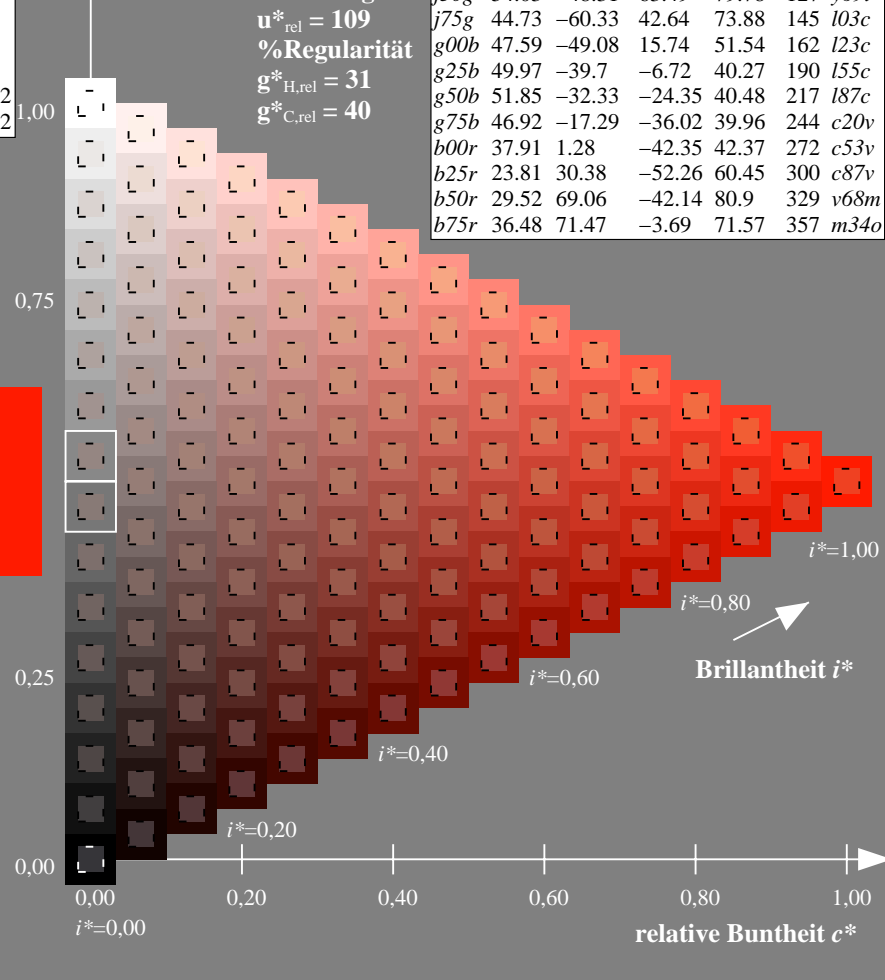
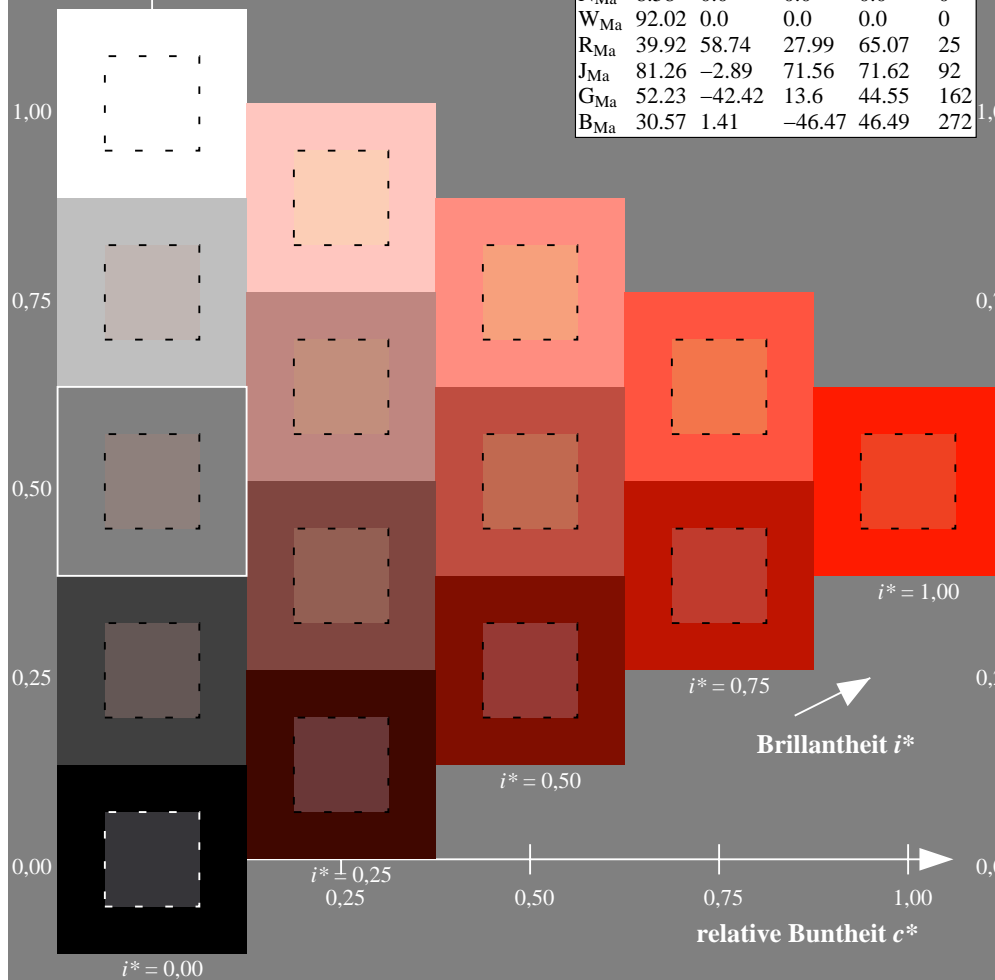
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

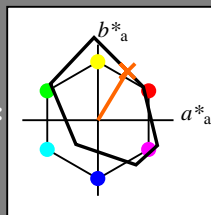
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 51 39 65

$LAB^*LCH^*_{Ma}$ : 51 76 58

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

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

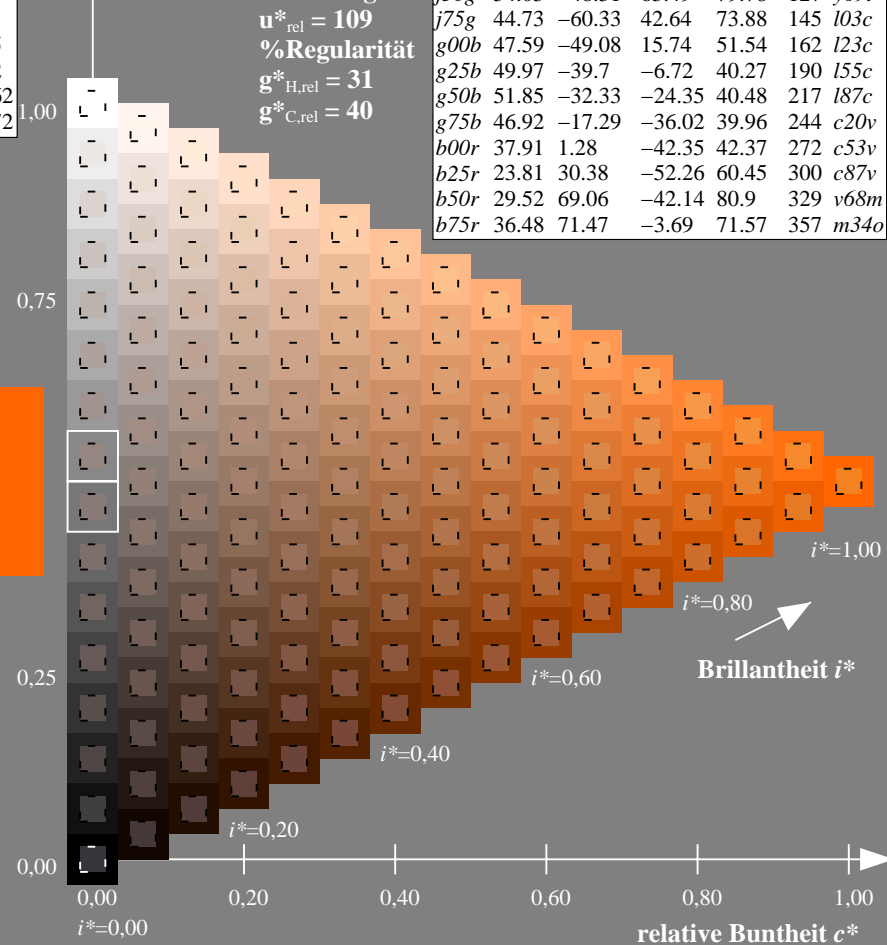
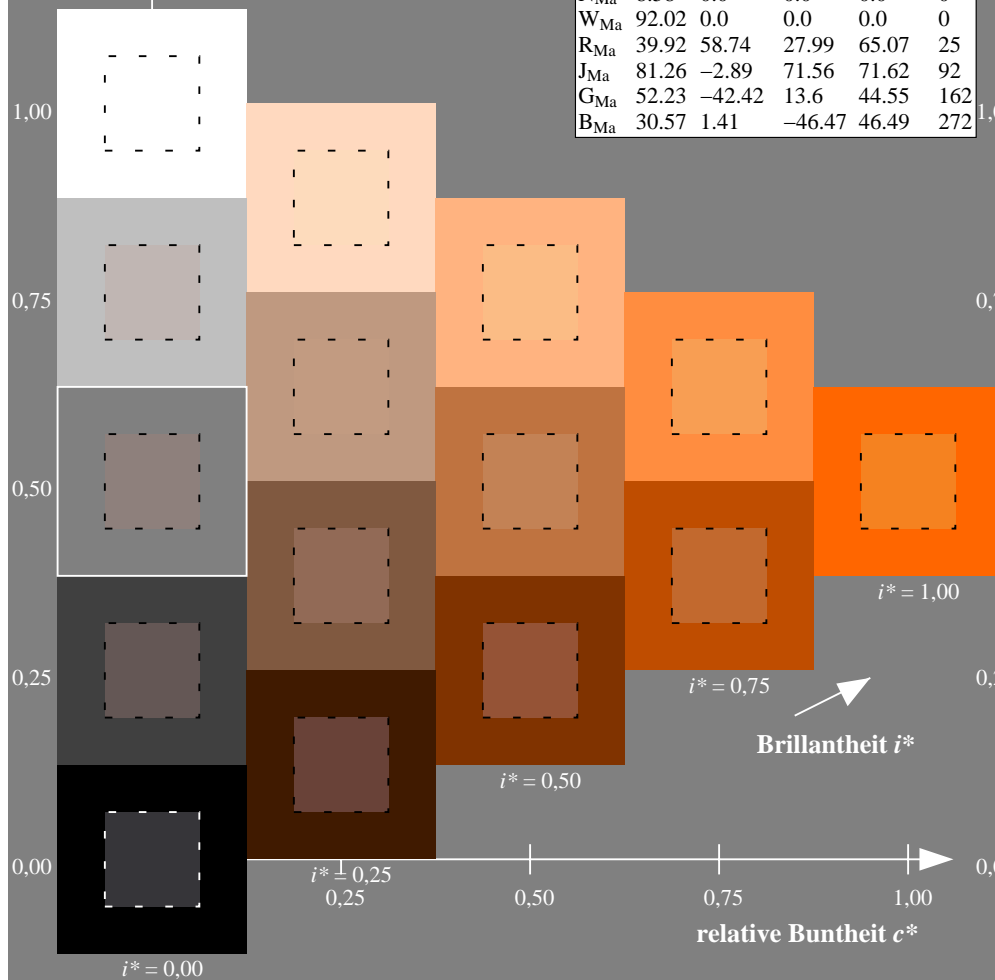
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

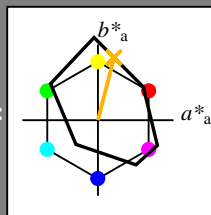
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 64 21 83

$LAB^*LCH^*_{Ma}$ : 64 86 75

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

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

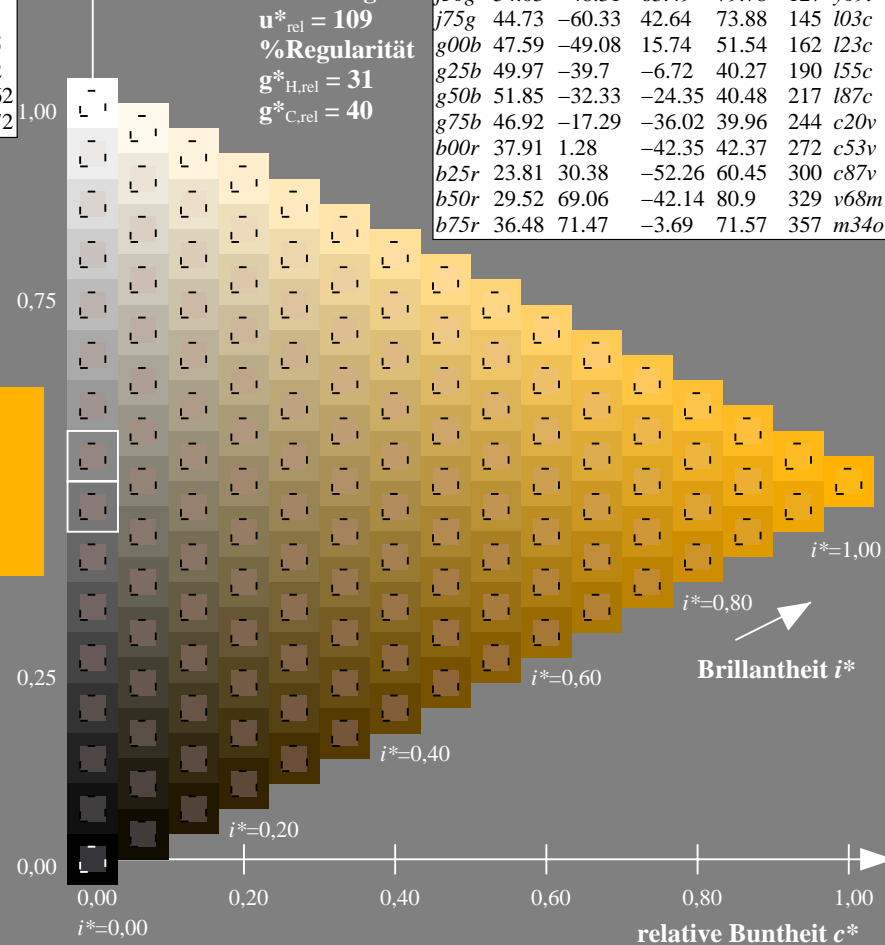
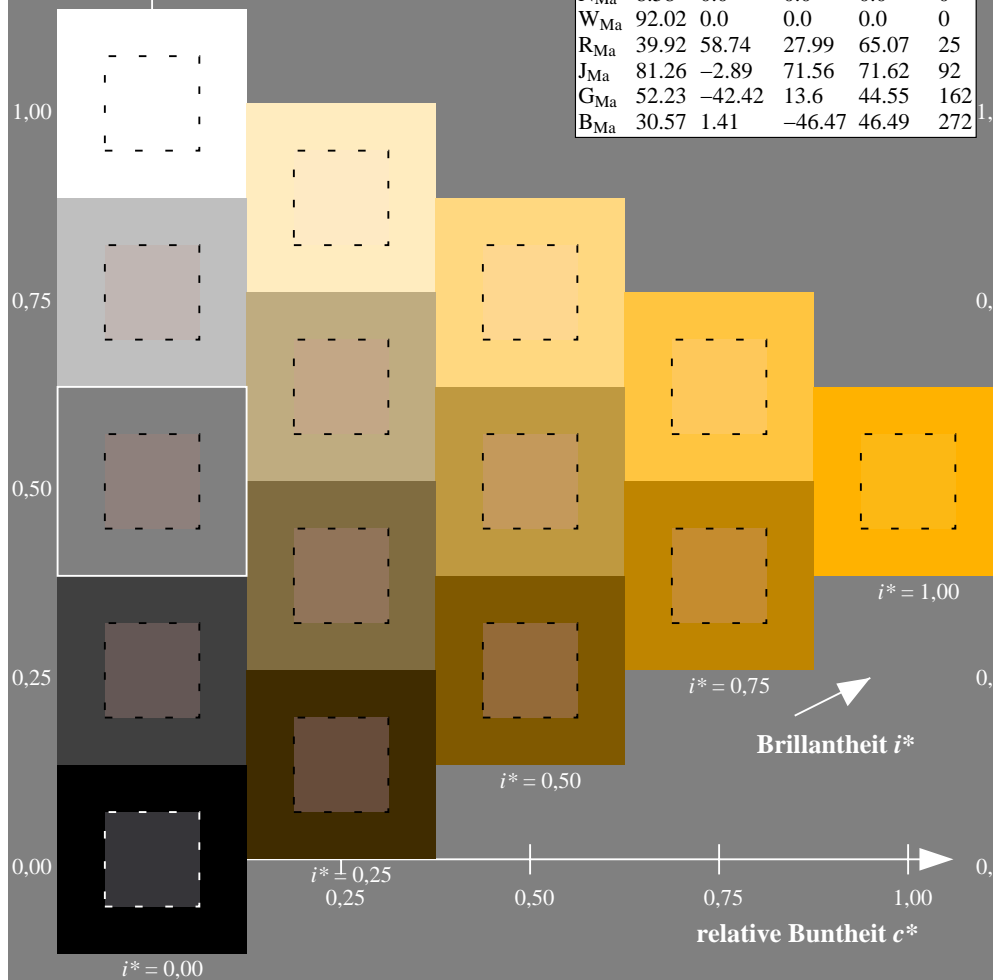
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

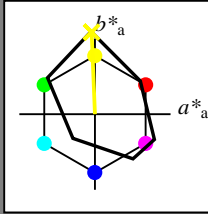
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -4 109

$LAB^*LCH^*_{Ma}$ : 83 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

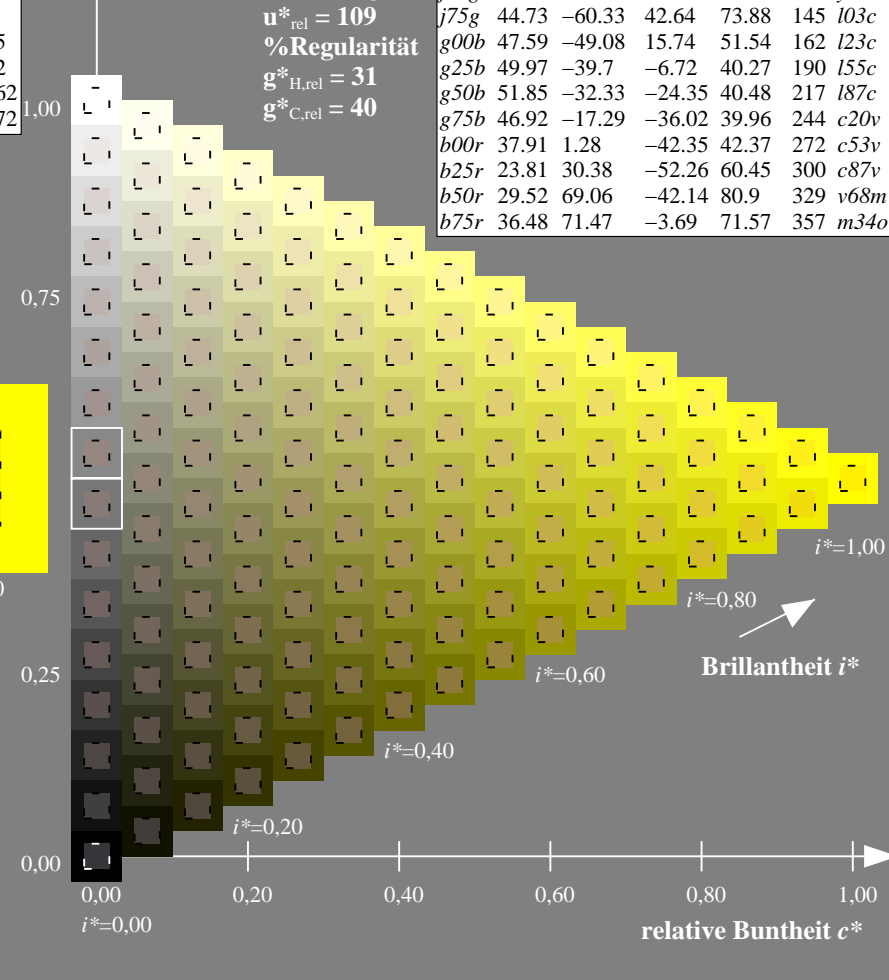
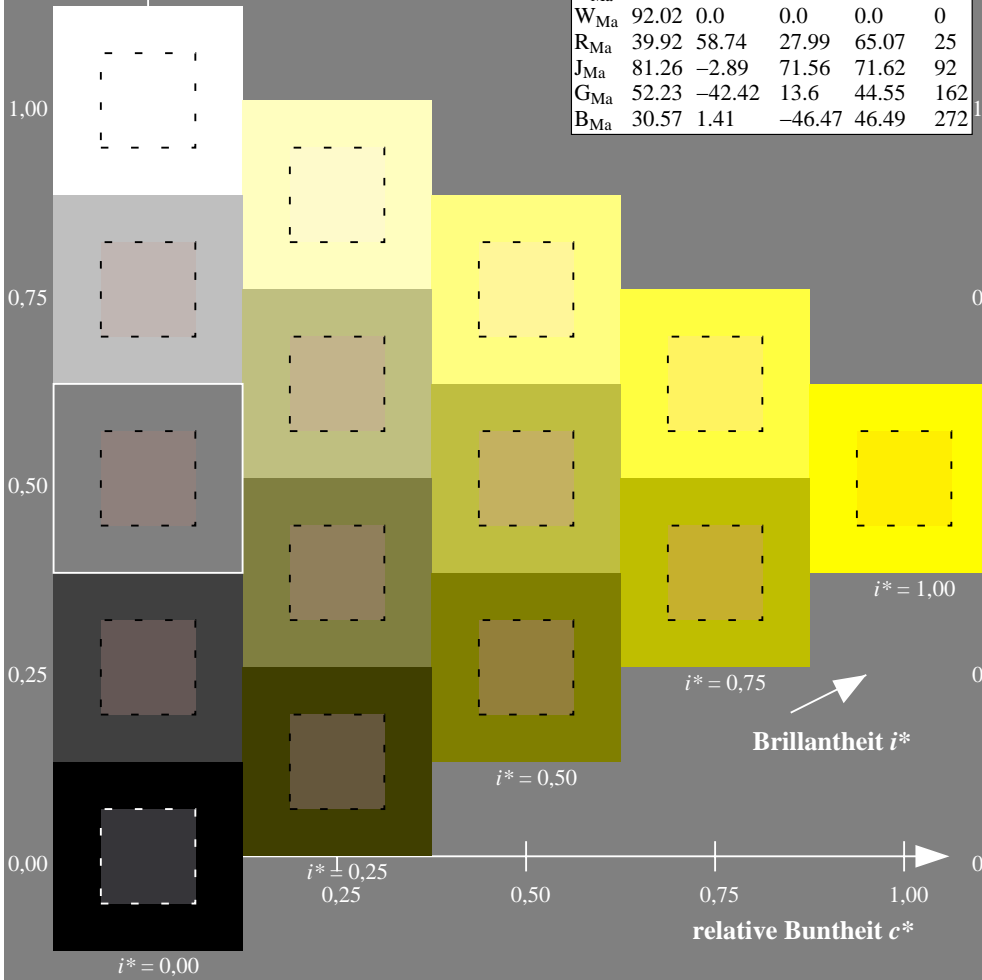
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

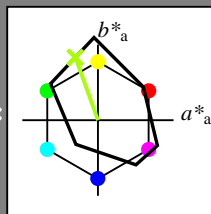
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -30 83

$LAB^*LCH^*_{Ma}$ : 67 88 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

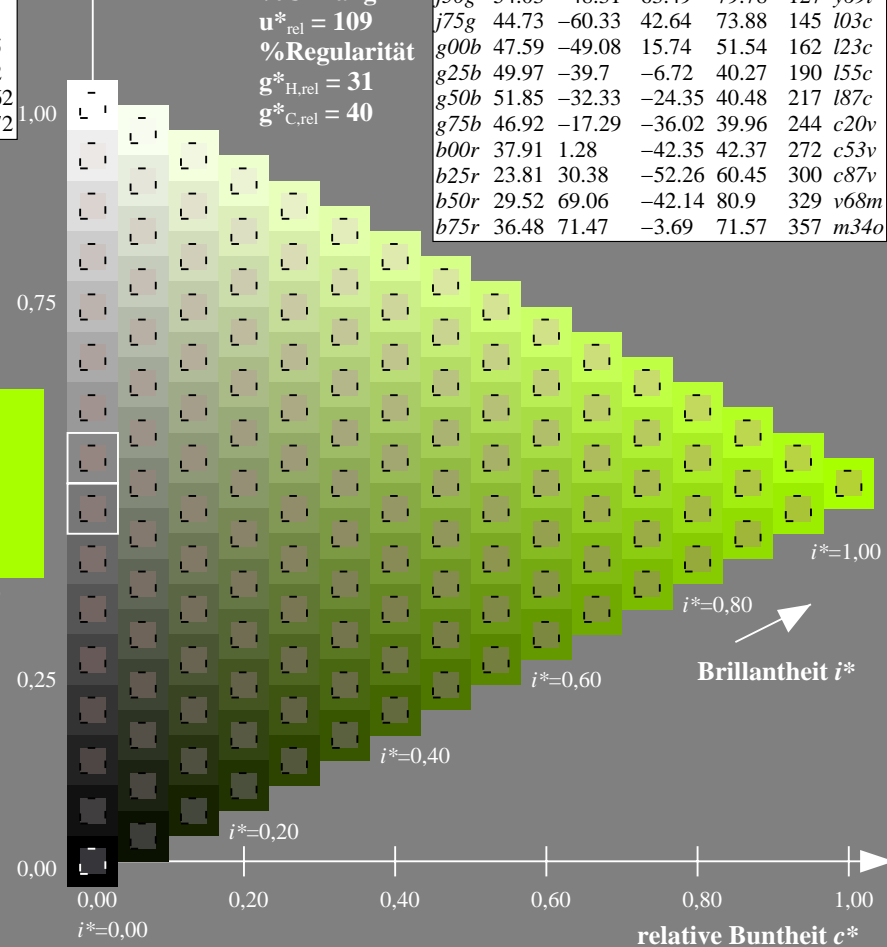
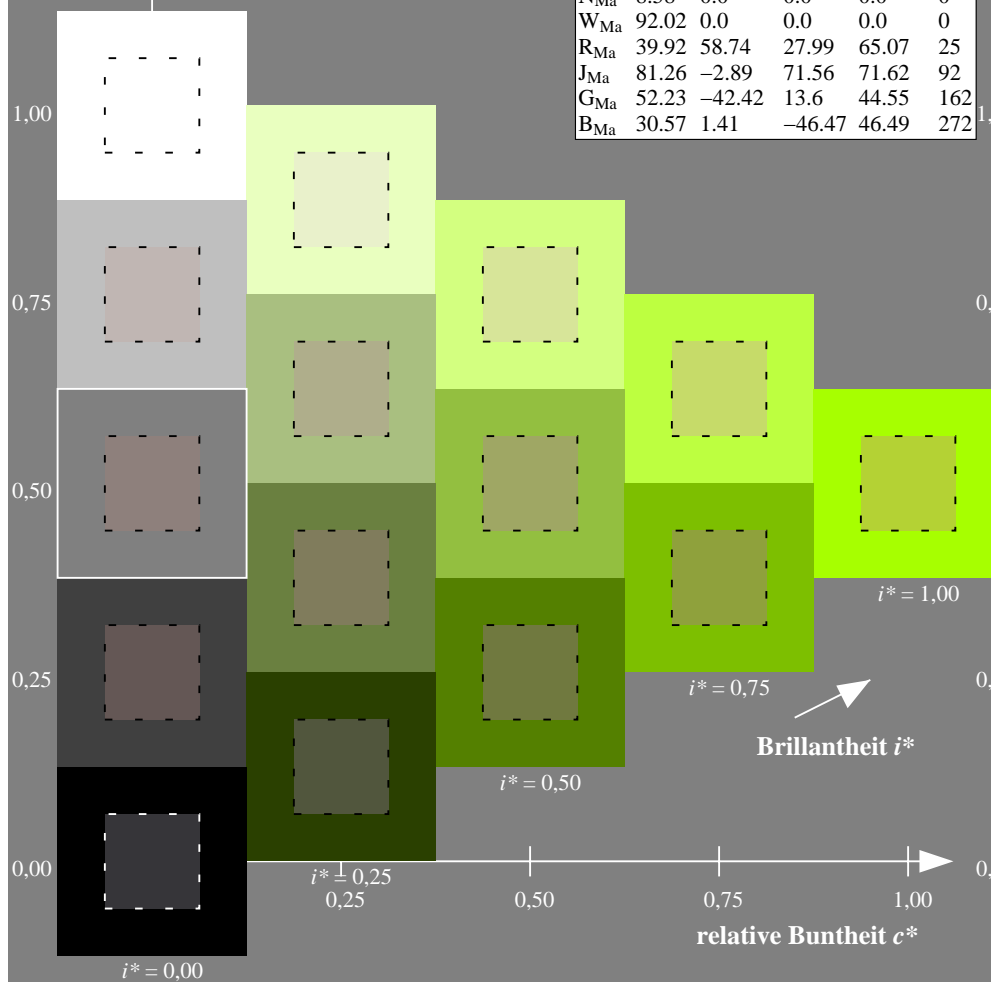
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

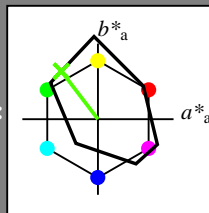
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -48 63

$LAB^*LCH^*_{Ma}$ : 54 80 127

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

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

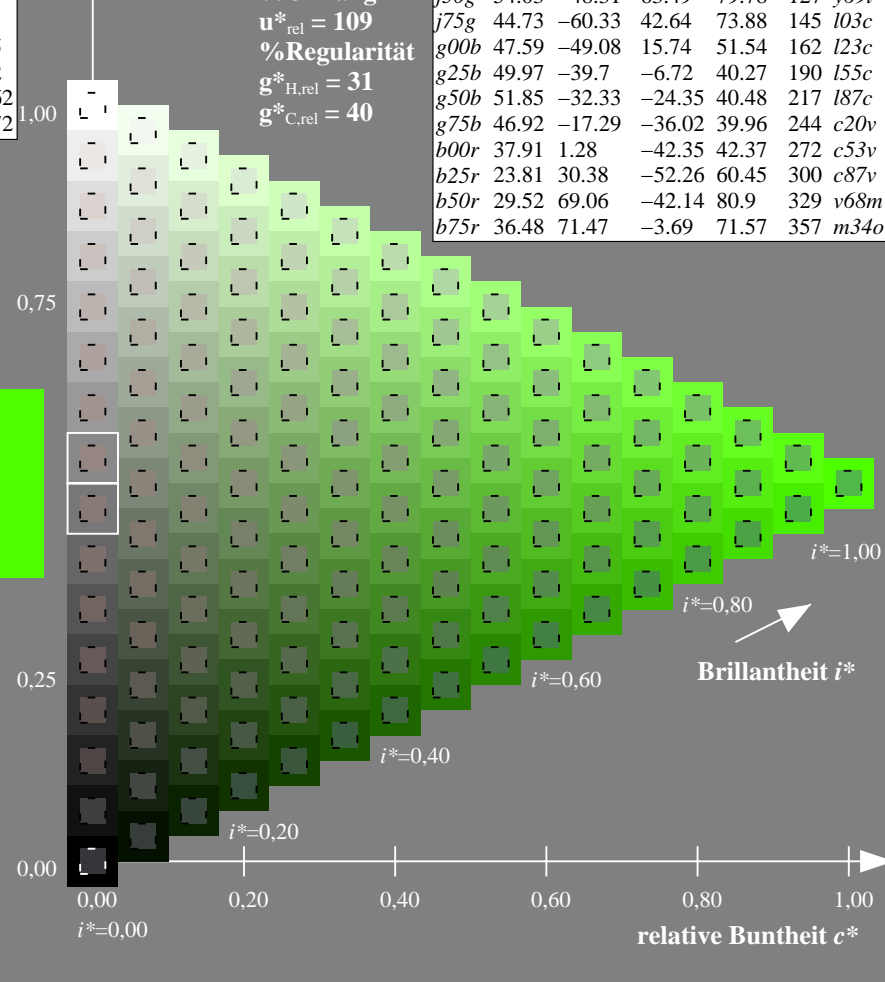
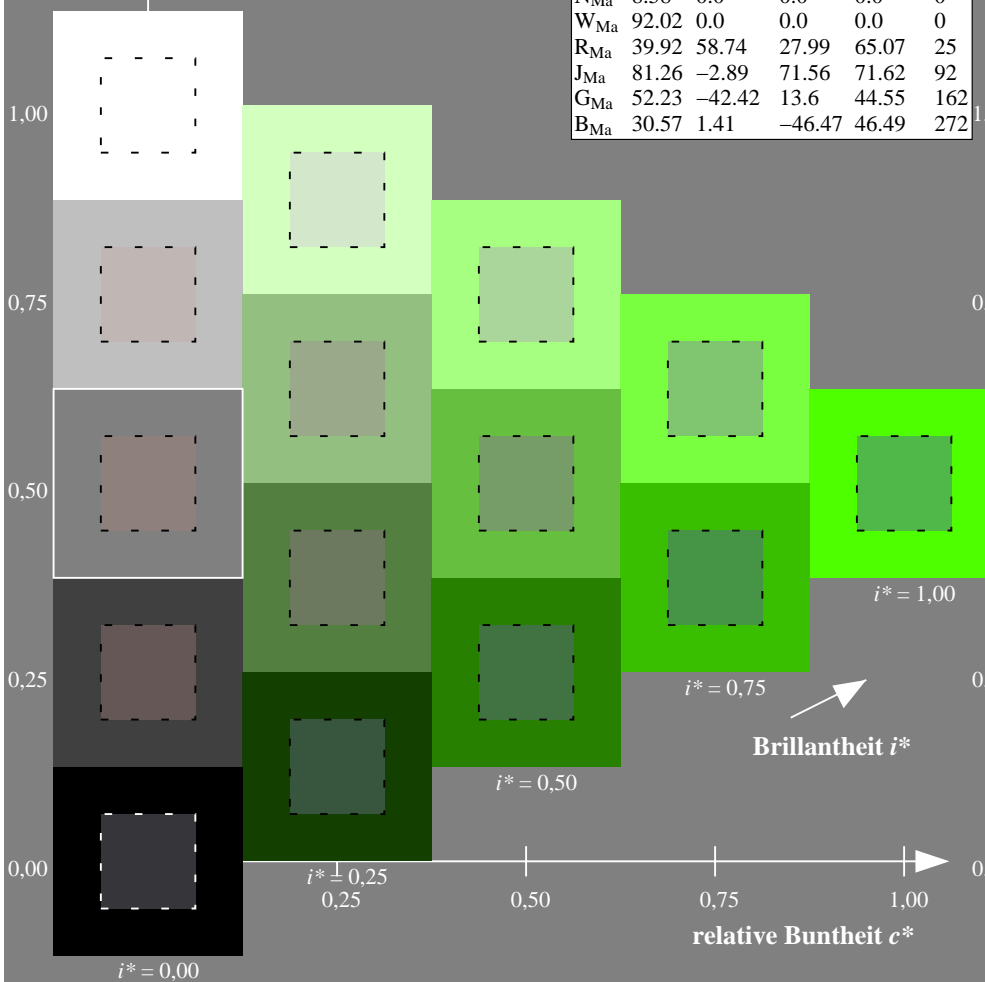
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

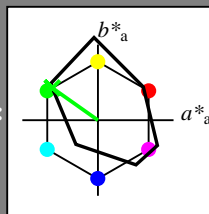
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 45 -60 43

$LAB^*LCH^*_{Ma}$ : 45 74 144

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

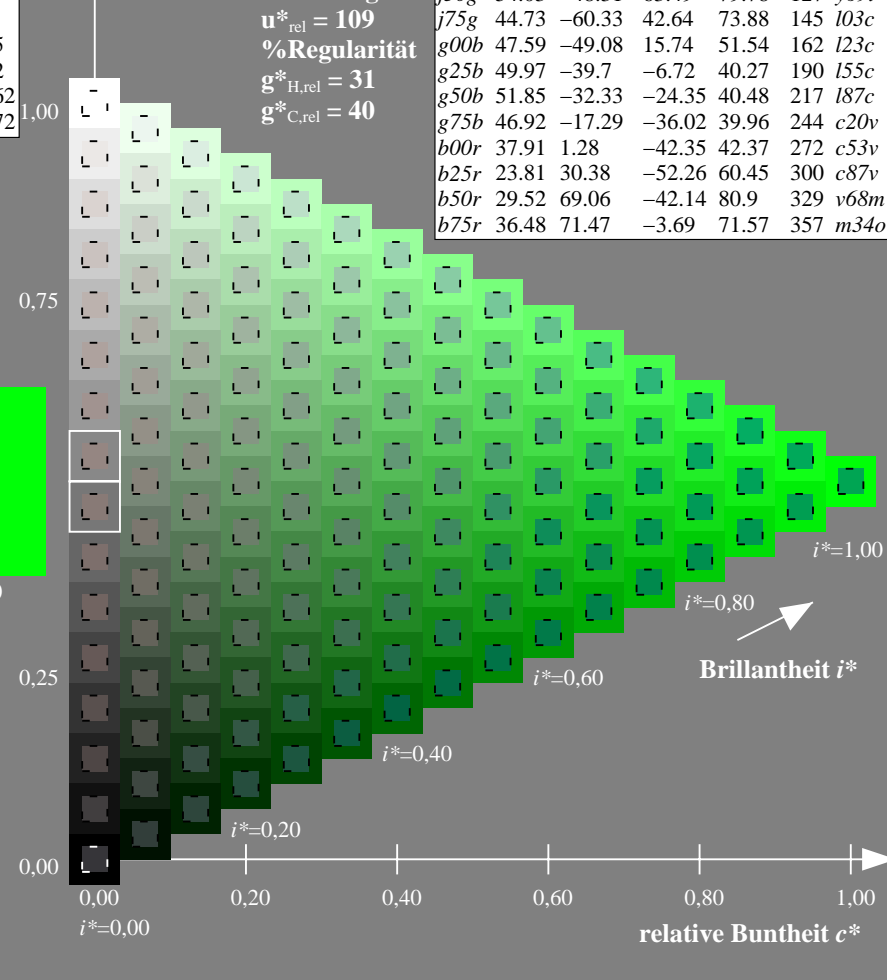
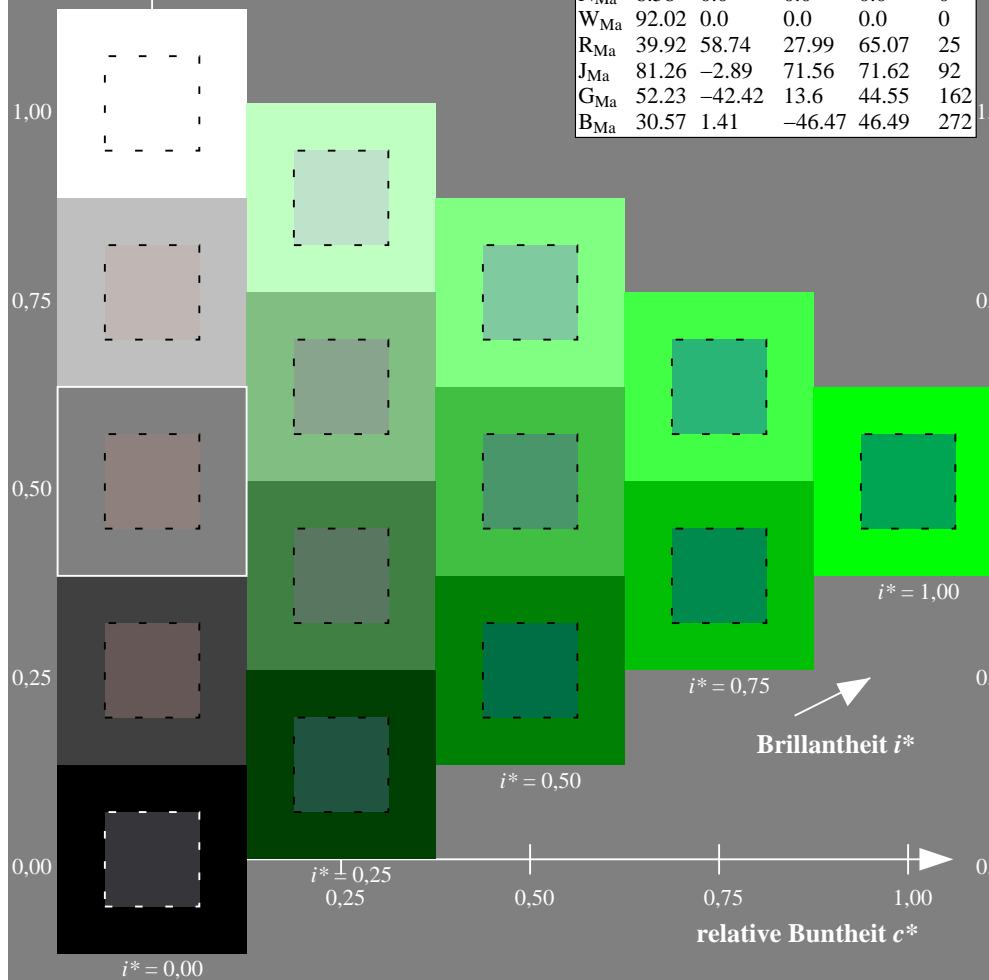
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

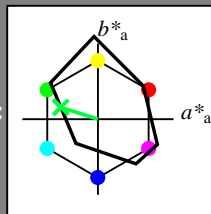
### Bunttexte:

$$u^*_e = g00b \quad u^*_d = l23c$$

### Kontrastreduzierungsfaktor:

$$c_R = 1.0$$

### Dreiecks-Helligkeit $t^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u^*_c$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

**Daten für Maximalfarbe (Ma):**

*LAB\*LAB\**M<sub>2</sub>: 48 -49 16

*LAP\*LCH\** : 48 52 162

**LAB\*LCH\*Ma: 48 52 10**

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

**lab\*olv\*Ma: 0.0 1.0 0.23**

### Dreiecks-Helligkeit $t^*$

100

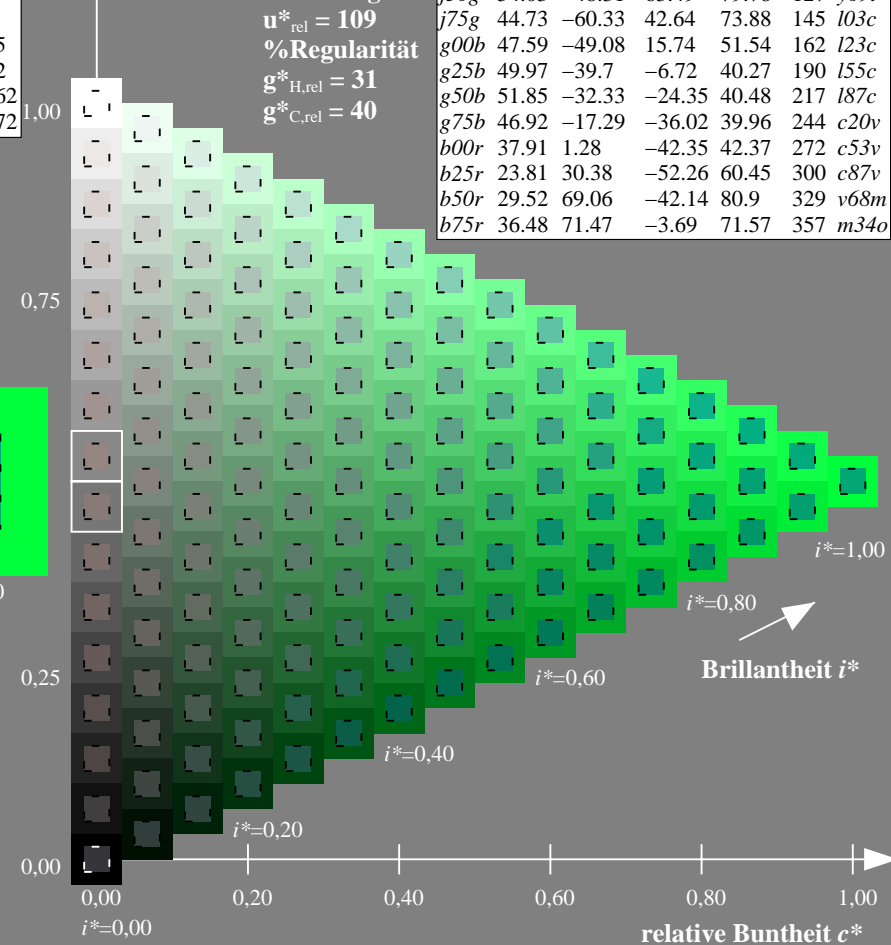
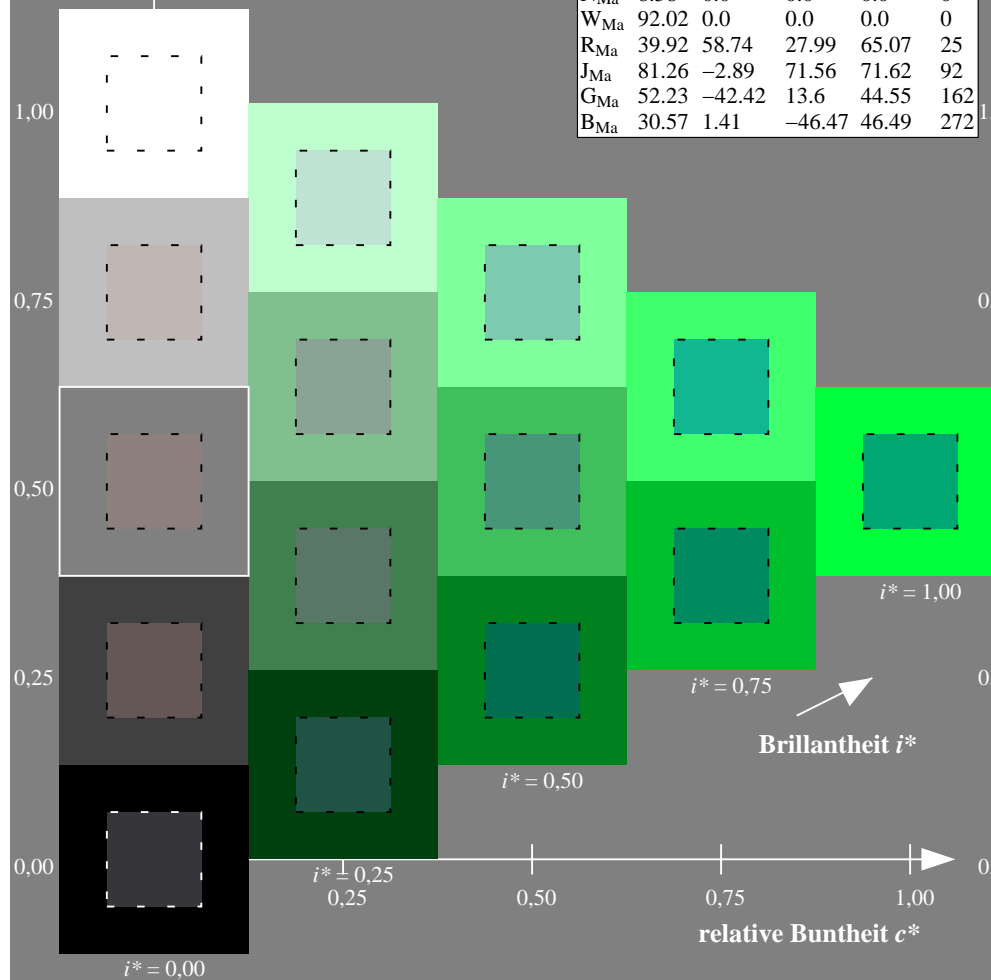
**%Umfang**

$$\mathbf{u}_{\text{rel}}^* = 109$$

**%Regular**

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$

FRS09_92a; adaptierte CIELAB-Daten							
$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_d^*$	
<i>r00j</i>	35.47	63.32	30.17	70.15	25	<i>m81o</i>	
<i>r25j</i>	39.12	54.56	49.45	73.64	42	<i>o10y</i>	
<i>r50j</i>	50.64	39.15	64.89	75.79	59	<i>o40y</i>	
<i>r75j</i>	64.01	21.26	82.83	85.52	76	<i>o69y</i>	
<i>j00g</i>	83.18	-4.38	108.53	108.62	92	<i>o98y</i>	
<i>j25g</i>	66.73	-29.89	83.06	88.28	110	<i>y34l</i>	
<i>j50g</i>	54.03	-48.31	63.49	79.78	127	<i>y69l</i>	
<i>j75g</i>	44.73	-60.33	42.64	73.88	145	<i>l03c</i>	
<i>g00b</i>	47.59	-49.08	15.74	51.54	162	<i>l23c</i>	
<i>g25b</i>	49.97	-39.7	-6.72	40.27	190	<i>l55c</i>	
<i>g50b</i>	51.85	-32.33	-24.35	40.48	217	<i>l87c</i>	
<i>g75b</i>	46.92	-17.29	-36.02	39.96	244	<i>c20v</i>	
<i>b00r</i>	37.91	1.28	-42.35	42.37	272	<i>c53v</i>	
<i>b25r</i>	23.81	30.38	-52.26	60.45	300	<i>c87v</i>	
<i>b50r</i>	29.52	69.06	-42.14	80.9	329	<i>v68m</i>	
<i>b75r</i>	36.48	71.47	-3.69	71.57	357	<i>m34o</i>	





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

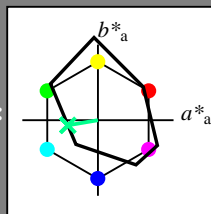
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -40 -7

$LAB^*LCH^*_{Ma}$ : 50 40 189

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

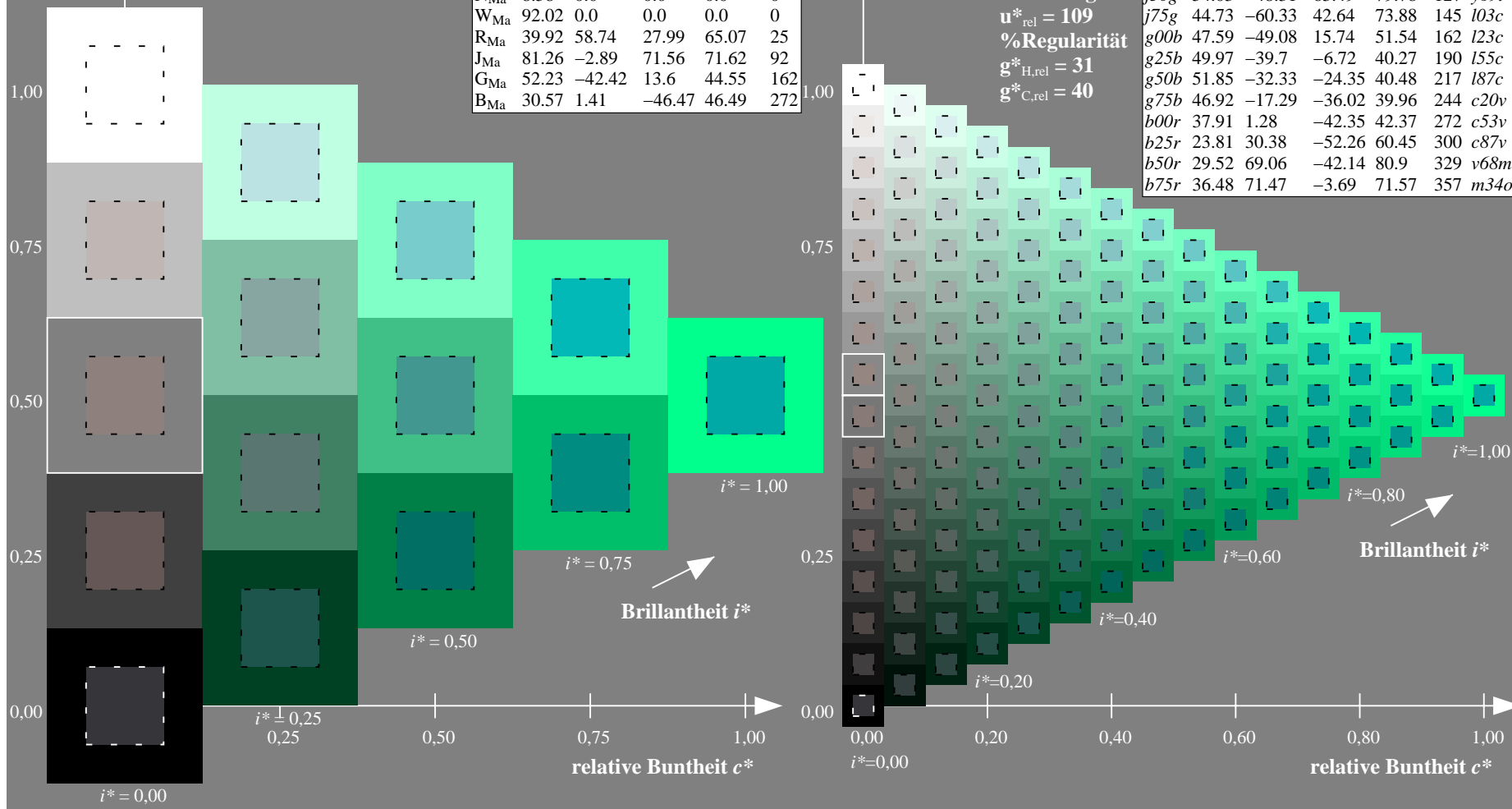
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = g25b$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

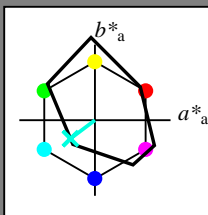
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -32 -24

$LAB^*LCH^*_{Ma}$ : 52 40 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.87

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

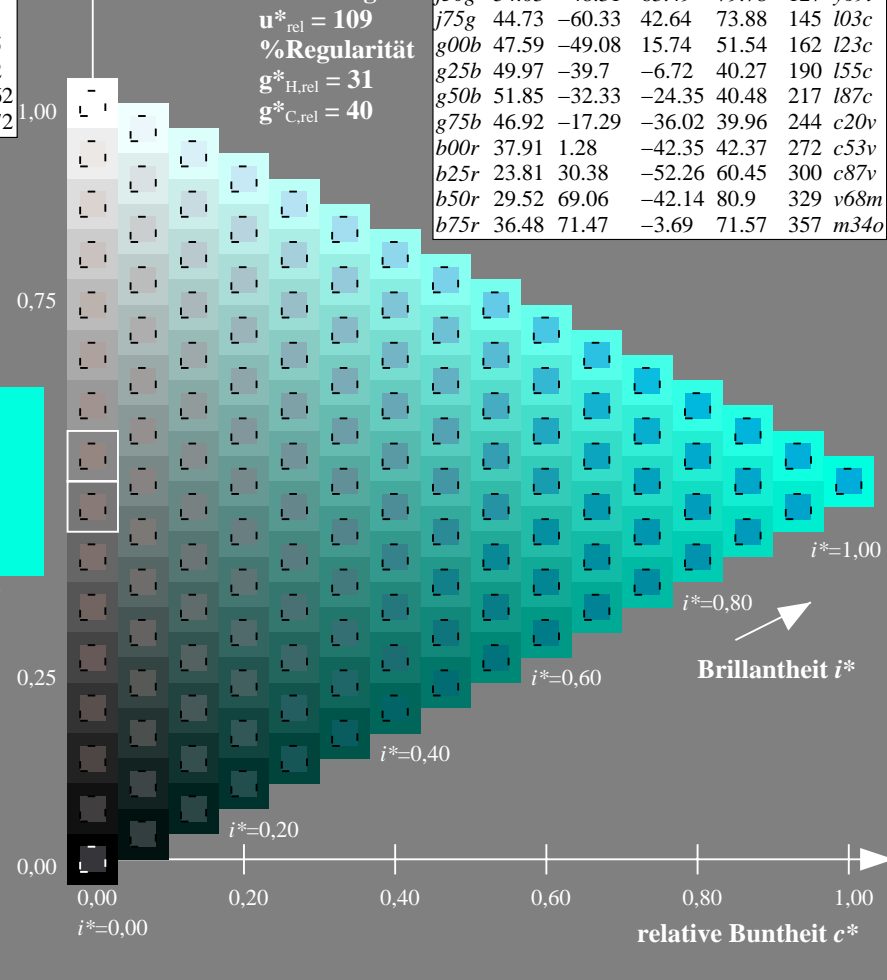
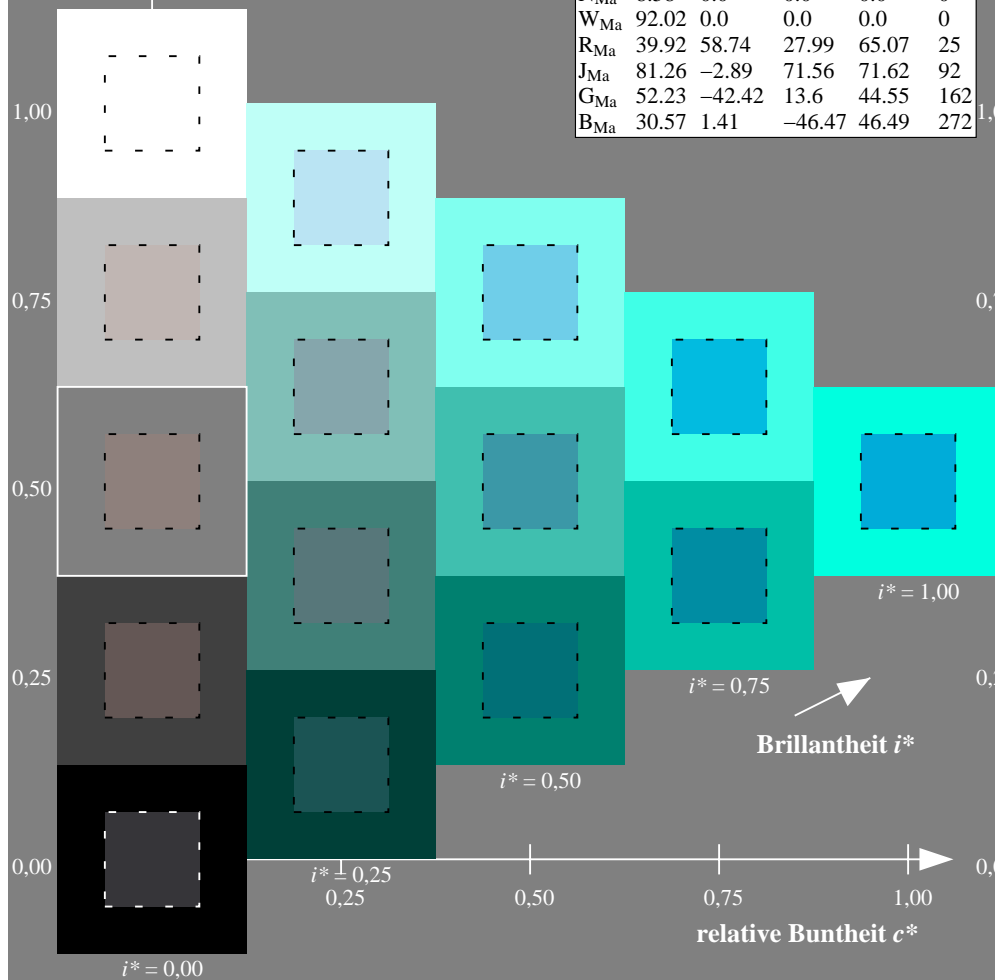
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = g50b$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

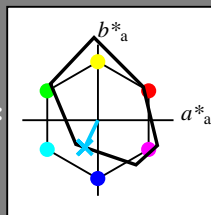
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -17 -36

$LAB^*LCH^*_{Ma}$ : 47 40 244

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

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

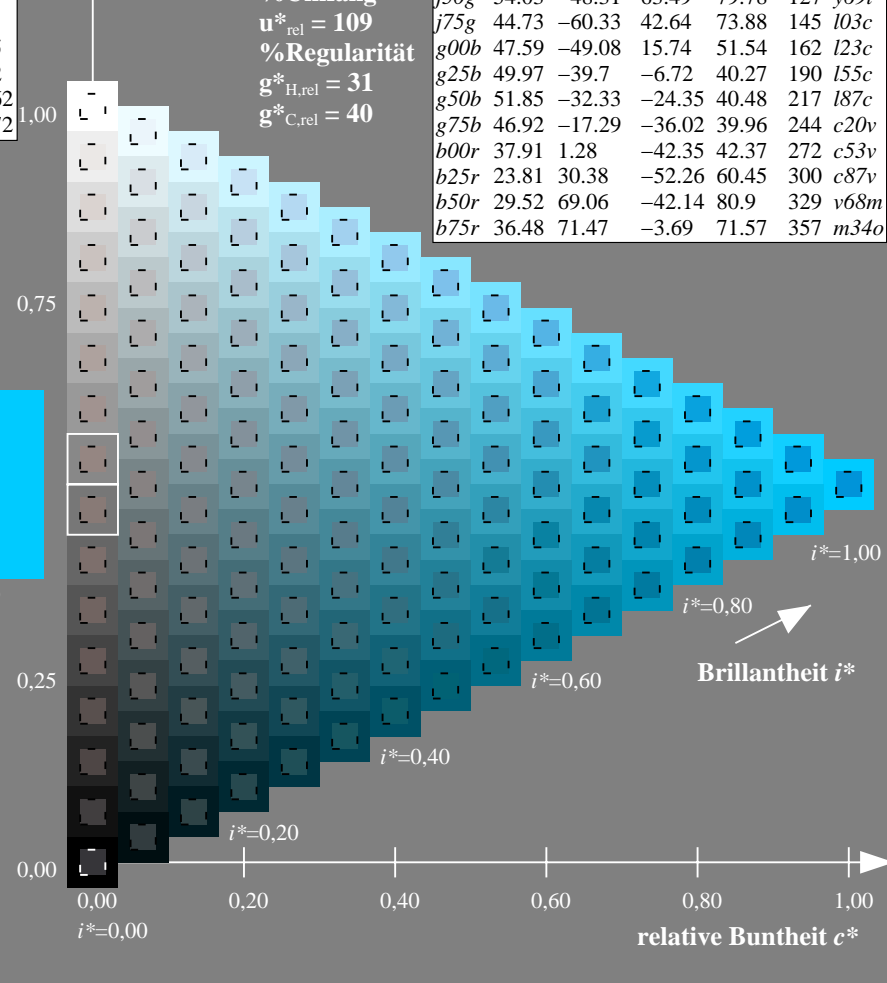
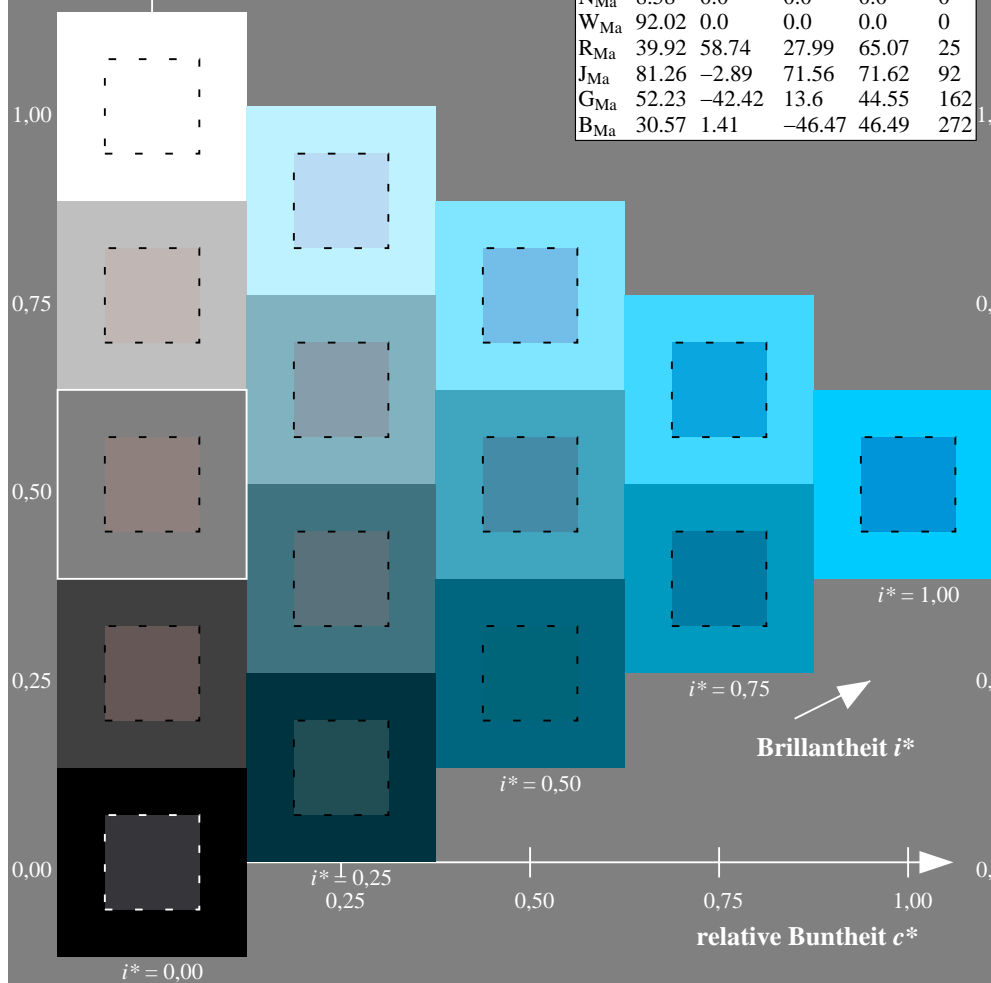
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = g75b$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

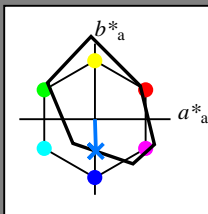
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 1 -42

$LAB^*LCH^*_{Ma}$ : 38 42 271

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

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

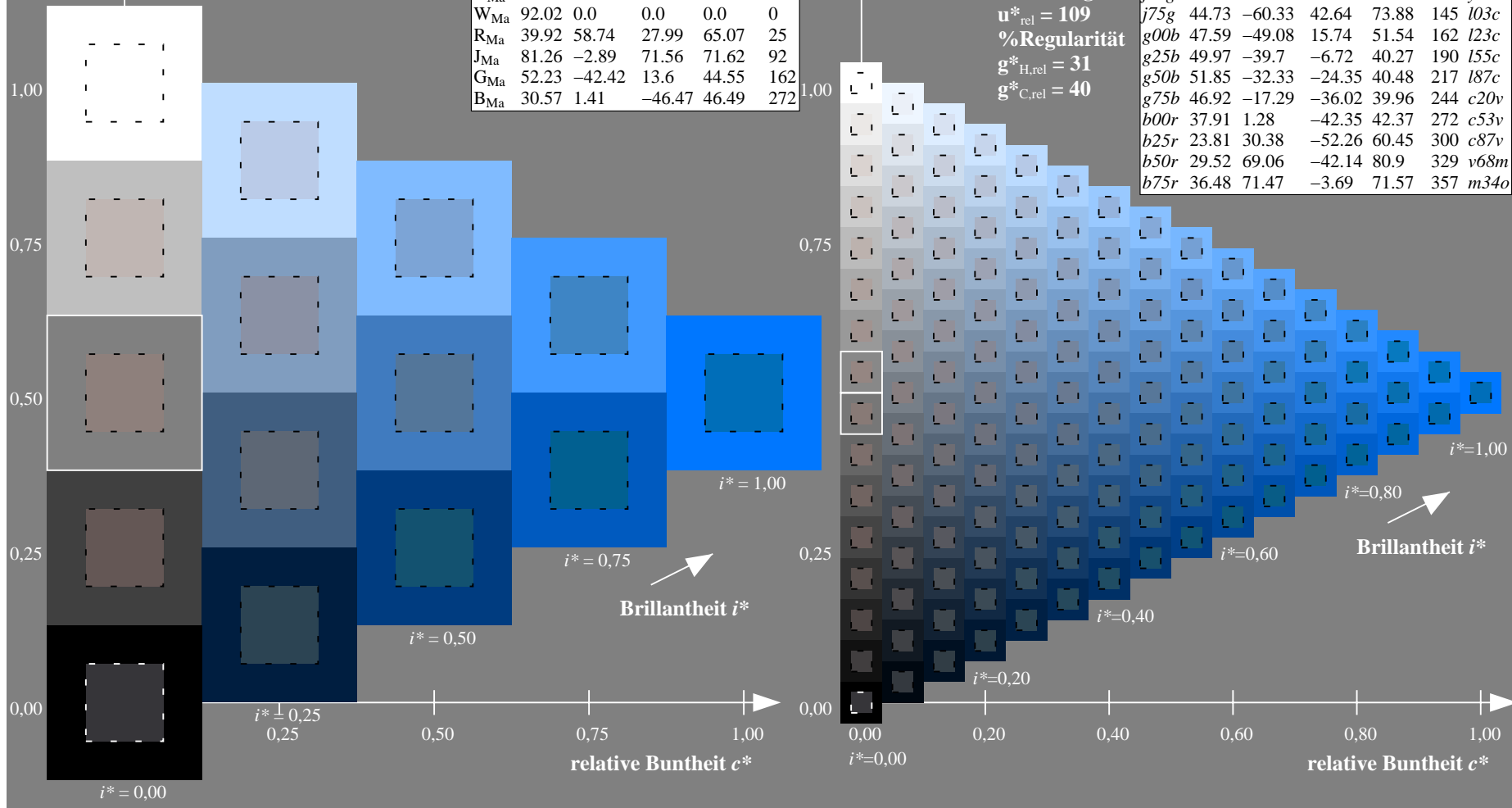
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b00r$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

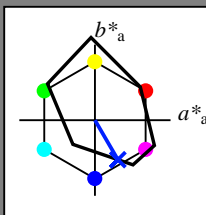
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 24 30 -52

$LAB^*LCH^*_{Ma}$ : 24 60 300

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

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

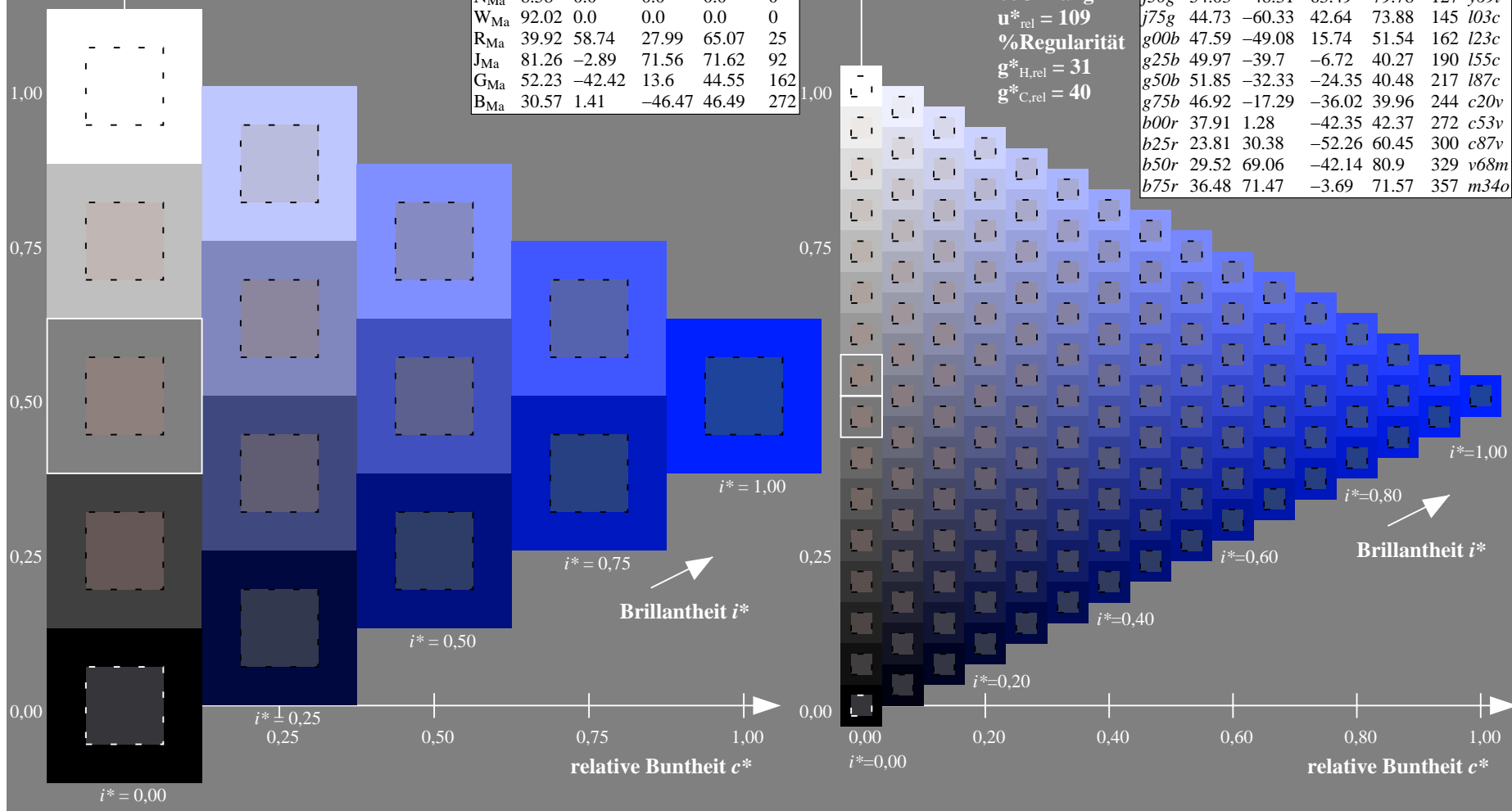
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b25r$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

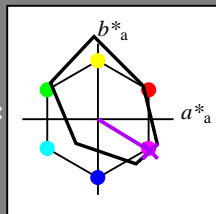
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 69 -42

$LAB^*LCH^*_{Ma}$ : 30 81 328

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

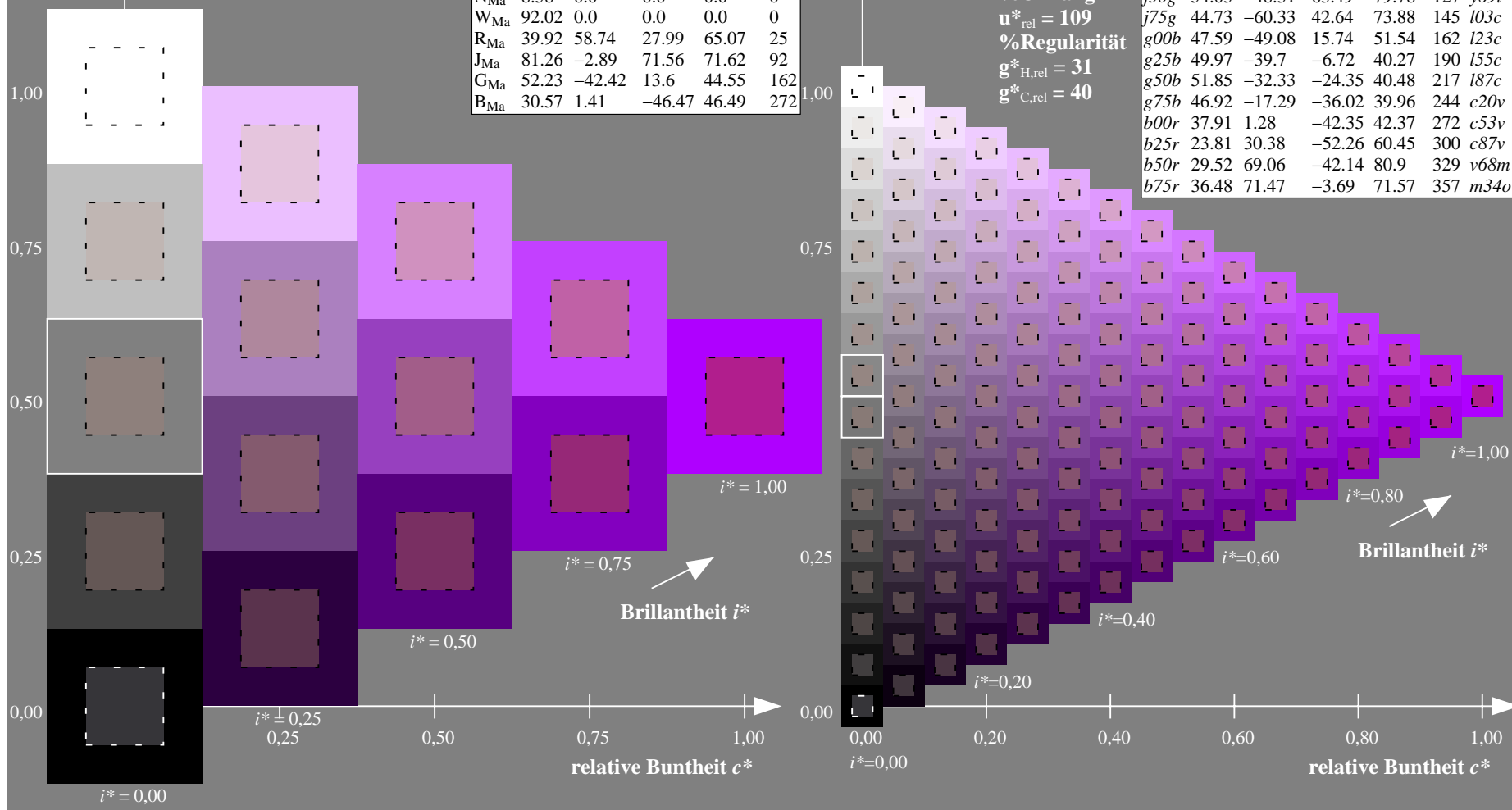
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b50r$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

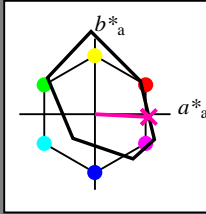
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m34o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 36 71 -4

$LAB^*LCH^*_{Ma}$ : 36 72 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

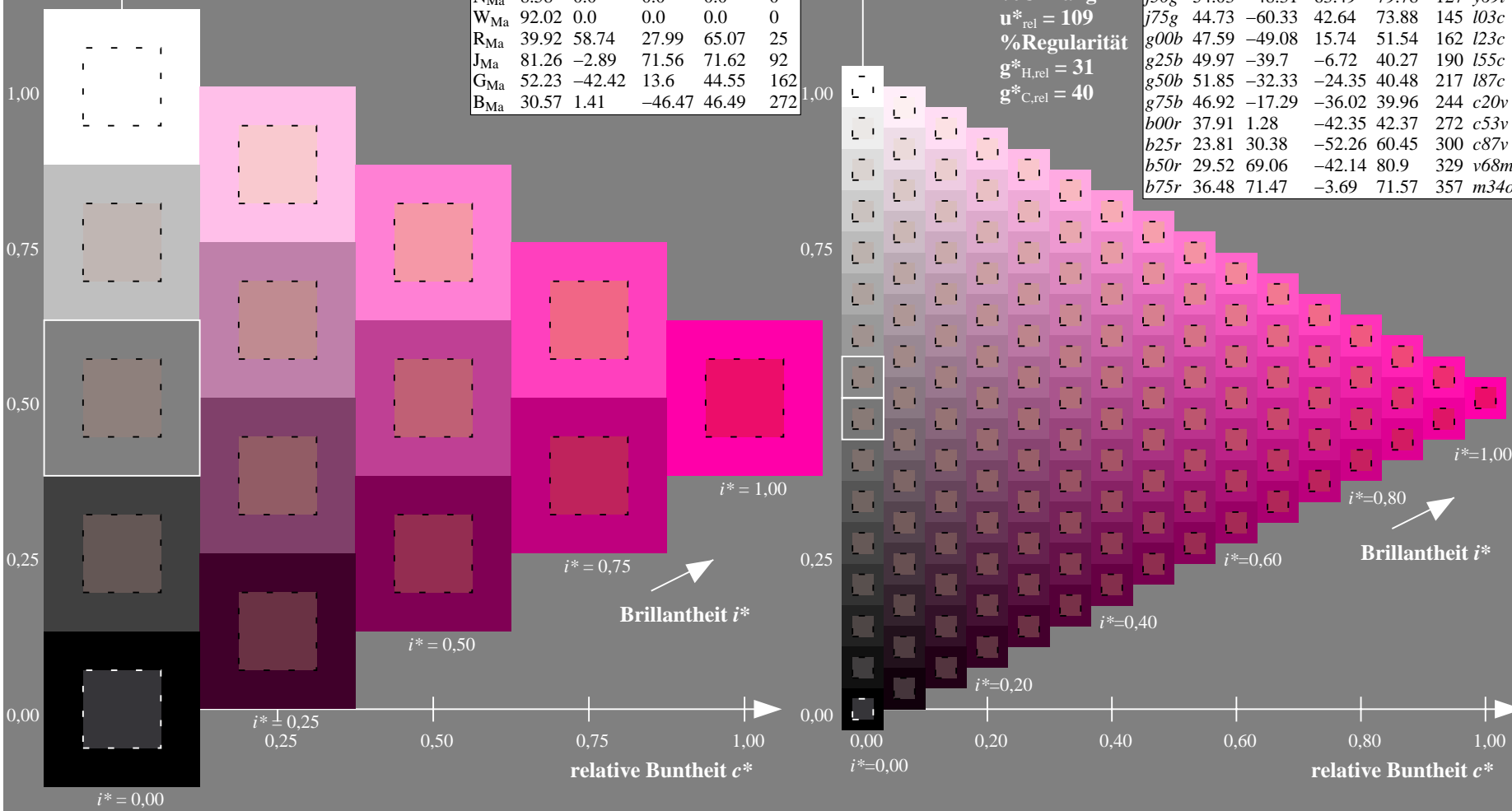
$g^*_{H,rel} = 31$

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

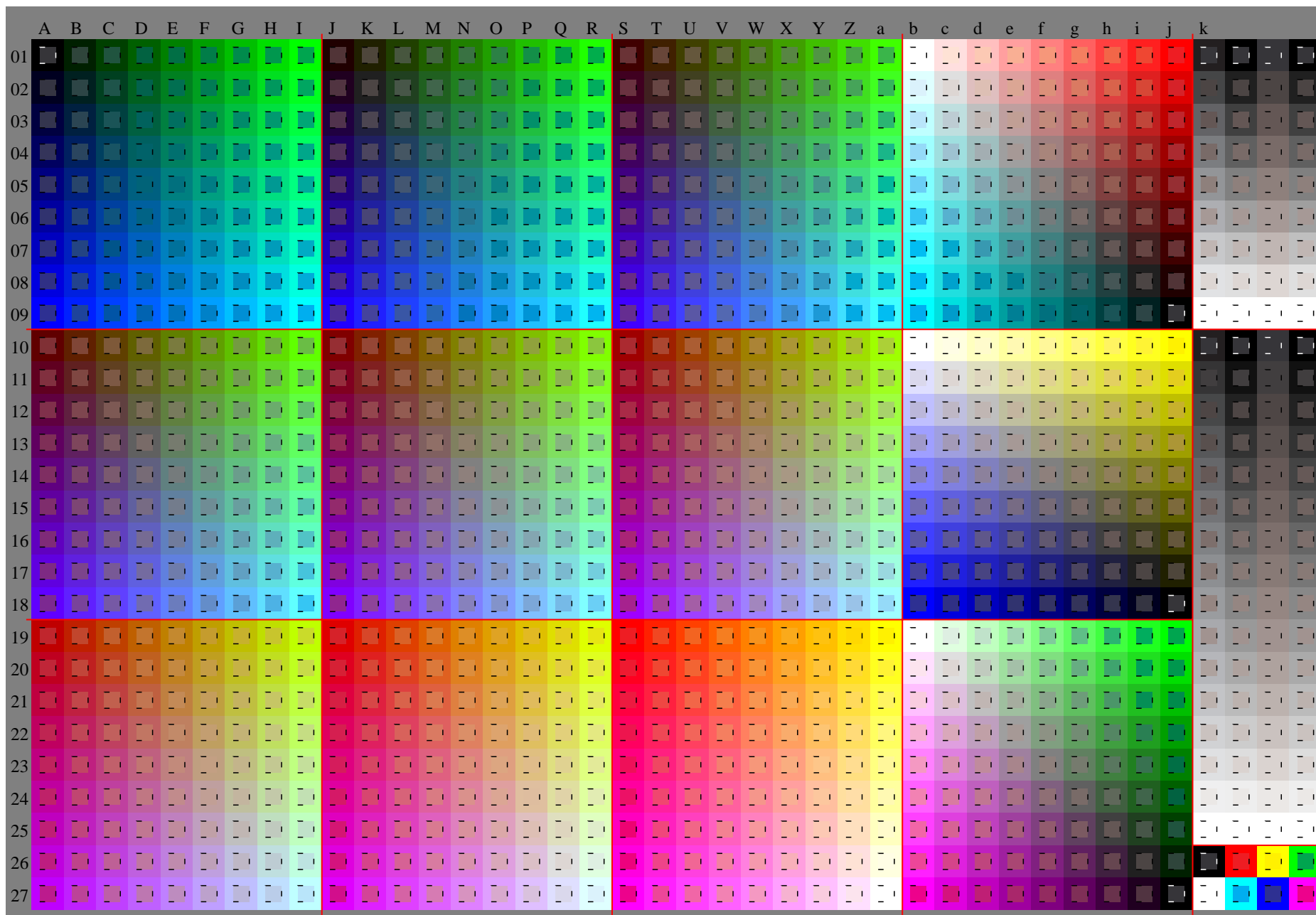
FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b75r$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg36/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, Col5px=0



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15

Elementar-Bunttontext:

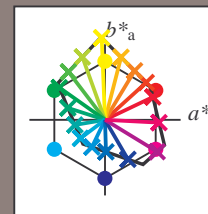
$u^*_e = 16$  Bunttoene  $r00j, r25j, ..., b75r$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

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



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

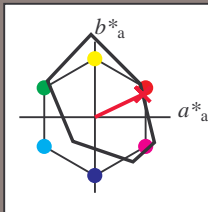
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 35 63 30

$LAB^*LCH^*_{Ma}$ : 35 70 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

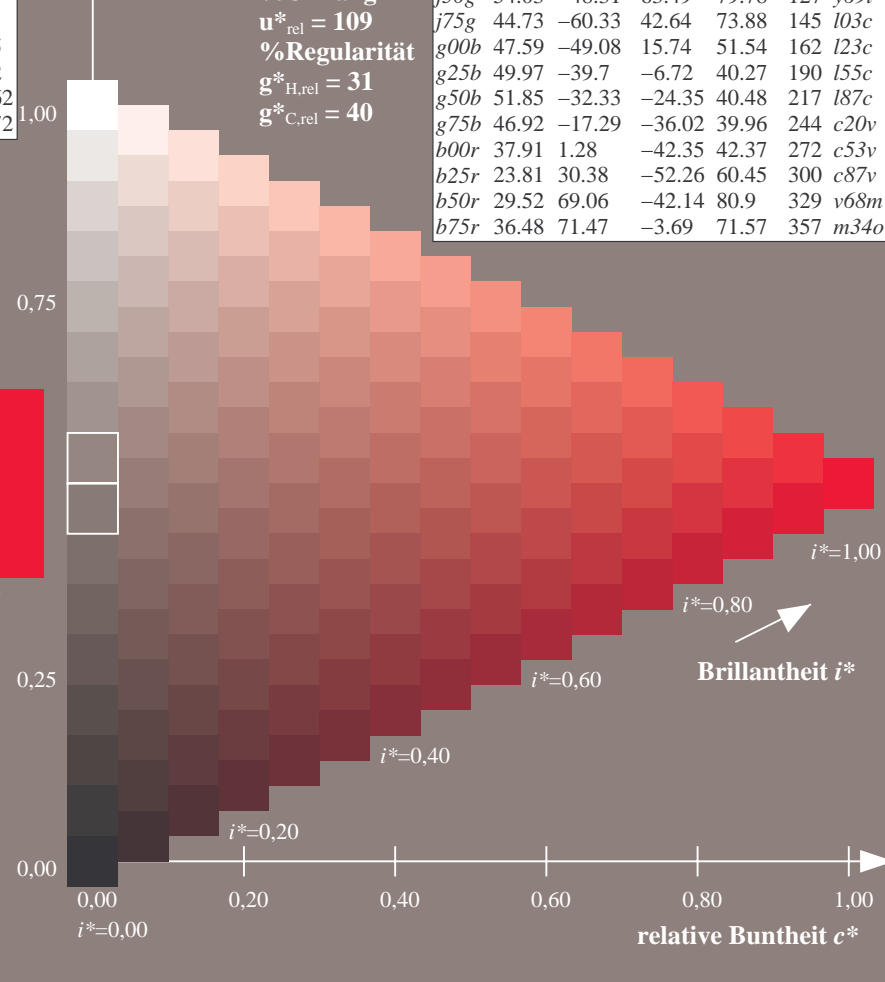
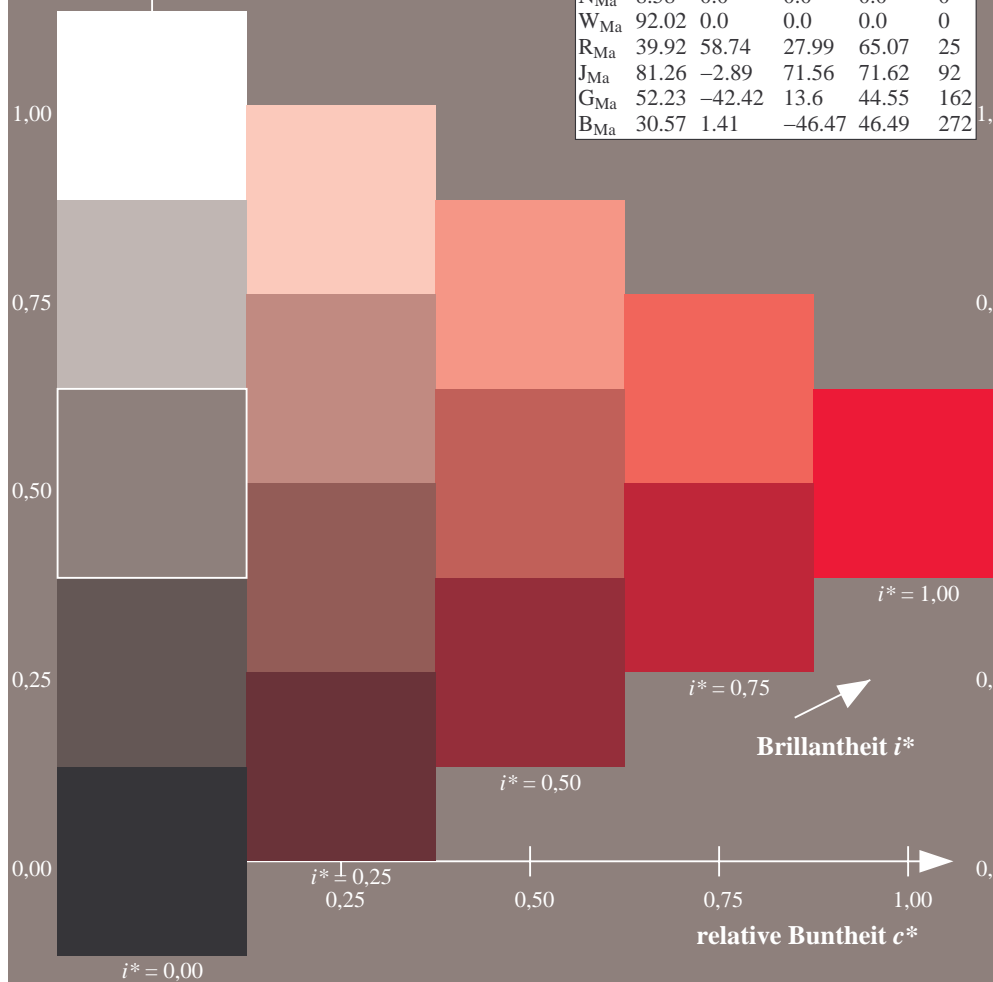
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

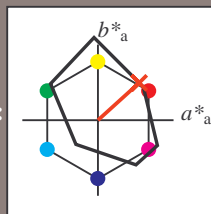
Bunttontexte:

$u_e^* = r25j$   $u_d^* = o10y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 39 55 49

$LAB^*LCH^*Ma$ : 39 74 42

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

$lab^*olv^*Ma$ : 1.0 0.11 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

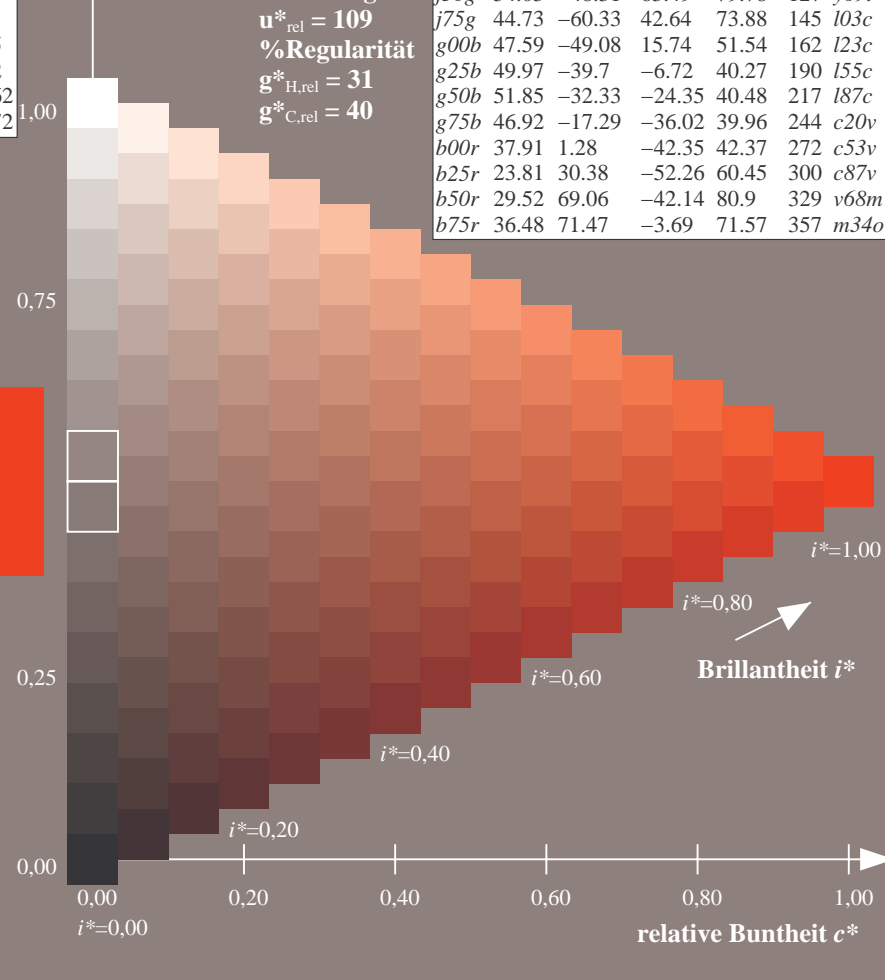
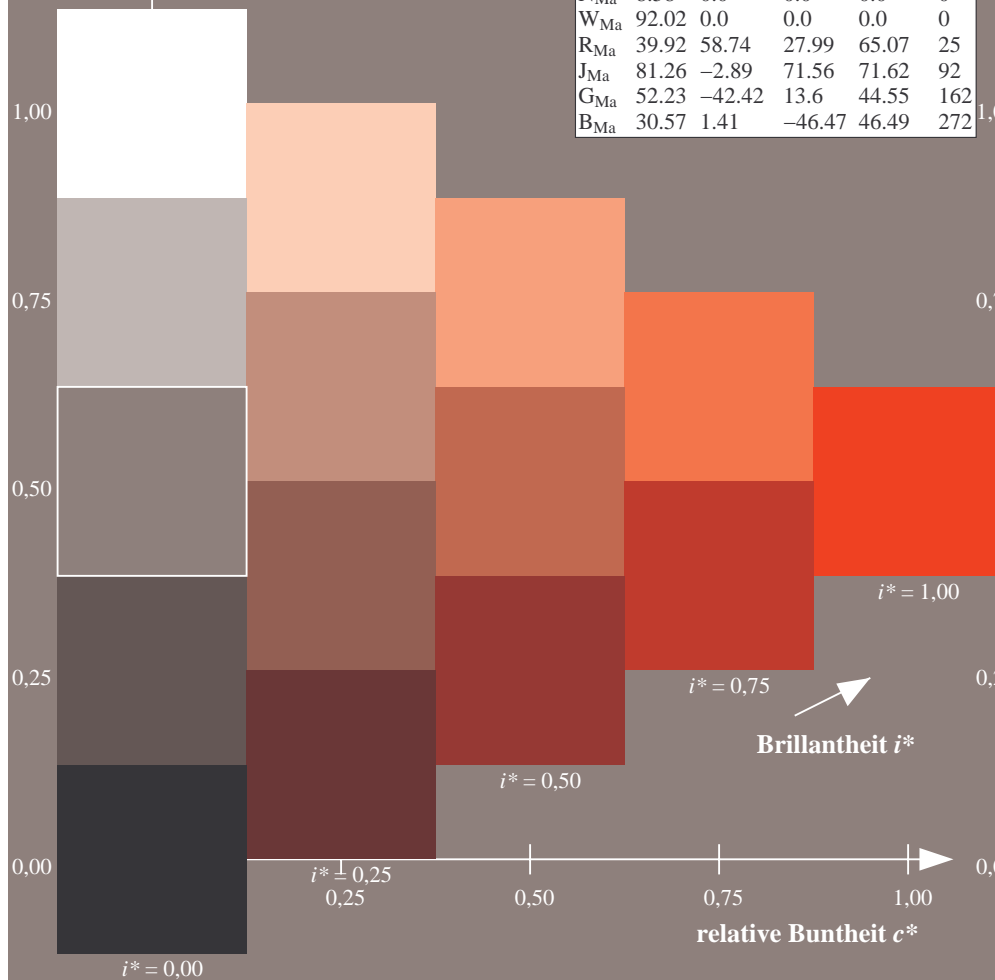
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_d^*$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

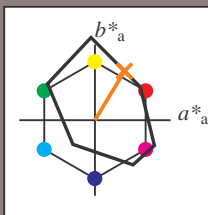
Bunttontexte:

$u_e^* = r50j$   $u_d^* = o40y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 51 39 65

$LAB^*LCH^*Ma$ : 51 76 58

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

$lab^*olv^*Ma$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 109$

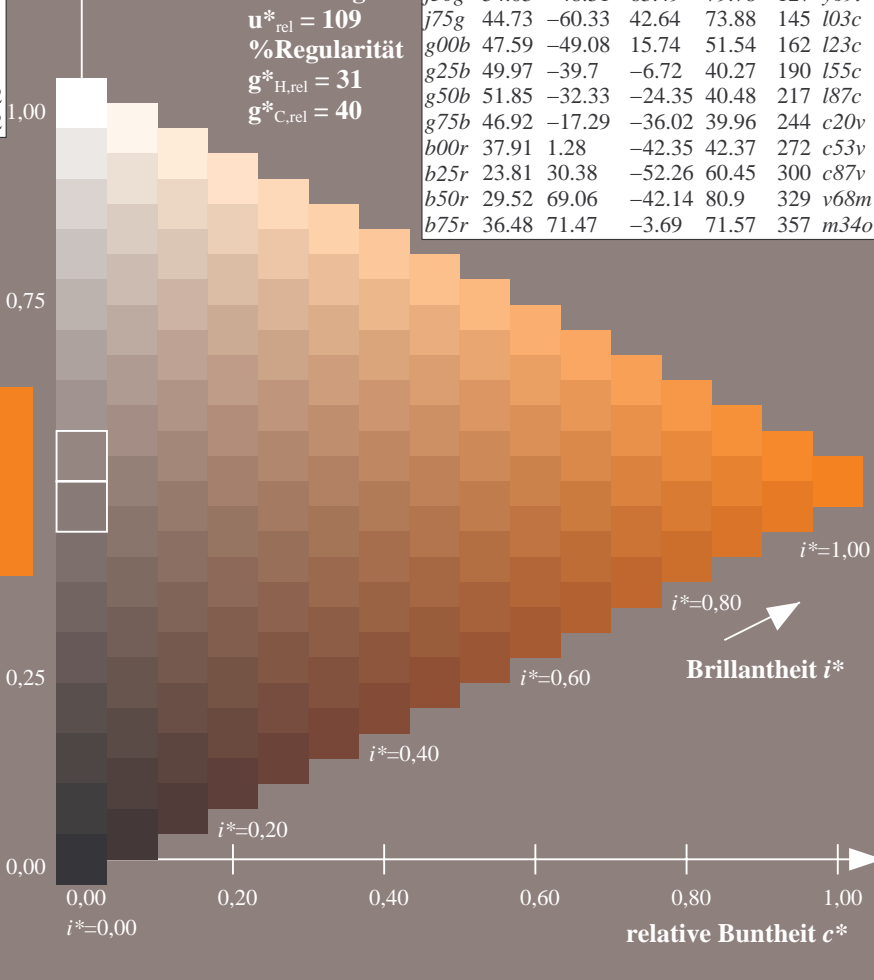
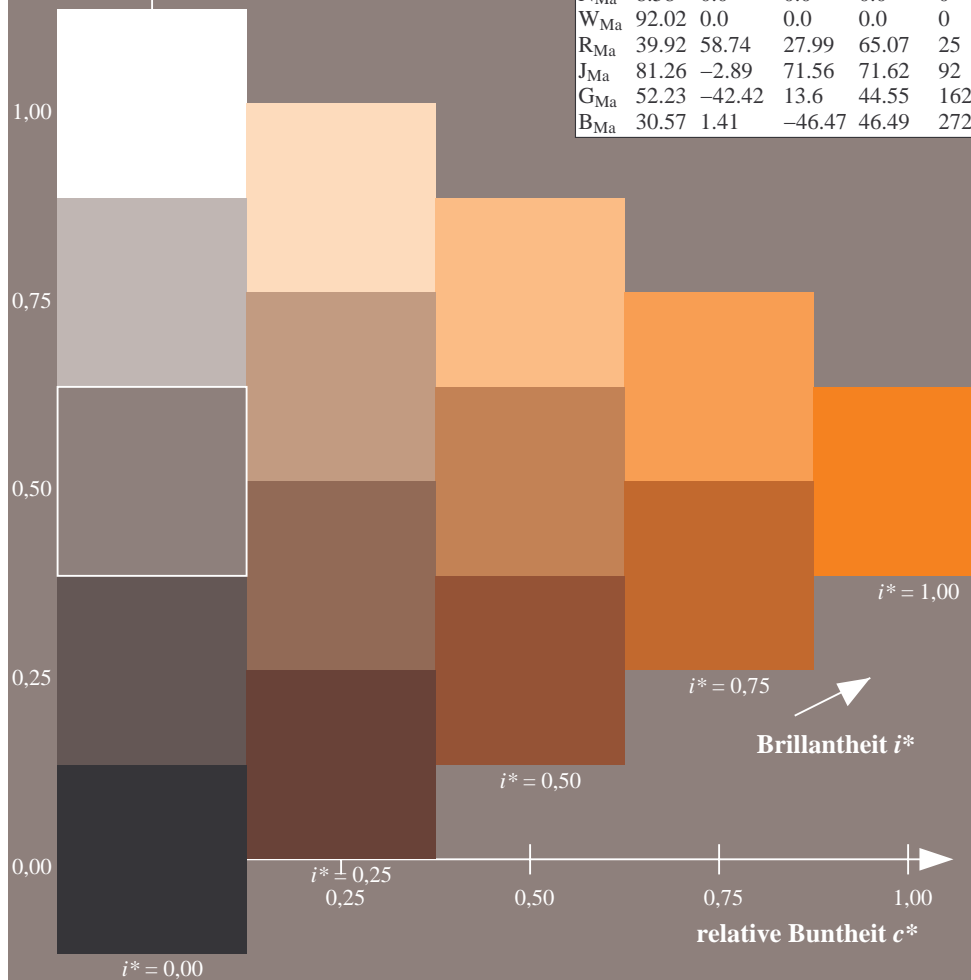
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS09\_92a; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_d^*$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	





Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

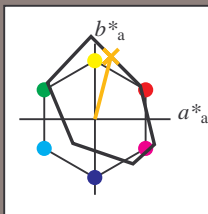
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 64 21 83

$LAB^*LCH^*_{Ma}$ : 64 86 75

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

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

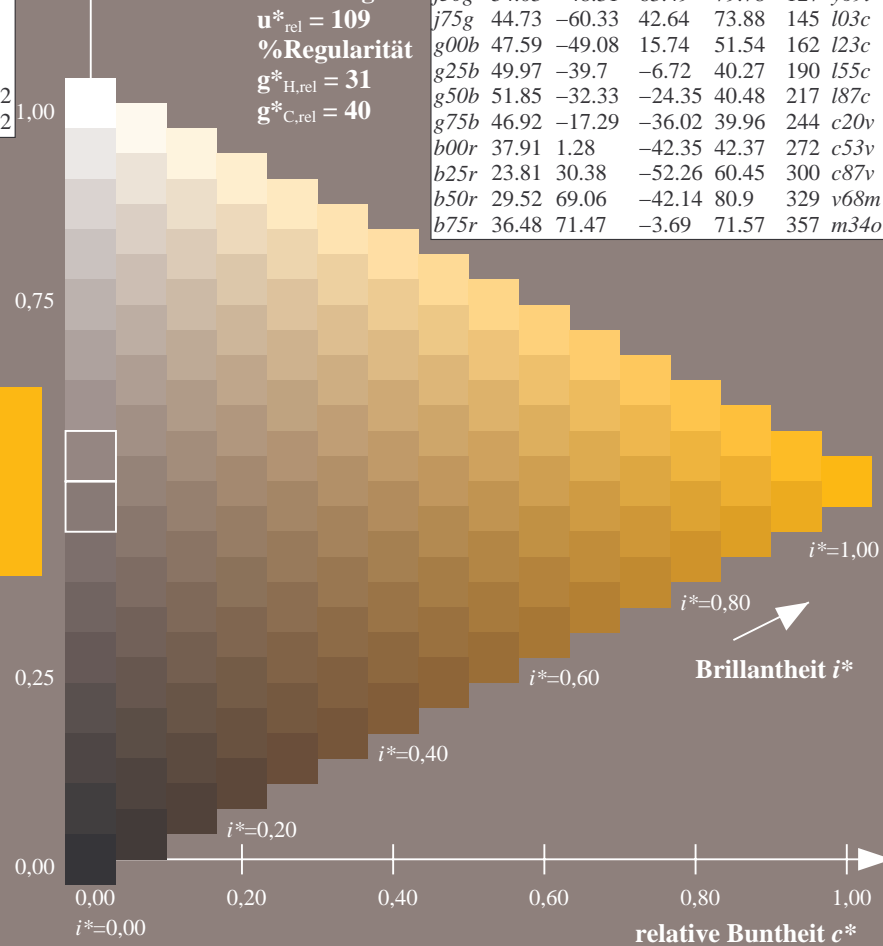
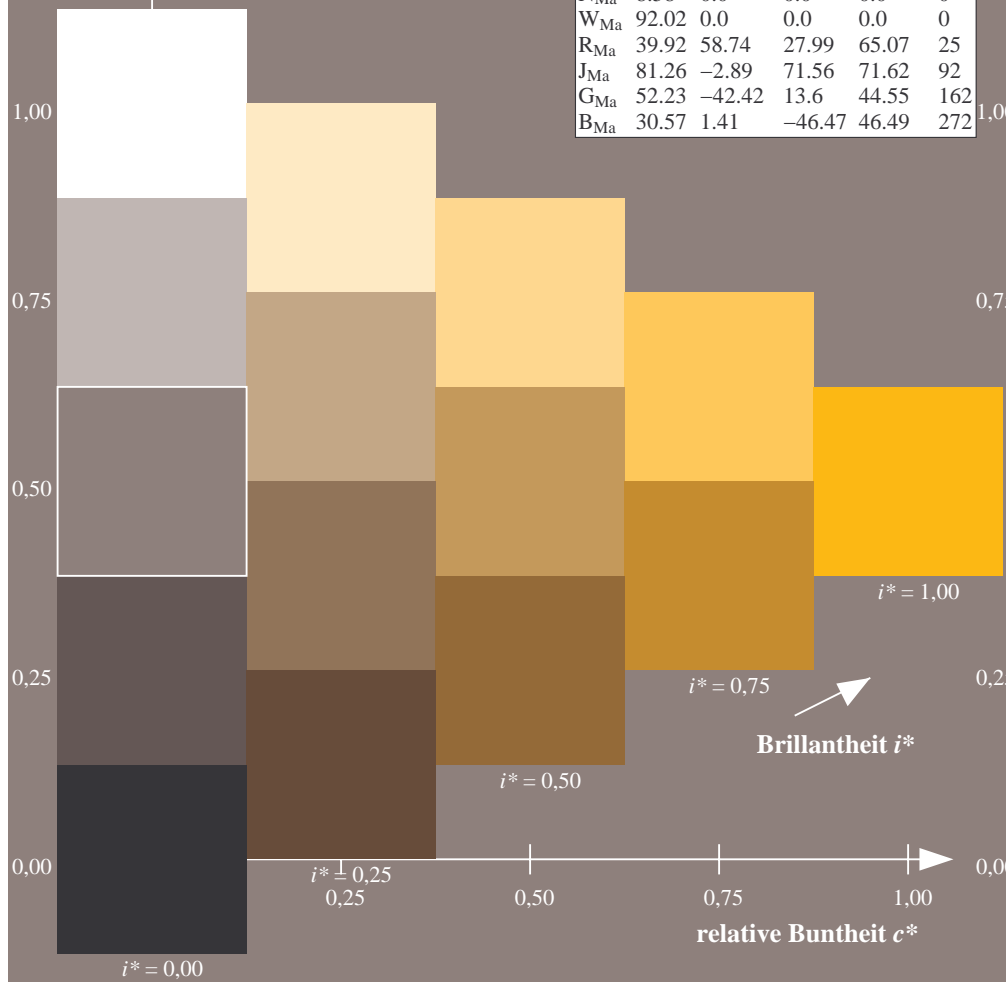
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

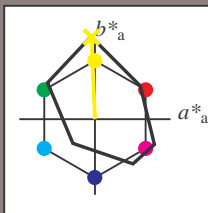
Bunttontexte:

$u_e^* = j00g$   $u_d^* = o98y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 83 -4 109

$LAB^*LCH^*Ma$ : 83 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u_{rel}^* = 109$

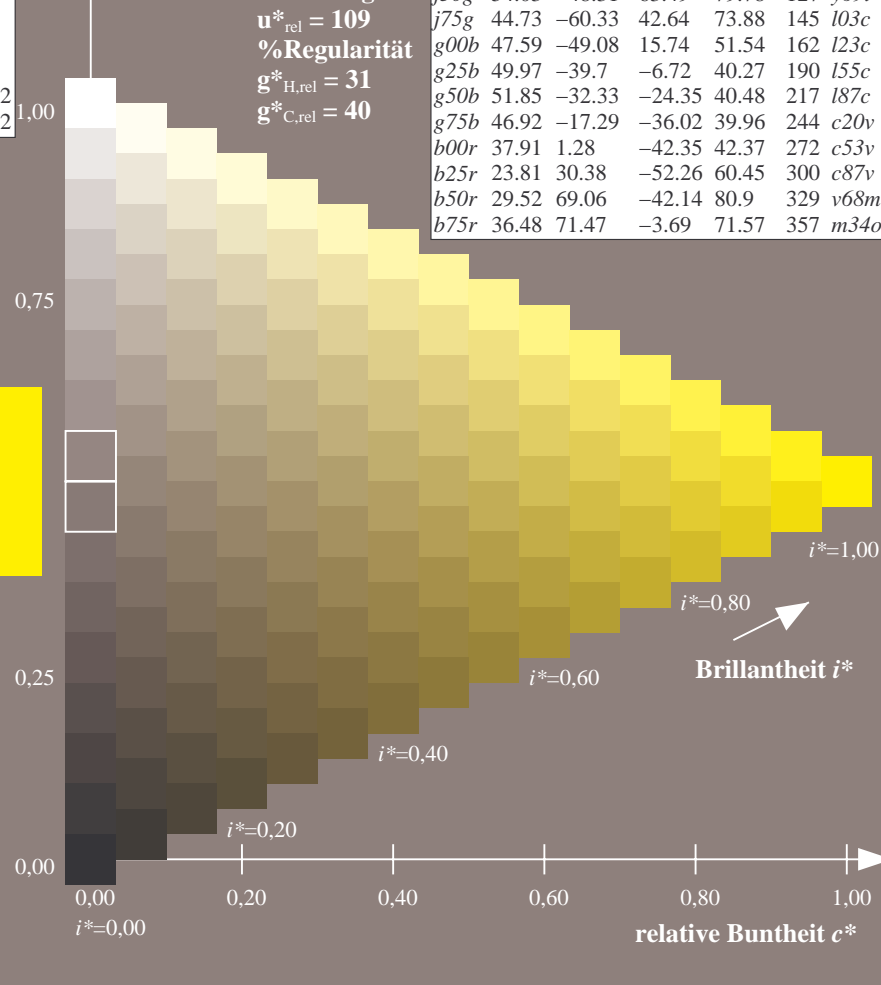
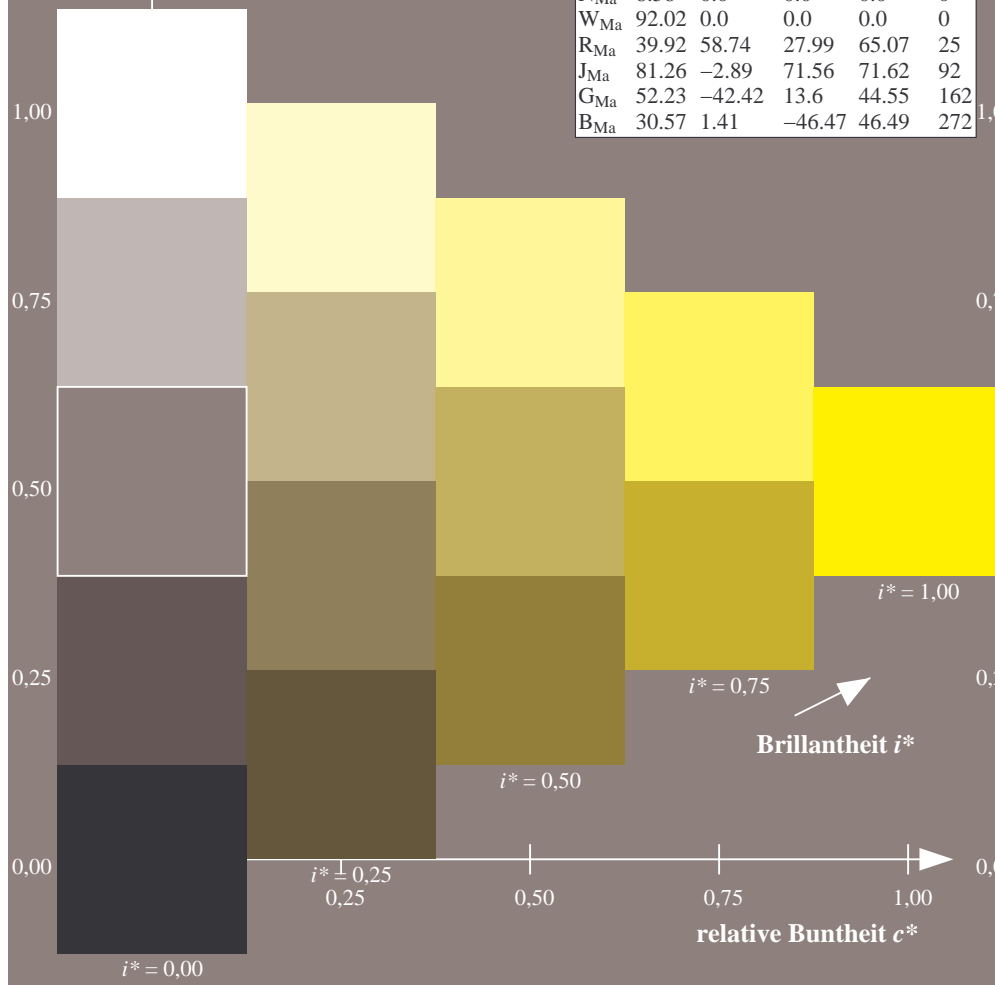
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS09\_92a; adaptierte CIELAB-Daten

$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_d^*$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

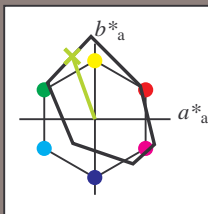
Bunttontexte:

$u_e^* = j25g$   $u_d^* = y34l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 67 -30 83

$LAB^*LCH^*Ma$ : 67 88 109

$lab^*rgb^*Ma$ : 0.75 1.0 0.0

$lab^*olv^*Ma$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u_{rel}^* = 109$

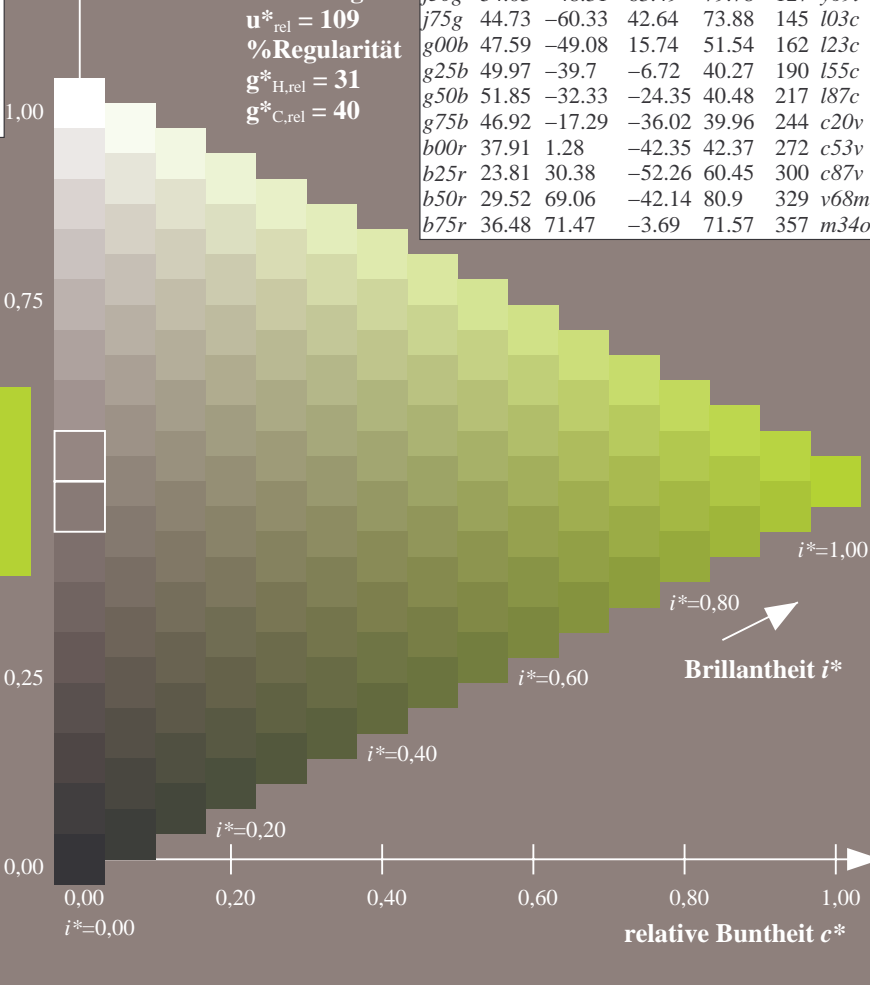
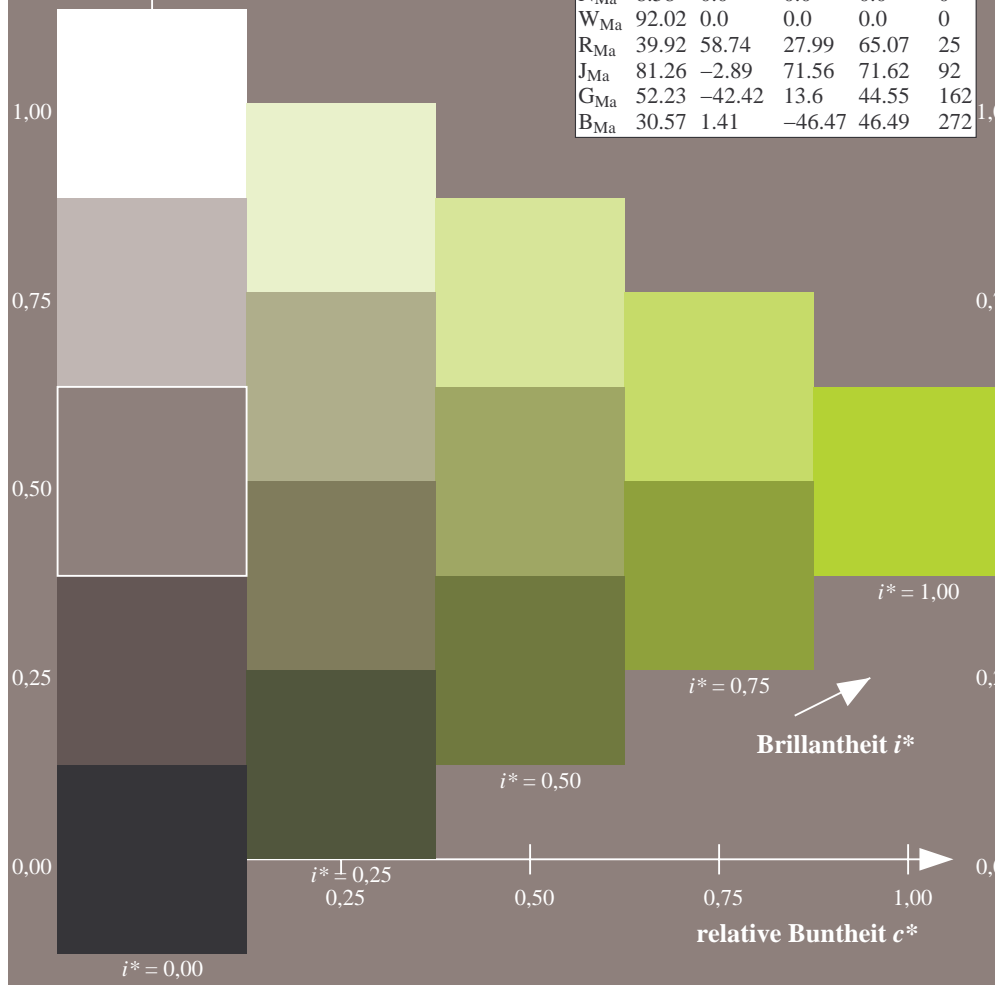
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS09\_92a; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_d^*$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

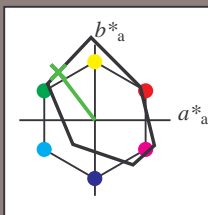
Bunttontexte:

$u_e^* = j50g$   $u_d^* = y69l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -48 63

$LAB^*LCH^*_{Ma}$ : 54 80 127

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

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

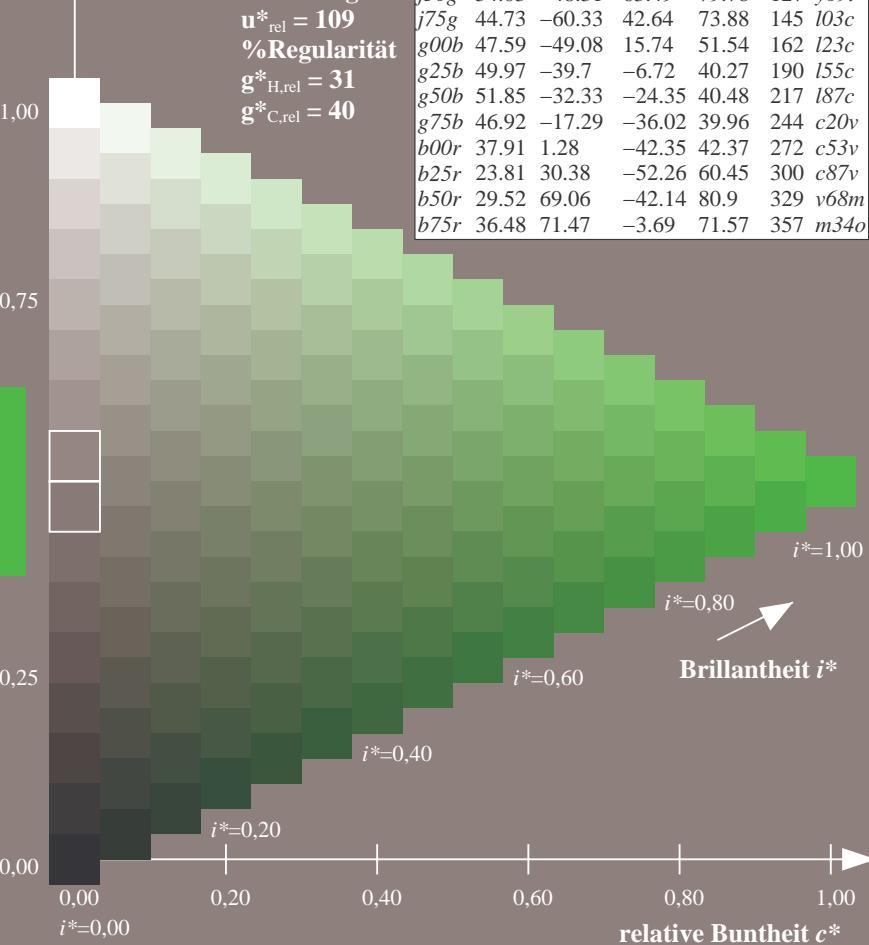
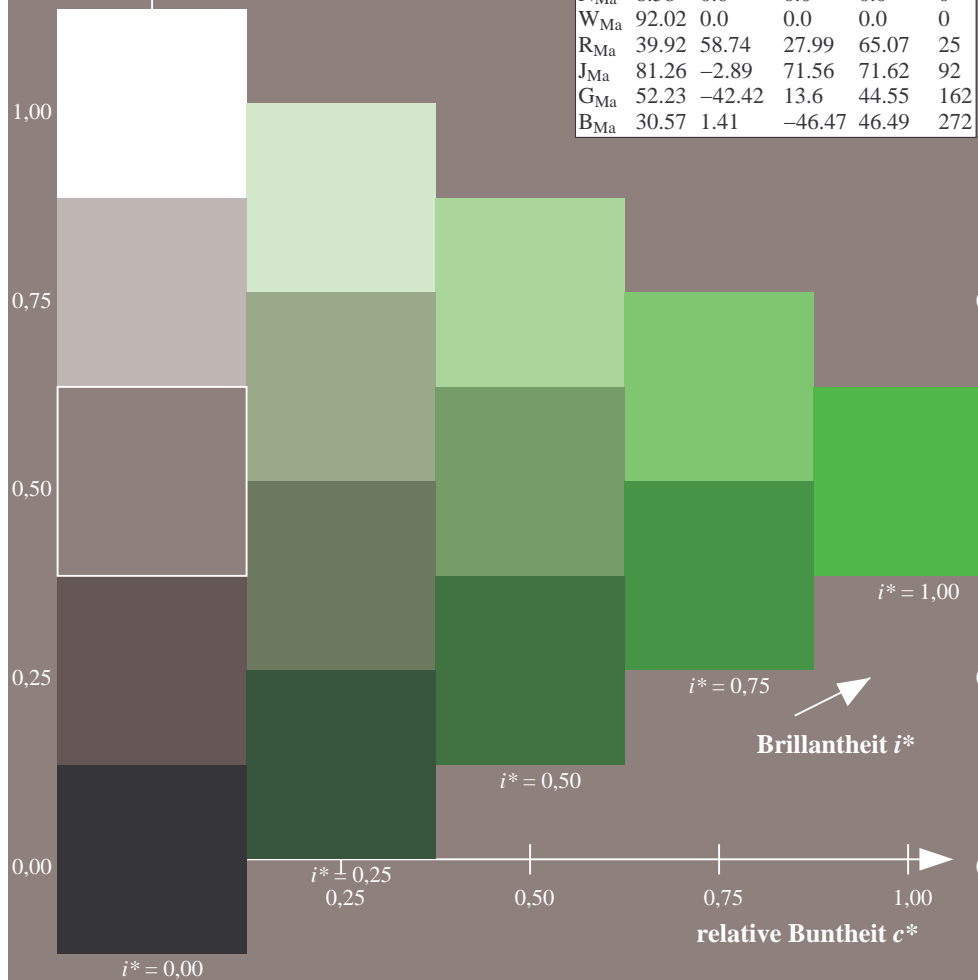
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_d^*$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

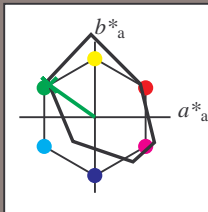
Bunttontexte:

$u_e^* = j75g$   $u_d^* = i03c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 45 -60 43

$LAB^*LCH^*_{Ma}$ : 45 74 144

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

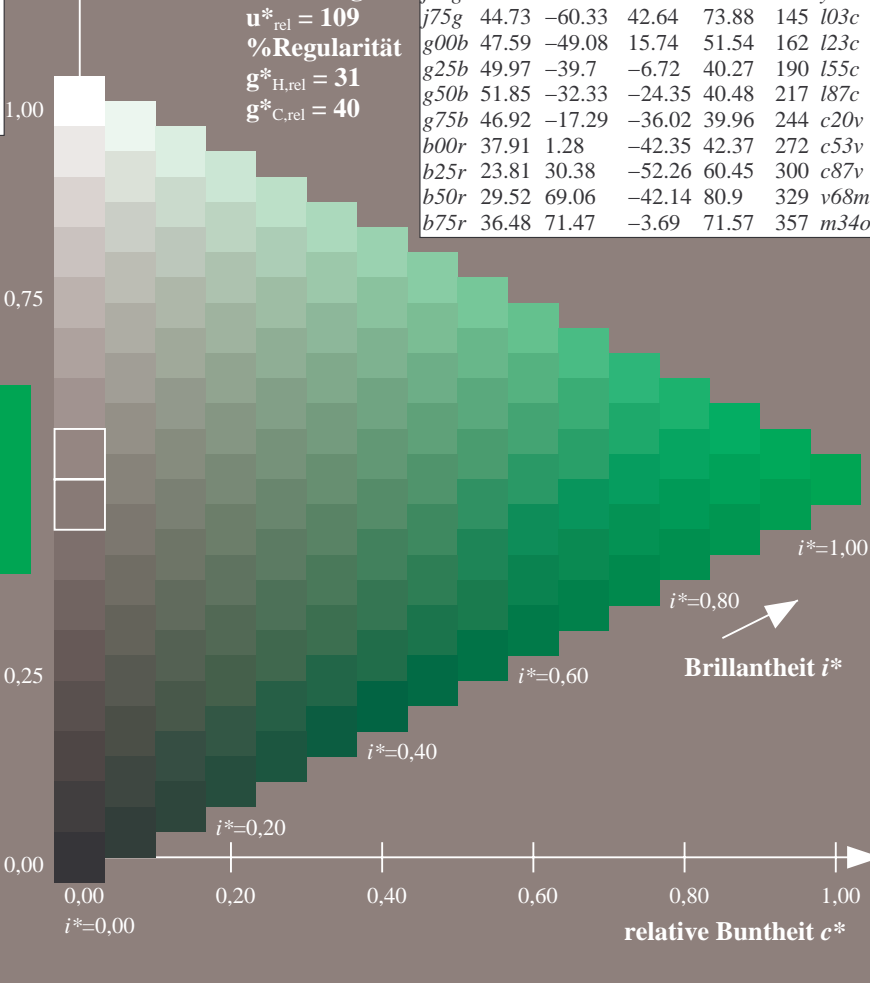
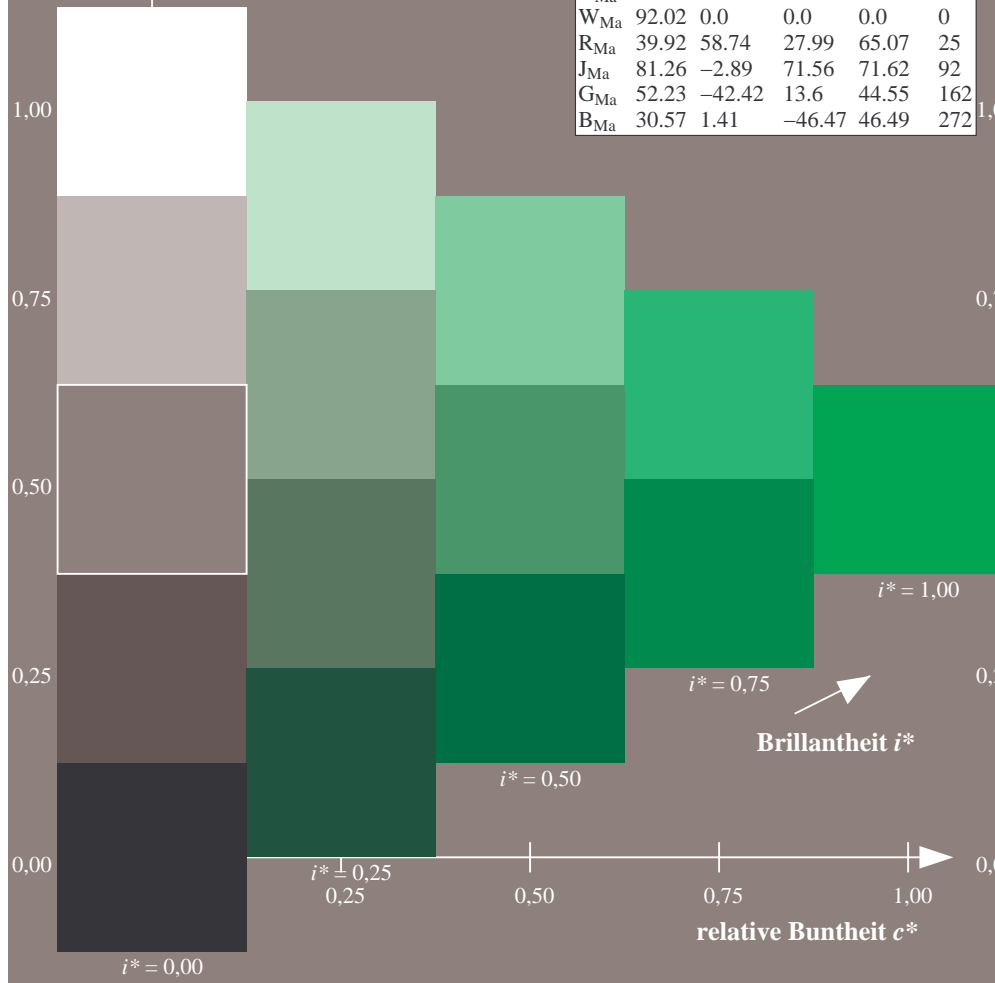
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_d^*$		
r00j	35.47	63.32	30.17	70.15	25			m81o	
r25j	39.12	54.56	49.45	73.64	42			o10y	
r50j	50.64	39.15	64.89	75.79	59			o40y	
r75j	64.01	21.26	82.83	85.52	76			o69y	
j00g	83.18	-4.38	108.53	108.62	92			o98y	
j25g	66.73	-29.89	83.06	88.28	110			y34l	
j50g	54.03	-48.31	63.49	79.78	127			y69l	
j75g	44.73	-60.33	42.64	73.88	145			i03c	
g00b	47.59	-49.08	15.74	51.54	162			i23c	
g25b	49.97	-39.7	-6.72	40.27	190			i55c	
g50b	51.85	-32.33	-24.35	40.48	217			i87c	
g75b	46.92	-17.29	-36.02	39.96	244			c20v	
b00r	37.91	1.28	-42.35	42.37	272			c53v	
b25r	23.81	30.38	-52.26	60.45	300			c87v	
b50r	29.52	69.06	-42.14	80.9	329			v68m	
b75r	36.48	71.47	-3.69	71.57	357			m34o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

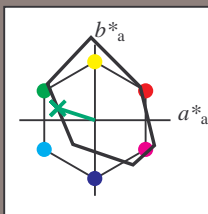
Bunttontexte:

$u_e^* = g00b$   $u_d^* = l23c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -49 16

$LAB^*LCH^*_{Ma}$ : 48 52 162

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $i^*$

%Umfang

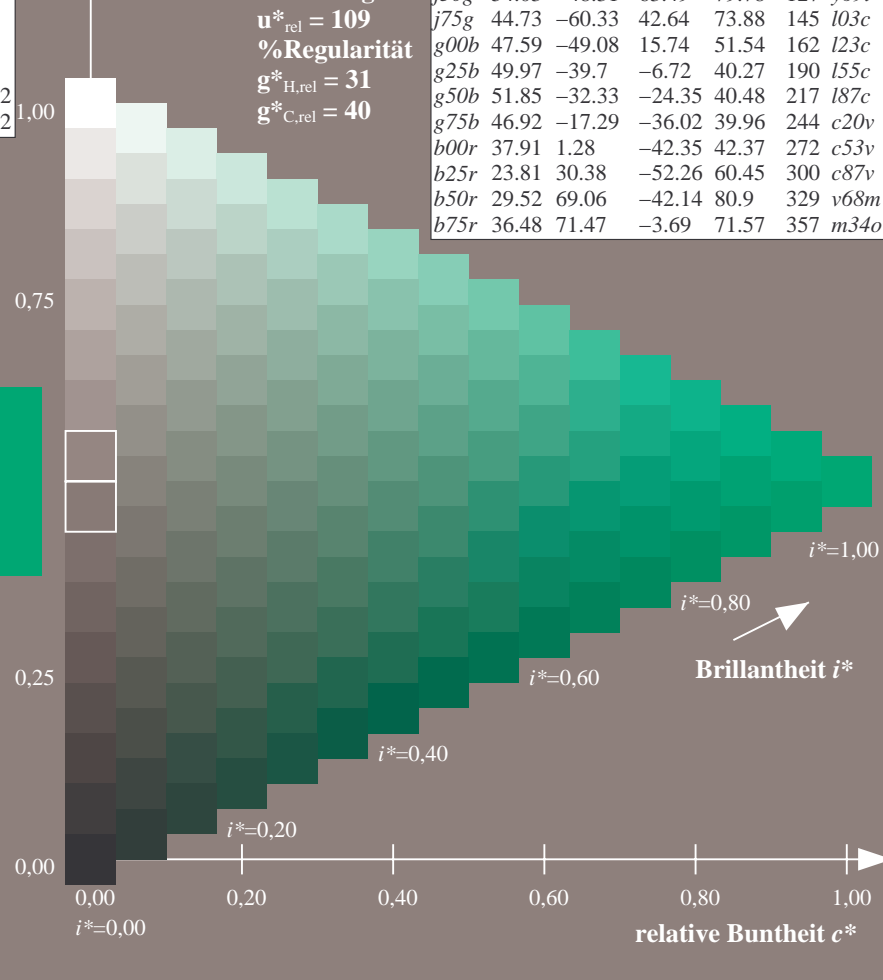
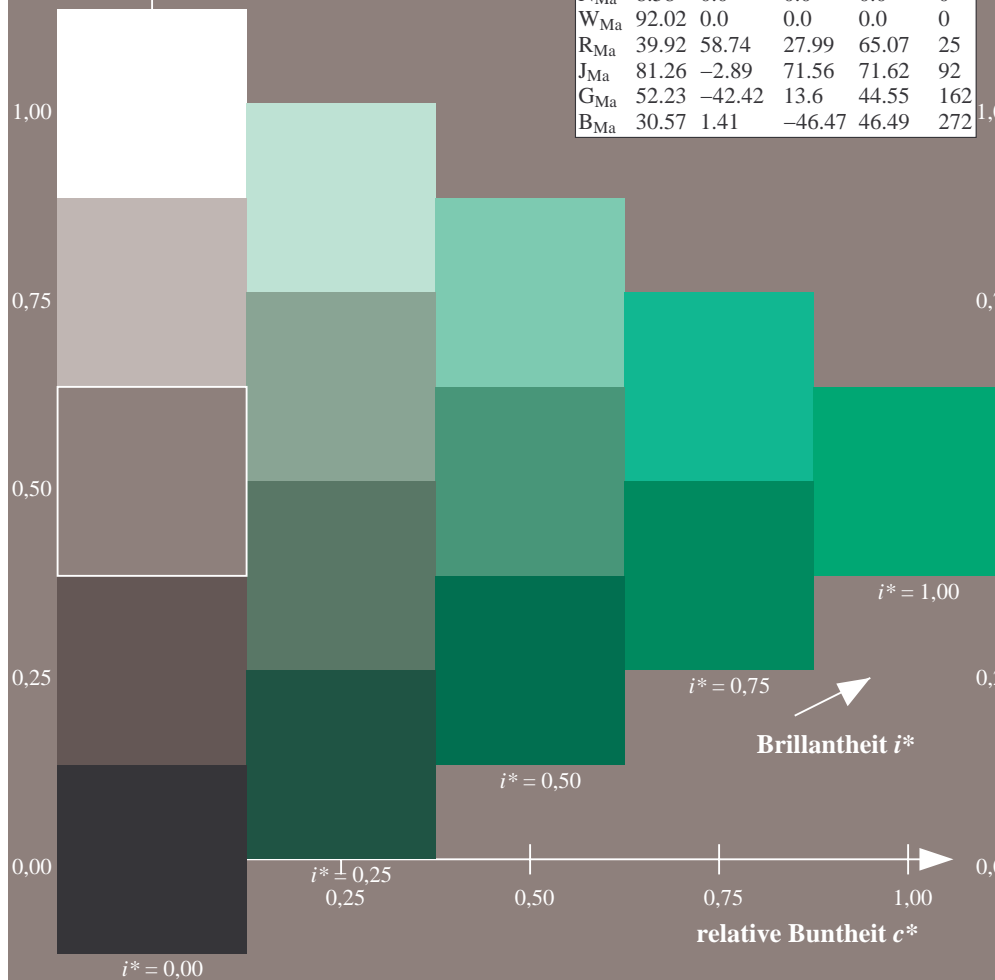
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten							
	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_d^*$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	





Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

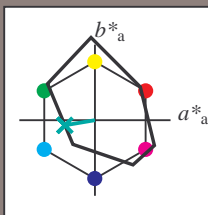
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
OMa	35.06	60.0	44.0	74.4	36	
YMa	83.77	-5.17	109.32	109.44	93	
LMa	44.13	-62.67	48.24	79.09	142	
CMa	52.66	-29.14	-31.99	43.27	228	
VMa	14.15	50.3	-59.04	77.57	310	
MMa	37.37	78.64	-33.5	85.48	337	
NMa	8.58	0.0	0.0	0.0	0	
WMa	92.02	0.0	0.0	0.0	0	
RMa	39.92	58.74	27.99	65.07	25	
JMa	81.26	-2.89	71.56	71.62	92	
GMa	52.23	-42.42	13.6	44.55	162	
BMa	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 50 -40 -7

$LAB^*LCH^*Ma$ : 50 40 189

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

$lab^*olv^*Ma$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

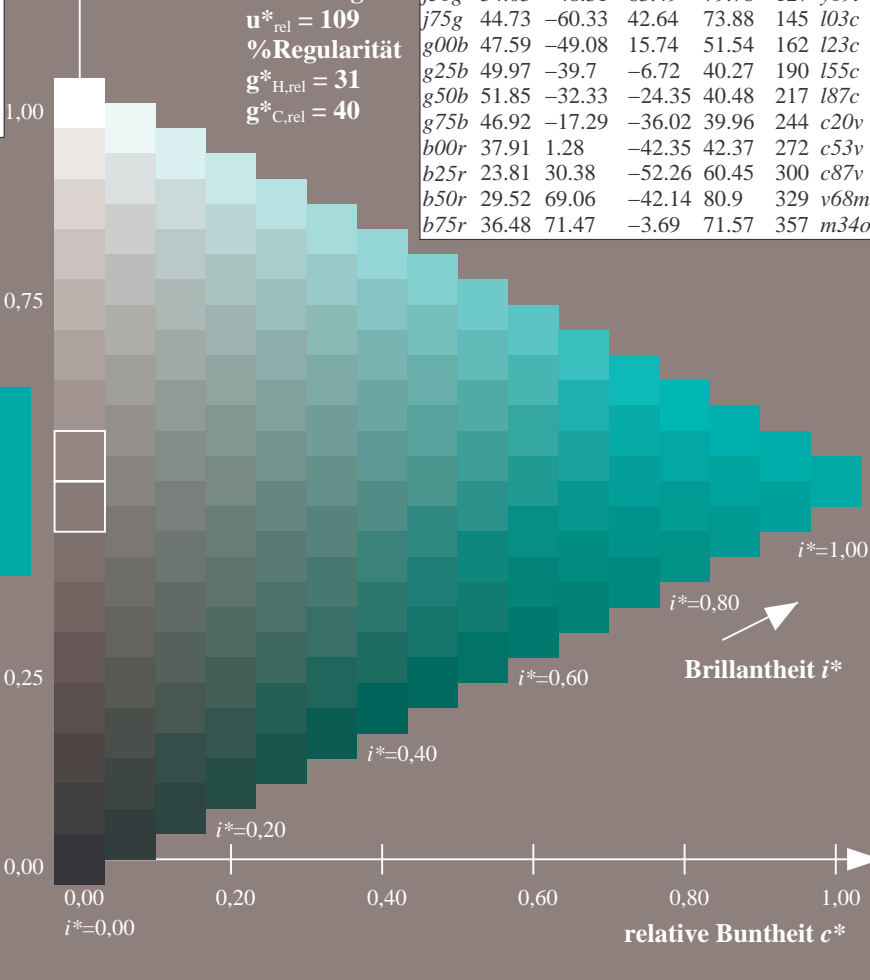
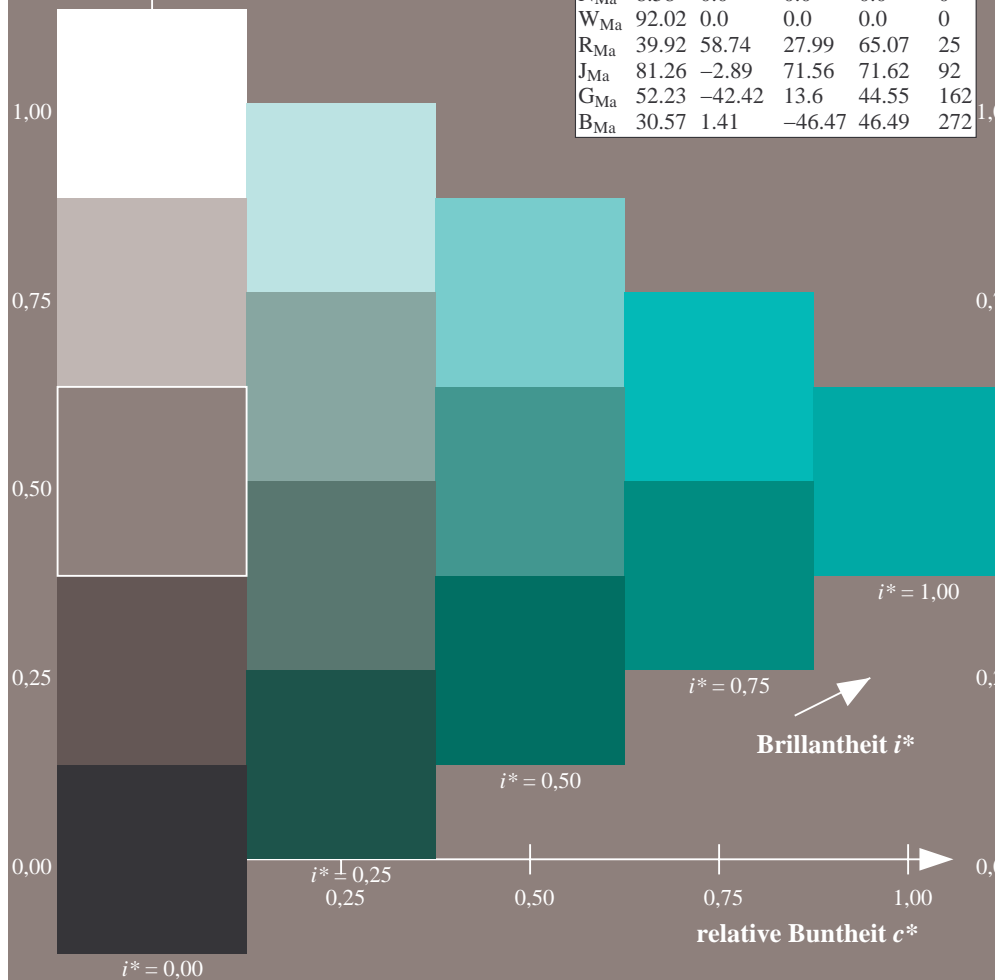
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

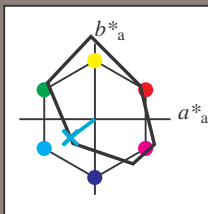
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -32 -24

$LAB^*LCH^*_{Ma}$ : 52 40 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.87

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

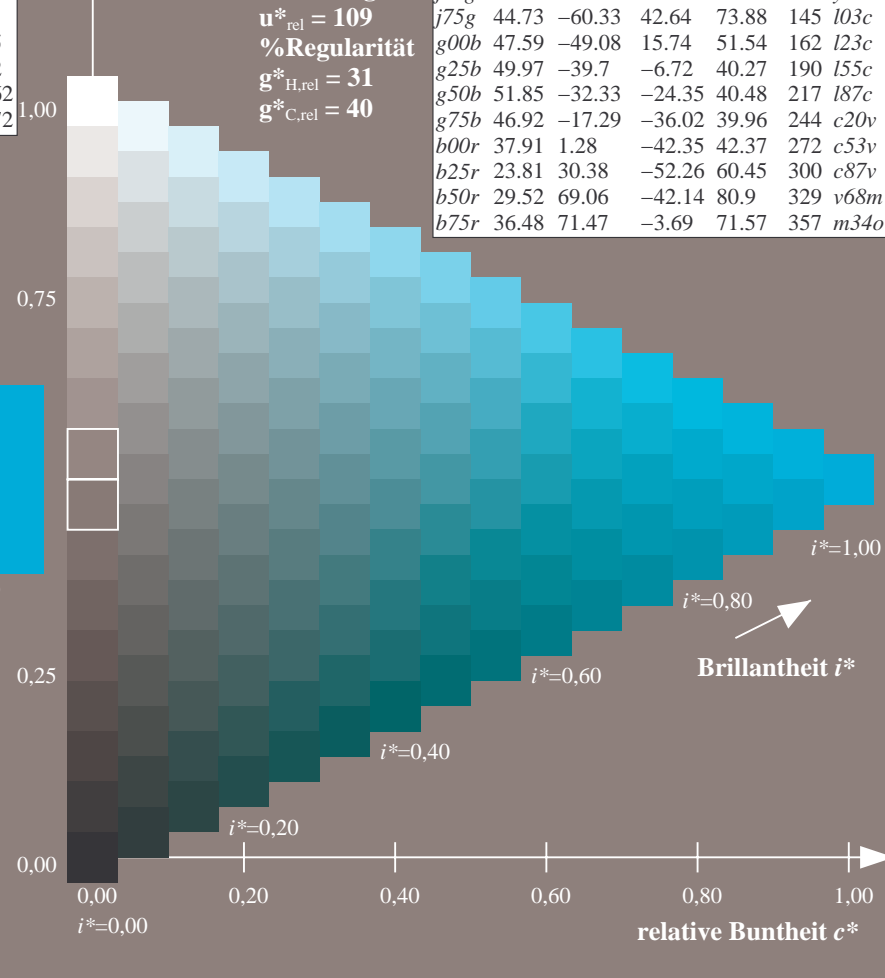
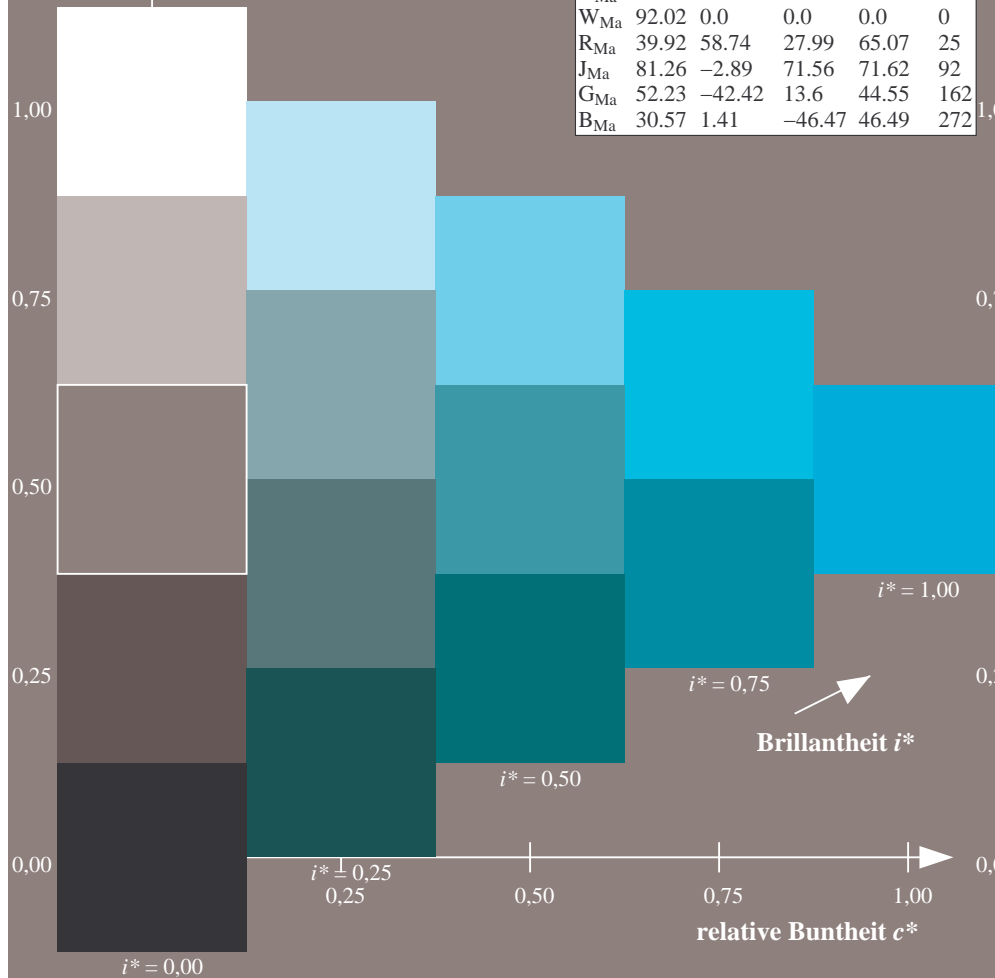
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

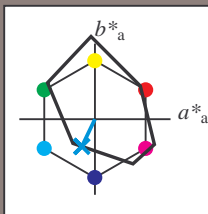
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 47 -17 -36

$LAB^*LCH^*Ma$ : 47 40 244

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

$lab^*olv^*Ma$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

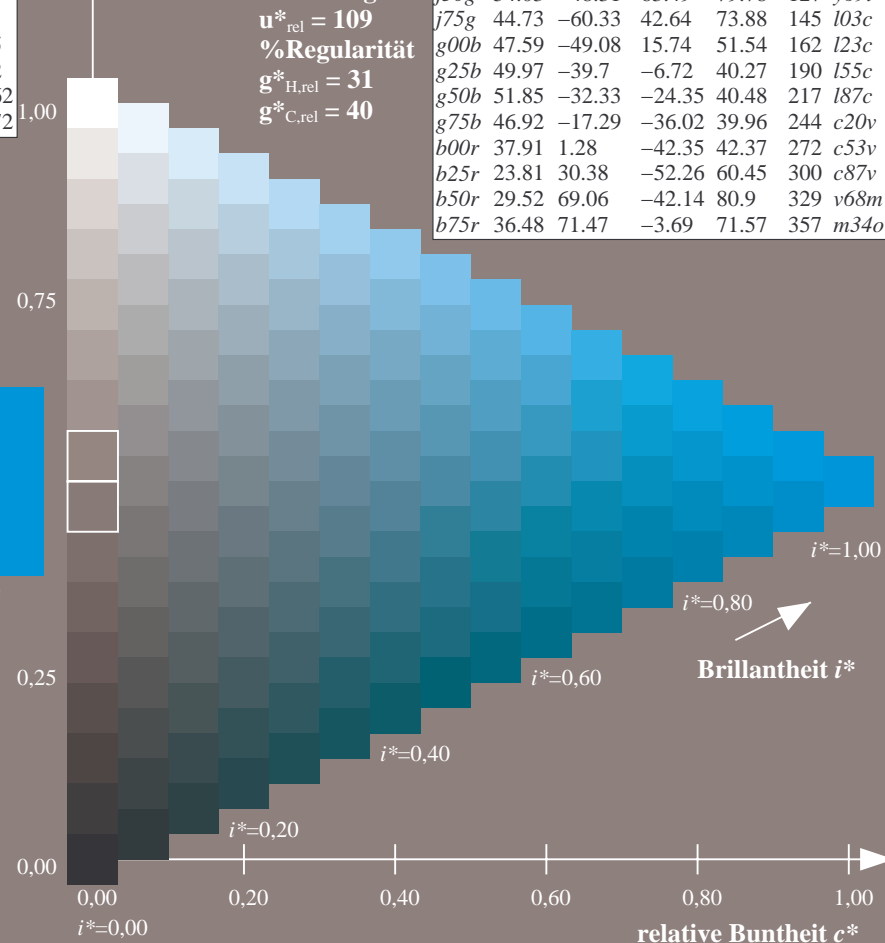
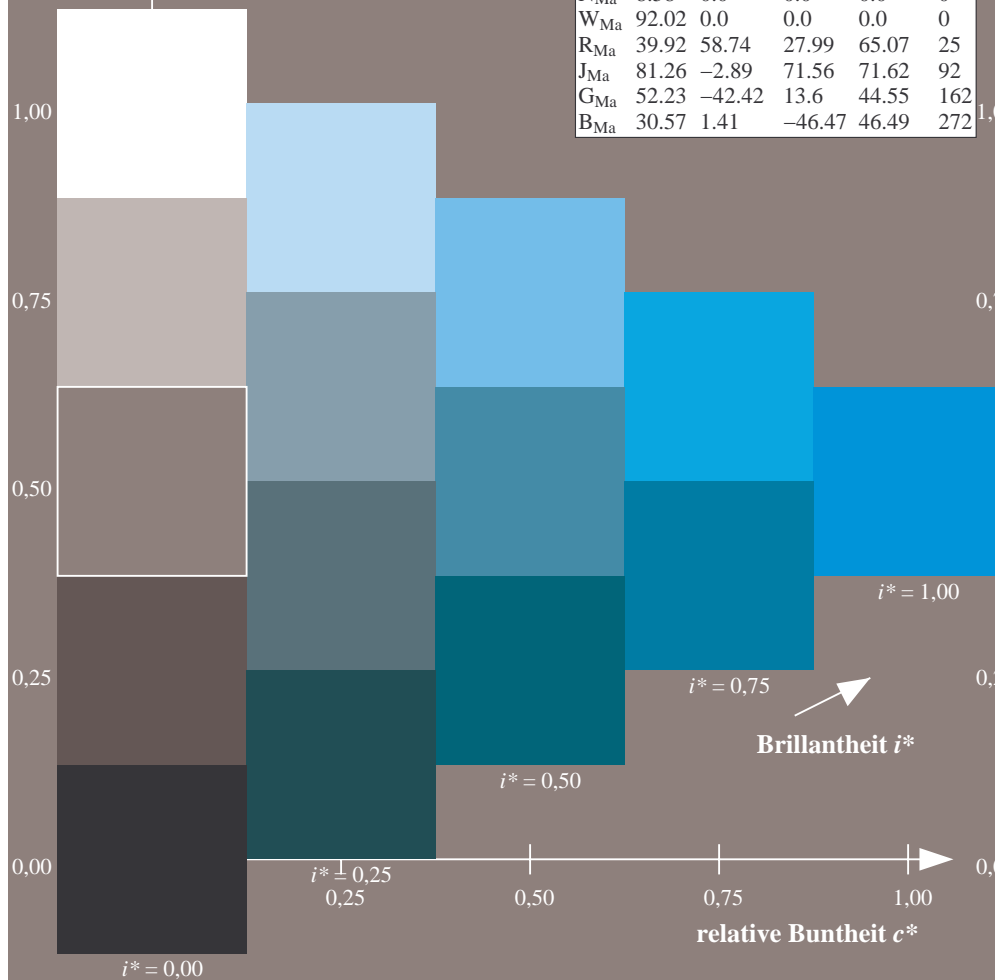
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

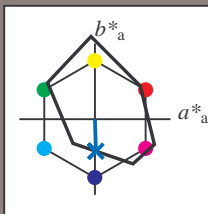
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 38 1 -42

$LAB^*LCH^*Ma$ : 38 42 271

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

$lab^*olv^*Ma$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

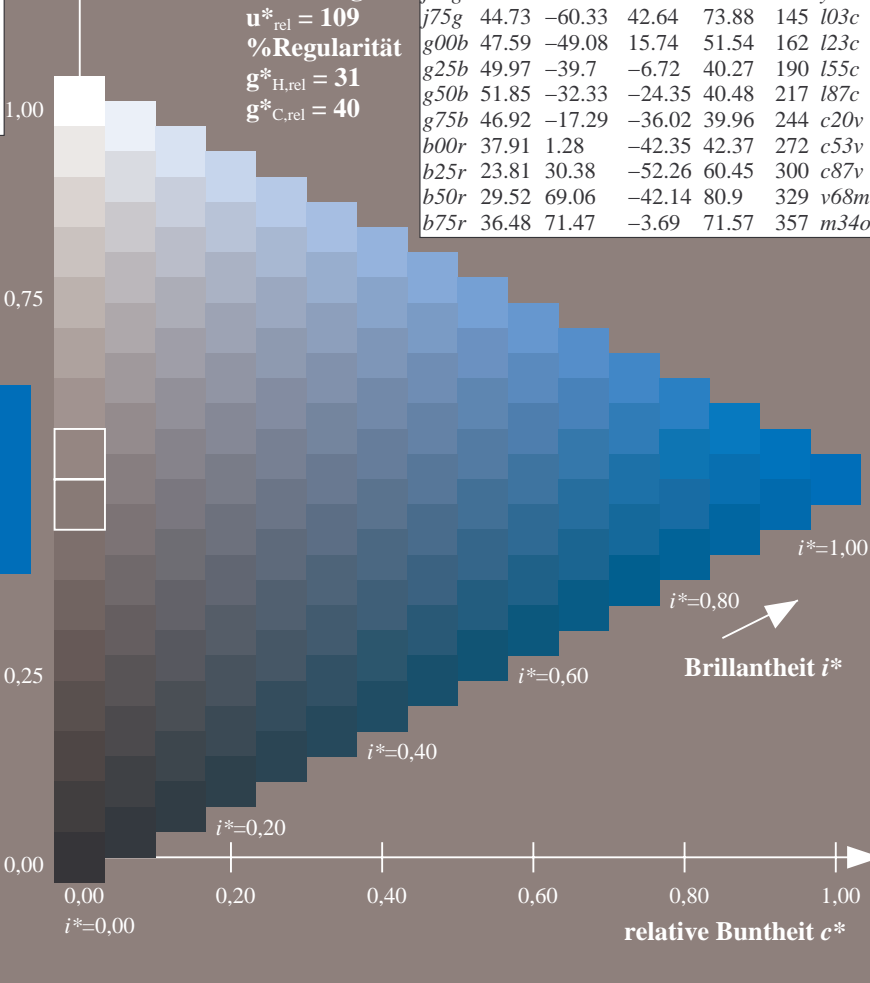
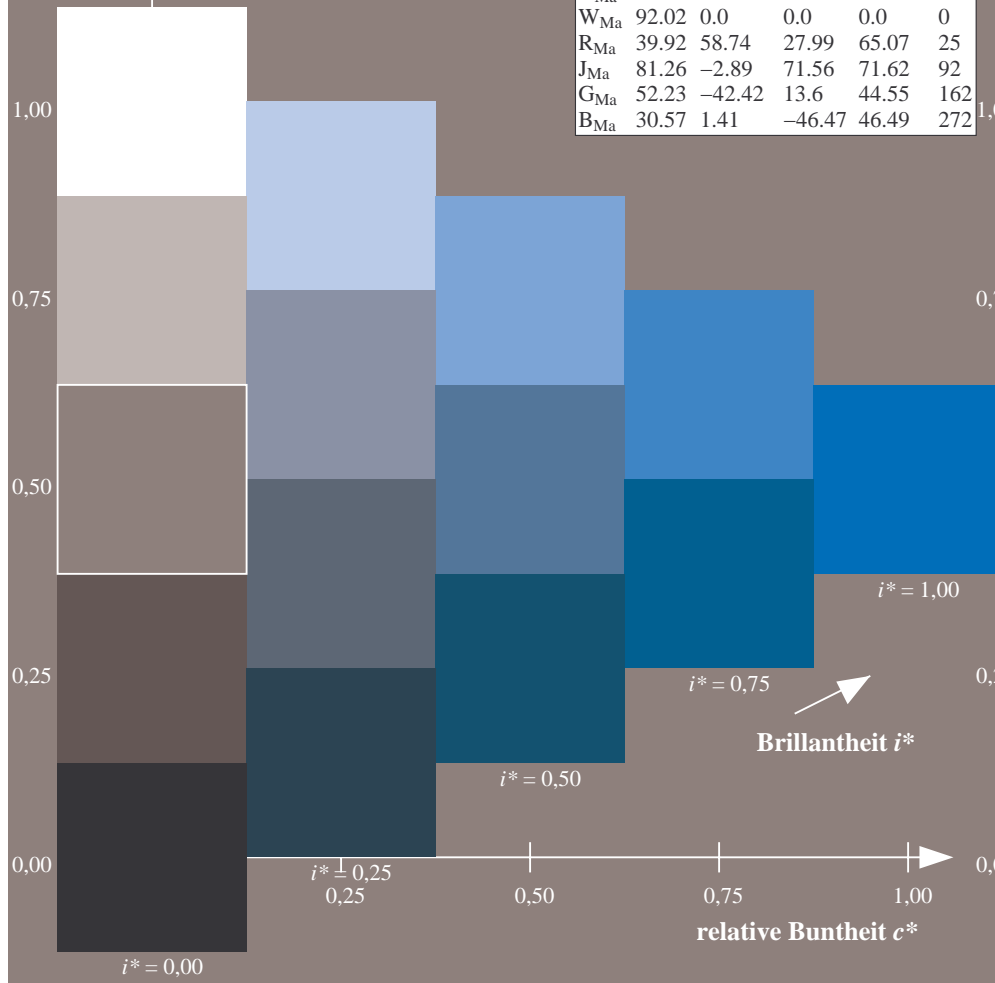
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$		
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		l03c		
g00b	47.59	-49.08	15.74	51.54	162		l23c		
g25b	49.97	-39.7	-6.72	40.27	190		l55c		
g50b	51.85	-32.33	-24.35	40.48	217		l87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

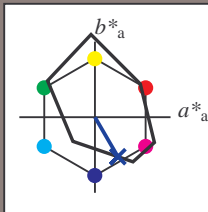
Bunttontexte:

$u_e^* = b25r$   $u_d^* = c87v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	35.06	60.0	44.0	74.4	36	
YMa	83.77	-5.17	109.32	109.44	93	
LMa	44.13	-62.67	48.24	79.09	142	
CMa	52.66	-29.14	-31.99	43.27	228	
VMa	14.15	50.3	-59.04	77.57	310	
MMa	37.37	78.64	-33.5	85.48	337	
NMa	8.58	0.0	0.0	0.0	0	
WMa	92.02	0.0	0.0	0.0	0	
RMa	39.92	58.74	27.99	65.07	25	
JMa	81.26	-2.89	71.56	71.62	92	
GMa	52.23	-42.42	13.6	44.55	162	
BMa	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 24 30 -52

$LAB^*LCH^*Ma$ : 24 60 300

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

$lab^*olv^*Ma$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

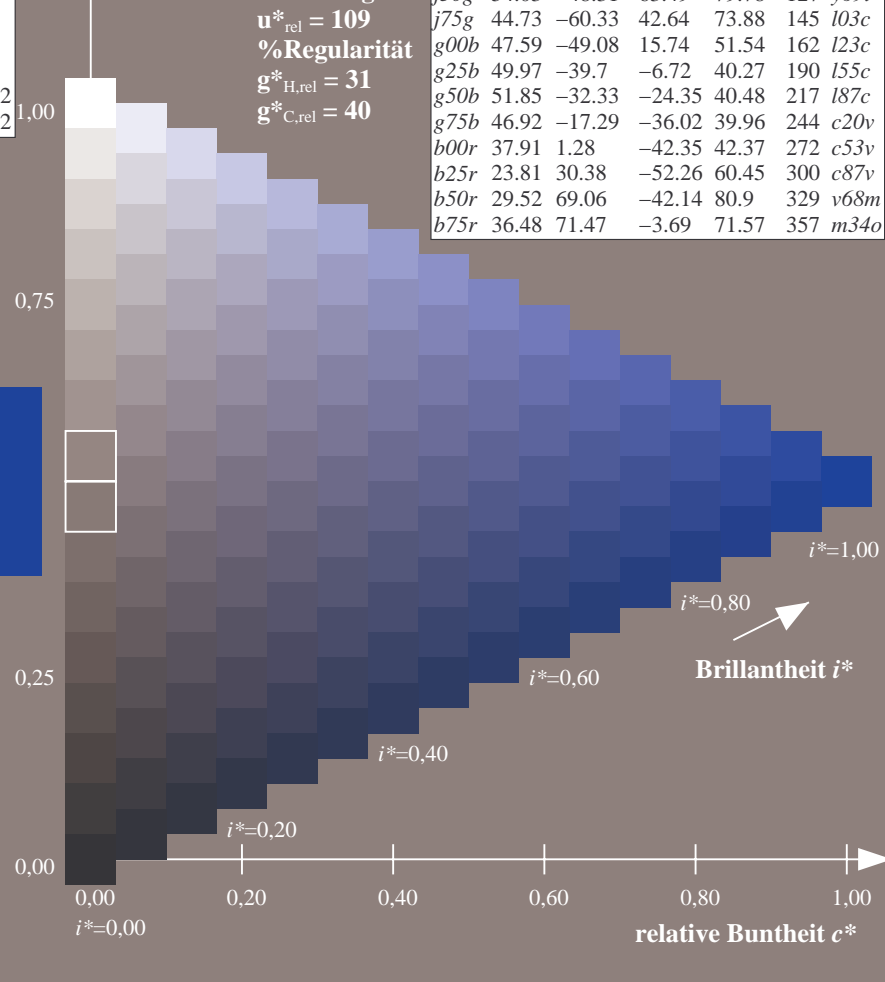
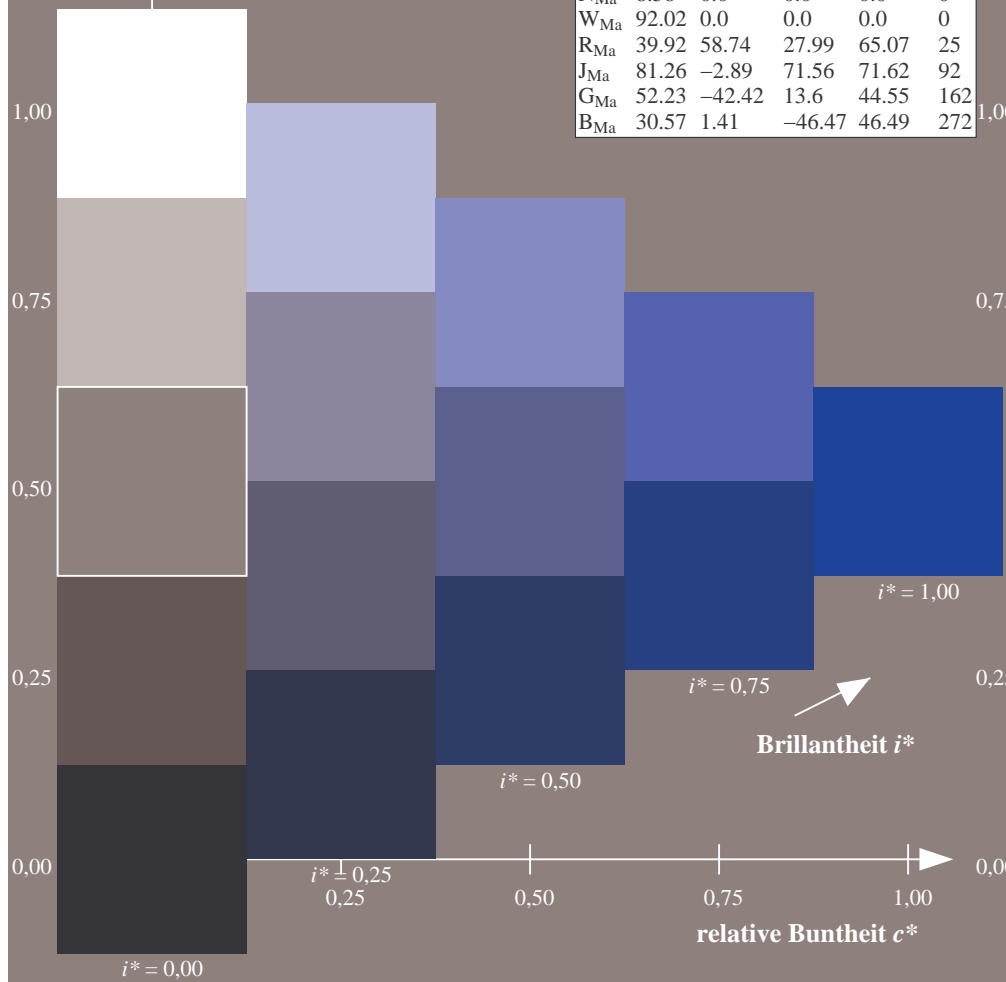
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_d^*$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

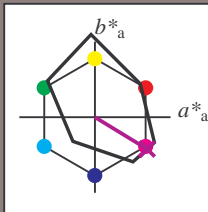
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 69 -42

$LAB^*LCH^*_{Ma}$ : 30 81 328

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

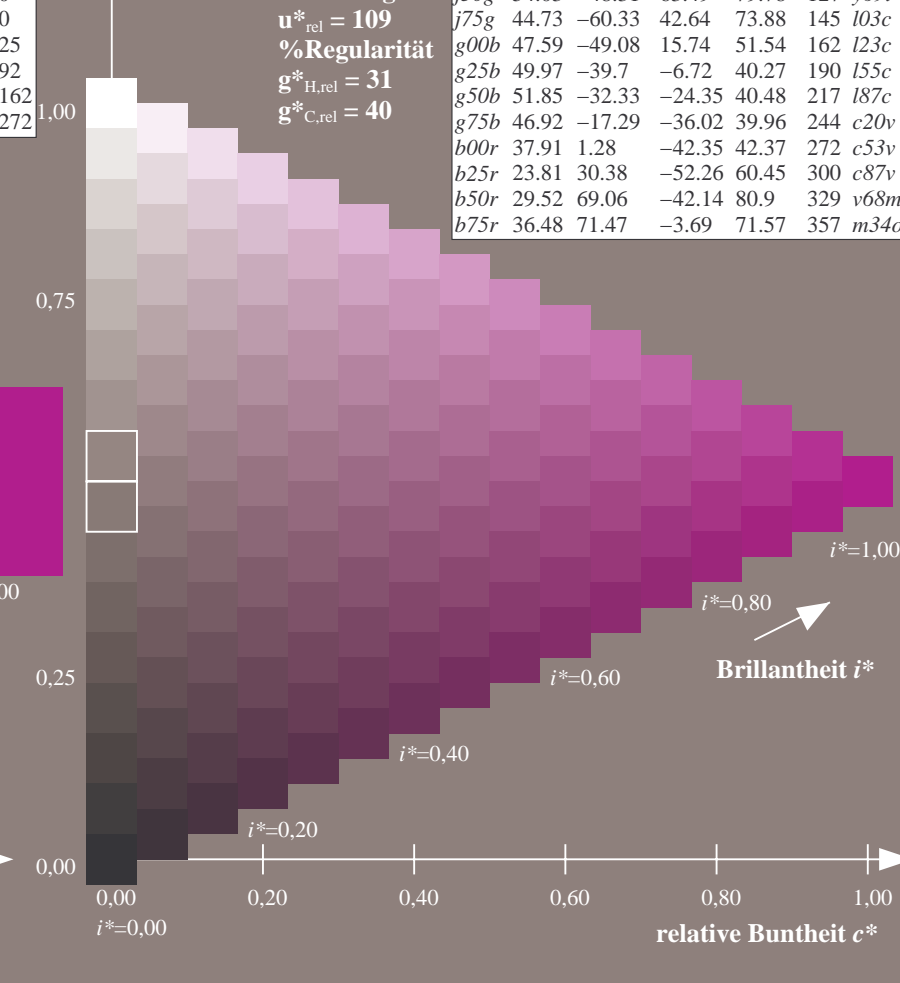
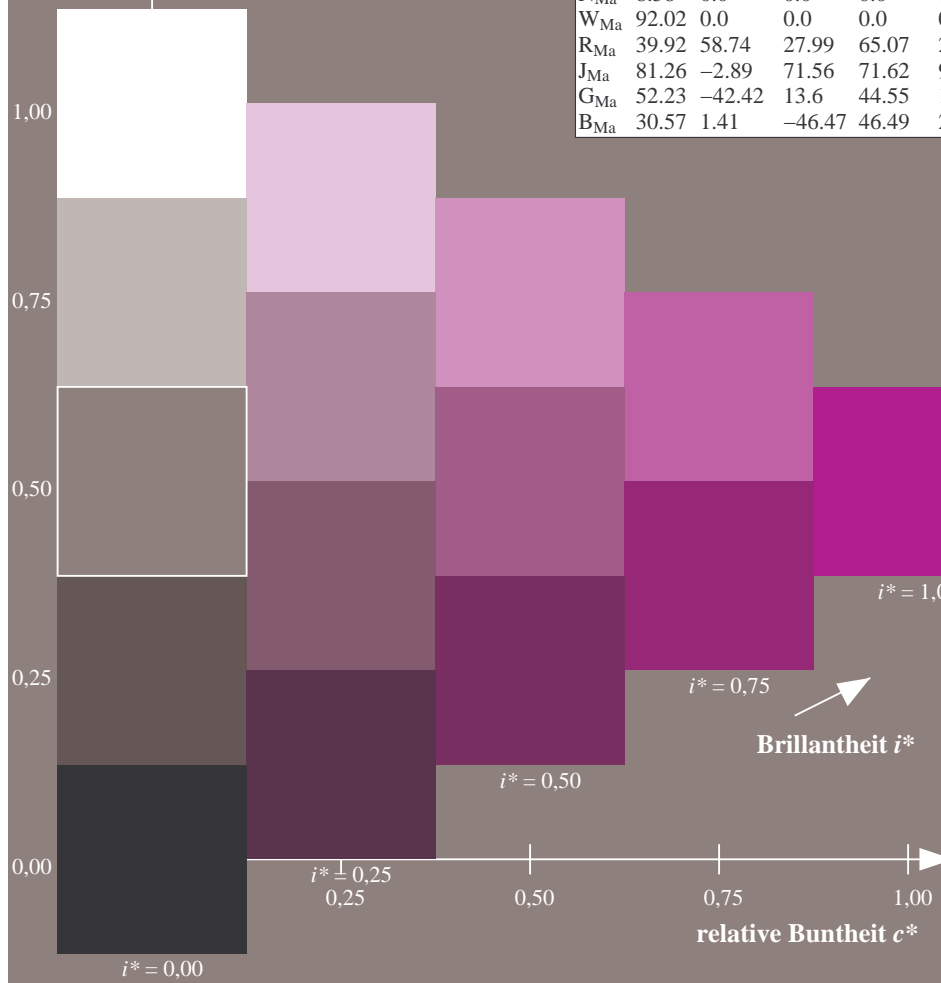
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$		
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		l03c		
g00b	47.59	-49.08	15.74	51.54	162		l23c		
g25b	49.97	-39.7	-6.72	40.27	190		l55c		
g50b	51.85	-32.33	-24.35	40.48	217		l87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		





Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

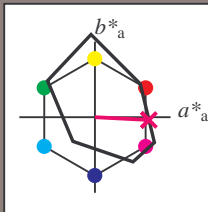
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m34o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 36 71 -4

$LAB^*LCH^*_{Ma}$ : 36 72 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

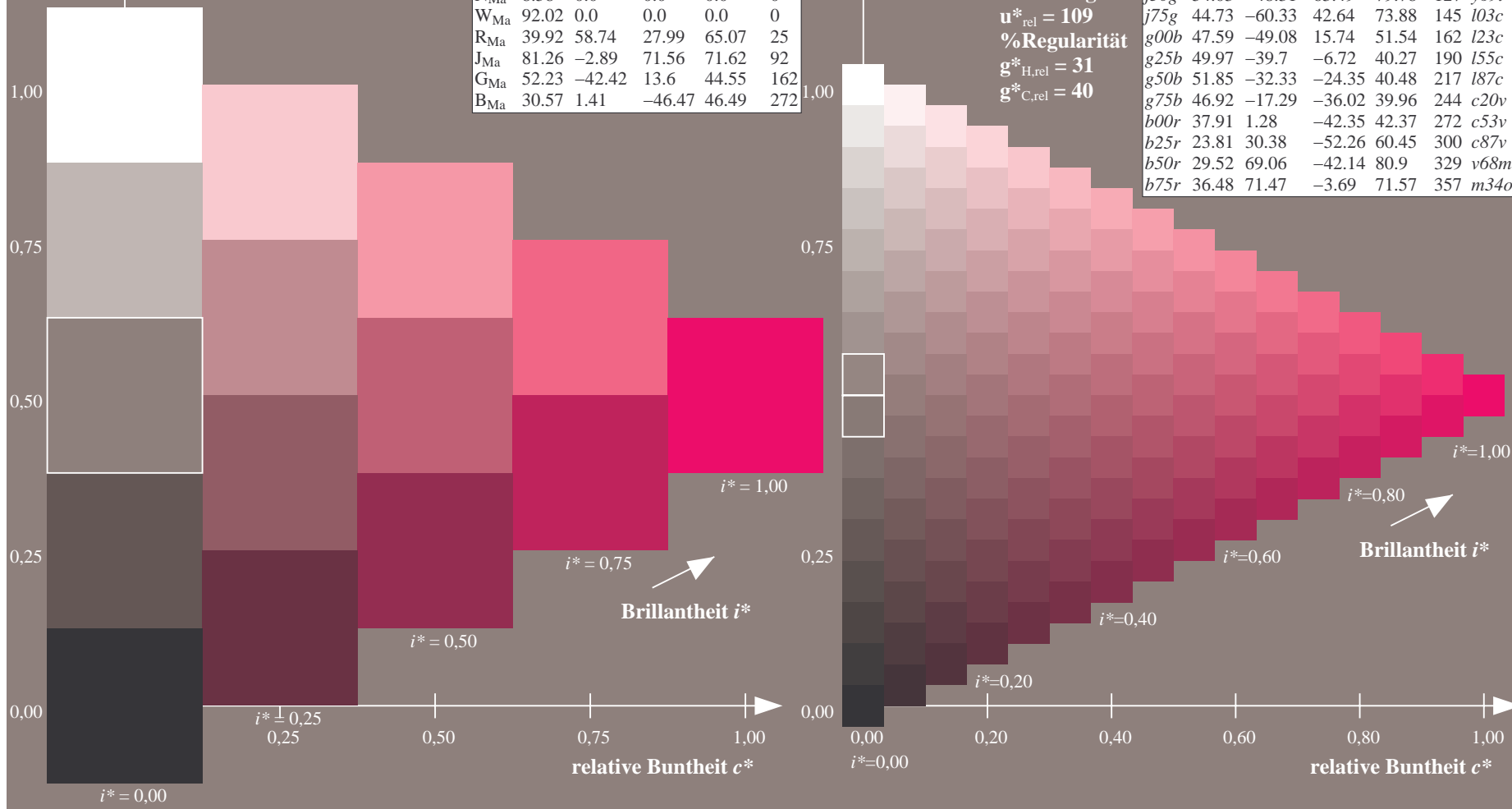
$u^*_{rel} = 109$

%Regularität

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

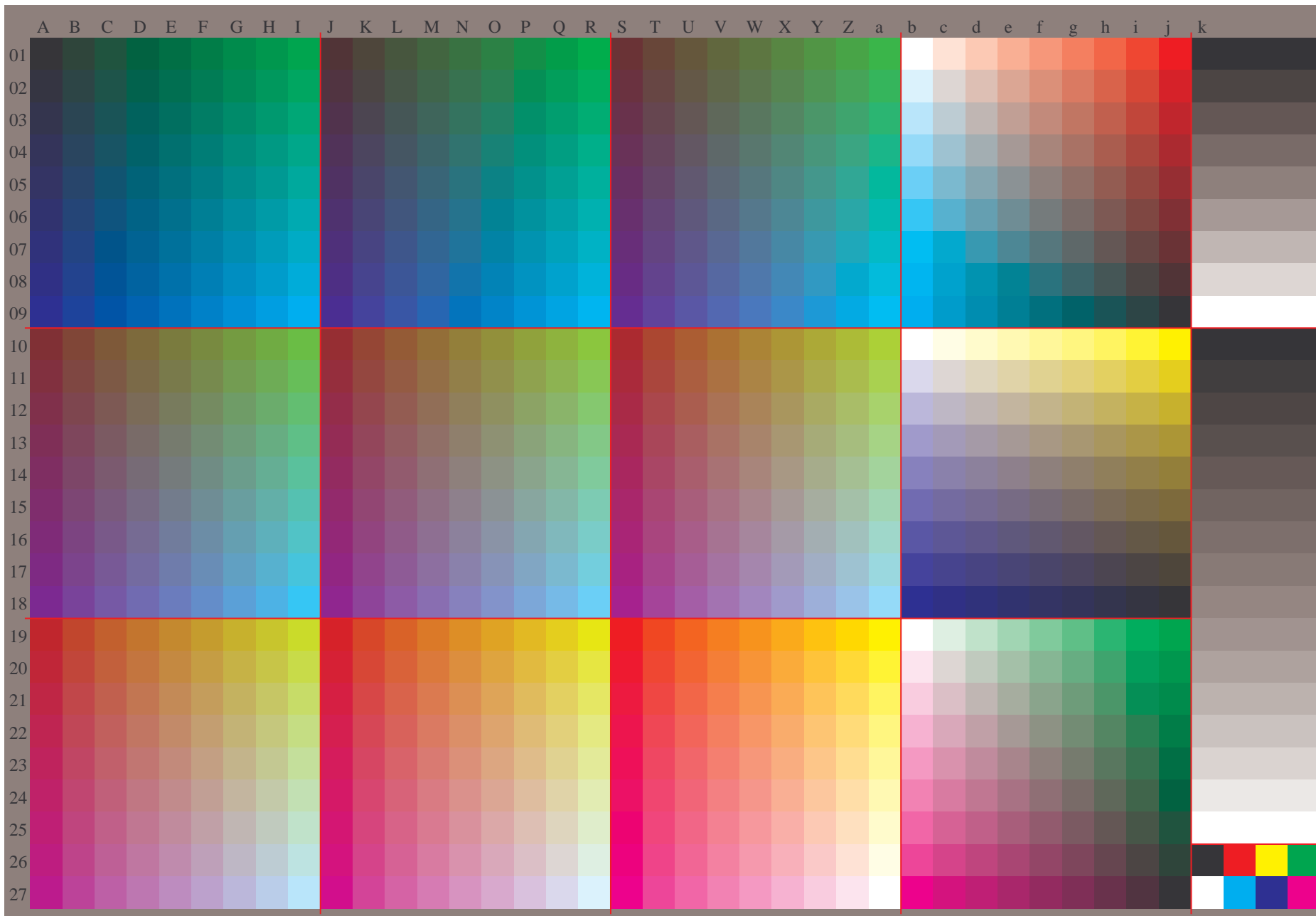
$g^*_{C,rel} = 40$

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$		
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		l03c		
g00b	47.59	-49.08	15.74	51.54	162		l23c		
g25b	49.97	-39.7	-6.72	40.27	190		l55c		
g50b	51.85	-32.33	-24.35	40.48	217		l87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg36/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, Col5px=0

BAM-Registrierung: 20081001-Eg36/10L/L36G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

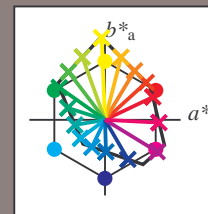


Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS09\_92a; adaptierte CIELAB-Daten

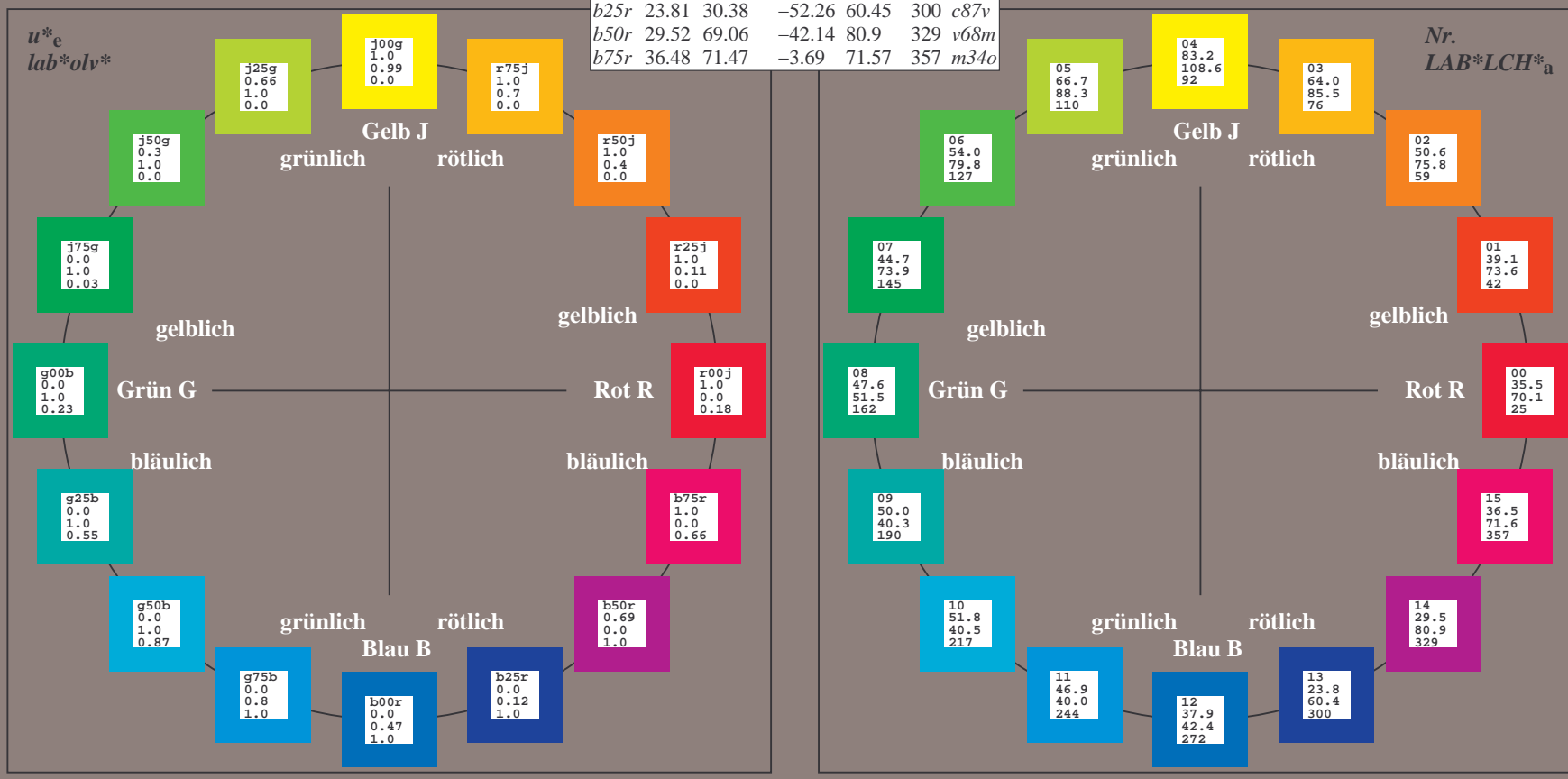
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



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

FRS09\_92a; adaptierte CIELAB-Daten

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



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

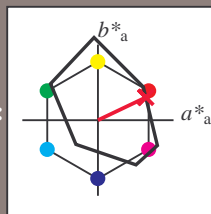
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 35 63 30

$LAB^*LCH^*_{Ma}$ : 35 70 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

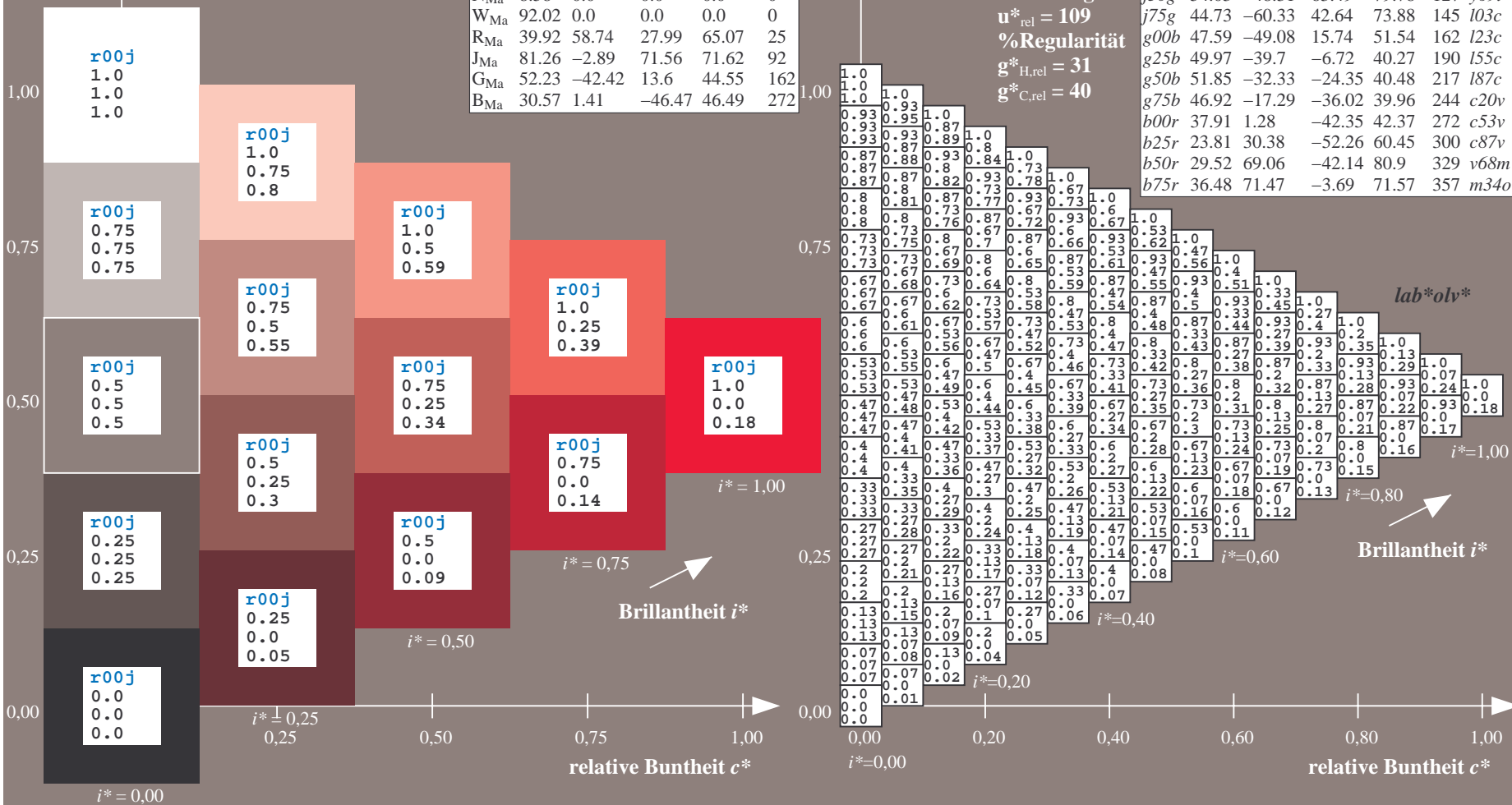
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

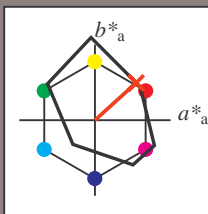
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 55 49

$LAB^*LCH^*_{Ma}$ : 39 74 42

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

$lab^*olv^*_{Ma}$ : 1.0 0.11 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

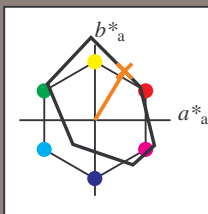
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 51 39 65

$LAB^*LCH^*_{Ma}$ : 51 76 58

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

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

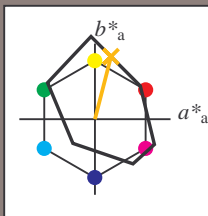
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 64 21 83

$LAB^*LCH^*_{Ma}$ : 64 86 75

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

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

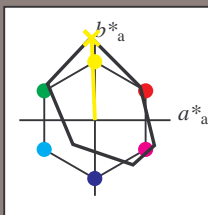
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -4 109

$LAB^*LCH^*_{Ma}$ : 83 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

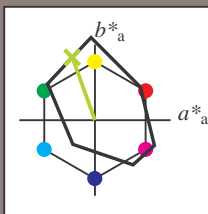
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -30 83

$LAB^*LCH^*_{Ma}$ : 67 88 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

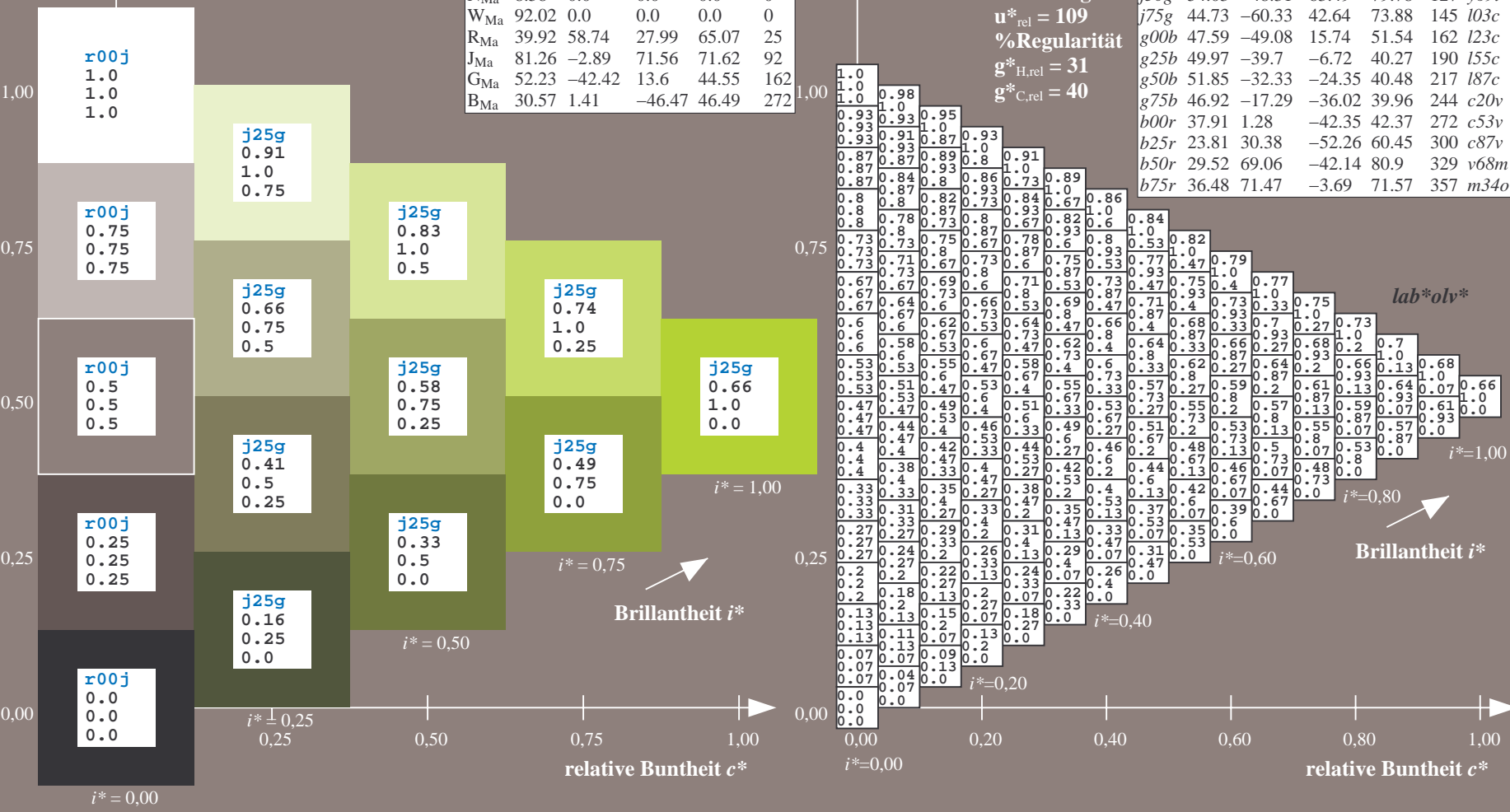
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

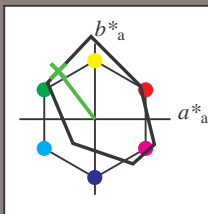
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -48 63

$LAB^*LCH^*_{Ma}$ : 54 80 127

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

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

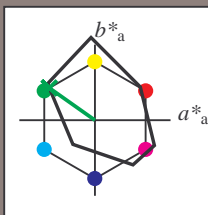
### Bunttexte:

$$u^*_e = j75g \quad u^*_d = l03c$$

**Kontrastreduzierungsfaktor:**

$$c_{\mathbf{R}} = 1.0$$

### K Dreiecks-Helligkeit $t^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

### Daten für Maximalfarbe (Ma):

*LAB\*LAB\**<sub>M</sub>: 45 -60 43

LAD\*LGII\* 45 54 144

**LAB\**LCH*\*<sub>Ma</sub>: 45 74 14**

**lab\*rgb\*Ma: 0.25 1.0 0.0**

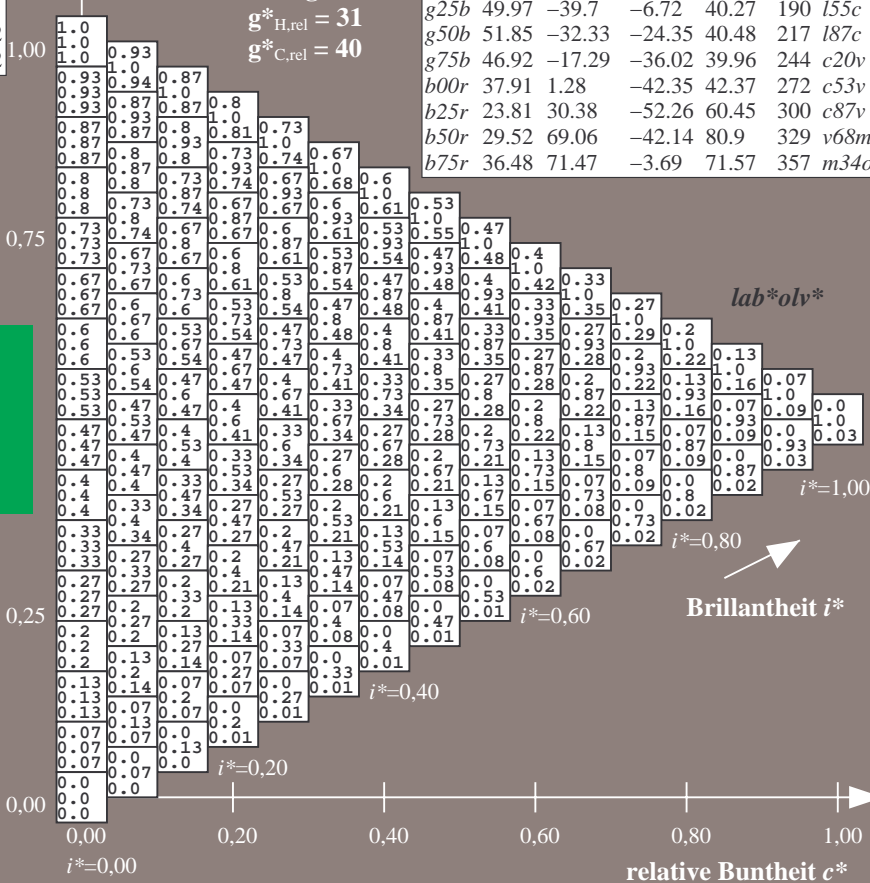
*lab\*olv\**Ma: 0.0 1.0 0.03

### Dreiecks-Helligkeit $t^*$

## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 109$$

%Regular

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


## Brillantheit i\*

0,80 1,0

### Relative Buntheit $c^*$

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BAM-Prüfvorlage Eg36: Farbmimetrik-Systeme. Seite 45/198

D65: Farbreihen, Datentabellen für 16 Bunttöne *r00j* bis *b75r*

Eingabe: *000n / w / nnn0 / www set...*

Ausgabe:  $\rightarrow cmv0^* setcmvcolor$

A horizontal line representing a chromosome with three colored bands: a cyan band labeled 'C', a magenta band labeled 'M', and a yellow band labeled 'Y'.

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Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

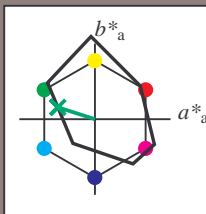
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -49 16

$LAB^*LCH^*_{Ma}$ : 48 52 162

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

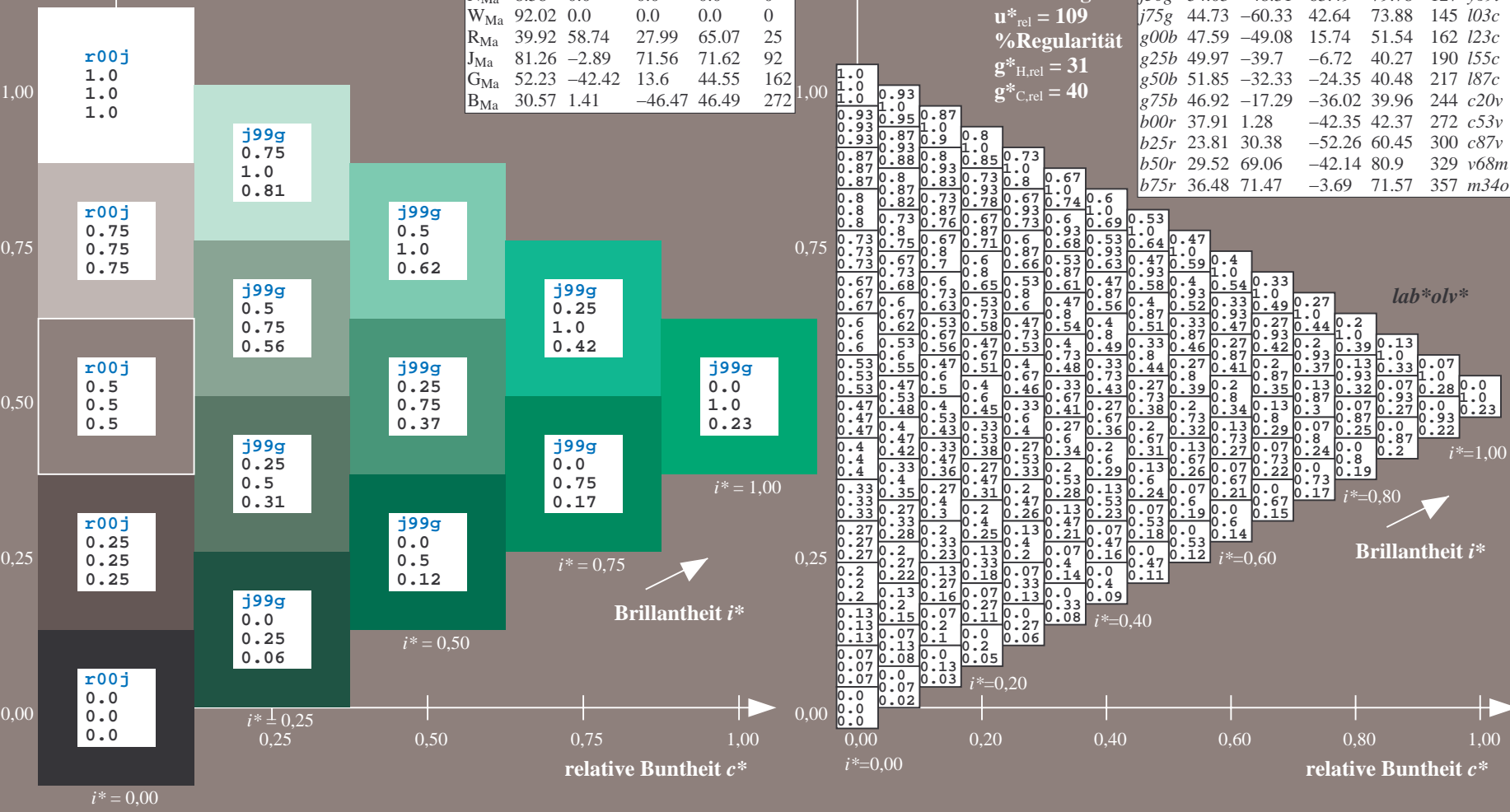
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

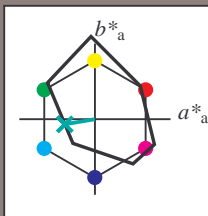
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -40 -7

$LAB^*LCH^*_{Ma}$ : 50 40 189

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

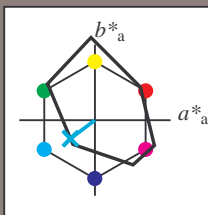
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -32 -24

$LAB^*LCH^*_{Ma}$ : 52 40 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.87

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

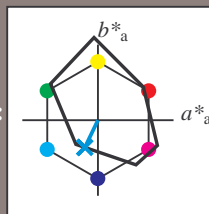
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -17 -36

$LAB^*LCH^*_{Ma}$ : 47 40 244

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

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

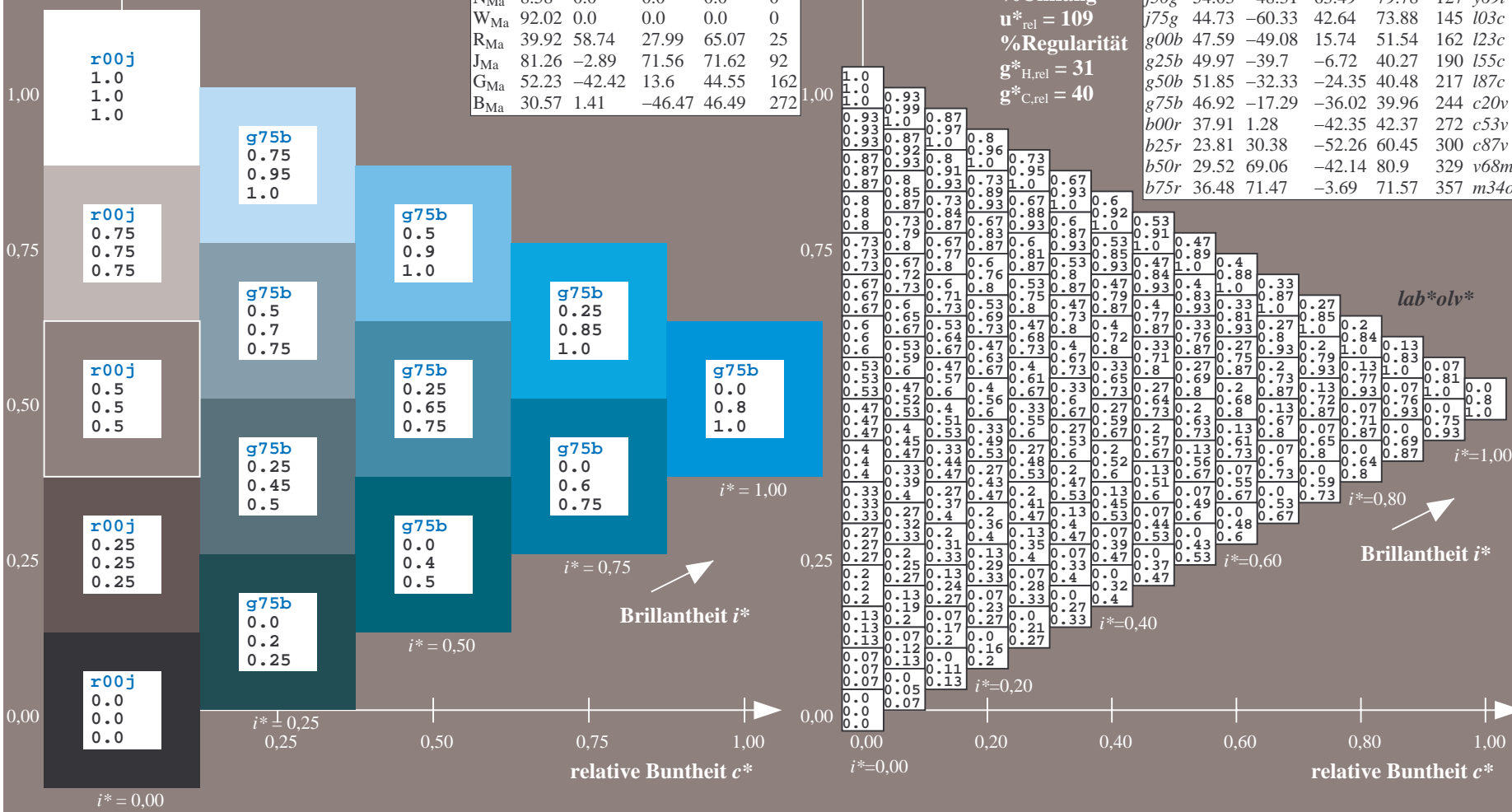
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$lab^*olv^*$	$u^*_d$	
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		i03c		
g00b	47.59	-49.08	15.74	51.54	162		i23c		
g25b	49.97	-39.7	-6.72	40.27	190		i55c		
g50b	51.85	-32.33	-24.35	40.48	217		i87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

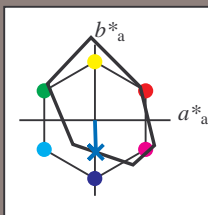
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 1 -42

$LAB^*LCH^*_{Ma}$ : 38 42 271

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

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

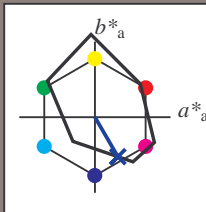
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 24 30 -52

$LAB^*LCH^*_{Ma}$ : 24 60 300

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

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

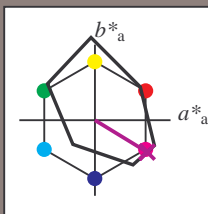
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 69 -42

$LAB^*LCH^*_{Ma}$ : 30 81 328

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

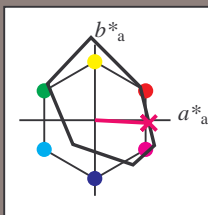
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m34o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 36 71 -4

$LAB^*LCH^*_{Ma}$ : 36 72 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

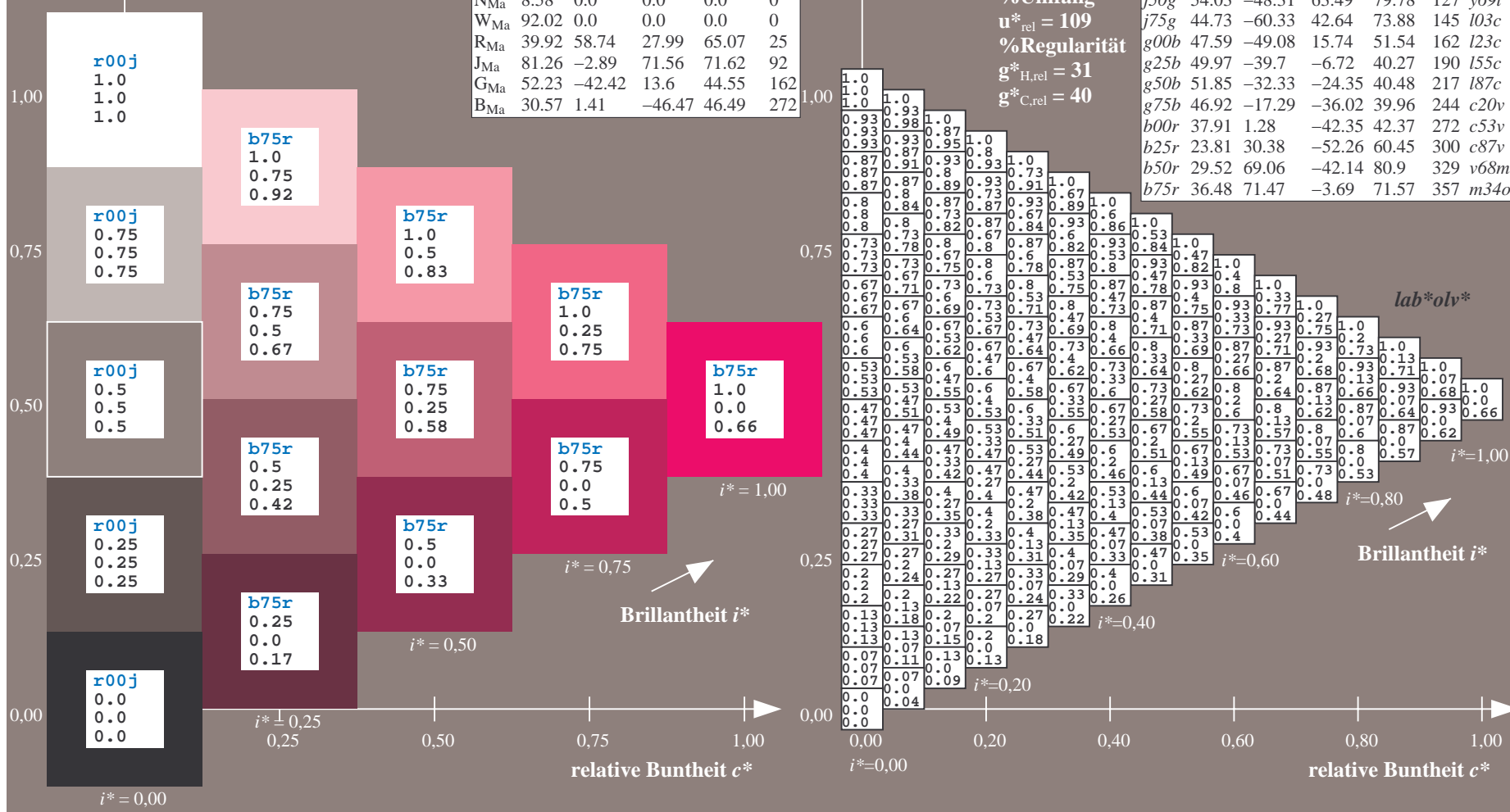
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$		
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		i03c		
g00b	47.59	-49.08	15.74	51.54	162		i23c		
g25b	49.97	-39.7	-6.72	40.27	190		i55c		
g50b	51.85	-32.33	-24.35	40.48	217		i87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg36/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSp=0

	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*oly*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25</

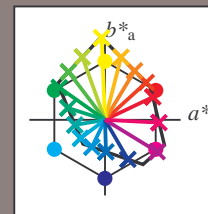
BAM-Registrierung: 20081001-Eg36/10L/L36G00NA.PS/.TXT BAM-Material: Code=rh4ta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS09\_92a; adaptierte CIELAB-Daten

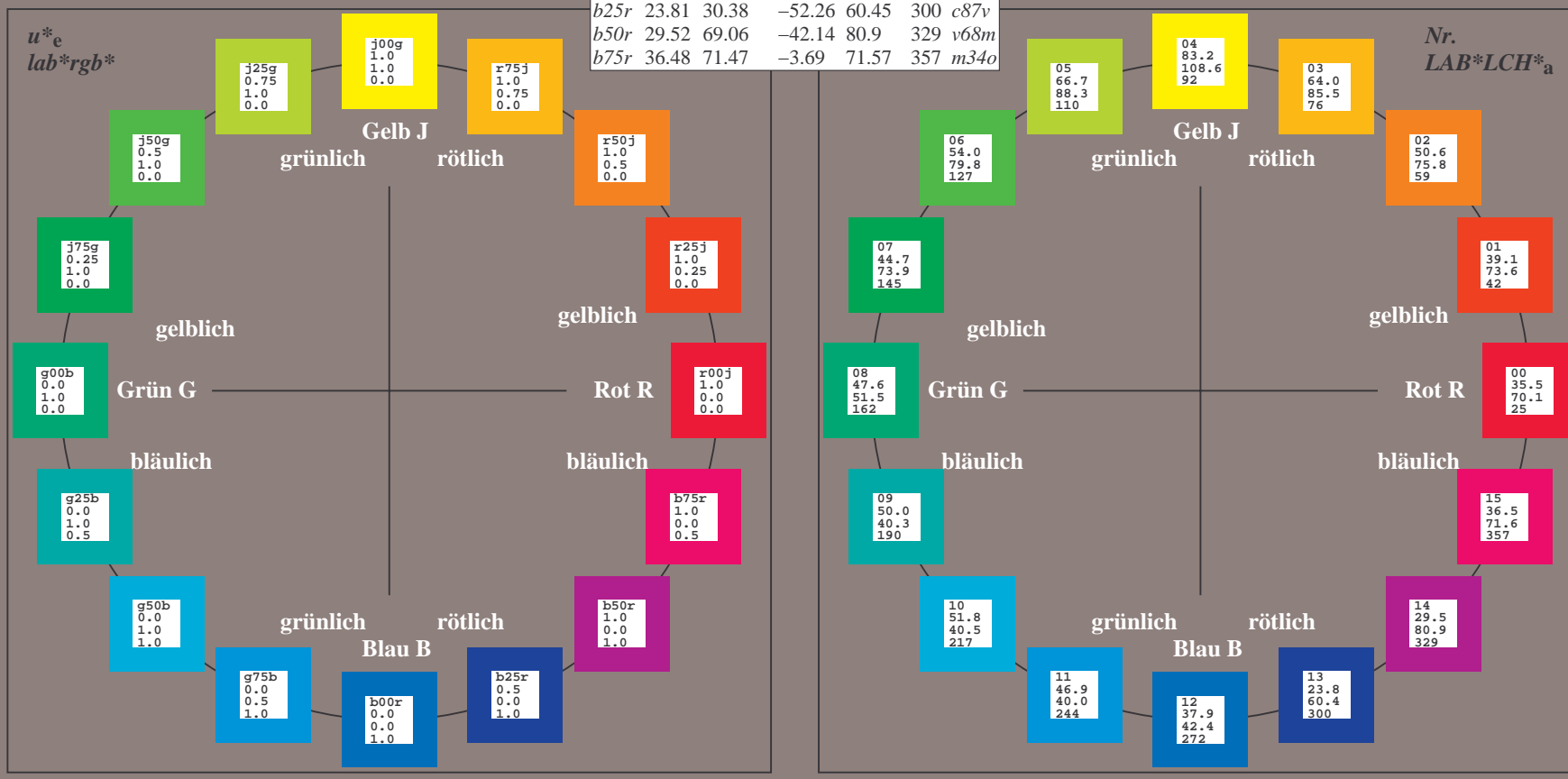
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



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

FRS09\_92a; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	92
J <sub>CIE</sub>	81.26	-2.89	71.56	71.62	25
G <sub>CIE</sub>	52.23	-42.42	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

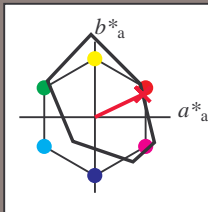
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 35 63 30

$LAB^*LCH^*_{Ma}$ : 35 70 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

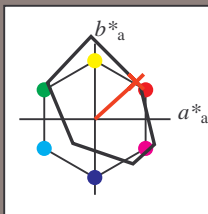
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 55 49

$LAB^*LCH^*_{Ma}$ : 39 74 42

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

$lab^*olv^*_{Ma}$ : 1.0 0.11 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

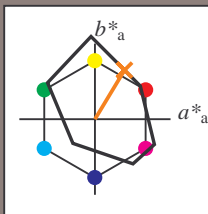
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 51 39 65

$LAB^*LCH^*_{Ma}$ : 51 76 58

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

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

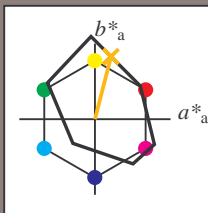
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 64 21 83

$LAB^*LCH^*_{Ma}$ : 64 86 75

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

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

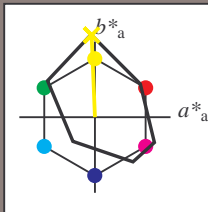
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -4 109

$LAB^*LCH^*_{Ma}$ : 83 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

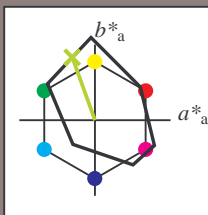
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -30 83

$LAB^*LCH^*_{Ma}$ : 67 88 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

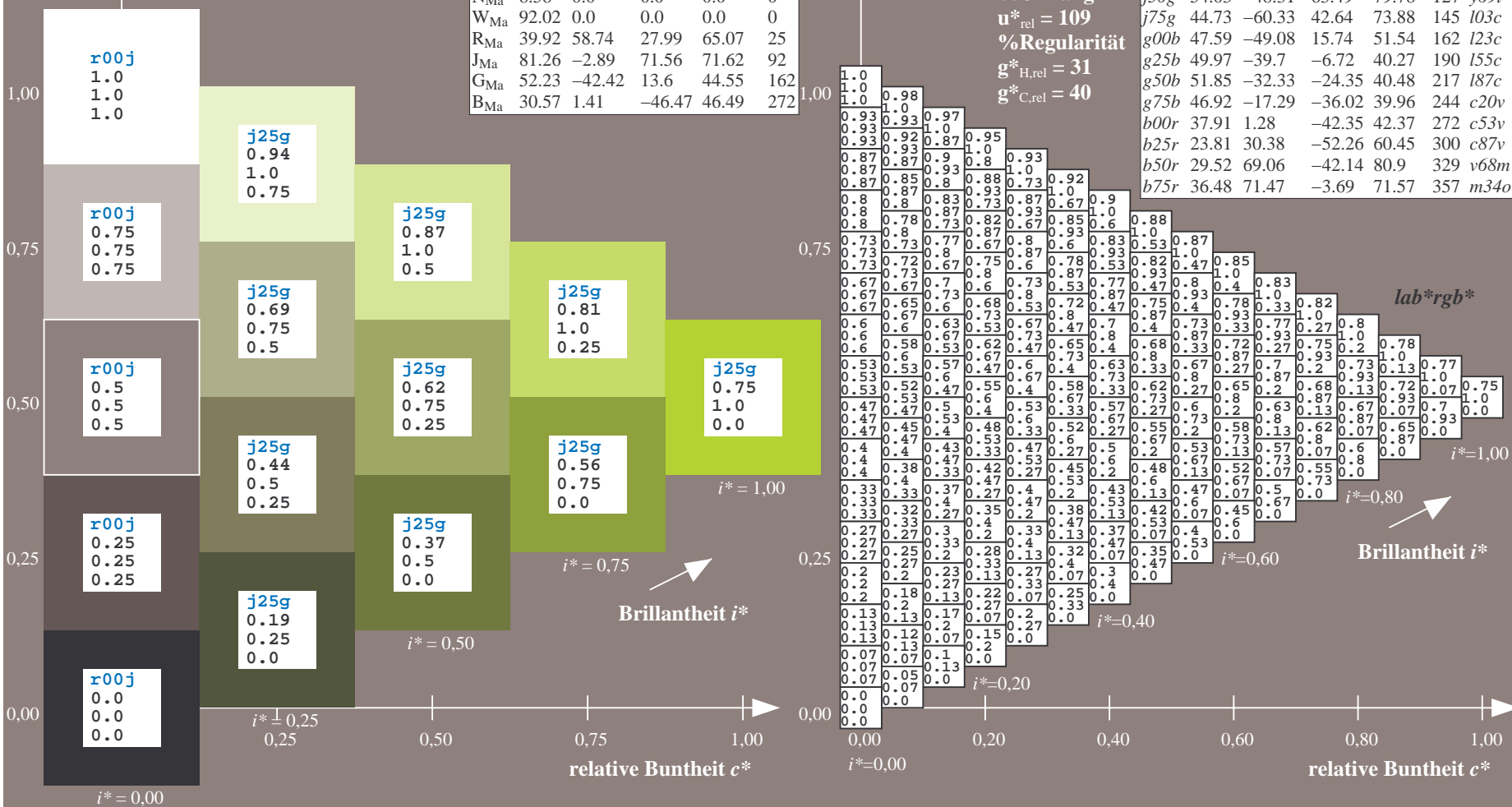
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	$u^*_e$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		i03c		
g00b	47.59	-49.08	15.74	51.54	162		i23c		
g25b	49.97	-39.7	-6.72	40.27	190		i55c		
g50b	51.85	-32.33	-24.35	40.48	217		i87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

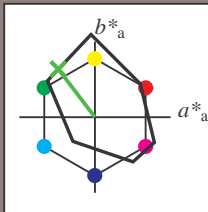
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -48 63

$LAB^*LCH^*_{Ma}$ : 54 80 127

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

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

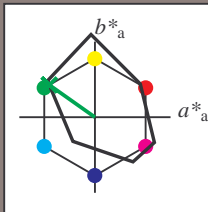
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 45 -60 43

$LAB^*LCH^*_{Ma}$ : 45 74 144

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

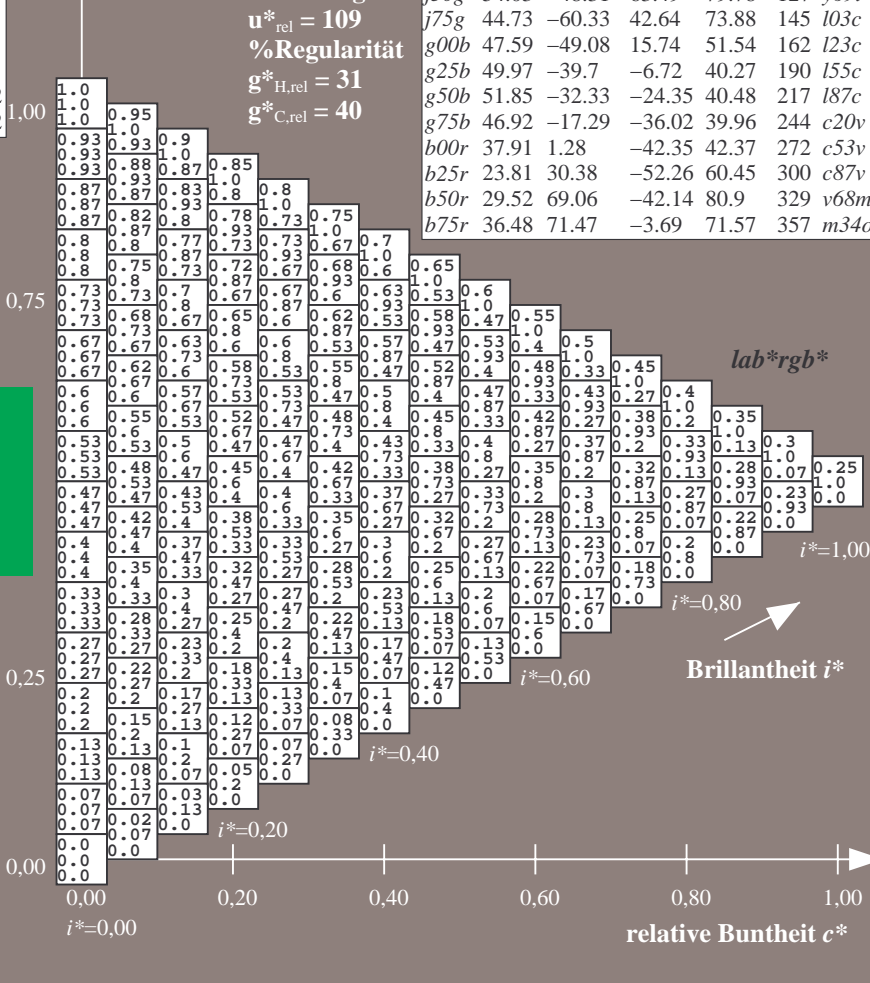
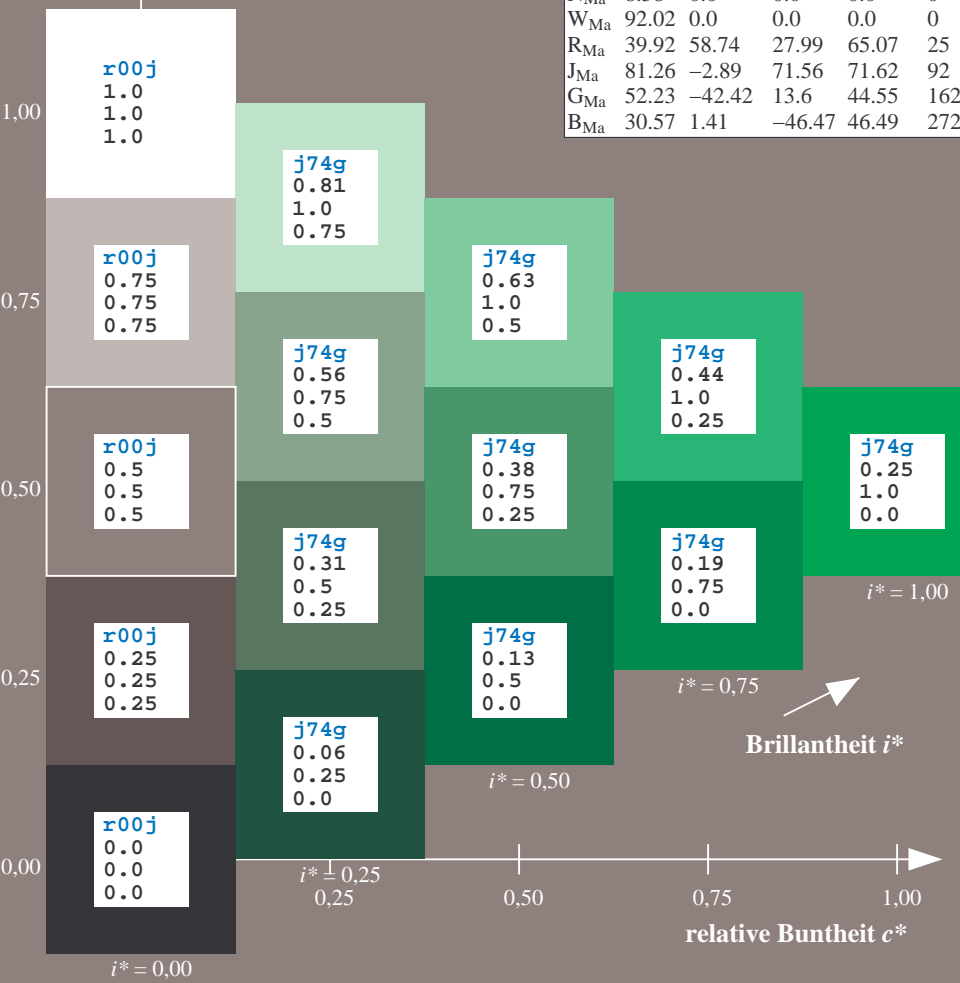
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$		
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		i03c		
g00b	47.59	-49.08	15.74	51.54	162		i23c		
g25b	49.97	-39.7	-6.72	40.27	190		i55c		
g50b	51.85	-32.33	-24.35	40.48	217		i87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

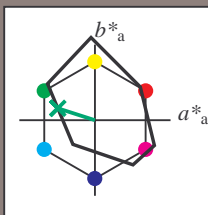
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -49 16

$LAB^*LCH^*_{Ma}$ : 48 52 162

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

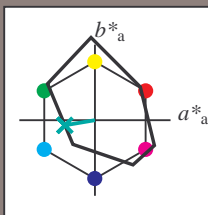
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -40 -7

$LAB^*LCH^*_{Ma}$ : 50 40 189

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

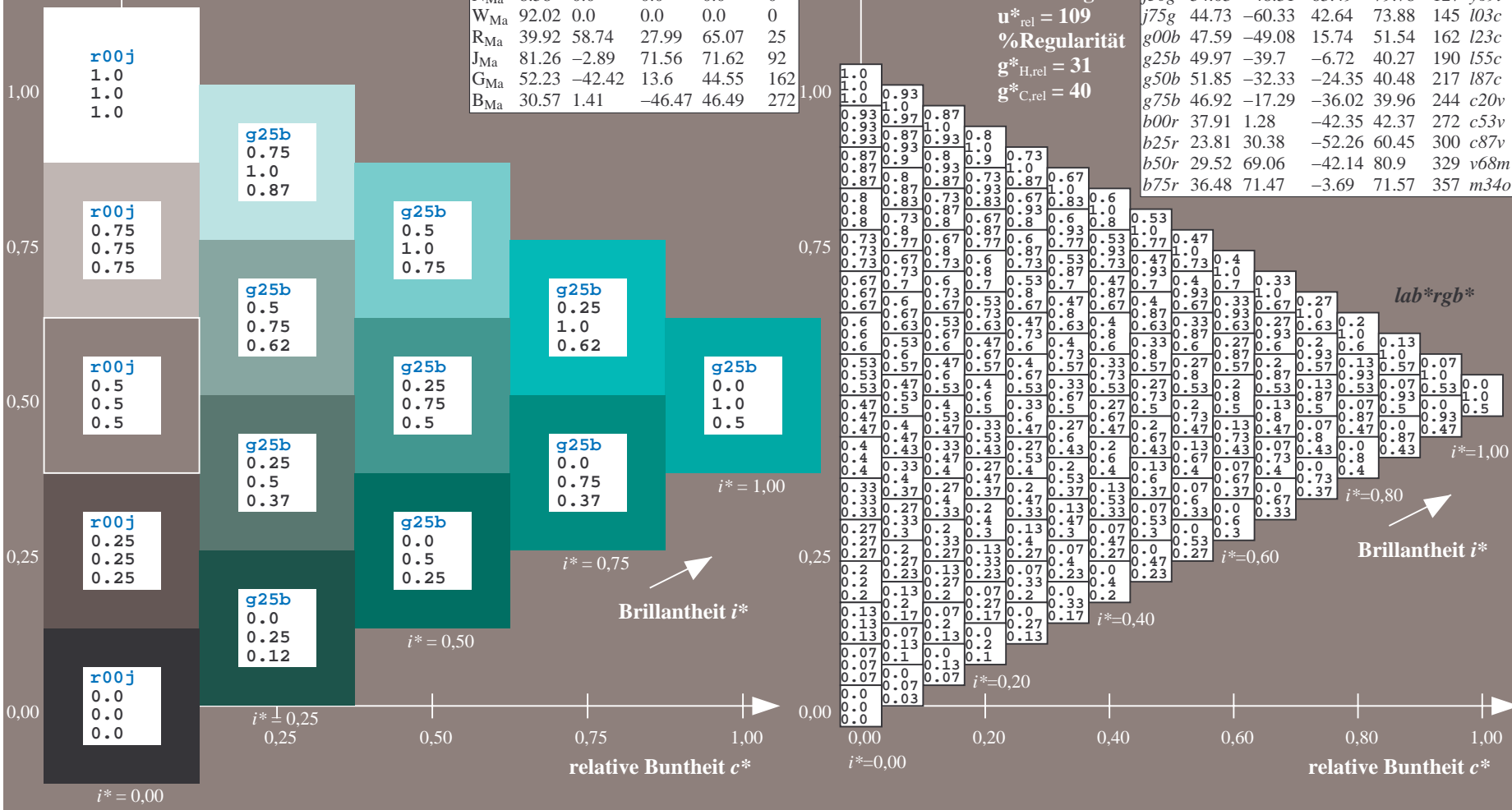
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$lab^*_{ab,a}$	$u^*_d$	
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		l03c		
g00b	47.59	-49.08	15.74	51.54	162		l23c		
g25b	49.97	-39.7	-6.72	40.27	190		l55c		
g50b	51.85	-32.33	-24.35	40.48	217		l87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

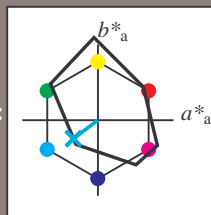
### Bunttexte:

$$u^*_e = g50b \quad u^*_d = l87c$$

**Kontrastreduzierungsfaktor:**

$$c_{\mathbf{R}} = 1.0$$

### K Dreiecks-Helligkeit $t^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

### Daten für Maximalfarbe (Ma):

*LAB\*LAB\**M<sub>a</sub>: 52 -32 -24

**LAB\*LCH\*Ma: 52 40 216**

*lab\*rgb\**<sub>Ma</sub>: 0.0 1.0 1.0

*lab\*rgb*Ma: 0.0 1.0 1.0

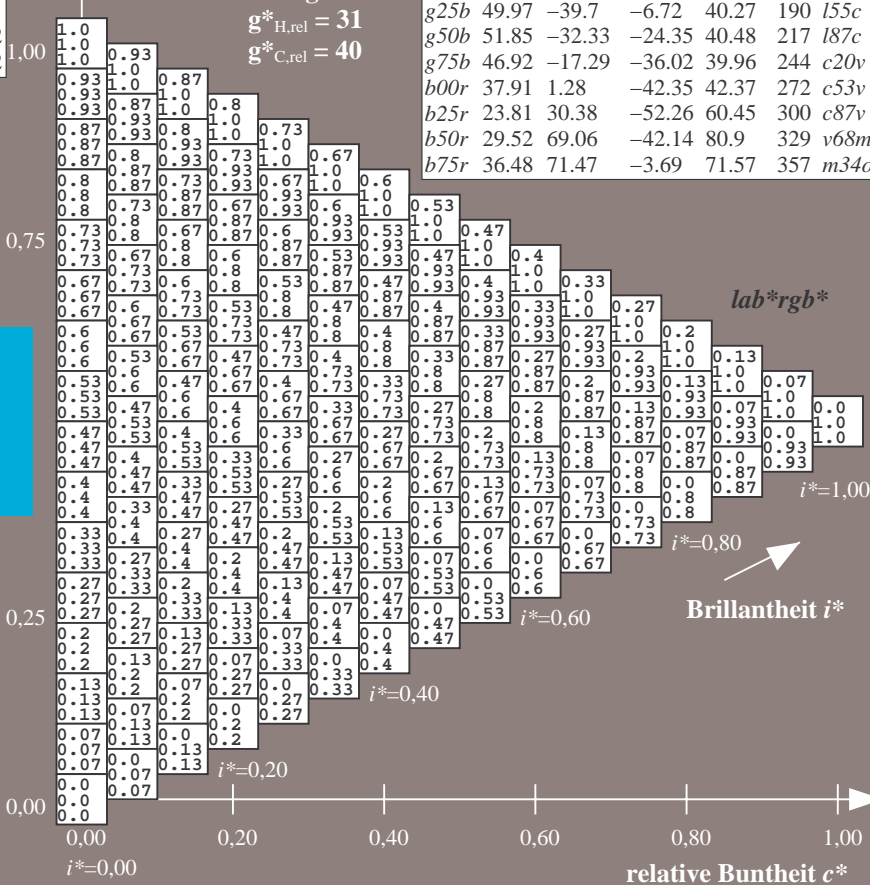
*lab\*olv\**Ma: 0.0 1.0 0.87

### Dreiecks-Helligkeit $t^*$

## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 109$$

**%Regular**

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


**Brillantheit *i*\***

relative Buntheit  $c^*$ relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

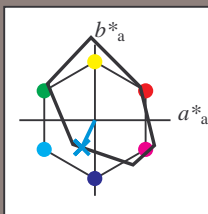
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -17 -36

$LAB^*LCH^*_{Ma}$ : 47 40 244

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

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

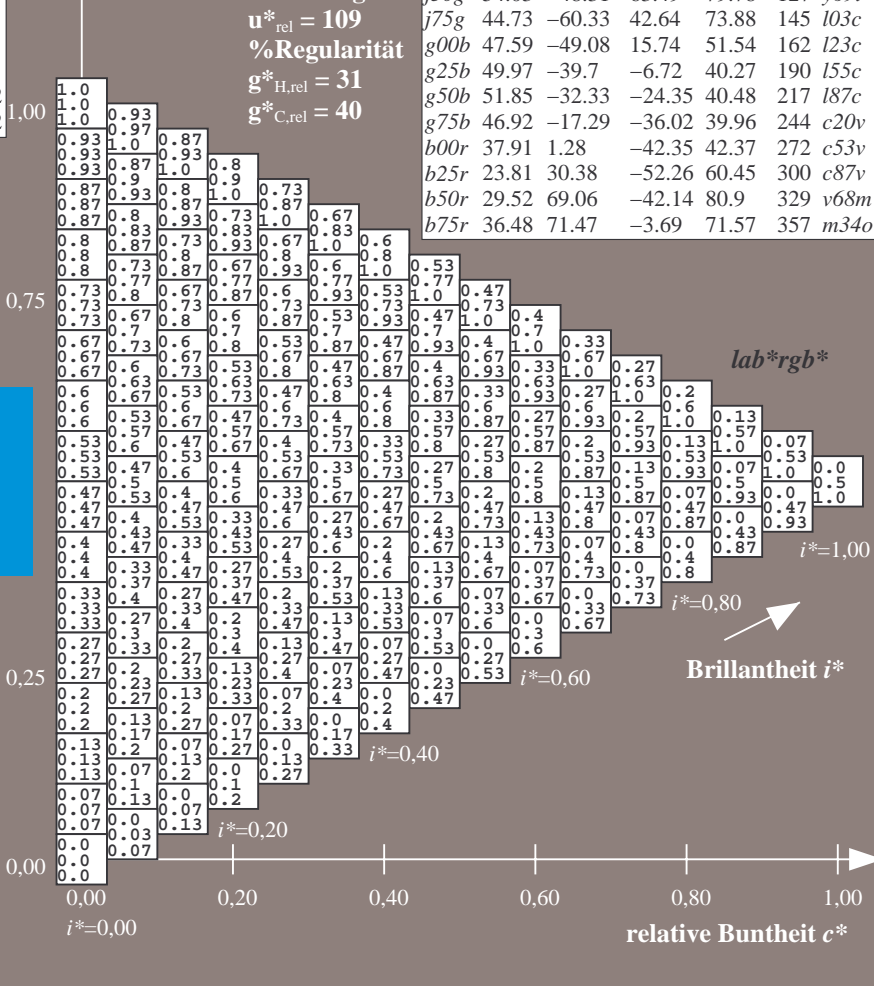
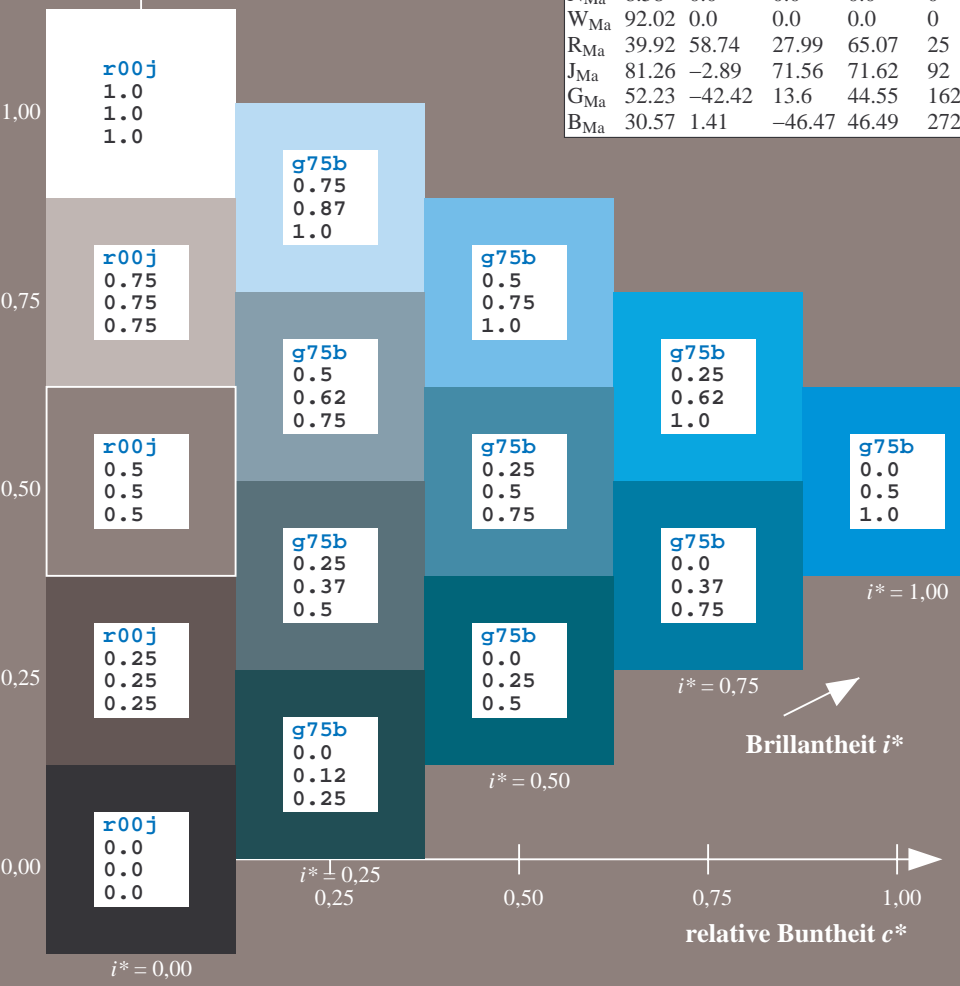
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

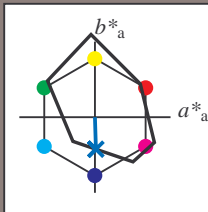
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 1 -42

$LAB^*LCH^*_{Ma}$ : 38 42 271

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

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

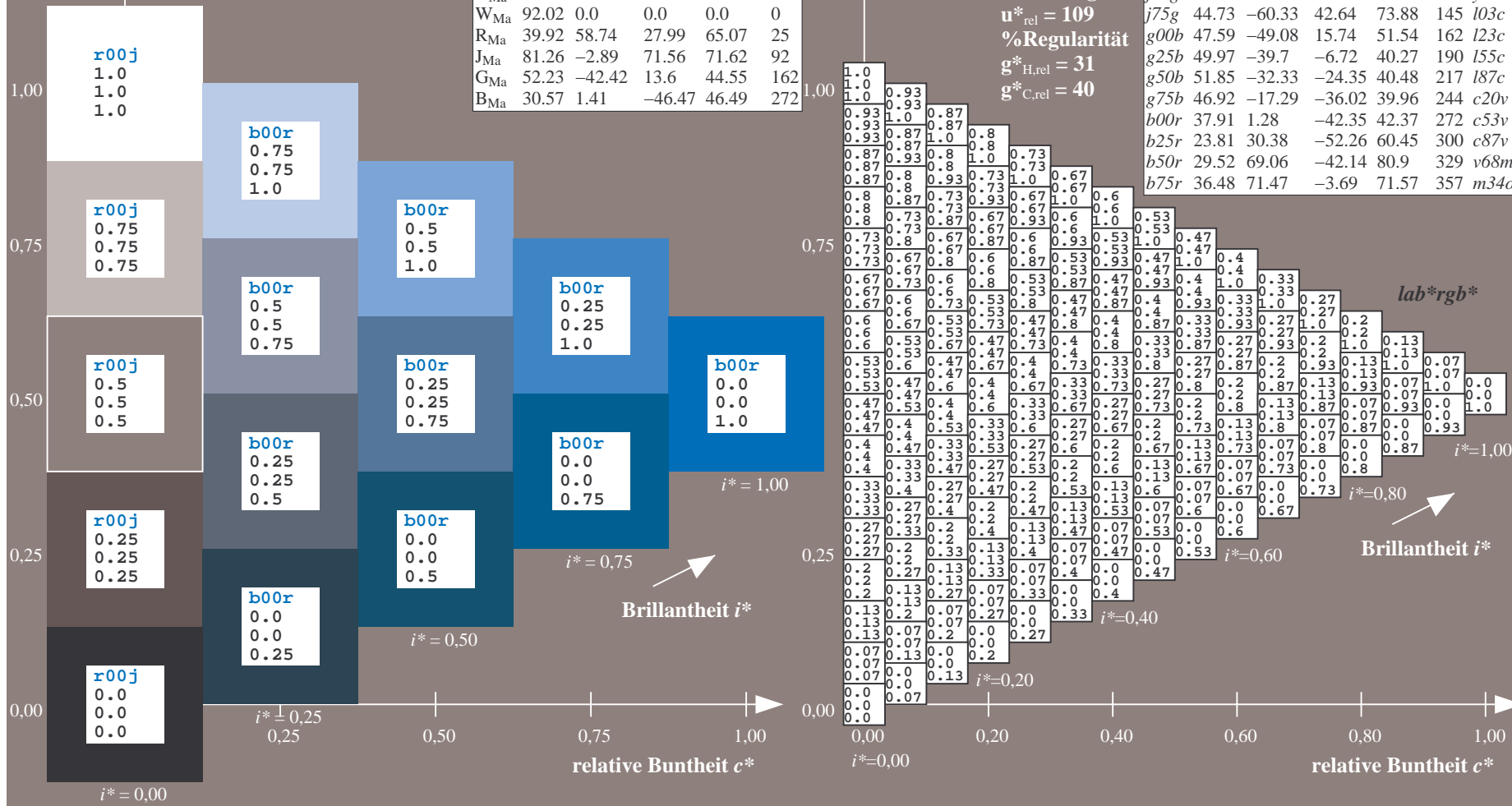
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

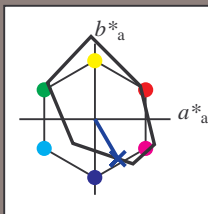
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 24 30 -52

$LAB^*LCH^*_{Ma}$ : 24 60 300

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

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

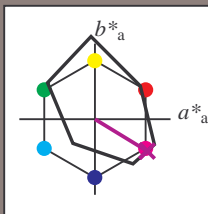
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 69 -42

$LAB^*LCH^*_{Ma}$ : 30 81 328

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

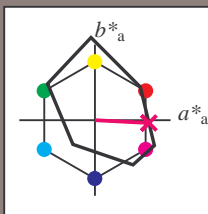
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m34o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 36 71 -4

$LAB^*LCH^*_{Ma}$ : 36 72 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

relative Bunttheit  $c^*$

A target with concentric circles and a vertical line. The vertical line is labeled -8 and -6.

A horizontal line representing a linear chromosome. It is divided into four segments: a red segment on the left, a black segment, a green segment labeled 'L', and a blue segment labeled 'V' on the right.

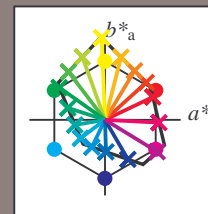


Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS09\_92a; adaptierte CIELAB-Daten

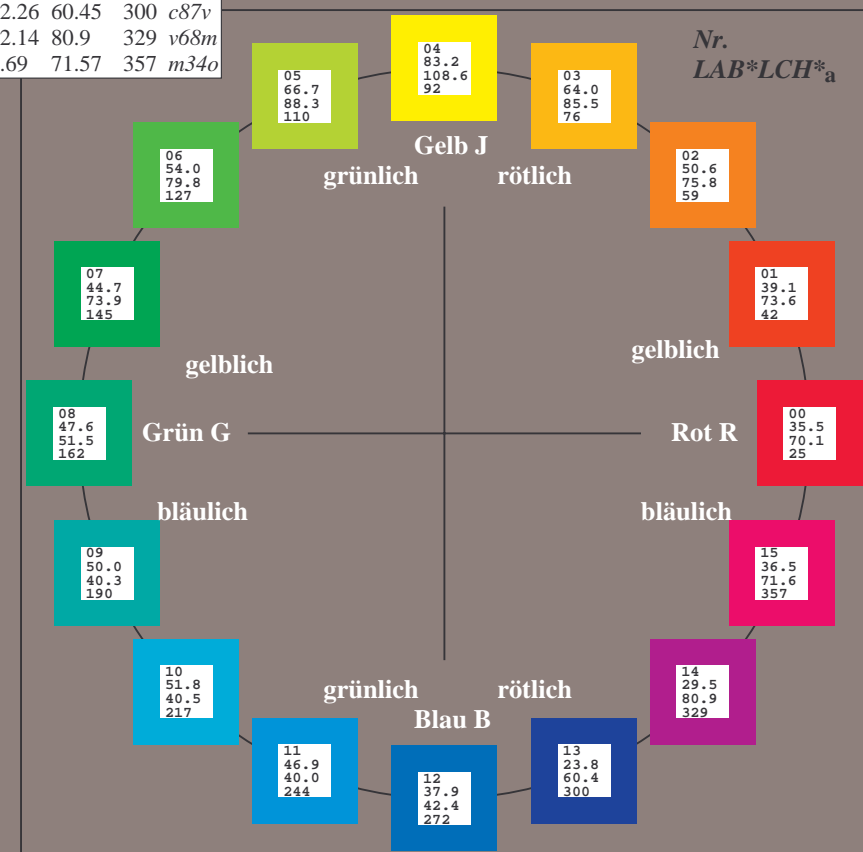
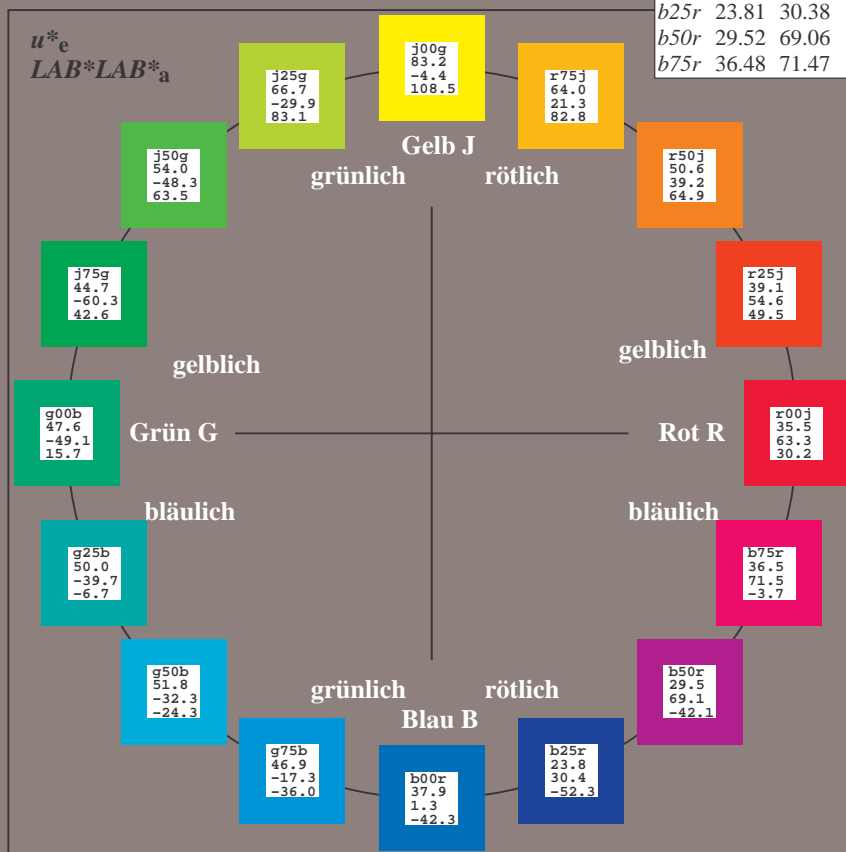
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



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

FRS09\_92a; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	92
J <sub>CIE</sub>	81.26	-2.89	71.56	71.62	25
G <sub>CIE</sub>	52.23	-42.42	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.47	46.49	272





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

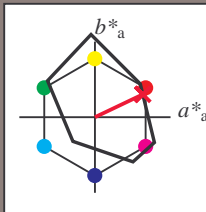
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 35 63 30

$LAB^*LCH^*_{Ma}$ : 35 70 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = r00j$   
 $LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

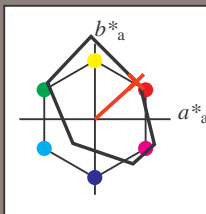
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 55 49

$LAB^*LCH^*_{Ma}$ : 39 74 42

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

$lab^*olv^*_{Ma}$ : 1.0 0.11 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

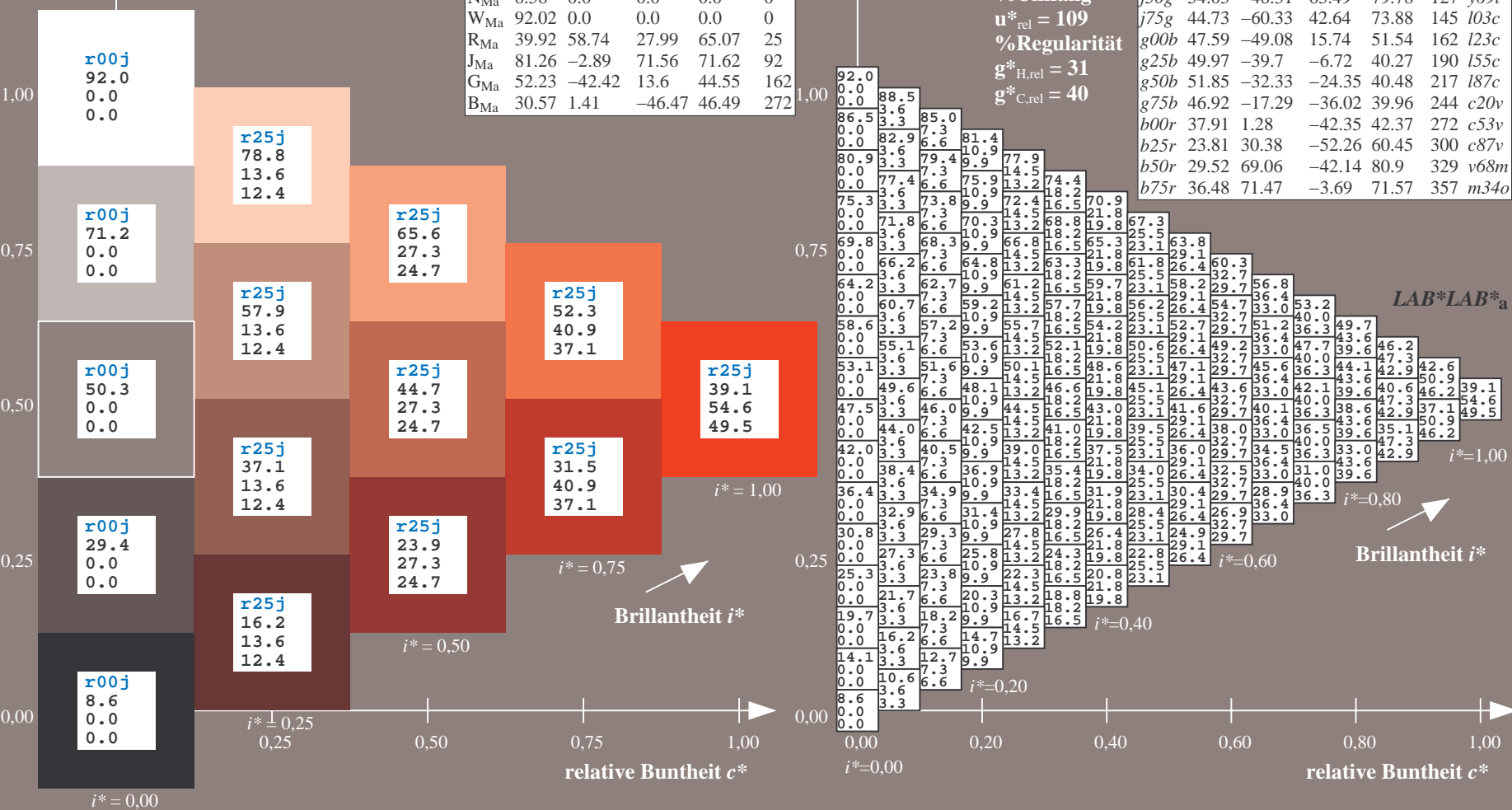
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

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



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

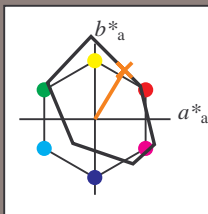
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
W <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
N <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 51 39 65

$LAB^*LCH^*_{Ma}$ : 51 76 58

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

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

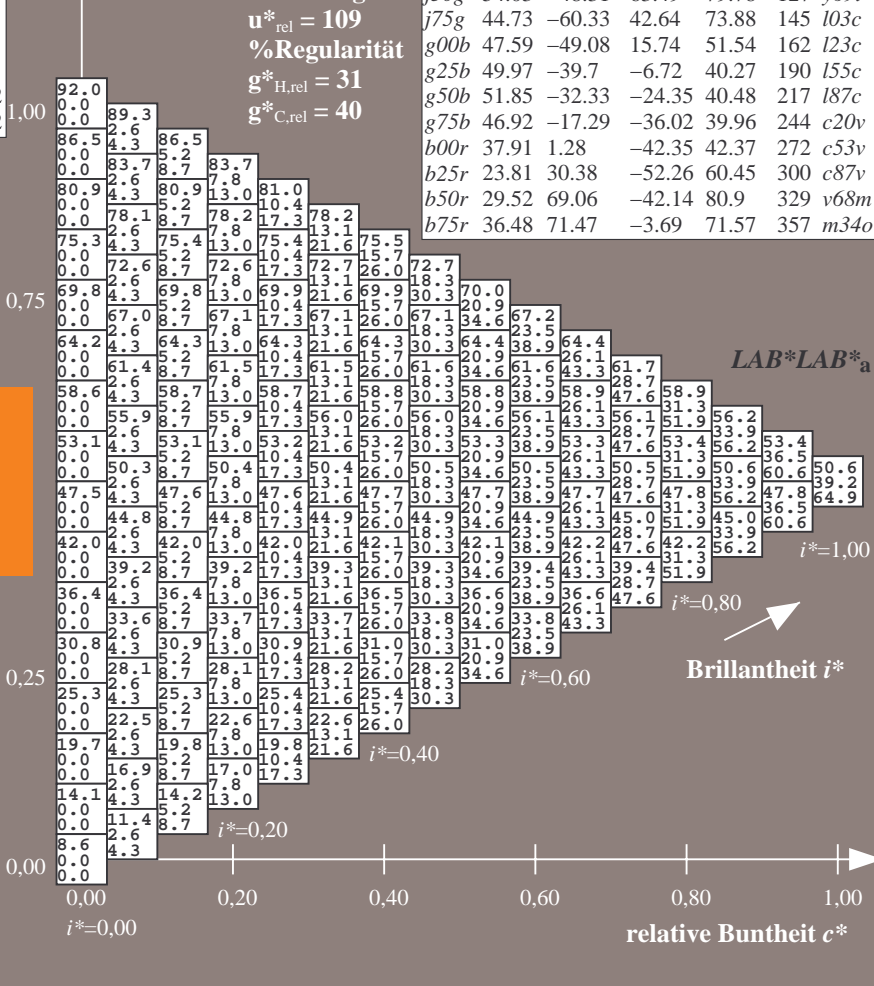
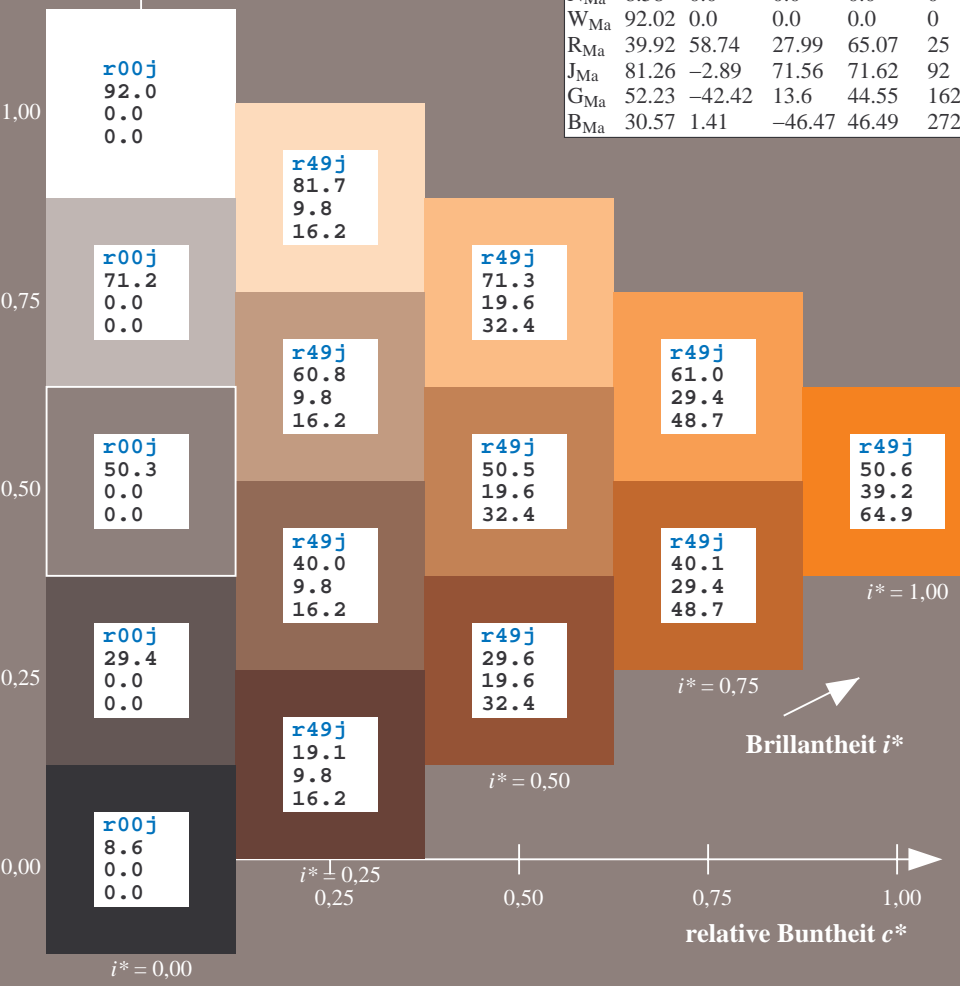
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

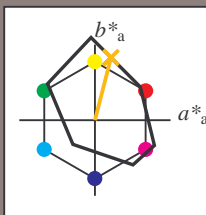
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 64 21 83

$LAB^*LCH^*_{Ma}$ : 64 86 75

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

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

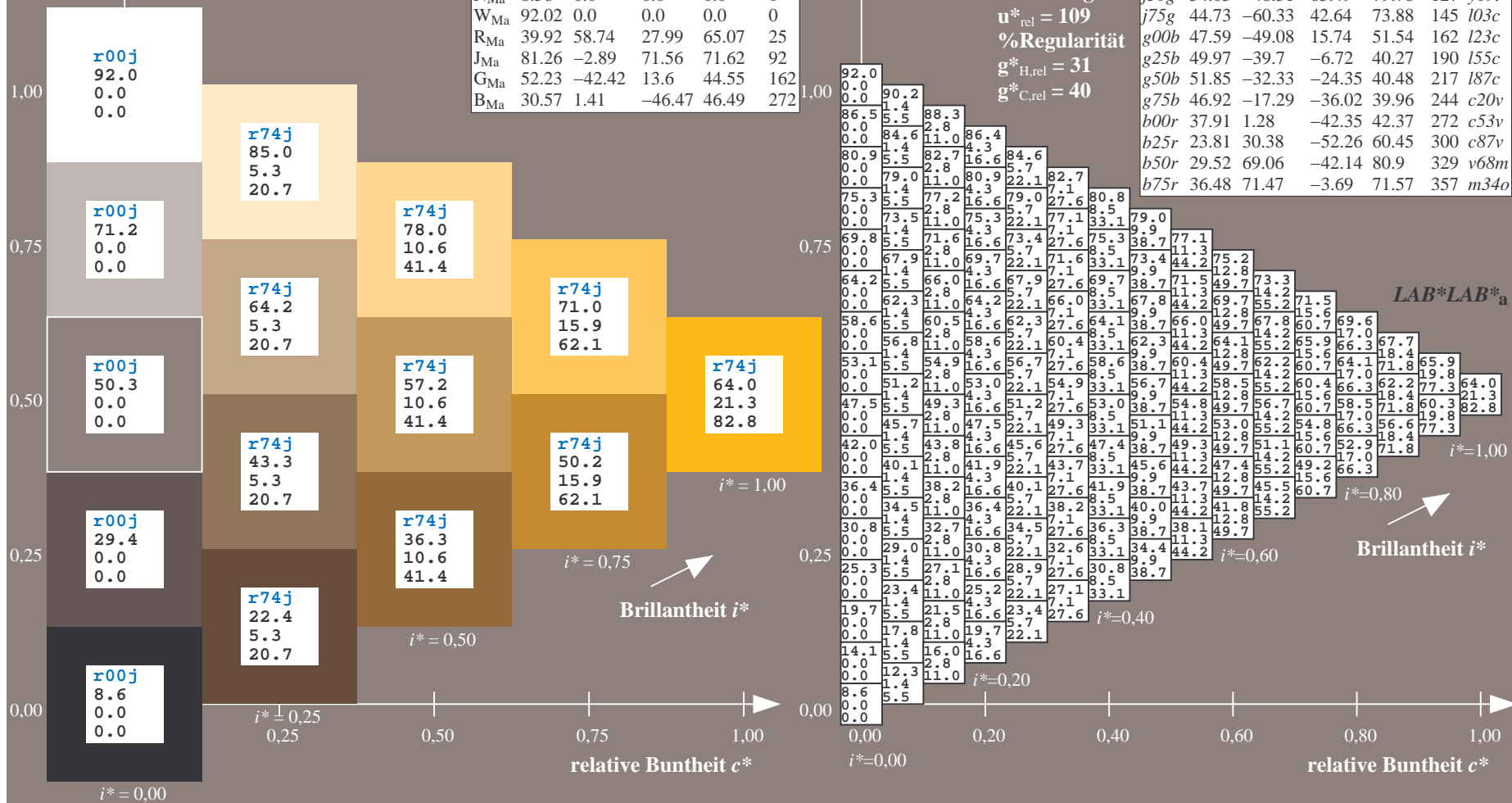
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	242	c20v
b00r	37.91	1.28	-42.35	42.37	277	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = r75j$   
 $LAB^*LAB^*_a$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

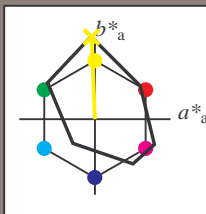
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -4 109

$LAB^*LCH^*_{Ma}$ : 83 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$LAB^*LAB^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

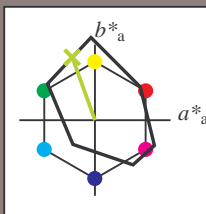
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -30 83

$LAB^*LCH^*_{Ma}$ : 67 88 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

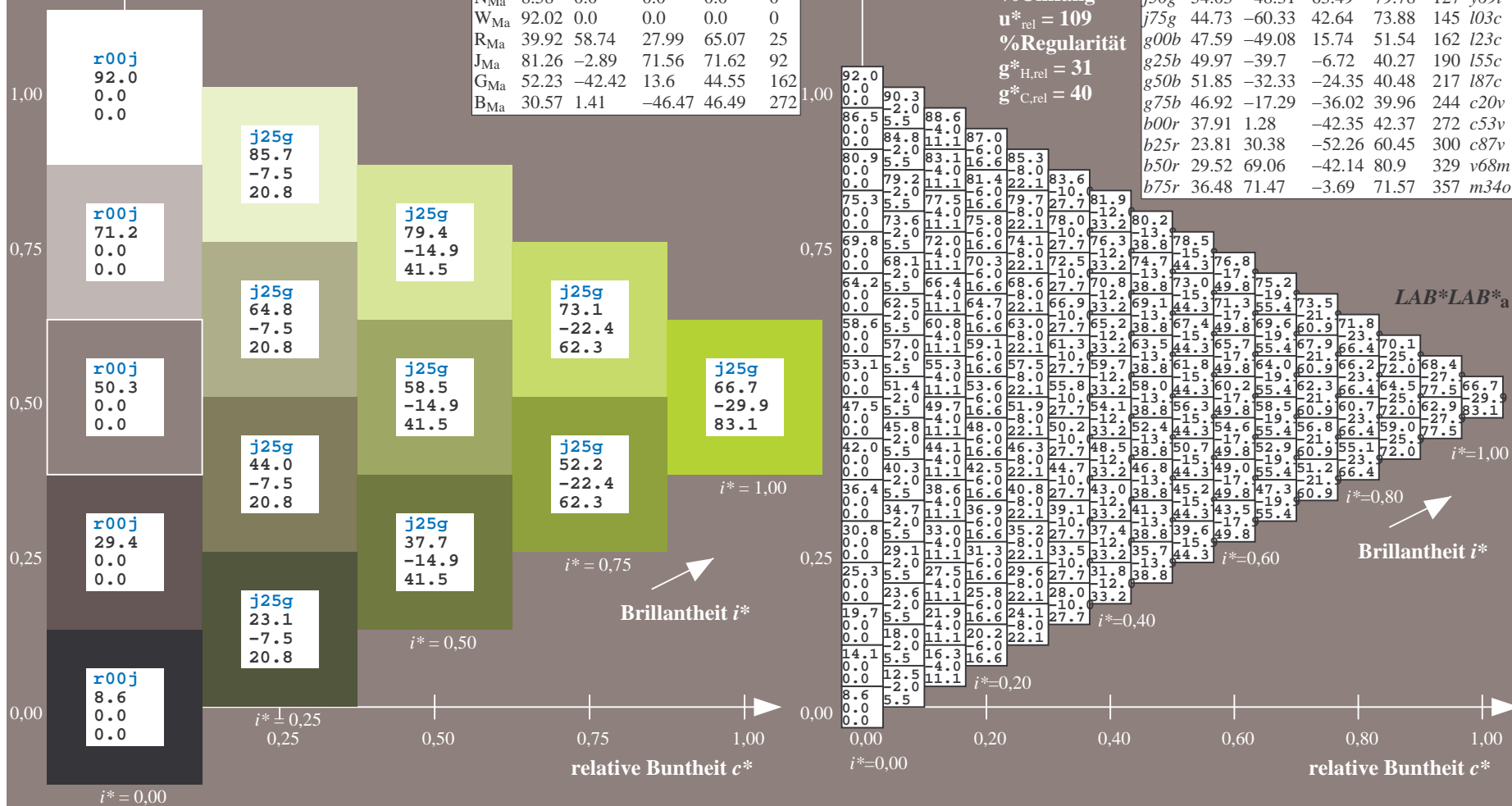
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = j25g$   
 $LAB^*LAB^*_a$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$\text{lab}^*ch^*$  und  $\text{lab}^*icu^*$

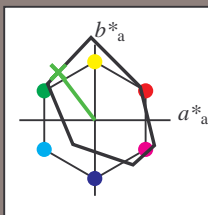
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 54 -48 63

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 54 80 127

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

$\text{lab}^*\text{olv}^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten								
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	35.47	63.32	30.17	70.15	25			m81o
r25j	39.12	54.56	49.45	73.64	42			o10y
r50j	50.64	39.15	64.89	75.79	59			o40y
r75j	64.01	21.26	82.83	85.52	76			o69y
j00g	83.18	-4.38	108.53	108.62	92			o98y
j25g	66.73	-29.89	83.06	88.28	110			y34l
j50g	54.03	-48.31	63.49	79.78	127			y69l
j75g	44.73	-60.33	42.64	73.88	145			i03c
g00b	47.59	-49.08	15.74	51.54	162			i23c
g25b	49.97	-39.7	-6.72	40.27	190			i55c
g50b	51.85	-32.33	-24.35	40.48	217			i87c
g75b	46.92	-17.29	-36.02	39.96	242			c20v
b00r	37.91	1.28	-42.35	42.37	277			c53v
b25r	23.81	30.38	-52.26	60.45	300			c87v
b50r	29.52	69.06	-42.14	80.9	329			v68m
b75r	36.48	71.47	-3.69	71.57	357			m34o

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

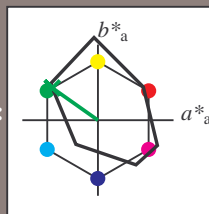
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 45 -60 43

$LAB^*LCH^*_{Ma}$ : 45 74 144

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	242	c20v
b00r	37.91	1.28	-42.35	42.37	274	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

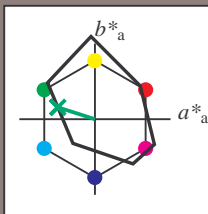
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09_92a; adaptierte CIELAB-Daten					
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -49 16

$LAB^*LCH^*_{Ma}$ : 48 52 162

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

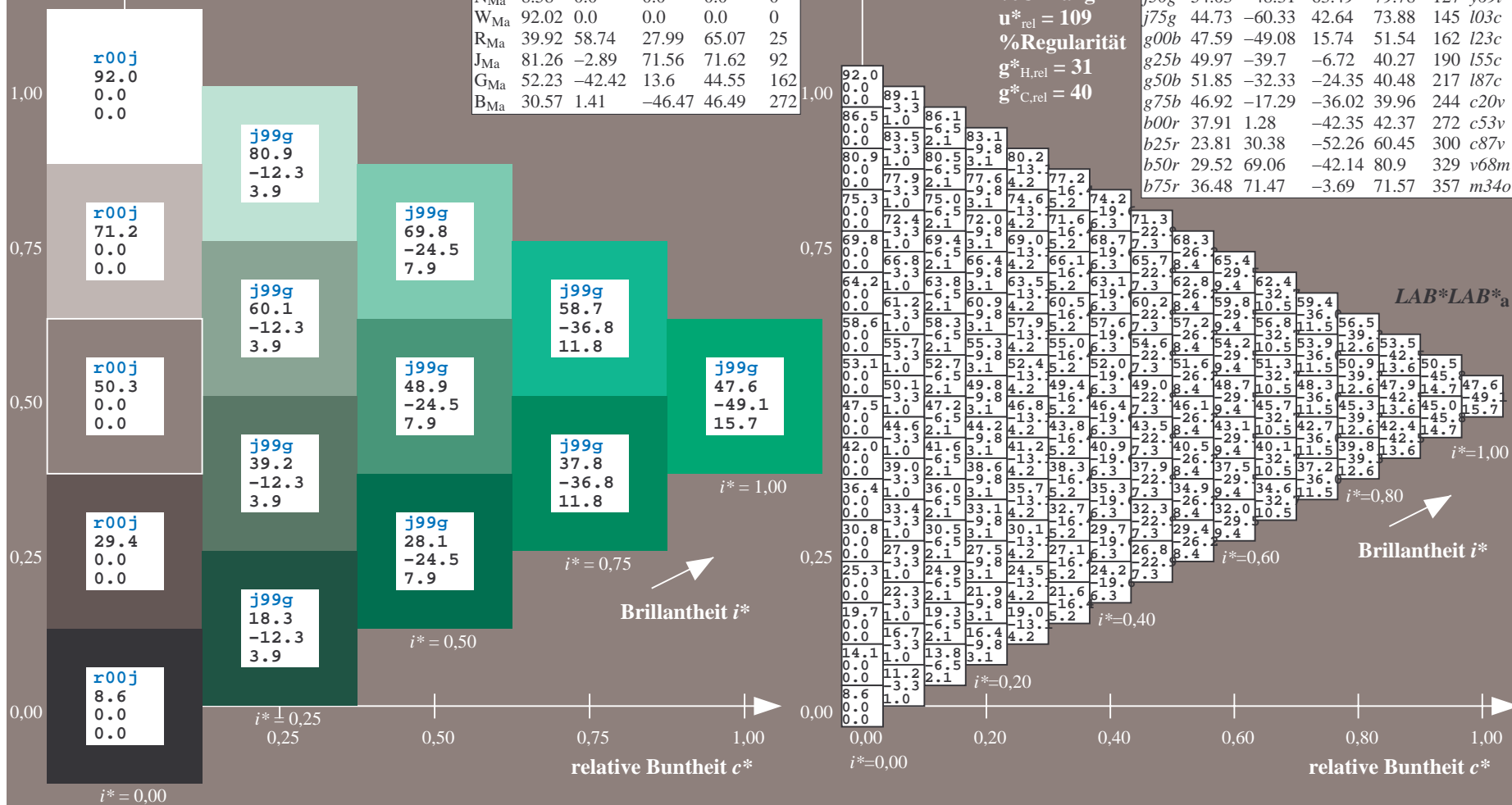
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	242	c20v	
b00r	37.91	1.28	-42.35	42.37	274	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

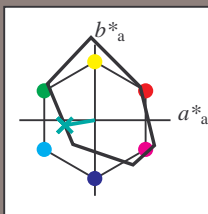
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -40 -7

$LAB^*LCH^*_{Ma}$ : 50 40 189

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

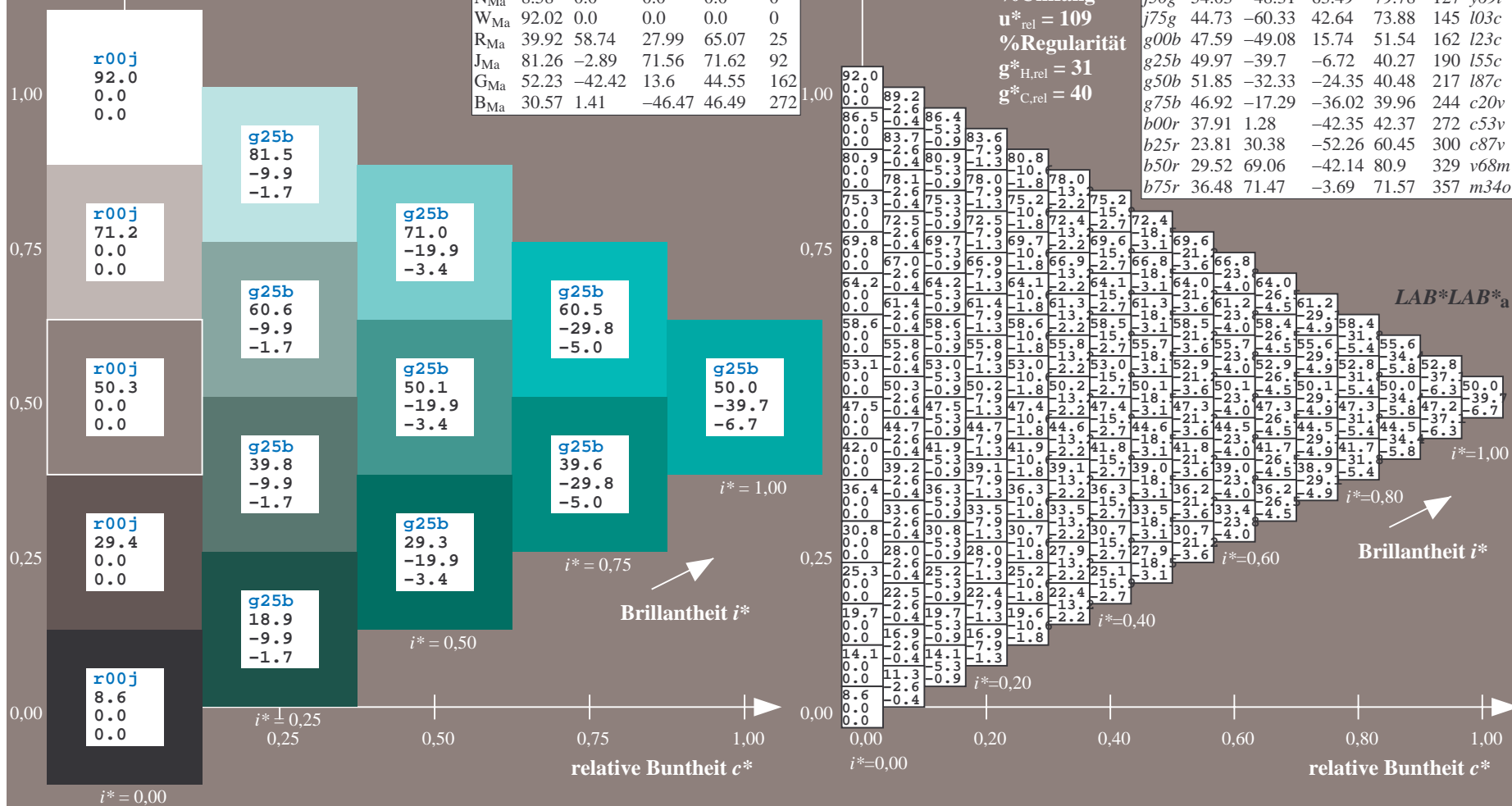
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$u^*_e = g25b$   
 $LAB^*LAB^*_a$





Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

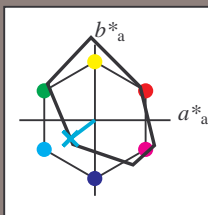
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten					
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -32 -24

$LAB^*LCH^*_{Ma}$ : 52 40 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.87

Dreiecks-Helligkeit  $i^*$

%Umfang

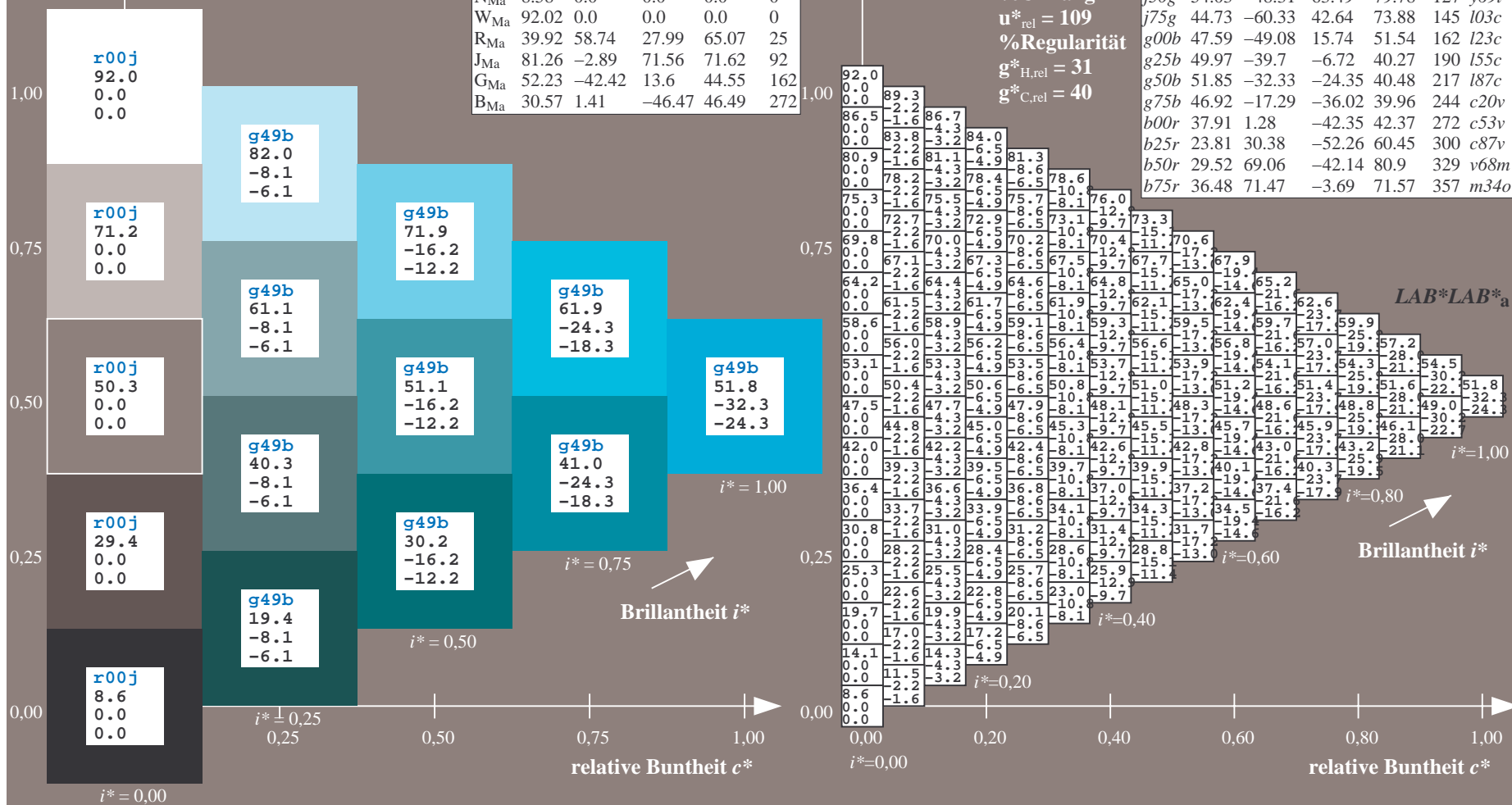
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

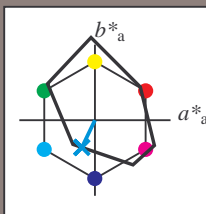
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -17 -36

$LAB^*LCH^*_{Ma}$ : 47 40 244

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

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

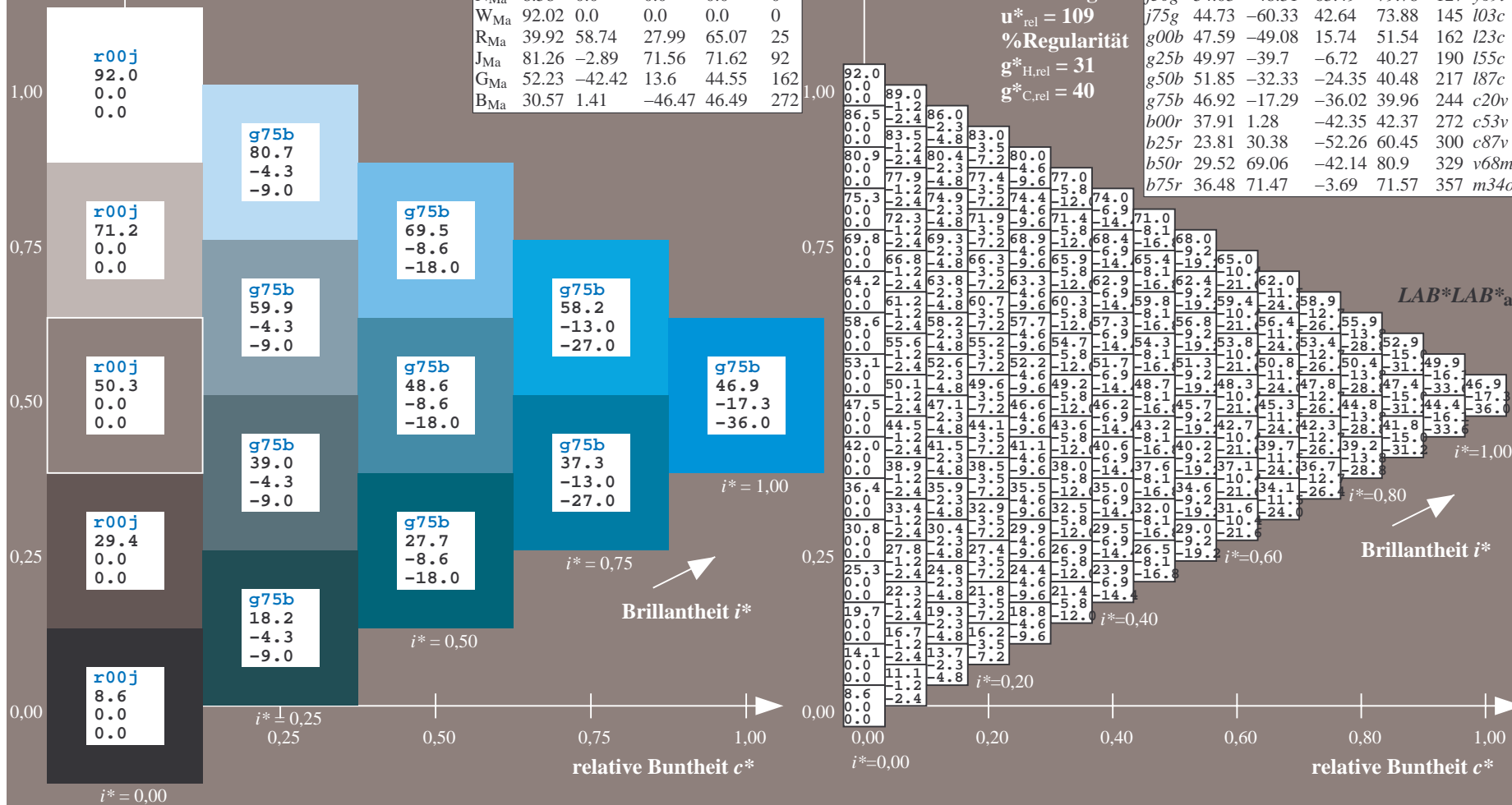
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten								
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	35.47	63.32	30.17	70.15	25		m81o	
r25j	39.12	54.56	49.45	73.64	42		o10y	
r50j	50.64	39.15	64.89	75.79	59		o40y	
r75j	64.01	21.26	82.83	85.52	76		o69y	
j00g	83.18	-4.38	108.53	108.62	92		o98y	
j25g	66.73	-29.89	83.06	88.28	110		y34l	
j50g	54.03	-48.31	63.49	79.78	127		y69l	
j75g	44.73	-60.33	42.64	73.88	145		l03c	
g00b	47.59	-49.08	15.74	51.54	162		l23c	
g25b	49.97	-39.7	-6.72	40.27	190		l55c	
g50b	51.85	-32.33	-24.35	40.48	217		l87c	
g75b	46.92	-17.29	-36.02	39.96	242		c20v	
b00r	37.91	1.28	-42.35	42.37	272		c53v	
b25r	23.81	30.38	-52.26	60.45	300		c87v	
b50r	29.52	69.06	-42.14	80.9	329		v68m	
b75r	36.48	71.47	-3.69	71.57	357		m34o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

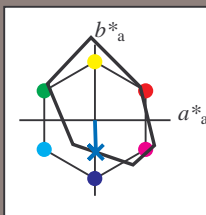
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 1 -42

$LAB^*LCH^*_{Ma}$ : 38 42 271

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

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

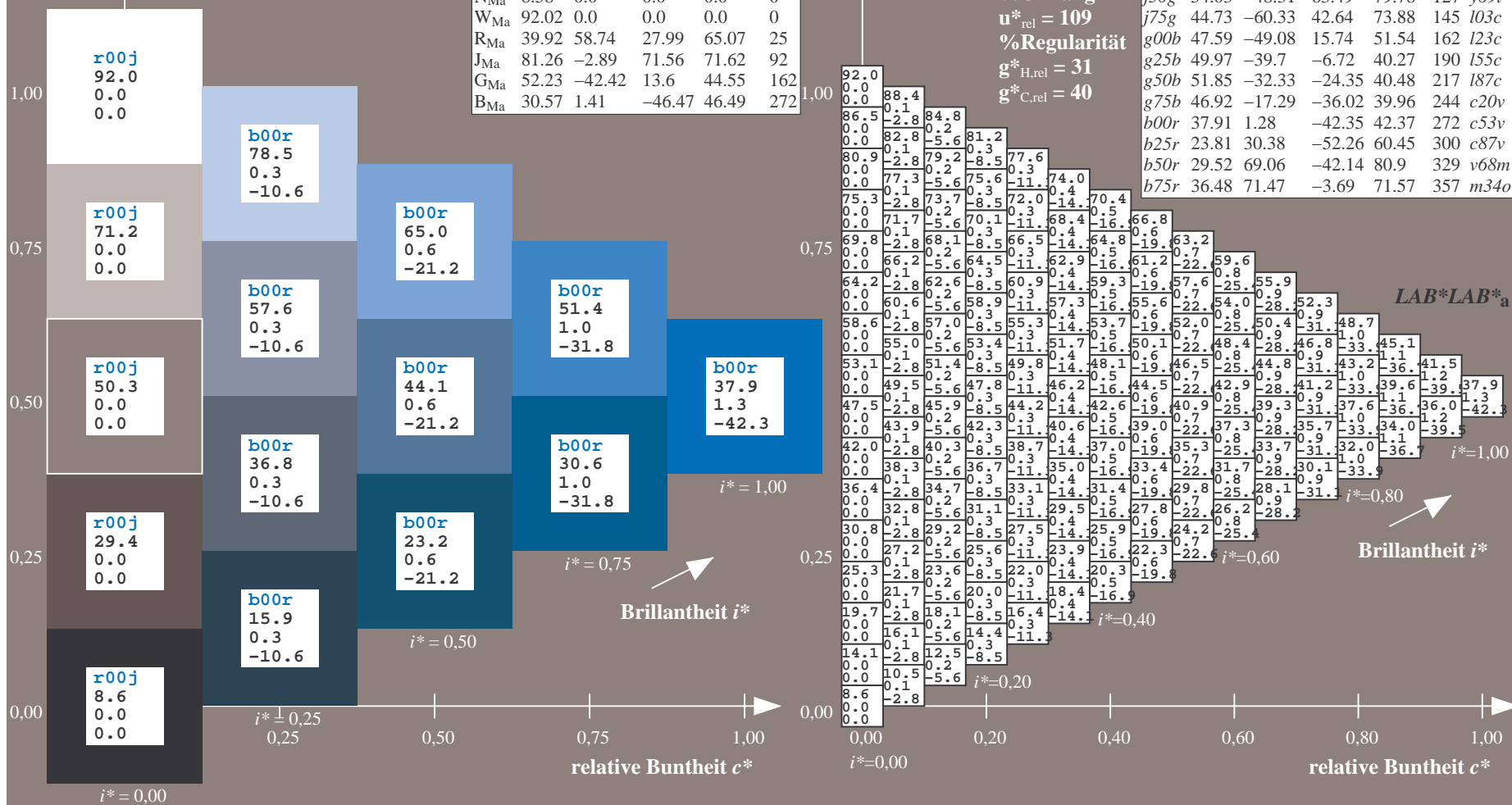
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b00r$   
 $LAB^*LAB^*_a$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

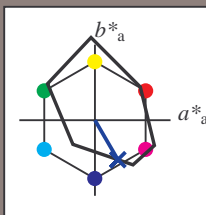
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
W <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
N <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 24 30 -52

$LAB^*LCH^*_{Ma}$ : 24 60 300

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

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

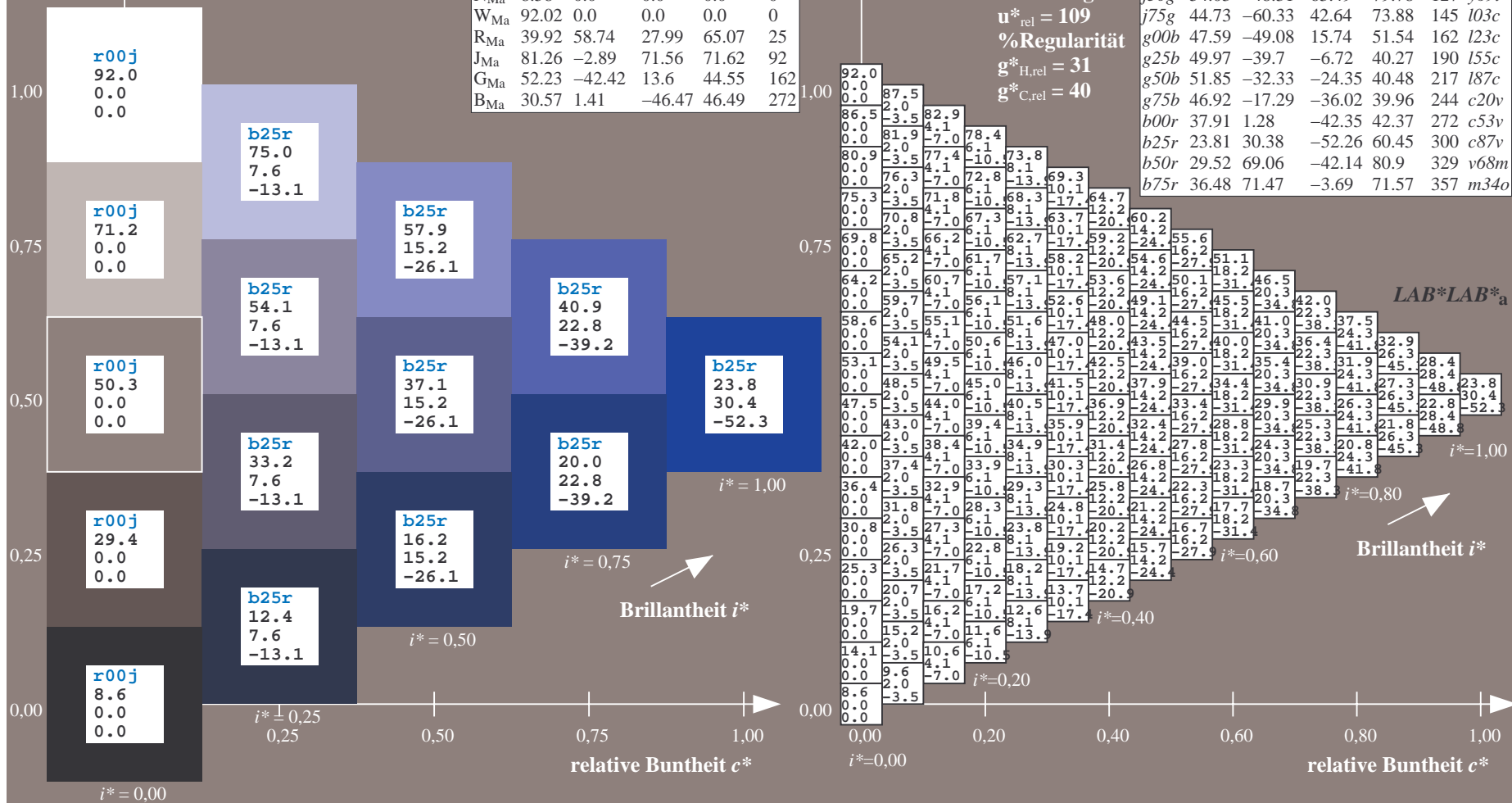
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$u^*_e = b25r$   
 $LAB^*LAB^*_a$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

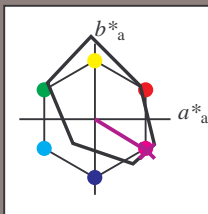
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 69 -42

$LAB^*LCH^*_{Ma}$ : 30 81 328

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b50r$   
 $LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

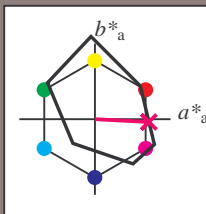
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m34o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 36 71 -4

$LAB^*LCH^*_{Ma}$ : 36 72 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*_{a}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg36/>; [www.ps.bam.de/Eg36/](http://www.ps.bam.de/Eg36/); [www.ps.bam.de/Eg36/](http://www.ps.bam.de/Eg36/)  
Technische Information: <http://www.ps.bam.de/Version 2.1, io=1,1, Col5px=0>

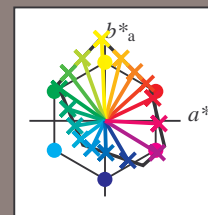
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*			
01	8.6	13.0	17.5	21.9	26.4	30.8	35.2	39.7	44.1	48.5	52.9	57.3	61.7	66.1	70.5	74.9	79.3	83.7	88.1	92.5	96.9	101.3	105.7	110.1	114.5	118.9	123.3	127.7	132.1	136.5	140.9	145.3	149.7	154.1	158.5	162.9	167.3	171.7	176.1	180.5	
02	9.3	14.1	18.8	23.5	28.2	32.7	37.3	41.8	46.3	50.8	55.3	59.8	64.3	68.8	73.3	77.8	82.3	86.8	91.3	95.8	100.3	104.8	109.3	113.8	118.3	122.8	127.3	131.8	136.3	140.8	145.3	149.8	154.3	158.8	163.3	167.8	172.3	176.8	181.3	185.8	
03	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0	200.0	205.0	
04	10.7	15.7	20.7	25.7	30.7	35.7	40.7	45.7	50.7	55.7	60.7	65.7	70.7	75.7	80.7	85.7	90.7	95.7	100.7	105.7	110.7	115.7	120.7	125.7	130.7	135.7	140.7	145.7	150.7	155.7	160.7	165.7	170.7	175.7	180.7	185.7	190.7	195.7	200.7	205.7	
05	11.4	16.4	21.4	26.4	31.4	36.4	41.4	46.4	51.4	56.4	61.4	66.4	71.4	76.4	81.4	86.4	91.4	96.4	101.4	106.4	111.4	116.4	121.4	126.4	131.4	136.4	141.4	146.4	151.4	156.4	161.4	166.4	171.4	176.4	181.4	186.4	191.4	196.4	201.4	206.4	
06	12.1	17.1	22.1	27.1	32.1	37.1	42.1	47.1	52.1	57.1	62.1	67.1	72.1	77.1	82.1	87.1	92.1	97.1	102.1	107.1	112.1	117.1	122.1	127.1	132.1	137.1	142.1	147.1	152.1	157.1	162.1	167.1	172.1	177.1	182.1	187.1	192.1	197.1	202.1	207.1	
07	12.8	17.8	22.8	27.8	32.8	37.8	42.8	47.8	52.8	57.8	62.8	67.8	72.8	77.8	82.8	87.8	92.8	97.8	102.8	107.8	112.8	117.8	122.8	127.8	132.8	137.8	142.8	147.8	152.8	157.8	162.8	167.8	172.8	177.8	182.8	187.8	192.8	197.8	202.8	207.8	
08	13.5	18.5	23.5	28.5	33.5	38.5	43.5	48.5	53.5	58.5	63.5	68.5	73.5	78.5	83.5	88.5	93.5	98.5	103.5	108.5	113.5	118.5	123.5	128.5	133.5	138.5	143.5	148.5	153.5	158.5	163.5	168.5	173.5	178.5	183.5	188.5	193.5	198.5	203.5	208.5	
09	14.2	19.2	24.2	29.2	34.2	39.2	44.2	49.2	54.2	59.2	64.2	69.2	74.2	79.2	84.2	89.2	94.2	99.2	104.2	109.2	114.2	119.2	124.2	129.2	134.2	139.2	144.2	149.2	154.2	159.2	164.2	169.2	174.2	179.2	184.2	189.2	194.2	199.2	204.2	209.2	
10	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0	200.0	205.0	210.0	215.0
11	15.7	20.7	25.7	30.7	35.7	40.7	45.7	50.7	55.7	60.7	65.7	70.7	75.7	80.7	85.7	90.7	95.7	100.7	105.7	110.7	115.7	120.7	125.7	130.7	135.7	140.7	145.7	150.7	155.7	160.7	165.7	170.7	175.7	180.7	185.7	190.7	195.7	200.7	205.7	210.7	215.7
12	16.4	21.4	26.4	31.4	36.4	41.4	46.4	51.4	56.4	61.4	66.4	71.4	76.4	81.4	86.4	91.4	96.4	101.4	106.4	111.4	116.4	121.4	126.4	131.4	136.4	141.4	146.4	151.4	156.4	161.4	166.4	171.4	176.4	181.4	186.4	191.4	196.4	201.4	206.4	211.4	216.4
13	17.1	22.1	27.1	32.1	37.1	42.1	47.1	52.1	57.1	62.1	67.1	72.1	77.1	82.1	87.1	92.1	97.1	102.1	107.1	112.1	117.1	122.1	127.1	132.1	137.1	142.1	147.1	152.1	157.1	162.1	167.1	172.1	177.1	182.1	187.1	192.1	197.1	202.1	207.1	212.1	217.1
14	17.8	22.8	27.8	32.8	37.8	42.8	47.8	52.8	57.8	62.8	67.8	72.8	77.8	82.8	87.8	92.8	97.8	102.8	107.8	112.8	117.8	122.8	127.8	132.8	137.8	142.8	147.8	152.8	157.8	162.8	167.8	172.8	177.8	182.8	187.8	192.8	197.8	202.8	207.8	212.8	217.8
15	18.5	23.5	28.5	33.5	38.5	43.5	48.5	53.5	58.5	63.5	68.5	73.5	78.5	83.5	88.5	93.5	98.5	103.5	108.5	113.5	118.5	123.5	128.5	133.5	138.5	143.5	148.5	153.5	158.5	163.5	168.5	173.5	178.5	183.5	188.5	193.5	198.5	203.5	208.5	213.5	218.5
16	19.2	24.2	29.2	34.2	39.2	44.2	49.2	54.2	59.2	64.2	69.2	74.2	79.2	84.2	89.2	94.2	99.2	104.2	109.2	114.2	119.2	124.2	129.2	134.2	139.2	144.2	149.2	154.2	159.2	164.2	169.2	174.2	179.2	184.2	189.2	194.2	199.2	204.2	209.2	214.2	219.2
17	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0	200.0	205.0	210.0	215.0	220.0
18	20.7	25.7	30.7	35.7	40.7	45.7	50.7	55.7	60.7	65.7	70.7	75.7	80.7	85.7	90.7	95.7	100.7	105.7	110.7	115.7	120.7	125.7	130.7	135.7	140.7	145.7	150.7	155.7	160.7	165.7	170.7	175.7	180.7	185.7	190.7	195.7	200.7	205.7	210.7	215.7	220.7
19	21.4	26.4	31.4	36.4	41.4	46.4	51.4	56.4	61.4	66.4	71.4	76.4	81.4	86.4	91.4	96.4	101.4	106.4	111.4	116.4	121.4	126.4	131.4	136.4	141.4	146.4	151.4	156.4	161.4	166.4	171.4	176.4	181.4	186.4	191.4	196.4	201.4	206.4	211.4	216.4	221.4
20	22.1	27.1	32.1	37.1	42.1	47.1	52.1	57.1	62.1	67.1	72.1	77.1	82.1	87.1	92.1	97.1	102.1	107.1	112.1	117.1	122.1	127.1	132.1	137.1	142.1	147.1	152.1	157.1	162.1	167.1	172.1	177.1	182.1	187.1	192.1	197.1	202.1	207.1	212.1	217.1	222.1
21	22.8	27.8	32.8	37.8	42.8	47.8	52.8	57.8	62.8	67.8	72.8	77.8	82.8	87.8	92.8	97.8	102.8	107.8	112.8	117.8	122.8	127.8	132.8	137.8	142.8	147.8	152.8	157.8	162.8	167.8	172.8	177.8	182.8	187.8	192.8	197.8	202.8	207.8	212.8	217.8	222.8
22	23.5	28.5	33.5	38.5	43.5	48.5	53.5	58.5	63.5	68.5	73.5	78.5	83.5	88.5	93.5	98.5	103.5	108.5	113.5	118.5	123.5	128.5	133.5	138.5	143.5	148.5	153.5	158.5	163.5	168.5	173.5	178.5	183.5	188.5	193.5	198.5	203.5	208.5	213.5	218.5	223.5
23	24.2	29.2	34.2	39.2	44.2	49.2	54.2	59.2	64.2	69.2	74.2	79.2	84.2	89.2	94.2	99.2	104.2	109.2	114.2	119.2	124.2	129.2	134.2	139.2	144.2	149.2	154.2	159.2	164.2	169.2	174.2	179.2	184.2	189.2	194.2	199.2	204.2	209.2	214.2	219.2	224.2
24	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0	200.0	205.0	210.0	215.0	220.0	225.0
25	25.7	30.7	35.7	40.7	45.7	50.7	55.7	60.7	65.7	70.7	75.7	80.7	85.7	90.7	95.7	100.7	105.7	110.7	115.7	120.7	125.7	130.7	135.7	140.7	145.7	150.7	155.7	160.7	165.7	170.7	175.7	180.7	185.7	190.7	195.7	200.7	205.7	210.7	215.7	220.7	225.7
26	26.4	31.4	36.4	41.4	46.4	51.4	56.4	61.4	66.4	71.4	76.4	81.4	86.4	91.4	96.4	101.4	106.4	111.4	116.4	121.4	126.4	131.4	136.4	141.4	146.4	151.4	156.4	161.4	166.4	171.4	176.4	181.4	186.4	191.4	196.4	201.4	206.4	211.4	216.4	221.4	226.4
27	27.1	32.1	37.1	42.1	47.1	52.1	57.1	62.1	67.1	72.1	77.1	82.1	87.1	92.1	97.1	102.1	107.1	112.1	117.1	122.1	127.1	132.1	137.1	142.1	147.1	152.1	157.1	162.1	167.1	172.1	177.1	182.1	187.1	192.1	197.1	202.1	207.1	212.1	217.1	222.1	227.1

BAM-Registrierung: 20081001-Eg36/10L/L36G00NA.PS/.TXT BAM-Material: Code=th4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe:  
Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:

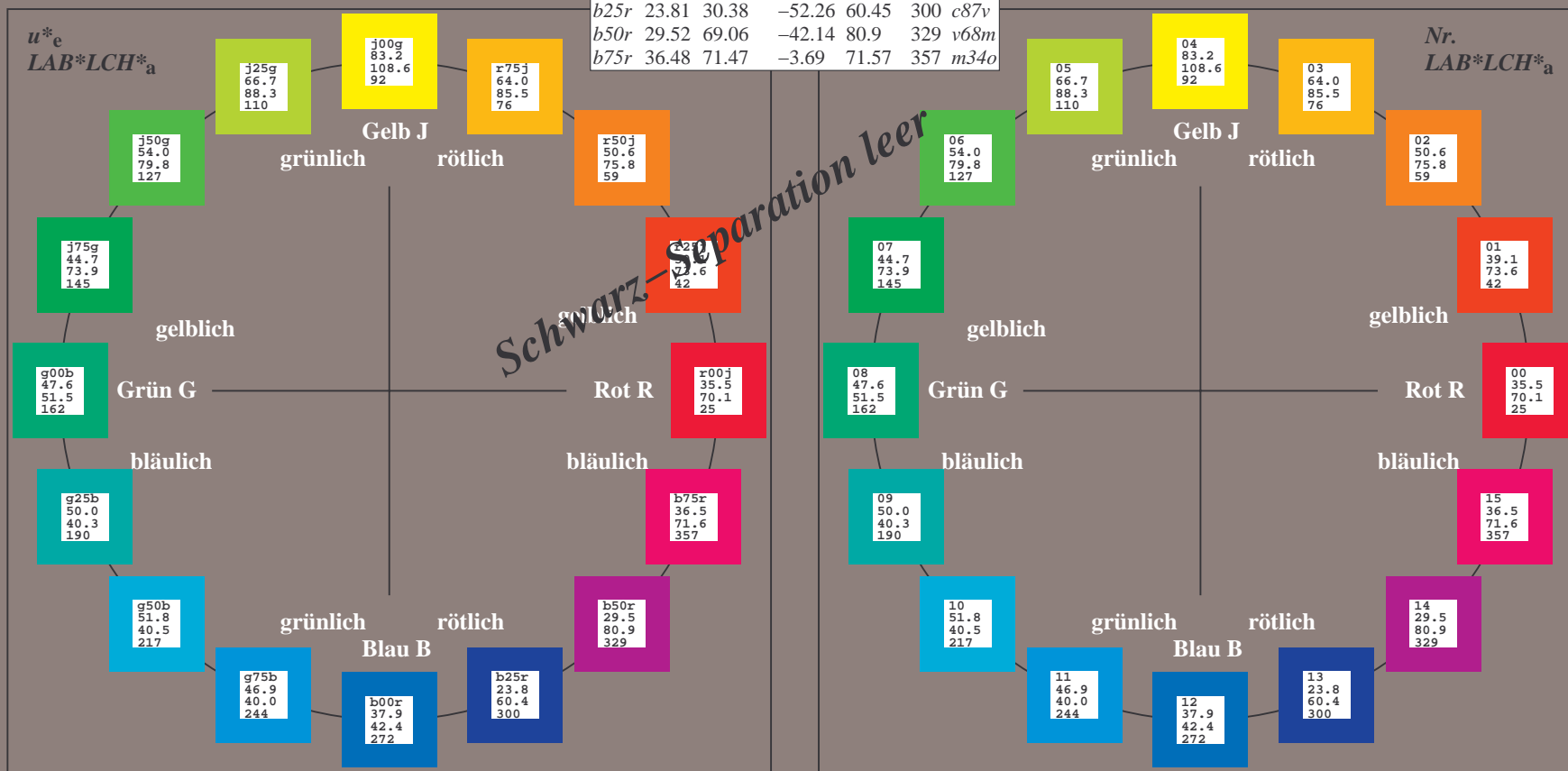
$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, ..., b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS09_92a; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$	
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$	
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$	
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$	
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$	
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$	
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$	
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$	
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$	
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$	
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$	
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$	
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$	
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$	
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$	
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$	



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

FRS09_92a; adaptierte CIELAB-Daten					
Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.89	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.42	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

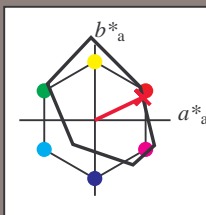
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09_92a; adaptierte CIELAB-Daten					
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 35 63 30

$LAB^*LCH^*_{Ma}$ : 35 70 25

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

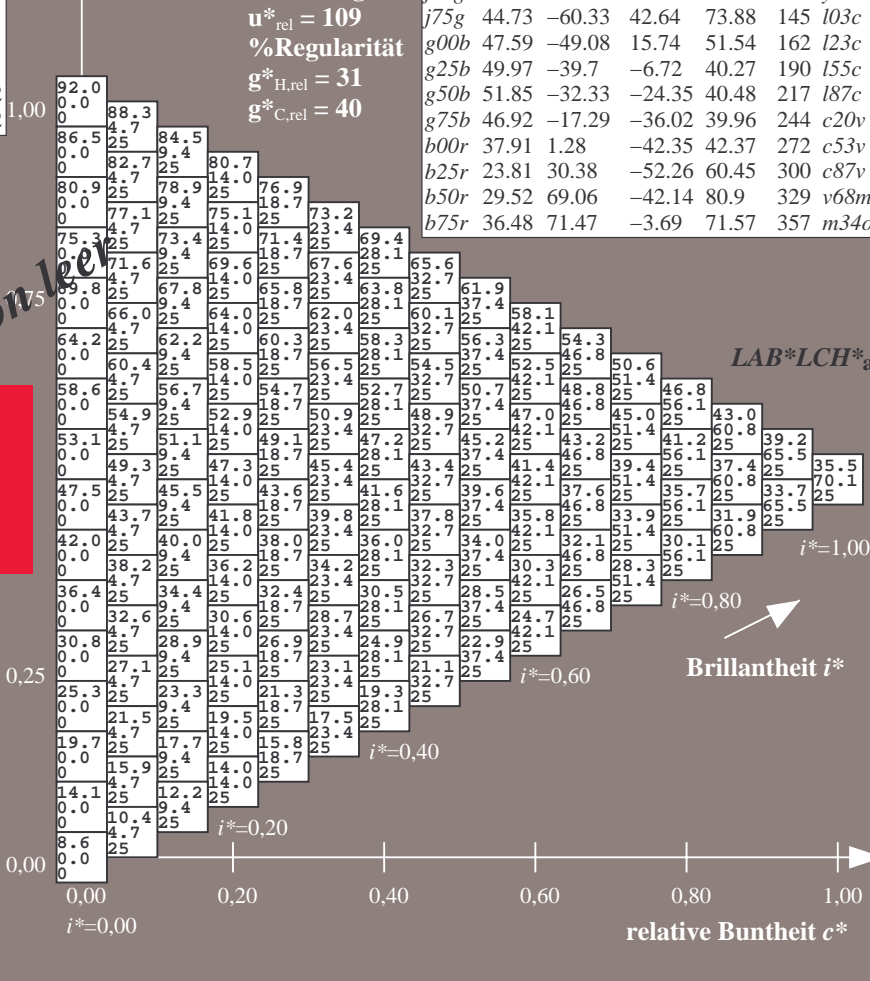
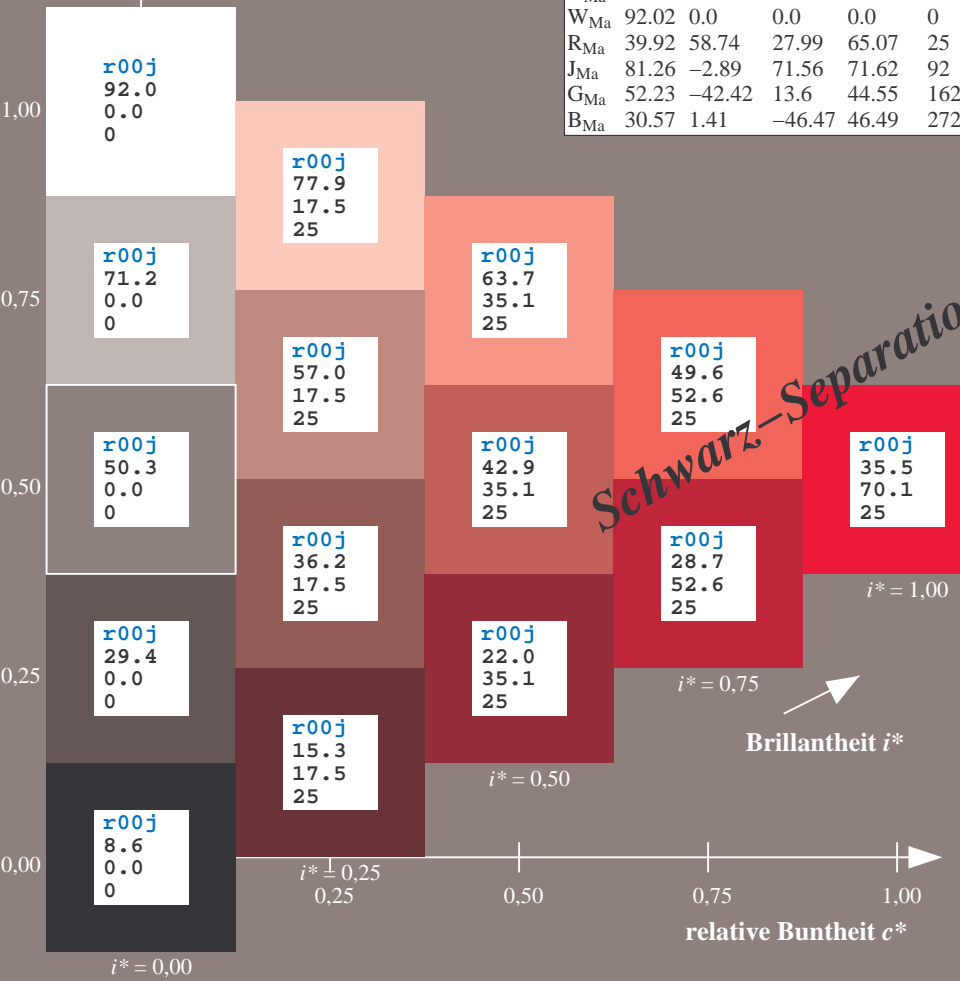
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

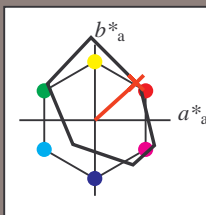
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 55 49

$LAB^*LCH^*_{Ma}$ : 39 74 42

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

$lab^*olv^*_{Ma}$ : 1.0 0.11 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

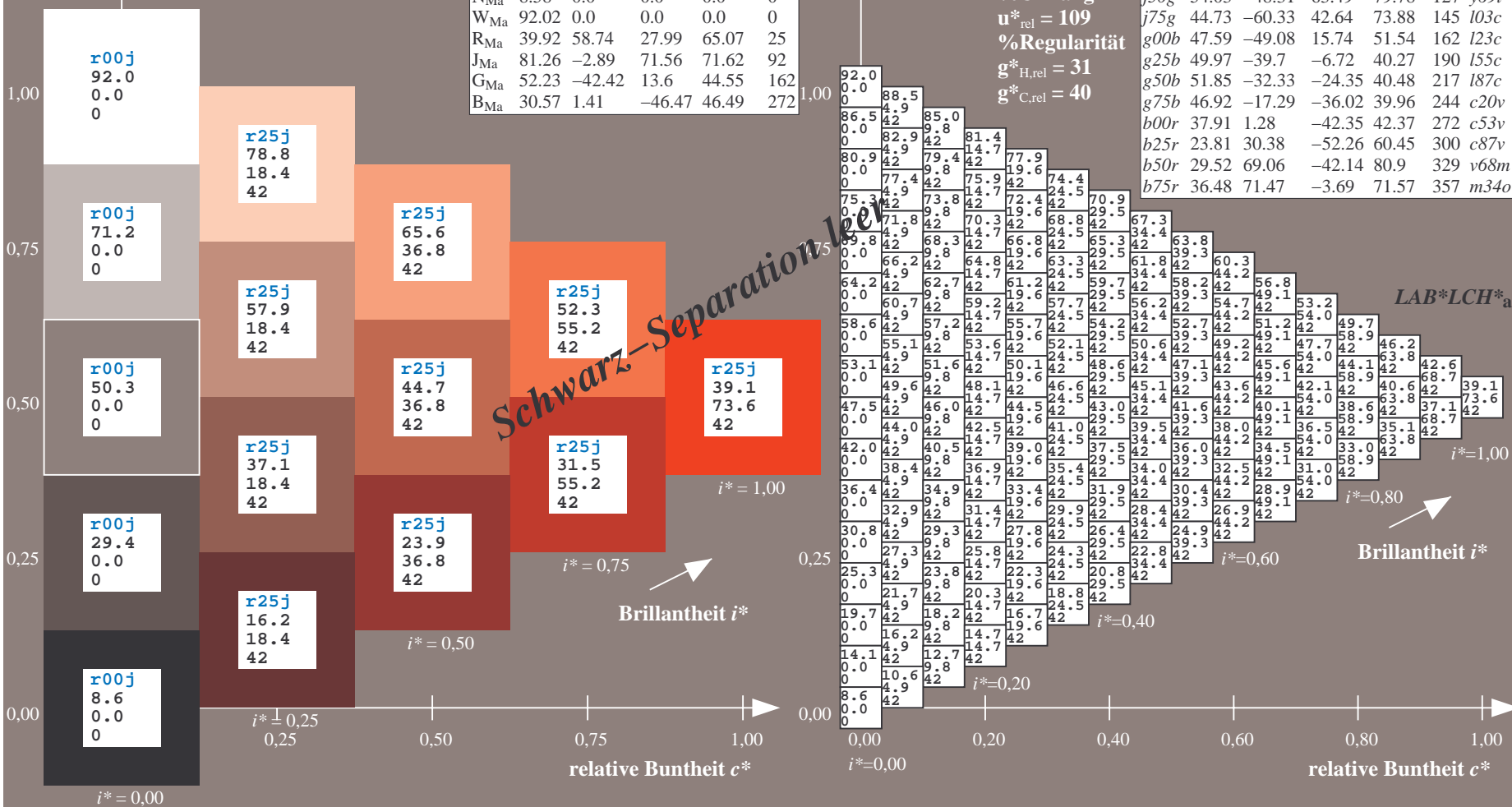
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

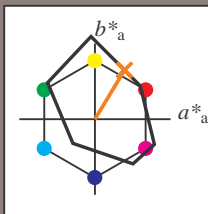
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 51 39 65

$LAB^*LCH^*_{Ma}$ : 51 76 58

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

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$LAB^*LCH^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

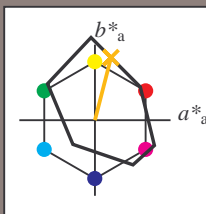
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 64 21 83

$LAB^*LCH^*_{Ma}$ : 64 86 75

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

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$u^*_e = r75j$   
 $LAB^*LCH^*_{Ma}$

$LAB^*LCH^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

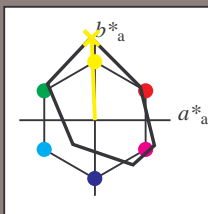
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
W <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
N <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -4 109

$LAB^*LCH^*_{Ma}$ : 83 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

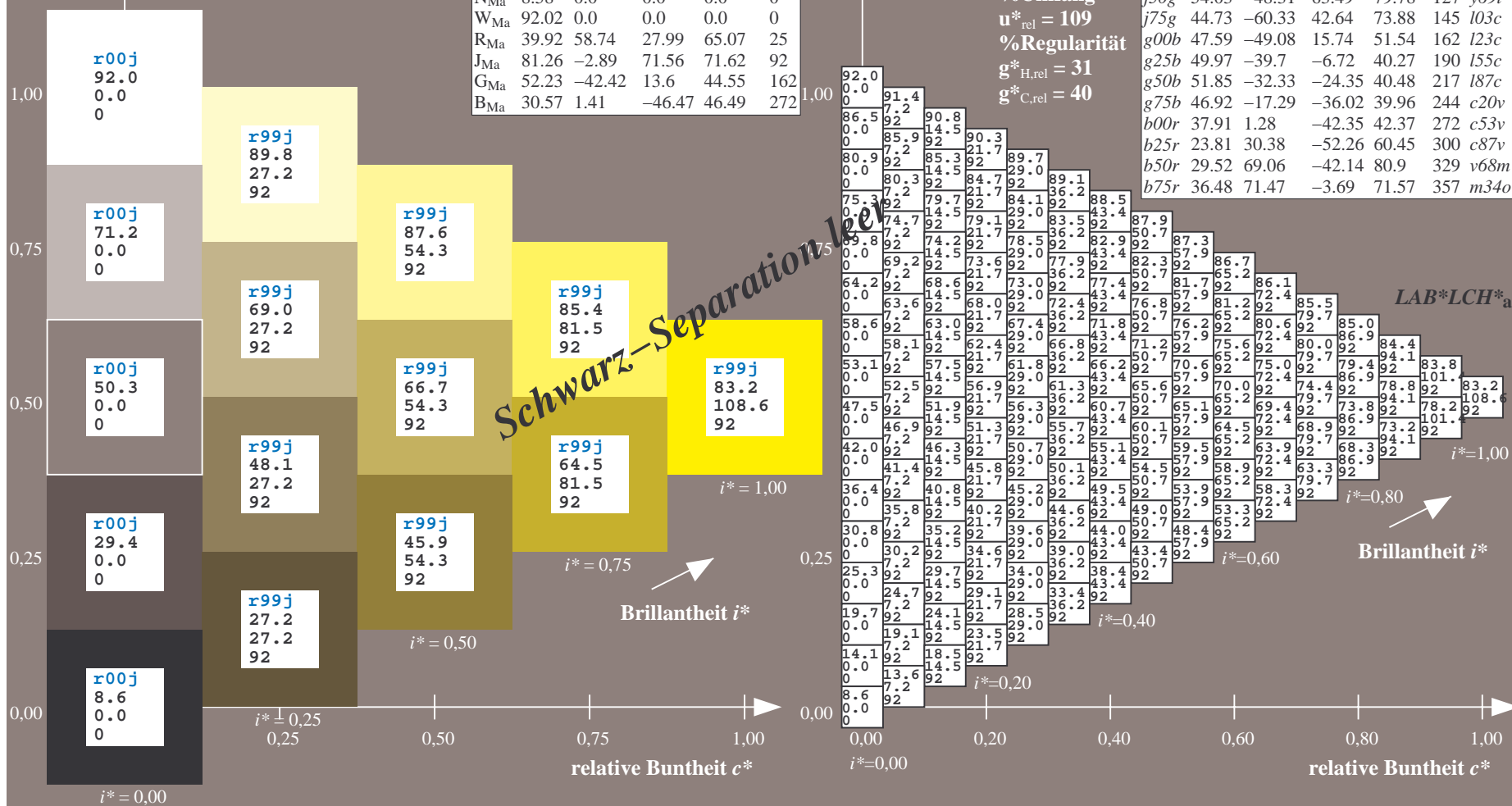
%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$		
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		i03c		
g00b	47.59	-49.08	15.74	51.54	162		i23c		
g25b	49.97	-39.7	-6.72	40.27	190		i55c		
g50b	51.85	-32.33	-24.35	40.48	217		i87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		

Schwarz-Separation



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

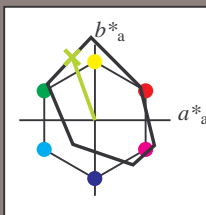
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
W <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
N <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 67 -30 83

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 67 88 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

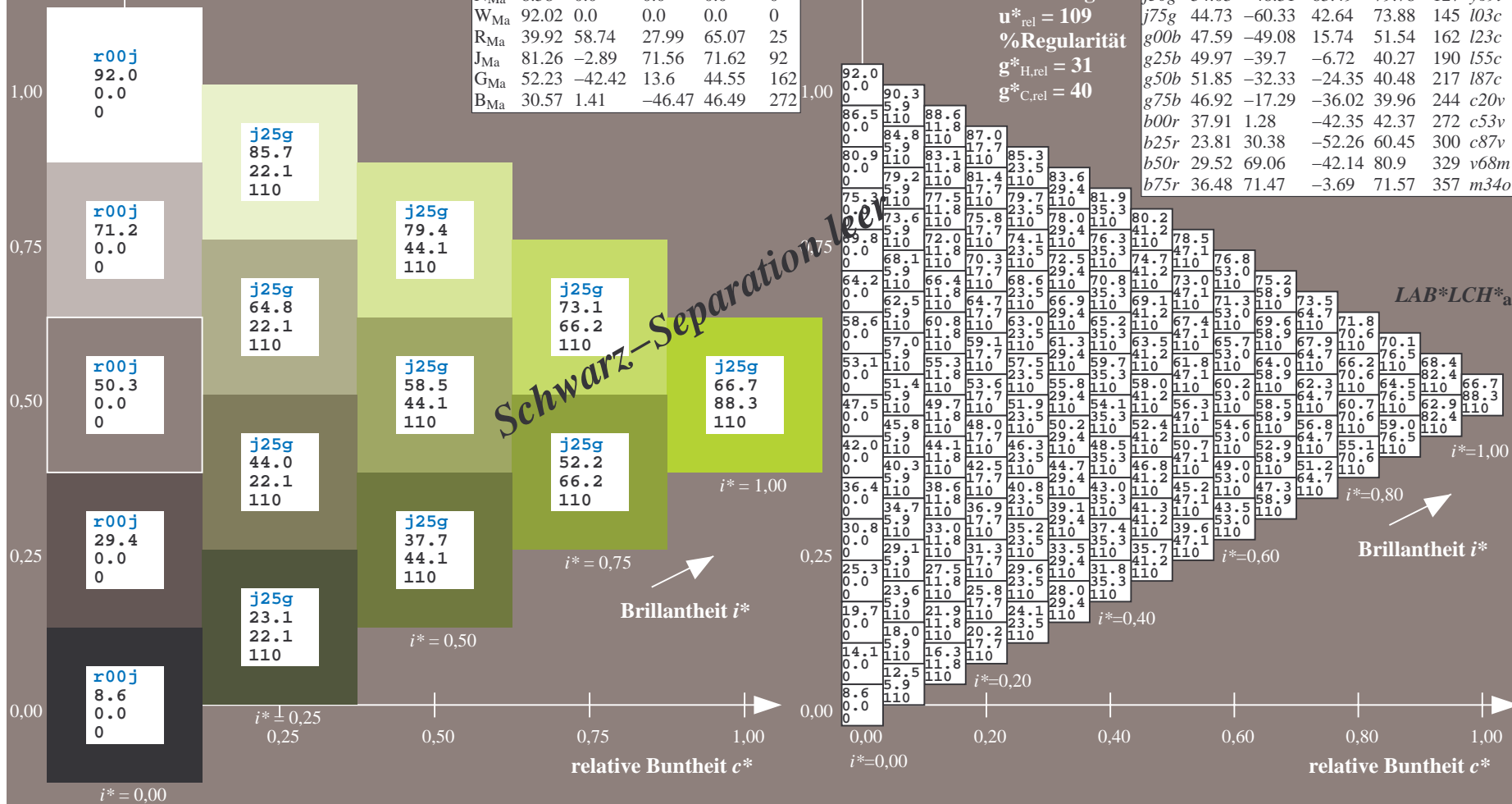
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	$u^*_e$	$L^*=L^*_a$	$a^*_a$
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

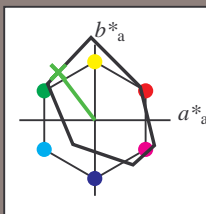
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -48 63

$LAB^*LCH^*_{Ma}$ : 54 80 127

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

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten								
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	35.47	63.32	30.17	70.15	25			m81o
r25j	39.12	54.56	49.45	73.64	42			o10y
r50j	50.64	39.15	64.89	75.79	59			o40y
r75j	64.01	21.26	82.83	85.52	76			o69y
j00g	83.18	-4.38	108.53	108.62	92			o98y
j25g	66.73	-29.89	83.06	88.28	110			y34l
j50g	54.03	-48.31	63.49	79.78	127			y69l
j75g	44.73	-60.33	42.64	73.88	145			i03c
g00b	47.59	-49.08	15.74	51.54	162			i23c
g25b	49.97	-39.7	-6.72	40.27	190			i55c
g50b	51.85	-32.33	-24.35	40.48	217			i87c
g75b	46.92	-17.29	-36.02	39.96	244			c20v
b00r	37.91	1.28	-42.35	42.37	272			c53v
b25r	23.81	30.38	-52.26	60.45	300			c87v
b50r	29.52	69.06	-42.14	80.9	329			v68m
b75r	36.48	71.47	-3.69	71.57	357			m34o

$LAB^*LCH^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

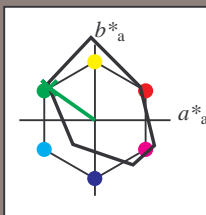
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 45 -60 43

$LAB^*LCH^*_{Ma}$ : 45 74 144

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$		
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		i03c		
g00b	47.59	-49.08	15.74	51.54	162		i23c		
g25b	49.97	-39.7	-6.72	40.27	190		i55c		
g50b	51.85	-32.33	-24.35	40.48	217		i87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		

$LAB^*LCH^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

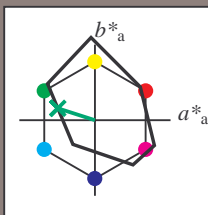
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -49 16

$LAB^*LCH^*_{Ma}$ : 48 52 162

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$		
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		l03c		
g00b	47.59	-49.08	15.74	51.54	162		l23c		
g25b	49.97	-39.7	-6.72	40.27	190		l55c		
g50b	51.85	-32.33	-24.35	40.48	217		l87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		

$LAB^*LCH^*_{Ma}$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

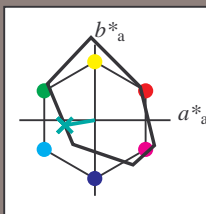
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -40 -7

$LAB^*LCH^*_{Ma}$ : 50 40 189

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$LAB^*LCH^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

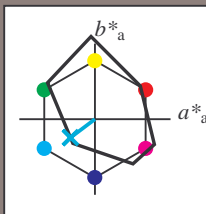
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -32 -24

$LAB^*LCH^*_{Ma}$ : 52 40 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.87

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

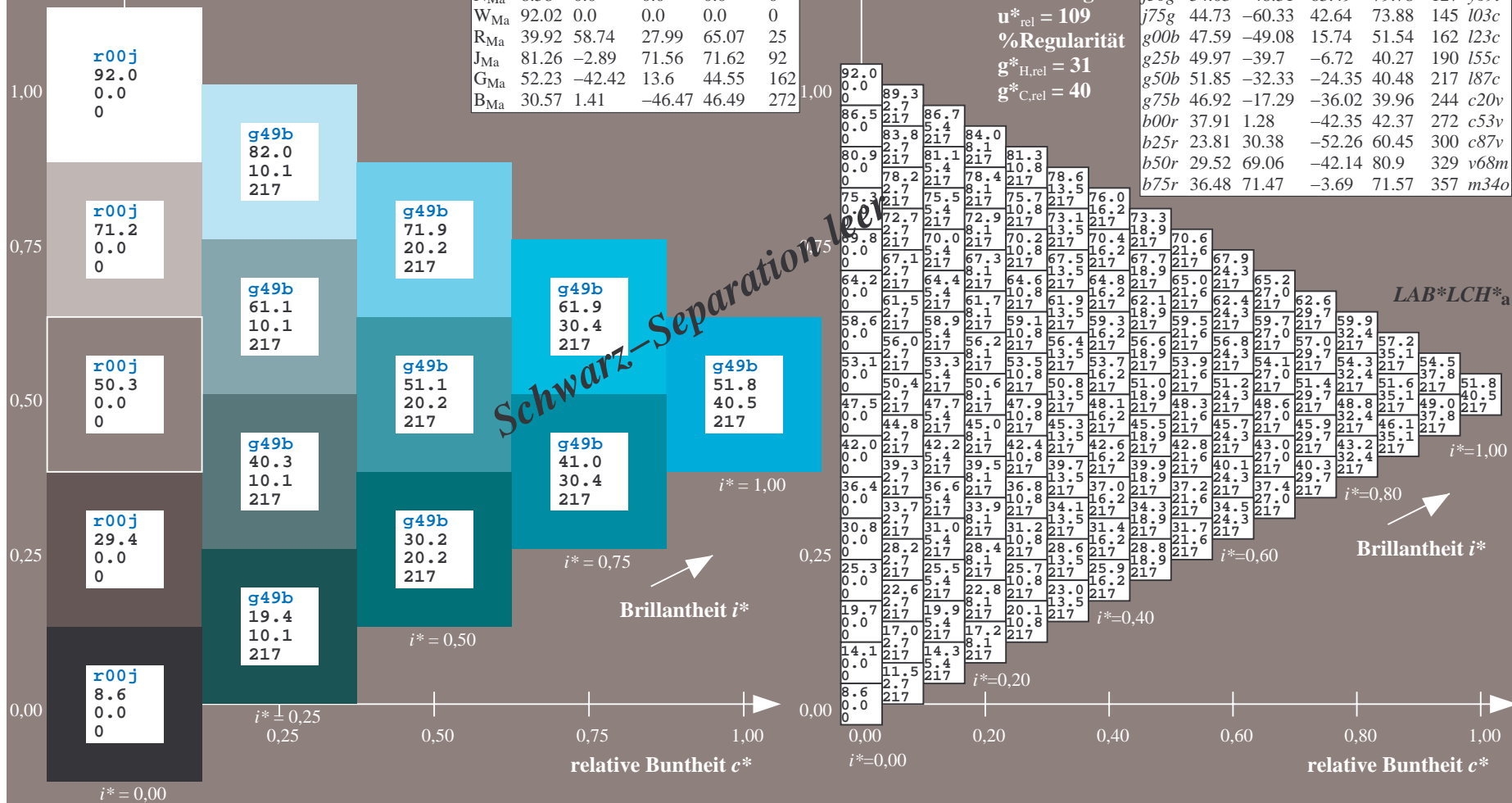
$g^*_{H,rel} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$u^*_e = g50b$   
 $LAB^*LCH^*_{Ma}$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

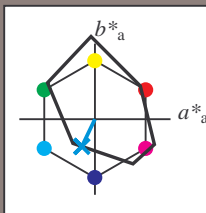
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -17 -36

$LAB^*LCH^*_{Ma}$ : 47 40 244

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

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

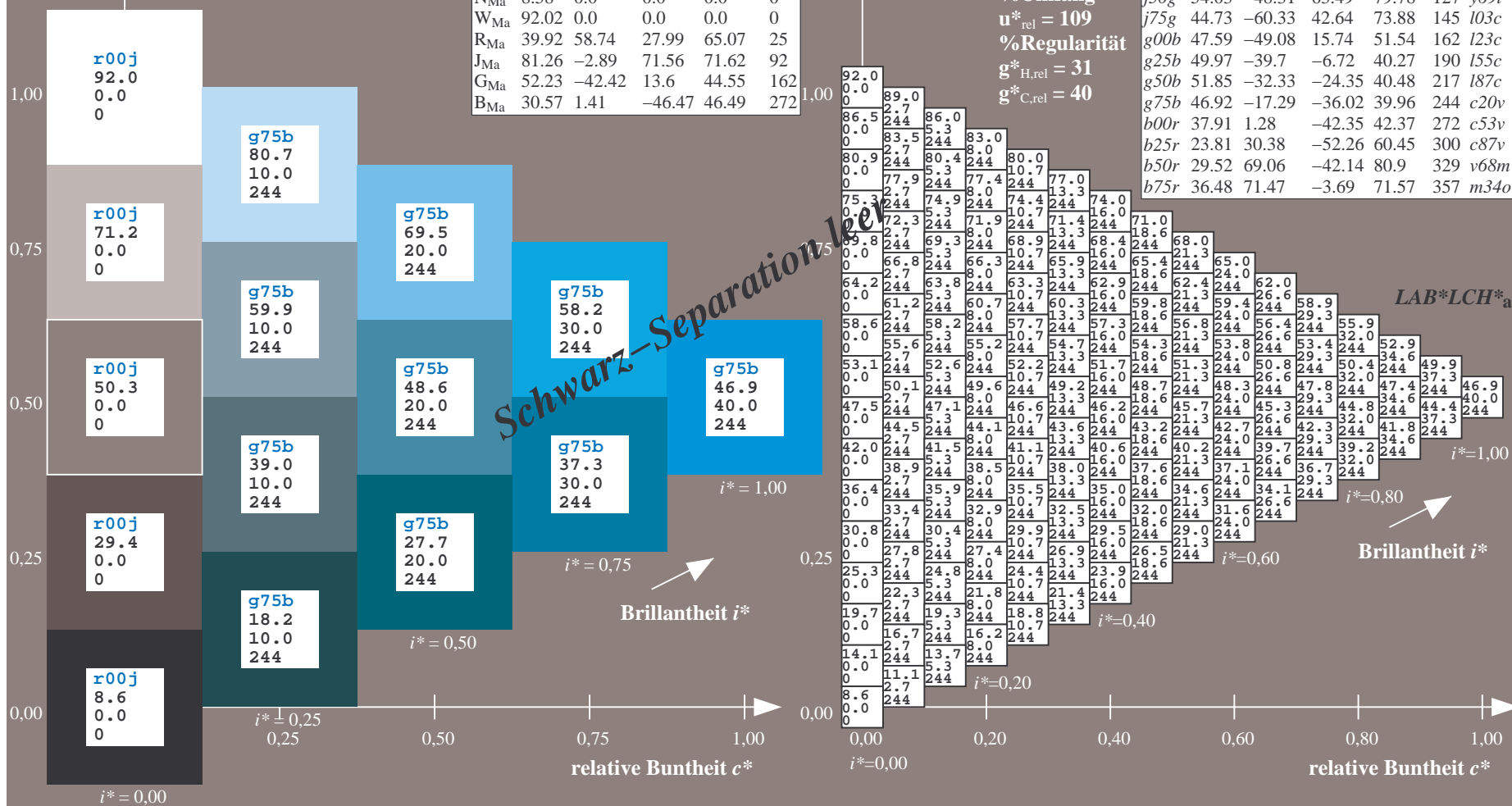
$g^*_{C,rel} = 40$

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$u^*_e = g75b$   
 $LAB^*LCH^*_{Ma}$

Schwarz-Separation



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

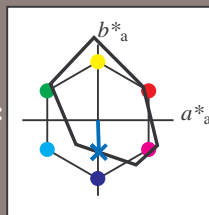
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 38 1 -42

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 38 42 271

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 109$

%Regularität

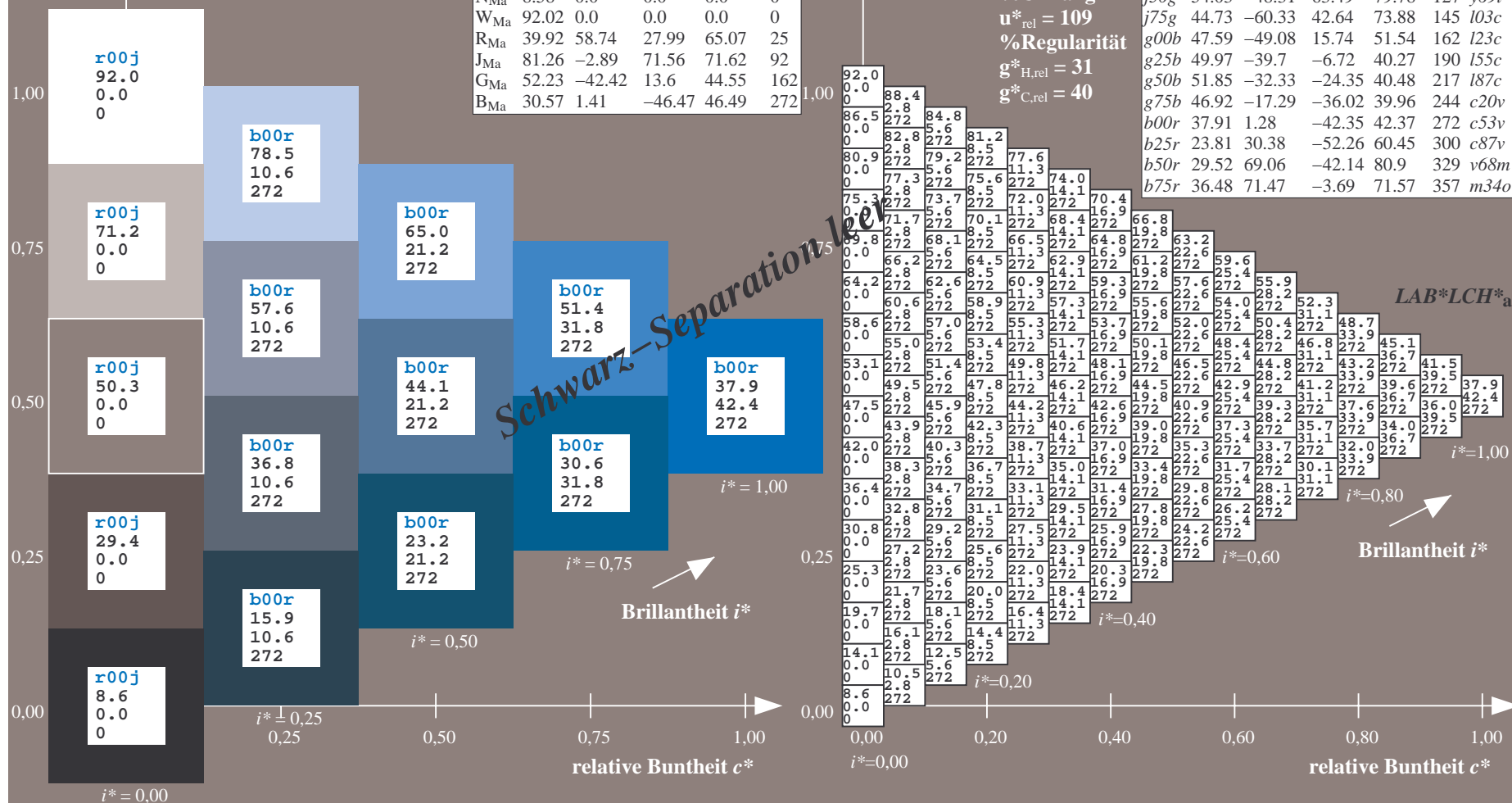
$g^*_{H,\text{rel}} = 31$

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$u^*_e = b00r$   
 $\text{LAB}^*\text{LCH}^*_{\text{Ma}}$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

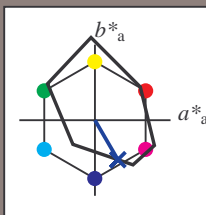
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 24 30 -52

$LAB^*LCH^*_{Ma}$ : 24 60 300

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

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	$u^*_e$	$u^*_d$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			

$LAB^*LCH^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

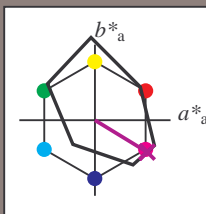
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 69 -42

$LAB^*LCH^*_{Ma}$ : 30 81 328

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$		
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		i03c		
g00b	47.59	-49.08	15.74	51.54	162		i23c		
g25b	49.97	-39.7	-6.72	40.27	190		i55c		
g50b	51.85	-32.33	-24.35	40.48	217		i87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		

$LAB^*LCH^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

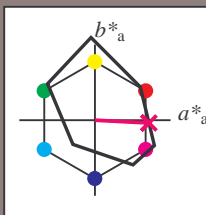
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m34o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 36 71 -4

$LAB^*LCH^*_{Ma}$ : 36 72 357

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b75r$   
 $LAB^*LCH^*_{Ma}$

$LAB^*LCH^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

Schwarz-Separation

Brillantheit  $i^*$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

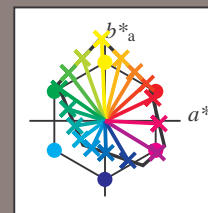
Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg36/>; [www.ps.bam.de/Eg36/10L/L36G00NA.PS/.TXT](http://www.ps.bam.de/Eg36/10L/L36G00NA.PS/.TXT) BAM-Material: Code=th4ta  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSp=0

	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*LCH*						
01	8.6	13.0	17.5	21.9	26.4	30.8	35.2	39.7	44.1	11.9	18.0	21.6	26.0	30.4	34.8	39.3	43.7	48.2	15.2	20.1	27.4	30.5	34.7	39.0	43.4	47.8	52.2	92.0	84.9	77.8	70.7	63.5	56.4	49.3	42.2	35.1	8.6	8.6	8.6	8.6				
02	9.3	14.1	18.8	23.5	28.2	32.7	37.3	41.8	46.3	12.2	19.0	23.5	27.9	32.3	36.8	41.2	45.7	50.1	15.5	22.3	28.4	32.1	36.4	40.8	45.3	49.7	54.2	87.1	81.6	74.5	67.4	60.2	53.1	46.0	38.9	31.7	19.0	19.0	19.0	19.0				
03	9.7	5.4	10.3	17.3	25.2	33.6	42.4	51.4	60.5	10.2	10.7	0.0	9.5	19.8	29.7	39.5	49.4	59.3	69.2	17.3	9.3	13.7	20.8	30.1	39.6	49.3	59.1	68.9	5.4	0.0	9.3	18.6	27.9	37.2	46.5	55.8	65.1	0.0	0.0	0.0	0.0			
04	10.0	16.2	19.6	24.4	29.1	33.8	38.5	43.3	47.8	12.7	19.7	24.5	29.3	34.0	38.6	43.2	47.7	52.3	15.8	22.6	29.4	33.9	38.3	42.8	47.2	51.7	56.1	82.2	76.7	71.2	64.0	56.9	49.8	42.7	35.6	28.4	29.4	29.4	29.4					
05	19.4	10.4	10.8	14.7	18.6	27.3	34.6	42.4	50.4	19.8	9.7	5.4	10.3	17.3	25.2	33.6	42.4	51.4	21.4	10.7	0.0	9.9	19.8	29.7	39.5	49.4	59.3	10.8	5.4	0.0	9.3	18.6	27.9	37.2	46.5	55.8	0.0	0.0	0.0	0.0				
06	31.0	26.9	228	199	185	177	171	167	164	324	310	258	185	171	164	159	155	155	33.7	30.7	0.0	1.42	142	142	142	142	142	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228		
07	10.7	17.9	21.7	25.1	29.8	34.6	39.4	44.1	48.8	13.4	20.4	26.6	30.0	34.8	39.5	44.3	48.9	53.6	16.3	23.2	30.1	34.9	39.7	44.4	49.0	53.6	58.2	77.3	71.7	66.2	60.7	53.6	46.5	39.4	32.3	25.1	39.9	39.9	39.9	39.9				
08	29.1	17.5	14.9	16.2	19.7	24.8	30.9	37.5	44.5	23.9	19.4	10.4	10.8	14.7	20.6	27.3	34.6	42.4	50.3	19.8	9.7	5.4	10.3	17.3	25.2	33.6	42.4	16.2	10.8	5.4	0.0	9.3	18.6	27.9	37.2	46.5	0.0	0.0	0.0	0.0				
09	31.0	26.9	228	199	185	177	171	167	164	324	310	258	185	171	164	159	155	155	33.7	30.7	0.0	1.42	142	142	142	142	142	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228		
10	10.7	17.9	21.7	25.1	29.8	34.6	39.4	44.1	48.8	13.4	20.4	26.6	30.0	34.8	39.5	44.3	48.9	53.6	16.3	23.2	30.1	34.9	39.7	44.4	49.0	53.6	58.2	77.3	71.7	66.2	60.7	53.6	46.5	39.4	32.3	25.1	39.9	39.9	39.9	39.9				
11	29.1	17.5	14.9	16.2	19.7	24.8	30.9	37.5	44.5	23.9	19.4	10.4	10.8	14.7	20.6	27.3	34.6	42.4	50.3	19.8	9.7	5.4	10.3	17.3	25.2	33.6	42.4	16.2	10.8	5.4	0.0	9.3	18.6	27.9	37.2	46.5	0.0	0.0	0.0	0.0				
12	31.0	26.9	228	199	185	177	171	167	164	324	310	258	185	171	164	159	155	155	33.7	30.7	0.0	1.42	142	142	142	142	142	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228		
13	10.7	17.9	21.7	25.1	29.8	34.6	39.4	44.1	48.8	13.4	20.4	26.6	30.0	34.8	39.5	44.3	48.9	53.6	16.3	23.2	30.1	34.9	39.7	44.4	49.0	53.6	58.2	77.3	71.7	66.2	60.7	53.6	46.5	39.4	32.3	25.1	39.9	39.9	39.9	39.9				
14	29.1	17.5	14.9	16.2	19.7	24.8	30.9	37.5	44.5	23.9	19.4	10.4	10.8	14.7	20.6	27.3	34.6	42.4	50.3	19.8	9.7	5.4	10.3	17.3	25.2	33.6	42.4	16.2	10.8	5.4	0.0	9.3	18.6	27.9	37.2	46.5	0.0	0.0	0.0	0.0				
15	31.0	26.9	228	199	185	177	171	167	164	324	310	258	185	171	164	159	155	155	33.7	30.7	0.0	1.42	142	142	142	142	142	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228		
16	10.7	17.9	21.7	25.1	29.8	34.6	39.4	44.1	48.8	13.4	20.4	26.6	30.0	34.8	39.5	44.3	48.9	53.6	16.3	23.2	30.1	34.9	39.7	44.4	49.0	53.6	58.2	77.3	71.7	66.2	60.7	53.6	46.5	39.4	32.3	25.1	39.9	39.9	39.9	39.9				
17	29.1	17.5	14.9	16.2	19.7	24.8	30.9	37.5	44.5	23.9	19.4	10.4	10.8	14.7	20.6	27.3	34.6	42.4	50.3	19.8	9.7	5.4	10.3	17.3	25.2	33.6	42.4	16.2	10.8	5.4	0.0	9.3	18.6	27.9	37.2	46.5	0.0	0.0	0.0	0.0				
18	31.0	26.9	228	199	185	177	171	167	164	324	310	258	185	171	164	159	155	155	33.7	30.7	0.0	1.42	142	142	142	142	142	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228		
19	10.7	17.9	21.7	25.1	29.8	34.6	39.4	44.1	48.8	13.4	20.4	26.6	30.0	34.8	39.5	44.3	48.9	53.6	16.3	23.2	30.1	34.9	39.7	44.4	49.0	53.6	58.2	77.3	71.7	66.2	60.7	53.6	46.5	39.4	32.3	25.1	39.9	39.9	39.9	39.9				
20	29.1	17.5	14.9	16.2	19.7	24.8	30.9	37.5	44.5	23.9	19.4	10.4	10.8	14.7	20.6	27.3	34.6	42.4	50.3	19.8	9.7	5.4	10.3	17.3	25.2	33.6	42.4	16.2	10.8	5.4	0.0	9.3	18.6	27.9	37.2	46.5	0.0	0.0	0.0	0.0				
21	31.0	26.9	228	199	185	177	171	167	164	324	310	258	185	171	164	159	155	155	33.7	30.7	0.0	1.42	142	142	142	142	142	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	
22	10.7	17.9	21.7	25.1	29.8	34.6	39.4	44.1	48.8	13.4	20.4	26.6	30.0	34.8	39.5	44.3	48.9	53.6	16.3	23.2	30.1	34.9	39.7	44.4	49.0	53.6	58.2	77.3	71.7	66.2	60.7	53.6	46.5	39.4	32.3	25.1	39.9	39.9	39.9	39.9				
23	29.1	17.5	14.9	16.2	19.7	24.8	30.9	37.5	44.5	23.9	19.4	10.4	10.8	14.7	20.6	27.3	34.6	42.4	50.3	19.8	9.7	5.4	10.3	17.3	25.2	33.6	42.4	16.2	10.8	5.4	0.0	9.3	18.6	27.9	37.2	46.5	0.0	0.0	0.0	0.0				
24	31.0	26.9	228	199	185	177	171	167	164	324	310	258	185	171	164	159	155	155	33.7	30.7	0.0	1.42	142	142	142	142	142	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	
25	10.7	17.9	21.7	25.1	29.8	34.6	39.4	44.1	48.8	13.4	20.4	26.6	30.0	34.8	39.5	44.3	48.9	53.6	16.3	23.2	30.1	34.9	39.7	44.4	49.0	53.6	58.2	77.3	71.7	66.2	60.7	53.6	46.5	39.4	32.3	25.1	39.9	39.9	39.9	39.9				
26	29.1	17.5	14.9	16.2	19.7	24.8	30.9	37.5	44.5	23.9	19.4	10.4	10.8	14.7	20.6	27.3	34.6	42.4	50.3	19.8	9.7	5.4	10.3	17.3	25.2	33.6	42.4	16.2	10.8	5.4	0.0	9.3	18.6	27.9	37.2	46.5	0.0	0.0	0.0	0.0				
27	31.0	26.9	228	199	185	177	171	167	164	324	310	258	185	171	164	159	155	155	33.7	30.7	0.0	1.42	142	142	142	142	142	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228
28	10.7	17.9	21.7	25.1	29.8																																							

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:

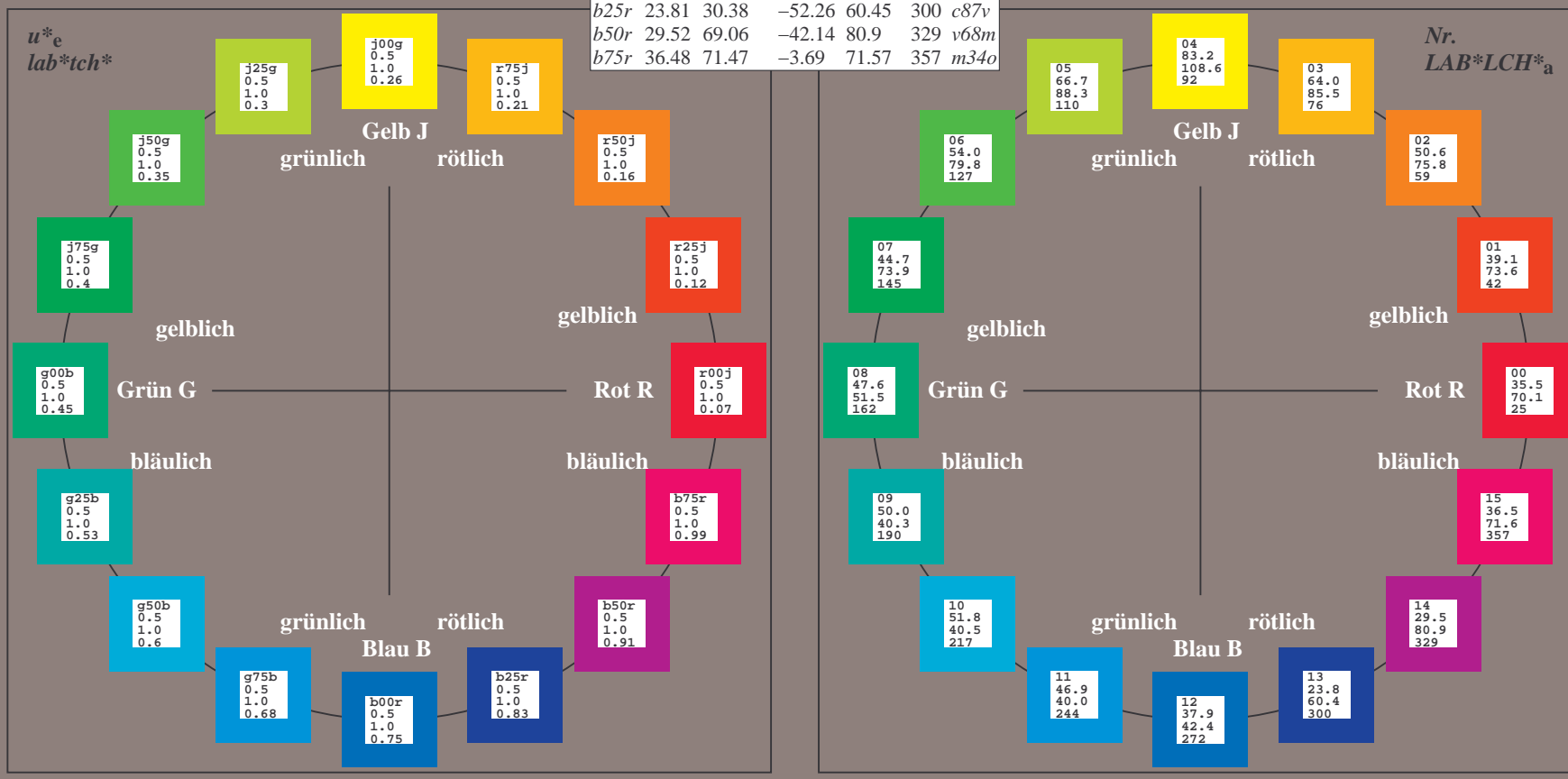
$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS09_92a; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$	
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$	
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$	
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$	
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$	
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$	
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$	
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$	
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$	
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$	
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$	
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$	
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$	
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$	
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$	
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$	



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

FRS09_92a; adaptierte CIELAB-Daten					
Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	92
J <sub>CIE</sub>	81.26	-2.89	71.56	71.62	25
G <sub>CIE</sub>	52.23	-42.42	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.47	46.49	272





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

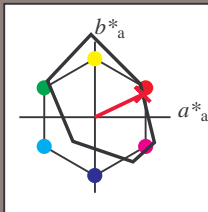
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 35 63 30

$LAB^*LCH^*_{Ma}$ : 35 70 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

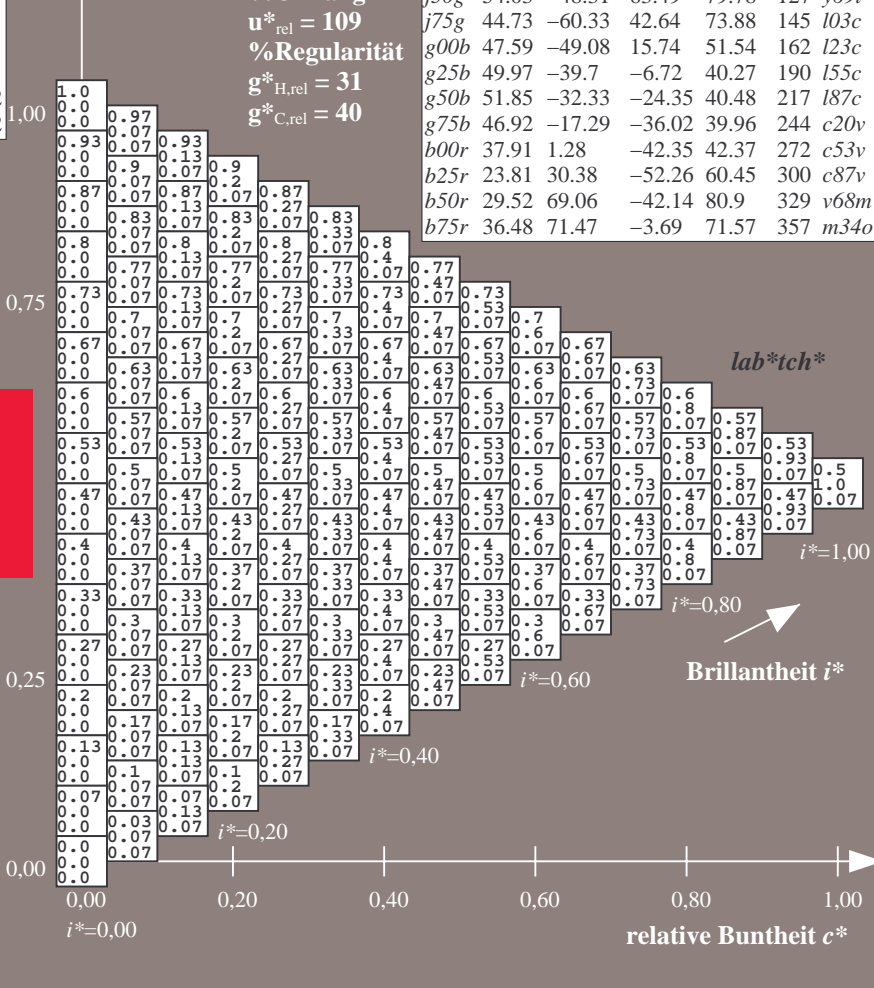
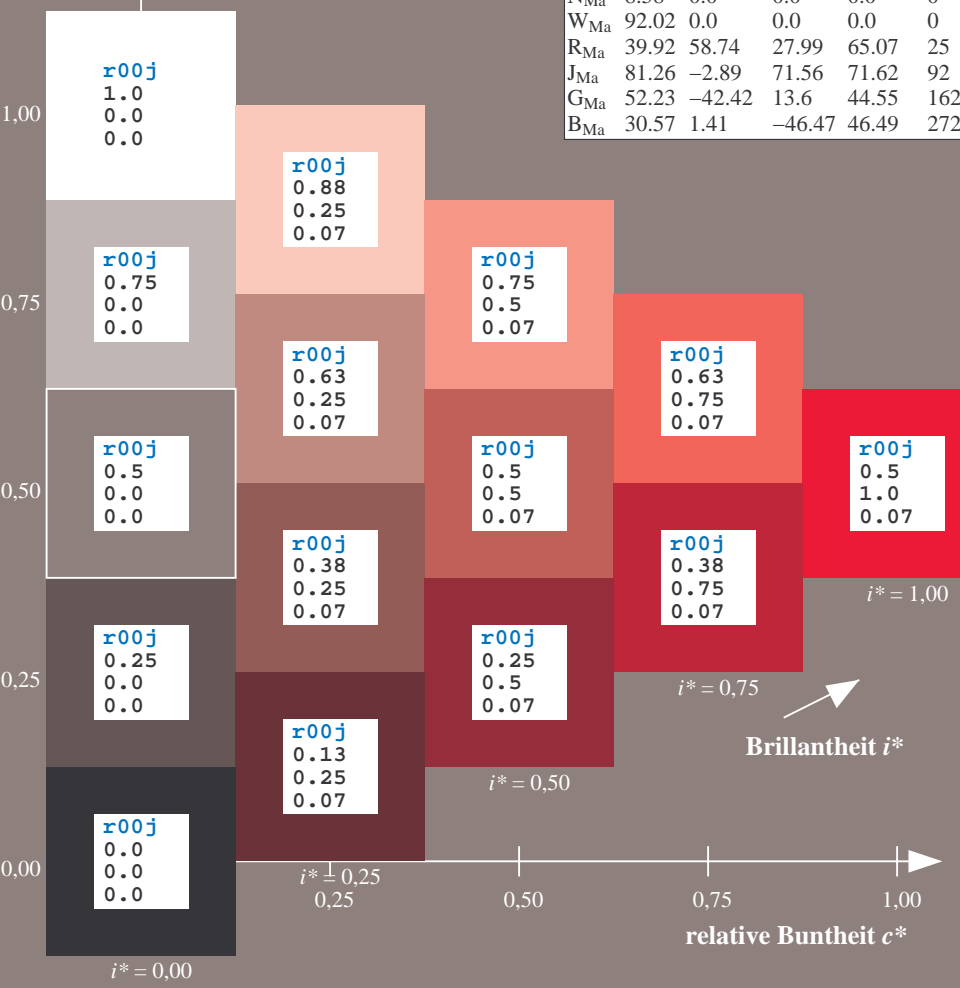
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

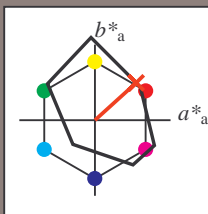
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 55 49

$LAB^*LCH^*_{Ma}$ : 39 74 42

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

$lab^*olv^*_{Ma}$ : 1.0 0.11 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

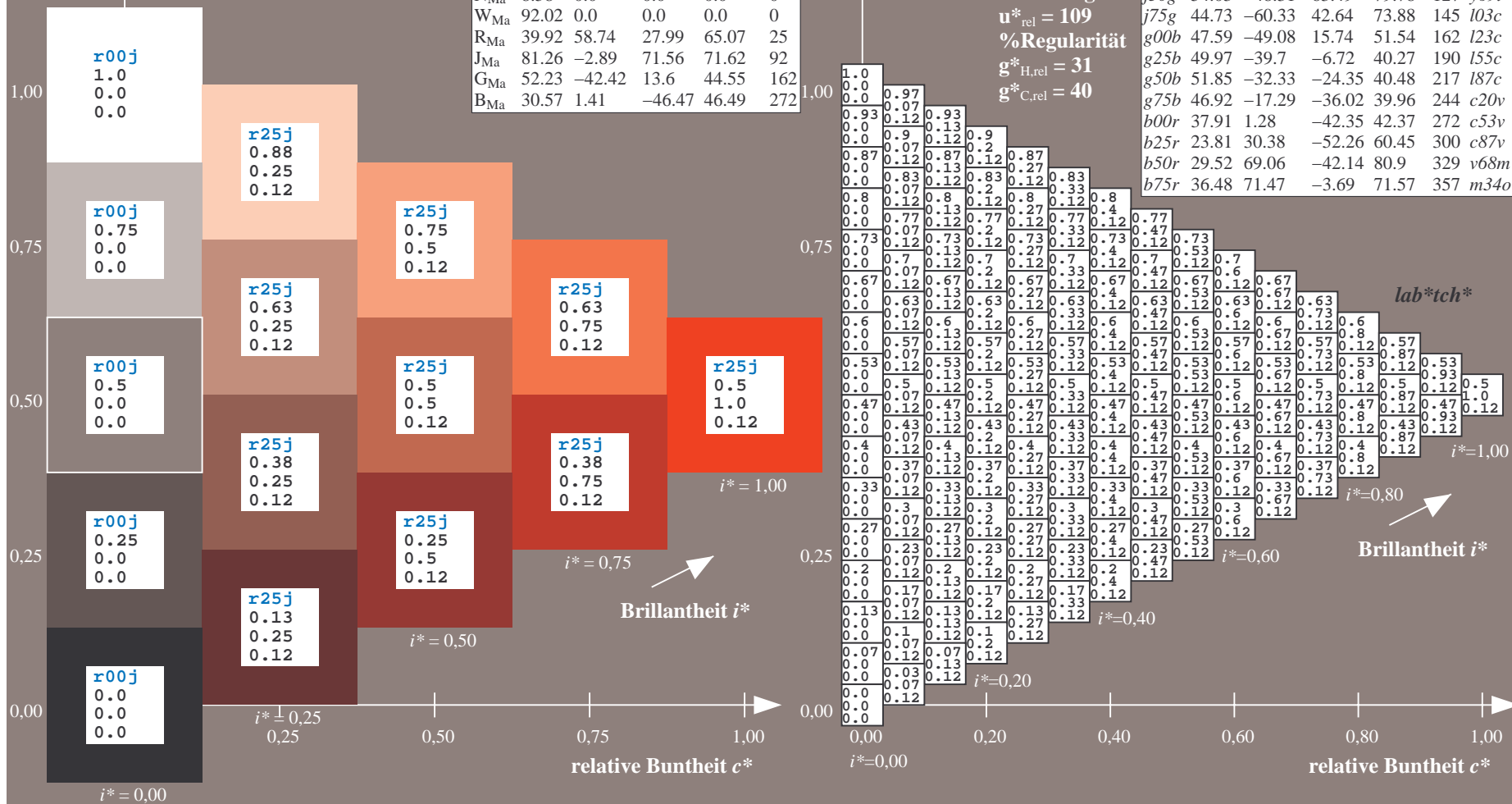
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

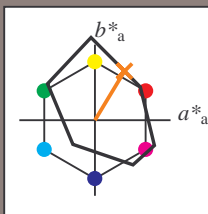
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 51 39 65

$LAB^*LCH^*_{Ma}$ : 51 76 58

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

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

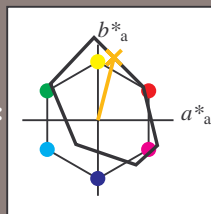
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 64 21 83

$LAB^*LCH^*_{Ma}$ : 64 86 75

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

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

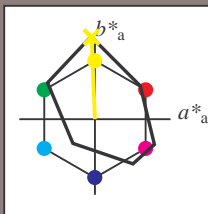
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -4 109

$LAB^*LCH^*_{Ma}$ : 83 109 92

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

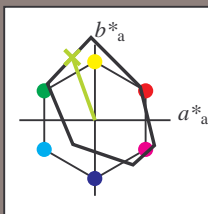
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -30 83

$LAB^*LCH^*_{Ma}$ : 67 88 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

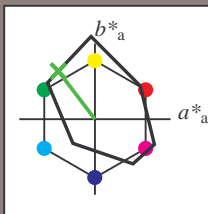
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -48 63

$LAB^*LCH^*_{Ma}$ : 54 80 127

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

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

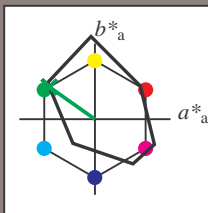
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 45 -60 43

$LAB^*LCH^*_{Ma}$ : 45 74 144

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

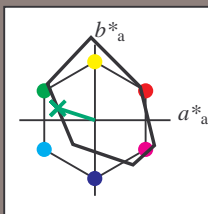
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -49 16

$LAB^*LCH^*_{Ma}$ : 48 52 162

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

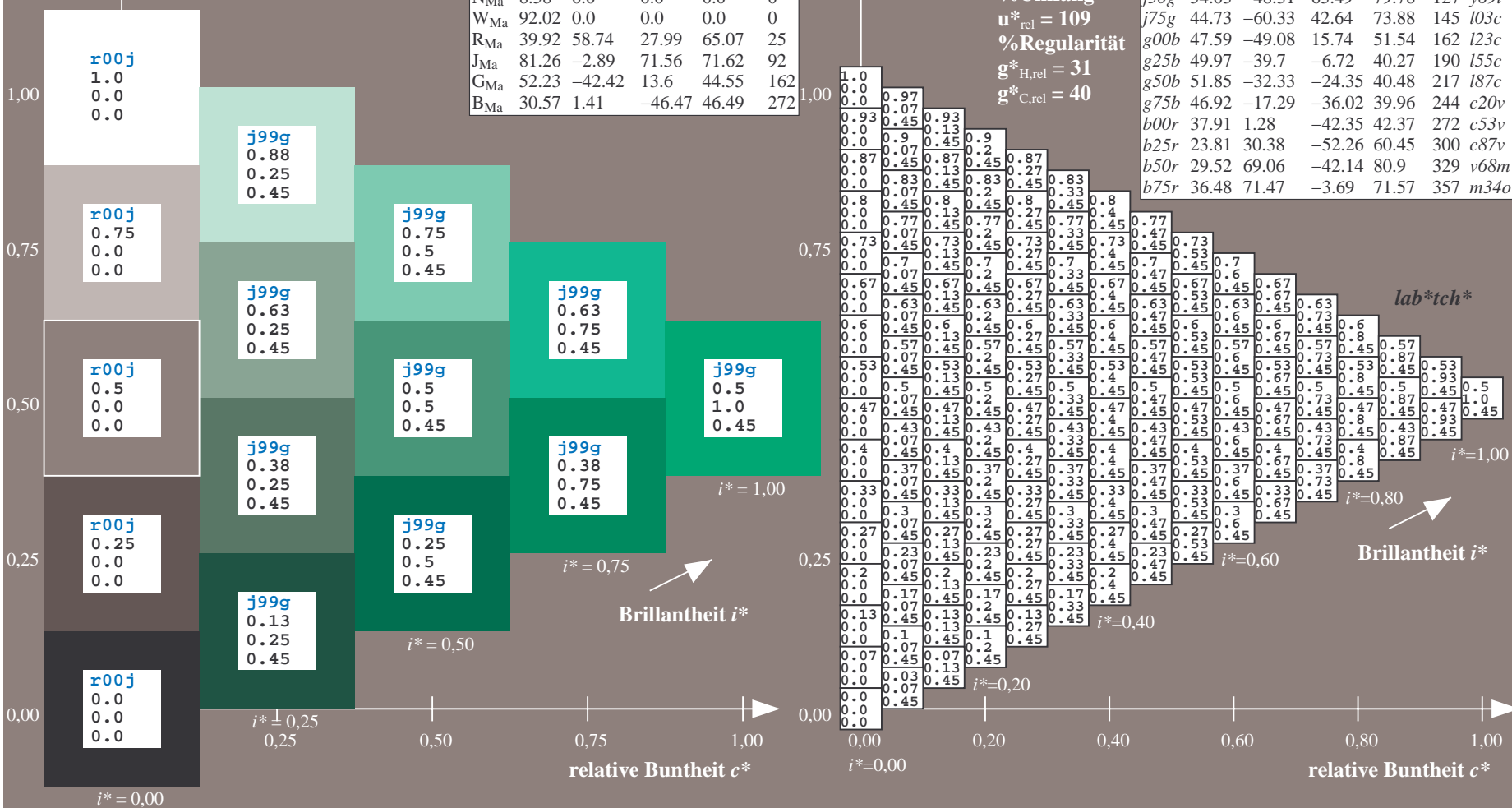
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

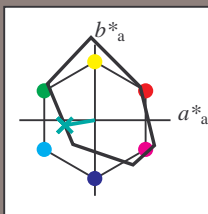
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -40 -7

$LAB^*LCH^*_{Ma}$ : 50 40 189

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

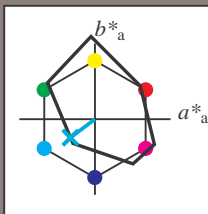
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -32 -24

$LAB^*LCH^*_{Ma}$ : 52 40 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.87

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

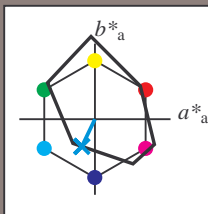
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -17 -36

$LAB^*LCH^*_{Ma}$ : 47 40 244

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

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

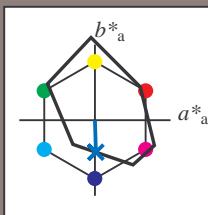
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 1 -42

$LAB^*LCH^*_{Ma}$ : 38 42 271

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

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

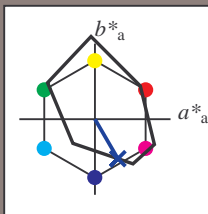
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 24 30 -52

$LAB^*LCH^*_{Ma}$ : 24 60 300

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

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

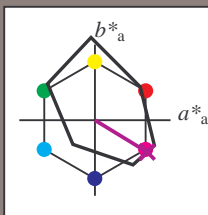
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 69 -42

$LAB^*LCH^*_{Ma}$ : 30 81 328

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

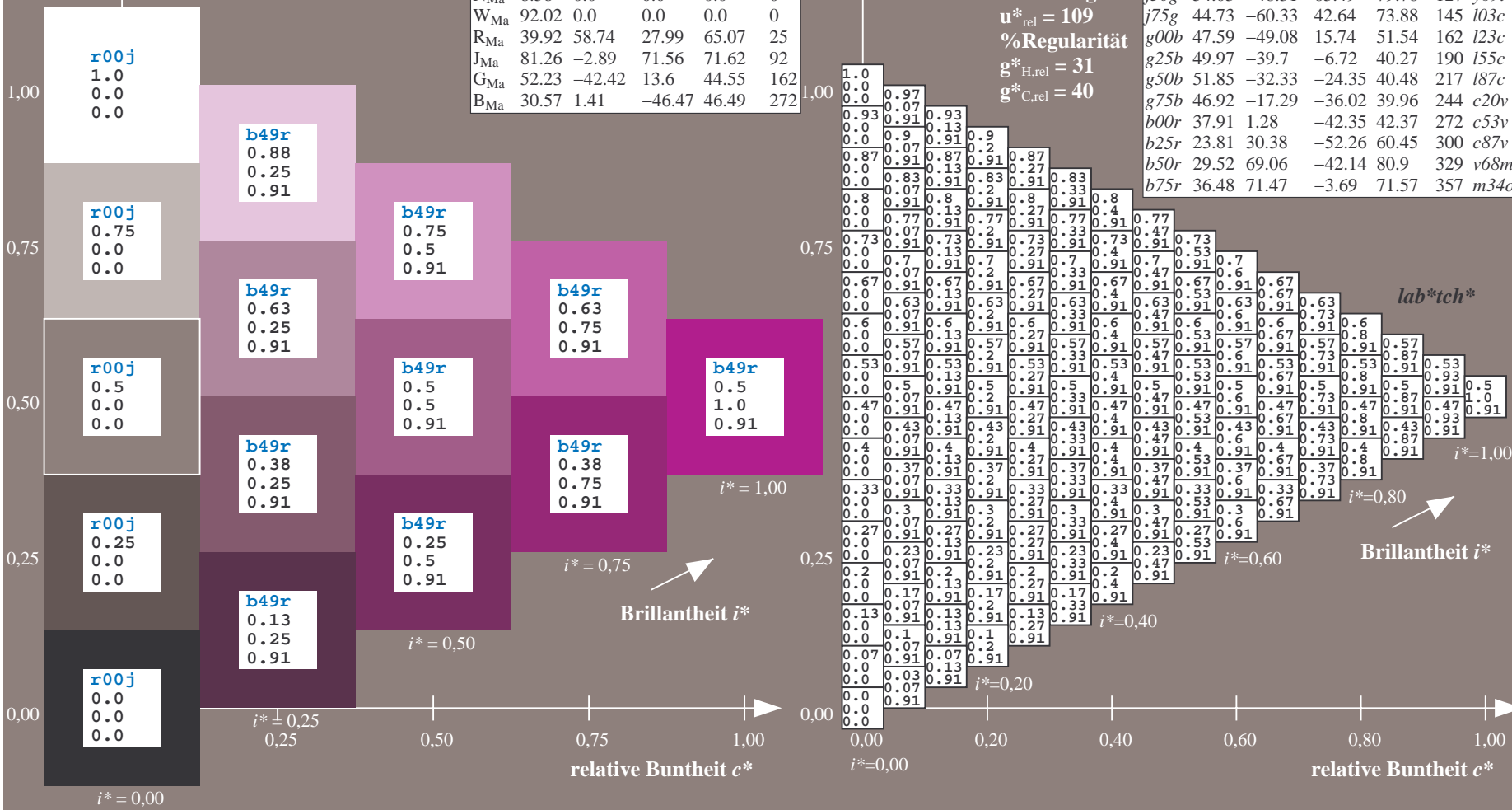
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

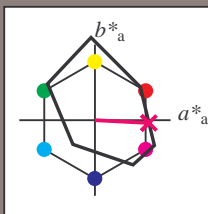
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m34o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 36 71 -4

$LAB^*LCH^*_{Ma}$ : 36 72 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

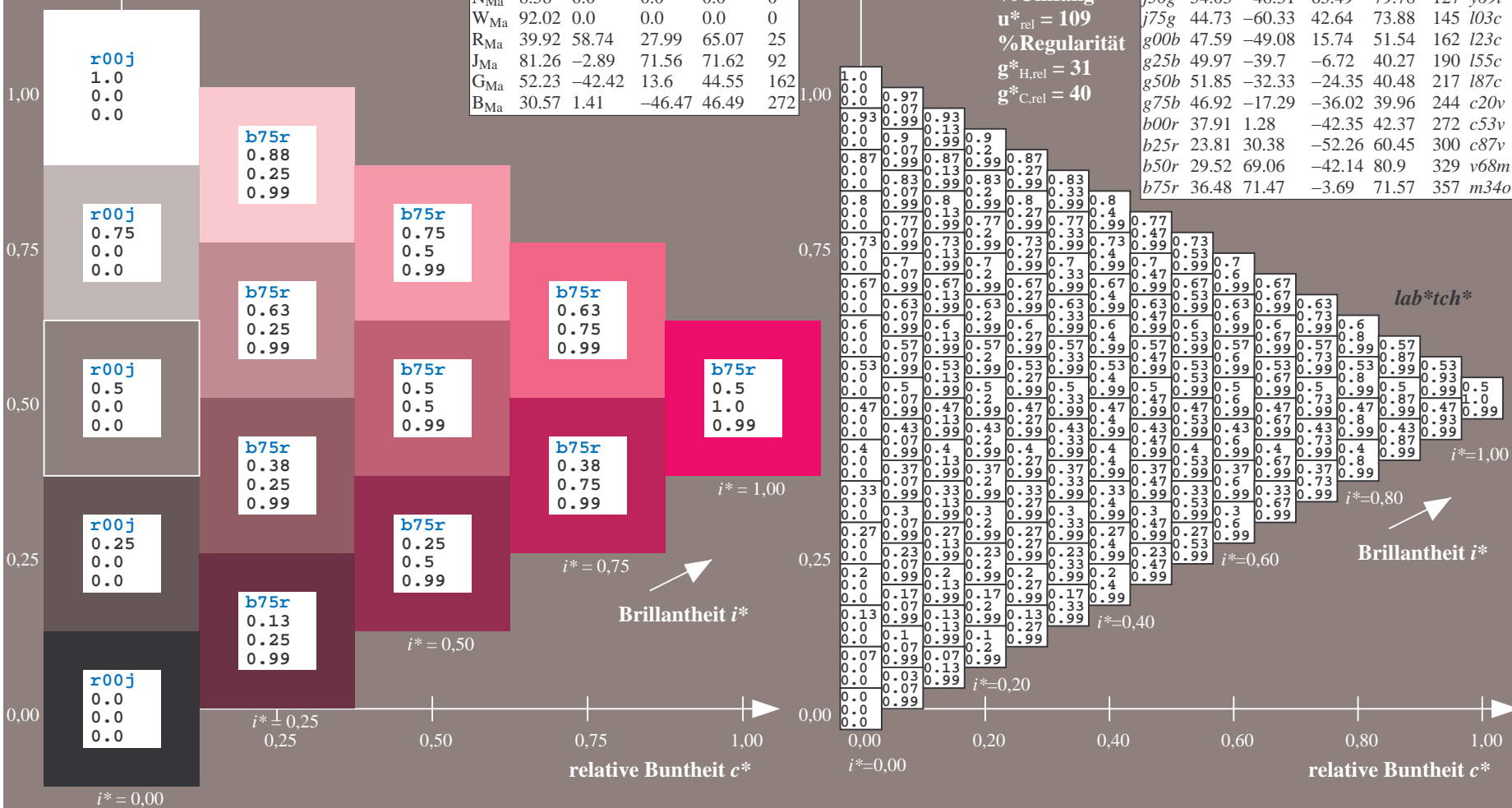
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o







Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15

Elementar-Bunttontext:

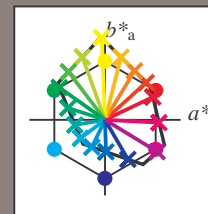
$u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Umfang

$u^*_{rel} = 109$

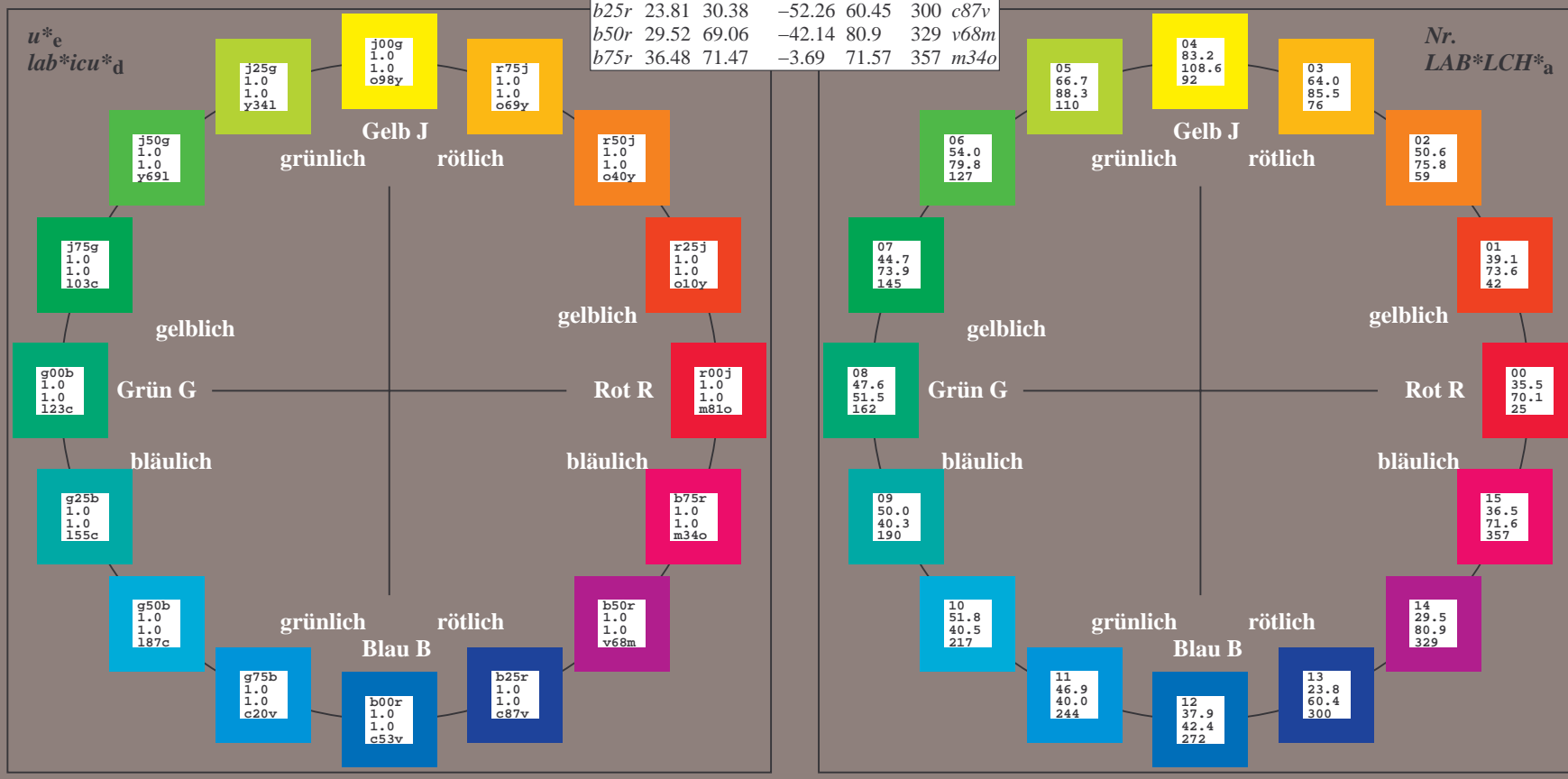
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	92
J <sub>CIE</sub>	81.26	-2.89	71.56	71.62	25
G <sub>CIE</sub>	52.23	-42.42	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

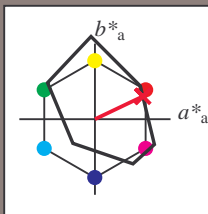
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 35 63 30

$LAB^*LCH^*_{Ma}$ : 35 70 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

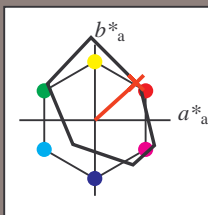
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 55 49

$LAB^*LCH^*_{Ma}$ : 39 74 42

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

$lab^*olv^*_{Ma}$ : 1.0 0.11 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

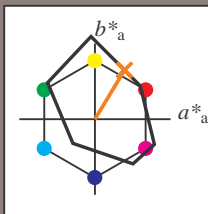
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 51 39 65

$LAB^*LCH^*_{Ma}$ : 51 76 58

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

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

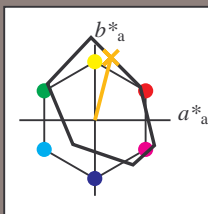
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 64 21 83

$LAB^*LCH^*_{Ma}$ : 64 86 75

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

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

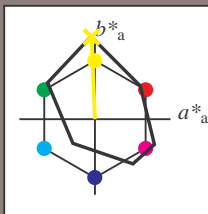
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -4 109

$LAB^*LCH^*_{Ma}$ : 83 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

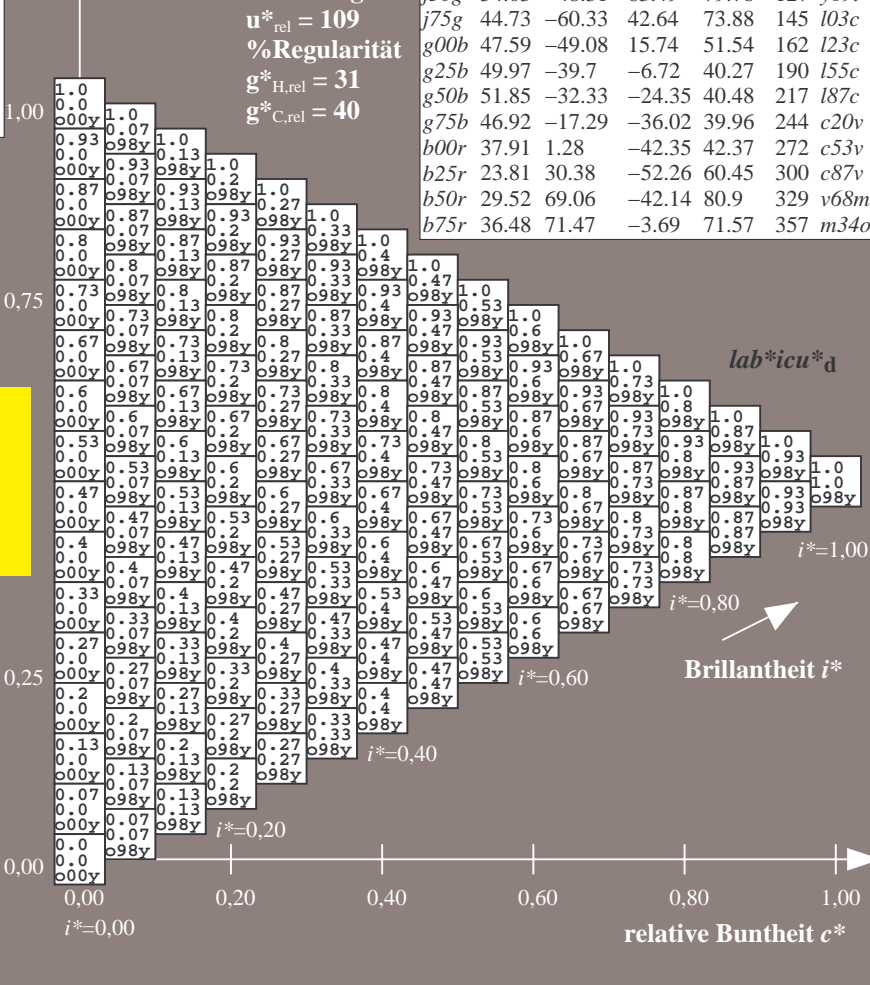
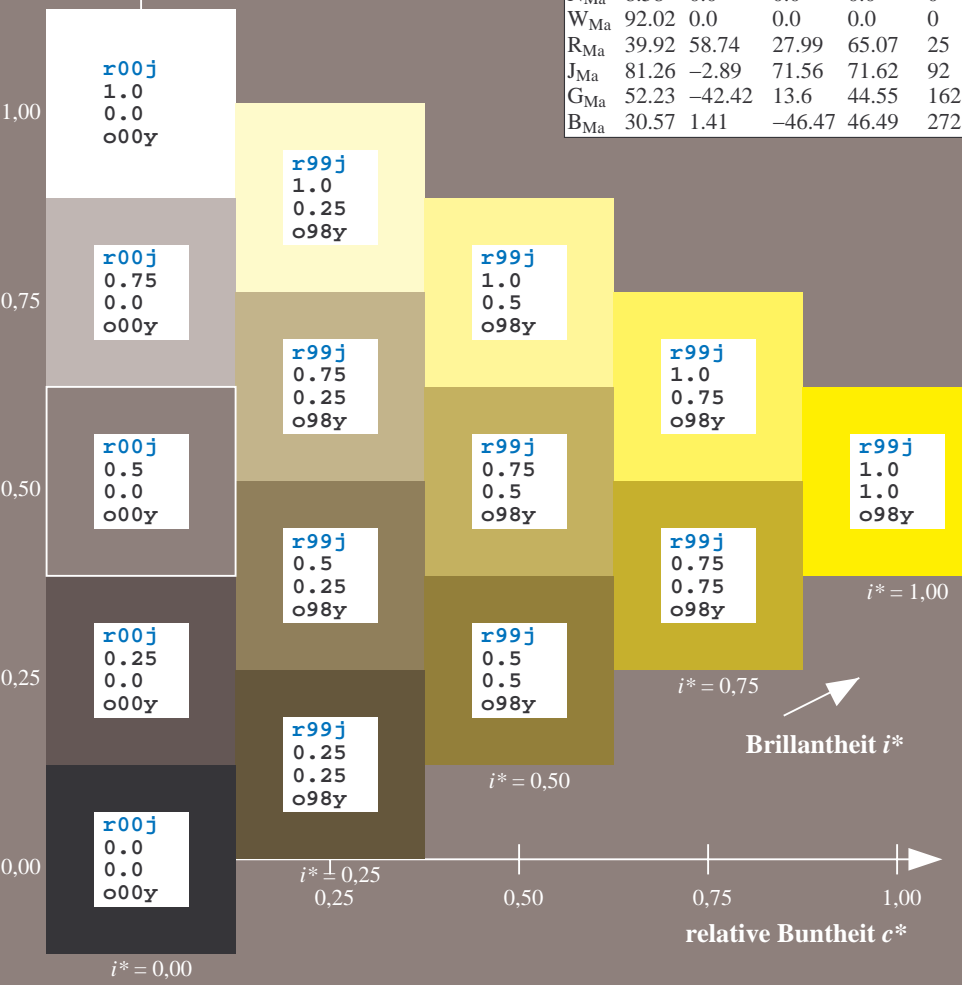
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

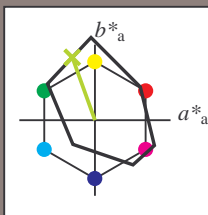
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -30 83

$LAB^*LCH^*_{Ma}$ : 67 88 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

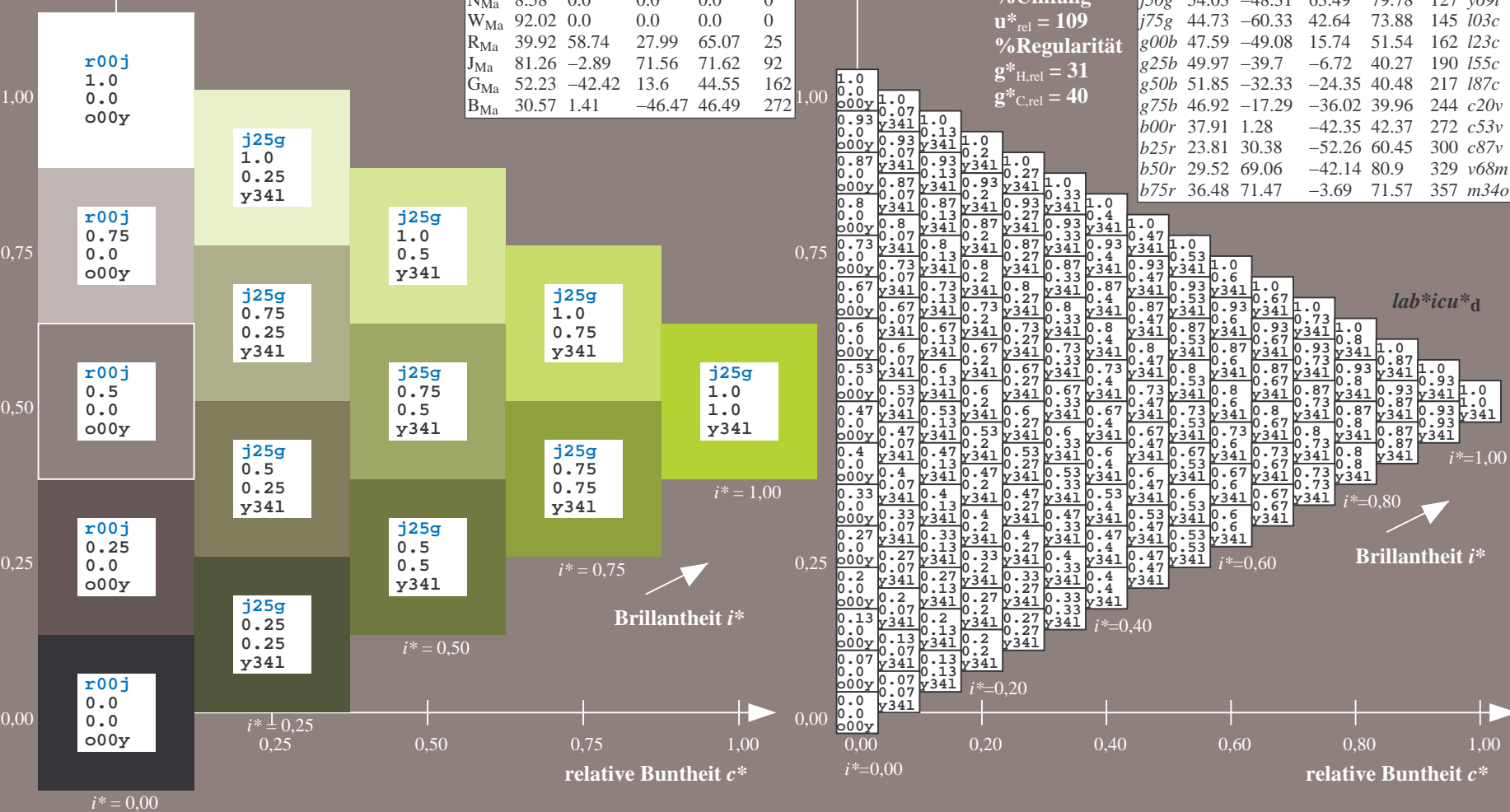
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

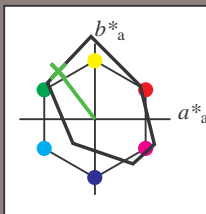
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -48 63

$LAB^*LCH^*_{Ma}$ : 54 80 127

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

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Brillantheit  $i^*$

$i^* = 1.00$

$i^* = 0.75$

$i^* = 0.50$

$i^* = 0.25$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

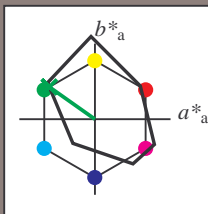
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
W <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
N <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 45 -60 43

$LAB^*LCH^*_{Ma}$ : 45 74 144

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

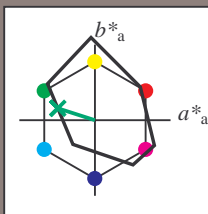
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -49 16

$LAB^*LCH^*_{Ma}$ : 48 52 162

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

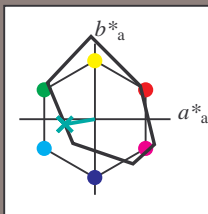
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
W <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
N <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -40 -7

$LAB^*LCH^*_{Ma}$ : 50 40 189

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

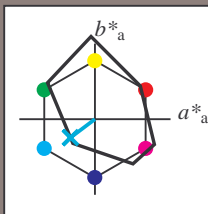
Bunttontexte:

$u^*_e = g50b$   $u^*_d = 187c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -32 -24

$LAB^*LCH^*_{Ma}$ : 52 40 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.87

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

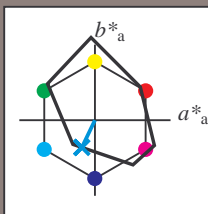
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -17 -36

$LAB^*LCH^*_{Ma}$ : 47 40 244

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

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

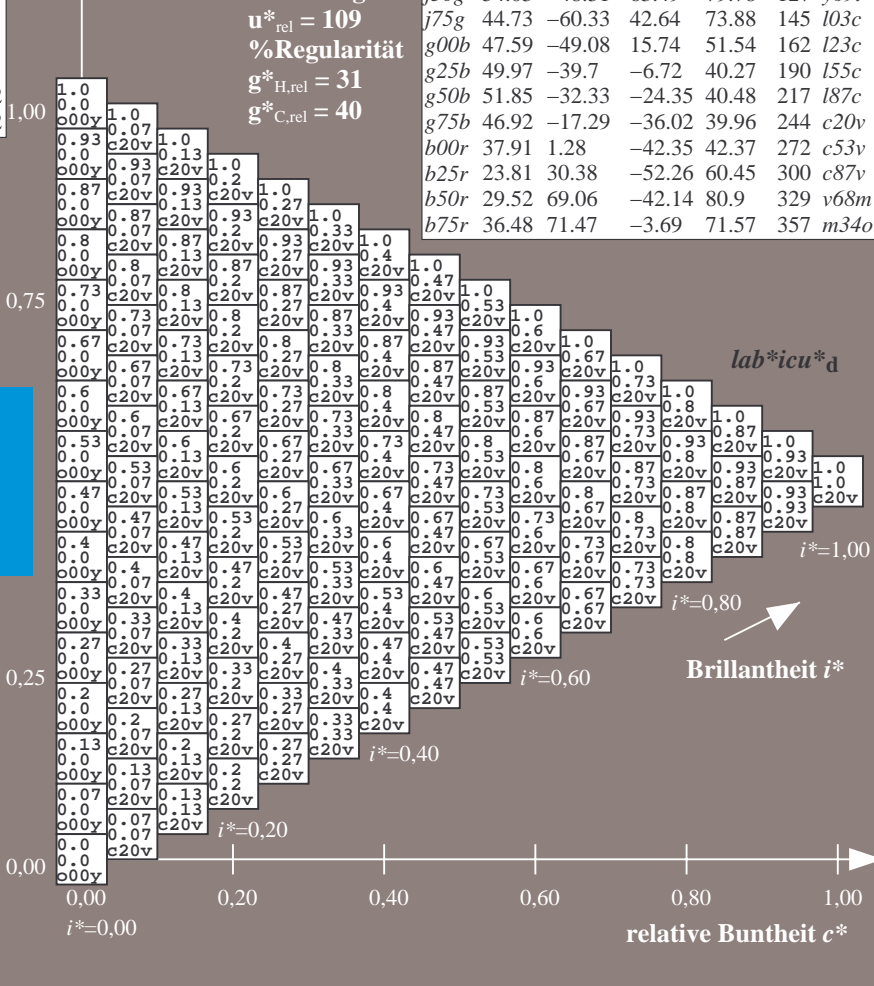
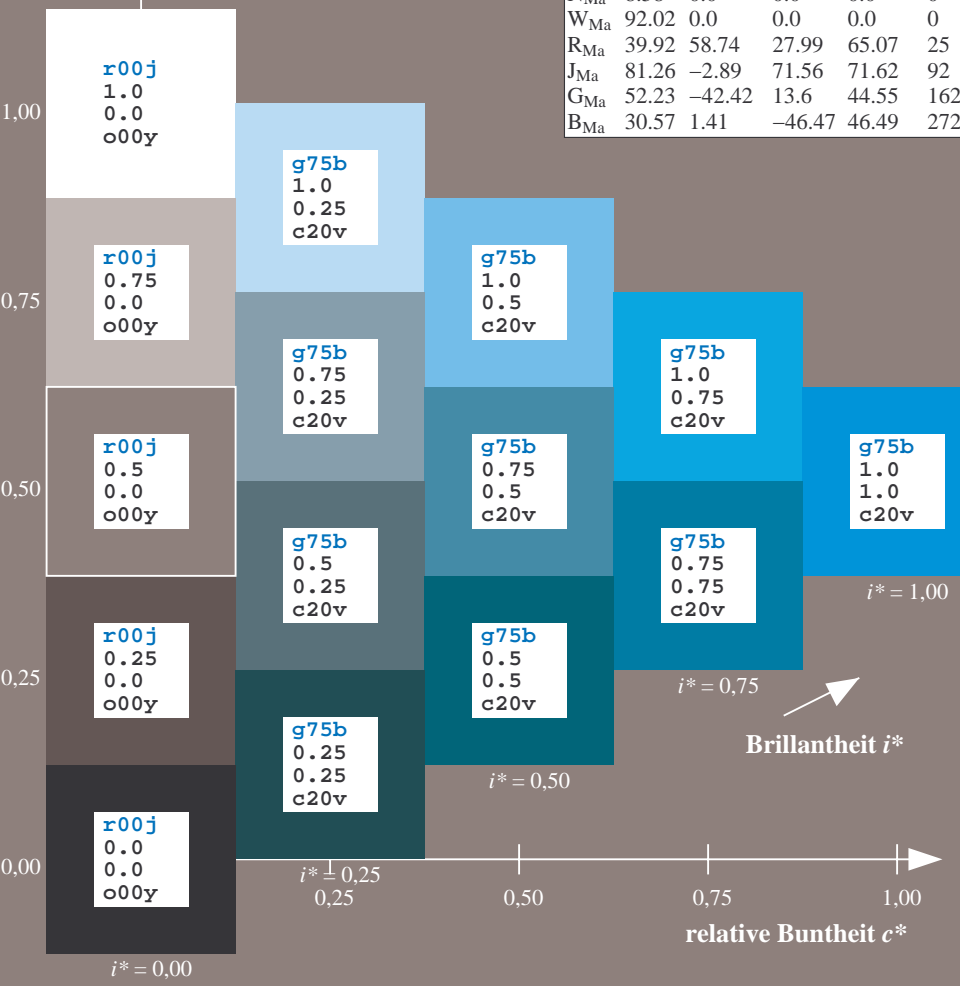
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

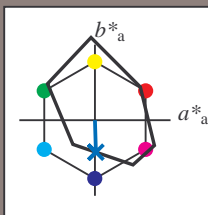
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 1 -42

$LAB^*LCH^*_{Ma}$ : 38 42 271

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

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

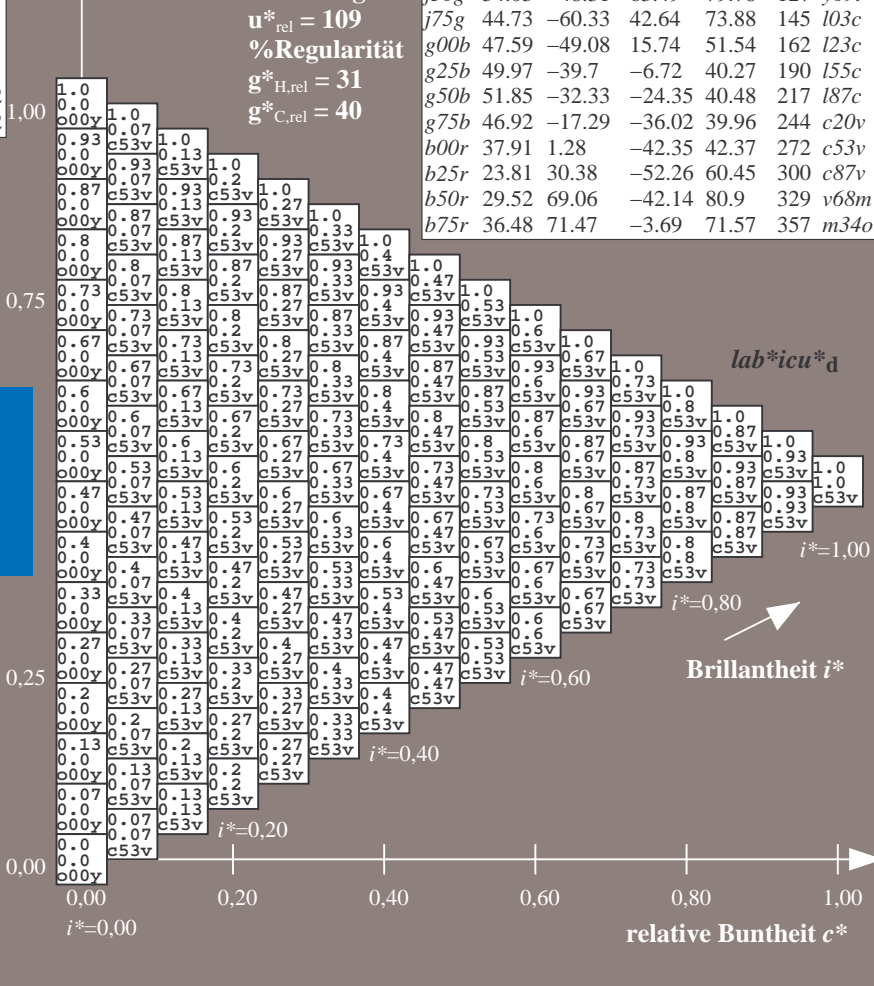
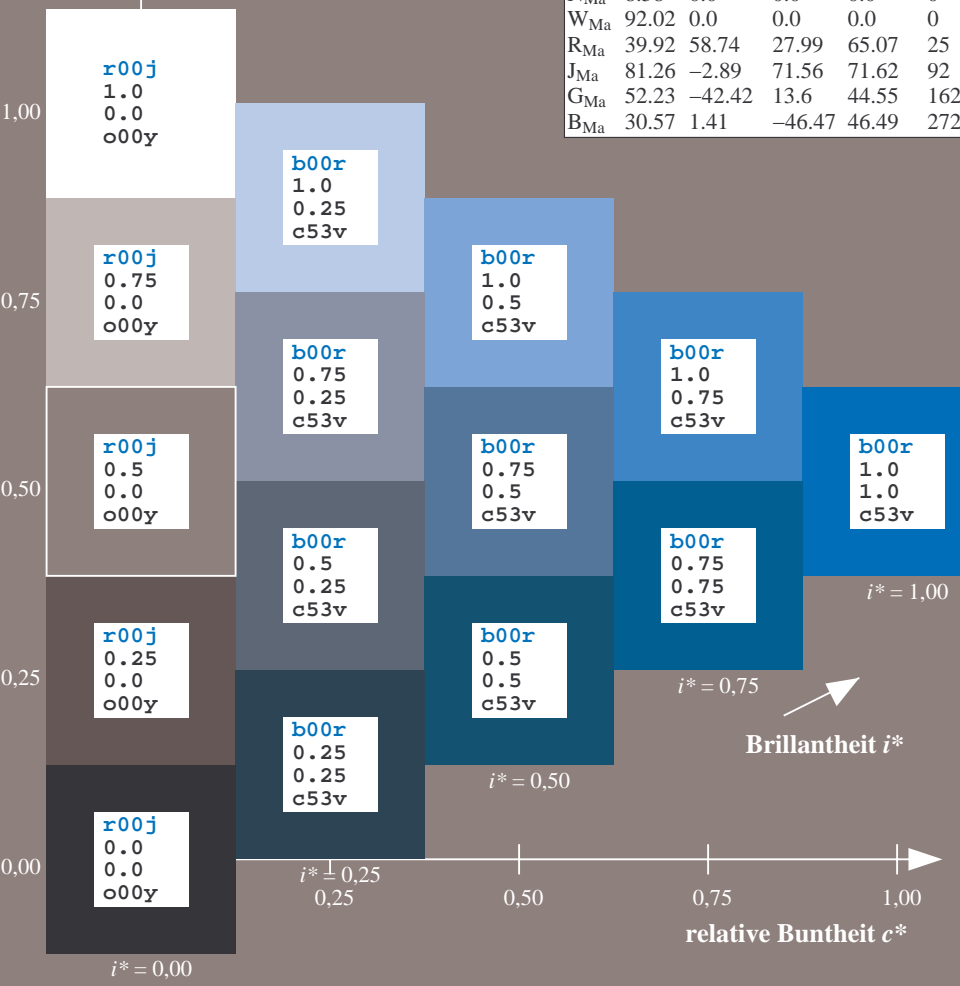
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

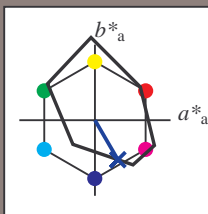
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 24 30 -52

$LAB^*LCH^*_{Ma}$ : 24 60 300

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

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

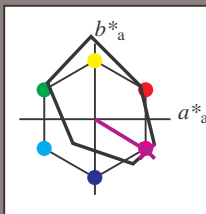
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 69 -42

$LAB^*LCH^*_{Ma}$ : 30 81 328

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Bunttheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

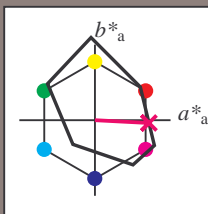
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m34o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	35.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	83.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	44.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	52.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	14.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	37.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	8.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	92.02	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 36 71 -4

$LAB^*LCH^*_{Ma}$ : 36 72 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg36/>; [www.ps.bam.de/Eg36/10L/L36G00NA.PS/.TXT](http://www.ps.bam.de/Eg36/10L/L36G00NA.PS/.TXT)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, Col5px=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,Col5px=0)

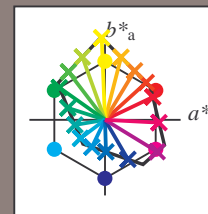
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*icu*d				
0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.13	1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.13	1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.13	1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0		
0.38	0.5	0.63	0.75	0.88	1.0	1.13	1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0			
0.5	0.63	0.75	0.88	1.0	1.13	1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0				
0.63	0.75	0.88	1.0	1.13	1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0					
0.75	0.88	1.0	1.13	1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0						
0.88	1.0	1.13	1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0							
1.0	1.13	1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0								
1.13	1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0									
1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0										
1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0											
1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0												
1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0													
1.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0														
1.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0															
2.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																
2.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																	
2.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																		
2.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																			
2.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																				
2.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																					
2.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																						
2.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																							
3.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																								
3.13	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																									
3.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																										
3.38	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0																										
3.5	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0																										
3.63	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
3.75	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
3.88	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
4.0	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
4.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
4.25	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
4.38	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
4.5	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
4.63	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
4.75	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
4.88	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
5.0	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
5.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
5.25	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
5.38	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
5.5	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
5.63	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
5.75	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
5.88	0.25	0.38	0.5	0.6																																						

Ein und Ausgabe:  
Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS09\_92a; adaptierte CIELAB-Daten

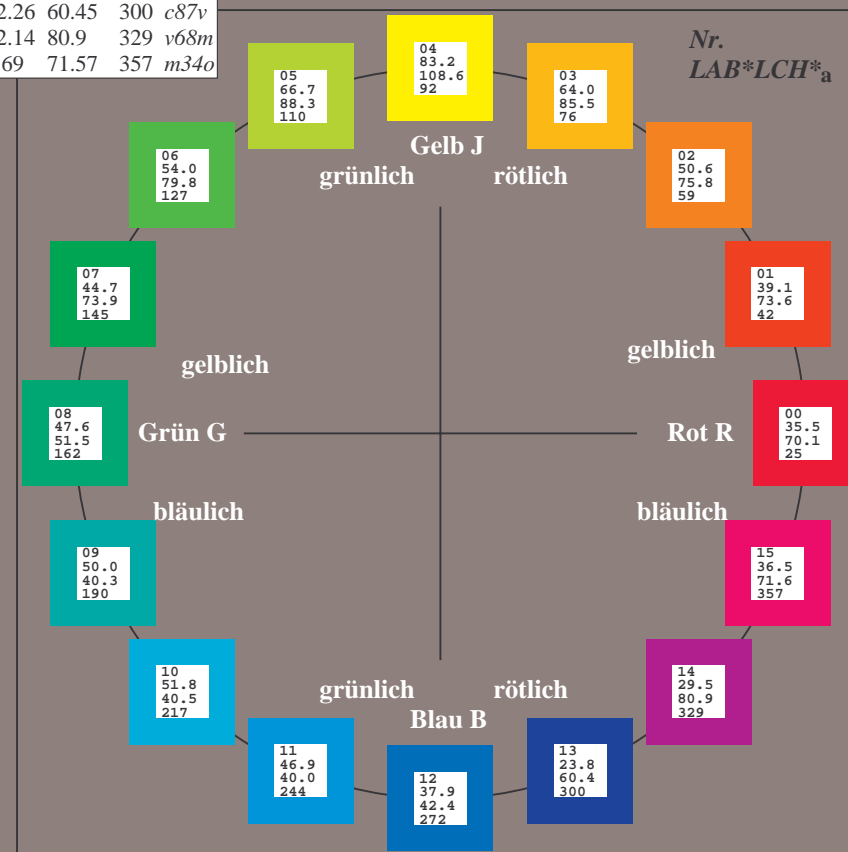
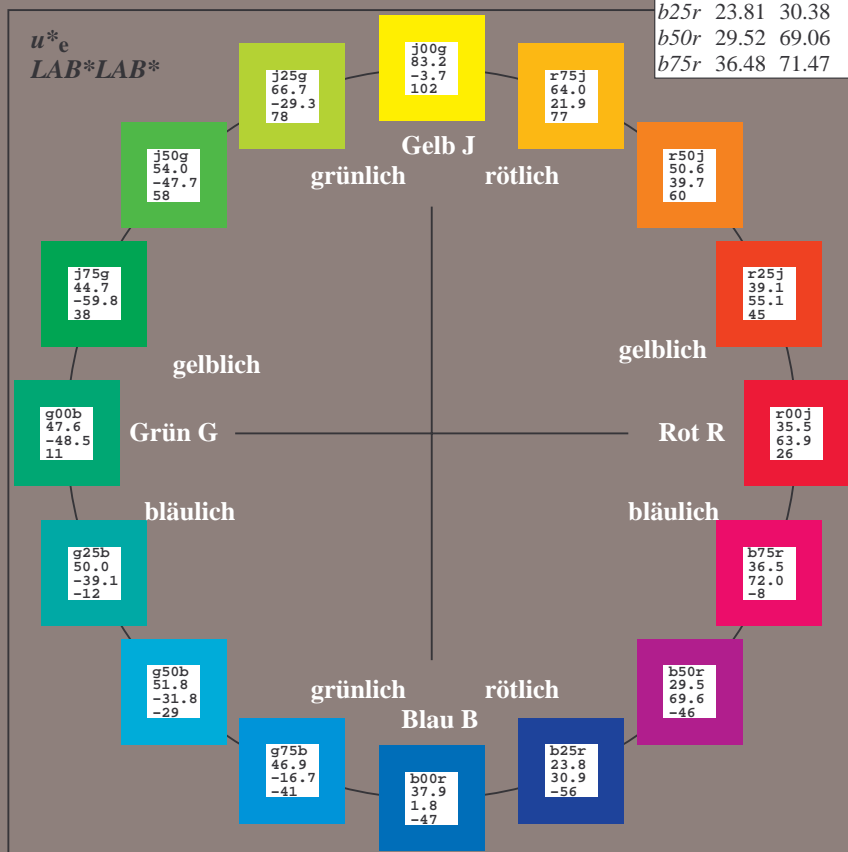
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



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

FRS09\_92; CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab}$	$h^*_{ab}$
$O_M$	35.06	60.53	39.66	72.37	33
$Y_M$	83.77	-4.5	103.15	103.25	92
$L_M$	44.13	-62.11	43.56	75.86	145
$C_M$	52.66	-28.56	-36.99	46.73	232
$V_M$	14.15	50.78	-62.6	80.61	309
$M_M$	37.37	79.18	-37.93	87.8	334
$N_M$	8.58	0.46	-3.35	3.38	278
$W_M$	92.02	0.69	-6.48	6.52	276
$R_{CIE}$	39.92	58.74	27.99	65.07	25
$J_{CIE}$	81.26	-2.89	71.56	71.62	92
$G_{CIE}$	52.23	-42.42	13.6	44.55	162
$B_{CIE}$	30.57	1.41	-46.47	46.49	272





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

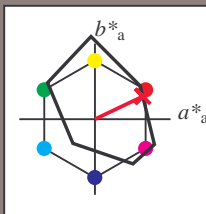
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 35 63 30

$LAB^*LCH^*Ma$ : 35 70 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

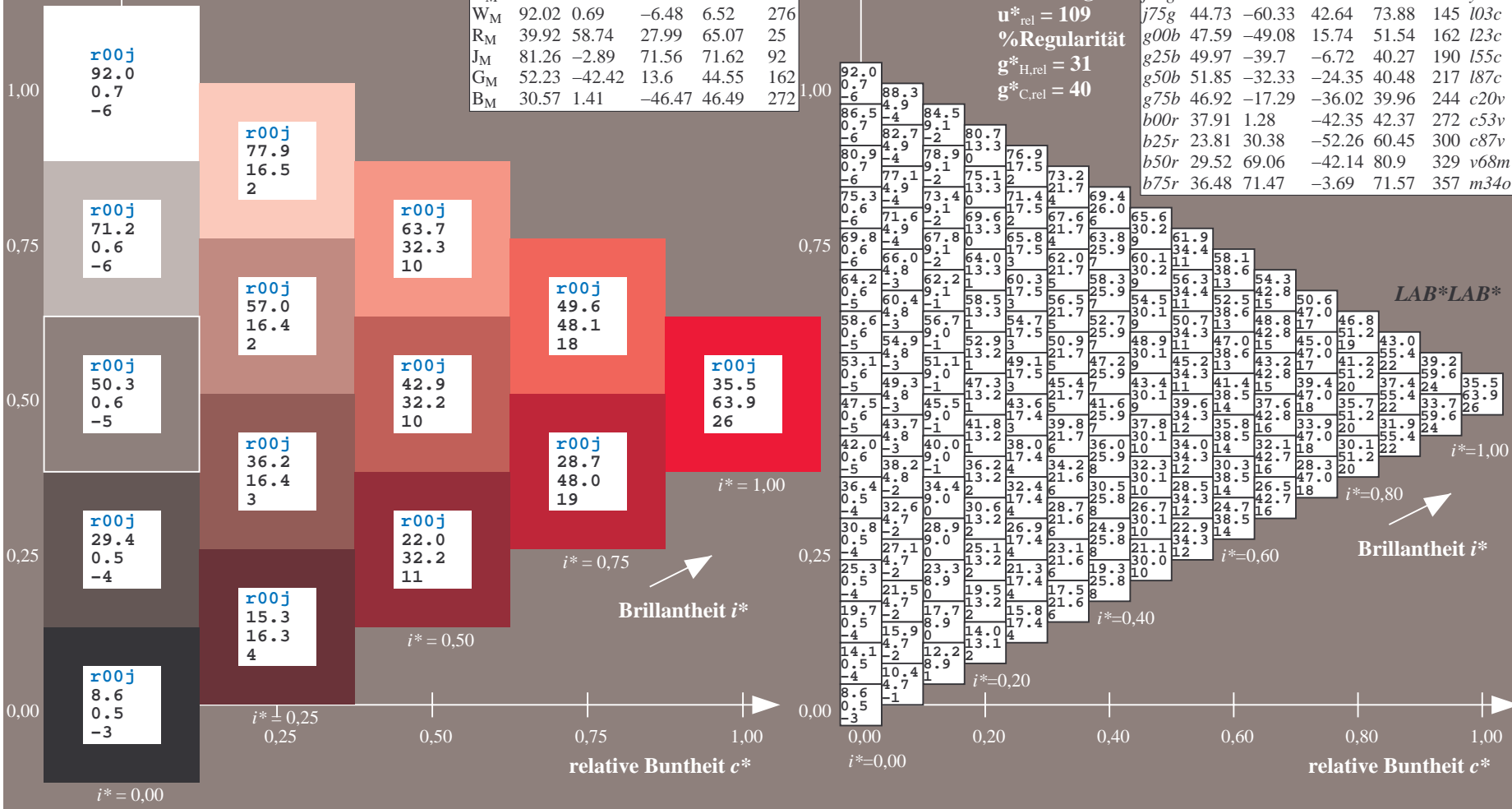
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

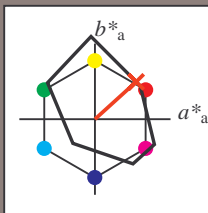
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 39 55 49

$LAB^*LCH^*Ma$ : 39 74 42

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

$lab^*olv^*Ma$ : 1.0 0.11 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

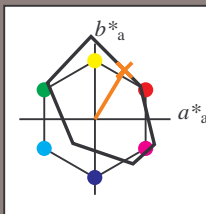
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 51 39 65

$LAB^*LCH^*Ma$ : 51 76 58

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

$lab^*olv^*Ma$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
r50g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

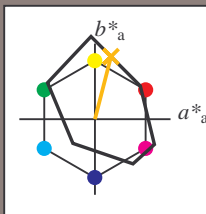
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 64 21 83

$LAB^*LCH^*Ma$ : 64 86 75

$lab^*rgb^*Ma$ : 1.0 0.75 0.0

$lab^*olv^*Ma$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

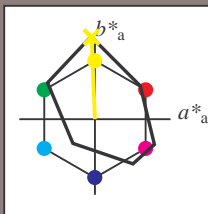
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 83 -4 109

$LAB^*LCH^*Ma$ : 83 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative Buntheit  $c^*$

$i^*=0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

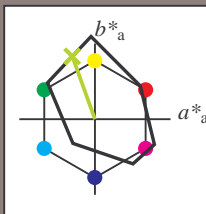
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 67 -30 83

$LAB^*LCH^*Ma$ : 67 88 109

$lab^*rgb^*Ma$ : 0.75 1.0 0.0

$lab^*olv^*Ma$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

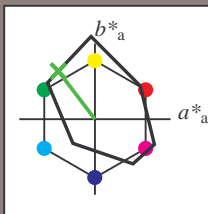
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 54 -48 63$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 54 80 127$

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}: 0.3 1.0 0.0$

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$\text{LAB}^*\text{LAB}^*$

$i^* = 1.00$

Brillantheit  $i^*$

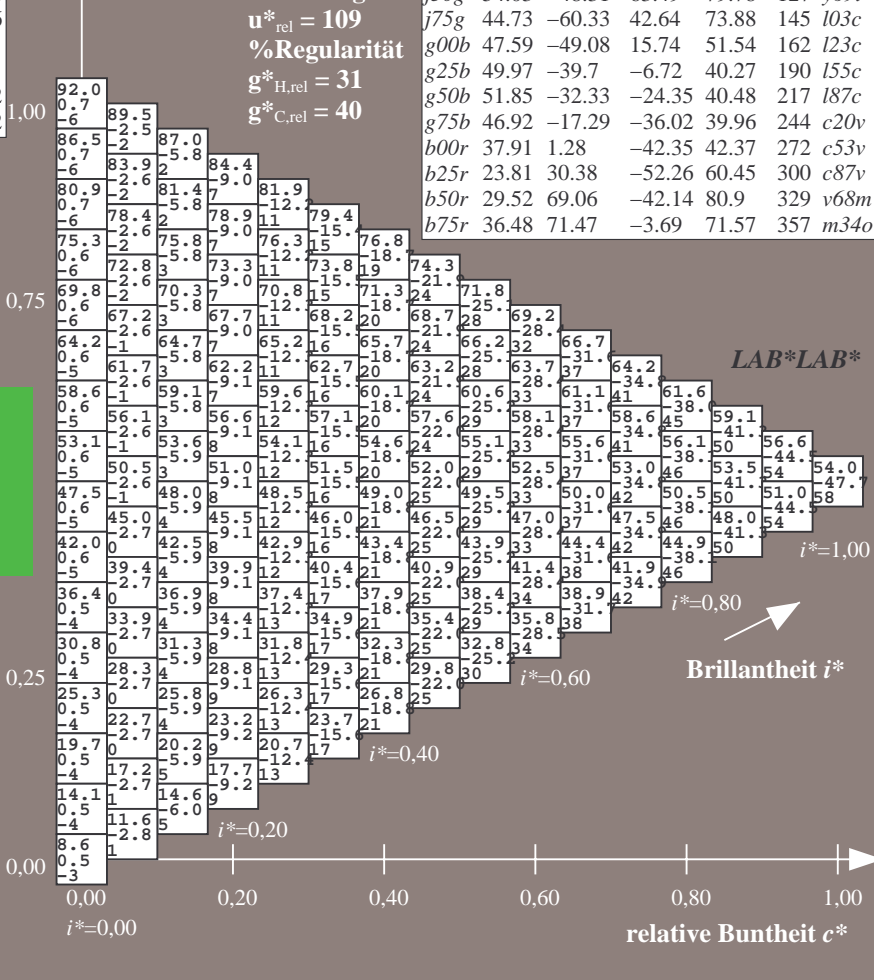
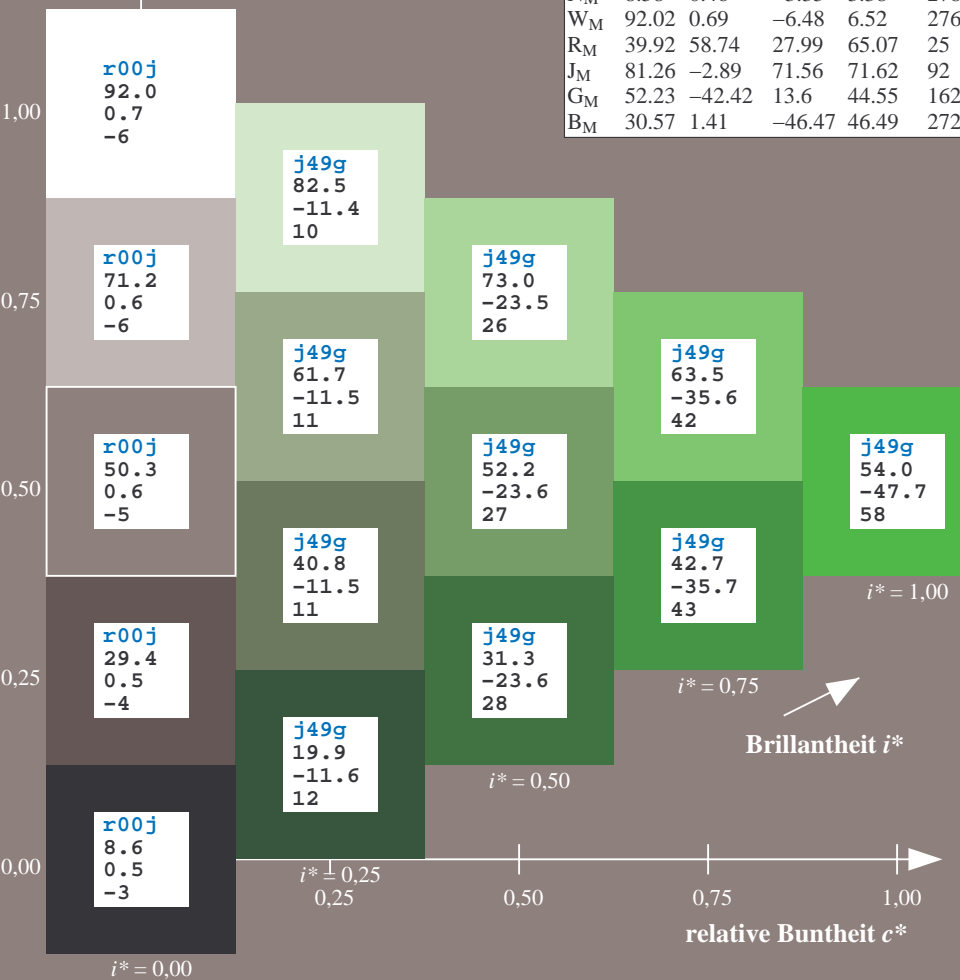
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

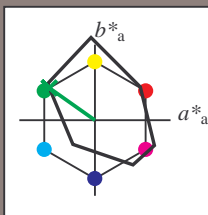
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 45 -60 43

$LAB^*LCH^*Ma$ : 45 74 144

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

$lab^*olv^*Ma$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

$u^*_e = j75g$   
 $LAB^*LAB^*$

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

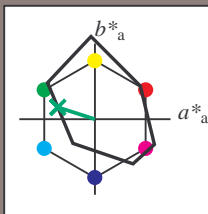
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 48 -49 16

$LAB^*LCH^*Ma$ : 48 52 162

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

$lab^*olv^*Ma$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

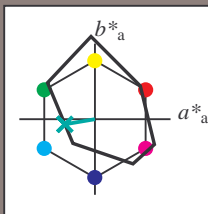
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -40 -7

$LAB^*LCH^*_{Ma}$ : 50 40 189

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

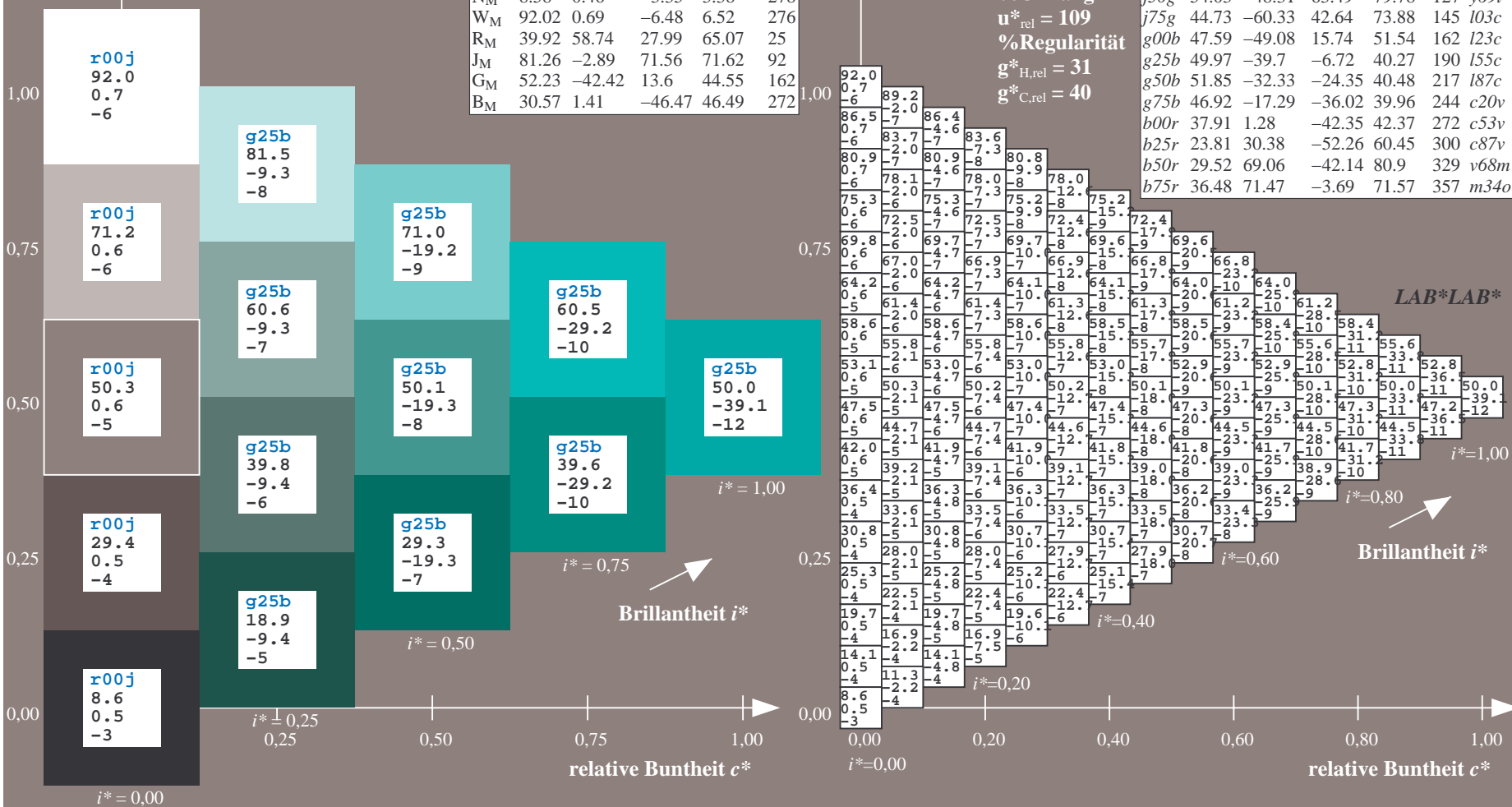
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

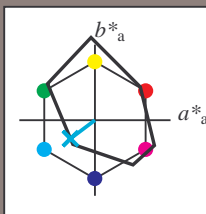
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -32 -24

$LAB^*LCH^*_{Ma}$ : 52 40 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.87

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

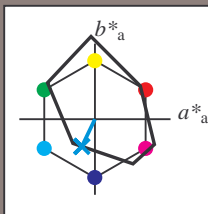
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -17 -36

$LAB^*LCH^*_{Ma}$ : 47 40 244

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

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

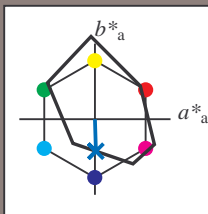
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 1 -42

$LAB^*LCH^*_{Ma}$ : 38 42 271

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

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

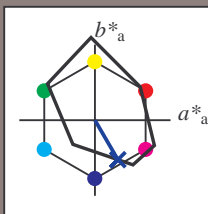
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 24 30 -52

$LAB^*LCH^*Ma$ : 24 60 300

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

$lab^*olv^*Ma$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

$u^*_e = b25r$   
 $LAB^*LAB^*$

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^* = 1.00$

$i^* = 0.80$

Brillantheit  $i^*$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

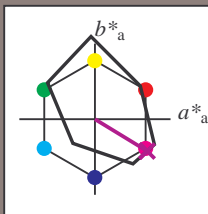
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 30 69 -42

$LAB^*LCH^*Ma$ : 30 81 328

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

$lab^*olv^*Ma$ : 0.69 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^* = 1.00$

$i^* = 0.80$

Brillantheit  $i^*$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

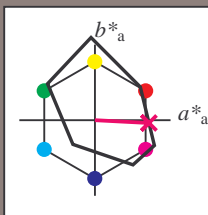
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m34o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 36 71 -4

$LAB^*LCH^*_{Ma}$ : 36 72 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

$u^*_e = b75r$

$LAB^*LAB^*$

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*LAB^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg36/>; [www.ps.bam.de/Eg36/](http://www.ps.bam.de/Eg36/); [www.ps.bam.de/Eg36/](http://www.ps.bam.de/Eg36/)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1.1, ColSp=0](http://www.ps.bam.de/Version%202.1,%20io=1.1,%20ColSp=0)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
01	8.6	13.0	17.5	21.9	26.4	30.8	35.2	39.7	44.1	48.5	52.9	57.3	61.7	66.1	70.5	74.9	79.3	83.7	88.1	92.5	96.9	101.3	105.7	110.1	114.5	118.9	123.3	127.7	132.1	136.5	140.9	145.3	149.7	154.1	158.5	162.9	167.3	171.7	176.1	180.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
02	0.5	-7.4	-15.2	-23.0	-30.8	-38.6	-46.4	-54.2	-62.0	-69.8	-77.6	-85.4	-93.2	-101.0	-108.8	-116.6	-124.4	-132.2	-140.0	-147.8	-155.6	-163.4	-171.2	-179.0	-186.8	-194.6	-202.4	-210.2	-218.0	-225.8	-233.6	-241.4	-249.2	-257.0	-264.8	-272.6	-280.4	-288.2	-296.0	-303.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
03	9.3	14.1	18.8	23.5	28.2	32.9	37.6	42.3	47.0	51.7	56.4	61.1	65.8	70.5	75.2	79.9	84.6	89.3	94.0	98.7	103.4	108.1	112.8	117.5	122.2	126.9	131.6	136.3	141.0	145.7	150.4	155.1	159.8	164.5	169.2	173.9	178.6	183.3	188.0	192.7	197.4	202.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
04	6.8	-3.2	-9.8	-16.6	-23.7	-31.0	-38.4	-45.9	-53.4	-60.9	-68.4	-75.9	-83.4	-90.9	-98.4	-105.9	-113.4	-120.9	-128.4	-135.9	-143.4	-150.9	-158.4	-165.9	-173.4	-180.9	-188.4	-195.9	-203.4	-210.9	-218.4	-225.9	-233.4	-240.9	-248.4	-255.9	-263.4	-270.9	-278.4	-285.9	-293.4	-300.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
05	-11	-8	-5	-1	3	8	12	17	23	28	33	38	43	48	53	58	63	68	73	78	83	88	93	98	103	108	113	118	123	128	133	138	143	148	153	158	163	168	173	178	183	188	193	198	203																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
06	10.0	16.2	19.6	24.4	29.1	33.8	38.5	43.1	47.8	52.5	57.2	61.9	66.6	71.3	76.0	80.7	85.4	90.1	94.8	99.5	104.2	108.9	113.6	118.3	123.0	127.7	132.4	137.1	141.8	146.5	151.2	155.9	160.6	165.3	170.0	174.7	179.4	184.1	188.8	193.5	198.2	202.9	207.6	212.3	217.0	221.7	226.4	231.1	235.8	240.5	245.2	249.9	254.6	259.3	264.0	268.7	273.4	278.1	282.8	287.5	292.2	296.9	301.6	306.3	311.0	315.7	320.4	325.1	329.8	334.5	339.2	343.9	348.6	353.3	358.0	362.7	367.4	372.1	376.8	381.5	386.2	390.9	395.6	400.3	405.0	409.7	414.4	419.1	423.8	428.5	433.2	437.9	442.6	447.3	452.0	456.7	461.4	466.1	470.8	475.5	480.2	484.9	489.6	494.3	499.0	503.7	508.4	513.1	517.8	522.5	527.2	531.9	536.6	541.3	546.0	550.7	555.4	560.1	564.8	569.5	574.2	578.9	583.6	588.3	593.0	597.7	602.4	607.1	611.8	616.5	621.2	625.9	630.6	635.3	640.0	644.7	649.4	654.1	658.8	663.5	668.2	672.9	677.6	682.3	687.0	691.7	696.4	701.1	705.8	710.5	715.2	719.9	724.6	729.3	734.0	738.7	743.4	748.1	752.8	757.5	762.2	766.9	771.6	776.3	781.0	785.7	790.4	795.1	799.8	804.5	809.2	813.9	818.6	823.3	828.0	832.7	837.4	842.1	846.8	851.5	856.2	860.9	865.6	870.3	875.0	879.7	884.4	889.1	893.8	898.5	903.2	907.9	912.6	917.3	922.0	926.7	931.4	936.1	940.8	945.5	950.2	954.9	959.6	964.3	969.0	973.7	978.4	983.1	987.8	992.5	997.2	1001.9	1006.6	1011.3	1016.0	1020.7	1025.4	1030.1	1034.8	1039.5	1044.2	1048.9	1053.6	1058.3	1063.0	1067.7	1072.4	1077.1	1081.8	1086.5	1091.2	1095.9	1100.6	1105.3	1110.0	1114.7	1119.4	1124.1	1128.8	1133.5	1138.2	1142.9	1147.6	1152.3	1157.0	1161.7	1166.4	1171.1	1175.8	1180.5	1185.2	1189.9	1194.6	1199.3	1204.0	1208.7	1213.4	1218.1	1222.8	1227.5	1232.2	1236.9	1241.6	1246.3	1251.0	1255.7	1260.4	1265.1	1269.8	1274.5	1279.2	1283.9	1288.6	1293.3	1298.0	1302.7	1307.4	1312.1	1316.8	1321.5	1326.2	1330.9	1335.6	1340.3	1345.0	1349.7	1354.4	1359.1	1363.8	1368.5	1373.2	1377.9	1382.6	1387.3	1392.0	1396.7	1401.4	1406.1	1410.8	1415.5	1420.2	1424.9	1429.6	1434.3	1439.0	1443.7	1448.4	1453.1	1457.8	1462.5	1467.2	1471.9	1476.6	1481.3	1486.0	1490.7	1495.4	1500.1	1504.8	1509.5	1514.2	1518.9	1523.6	1528.3	1533.0	1537.7	1542.4	1547.1	1551.8	1556.5	1561.2	1565.9	1570.6	1575.3	1579.9	1584.6	1589.3	1594.0	1598.7	1603.4	1608.1	1612.8	1617.5	1622.2	1626.9	1631.6	1636.3	1641.0	1645.7	1650.4	1655.1	1659.8	1664.5	1669.2	1673.9	1678.6	1683.3	1688.0	1692.7	1697.4	1702.1	1706.8	1711.5	1716.2	1720.9	1725.6	1730.3	1735.0	1739.7	1744.4	1749.1	1753.8	1758.5	1763.2	1767.9	1772.6	1777.3	1782.0	1786.7	1791.4	1796.1	1800.8	1805.5	1810.2	1814.9	1819.6	1824.3	1829.0	1833.7	1838.4	1843.1	1847.8	1852.5	1857.2	1861.9	1866.6	1871.3	1876.0	1880.7	1885.4	1890.1	1894.8	1899.5	1904.2	1908.9	1913.6	1918.3	1923.0	1927.7	1932.4	1937.1	1941.8	1946.5	1951.2	1955.9	1960.6	1965.3	1970.0	1974.7	1979.4	1984.1	1988.8	1993.5	1998.2	2002.9	2007.6	2012.3	2017.0	2021.7	2026.4	2031.1	2035.8	2040.5	2045.2	2049.9	2054.6	2059.3	2064.0	2068.7	2073.4	2078.1	2082.8	2087.5	2092.2	2096.9	2101.6	2106.3	2111.0	2115.7	2120.4	2125.1	2129.8	2134.5	2139.2	2143.9	2148.6	2153.3	2158.0	2162.7	2167.4	2172.1	2176.8	2181.5	2186.2	2190.9	2195.6	2200.3	2205.0	2209.7	2214.4	2219.1	2223.8	2228.5	2233.2	2237.9	2242.6	2247.3	2252.0	2256.7	2261.4	2266.1	2270.8	2275.5	2280.2	2284.9	2289.6	2294.3	2299.0	2303.7	2308.4	2313.1	2317.8	2322.5	2327.2	2331.9	2336.6	2341.3	2346.0	2350.7	2355.4	2360.1	2364.8	2369.5	2374.2	2378.9	2383.6	2388.3	2393.0	2397.7	2402.4	2407.1	2411.8	2416.5	2421.2	2425.9	2430.6	2435.3	2440.0	2444.7	2449.4	2454.1	2458.8	2463.5	2468.2	2472.9	2477.6	2482.3	2487.0	2491.7	2496.4	2501.1	2505.8	2510.5	2515.2	2519.9	2524.6	2529.3	2534.0	2538.7	2543.4	2548.1	2552.8	2557.5	2562.2	2566.9	2571.6	2576.3	2581.0	2585.7	2590.4	2595.1	2599.8	2604.5	2609.2	2613.9	2618.6	2623.3	2628.0	2632.7	2637.4	2642.1	2646.8	2651.5	2656.2	2660.9	2665.6	2670.3	2675.0	2679.7	2684.4	2689.1	2693.8	2698.5	2703.2	2707.9	2712.6	2717.3	2722.0	2726.7	2731.4	2736.1	2740.8	2745.5	2750.2	2754.9	2759.6	2764.3	2769.0	2773.7	2778.4	2783.1	2787.8	2792.5	2797.2	2801.9	2806.6	2811.3	2816.0	2820.7	2825.4	2830.1	2834.8	2839.5	2844.2	2848.9	2853.6	2858.3	2863.0	2867.7	2872.4	2877.1	2881.8	2886.5	2891.2	2895.9	2900.6	2905.3	2910.0	2914.7	2919.4	2924.1	2928.8	2933.5	2938.2	2942.9	2947.6	2952.3	2957.0	2961.7	2966.4	2971.1	2975.8	2980.5	2985.2	2989.9	2994.6	2999.3	3004.0	3008.7	3013.4	3018.1	3022.8	3027.5	3032.2	3036.9	3041.6	3046.3	3051.0	3055.7	3060.4	3065.1	3069.8	3074.5	3079.2	3083.9	3088.6	3093.3	3098.0	3102.7	3107.4	3112.1	3116.8	3121.5	3126.2	3130.9	3135.6	3140.3	3145.0	3149.7	3154.4	3159.1	3163.8	3168.5	3173.2	3177.9	3182.6	3187.3	3192.0	3196.7	3201.4	3206.1	3210.8	3215.5	3220.2	3224.9	3229.6	3234.3	3239.0	3243.7	3248.4	3253.1	3257.8	3262.5	3267.2	3271.9	3276.6	3281.3	3286.0	3290.7	3295.4	3300.1	3304.8	3309.5	3314.2	3318.9	3323.6	3328.3	3333.0	3337.7	3342.4	3347.1	3351.8	3356.5	3361.2	3365.9	3370.6	3375.3	3380.0	3384.7	3389.4	3394.1	3398.8	3403.5	3408.2	3412.9	3417.6	3422.3	3427.0	3431.7	3436.4	3441.1	3445.8	3450.5	3455.2	3459.9	3464.6	3469.3.3</

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15

Elementar-Bunttontext:

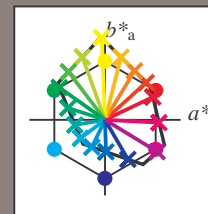
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Umfang

$u^*_{rel} = 109$

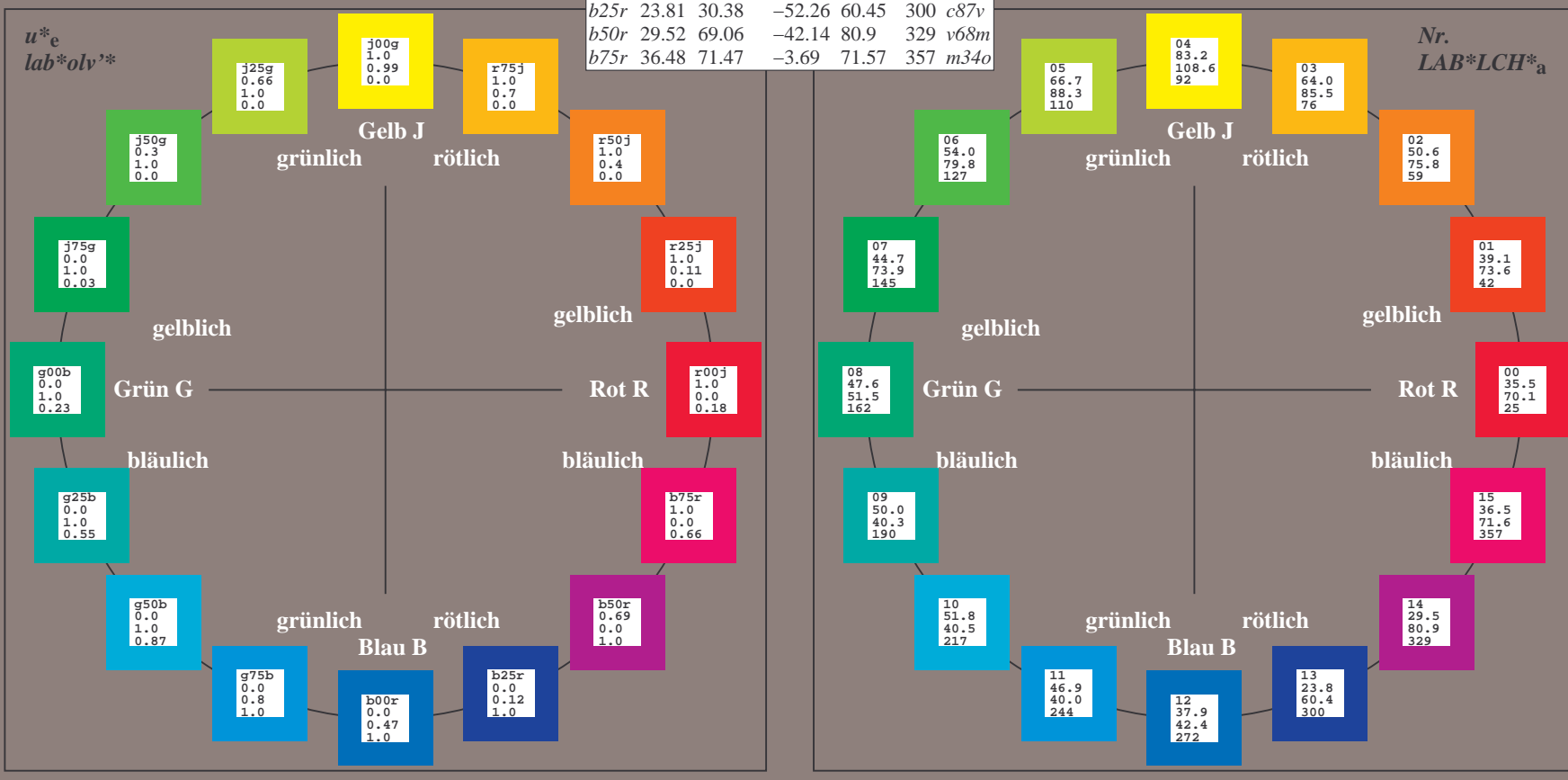
%Regularität

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

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

FRS09\_92a; CIELAB-Daten

Name	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
$O_M$	35.06	60.53	39.66	72.37	33
$Y_M$	83.77	-4.5	103.15	103.25	92
$L_M$	44.13	-62.11	43.56	75.86	145
$C_M$	52.66	-28.56	-36.99	46.73	232
$V_M$	14.15	50.78	-62.6	80.61	309
$M_M$	37.37	79.18	-37.93	87.8	334
$N_M$	8.58	0.46	-3.35	3.38	278
$W_M$	92.02	0.69	-6.48	6.52	276
$R_{CIE}$	39.92	58.74	27.99	65.07	25
$J_{CIE}$	81.26	-2.89	71.56	71.62	92
$G_{CIE}$	52.23	-42.42	13.6	44.55	162
$B_{CIE}$	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

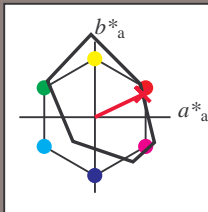
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 35 63 30

$LAB^*LCH^*_{Ma}$ : 35 70 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

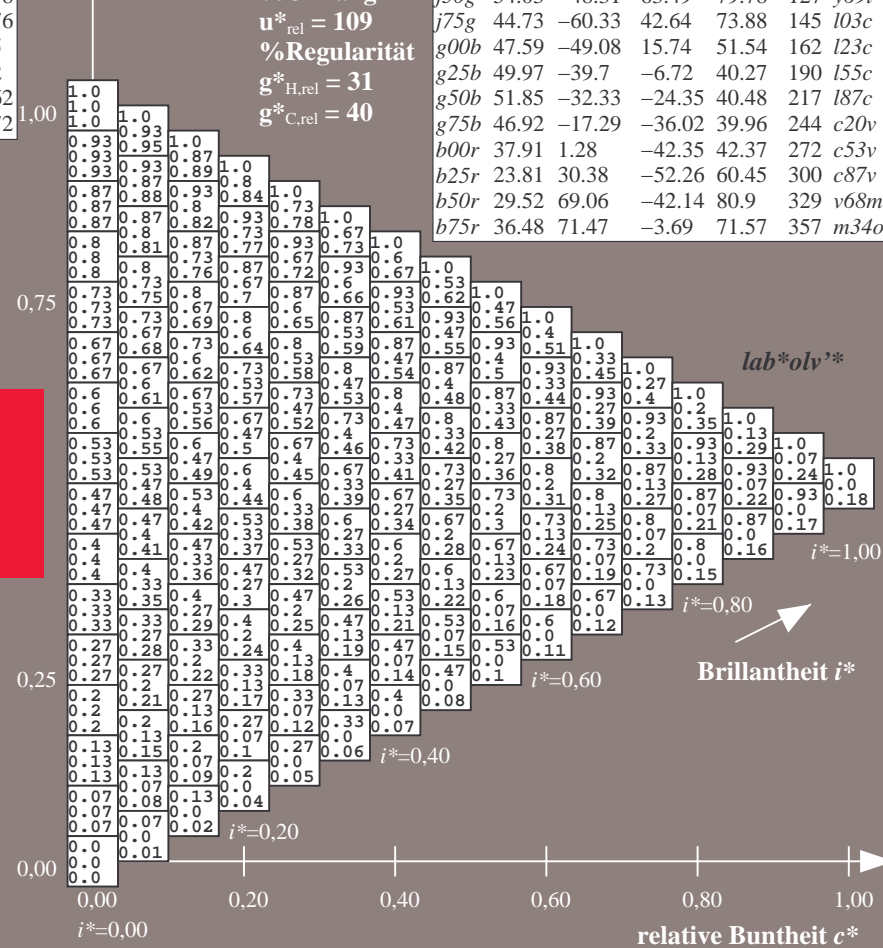
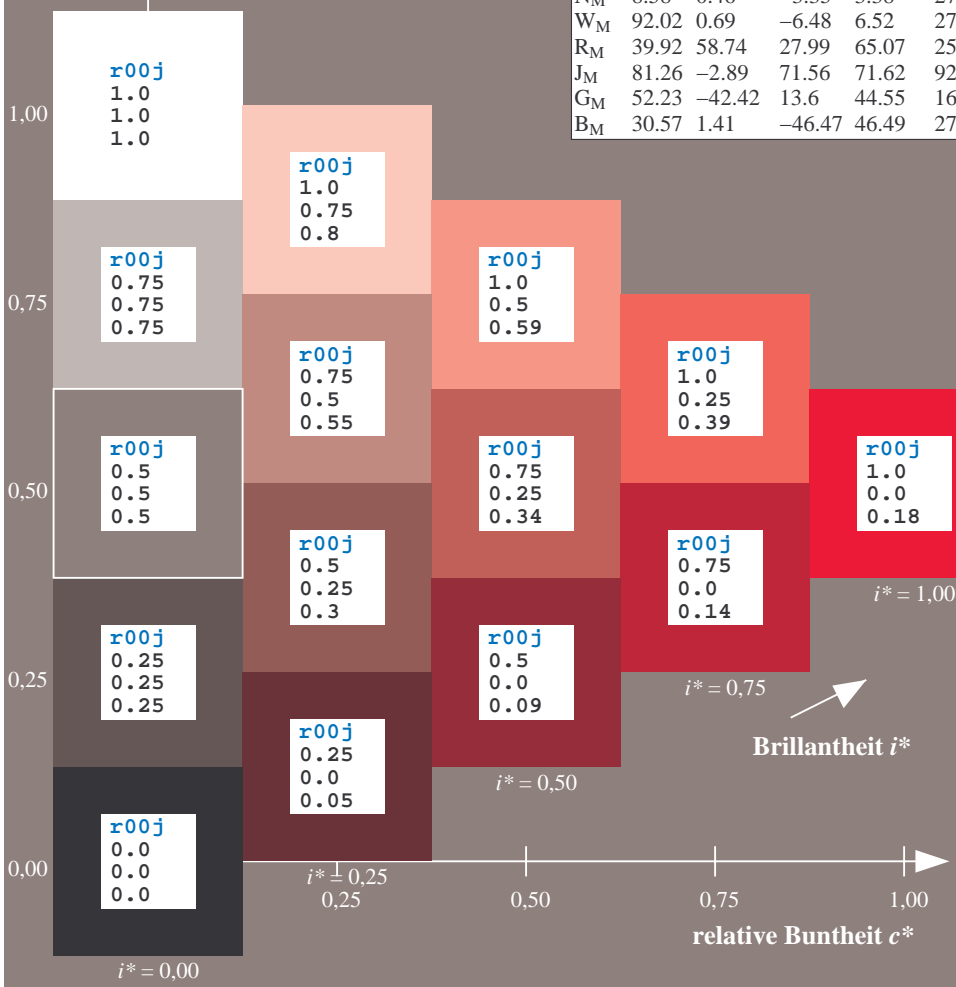
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

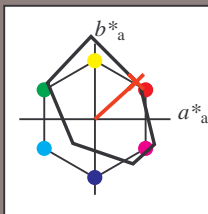
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 55 49

$LAB^*LCH^*_{Ma}$ : 39 74 42

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

$lab^*olv^*_{Ma}$ : 1.0 0.11 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

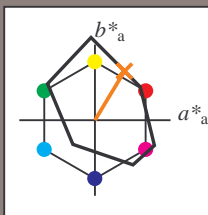
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 51 39 65

$LAB^*LCH^*_{Ma}$ : 51 76 58

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

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

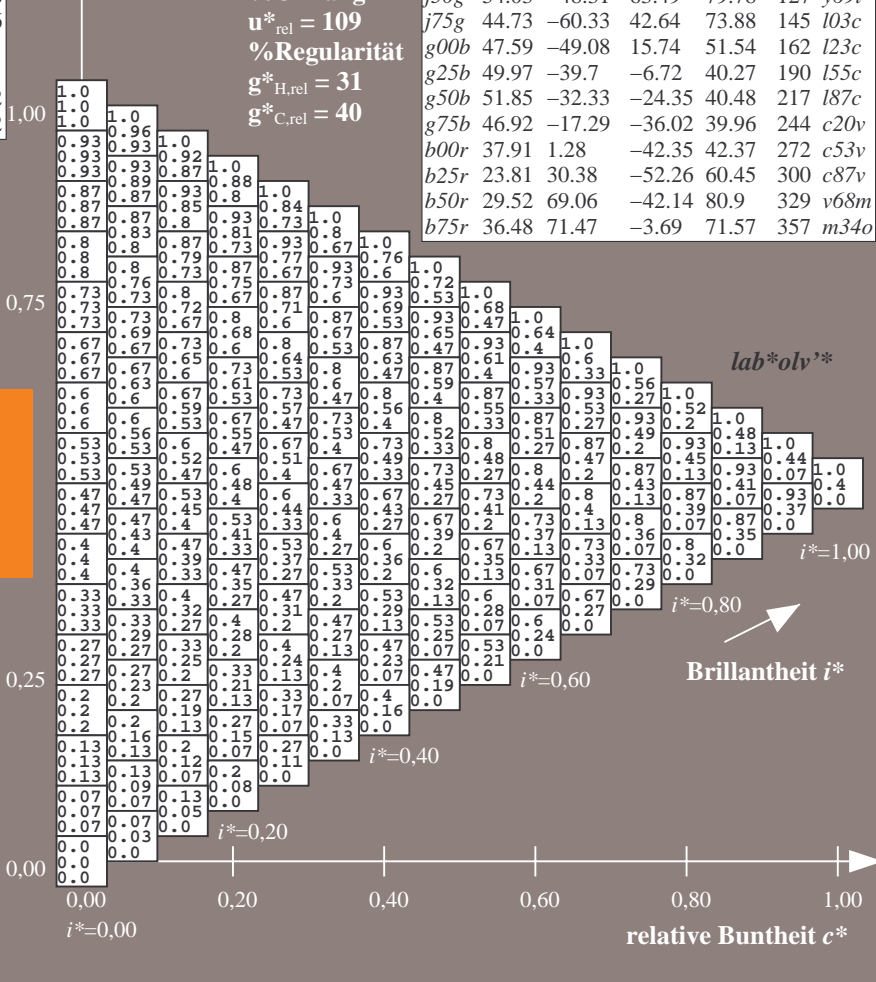
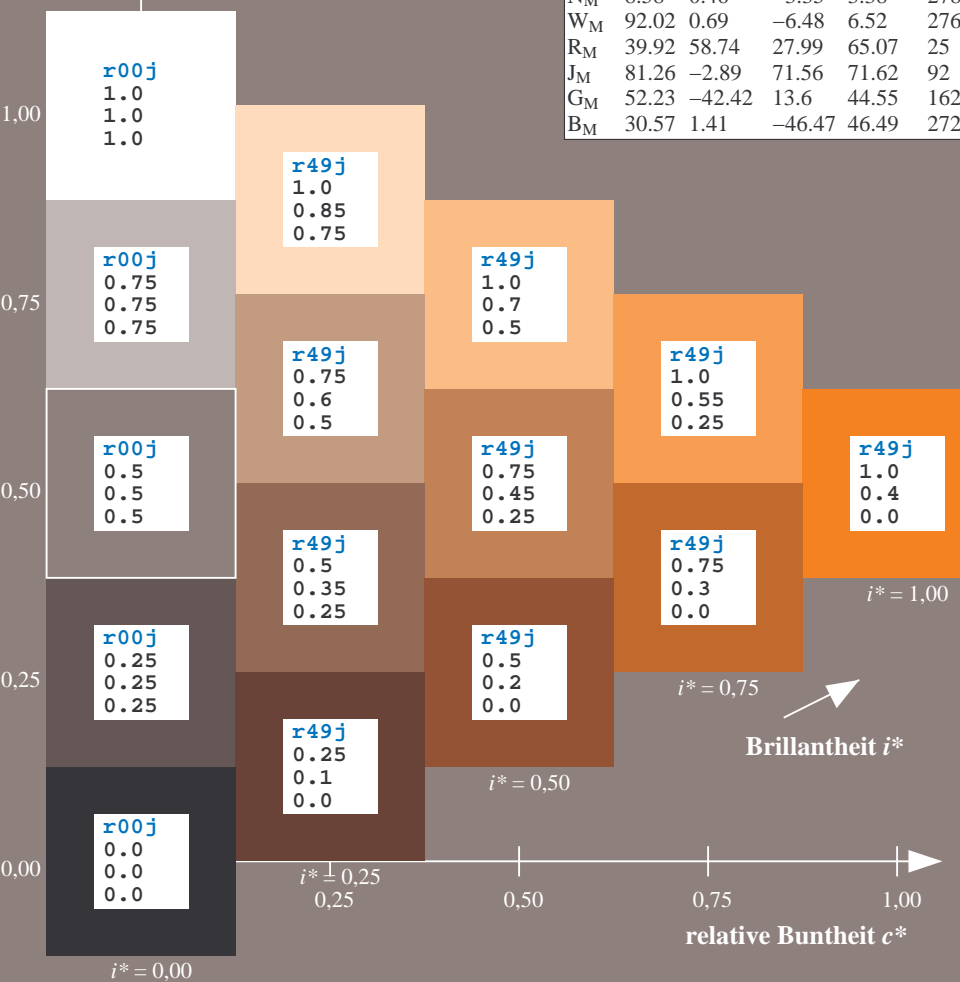
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

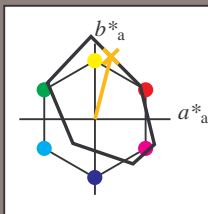
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 64 21 83

$LAB^*LCH^*_{Ma}$ : 64 86 75

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

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

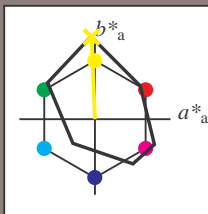
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -4 109

$LAB^*LCH^*_{Ma}$ : 83 109 92

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

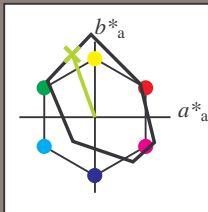
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; CIELAB-Daten

	$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -30 83

$LAB^*LCH^*_{Ma}$ : 67 88 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

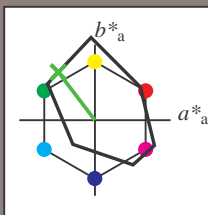
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -48 63

$LAB^*LCH^*_{Ma}$ : 54 80 127

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

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

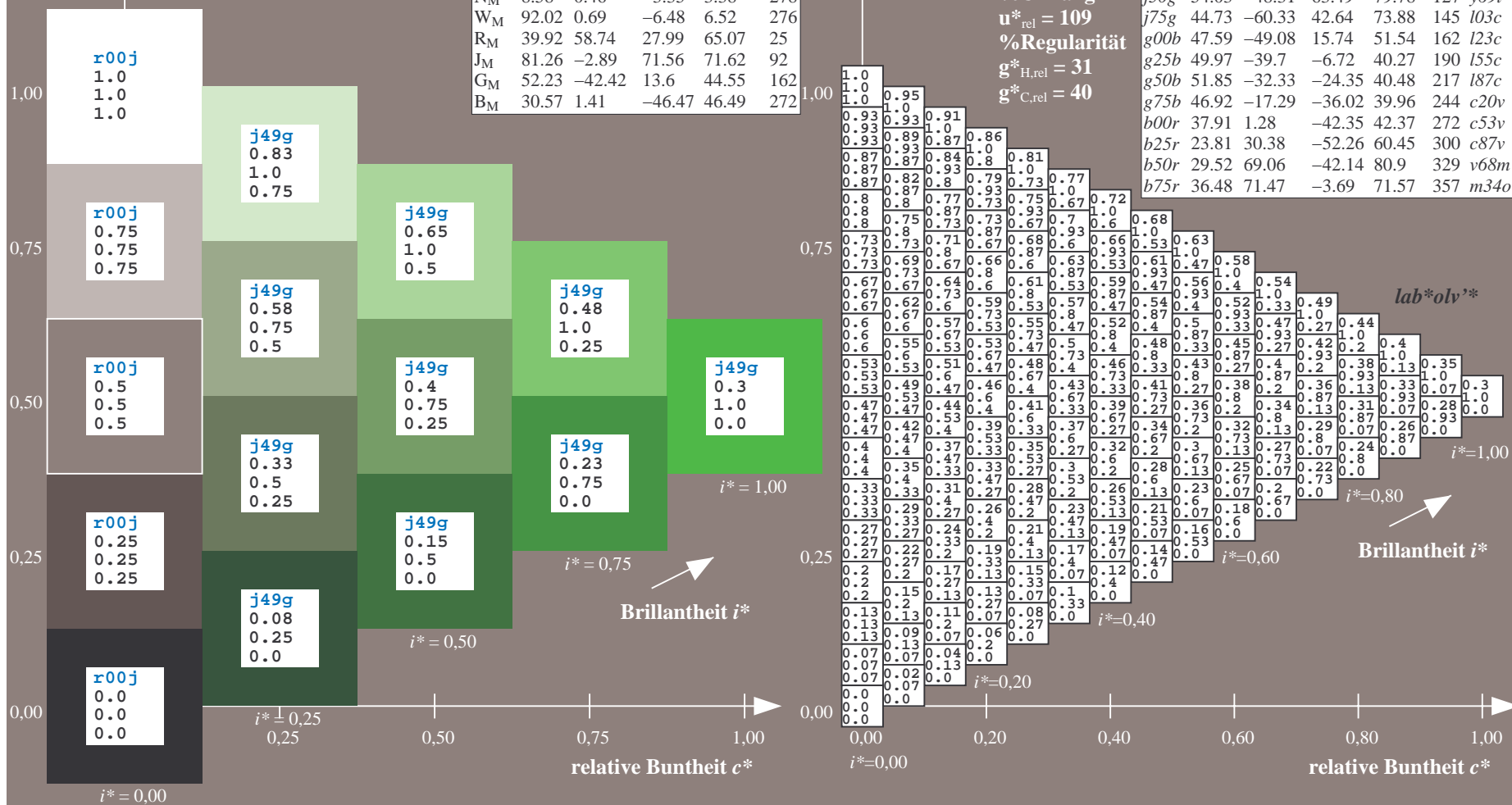
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten										
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$				
r00j	35.47	63.32	30.17	70.15	25	m81o				
r25j	39.12	54.56	49.45	73.64	42	o10y				
r50j	50.64	39.15	64.89	75.79	59	o40y				
r75j	64.01	21.26	82.83	85.52	76	o69y				
j00g	83.18	-4.38	108.53	108.62	92	o98y				
j25g	66.73	-29.89	83.06	88.28	110	y34l				
j50g	54.03	-48.31	63.49	79.78	127	y69l				
j75g	44.73	-60.33	42.64	73.88	145	i03c				
g00b	47.59	-49.08	15.74	51.54	162	i23c				
g25b	49.97	-39.7	-6.72	40.27	190	i55c				
g50b	51.85	-32.33	-24.35	40.48	217	i87c				
g75b	46.92	-17.29	-36.02	39.96	244	c20v				
b00r	37.91	1.28	-42.35	42.37	272	c53v				
b25r	23.81	30.38	-52.26	60.45	300	c87v				
b50r	29.52	69.06	-42.14	80.9	329	v68m				
b75r	36.48	71.47	-3.69	71.57	357	m34o				



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$

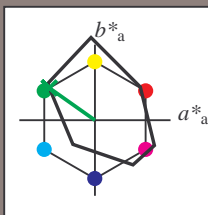
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 45 -60 43

$LAB^*LCH^*_{Ma}$ : 45 74 144

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

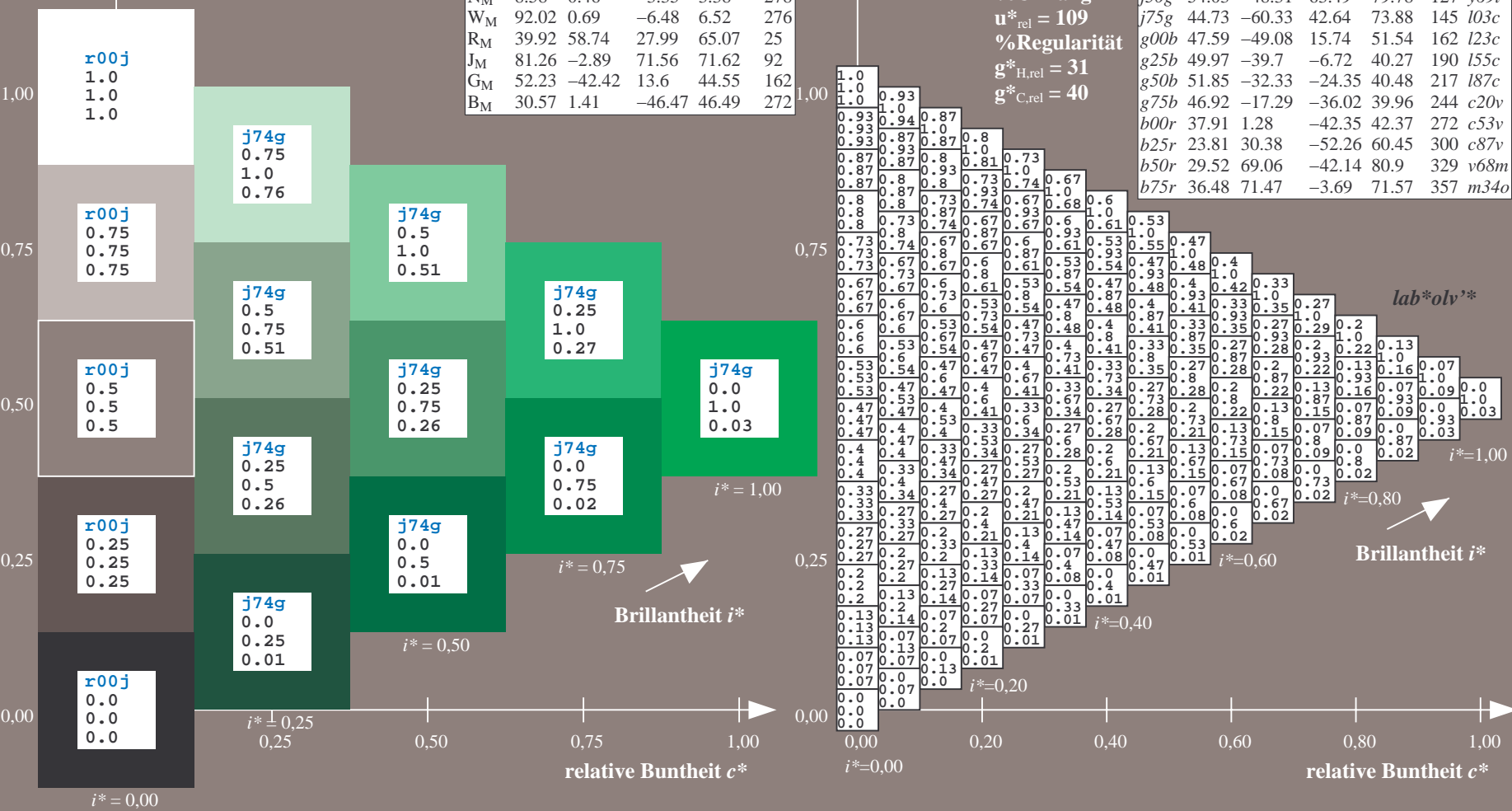
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten										
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	$u^*_e = j75g$ $lab^*olv^*$			
r00j	35.47	63.32	30.17	70.15	25	m81o				
r25j	39.12	54.56	49.45	73.64	42	o10y				
r50j	50.64	39.15	64.89	75.79	59	o40y				
r75j	64.01	21.26	82.83	85.52	76	o69y				
j00g	83.18	-4.38	108.53	108.62	92	o98y				
j25g	66.73	-29.89	83.06	88.28	110	y34l				
j50g	54.03	-48.31	63.49	79.78	127	y69l				
j75g	44.73	-60.33	42.64	73.88	145	i03c				
g00b	47.59	-49.08	15.74	51.54	162	i23c				
g25b	49.97	-39.7	-6.72	40.27	190	i55c				
g50b	51.85	-32.33	-24.35	40.48	217	i87c				
g75b	46.92	-17.29	-36.02	39.96	244	c20v				
b00r	37.91	1.28	-42.35	42.37	272	c53v				
b25r	23.81	30.38	-52.26	60.45	300	c87v				
b50r	29.52	69.06	-42.14	80.9	329	v68m				
b75r	36.48	71.47	-3.69	71.57	357	m34o				



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

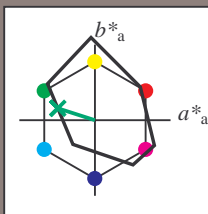
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -49 16

$LAB^*LCH^*_{Ma}$ : 48 52 162

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

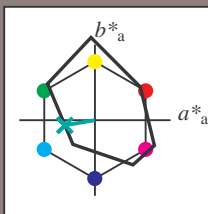
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -40 -7

$LAB^*LCH^*_{Ma}$ : 50 40 189

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = g25b$   
 $lab^*olv^*$

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

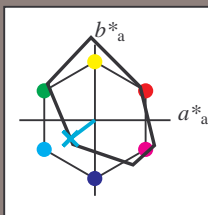
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -32 -24

$LAB^*LCH^*_{Ma}$ : 52 40 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.87

Dreiecks-Helligkeit  $t^*$

%Umfang

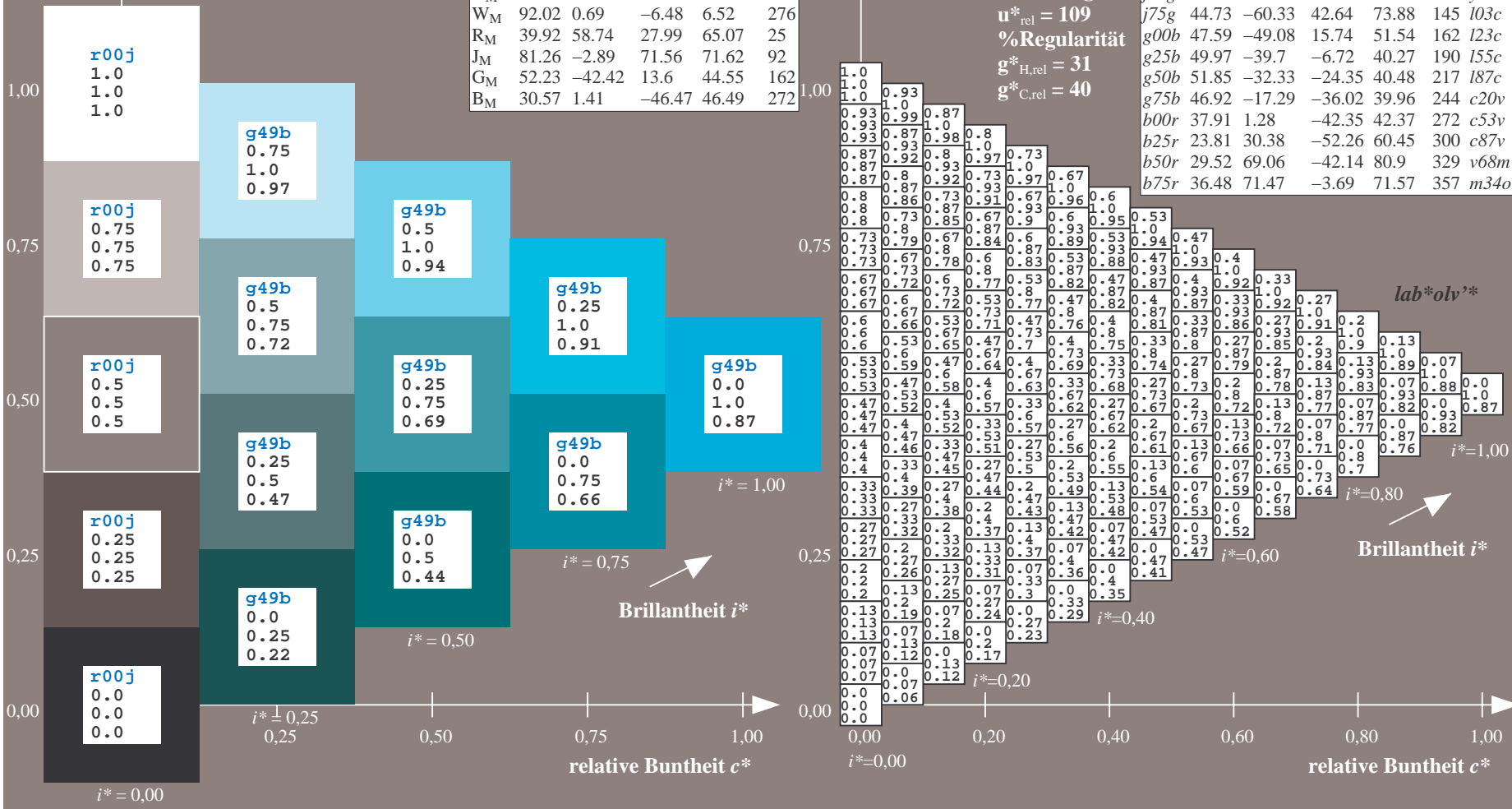
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

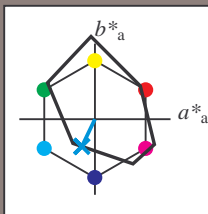
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -17 -36

$LAB^*LCH^*_{Ma}$ : 47 40 244

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

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

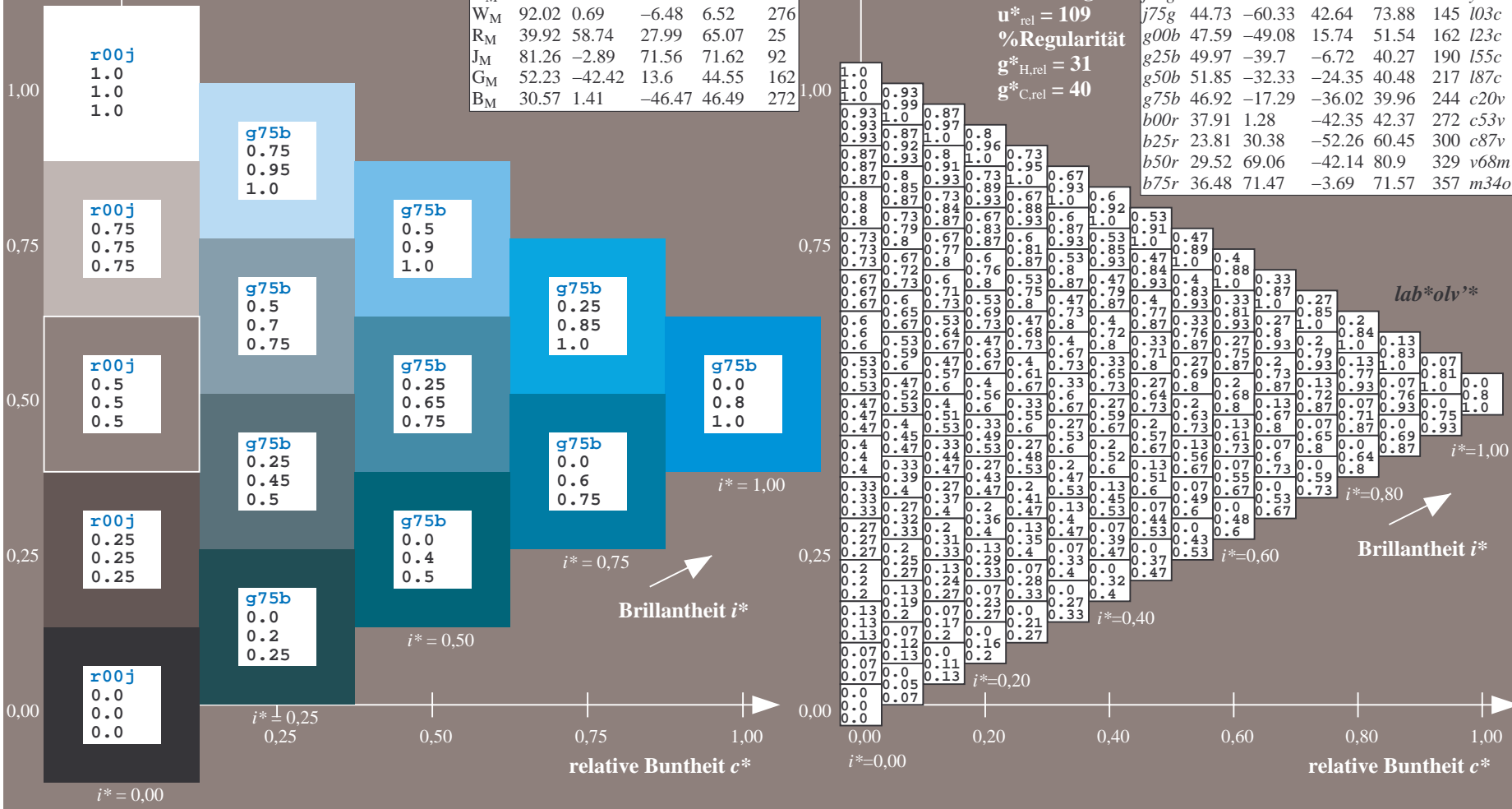
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

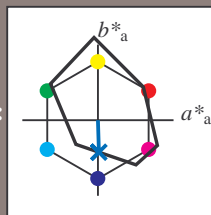
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 1 -42

$LAB^*LCH^*_{Ma}$ : 38 42 271

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

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

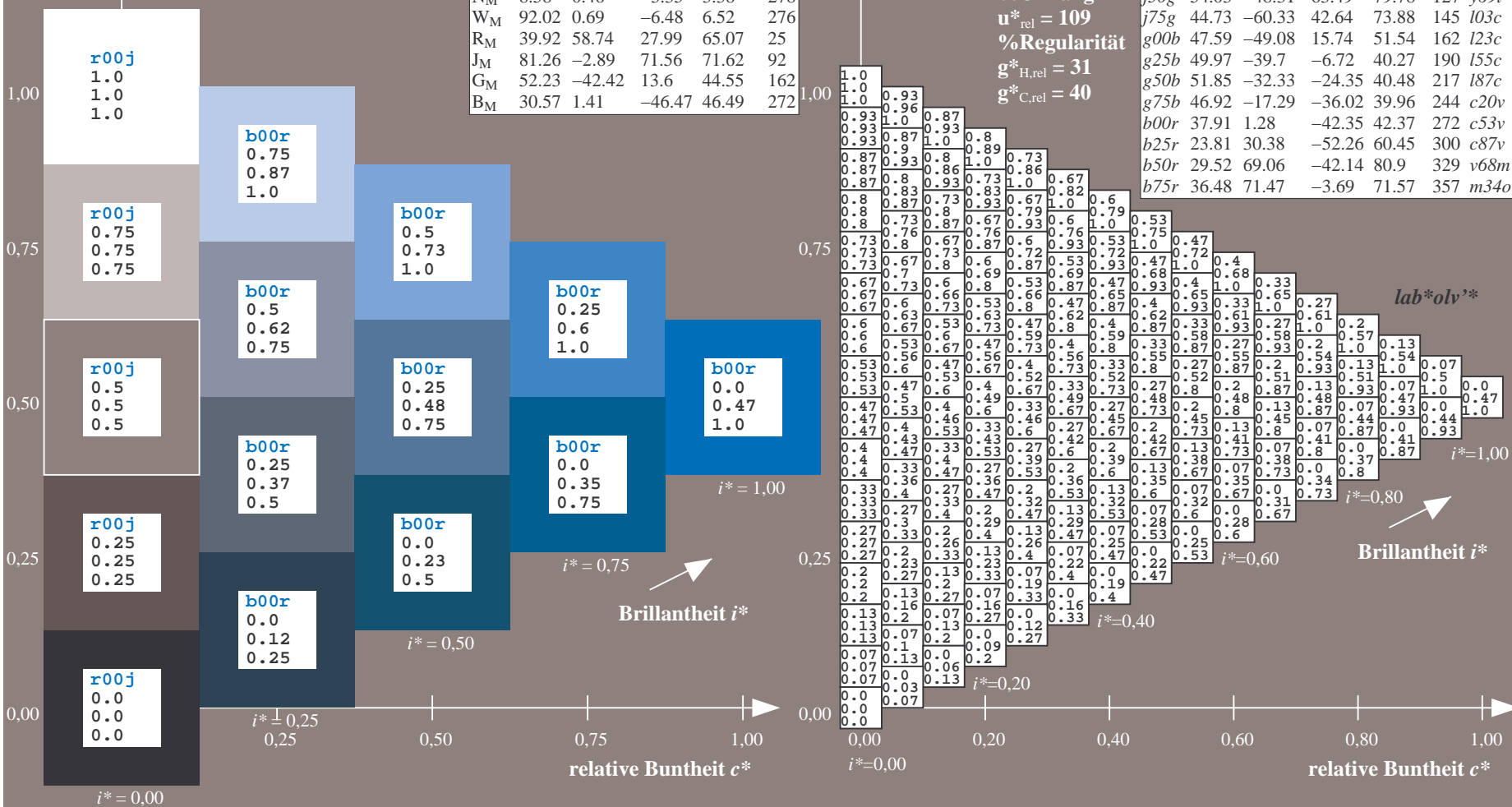
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

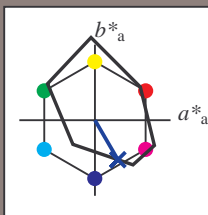
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 24 30 -52

$LAB^*LCH^*_{Ma}$ : 24 60 300

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

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b25r$   
 $lab^*olv^*$

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

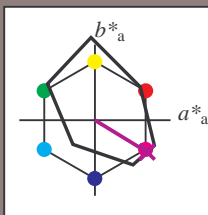
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 69 -42

$LAB^*LCH^*_{Ma}$ : 30 81 328

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

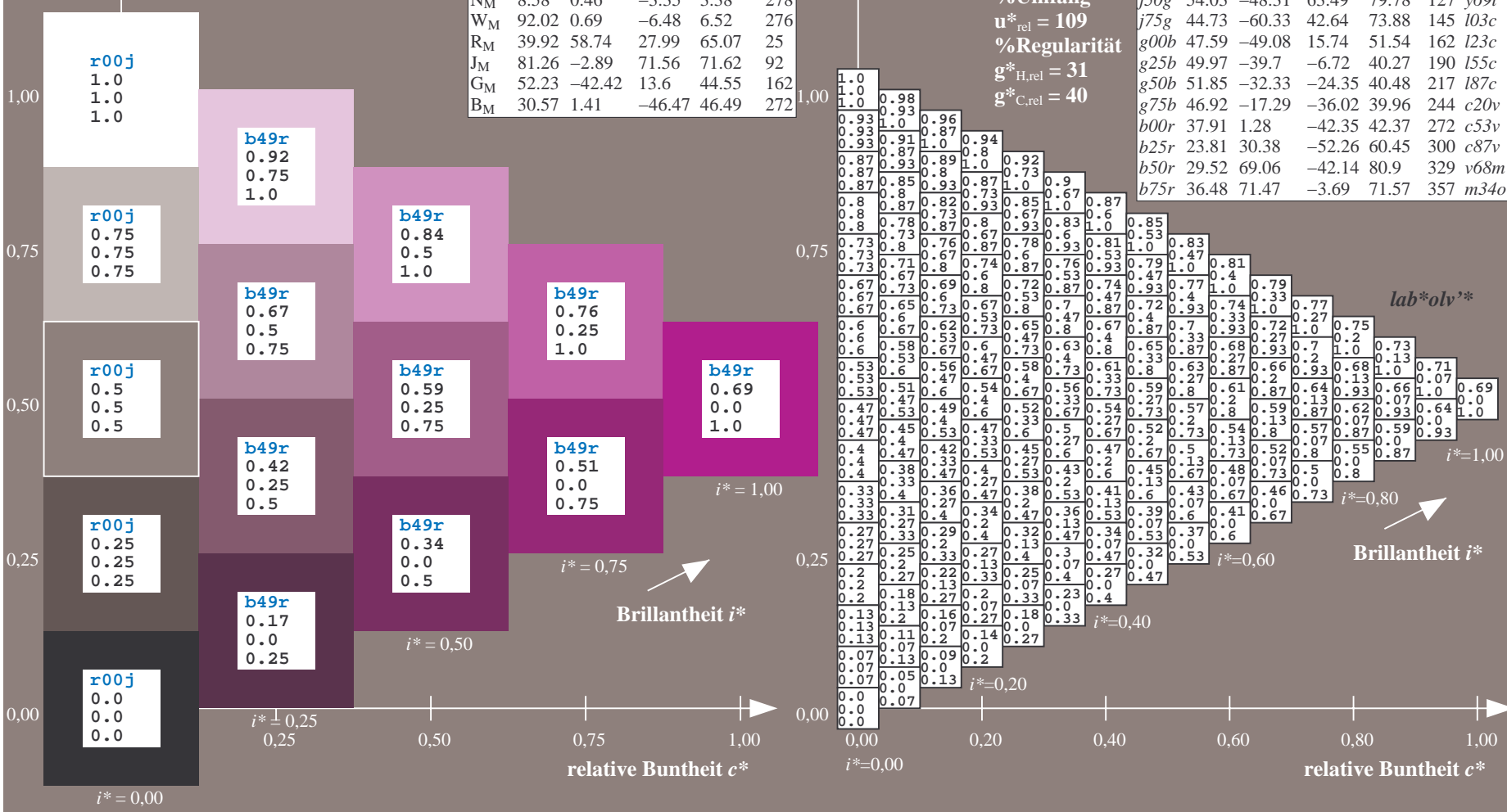
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

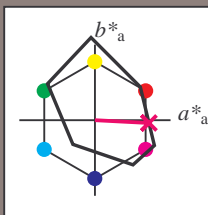
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m34o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 36 71 -4

$LAB^*LCH^*_{Ma}$ : 36 72 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

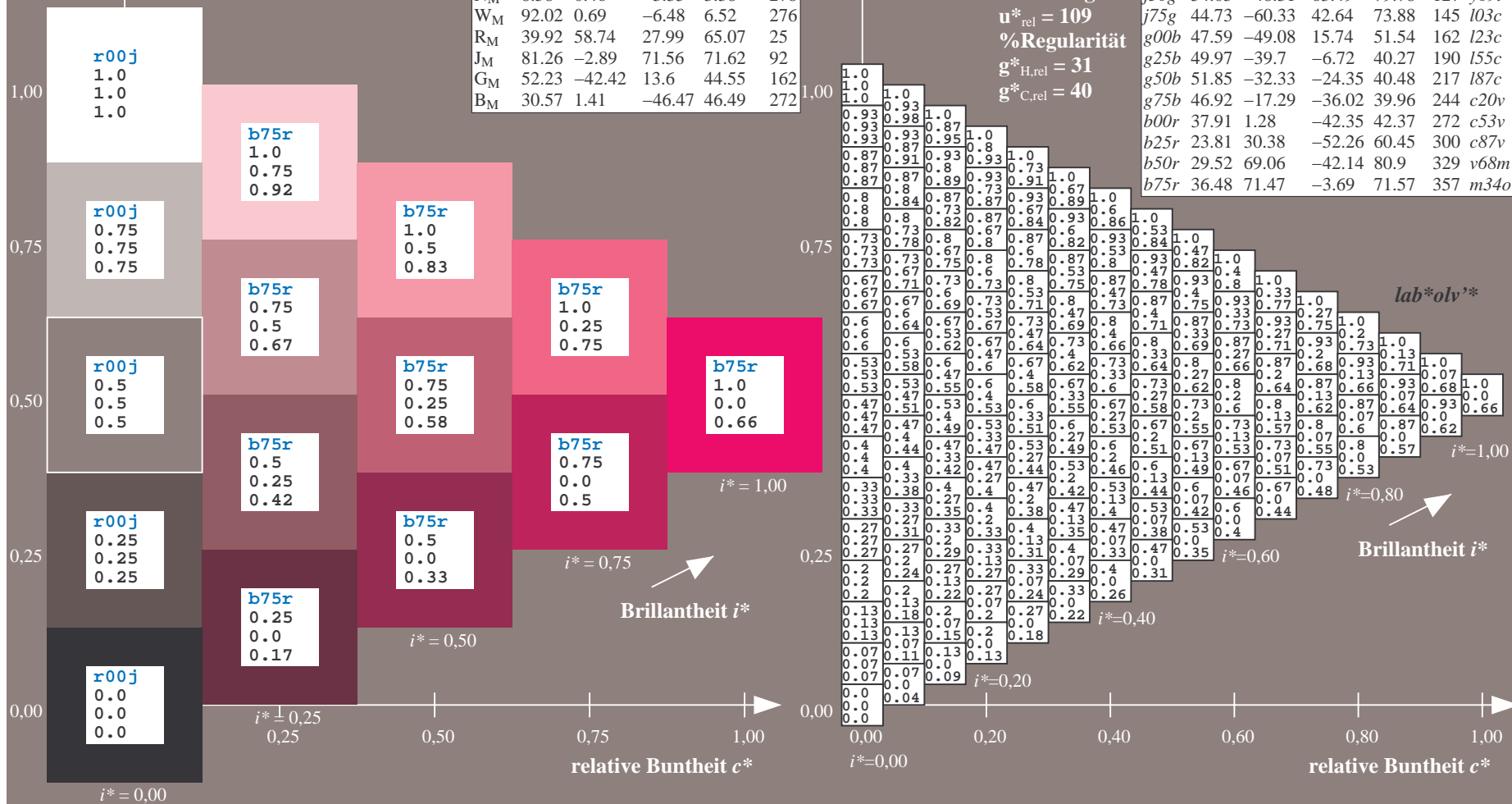
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg36/>; [www.ps.bam.de/Eg36/](http://www.ps.bam.de/Eg36/); [www.ps.bam.de/Eg36/](http://www.ps.bam.de/Eg36/)  
Technische Information: <http://www.ps.bam.de/Version2.1,io=1.1,ColSp=0>

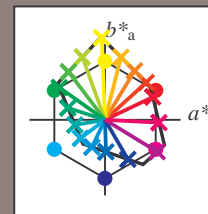
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*oly**			
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13
	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38		
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	
	0.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.5	0.5	0.5	0.5	
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.5	0.5	0.5	0.5	
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	
	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.75	0.75	0.75	0.75	
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75	
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.88	0.88	0.88	0.88		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.88	0.88	0.88	0.88	
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88	
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	1.0	1.0	1.0	1.0	
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0	
10	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0		
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0		
	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.07	0.07	0.07	0.07		
11	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.07	0.07	0.07	0.07			
	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.07	0.07	0.07	0.07	
12	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13	0.13		
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13	0.13			
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	
13	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5																												

BAM-Registrierung: 20081001-Eg36/10L/L36G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:

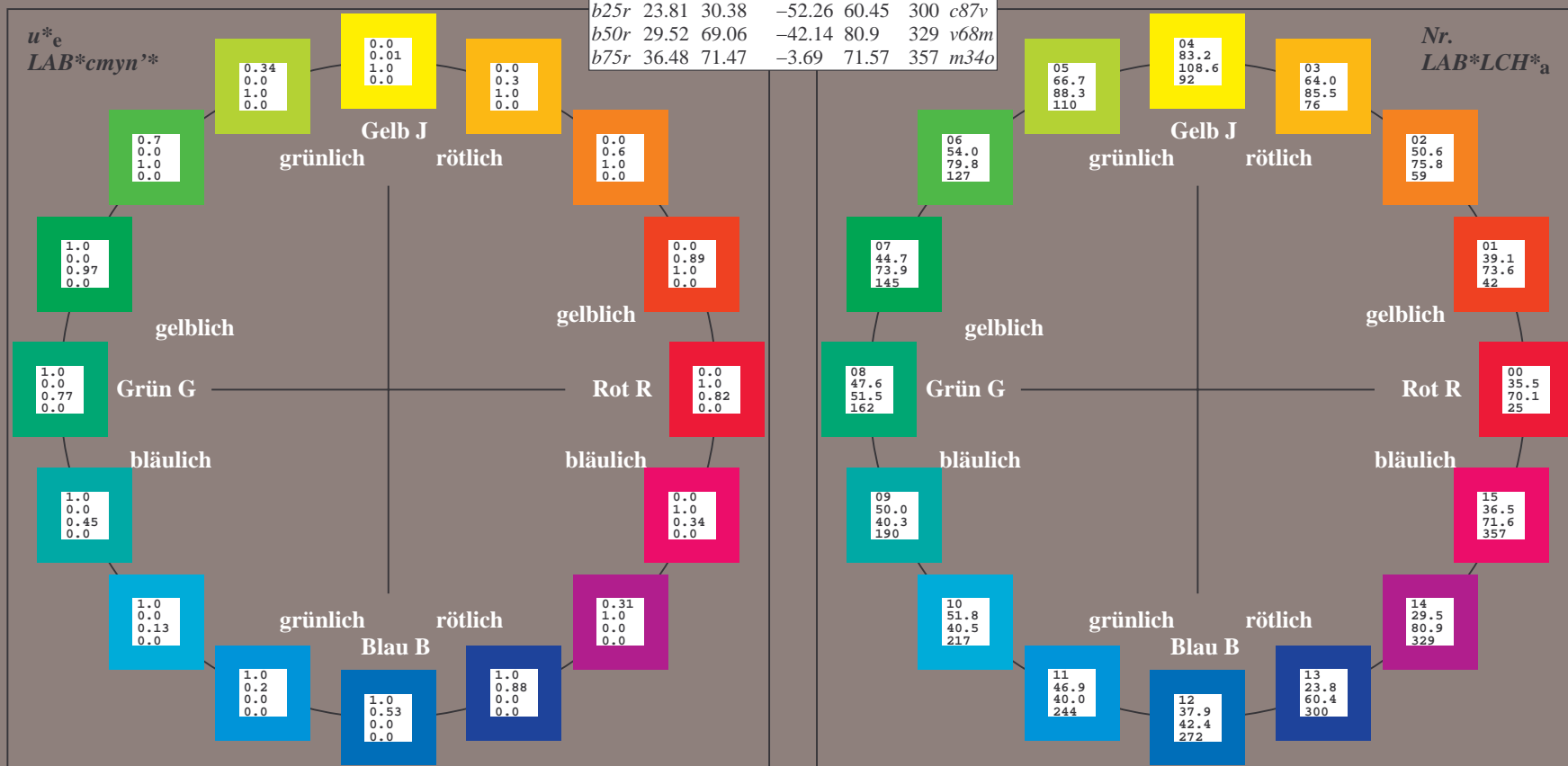
$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttextext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, ..., b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS09_92a; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$	
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$	
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$	
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$	
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$	
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$	
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$	
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$	
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$	
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$	
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$	
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$	
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$	
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$	
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$	
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$	



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

FRS09_92a; CIELAB-Daten					
Name	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
$O_M$	35.06	60.53	39.66	72.37	33
$Y_M$	83.77	-4.5	103.15	103.25	92
$L_M$	44.13	-62.11	43.56	75.86	145
$C_M$	52.66	-28.56	-36.99	46.73	232
$V_M$	14.15	50.78	-62.6	80.61	309
$M_M$	37.37	79.18	-37.93	87.8	334
$N_M$	8.58	0.46	-3.35	3.38	278
$W_M$	92.02	0.69	-6.48	6.52	276
$R_{CIE}$	39.92	58.74	27.99	65.07	25
$J_{CIE}$	81.26	-2.89	71.56	71.62	92
$G_{CIE}$	52.23	-42.42	13.6	44.55	162
$B_{CIE}$	30.57	1.41	-46.47	46.49	272





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

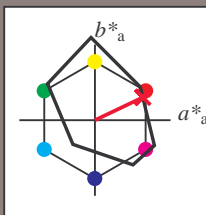
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 35 63 30

$LAB^*LCH^*_{Ma}$ : 35 70 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

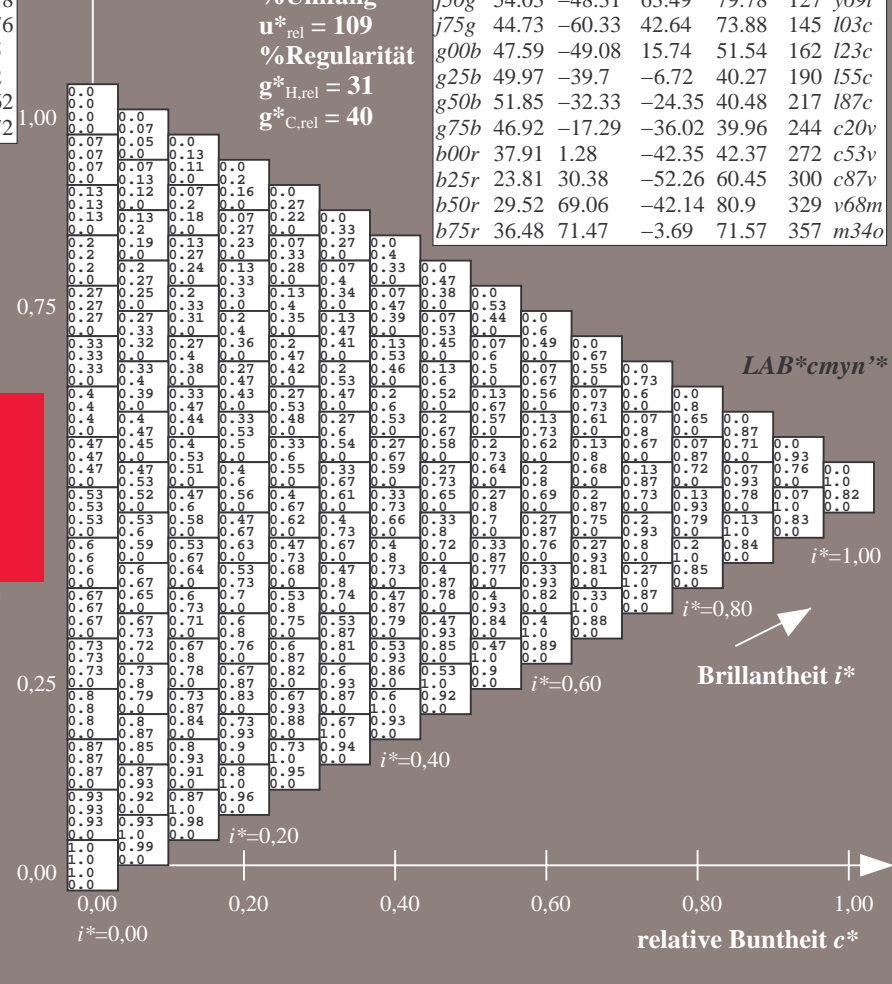
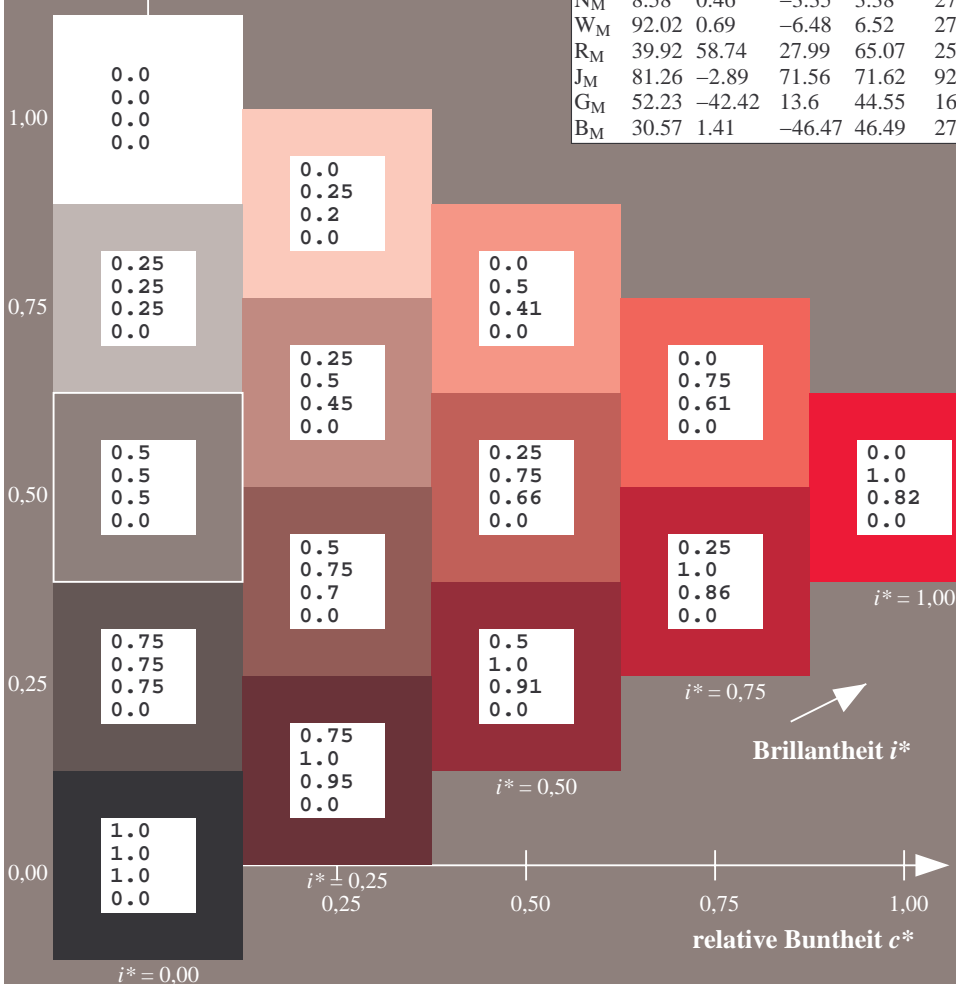
%Regularität

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

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

$u^*_e = r00j$   
 $LAB^*cmyn^*$

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

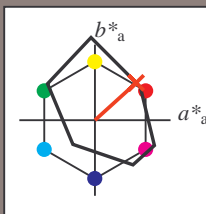
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 55 49

$LAB^*LCH^*_{Ma}$ : 39 74 42

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

$lab^*olv^*_{Ma}$ : 1.0 0.11 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			

$LAB^*cmy^n^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

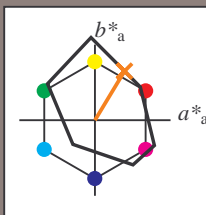
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 51 39 65

$LAB^*LCH^*_{Ma}$ : 51 76 58

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

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

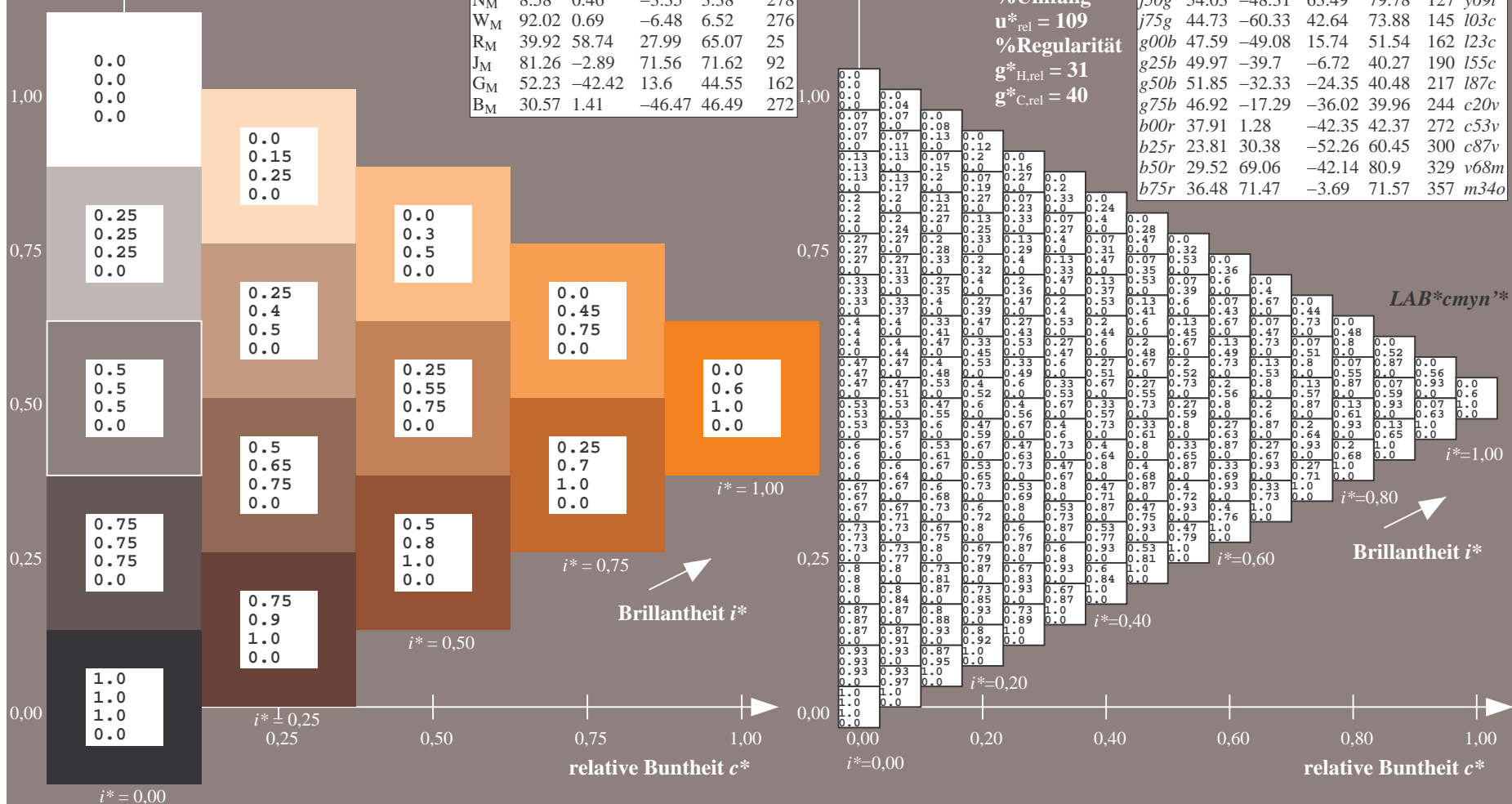
%Regularität

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

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

$u^*_e = r50j$   
 $LAB^*cmyn^*$

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

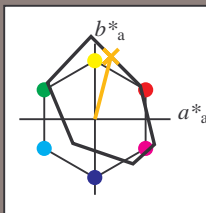
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 64 21 83

$LAB^*LCH^*_{Ma}$ : 64 86 75

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

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			

$LAB^*cmyn^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

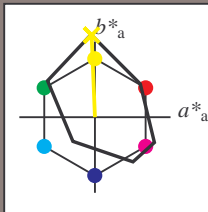
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -4 109

$LAB^*LCH^*_{Ma}$ : 83 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

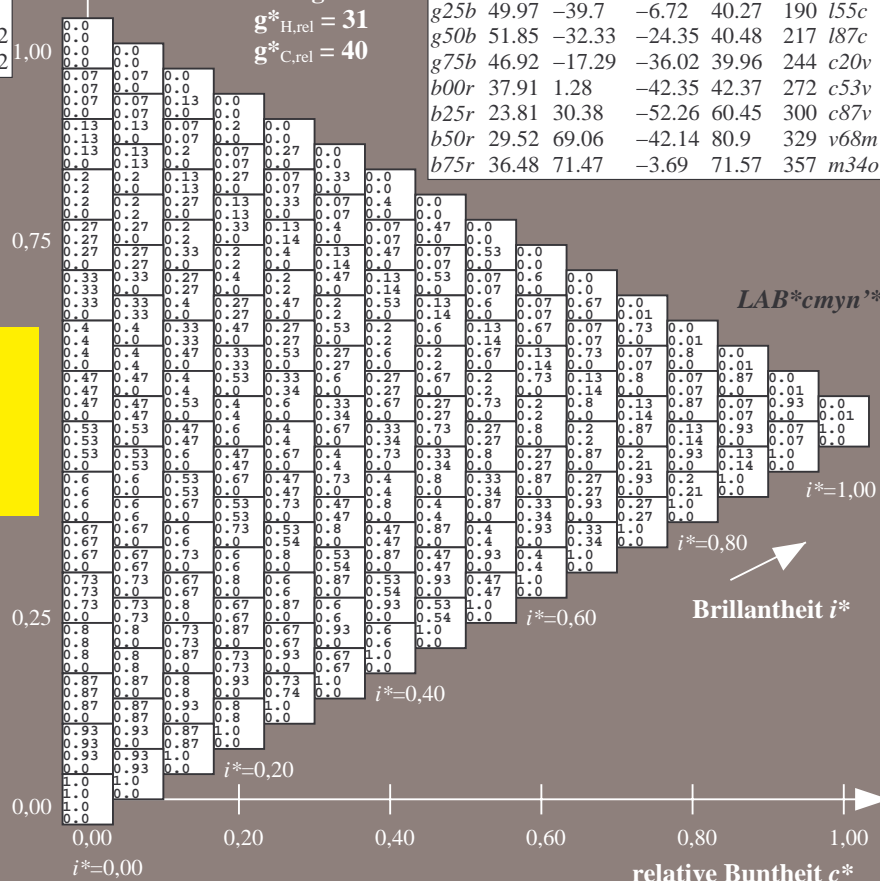
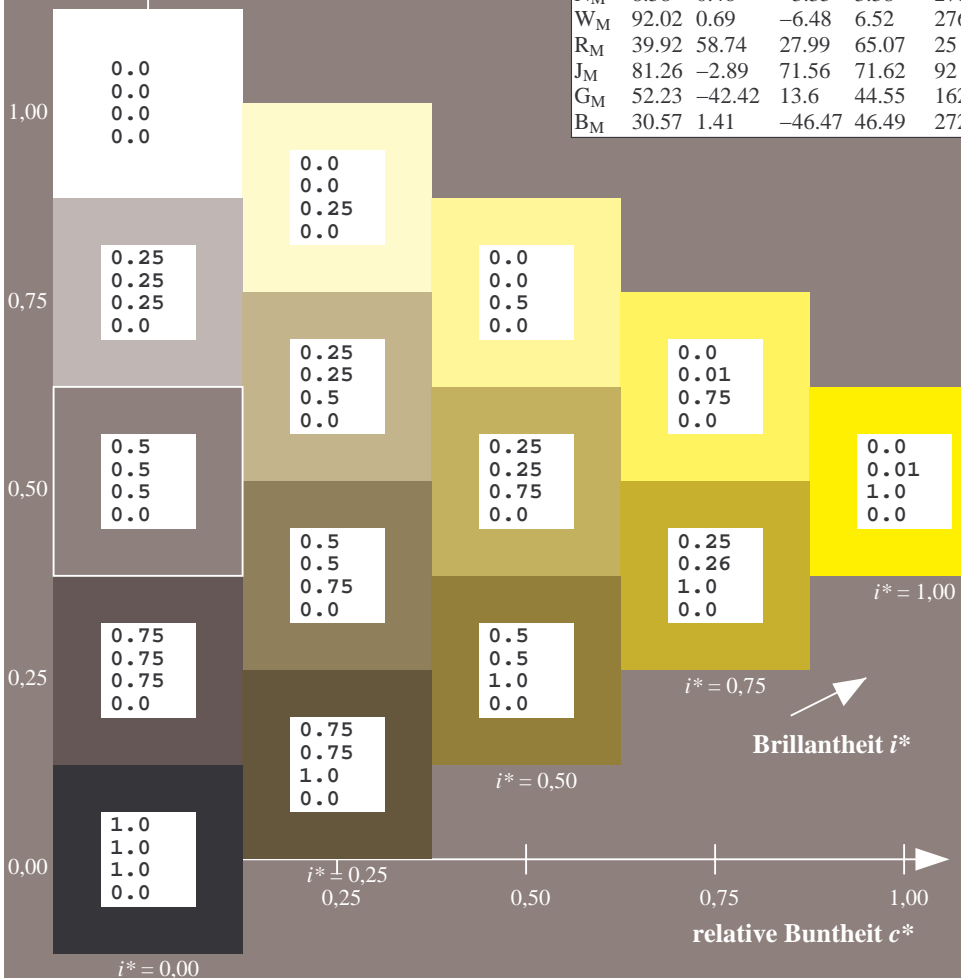
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

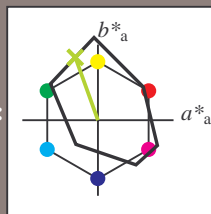
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -30 83

$LAB^*LCH^*_{Ma}$ : 67 88 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

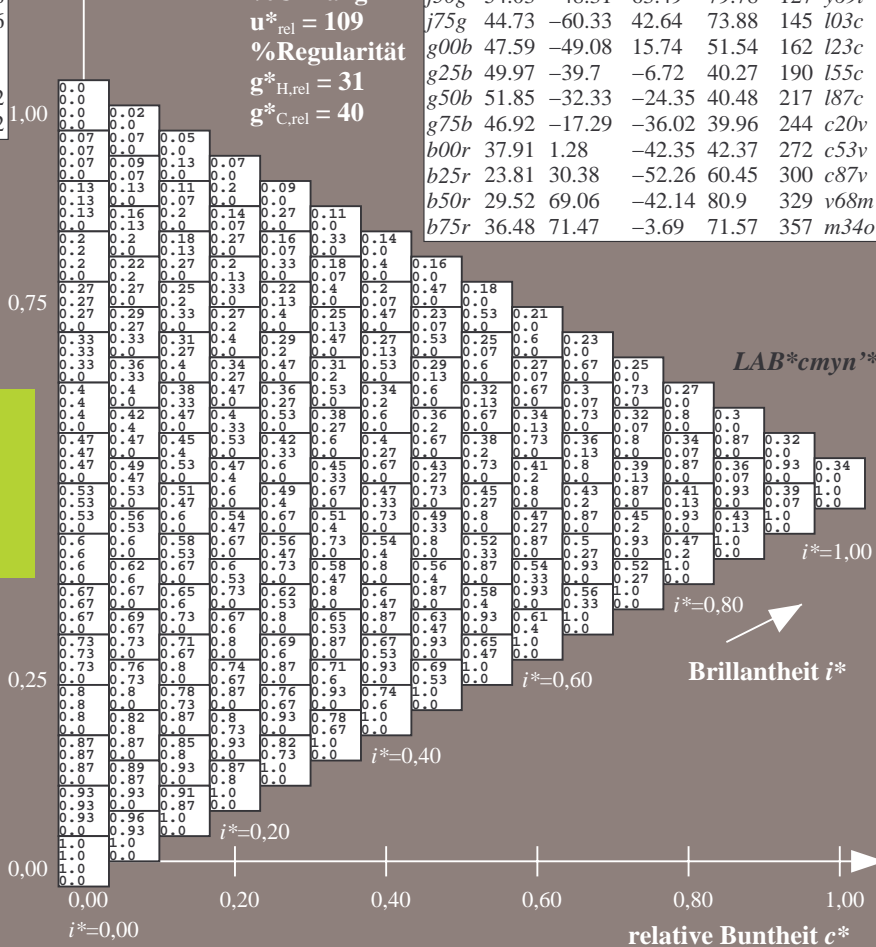
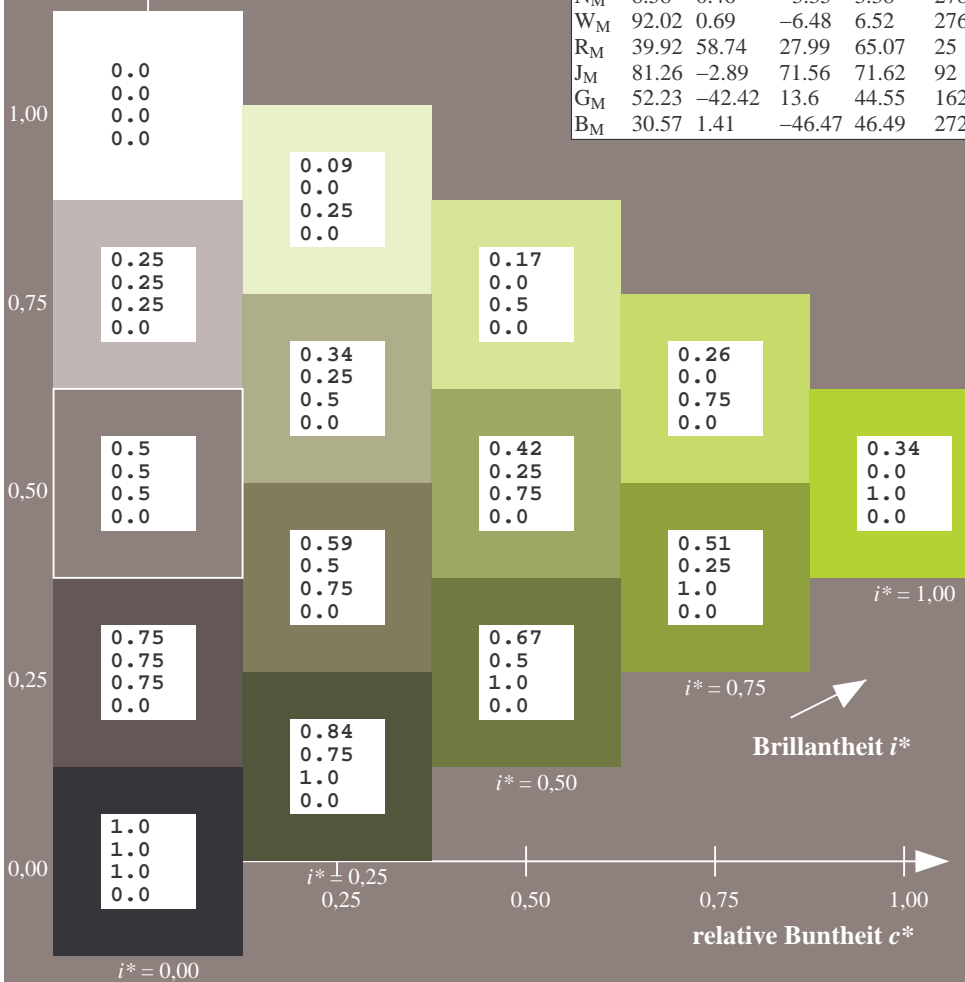
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

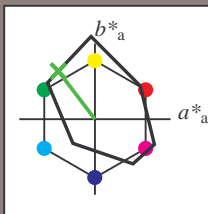
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -48 63

$LAB^*LCH^*_{Ma}$ : 54 80 127

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

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			

$LAB^*cmyn^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

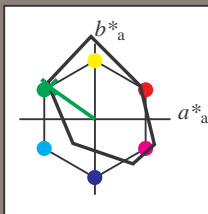
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 45 -60 43

$LAB^*LCH^*_{Ma}$ : 45 74 144

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

$u^*_e = j75g$   
 $LAB^*cmyn^*$

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*cmyn^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

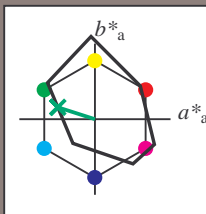
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -49 16

$LAB^*LCH^*_{Ma}$ : 48 52 162

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*cmyn^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

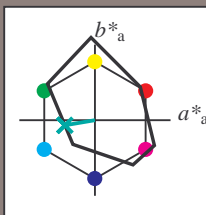
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -40 -7

$LAB^*LCH^*_{Ma}$ : 50 40 189

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

$u^*_e = g25b$   
 $LAB^*cmyn^*$

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*cmyn^*$

$i^* = 1.00$

$i^* = 0.80$

Brillantheit  $i^*$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

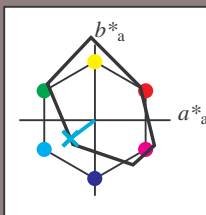
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 52 -32 -24

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 52 40 216

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 1.0 0.87

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{\text{rel}} = 109$

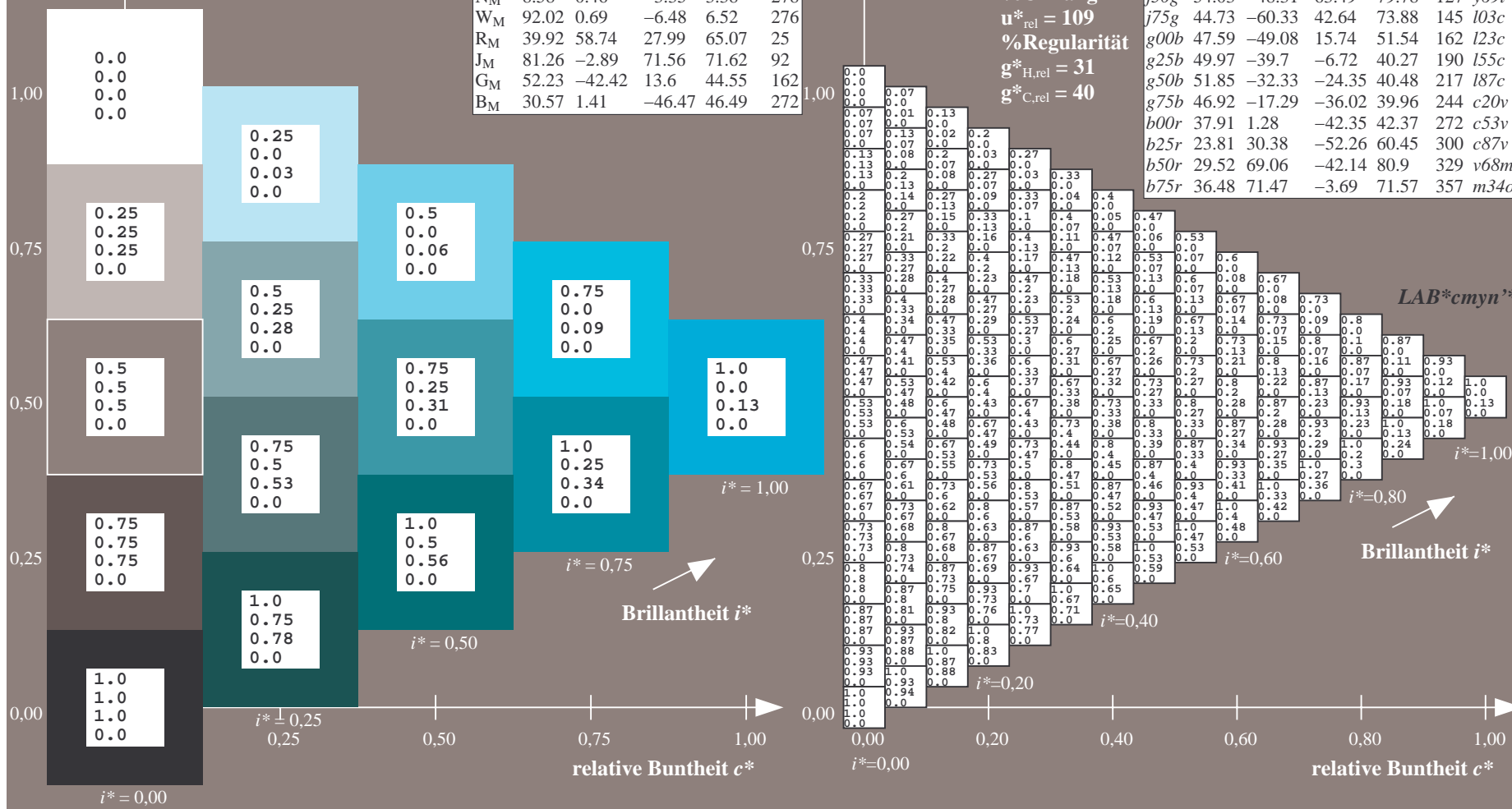
%Regularität

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

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

$u^*_e = g50b$   
 $\text{LAB}^*\text{cmyn}^*$

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

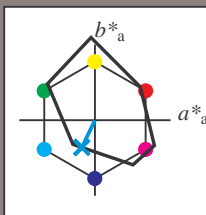
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -17 -36

$LAB^*LCH^*_{Ma}$ : 47 40 244

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

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			

$LAB^*cmyn^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

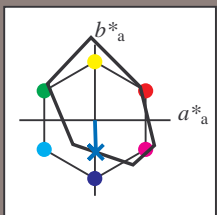
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 1 -42

$LAB^*LCH^*_{Ma}$ : 38 42 271

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

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			

$LAB^*cmyn^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

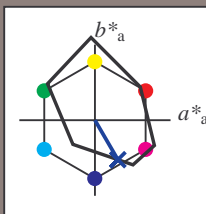
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	35.06	60.53	39.66	72.37	33	
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92	
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232	
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309	
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334	
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278	
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276	
R <sub>M</sub>	39.92	58.74	27.99	65.07	25	
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 24 30 -52

$LAB^*LCH^*_{Ma}$ : 24 60 300

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

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

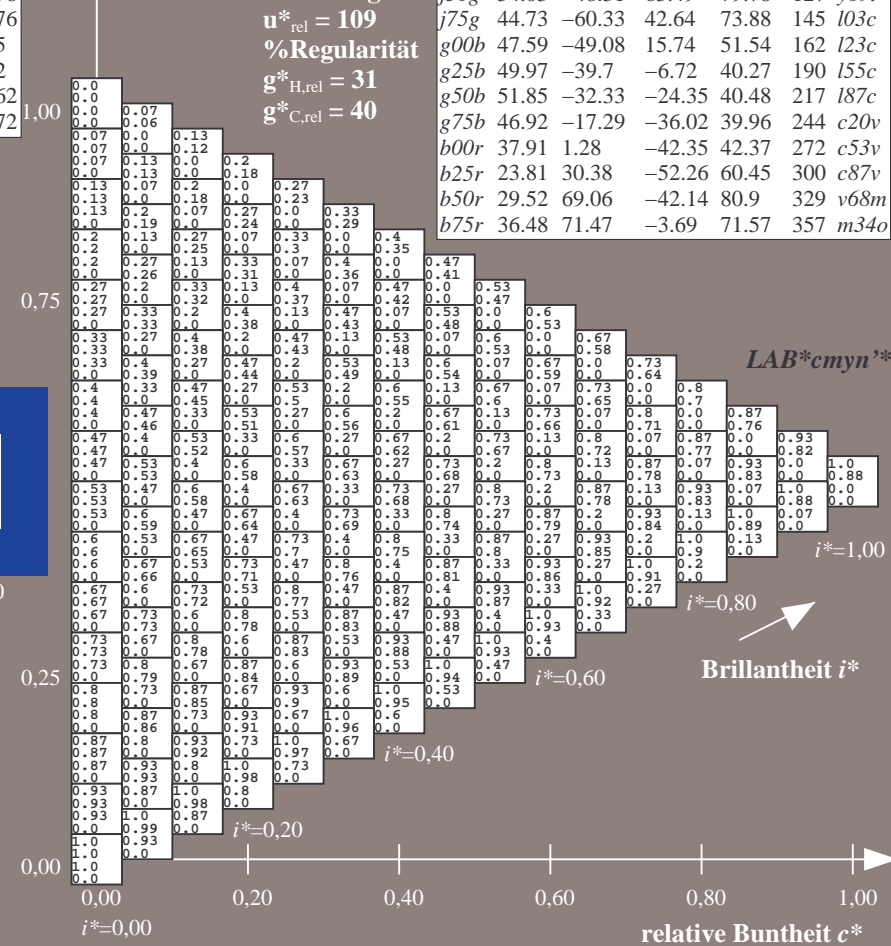
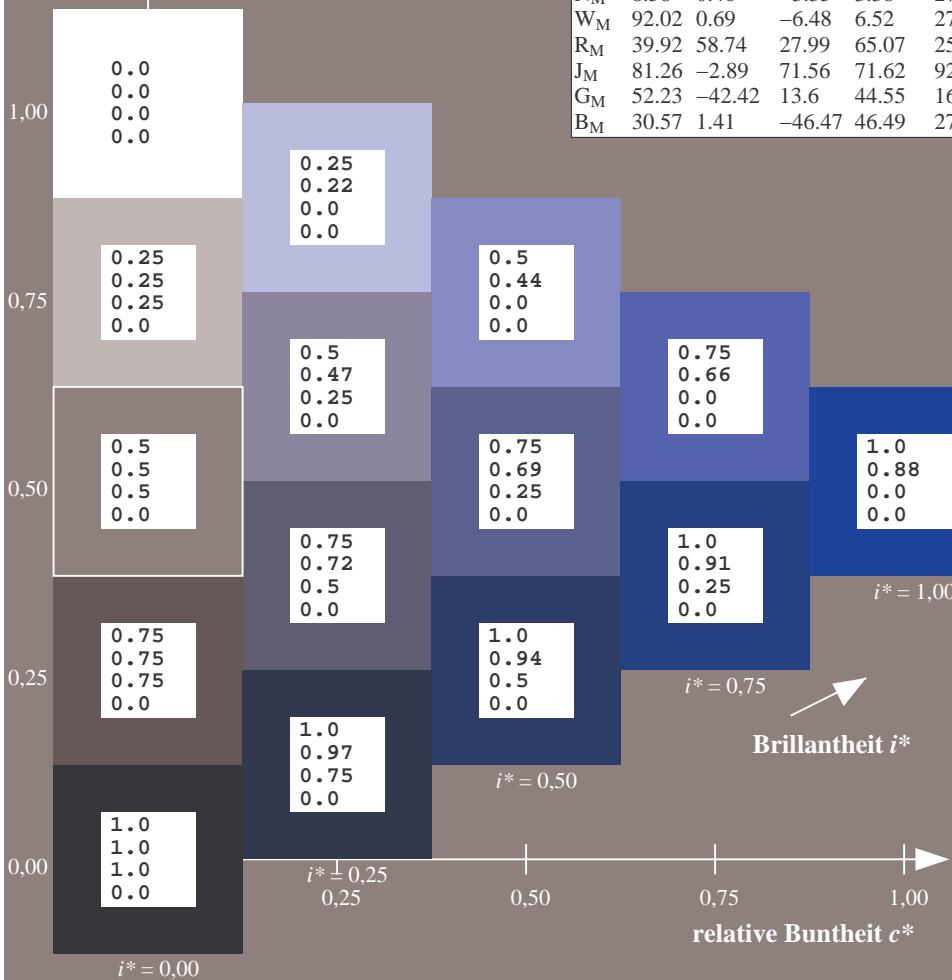
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

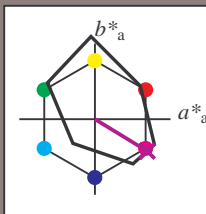
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 69 -42

$LAB^*LCH^*_{Ma}$ : 30 81 328

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b50r$   
 $LAB^*cmyn^*$

$LAB^*cmyn^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

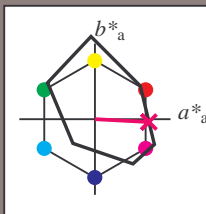
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m34o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	35.06	60.53	39.66	72.37	33
Y <sub>M</sub>	83.77	-4.5	103.15	103.25	92
L <sub>M</sub>	44.13	-62.11	43.56	75.86	145
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	232
V <sub>M</sub>	14.15	50.78	-62.6	80.61	309
M <sub>M</sub>	37.37	79.18	-37.93	87.8	334
N <sub>M</sub>	8.58	0.46	-3.35	3.38	278
W <sub>M</sub>	92.02	0.69	-6.48	6.52	276
R <sub>M</sub>	39.92	58.74	27.99	65.07	25
J <sub>M</sub>	81.26	-2.89	71.56	71.62	92
G <sub>M</sub>	52.23	-42.42	13.6	44.55	162
B <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 36 71 -4

$LAB^*LCH^*_{Ma}$ : 36 72 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*cmy^n^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



	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* <sup>92</sup>
01	000																																					

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg36/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: [http://www.ps.bam.de/Version 2.1,io=1,1,Col5px=0](http://www.ps.bam.de/Version%202.1,io=1,1,Col5px=0)