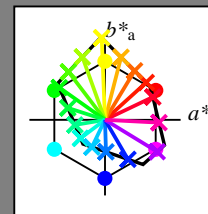


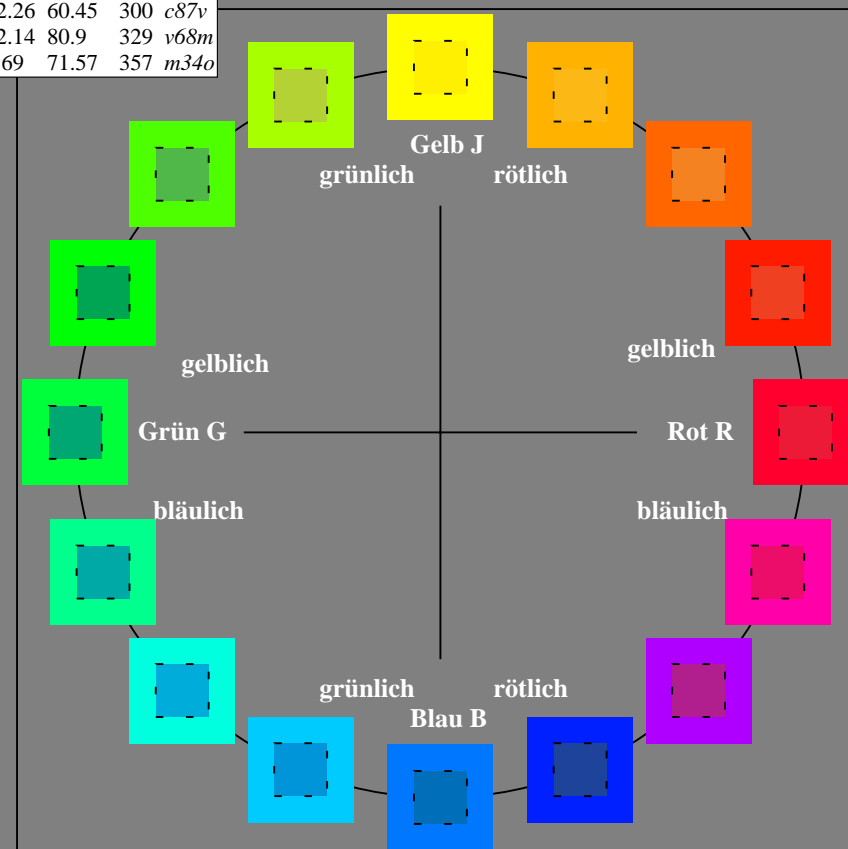
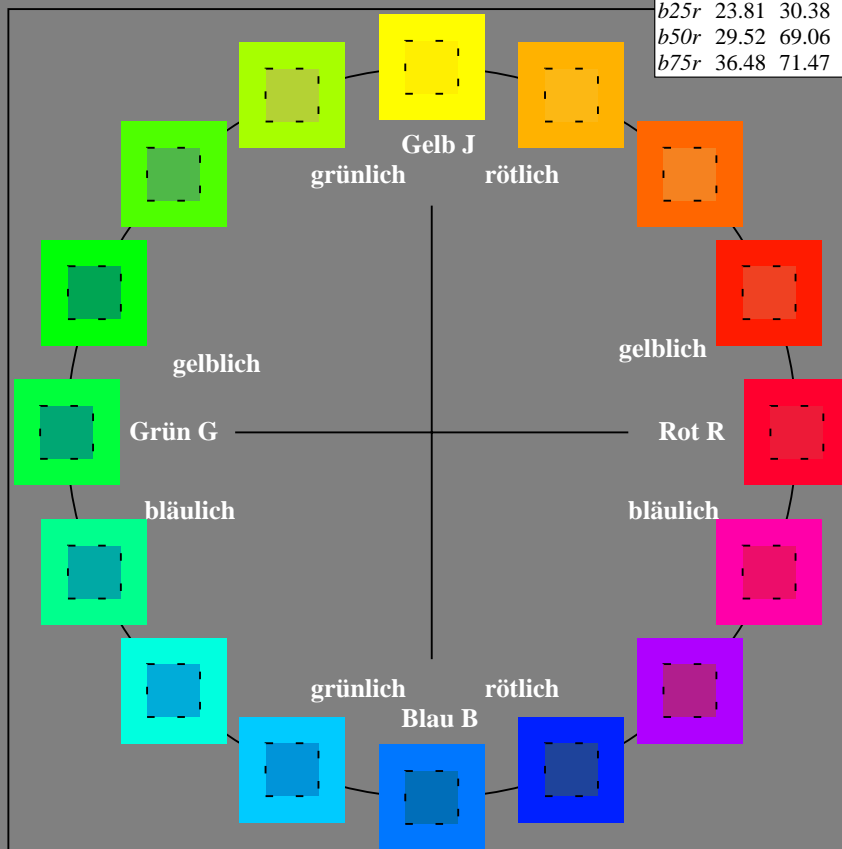
Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92a  
Daten für jede Farbe:  
 $u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, ..., b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

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: 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  $lab^*icu^*$

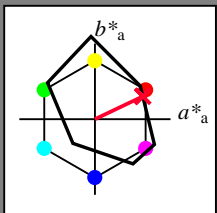
Bunttontexte:

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

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

$u^*_{rel} = 109$

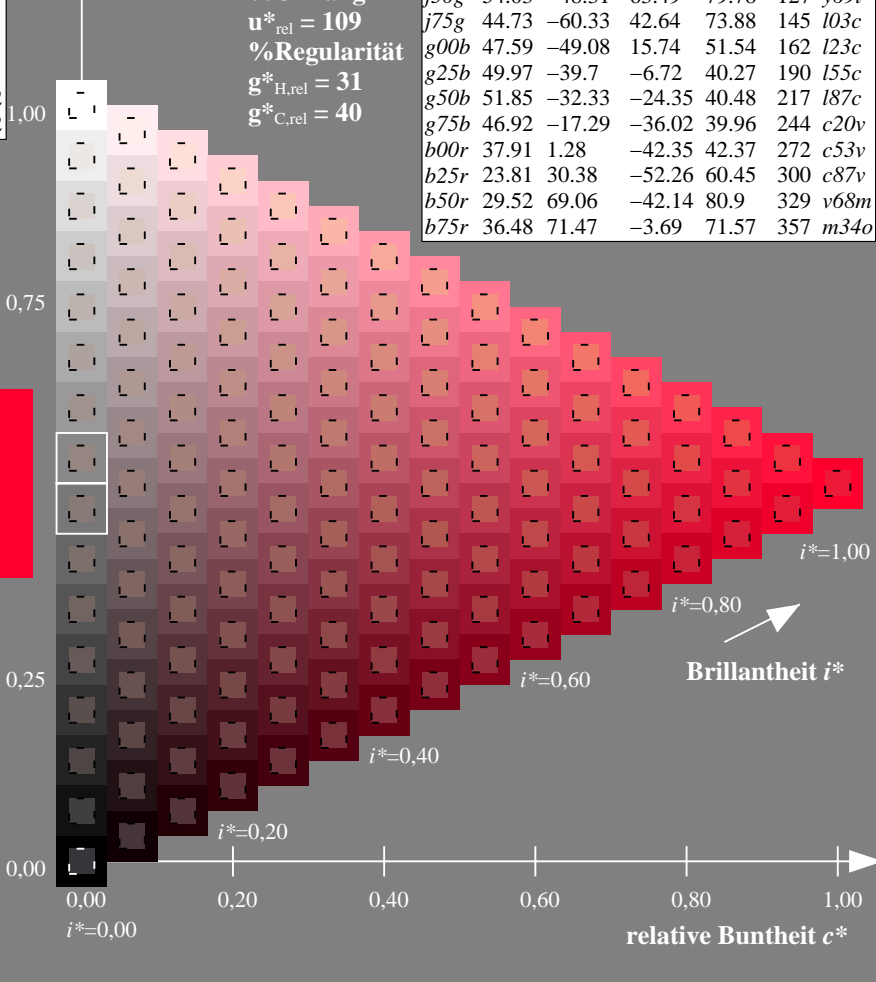
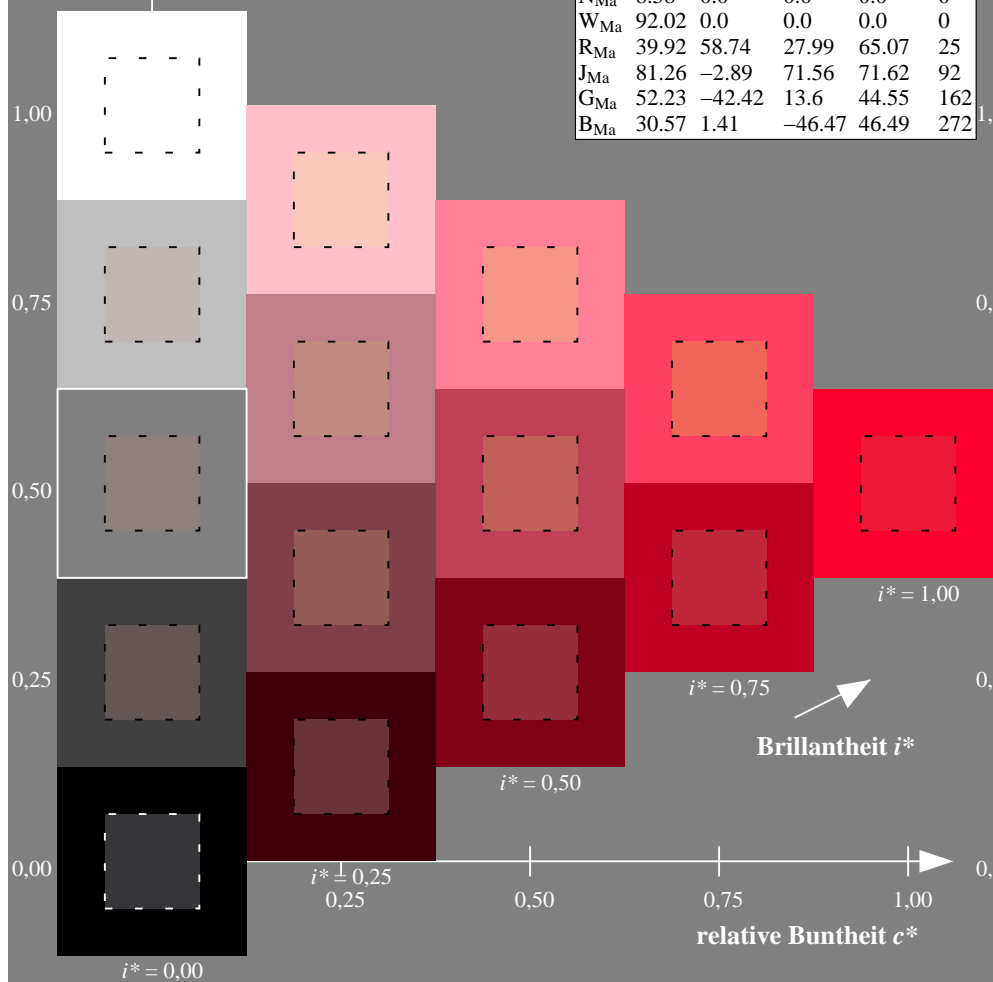
%Regularität

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

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

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: 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  $lab^*icu^*$

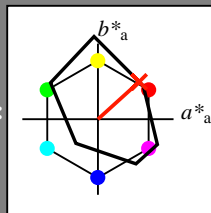
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; 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

$u^*_{rel} = 109$

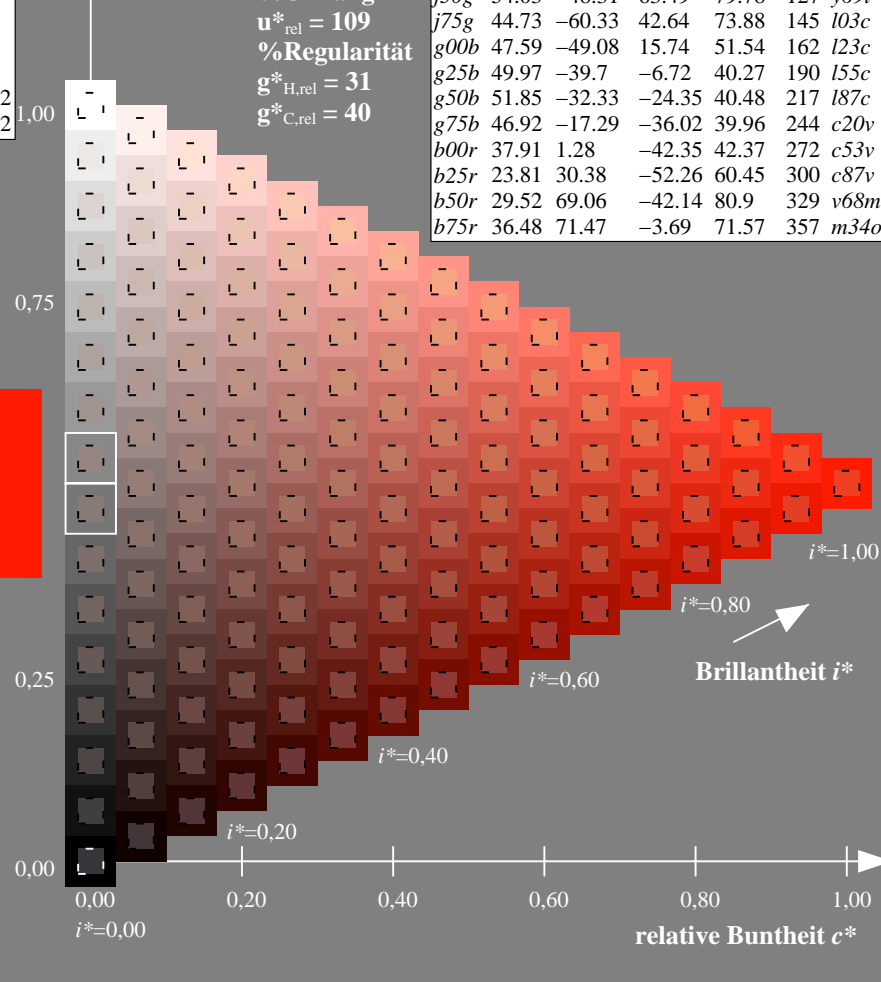
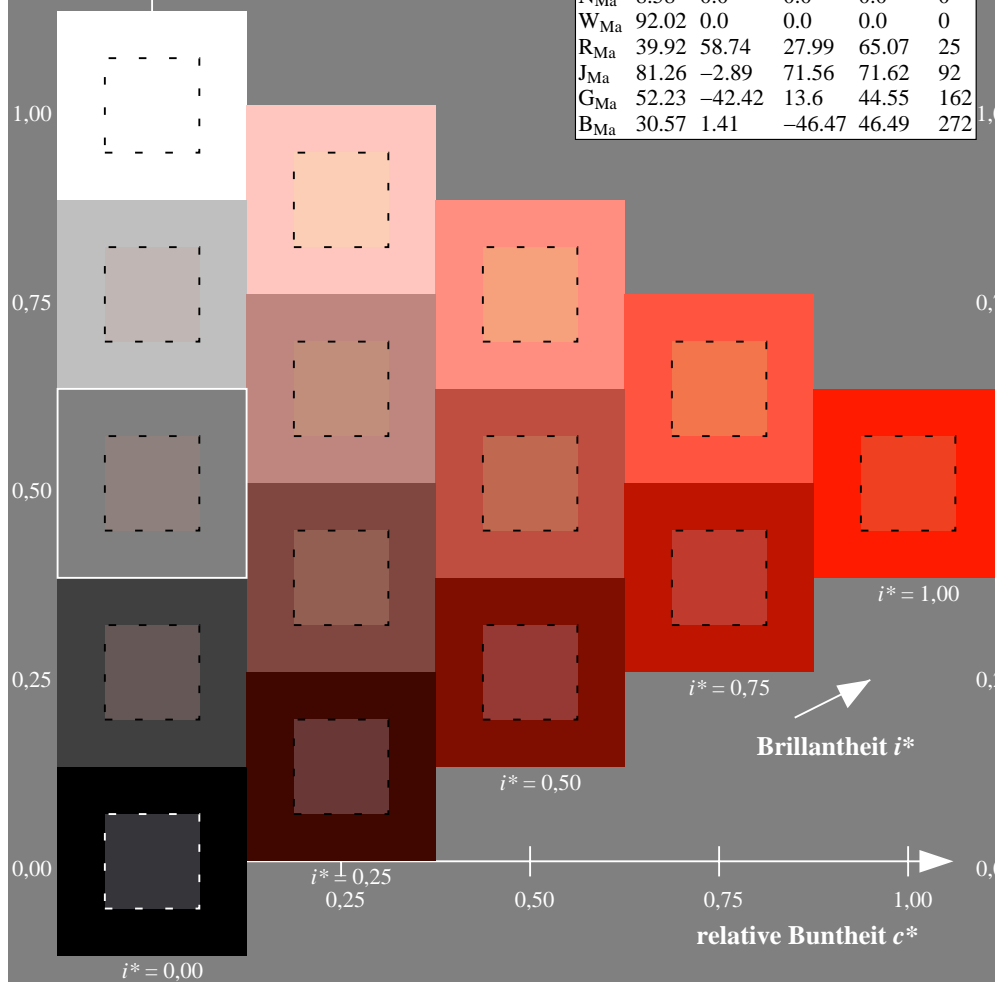
%Regularität

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

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

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

Daten für jede Farbe:

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

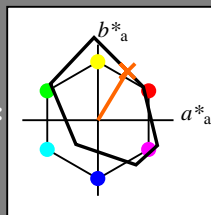
Bunttontexte:

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

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

$u^*_{rel} = 109$

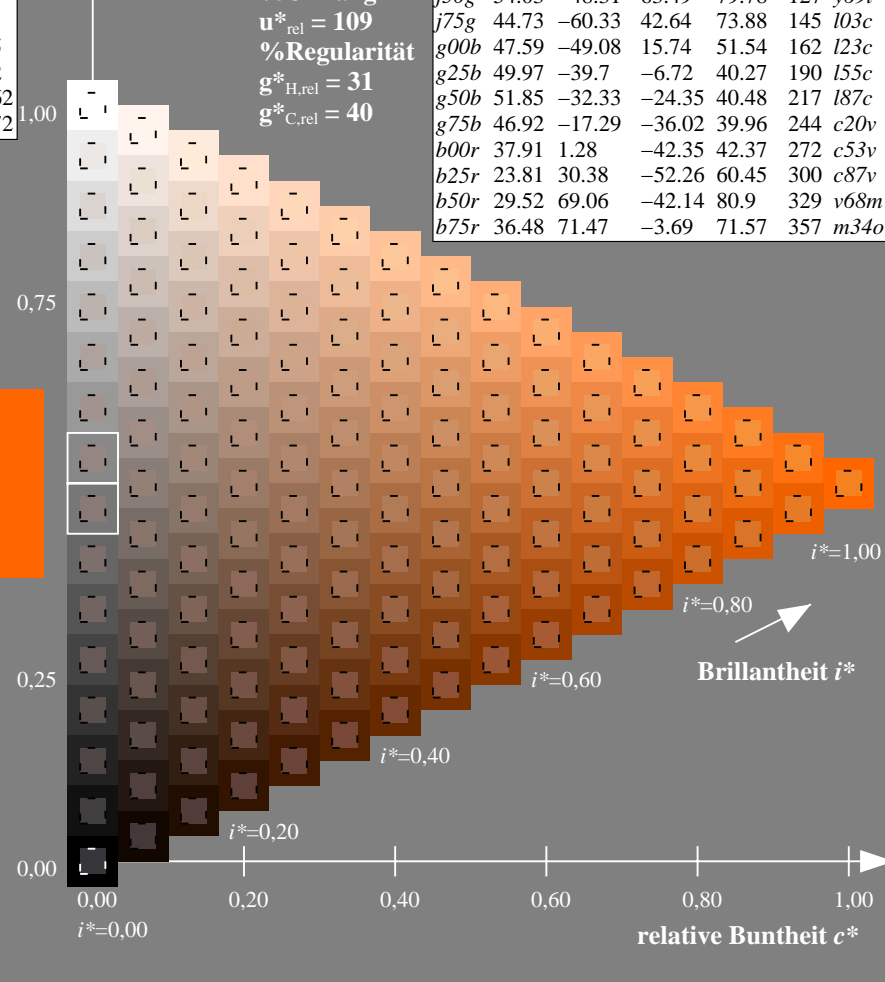
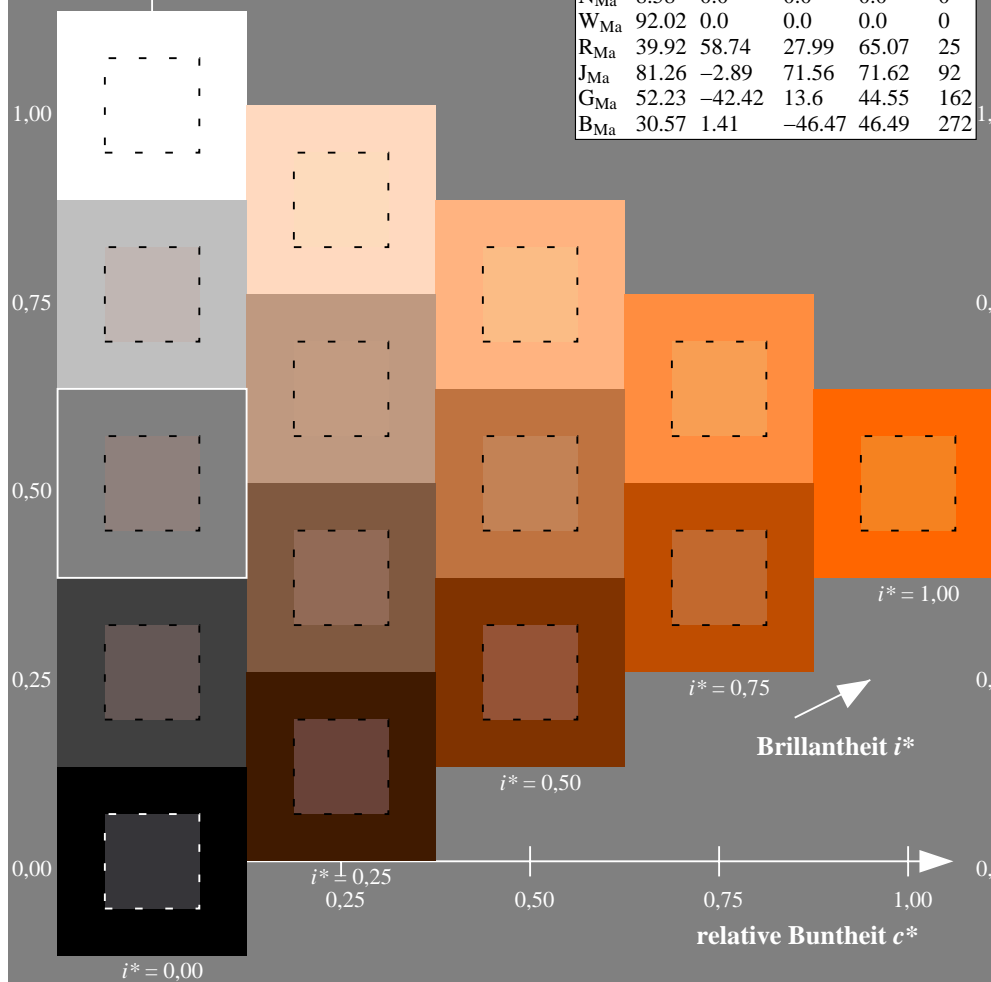
%Regularität

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

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

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: 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  $lab^*icu^*$

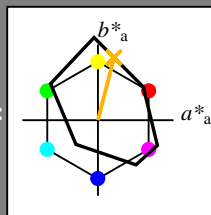
Bunttontexte:

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

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

$u^*_{rel} = 109$

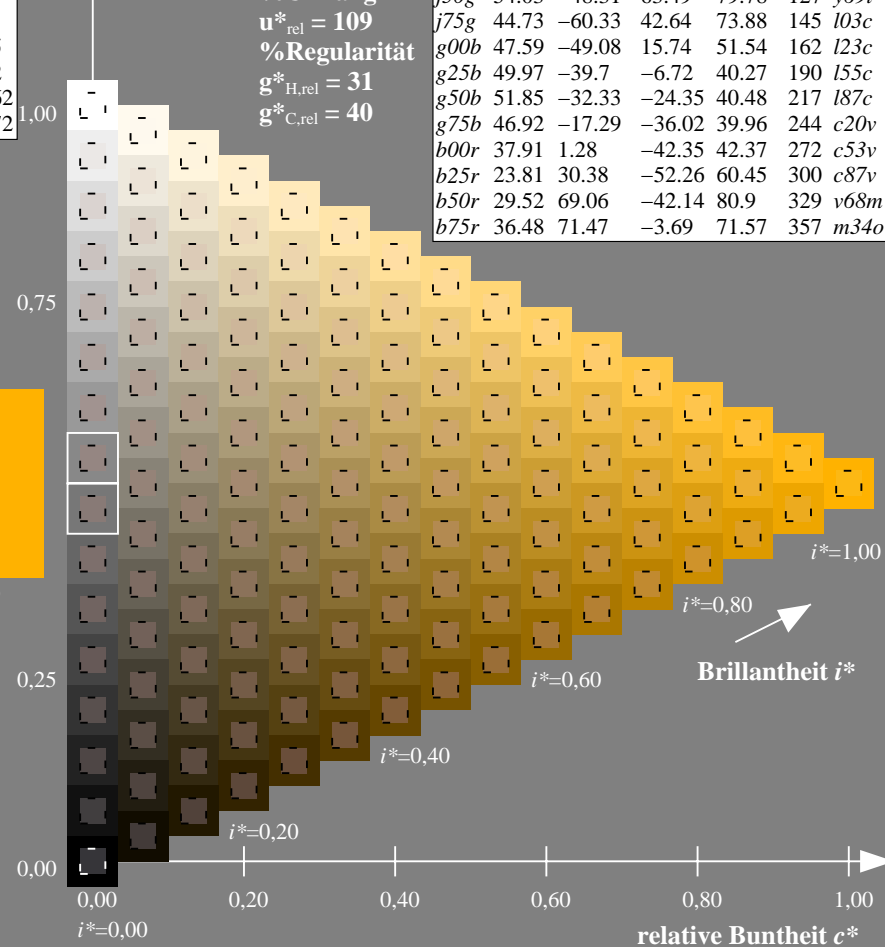
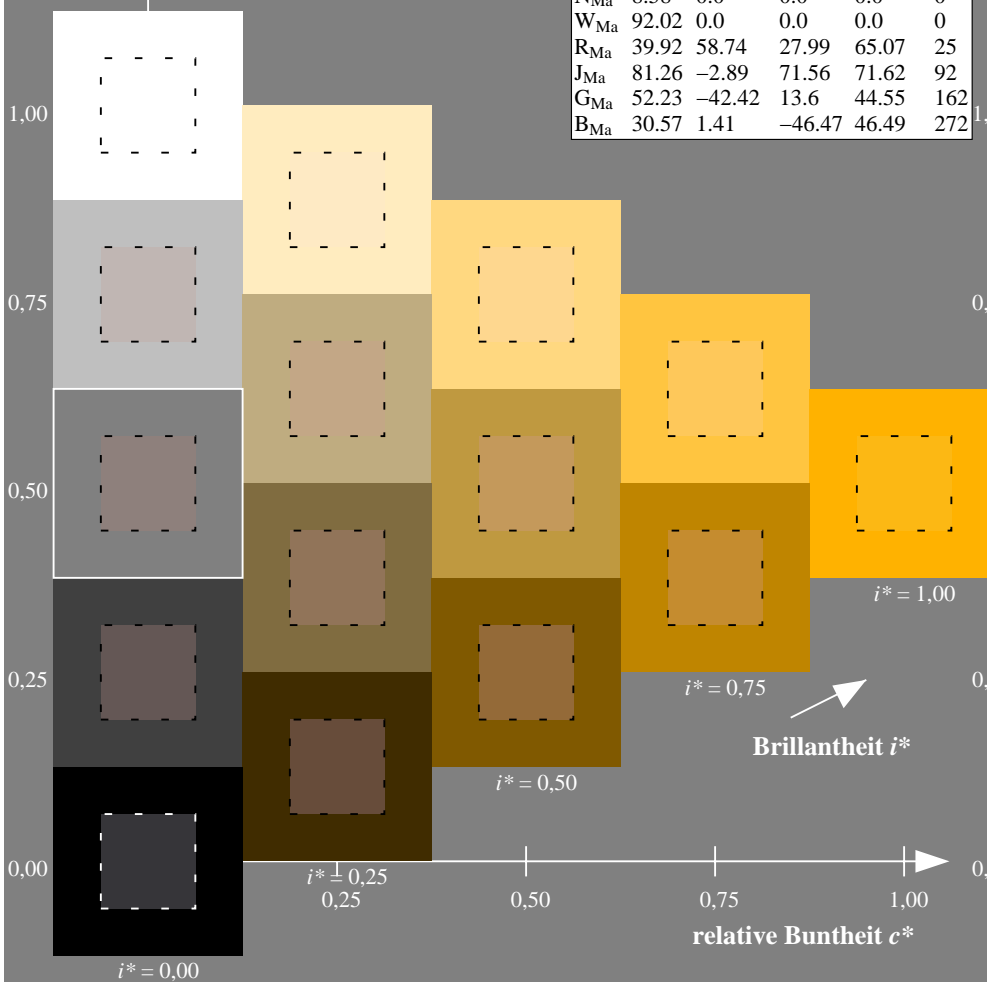
%Regularität

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

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

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: 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  $lab^*icu^*$

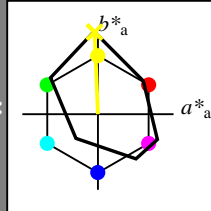
Bunttontexte:

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

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

$u^*_{rel} = 109$

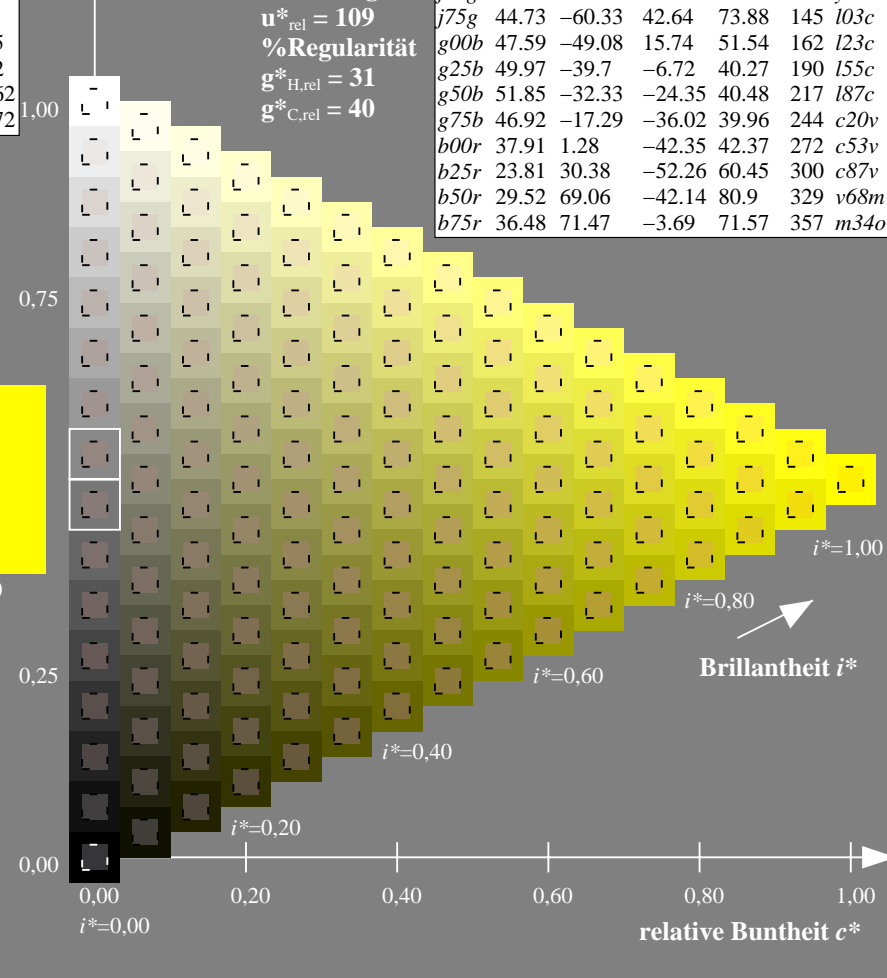
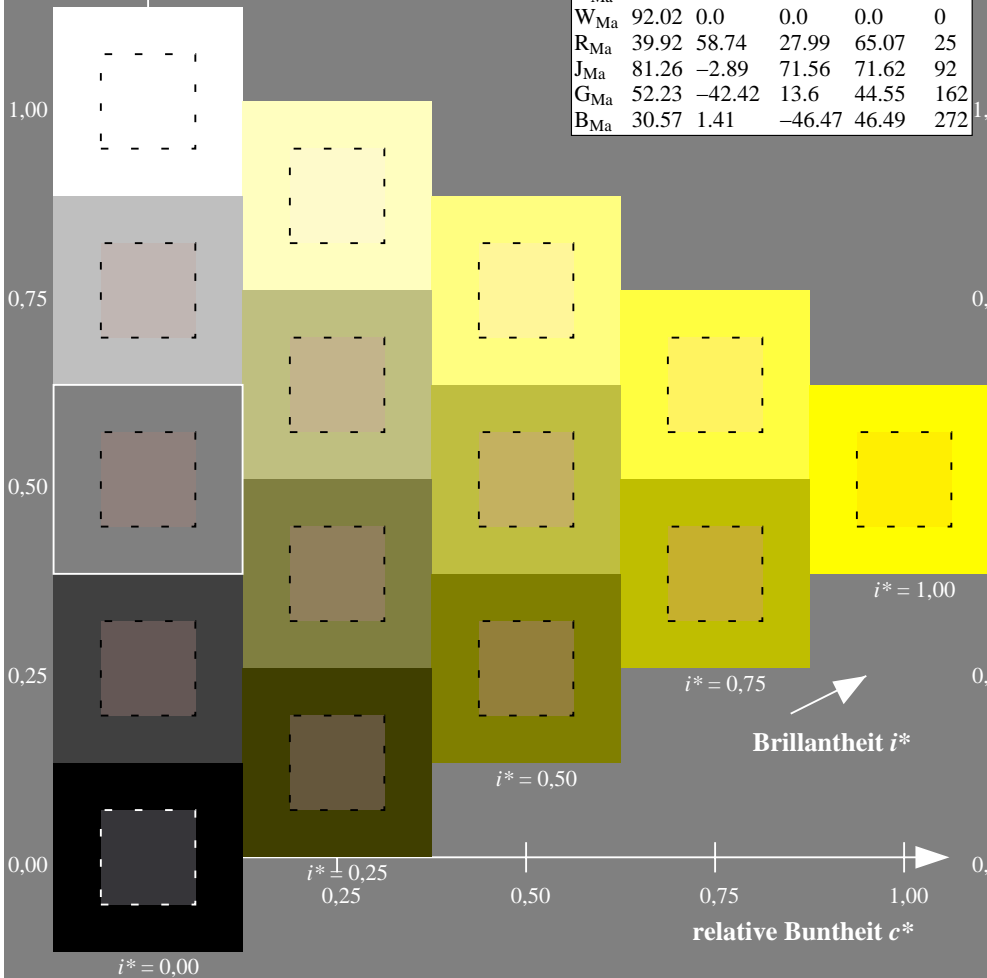
%Regularität

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

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

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



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  $lab^*icu^*$

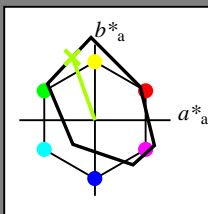
Bunttontexte:

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

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

$u^*_{rel} = 109$

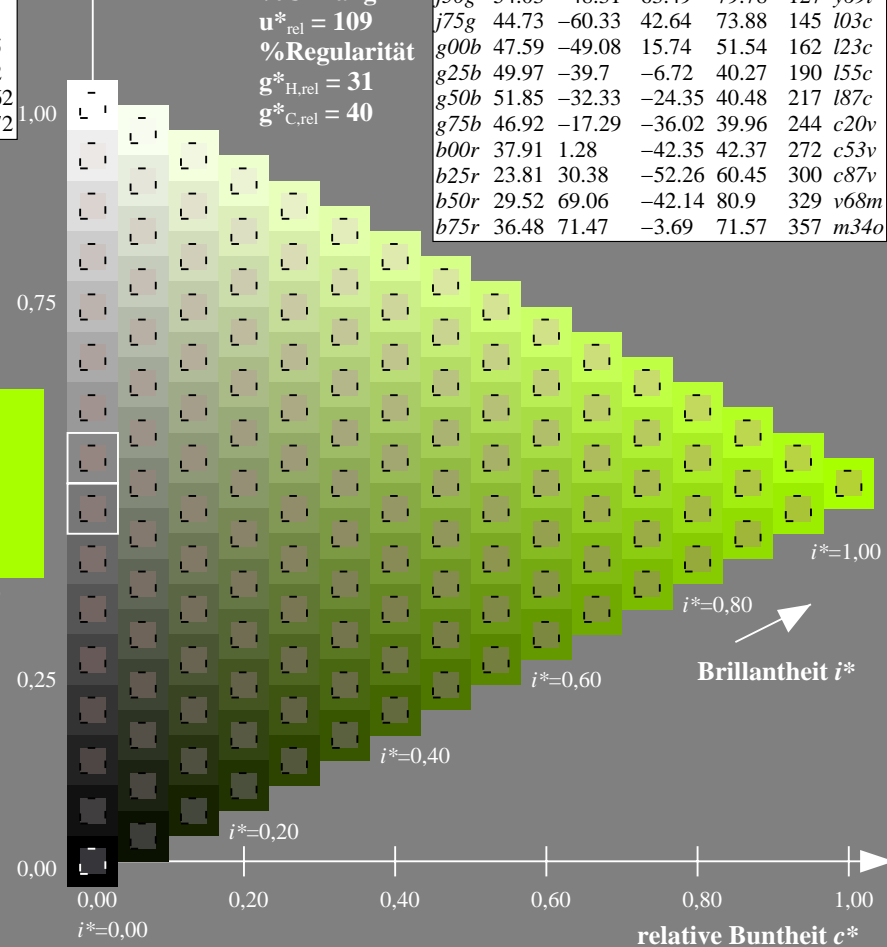
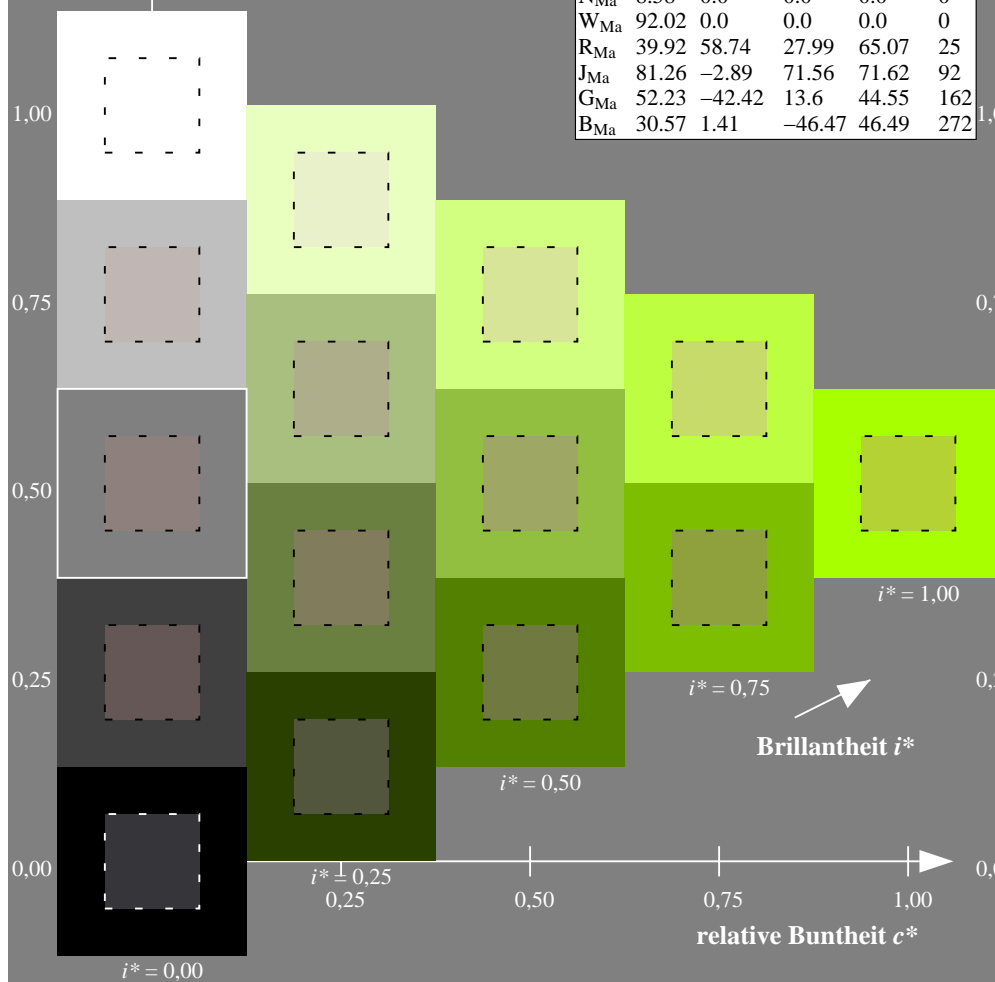
%Regularität

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

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

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

Daten für jede Farbe:

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

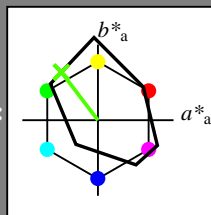
Bunttontexte:

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

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

$u^*_{rel} = 109$

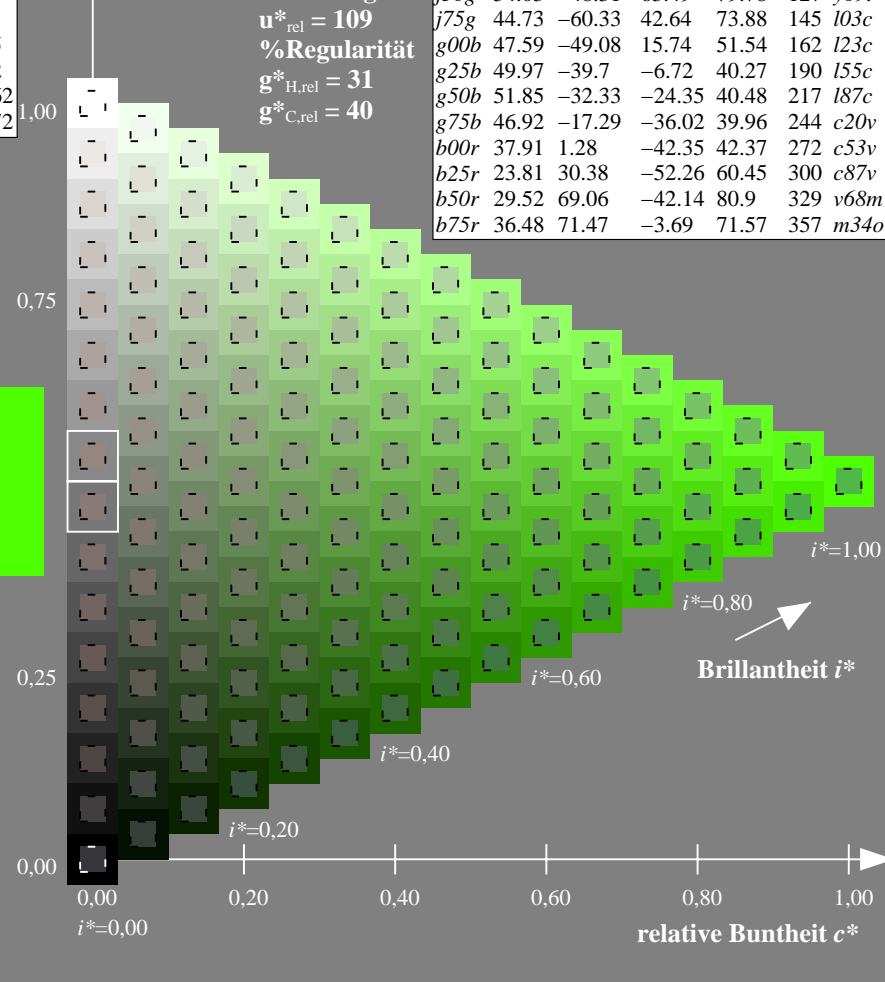
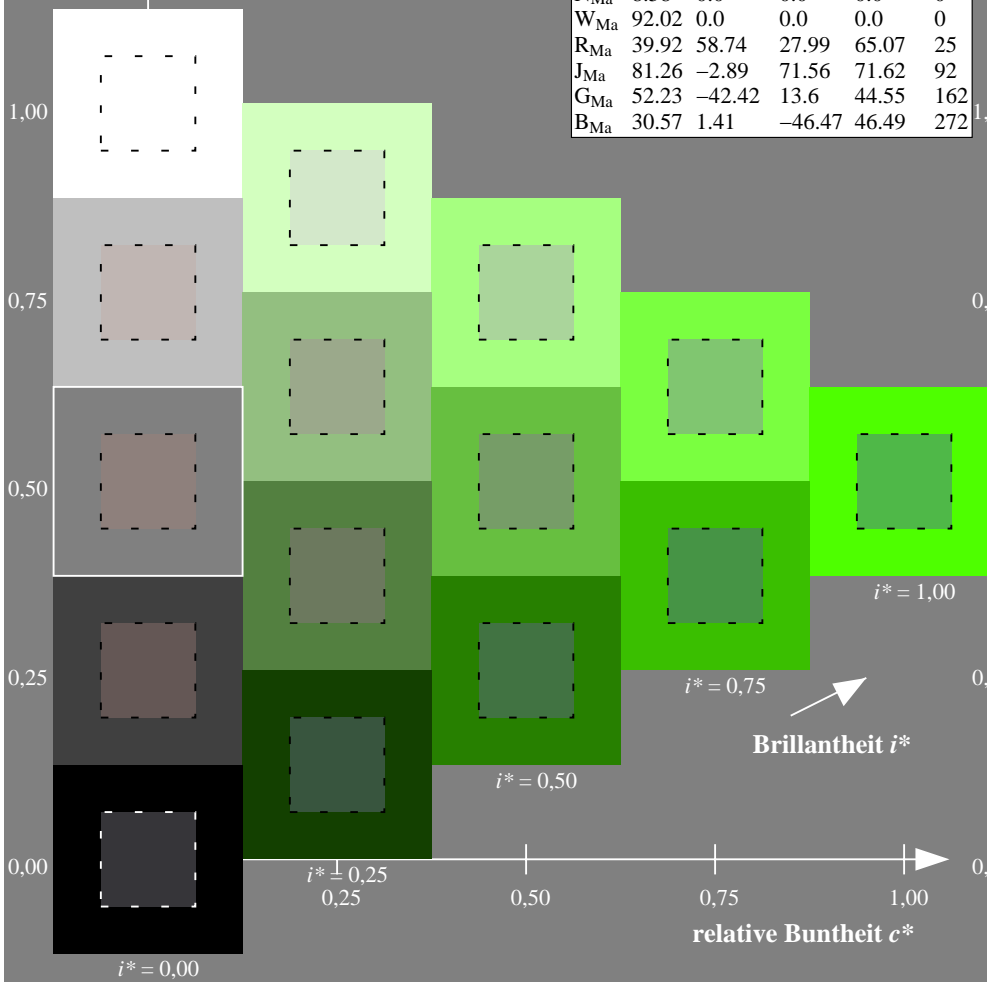
%Regularität

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

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

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:

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

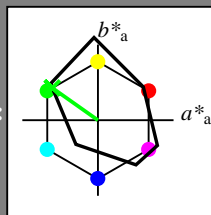
Bunttontexte:

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

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

$u^*_{rel} = 109$

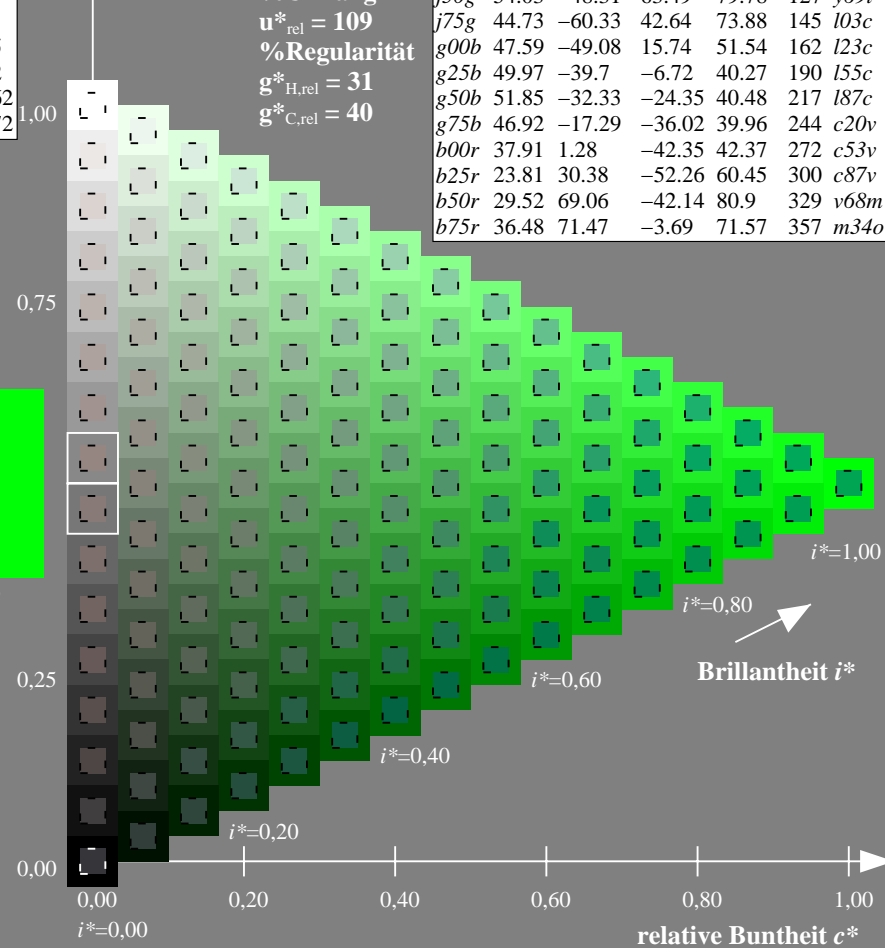
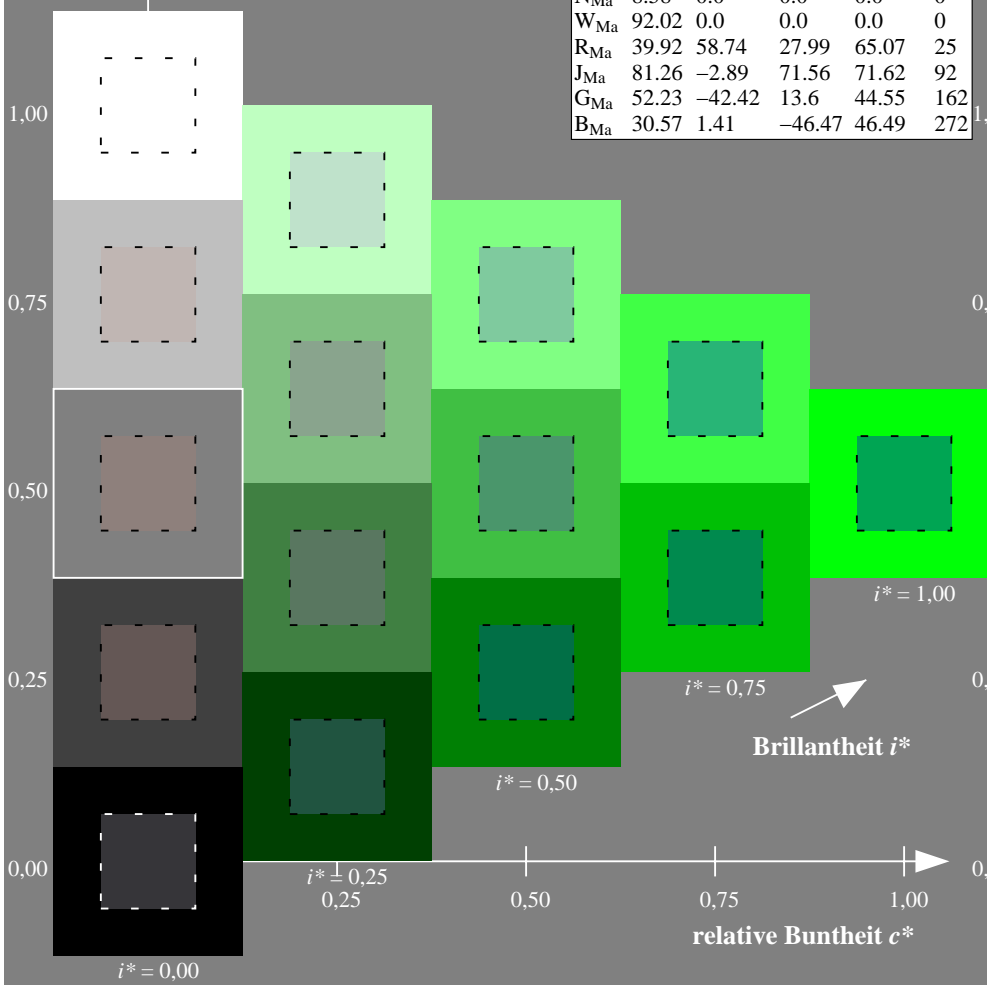
%Regularität

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

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

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



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

Daten für jede Farbe:

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

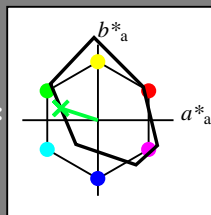
Bunttontexte:

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

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

$u^*_{rel} = 109$

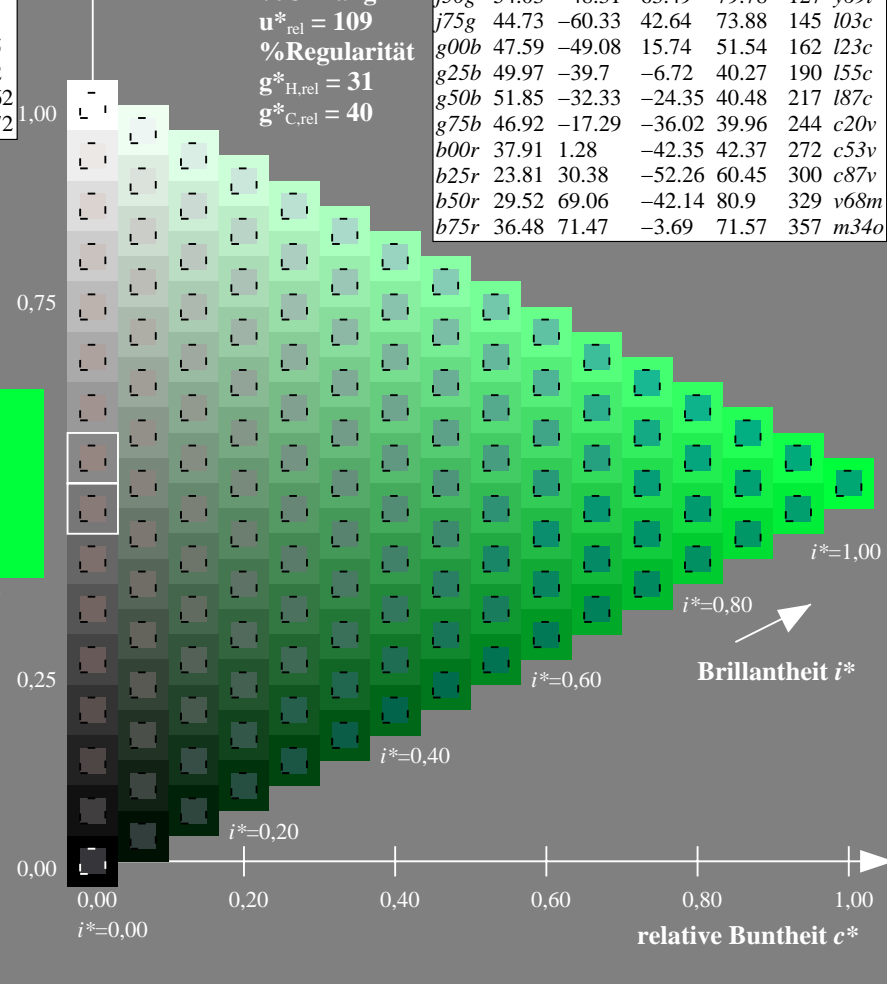
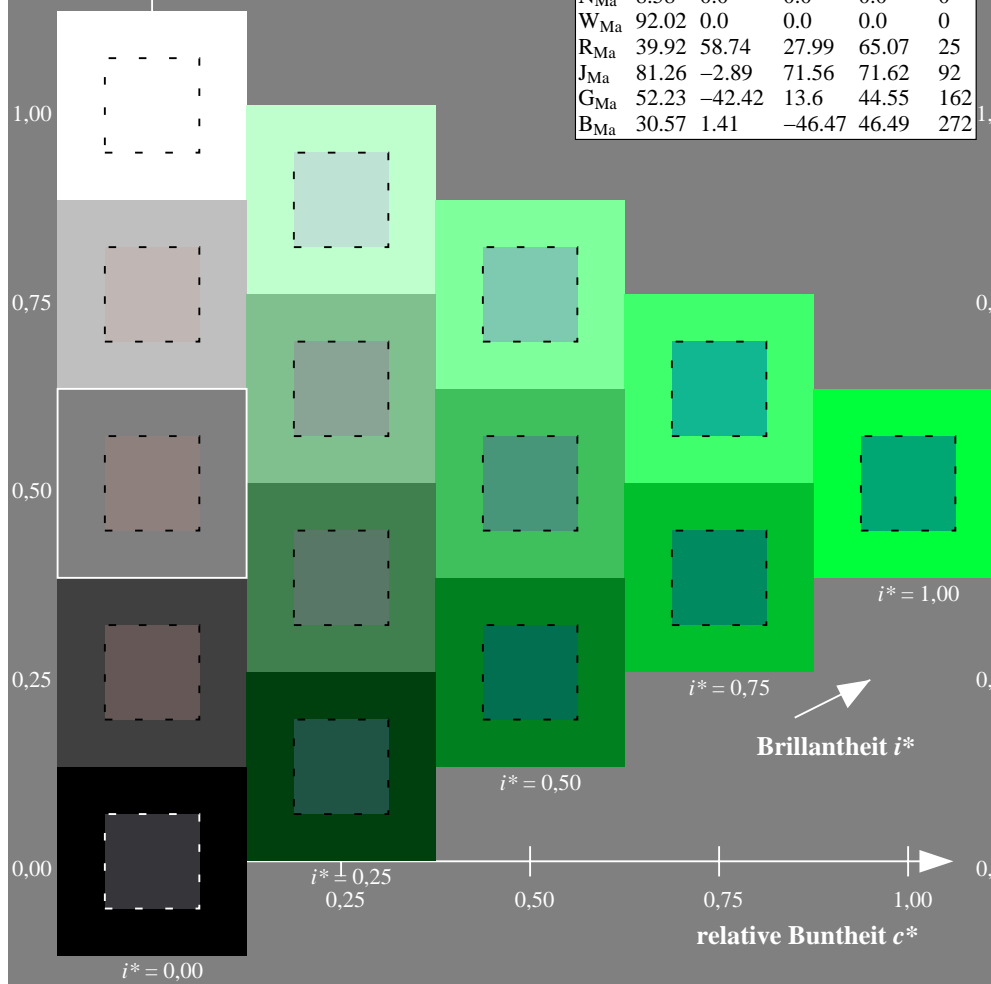
%Regularität

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

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

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  $lab^*icu^*$

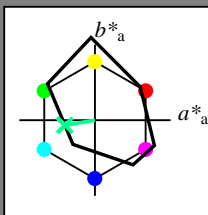
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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  $t^*$

%Umfang

$u^*_{rel} = 109$

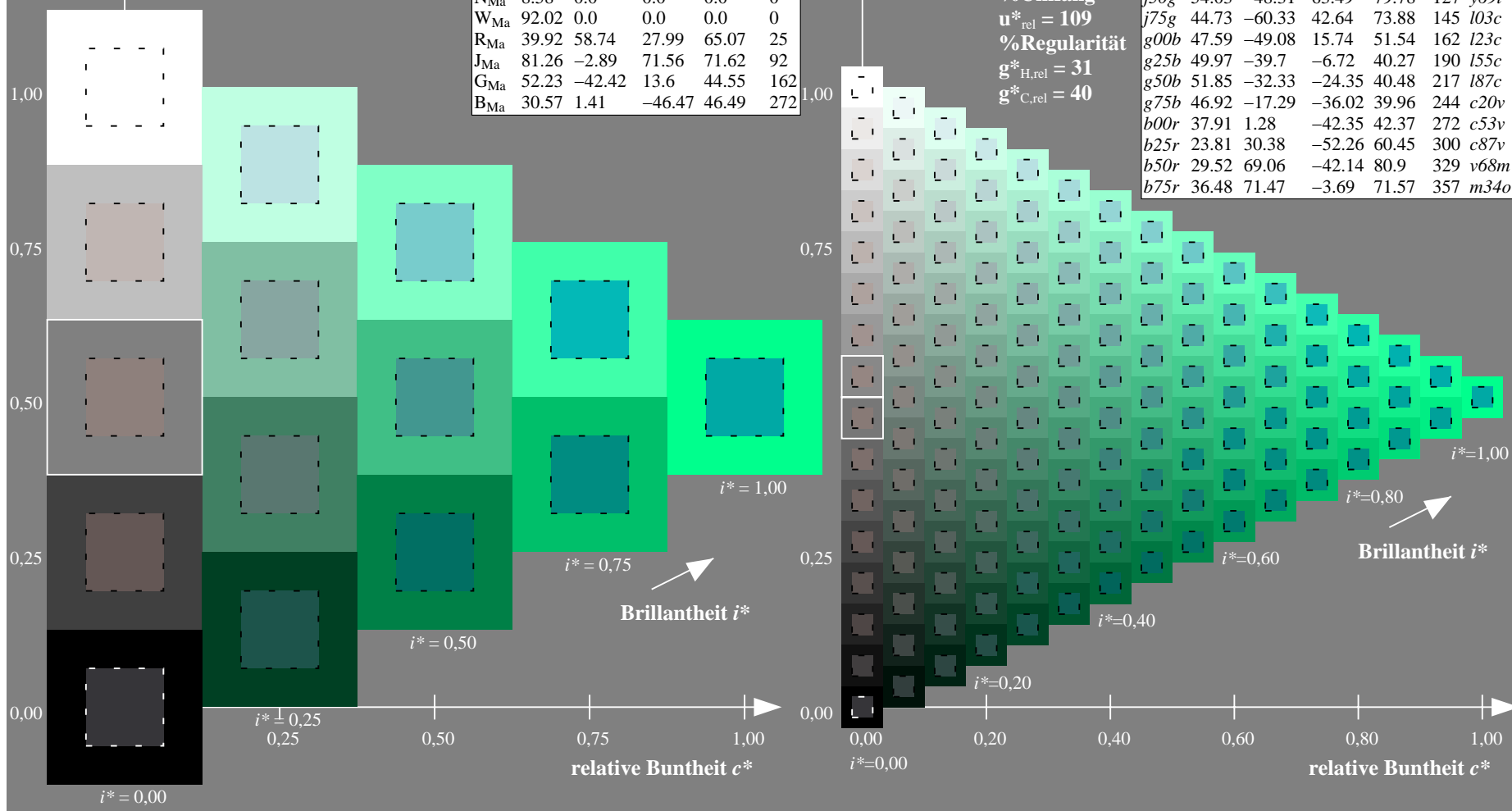
%Regularität

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

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

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:

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

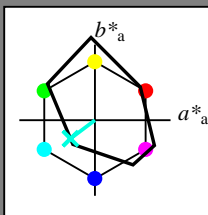
Bunttontexte:

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

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

$u^*_{rel} = 109$

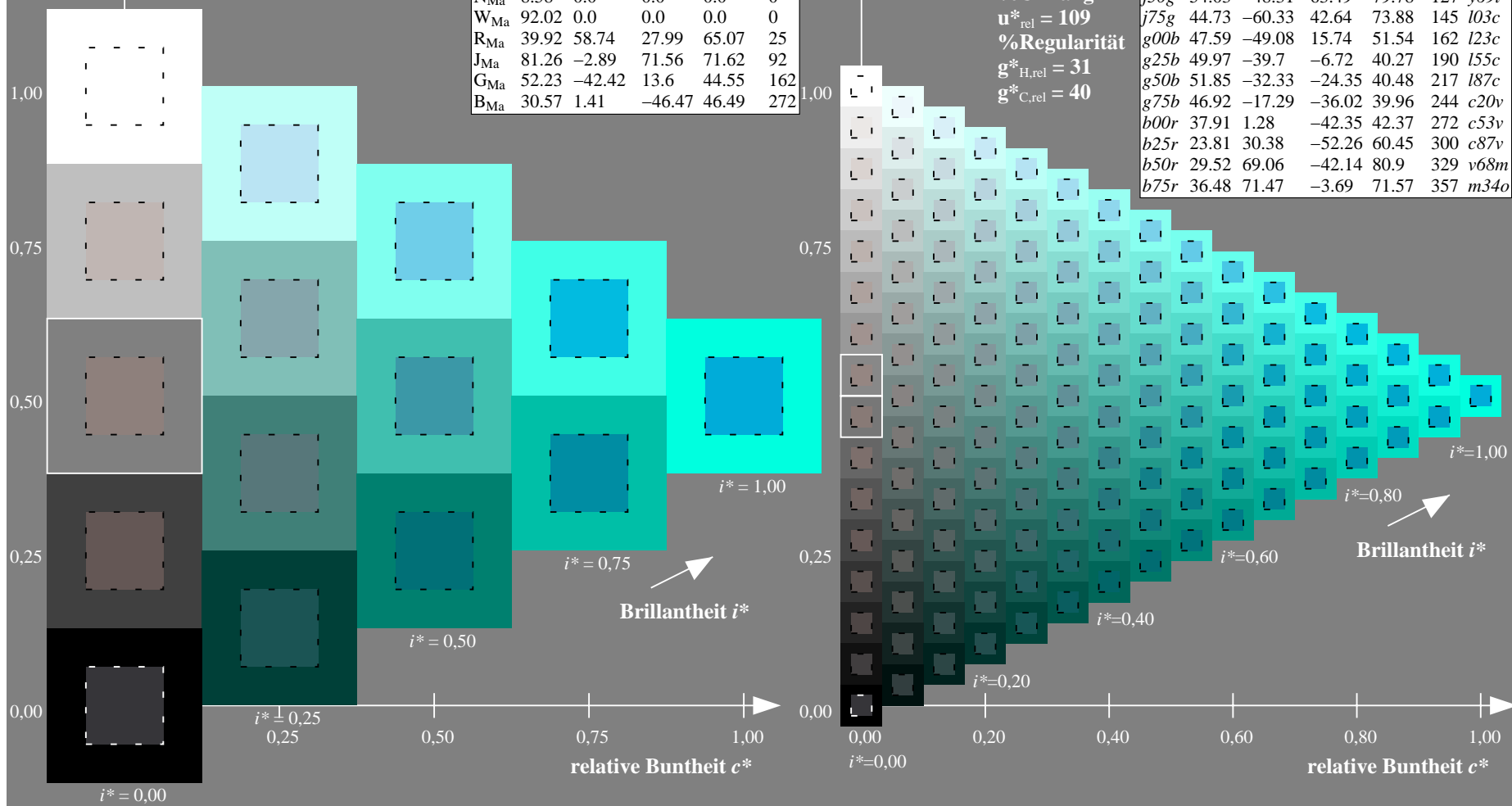
%Regularität

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

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

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: Farbmétrisches 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\**

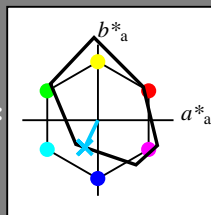
## Bunttexte:

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

**Kontrastreduzierungsfaktor:**

$$c_R = 1.0$$

### 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\*Ma: 47 -17 -36**

**LAB\*LCH\*Ma: 47 40 244**

*LAB*\**LCH*\*<sub>Ma</sub>: 47 40 24  
11\* 1\* 00 05 10

*lab\*rgb*<sub>Ma</sub>: 0.0 0.5 1.0

*lab\*olv\**Ma: 0.0 0.8 1.0

### Dreiecks-Helligkeit $t^*$

**Exercises Hemoglobin:**

**%Umfang**

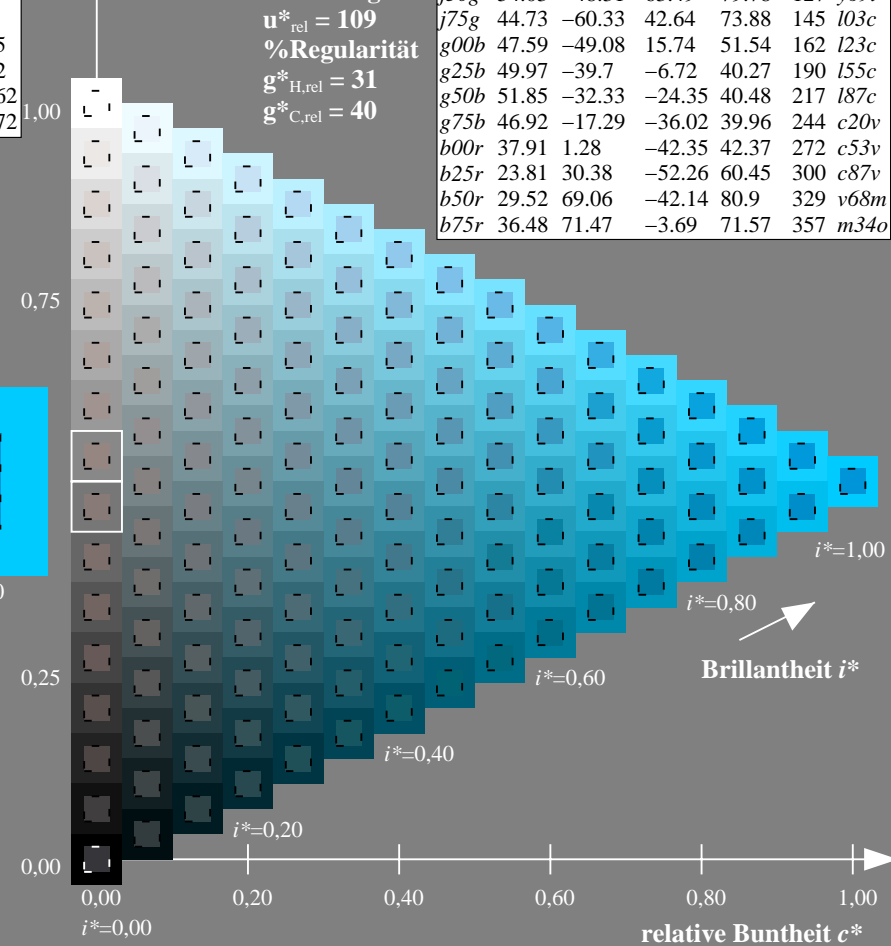
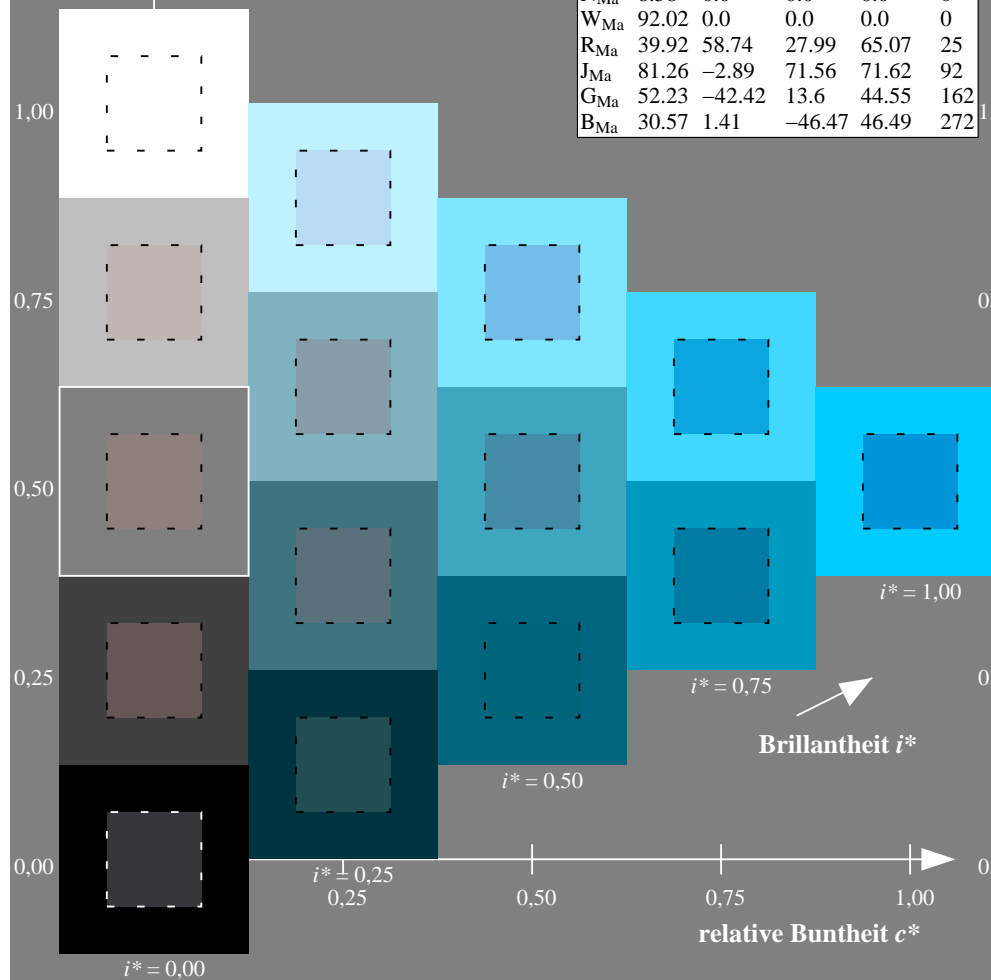
$$\mathbf{u}_{\text{rel}}^* = 109$$

**%Regular**

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

100

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  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

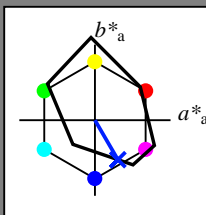
Bunttontexte:

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

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

$u^*_{rel} = 109$

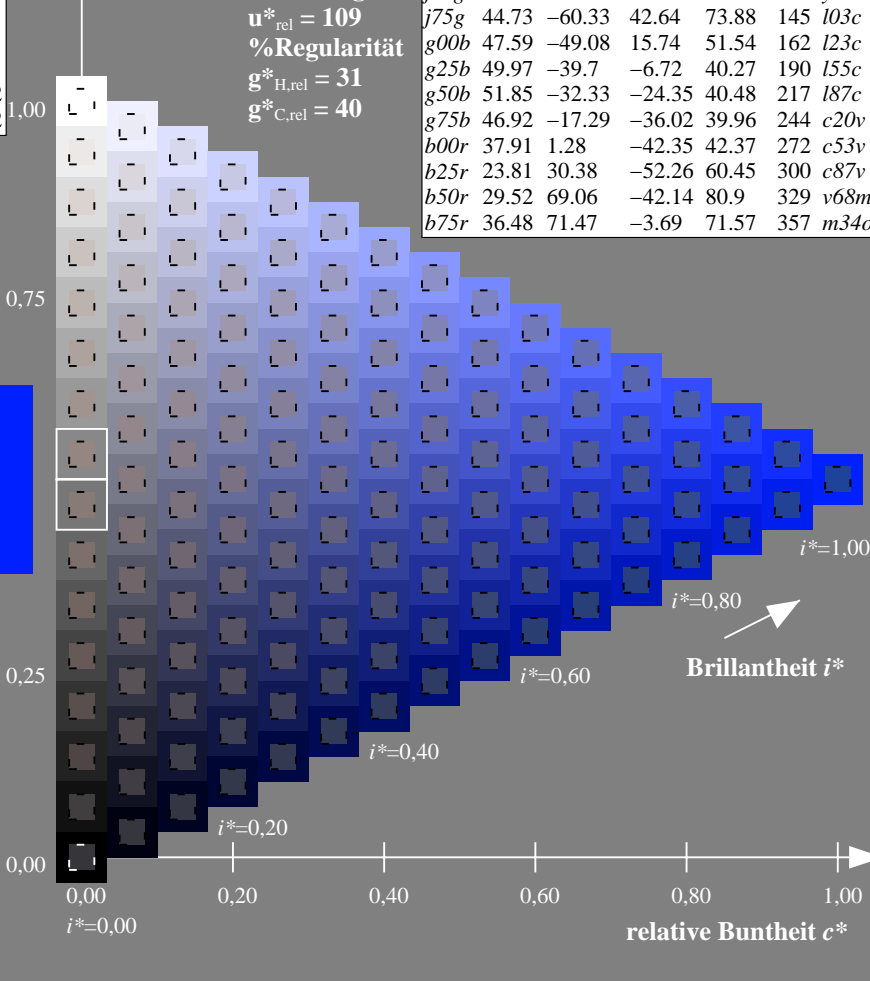
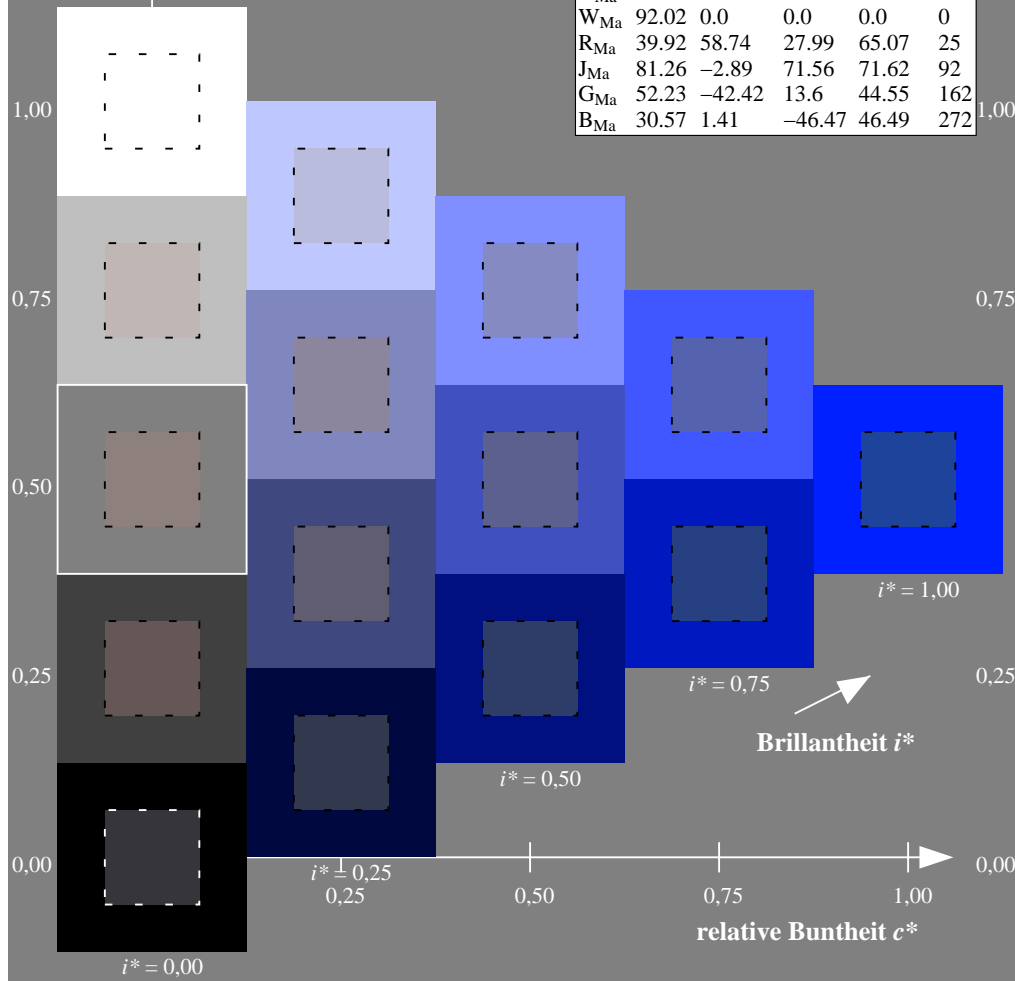
%Regularität

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

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

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







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  $lab^*icu^*$

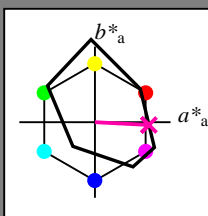
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
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):

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

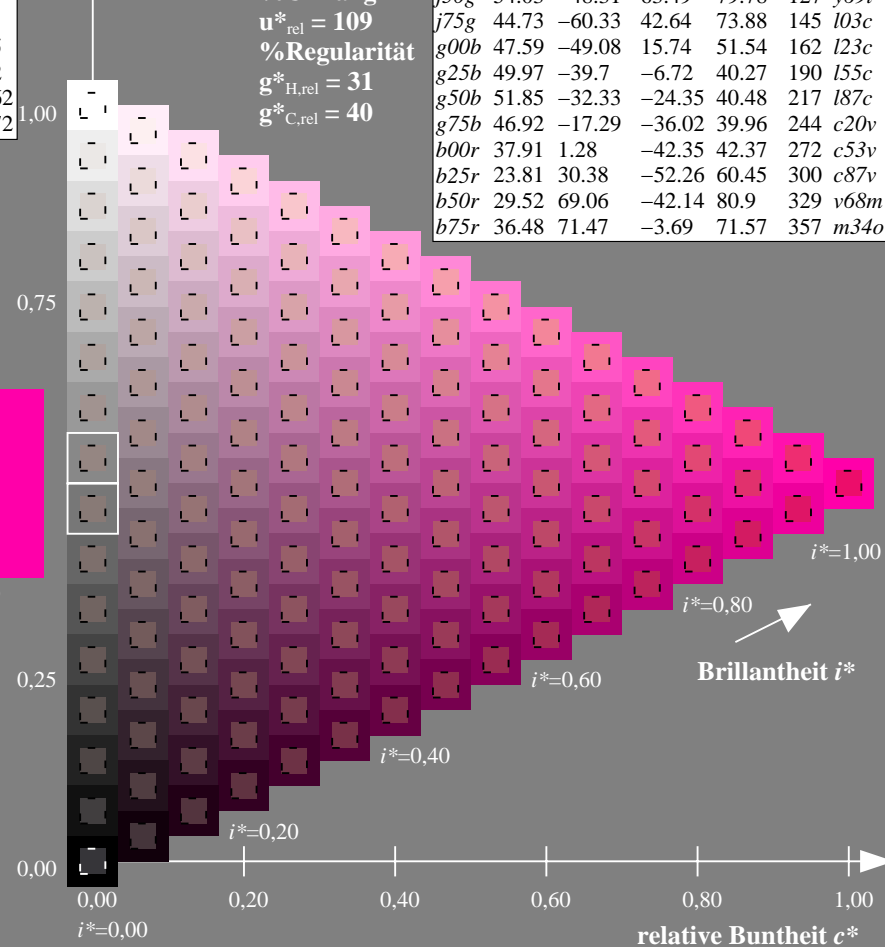
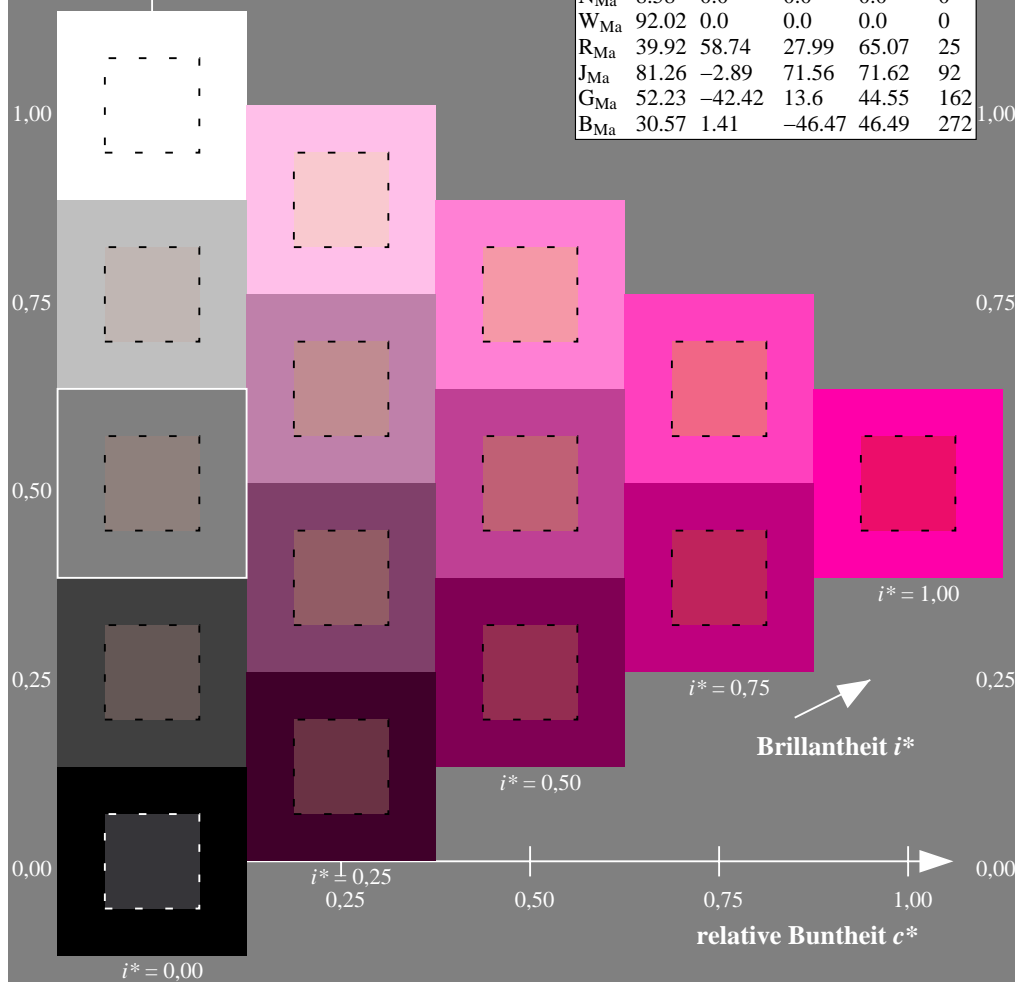
$u^*_{rel} = 109$

%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/Eg10/>; [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, ColSpx=0



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

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

Elementar-Bunttontext:

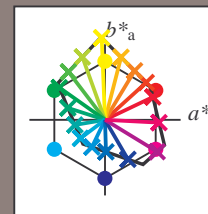
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

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

$u^*_{rel} = 109$

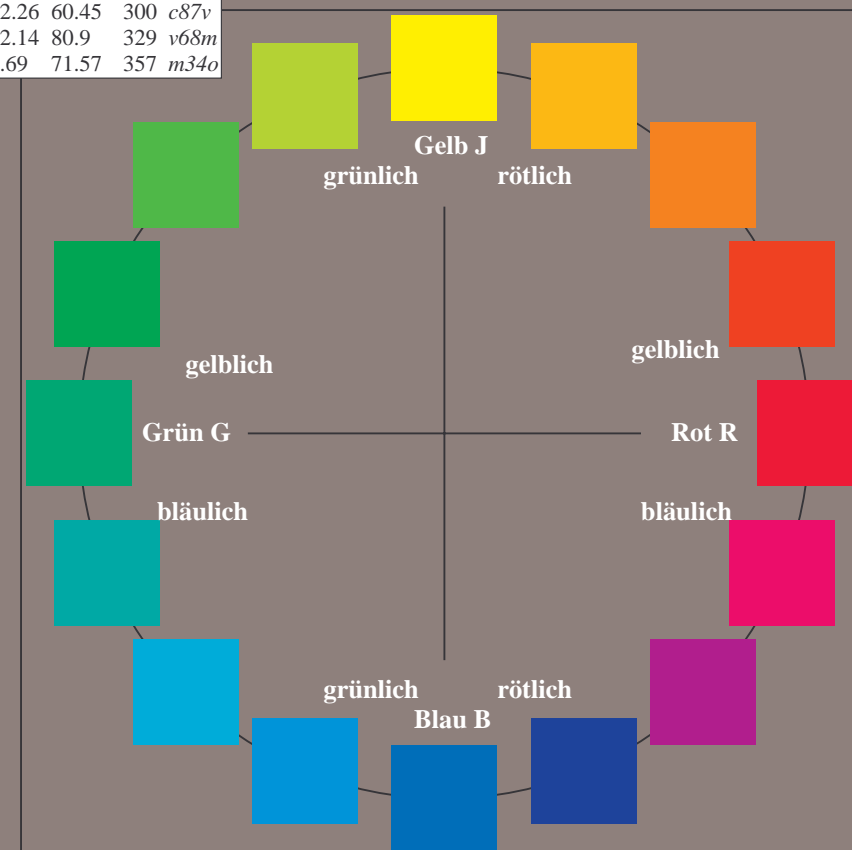
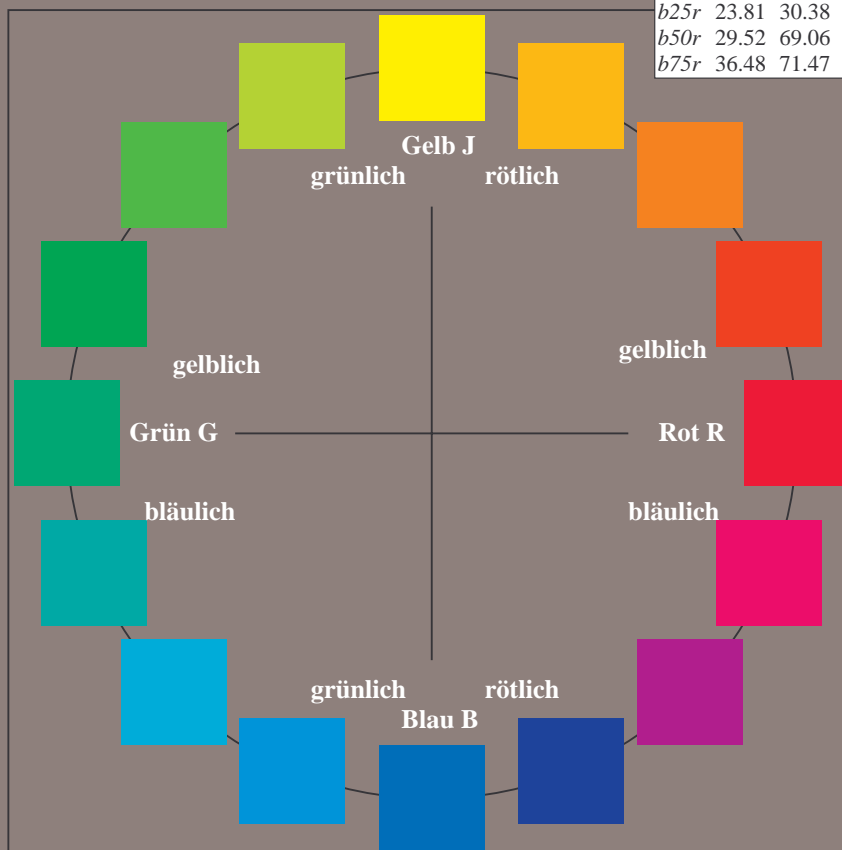
%Regularität

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

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

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



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [www.ps.bam.de/Eg10L10G00NA.PS/.TXT](http://www.ps.bam.de/Eg10L10G00NA.PS/.TXT)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSp=0

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  $lab^*icu^*$

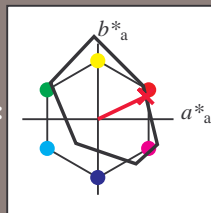
Bunttontexte:

$u_e^* = r00j$   $u_d^* = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$
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):

$LAB^*LAB^*Ma$ : 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

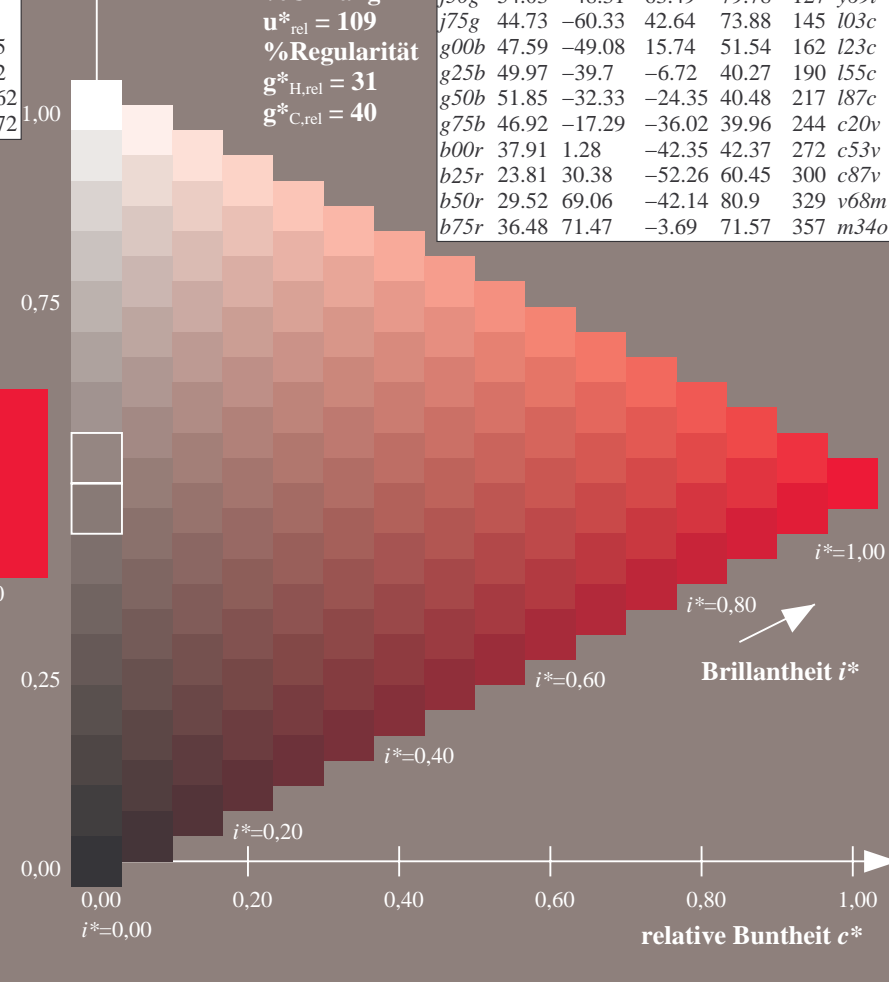
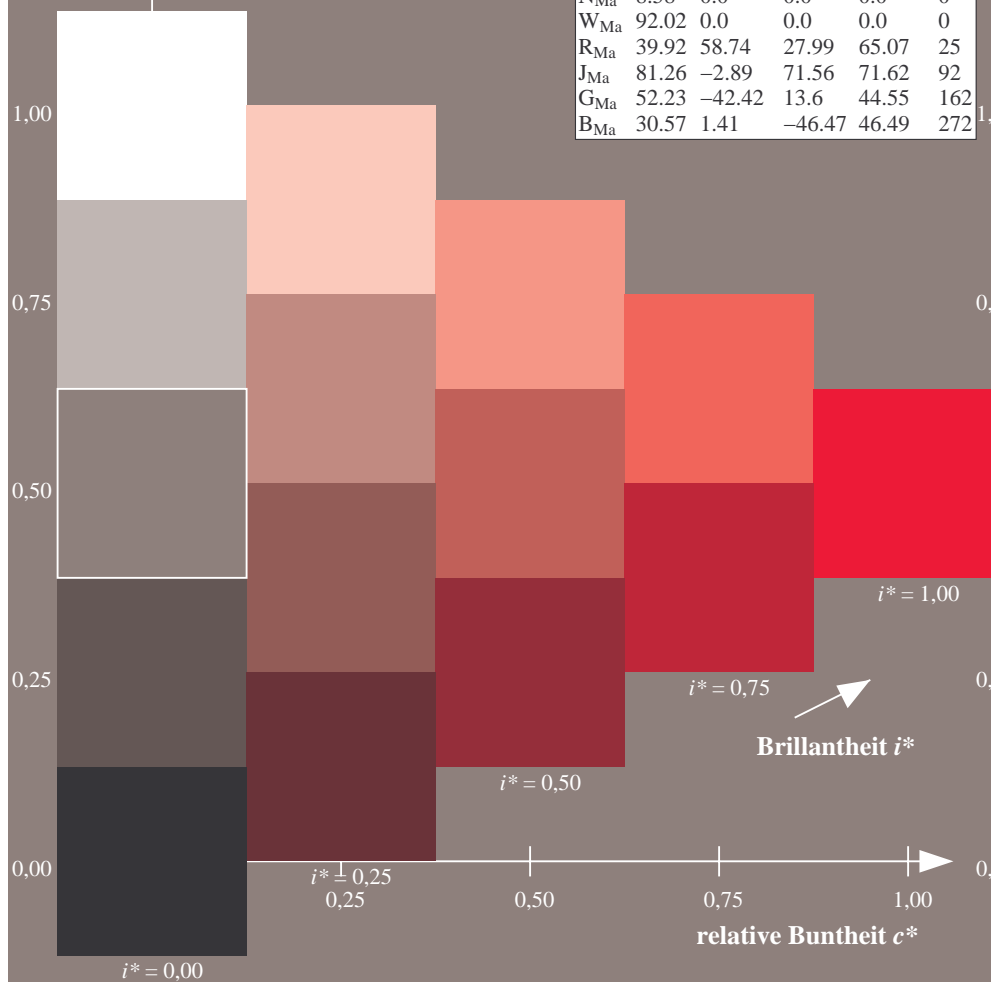
$u_{rel}^* = 109$

%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  $lab^*icu^*$

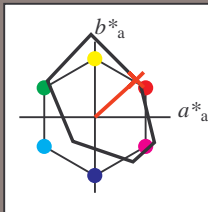
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_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

$u_{rel}^* = 109$

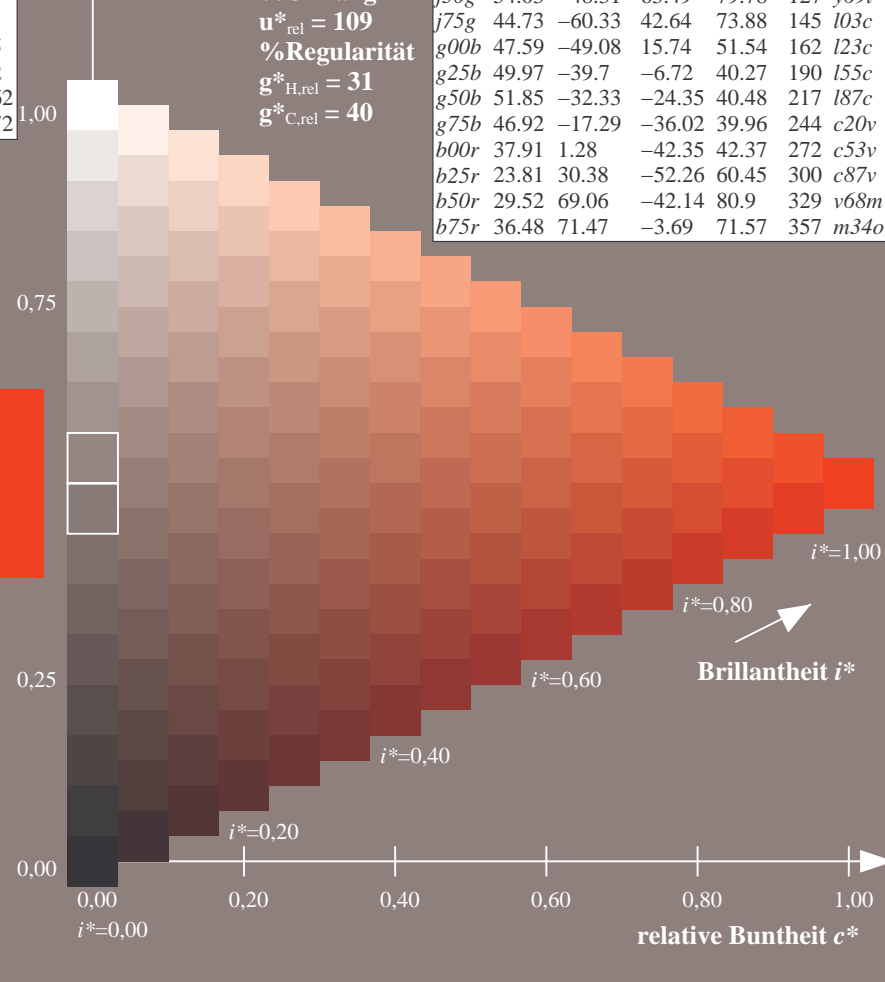
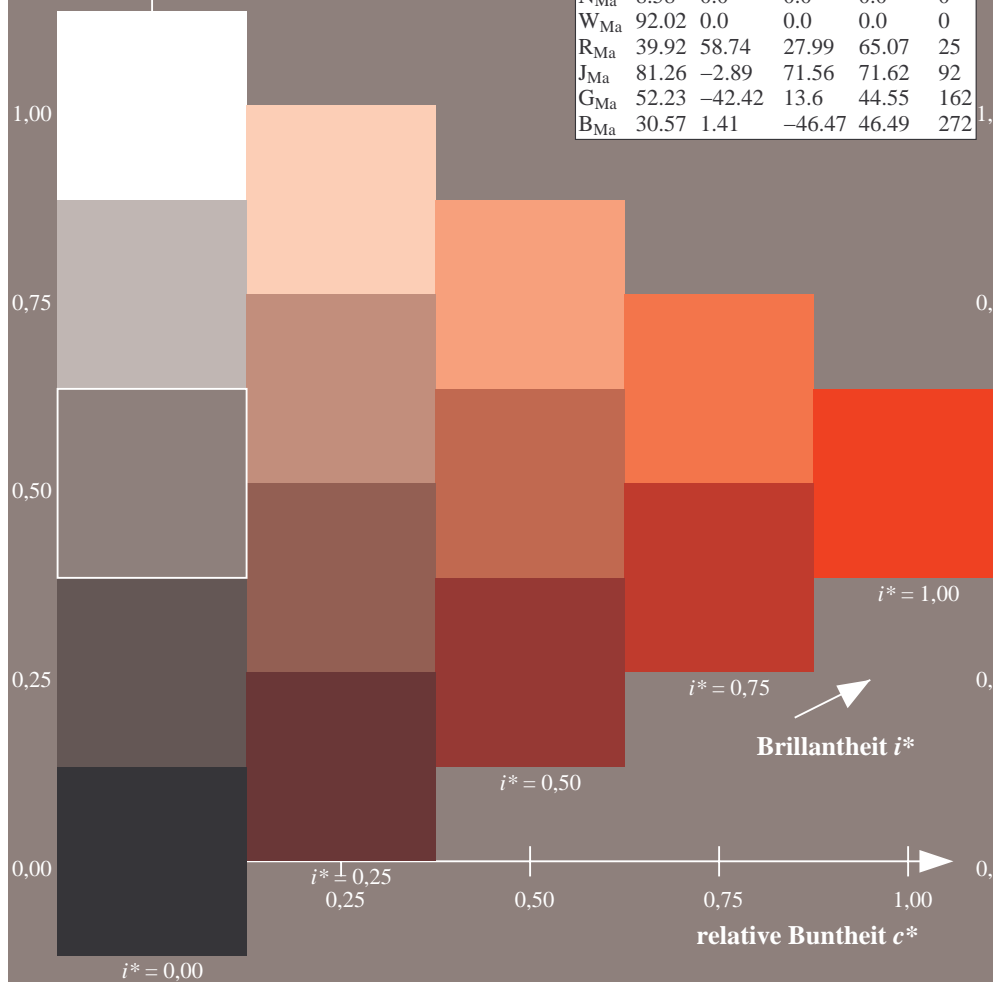
%Regularität

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

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

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:

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

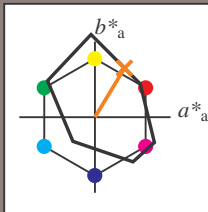
Bunttontexte:

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

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

$u^*_{rel} = 109$

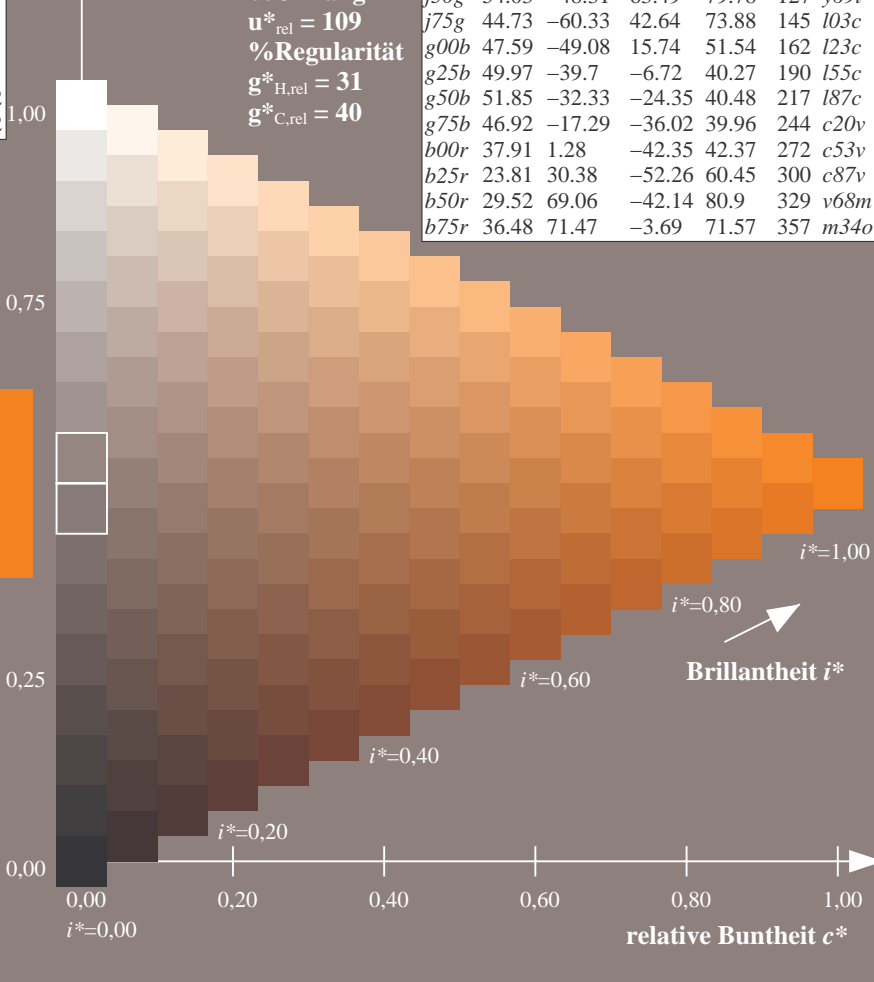
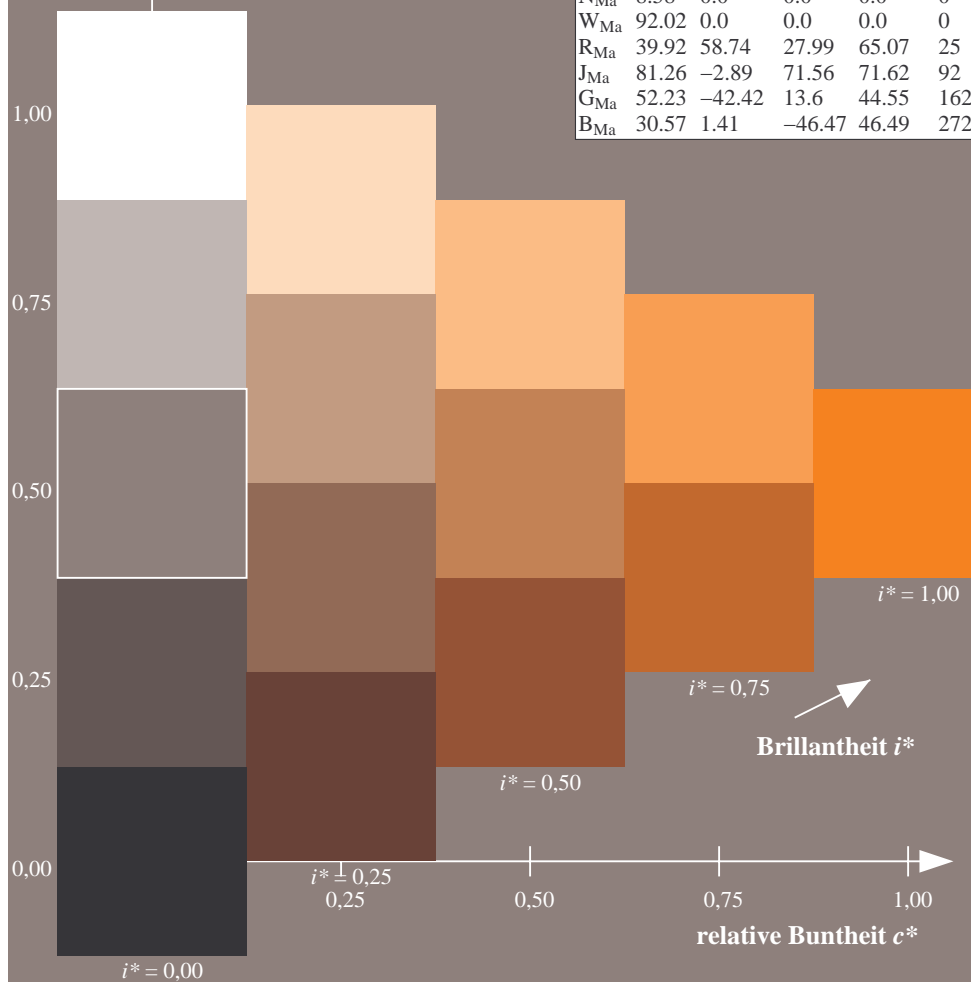
%Regularität

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

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

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: Farbmétrisches 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\**

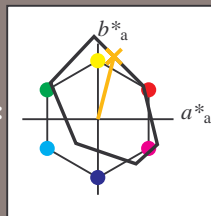
### Bunttexte:

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

**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\**<sub>M</sub>: 64 21 83

LAD\*LCII\* 64 86 55

**LAB\**LCH*\*<sub>Ma</sub>: 64 86 75**

*lab\*rgb\*\_Ma: 1.0 0.75 0.*

*lab\*olv\**Ma: 1.0 0.7 0.0

### Dreiecks-Helligkeit $t^*$

► **Provens Remigier:**

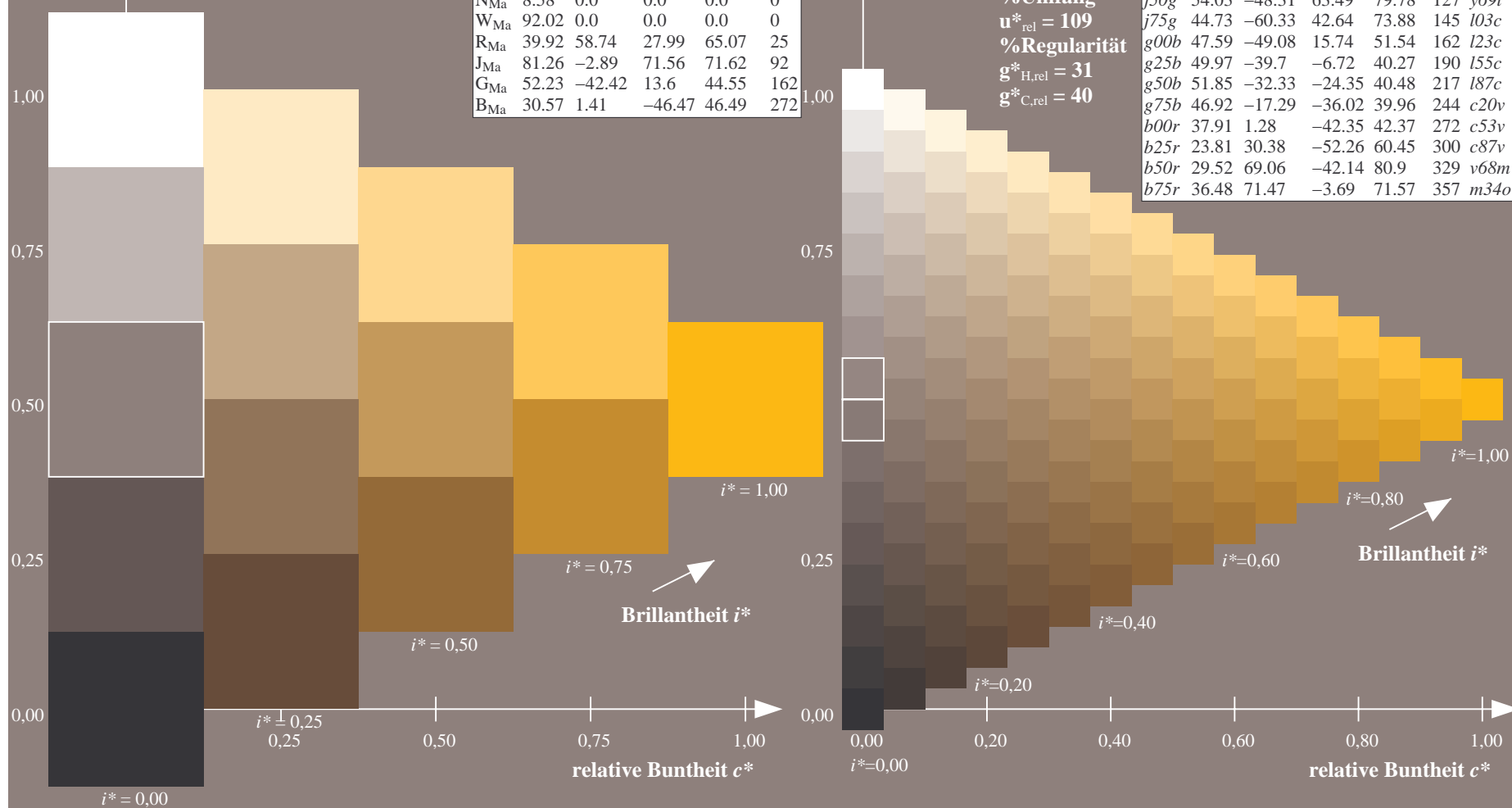
## %Umfang

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

### %Regularität

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

FRS09_92a; adaptierte CIELAB-Daten							
$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_d^*$	
<i>r00j</i>	35.47	63.32	30.17	70.15	25	<i>m81a</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: Farbmétrisches 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\**

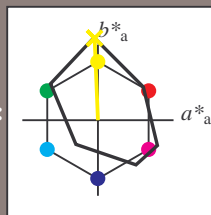
### Bunttexte:

$$u_e^* = j00g \quad u_d^* = 098y$$

**Kontrastreduzierungsfaktor:**

 $c_R = 1.0$ 

### 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\*Mo: 83 -4 109

LAD\*LGII\* 83 100 02

**LAB\*LCH\*Ma: 83 109 9**

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

*lab\*olv\**Ma: 1.0 0.99 0.0

### Dreiecks-Helligkeit $t^*$

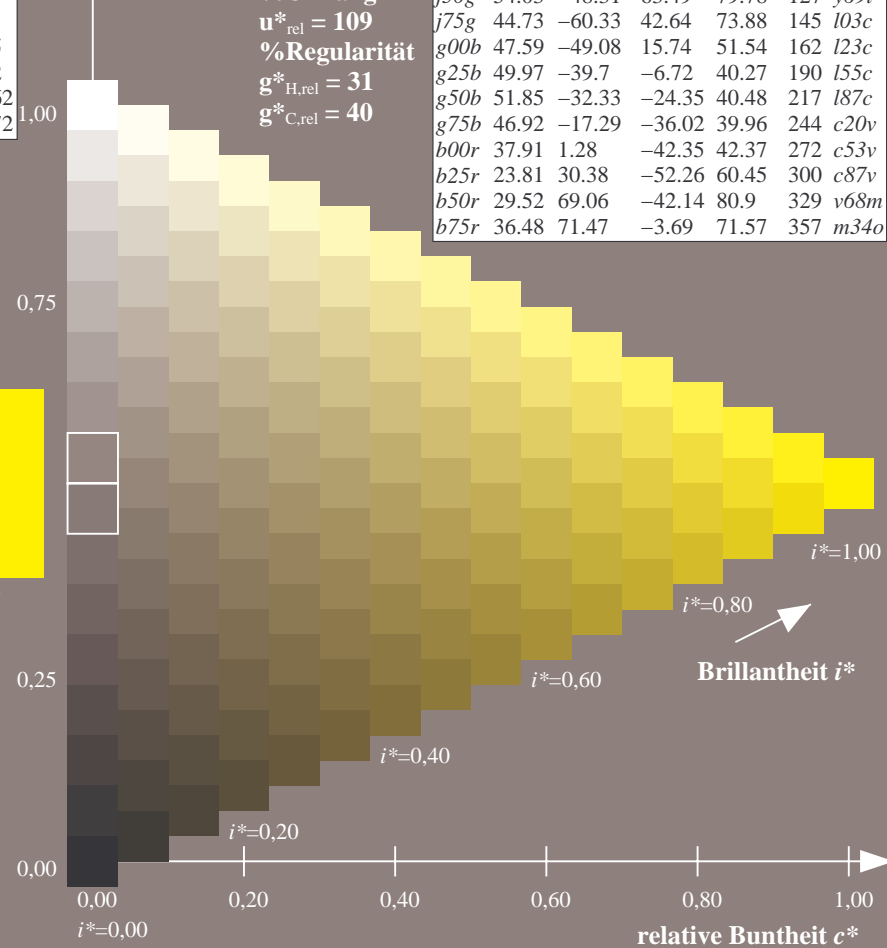
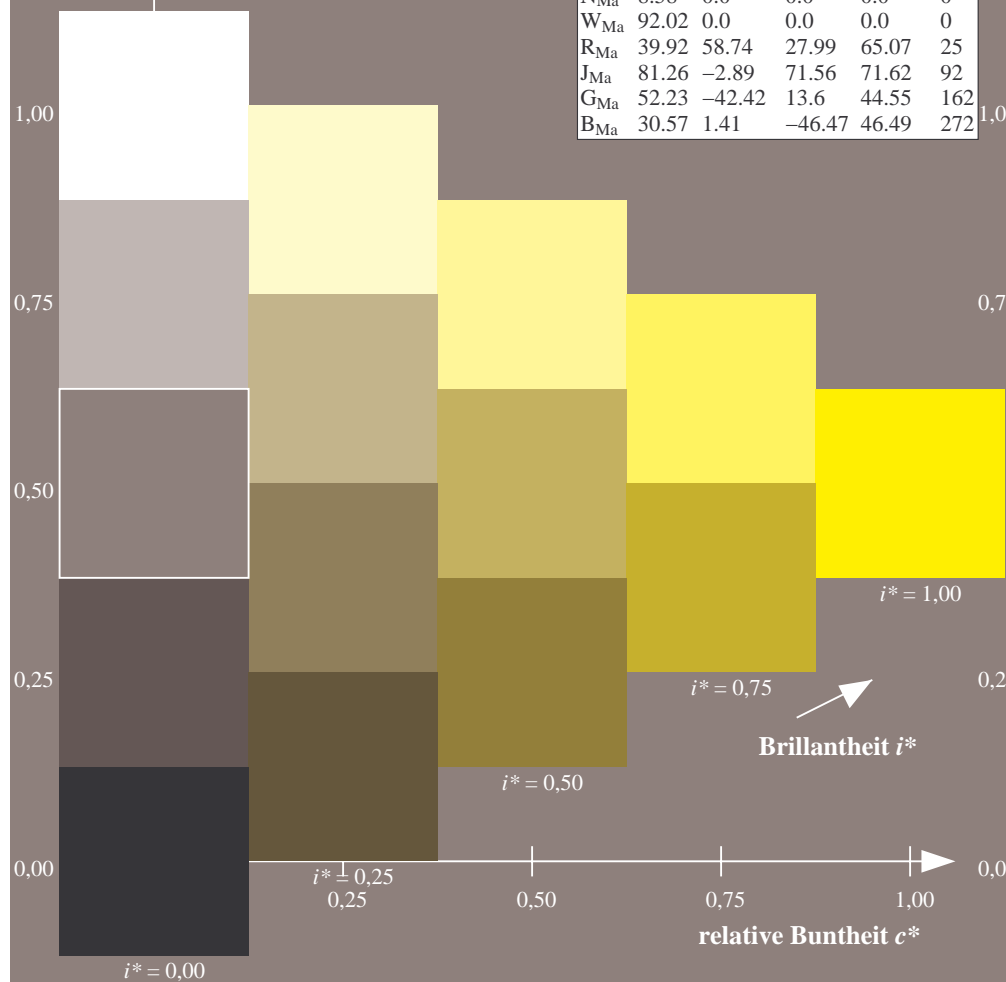
**%Umfang**

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

### %Regularität

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

FRS09_92a; adaptierte CIELAB-Daten							
$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_d^*$	
<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>o89y</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  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

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

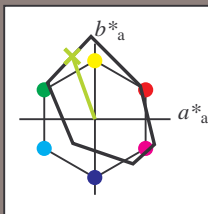
Bunttontexte:

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

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

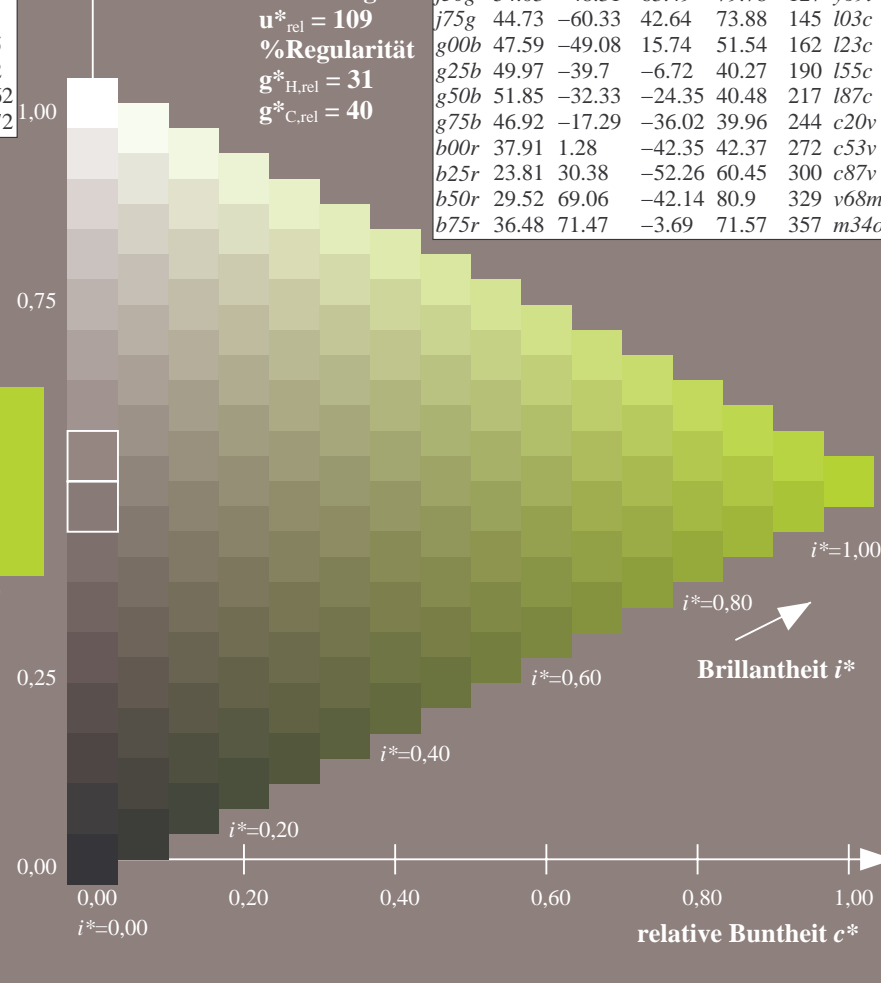
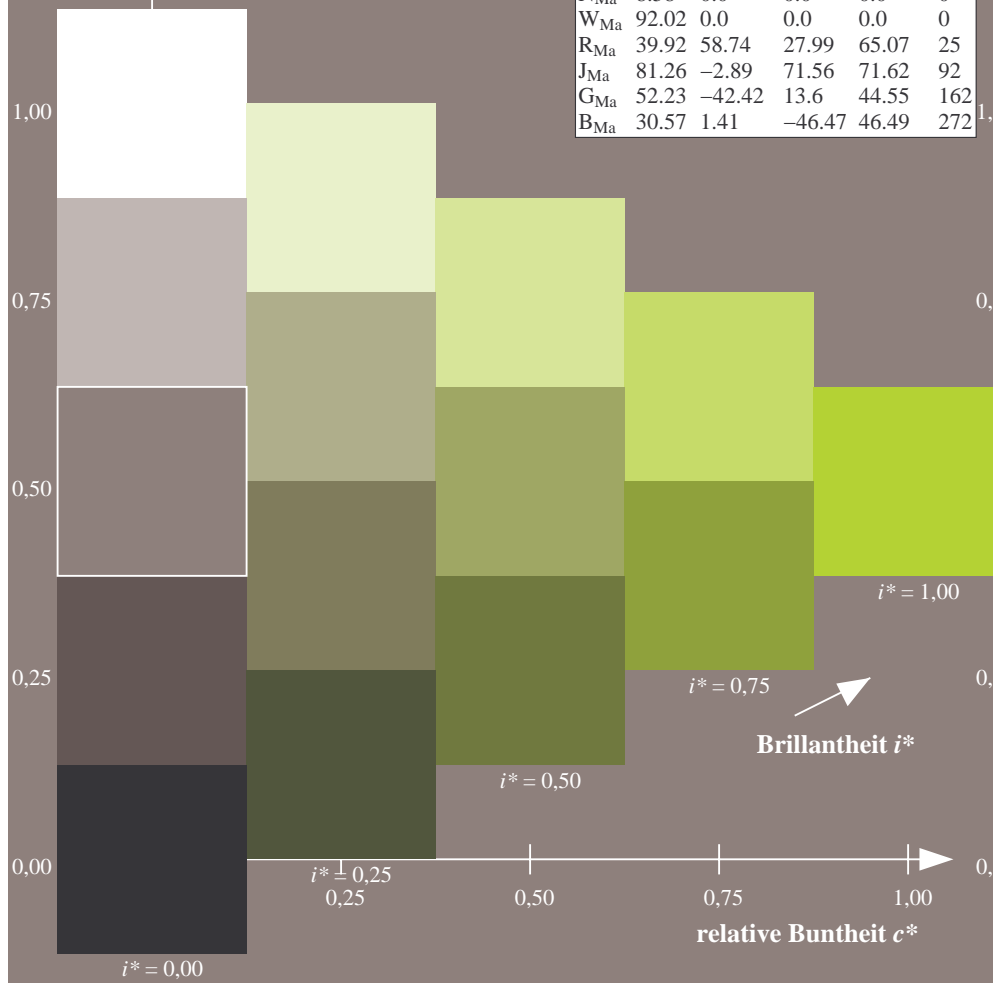
$u^*_{rel} = 109$

%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  $lab^*icu^*$

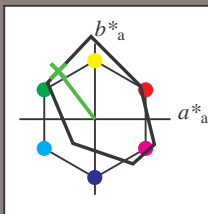
Bunttontexte:

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

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

$u^*_{rel} = 109$

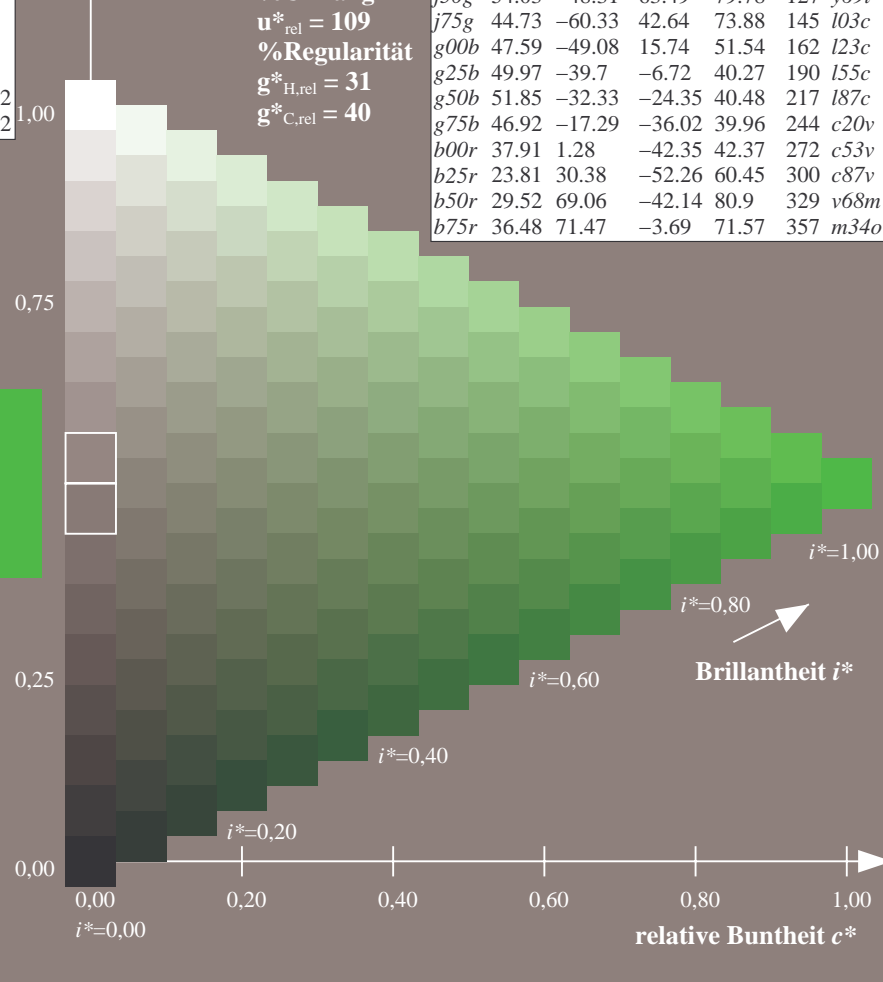
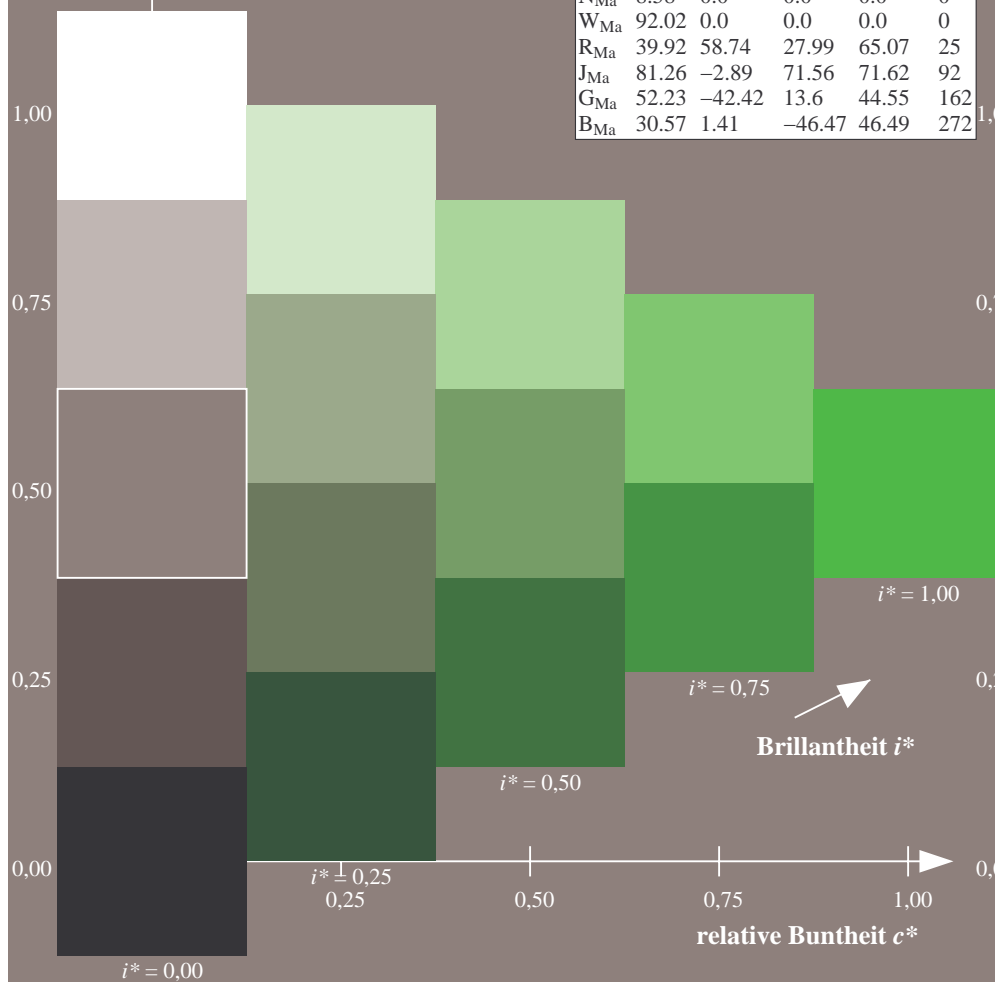
%Regularität

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

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

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  $lab^*icu^*$

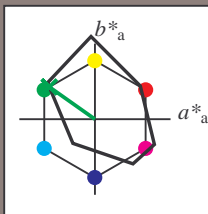
Bunttontexte:

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

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

$u^*_{rel} = 109$

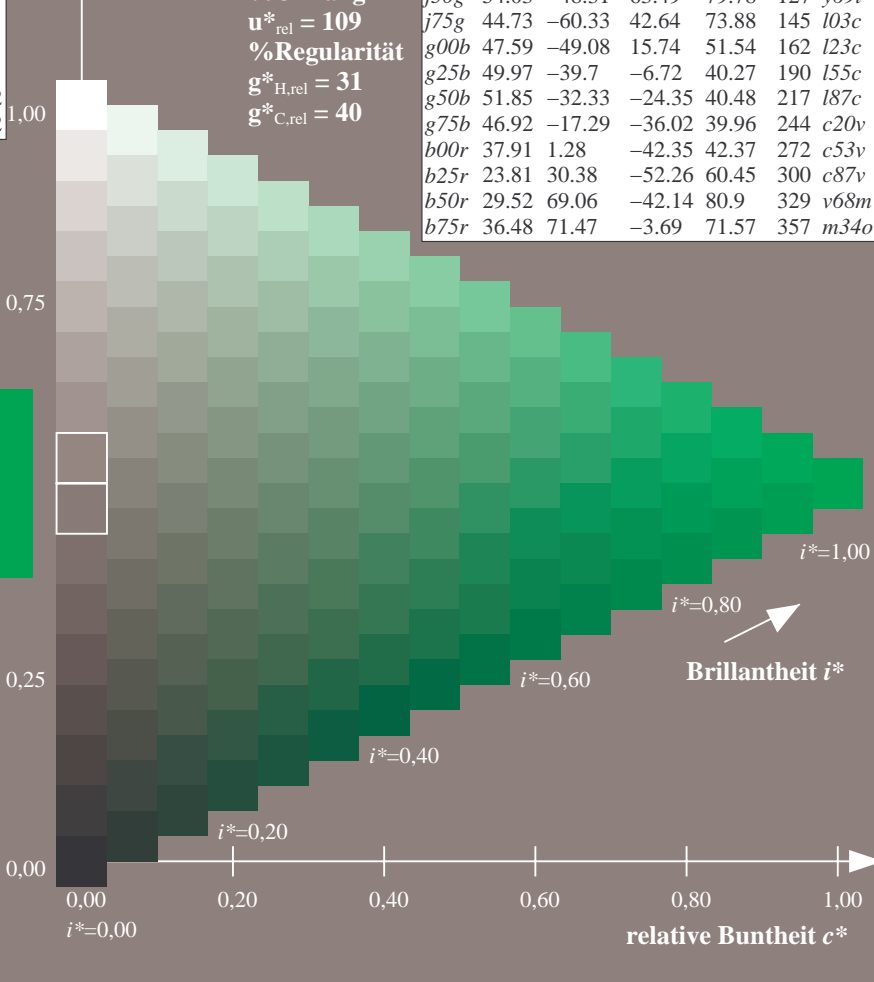
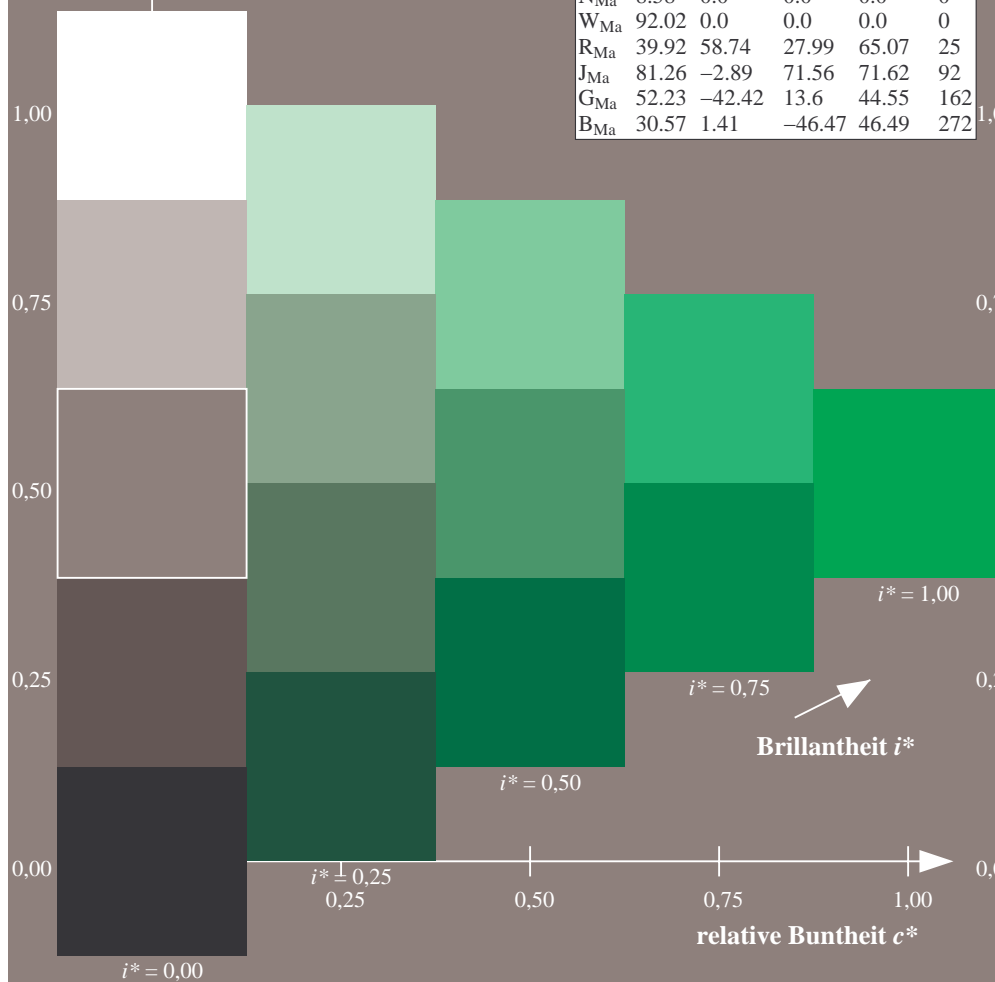
%Regularität

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

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

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  $lab^*icu^*$

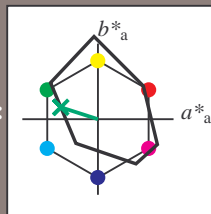
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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):

$LAB^*LAB^*Ma$ : 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

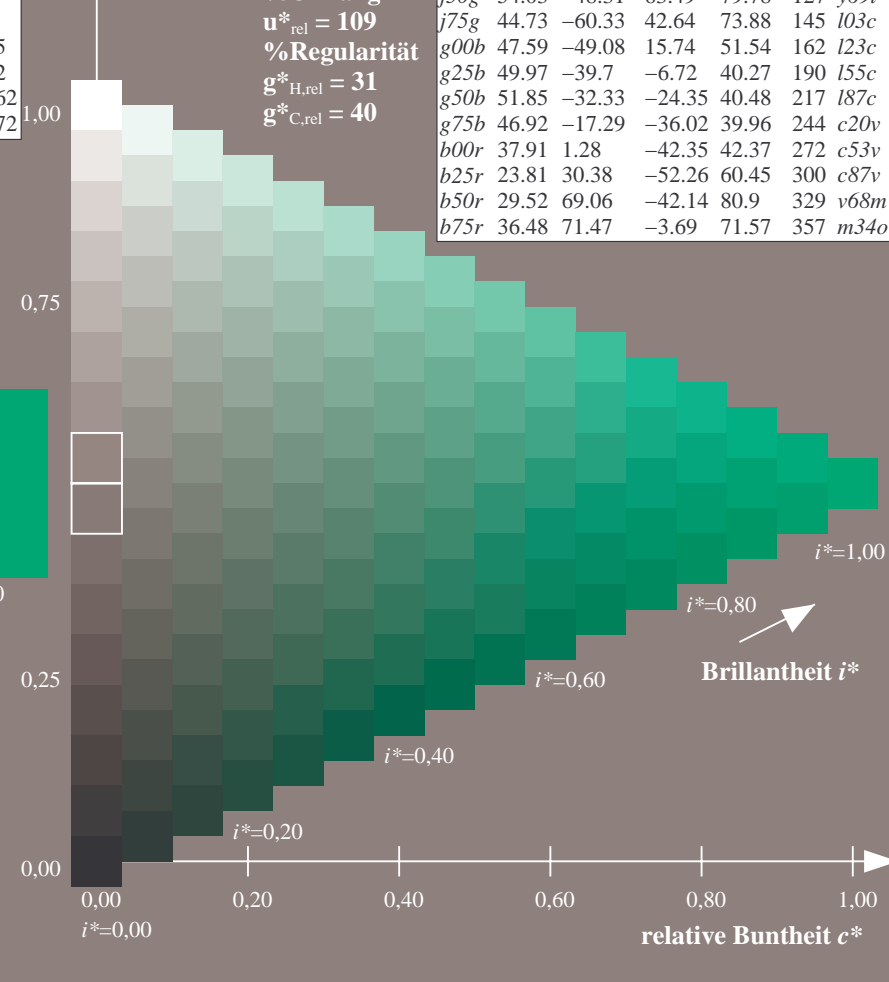
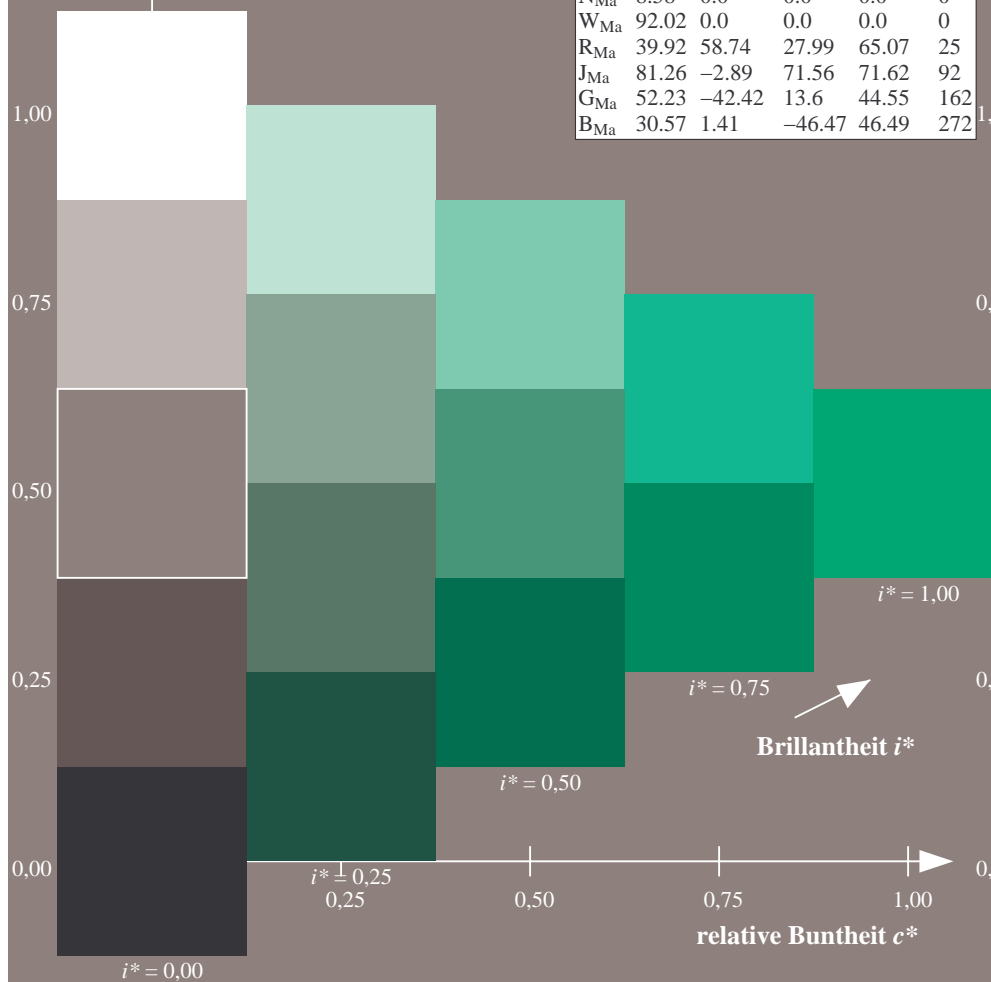
$u^*_{rel} = 109$

%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  $lab^*icu^*$

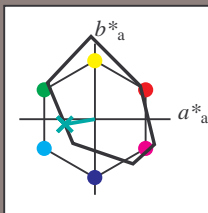
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



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):

$LAB^*LAB^*Ma$ : 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

$u^*_{rel} = 109$

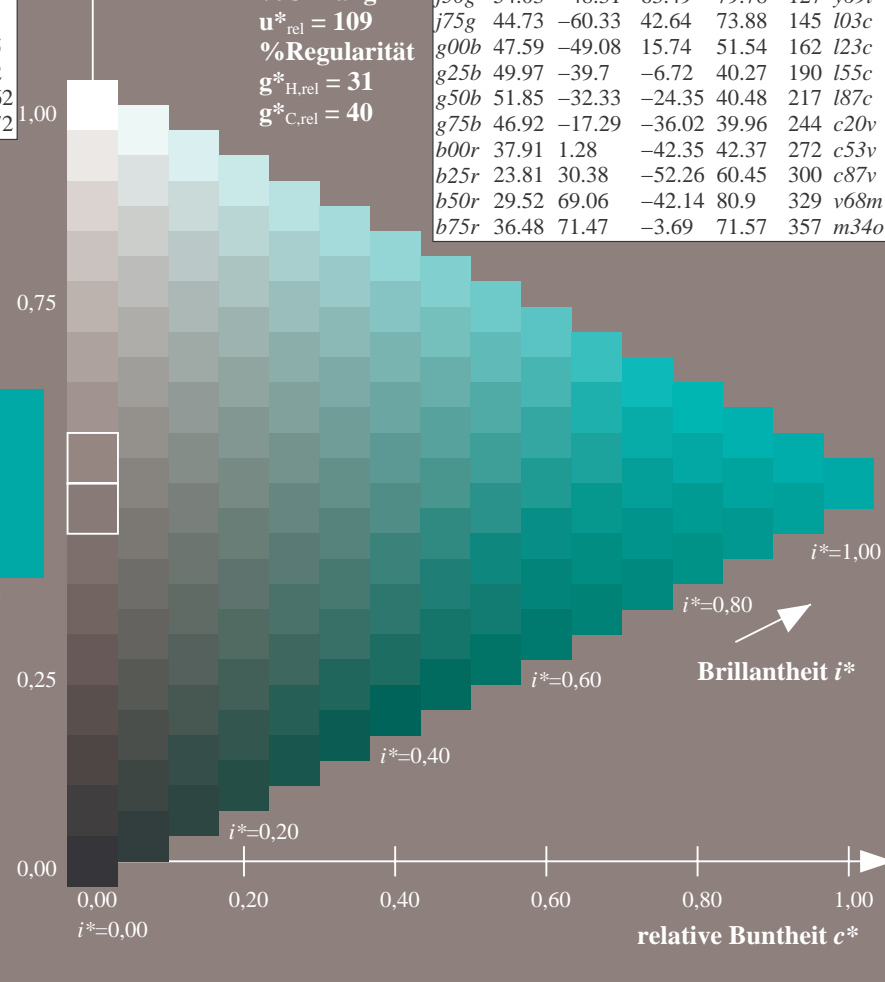
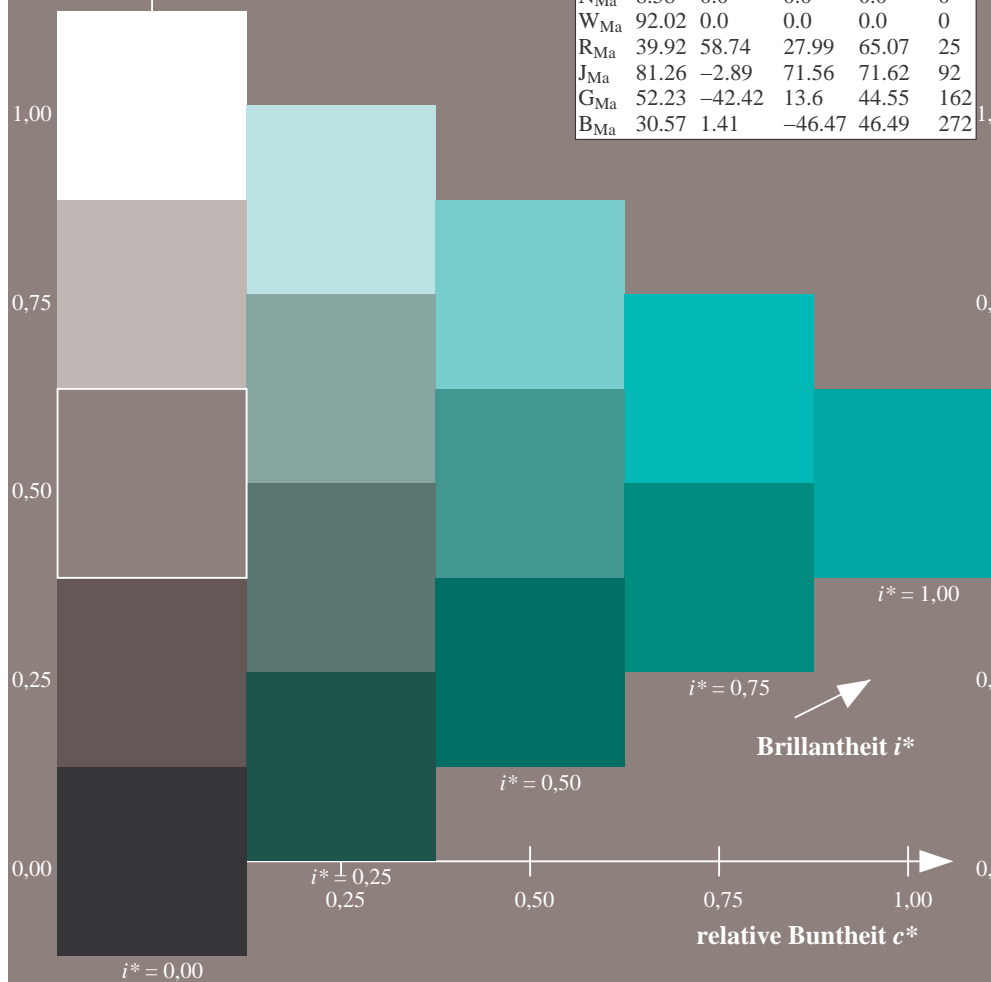
%Regularität

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

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

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: 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  $lab^*icu^*$

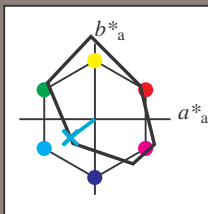
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; 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

$u^*_{rel} = 109$

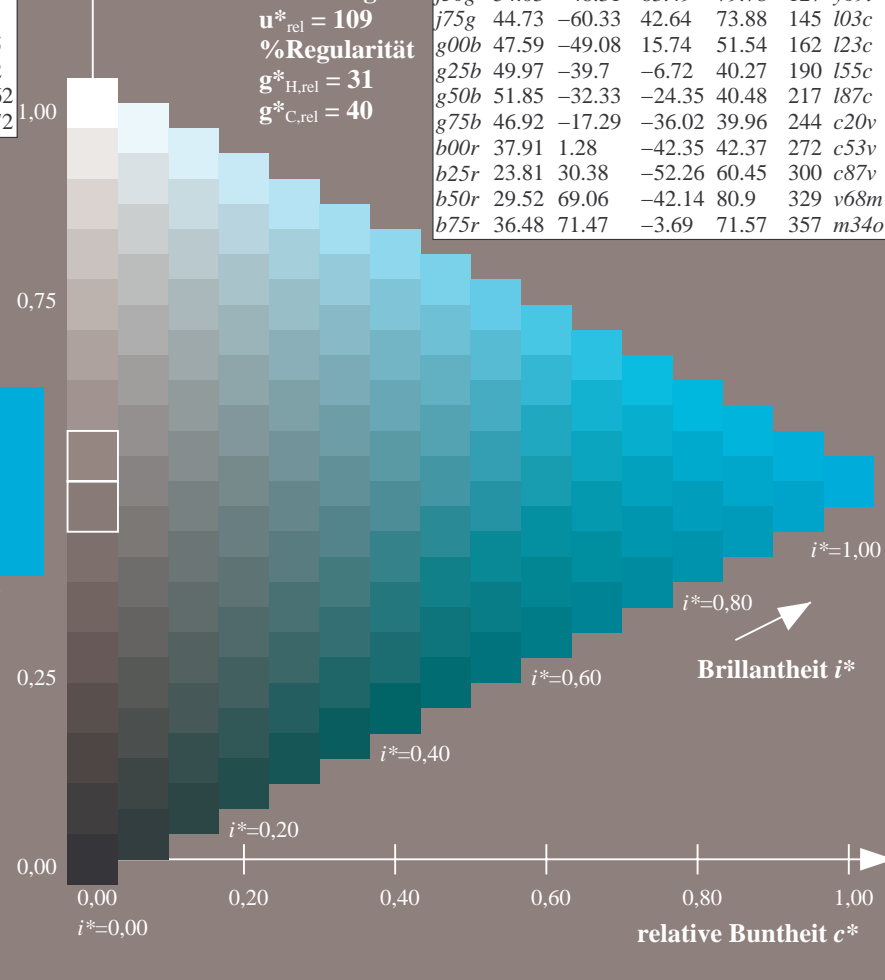
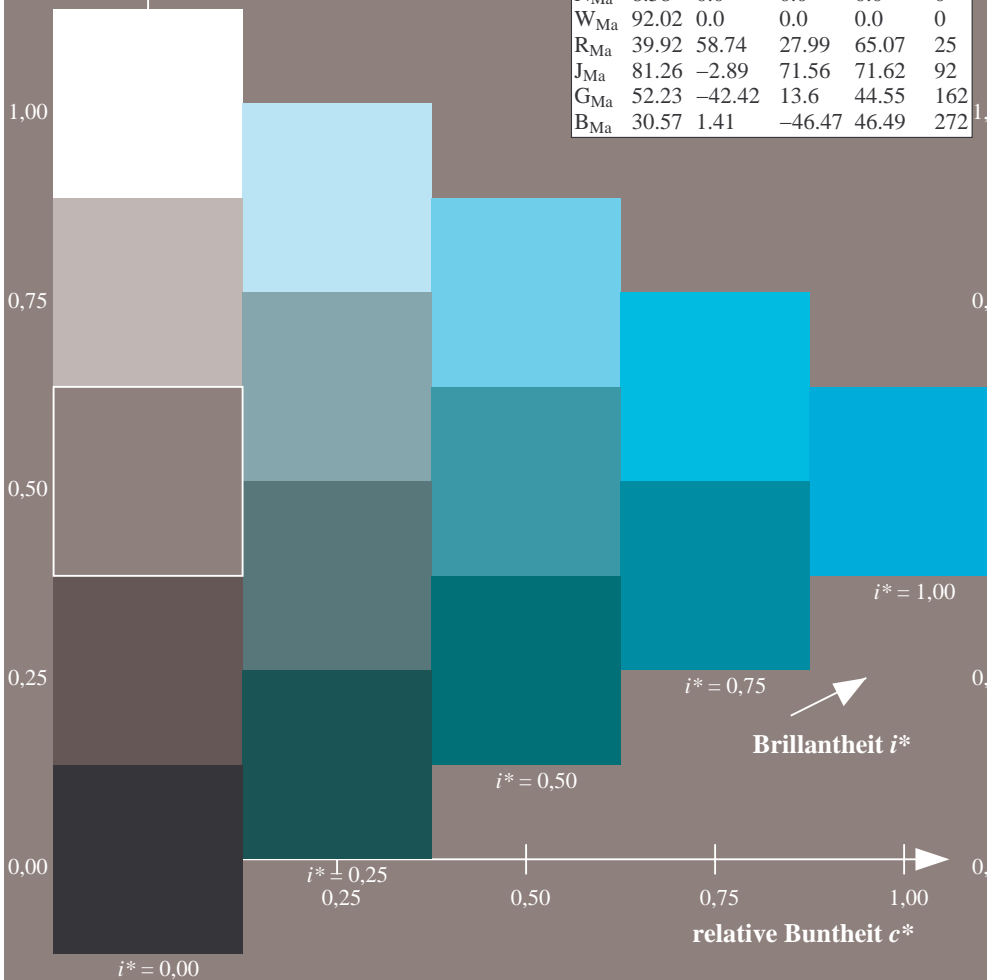
%Regularität

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

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

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  $lab^*icu^*$

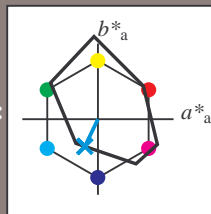
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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):

$LAB^*LAB^*Ma$ : 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

$u^*_{rel} = 109$

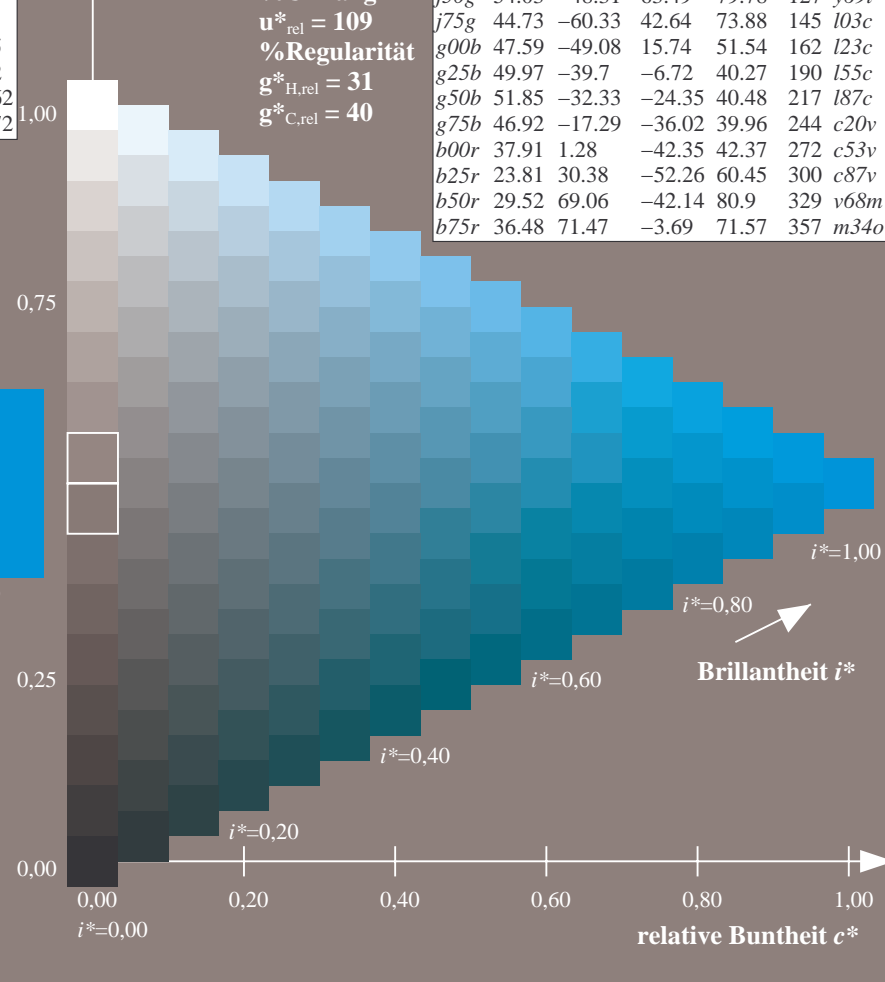
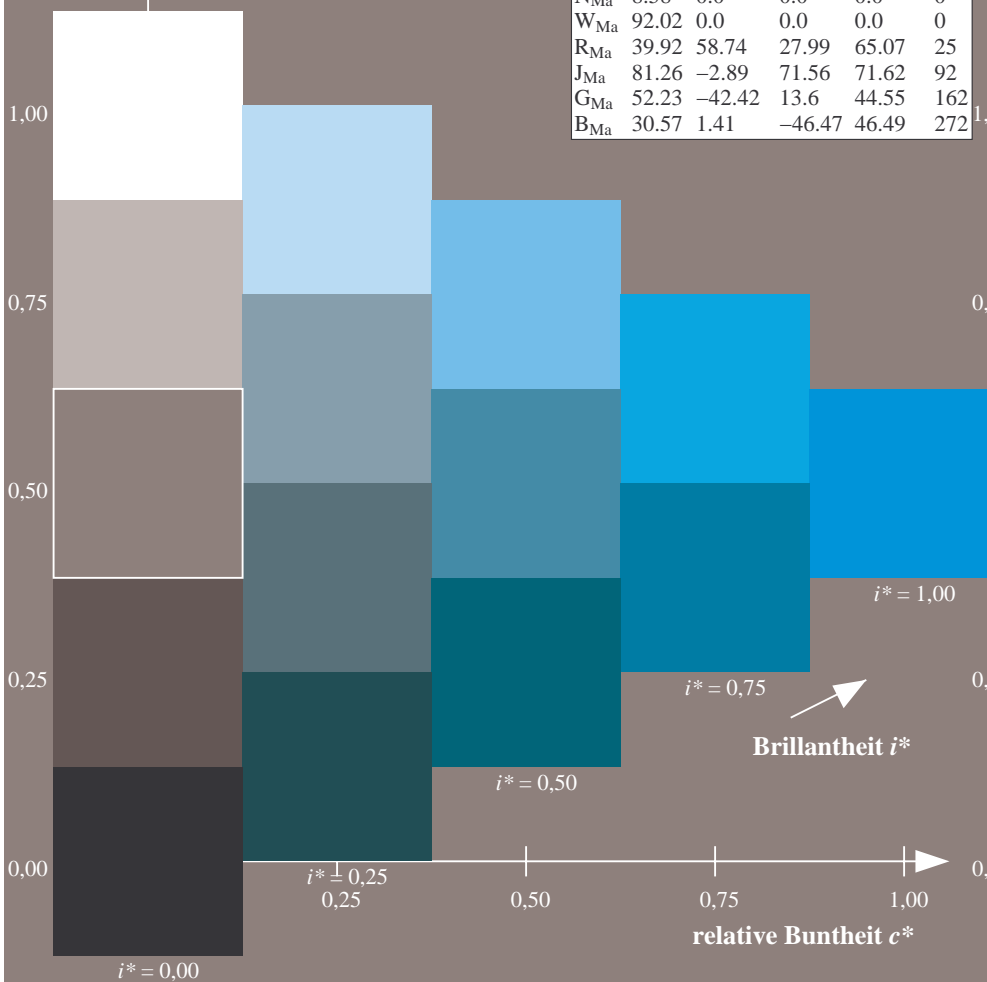
%Regularität

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

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

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: 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  $lab^*icu^*$

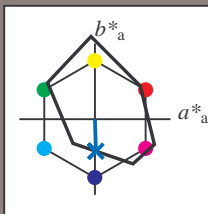
Bunttontexte:

$u_e^* = b00r$   $u_d^* = c53v$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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):

$LAB^*LAB^*Ma$ : 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

$u^*_{rel} = 109$

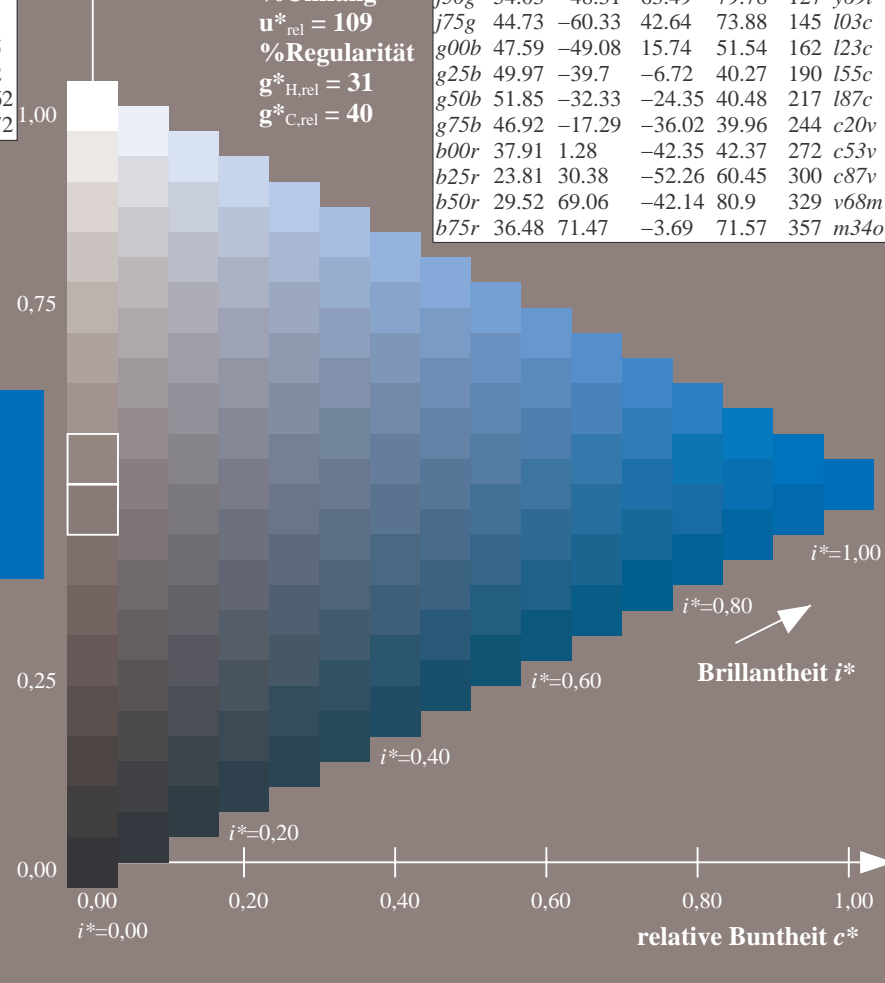
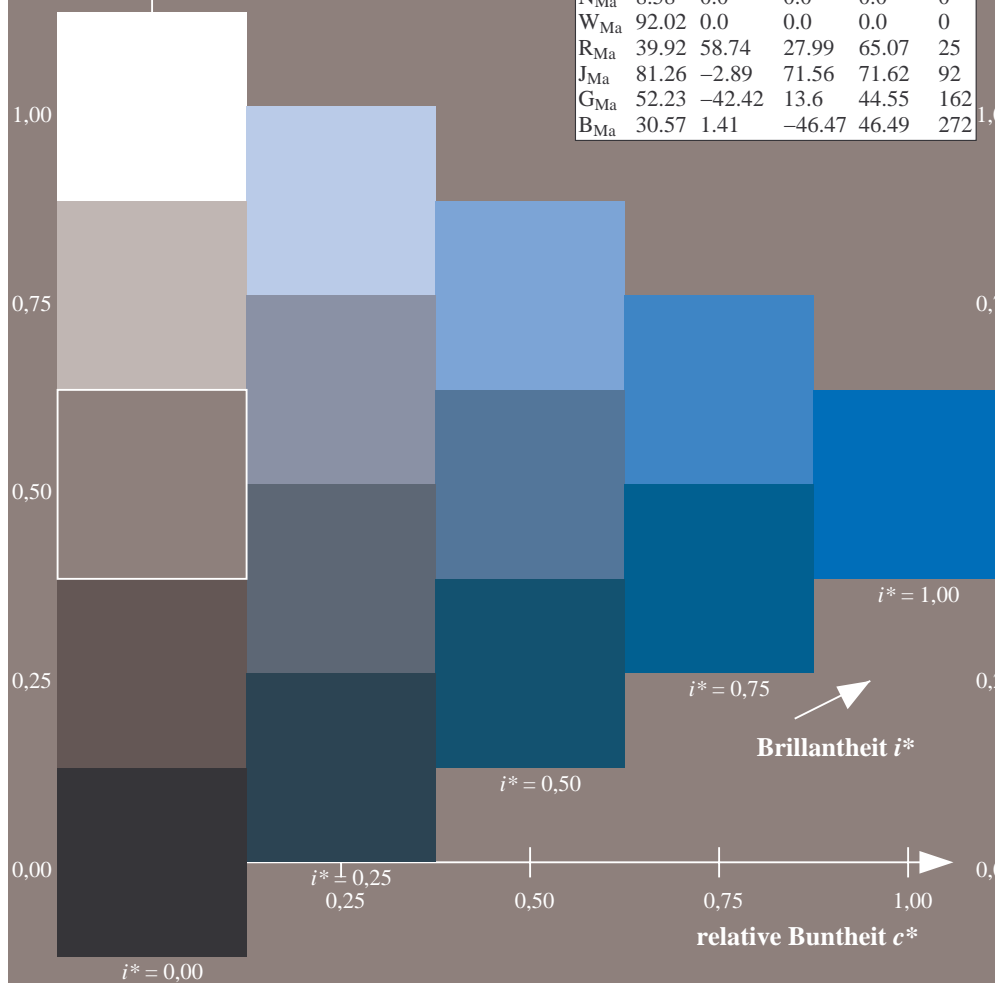
%Regularität

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

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

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  $lab^*icu^*$

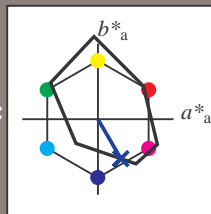
Bunttontexte:

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

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

$u^*_{rel} = 109$

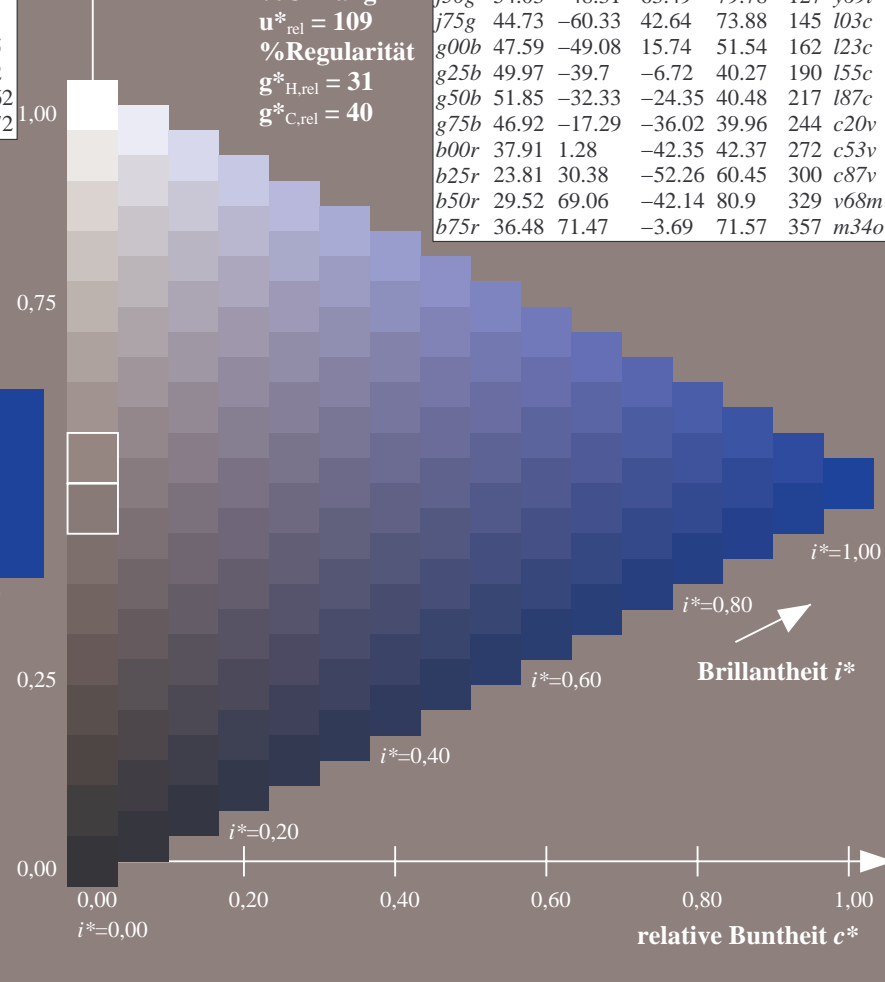
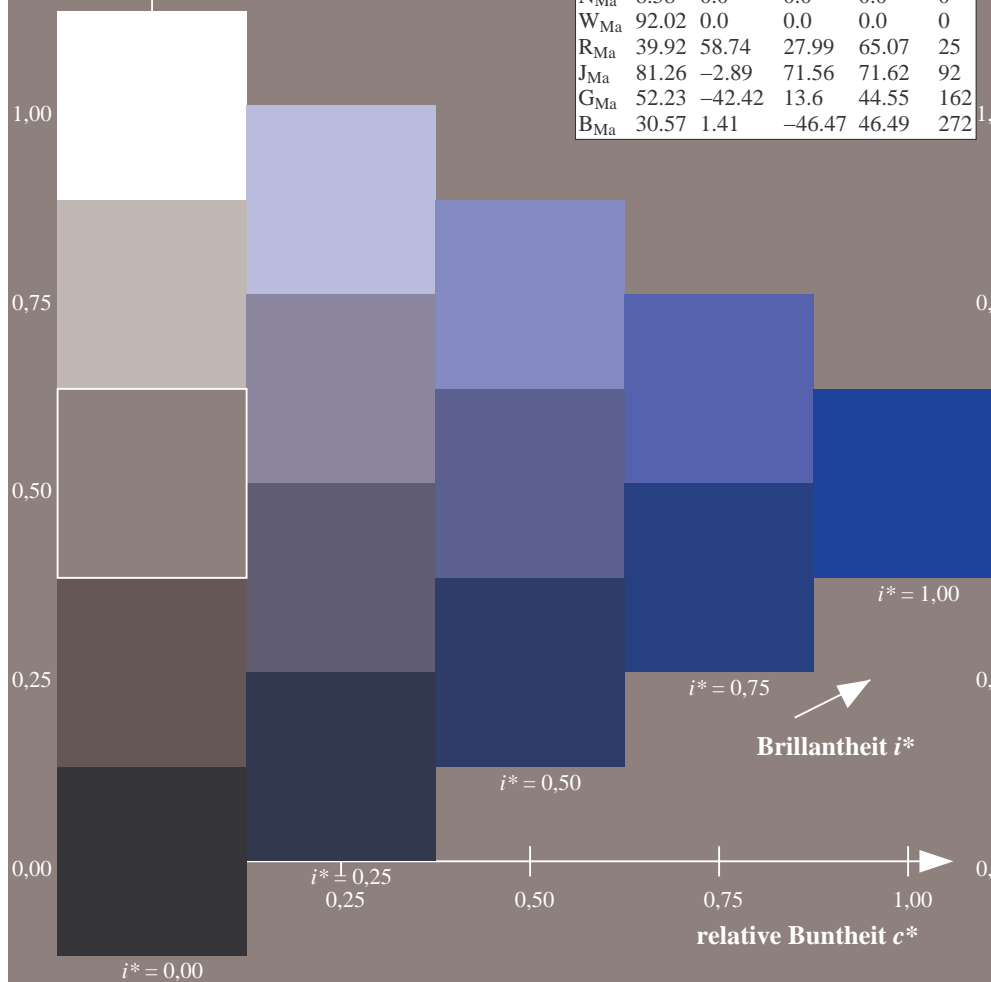
%Regularität

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

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

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  $lab^*icu^*$

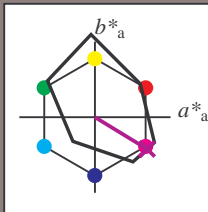
Bunttontexte:

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

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

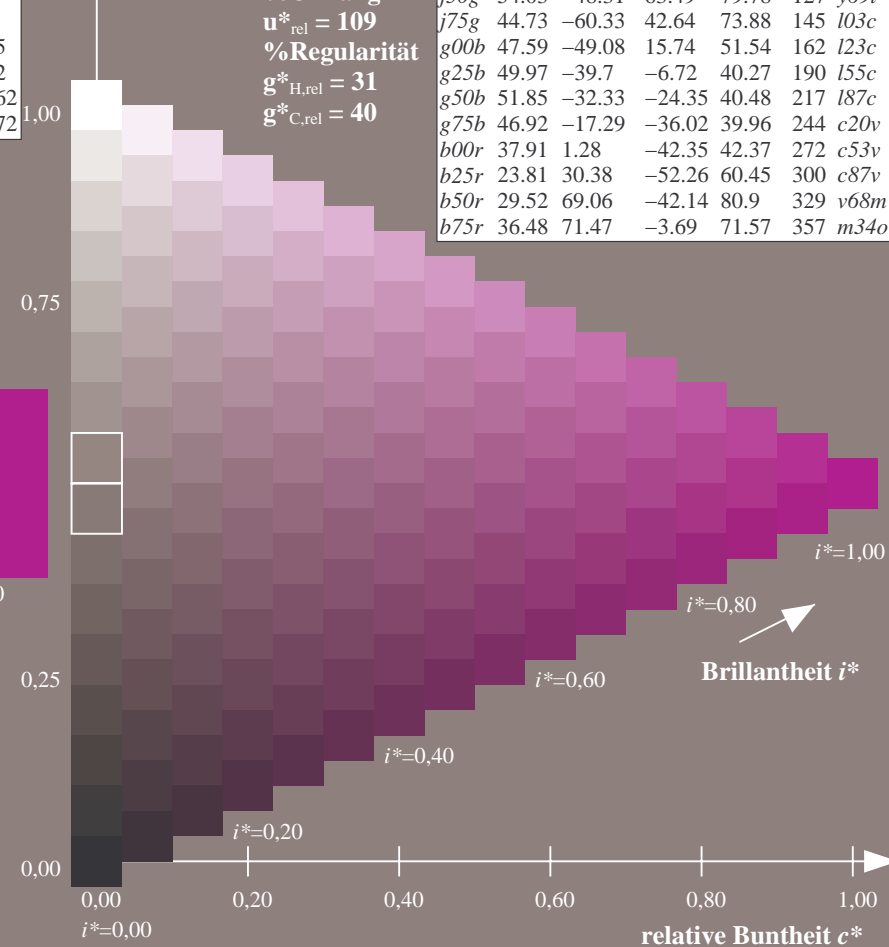
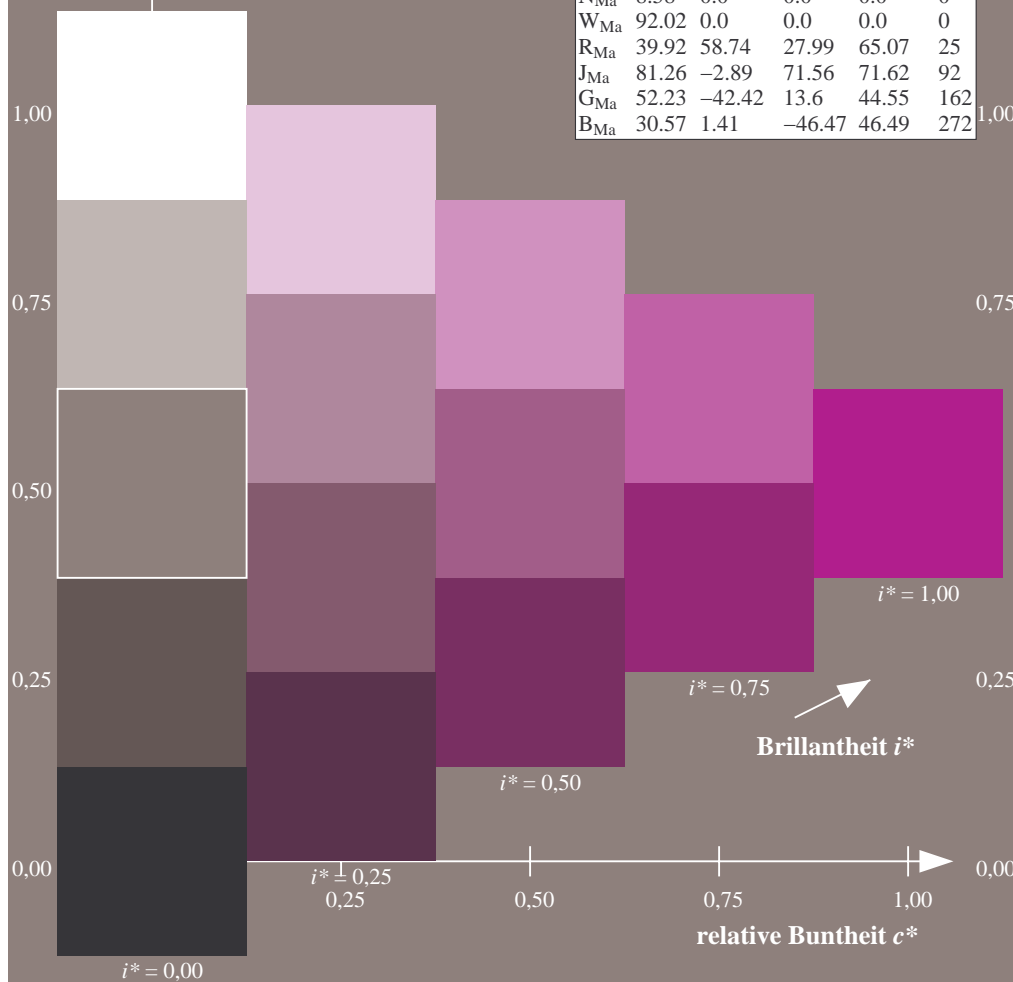
$u^*_{rel} = 109$

%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: 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  $lab^*icu^*$

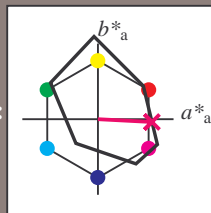
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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):

$LAB^*LAB^*Ma$ : 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

$u^*_{rel} = 109$

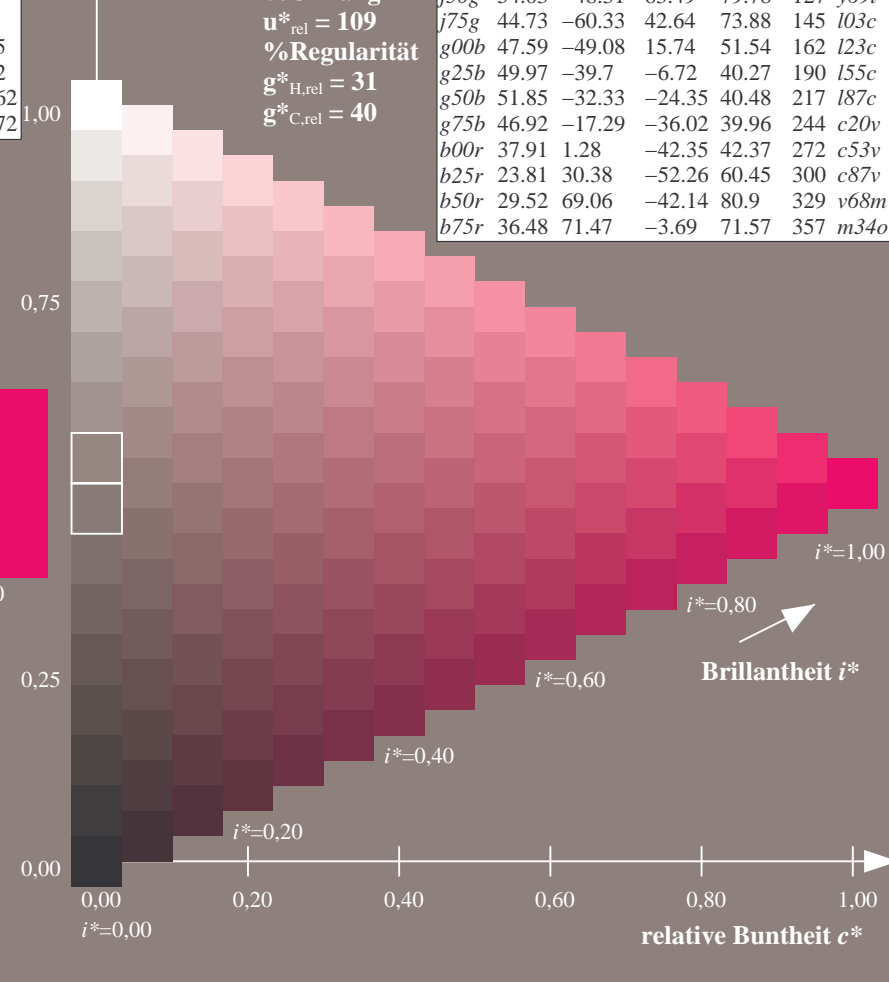
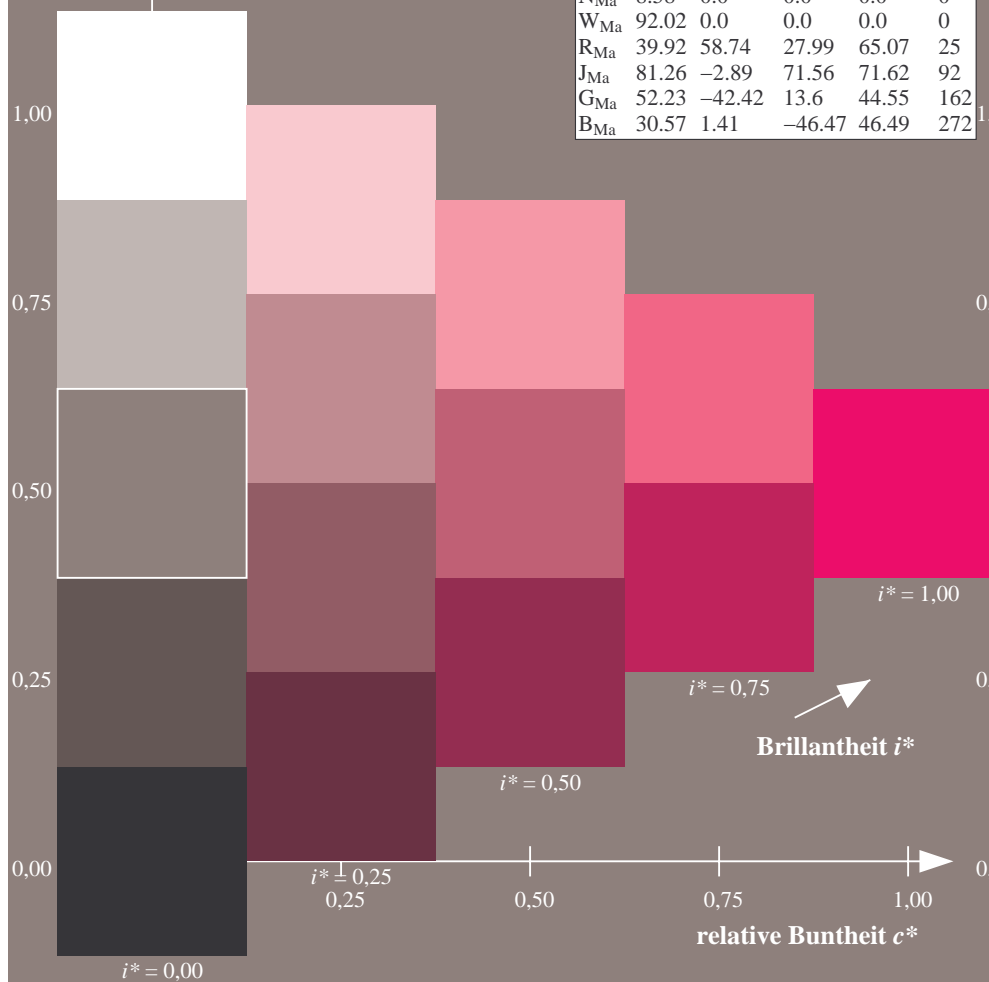
%Regularität

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

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

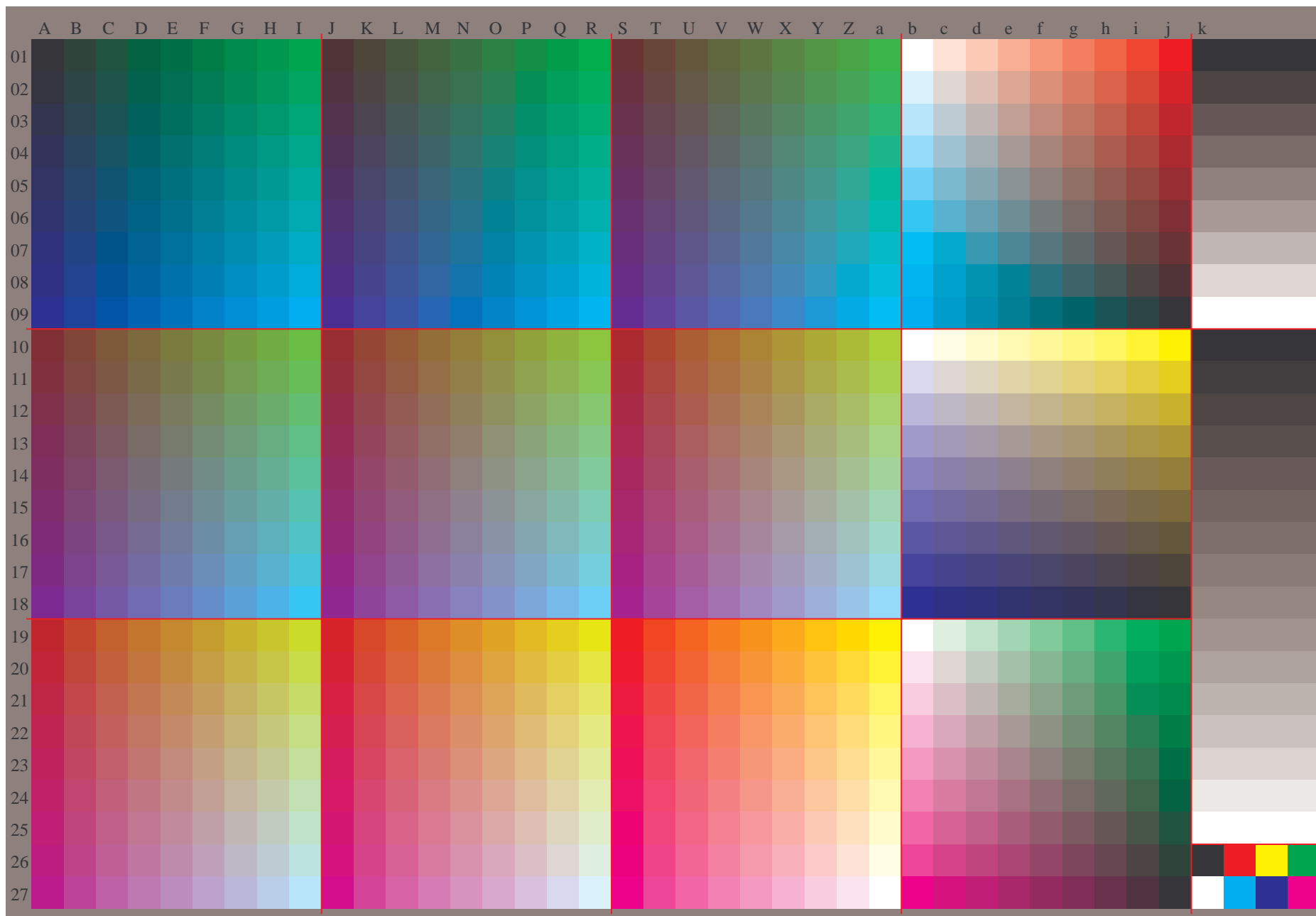
FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
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/Eg10/>; [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,%20io=1,1,Col5px=0)

BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.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:

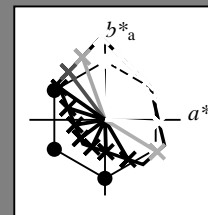
$u^*_e$  = 16 Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

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

$u^*_{rel} = 109$

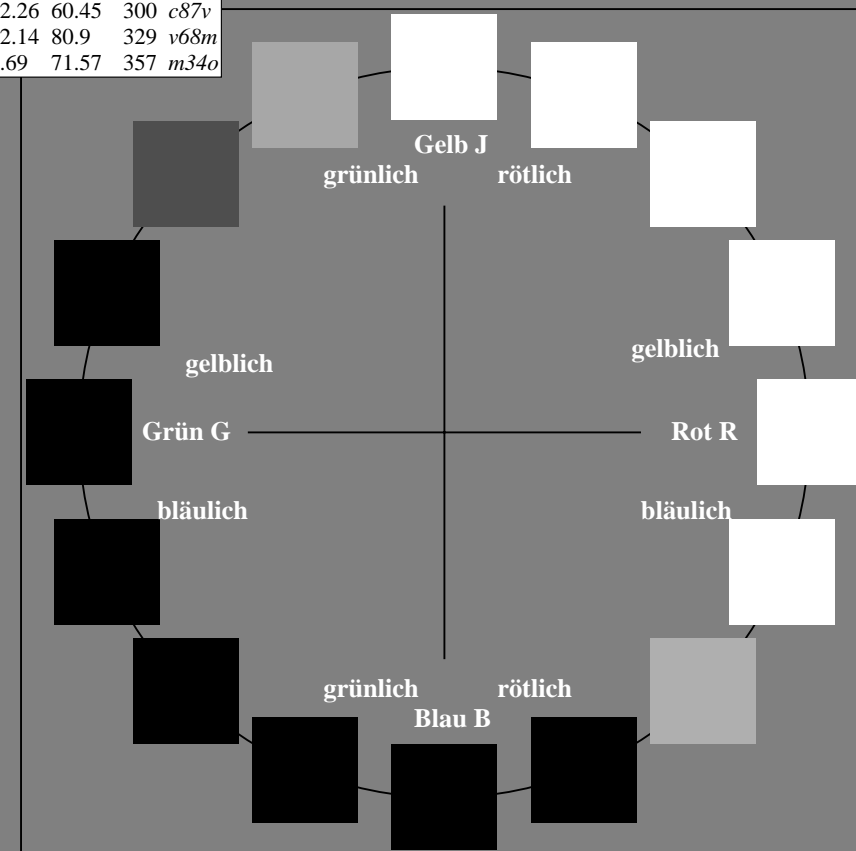
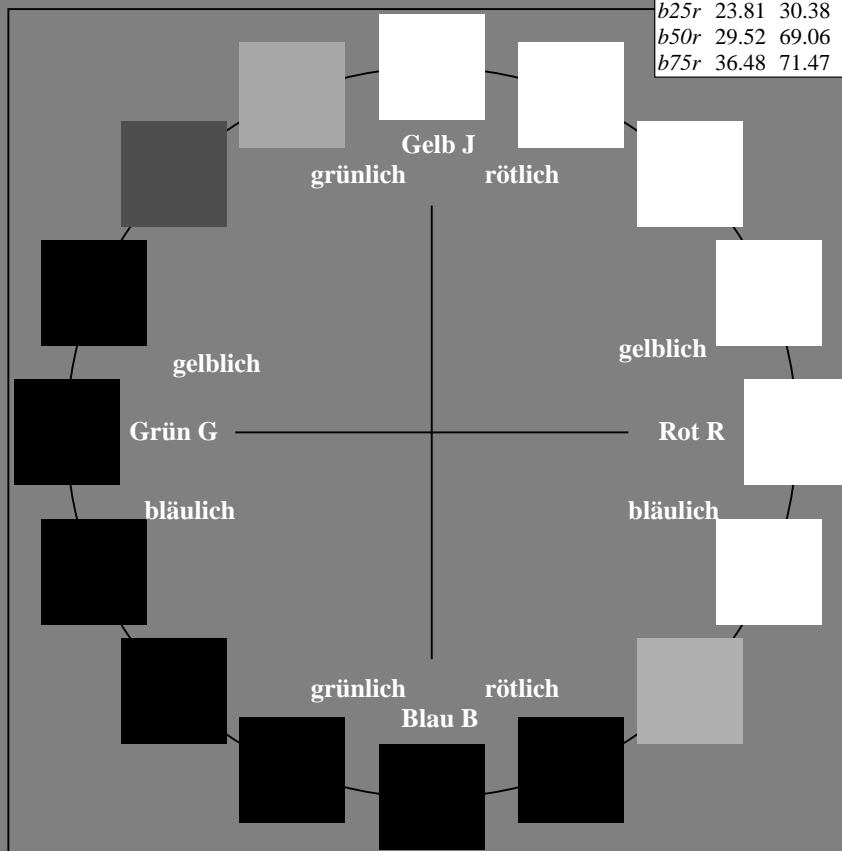
%Regularität

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

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

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



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [www.ps.bam.de/Version2.1,io=1,1,Col5px=0](http://www.ps.bam.de/Version2.1,io=1,1,Col5px=0)  
Technische Information: <http://www.ps.bam.de/Version2.1,io=1,1,Col5px=0>

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  $lab^*icu^*$

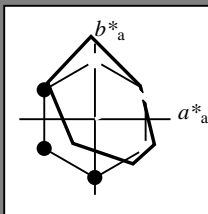
Bunttontexte:

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

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

$u^*_{rel} = 109$

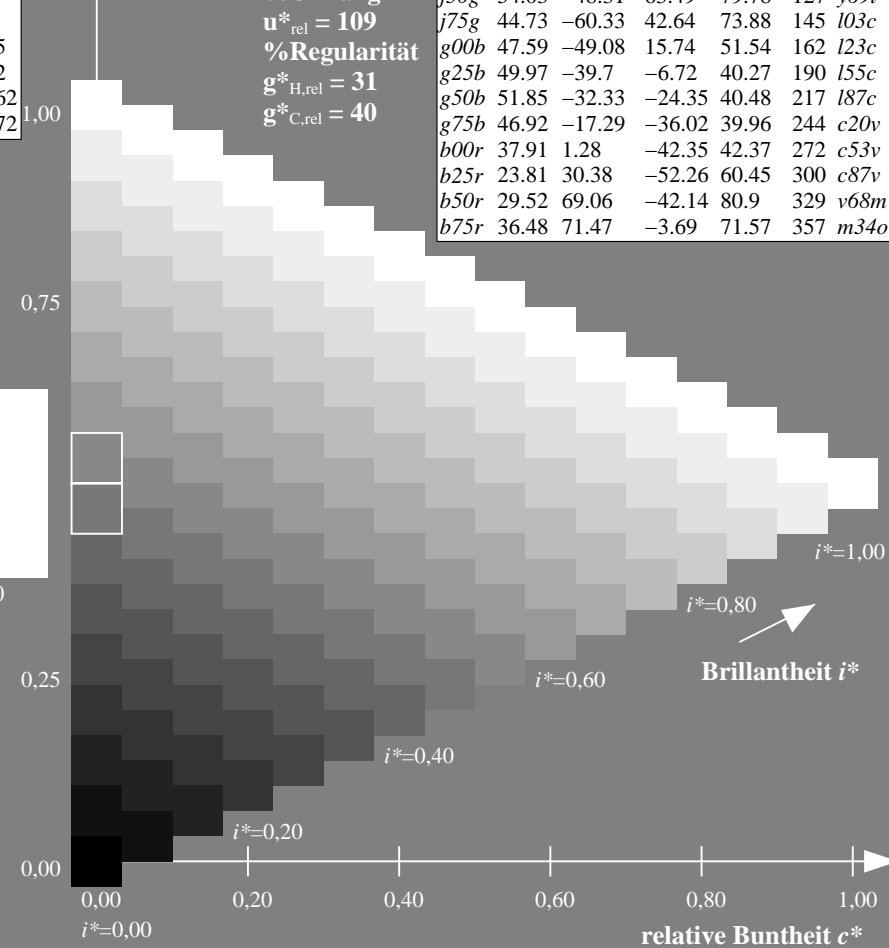
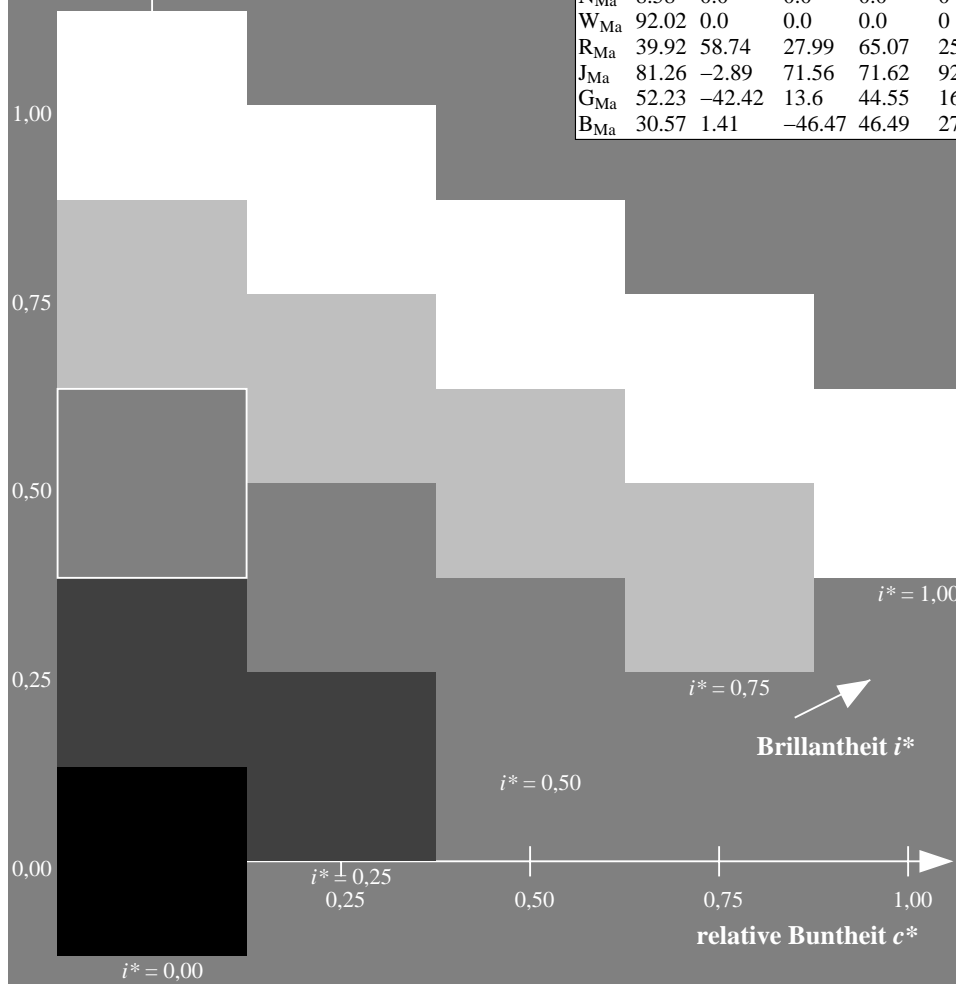
%Regularität

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

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

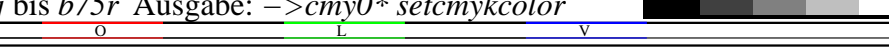
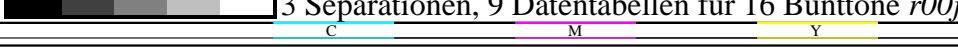
FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
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



BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

**Products from:**



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  $lab^*icu^*$

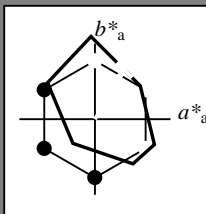
Bunttontexte:

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

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

$u^*_{rel} = 109$

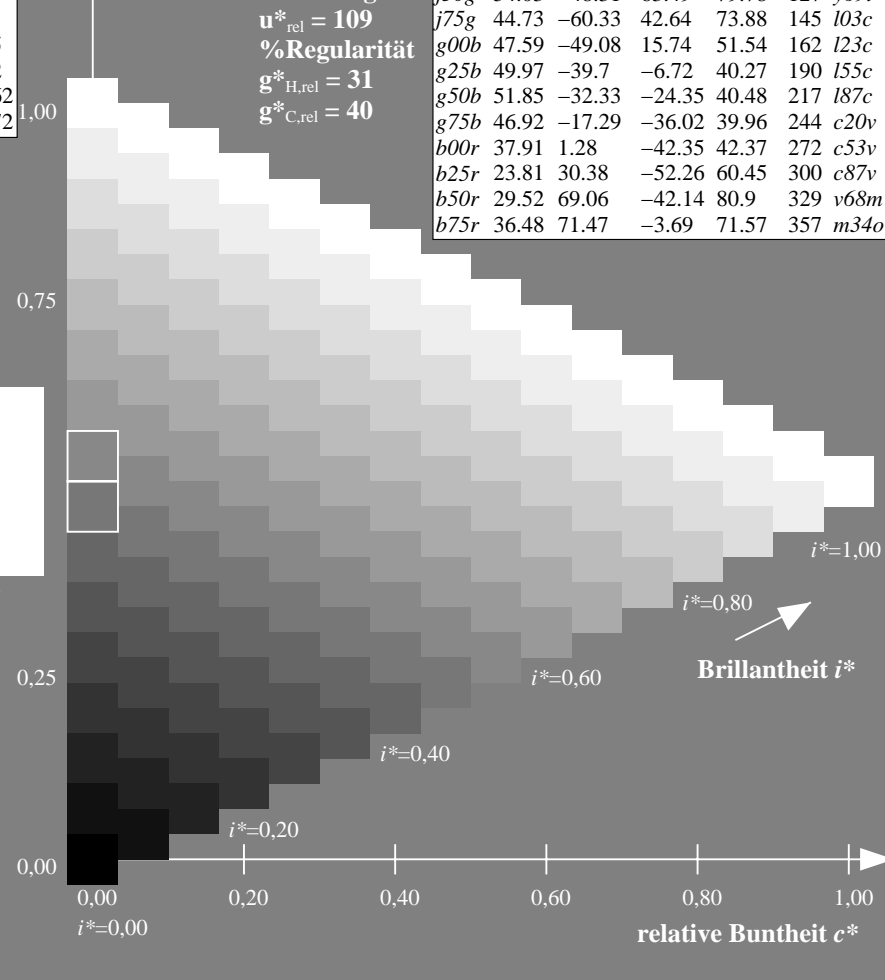
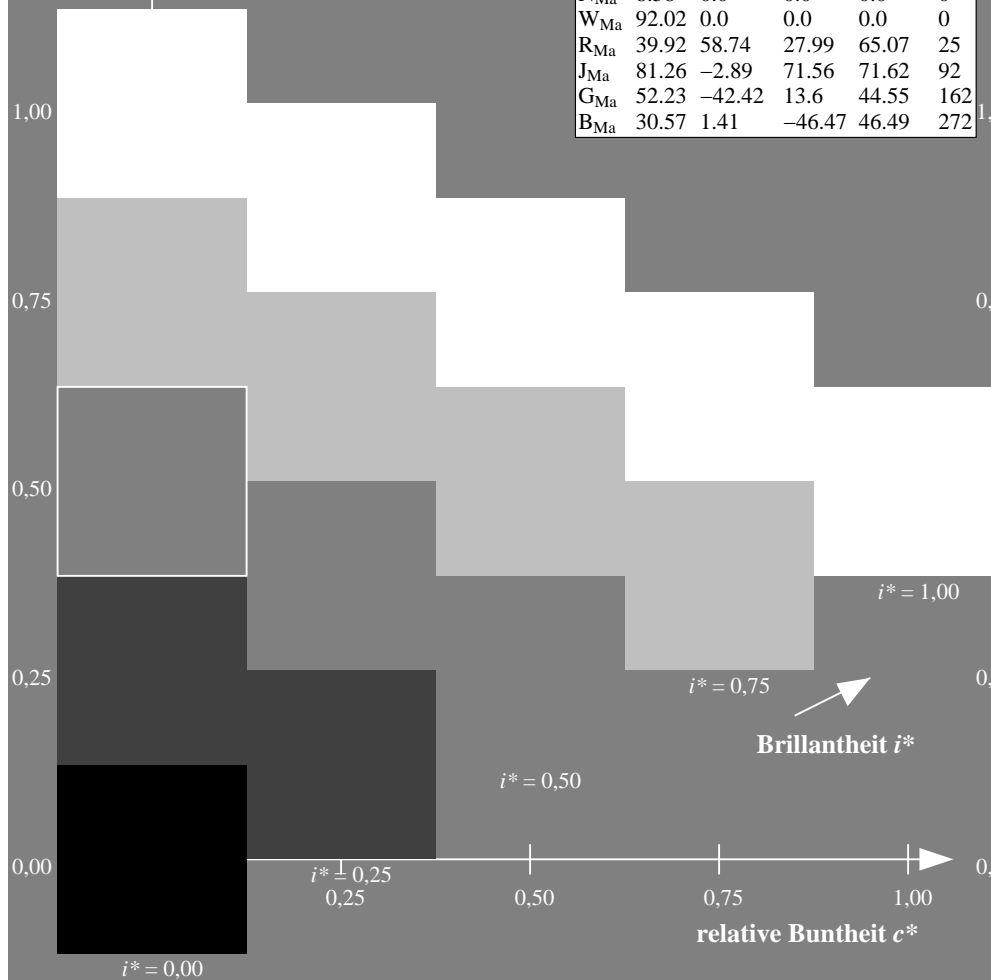
%Regularität

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

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

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





▶ **Stress Management:**


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

07/91	58.16	71.17	5.05	71.51	557	ms 16
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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  $lab^*icu^*$

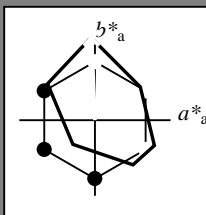
Bunttontexte:

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

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

$u^*_{rel} = 109$

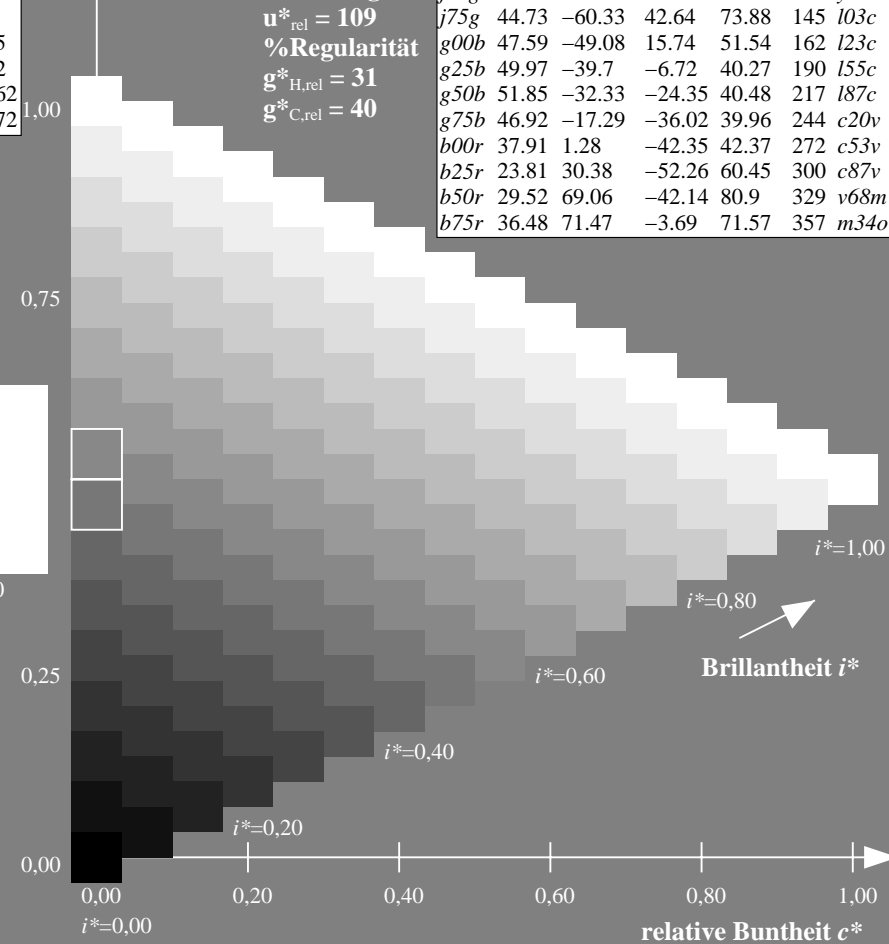
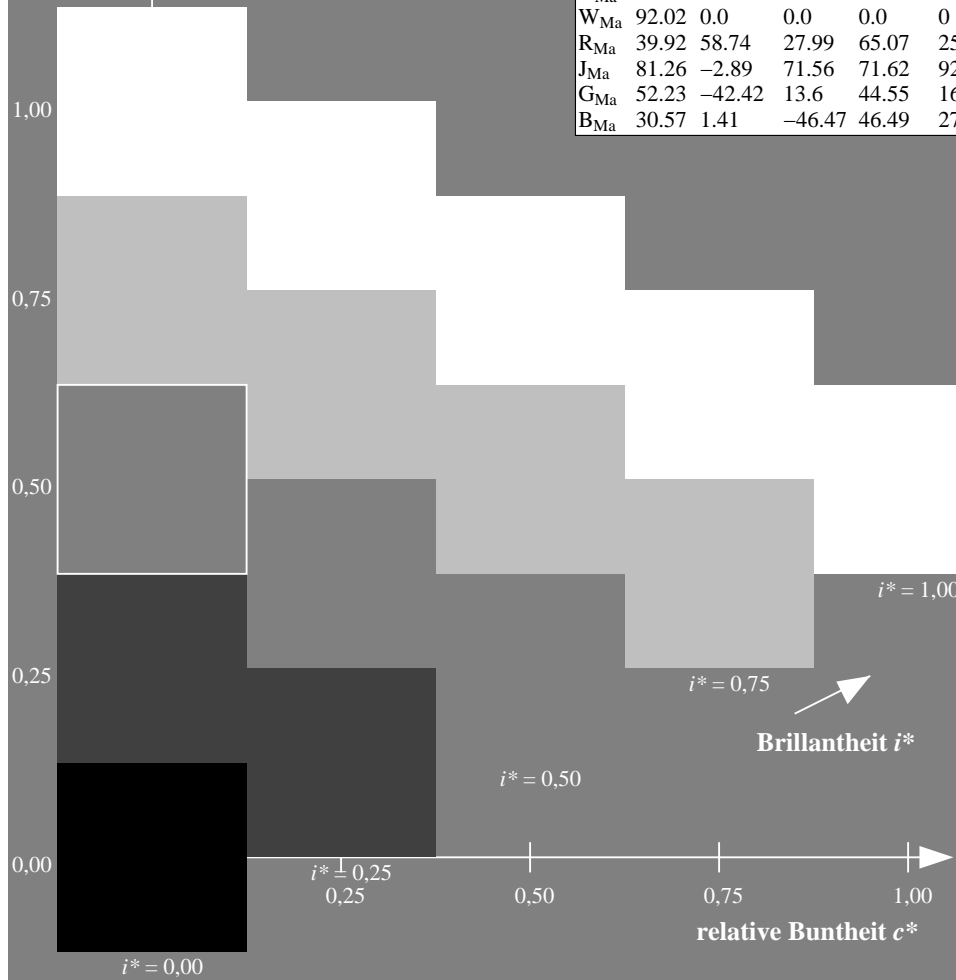
%Regularität

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

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

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



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [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)  
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)

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  $lab^*icu^*$

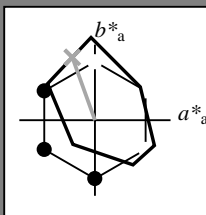
Bunttontexte:

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

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

$u_{rel}^* = 109$

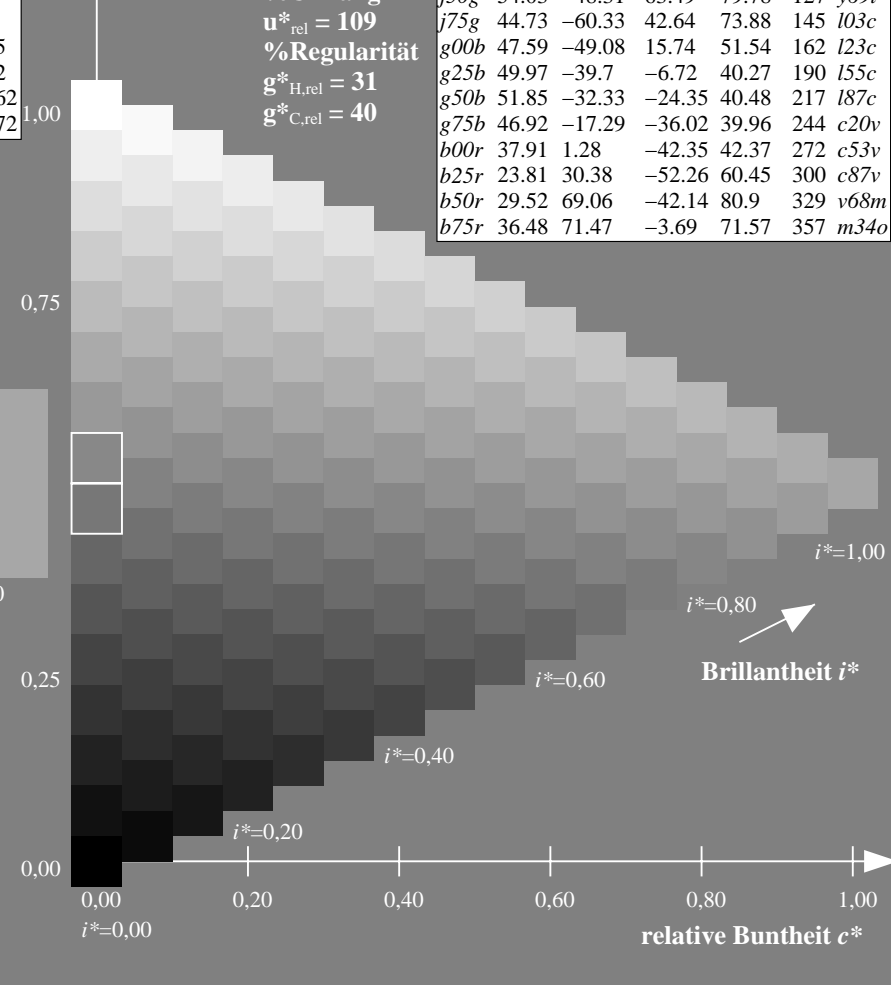
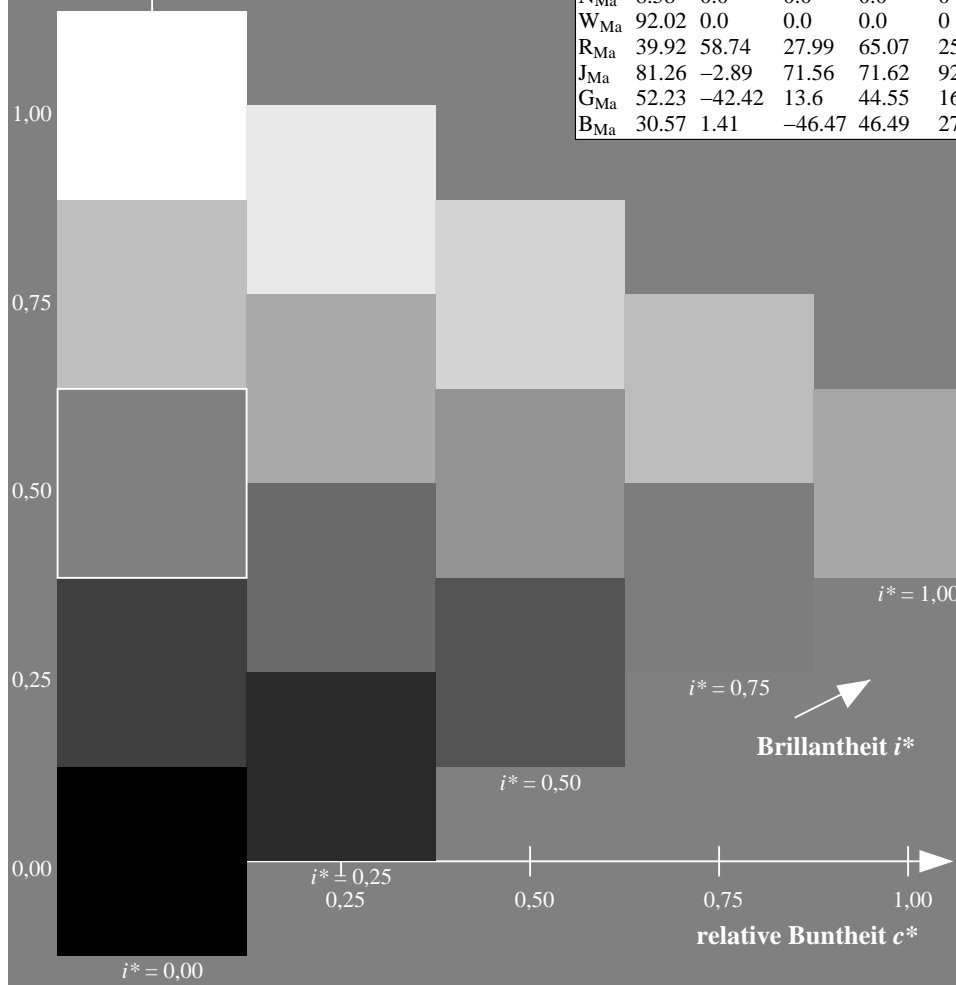
%Regularität

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

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

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



BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

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  $lab^*icu^*$

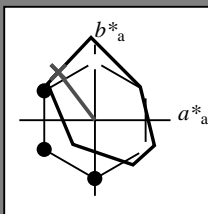
Bunttontexte:

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

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

$u_{rel}^* = 109$

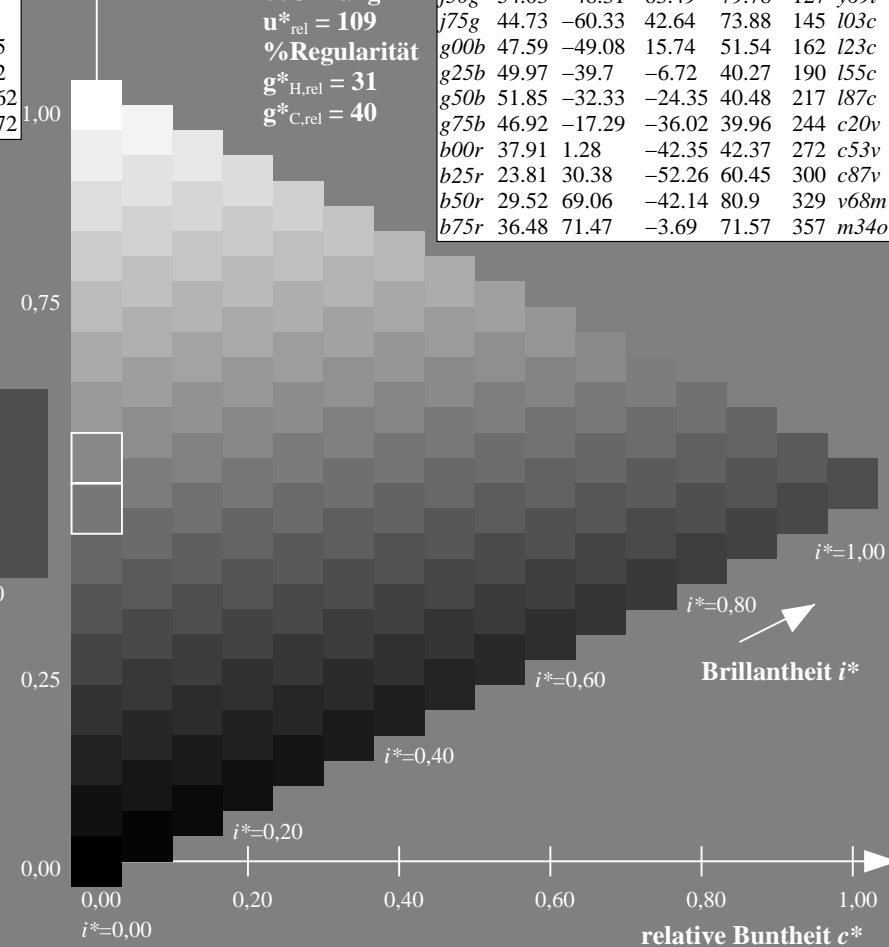
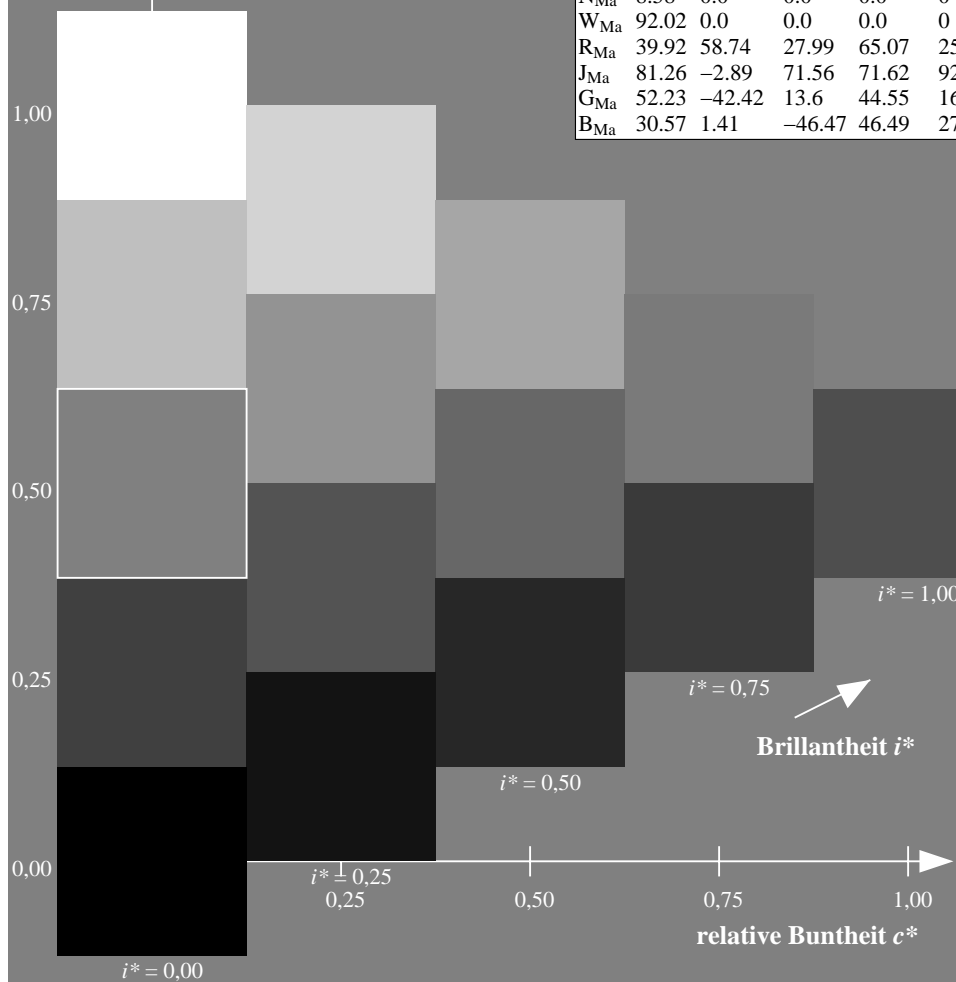
%Regularität

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

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

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:

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

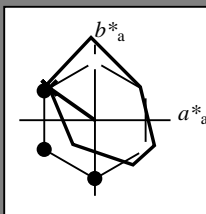
Bunttontexte:

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

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

$u^*_{rel} = 109$

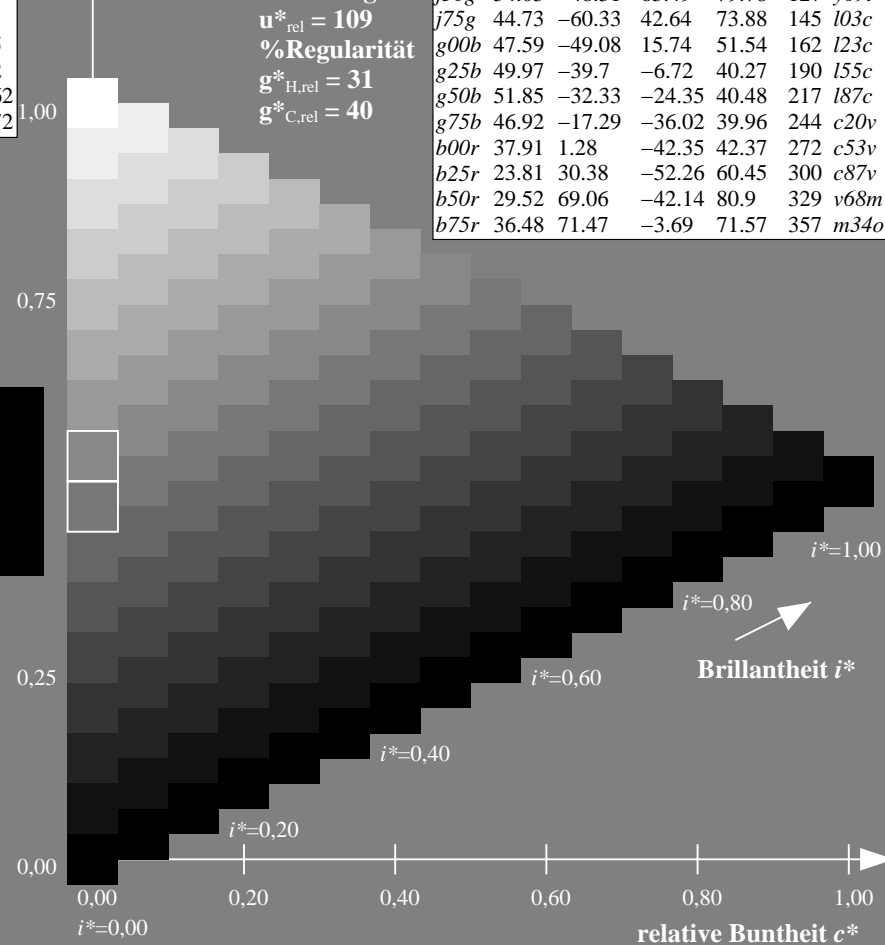
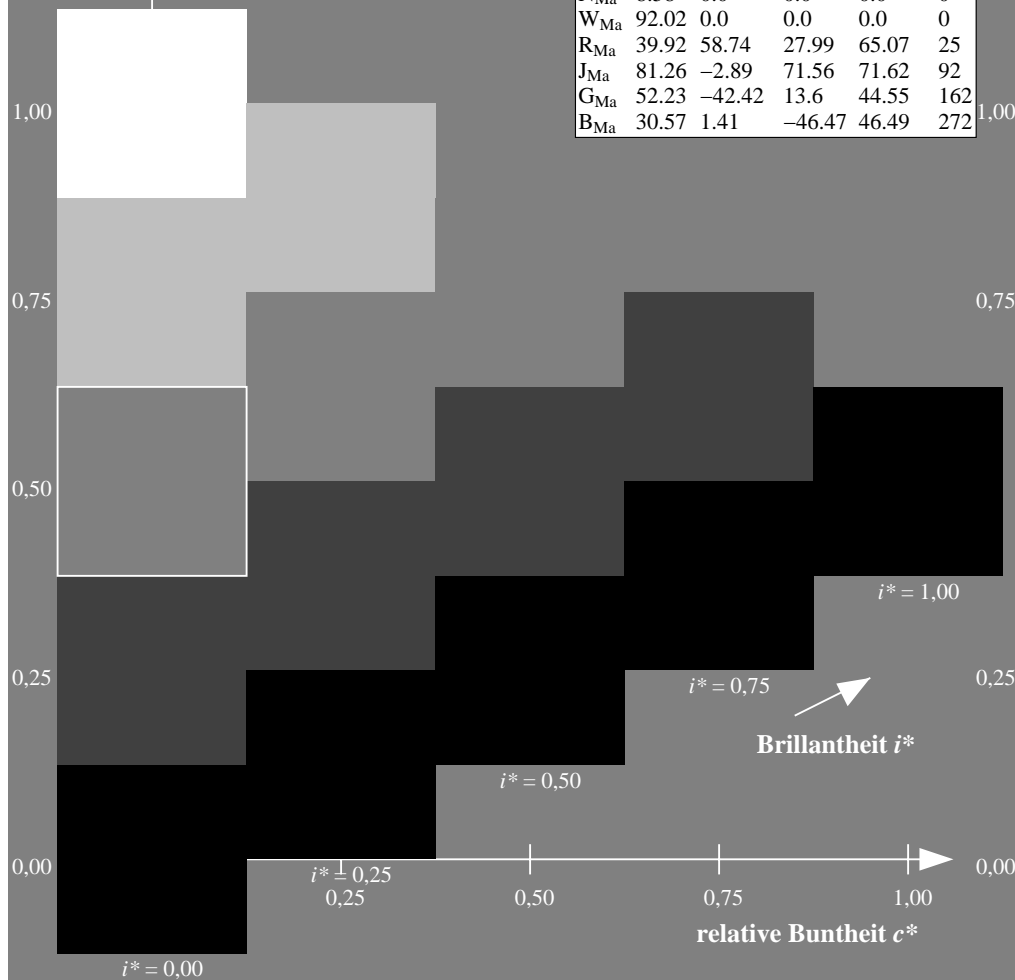
%Regularität

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

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

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	



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  $lab^*icu^*$

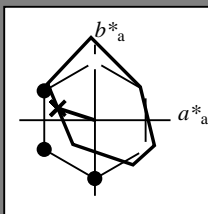
Bunttontexte:

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

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

$u^*_{rel} = 109$

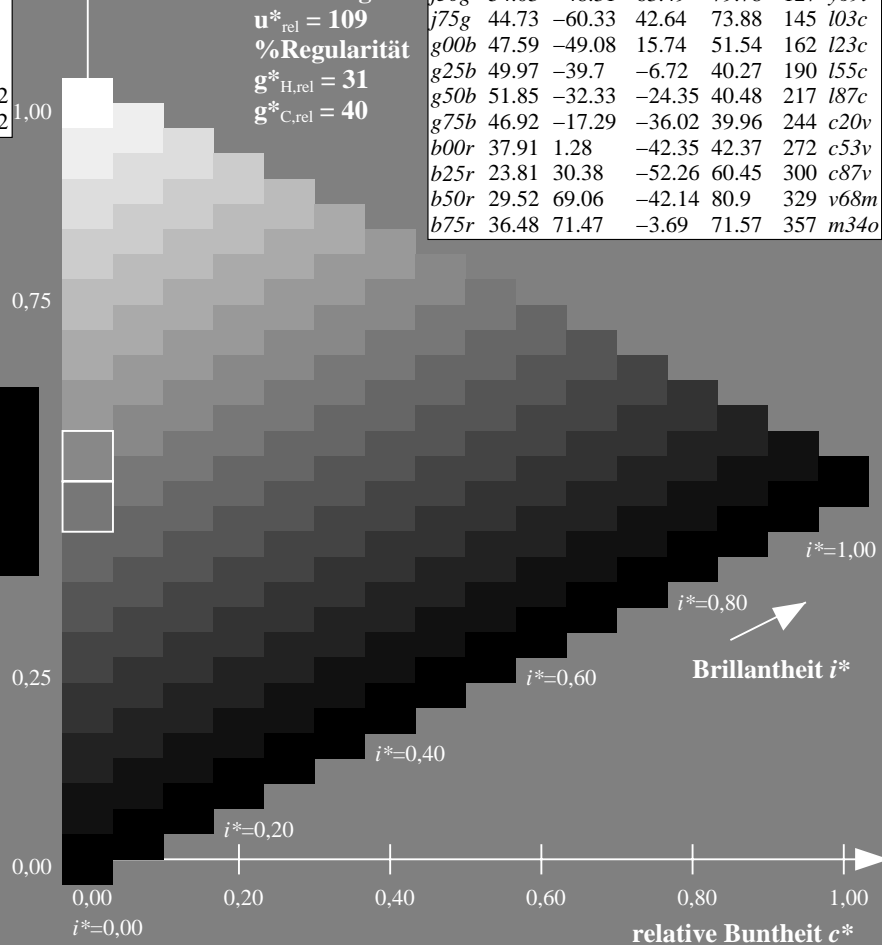
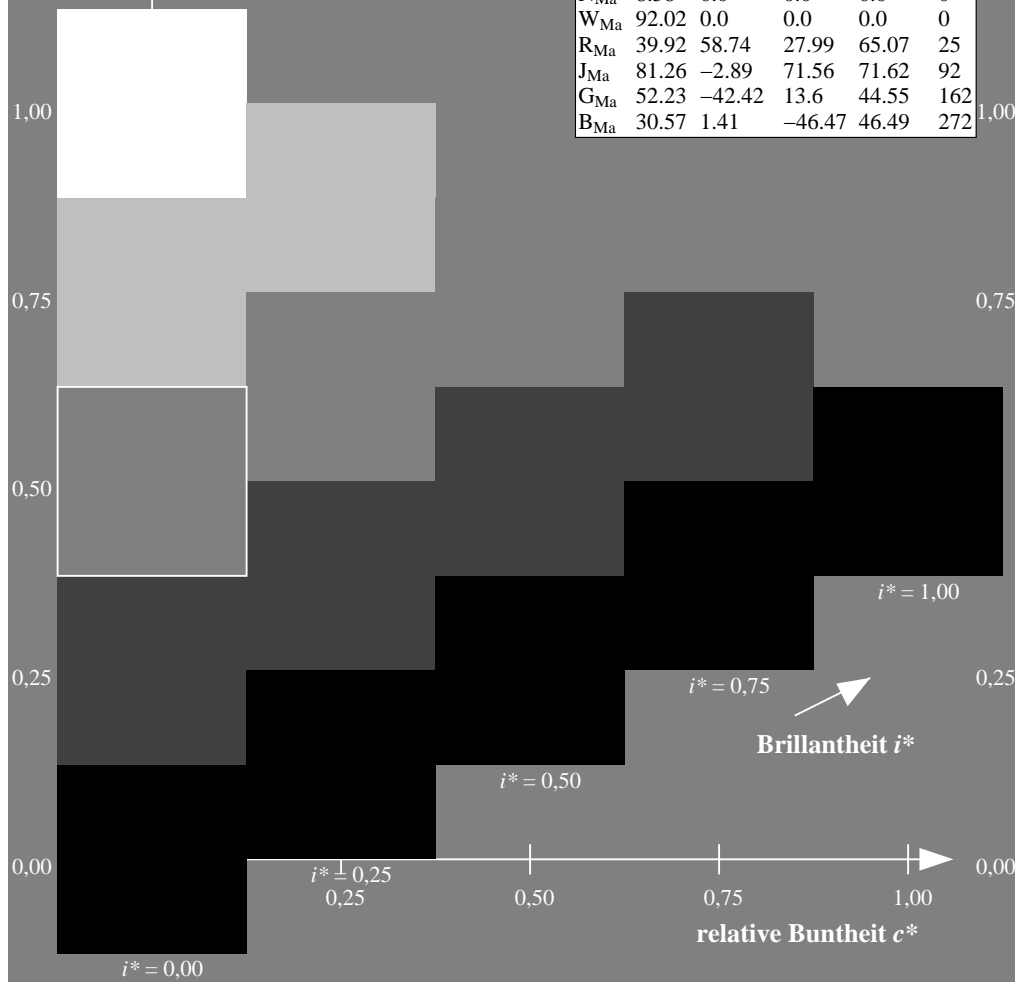
%Regularität

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

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

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:

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

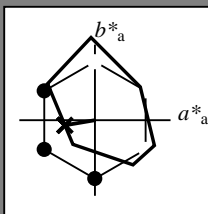
Bunttontexte:

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

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

$u^*_{rel} = 109$

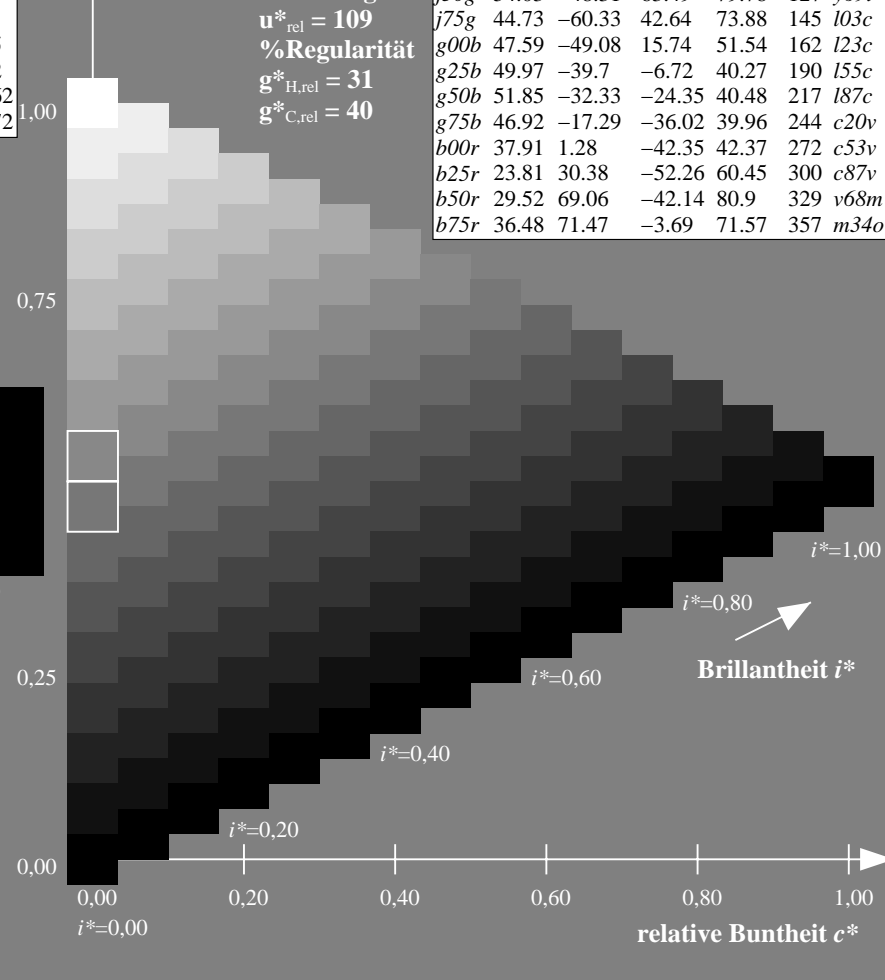
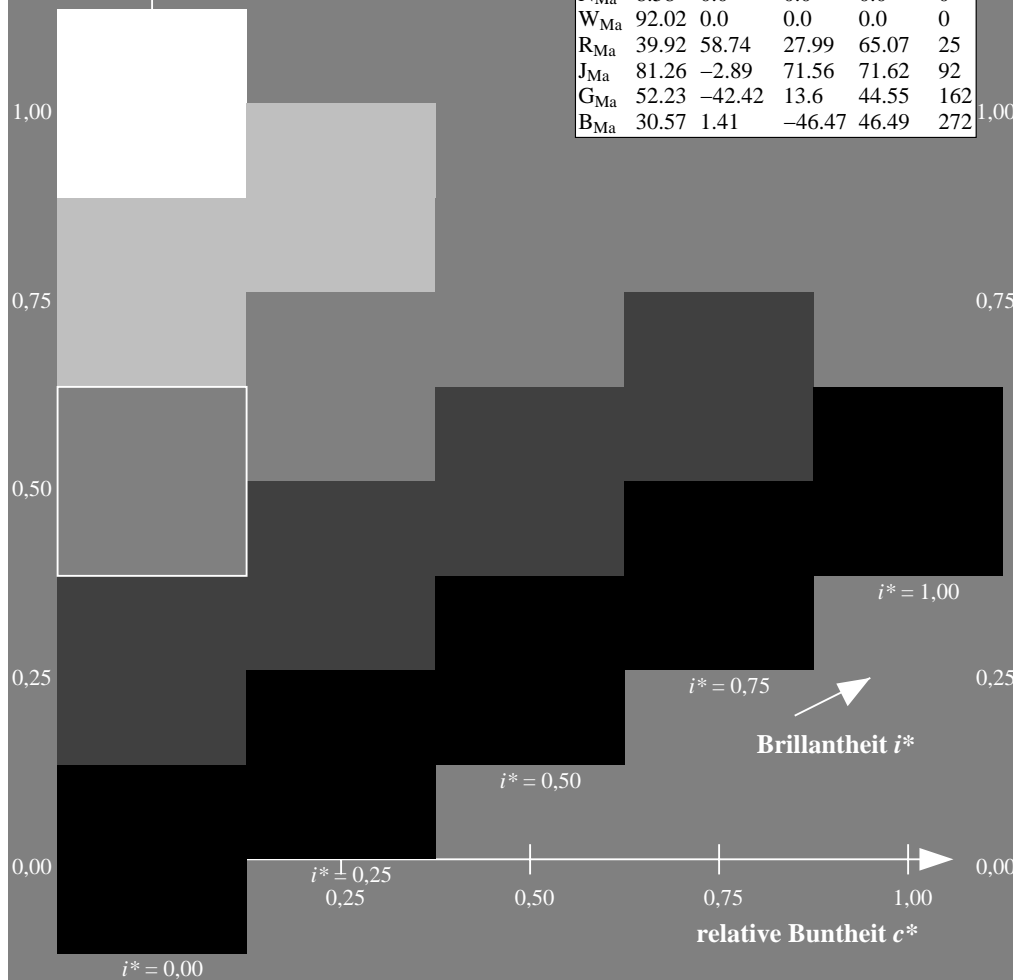
%Regularität

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

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

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



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  $lab^*icu^*$

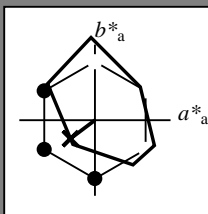
Bunttontexte:

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

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

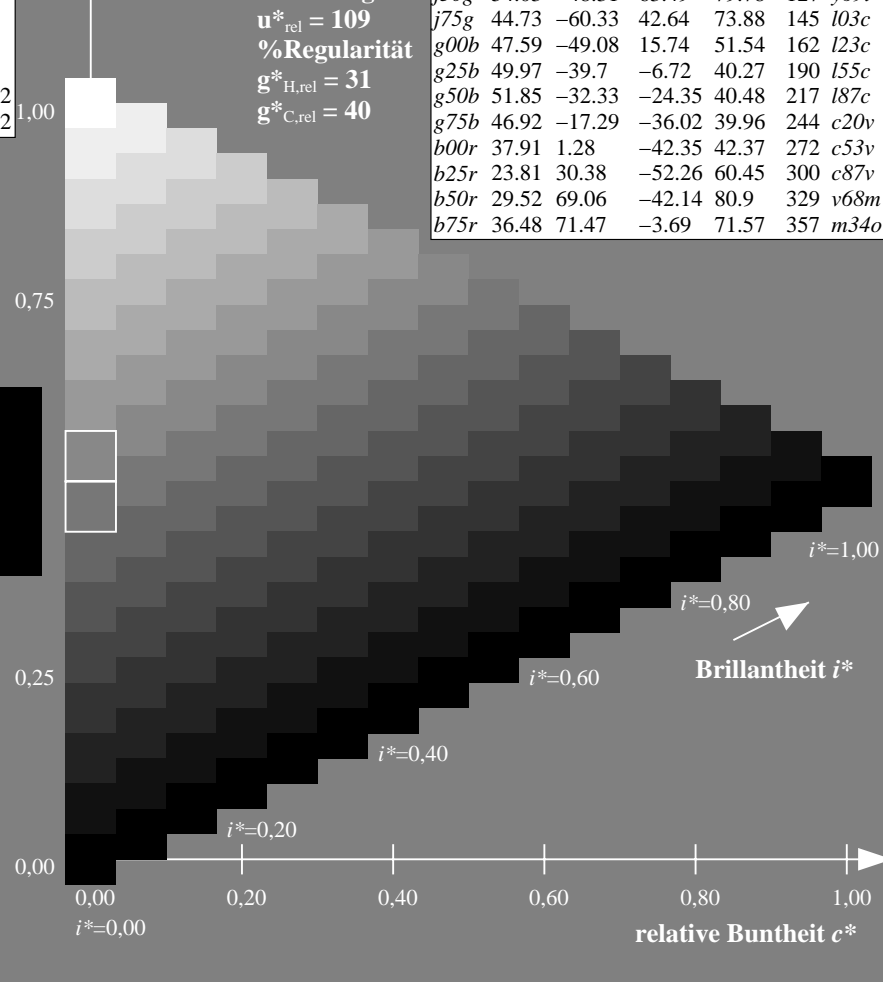
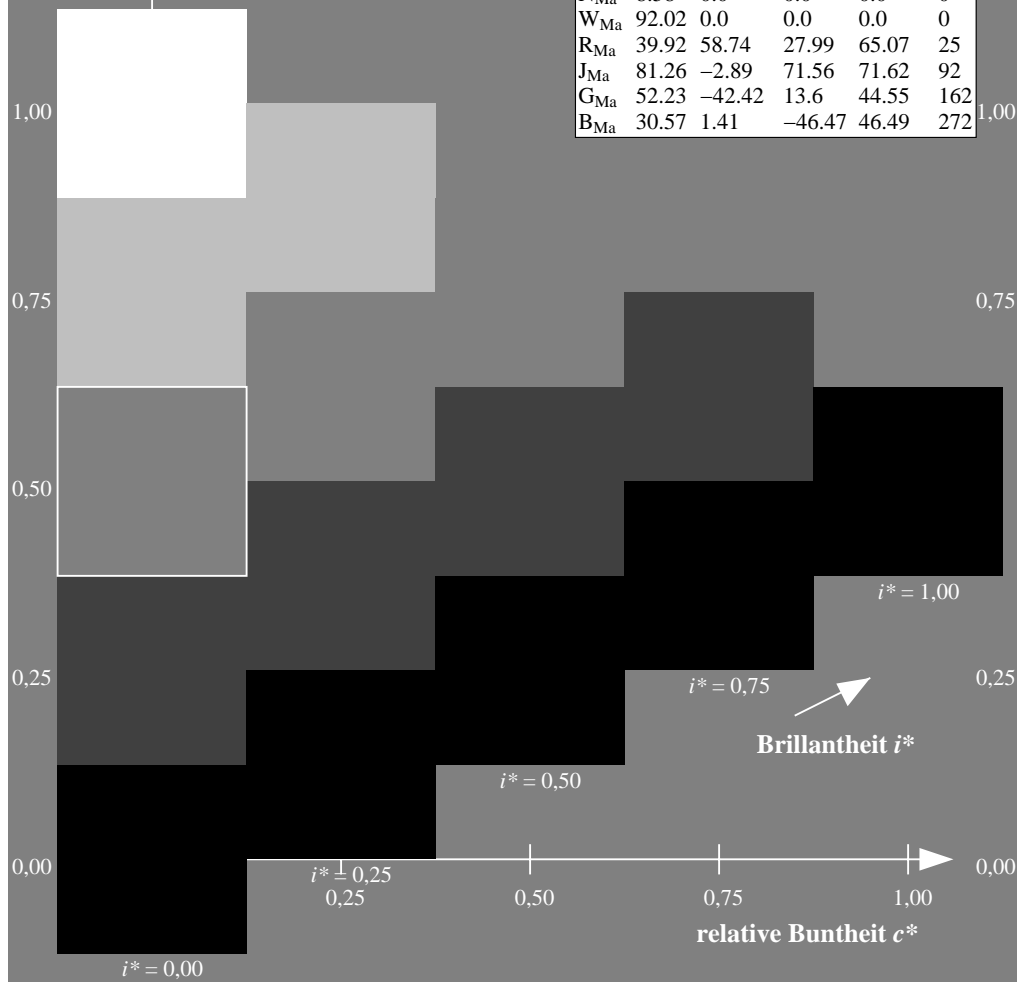
$u^*_{rel} = 109$

%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	



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [www.ps.bam.de/Version 2.1, io=1,1, Col5px=0](http://www.ps.bam.de/Version2.1,io=1,1,Col5px=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, Col5px=0](http://www.ps.bam.de/Version2.1,io=1,1,Col5px=0)

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  $lab^*icu^*$

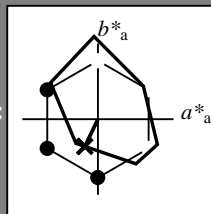
Bunttontexte:

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

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

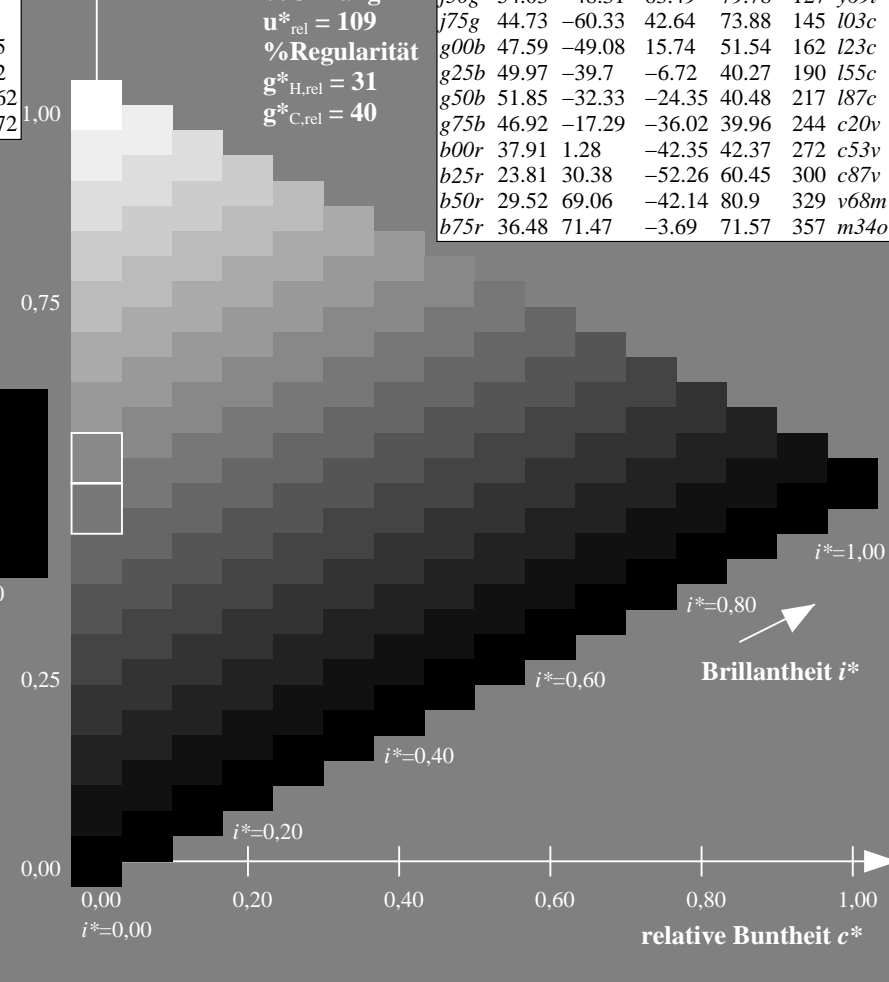
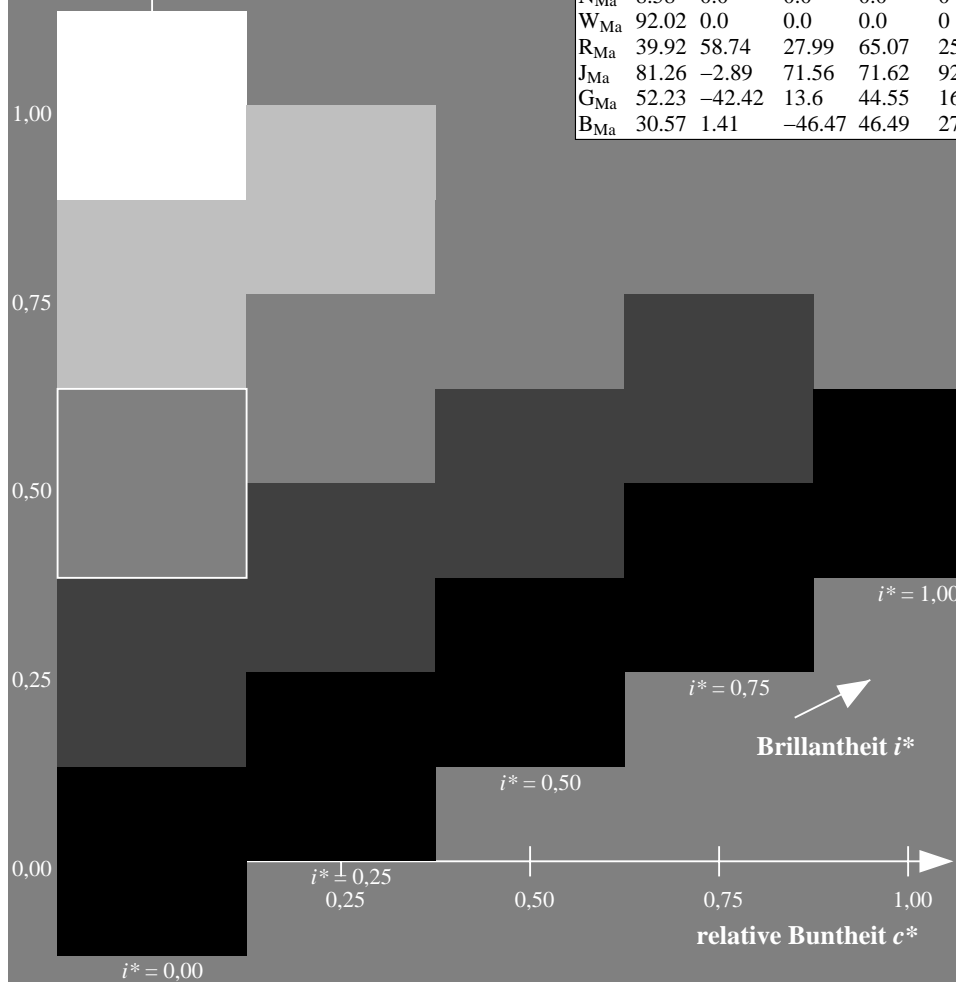
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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



BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

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  $lab^*icu^*$

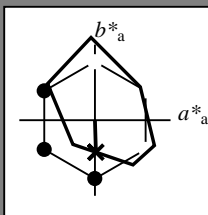
Bunttontexte:

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

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

$u^*_{rel} = 109$

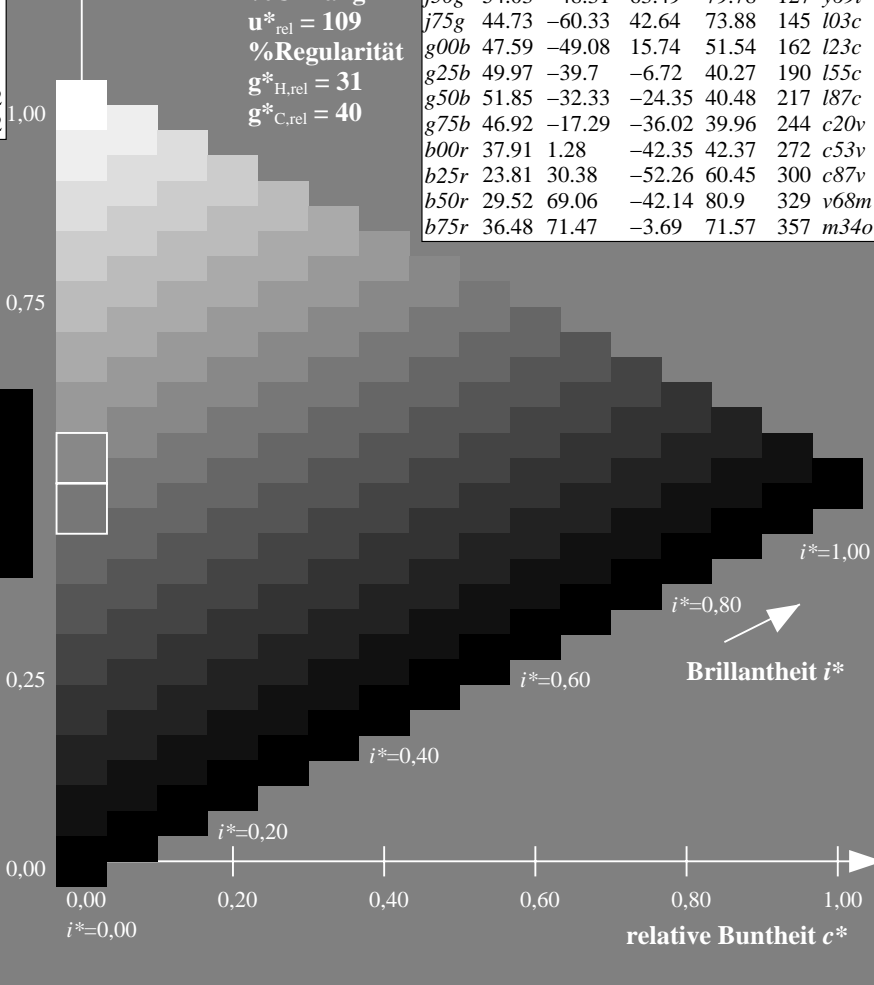
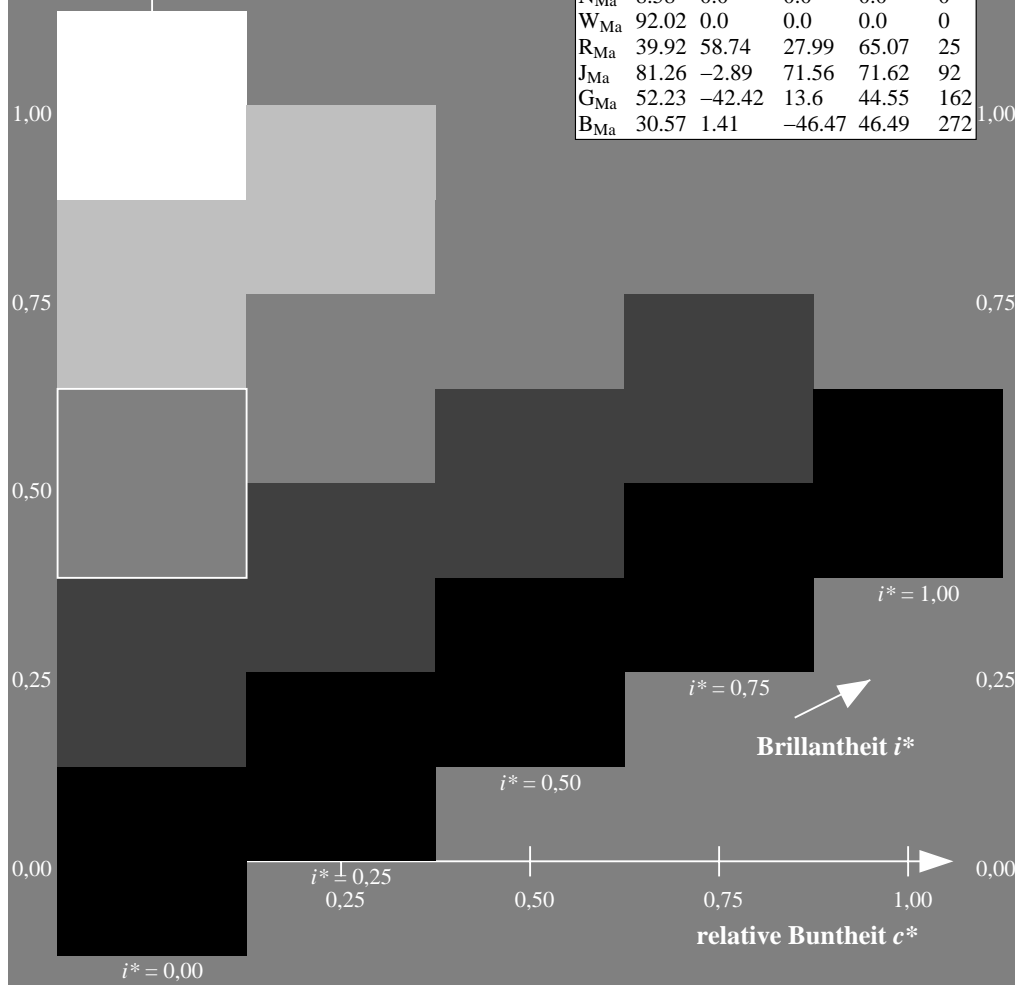
%Regularität

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

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

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	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  $lab^*icu^*$

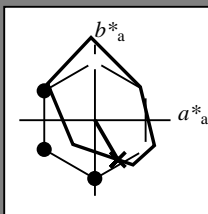
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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

$u^*_{rel} = 109$

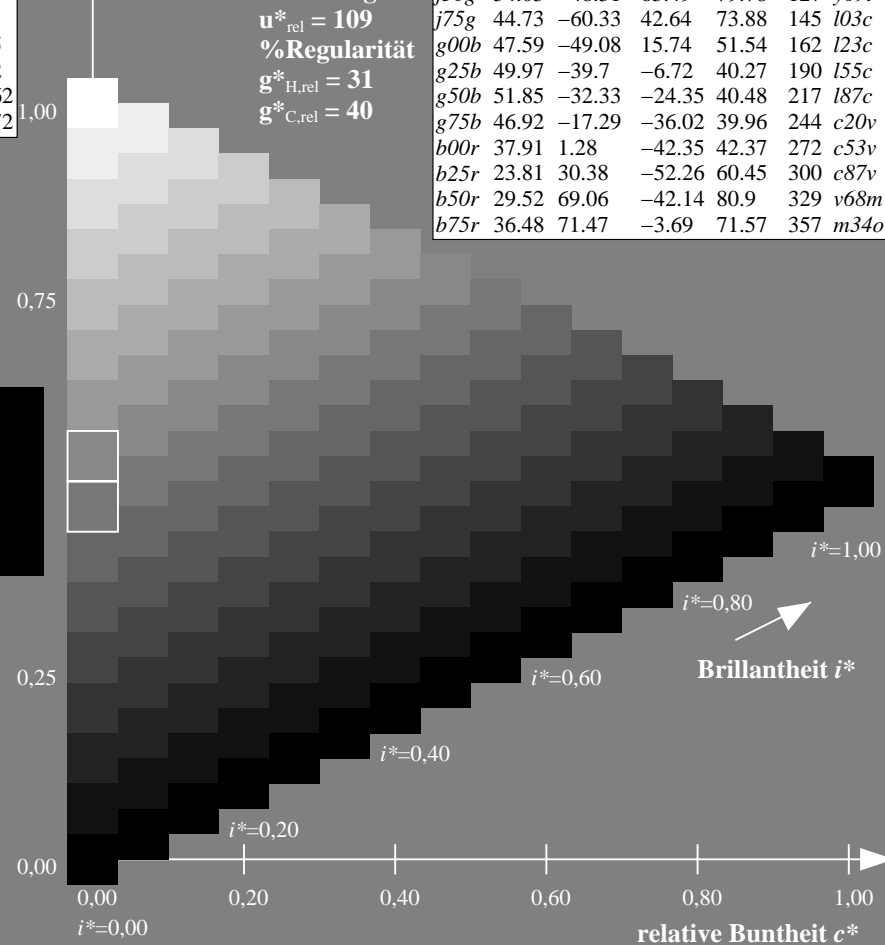
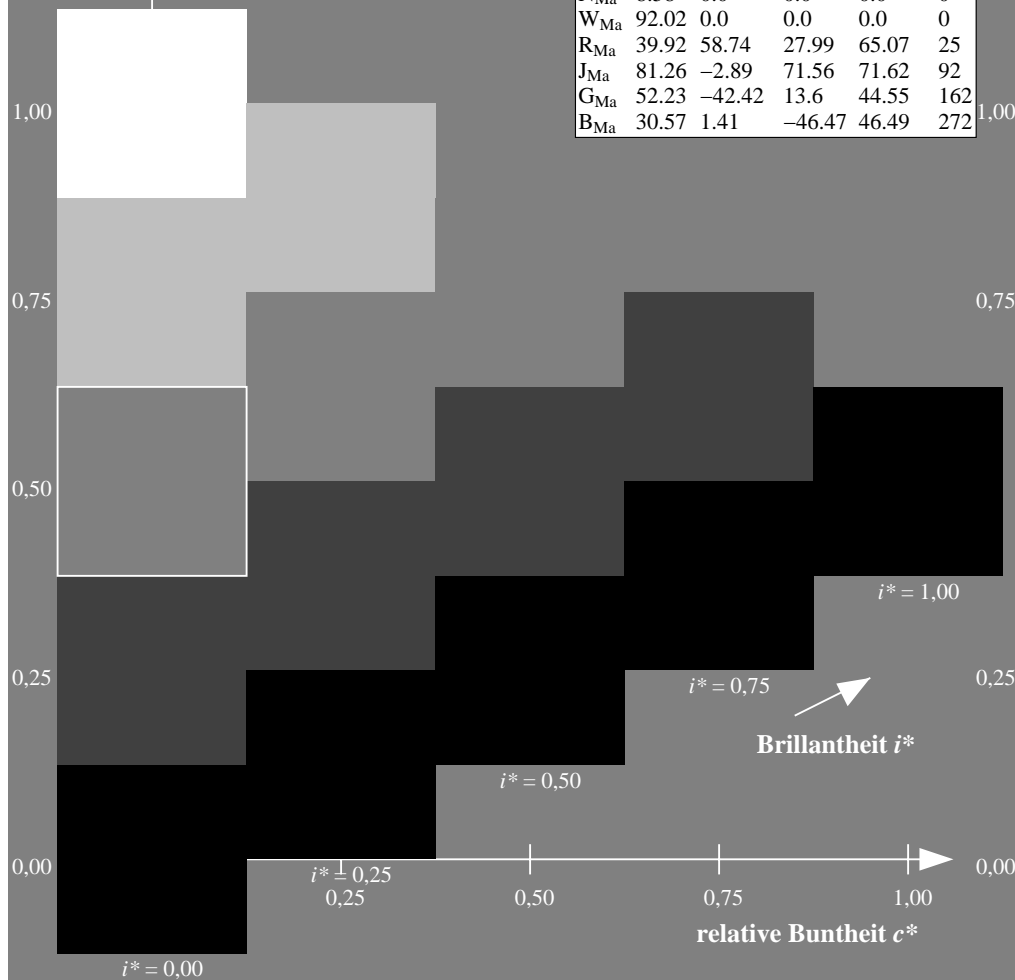
%Regularität

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

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

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	



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  $lab^*icu^*$

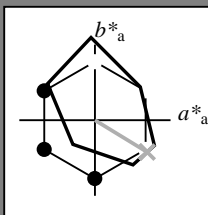
Bunttontexte:

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

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

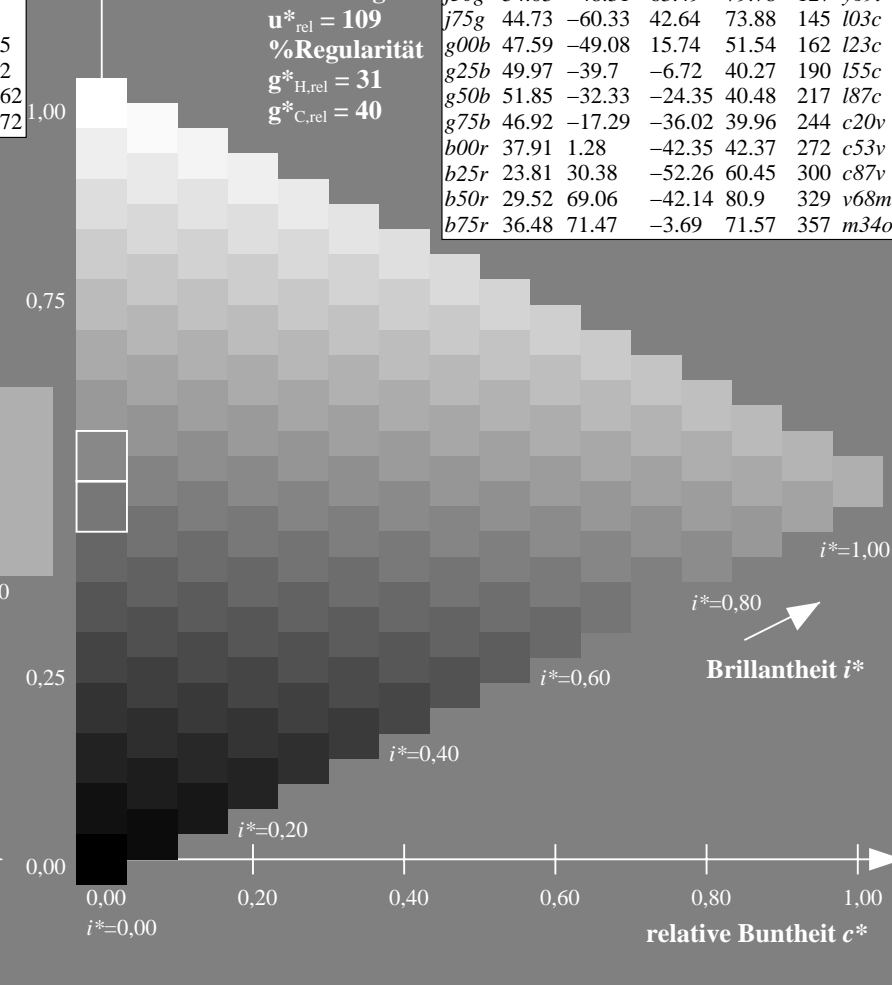
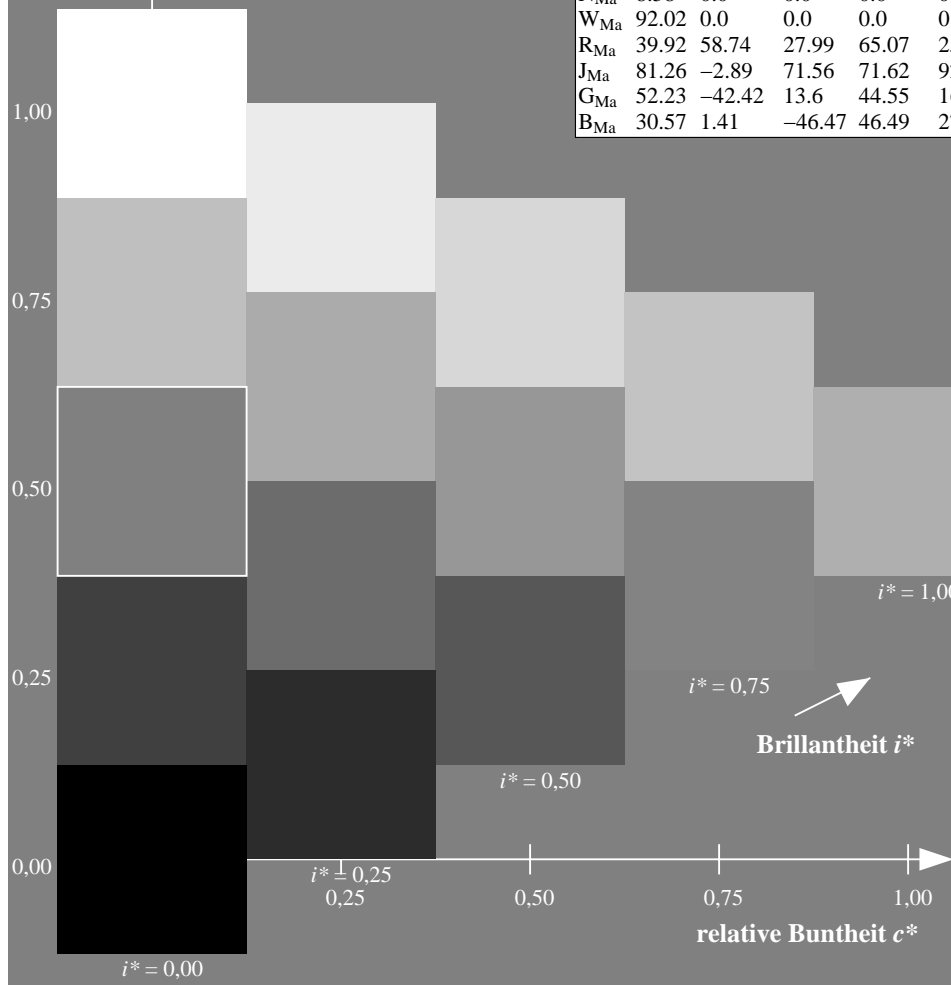
$u^*_{rel} = 109$

%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





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  $lab^*icu^*$

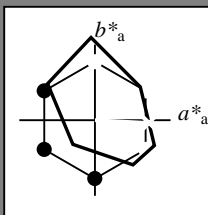
Bunttontexte:

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

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

$u^*_{rel} = 109$

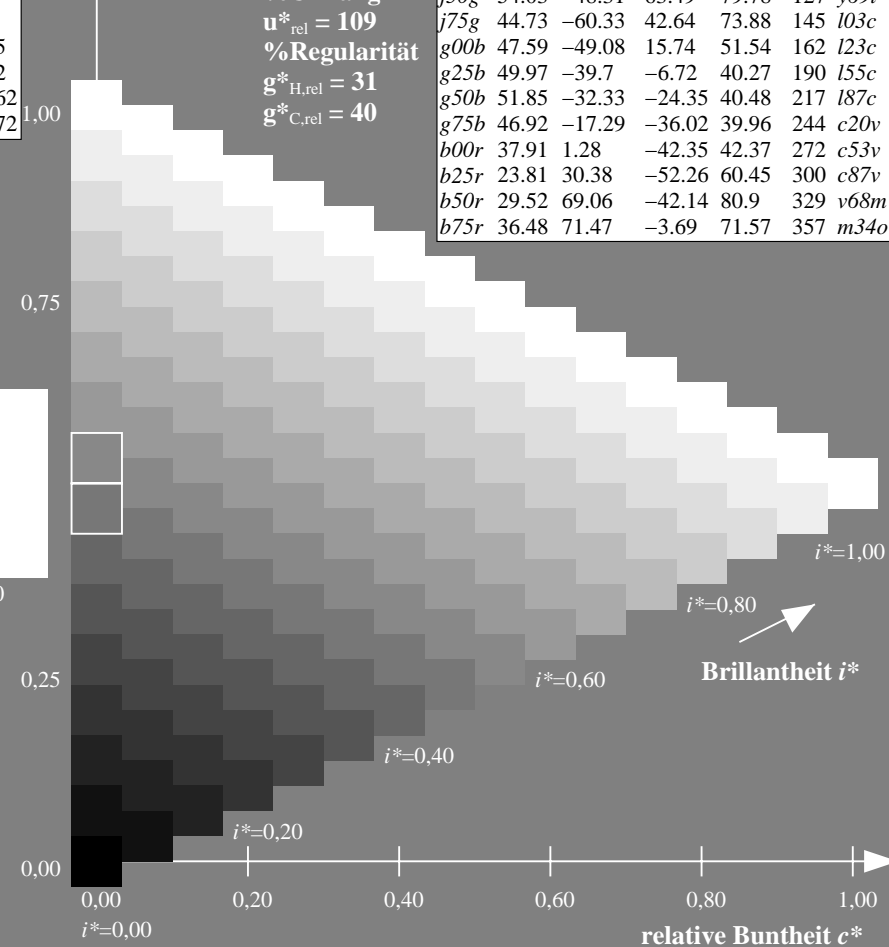
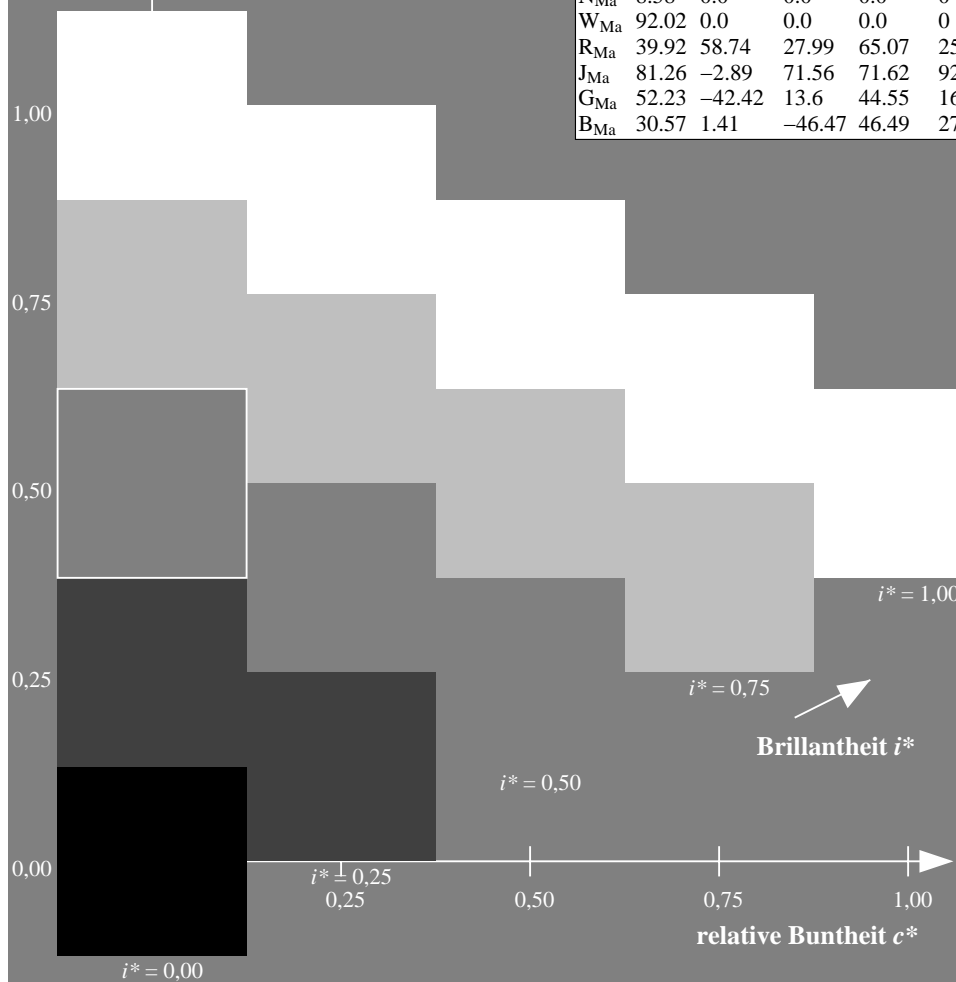
%Regularität

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

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

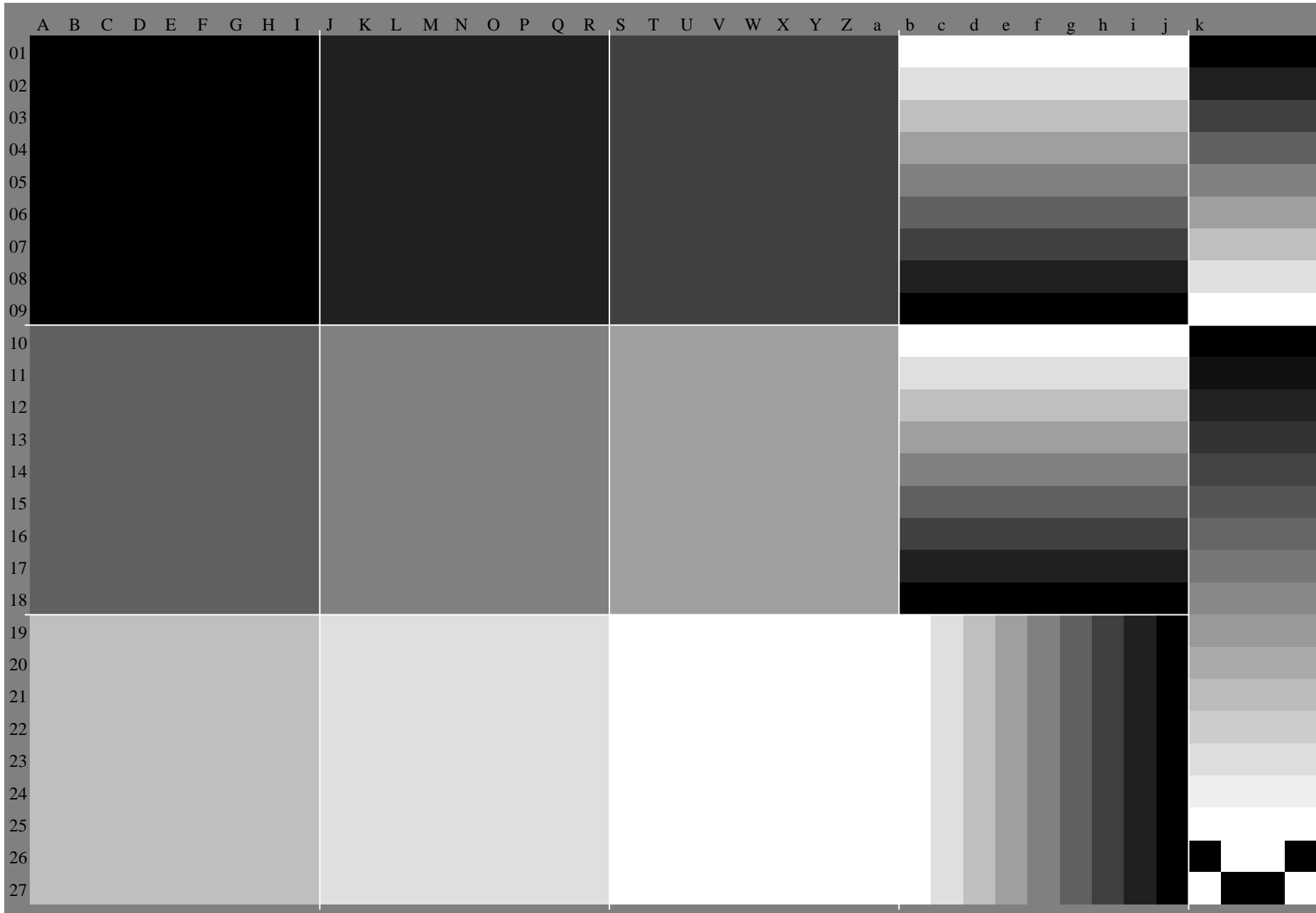
FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
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



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [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-Eg10/10L/L10G00NA.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:

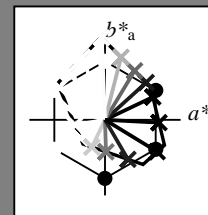
$u^*_e$  = 16 Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

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

$u^*_{rel} = 109$

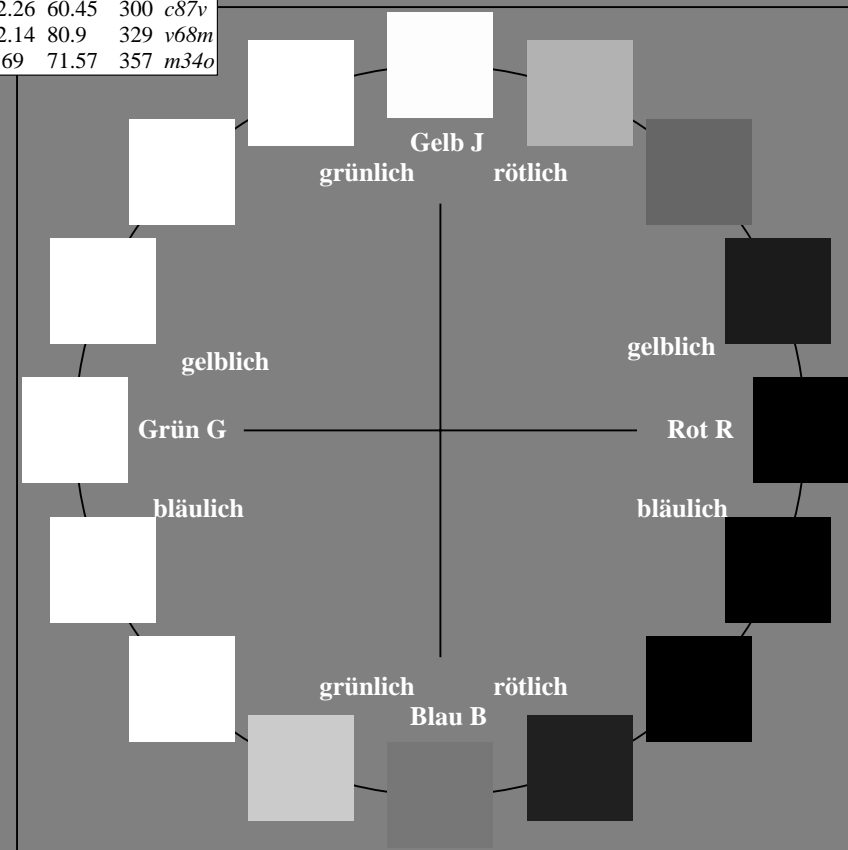
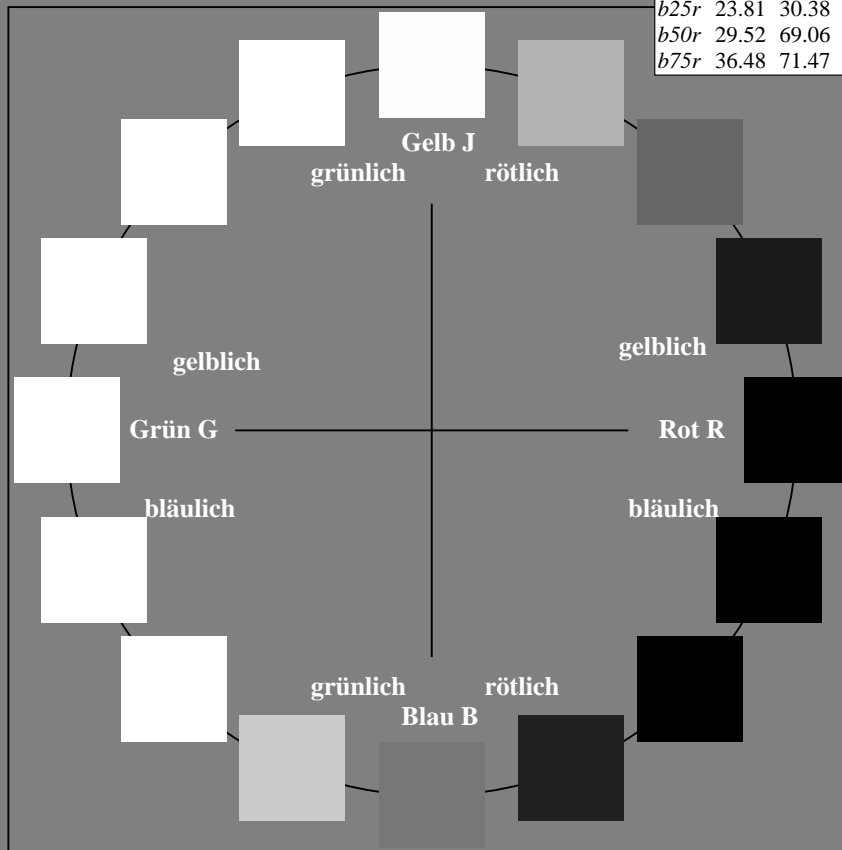
%Regularität

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

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

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	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:

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

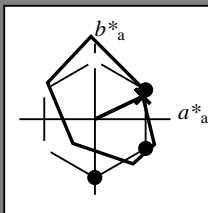
Bunttontexte:

$u_e^* = r00j$   $u_d^* = m81o$

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

$u_{rel}^* = 109$

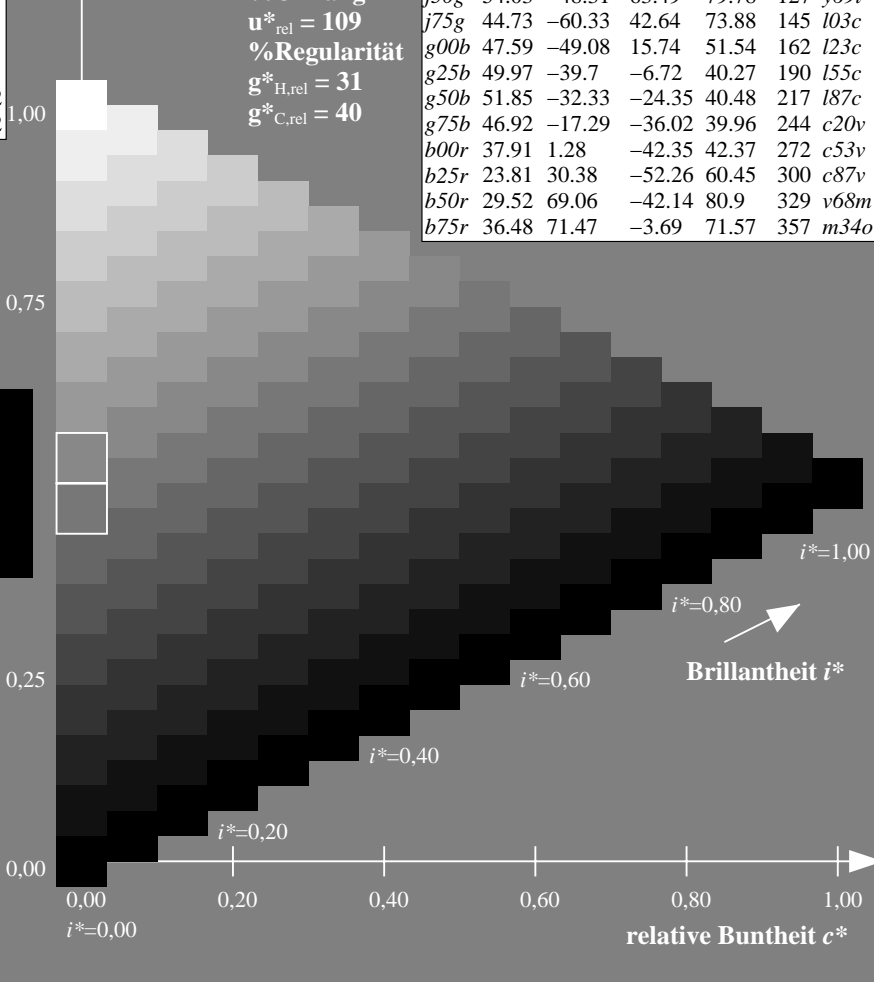
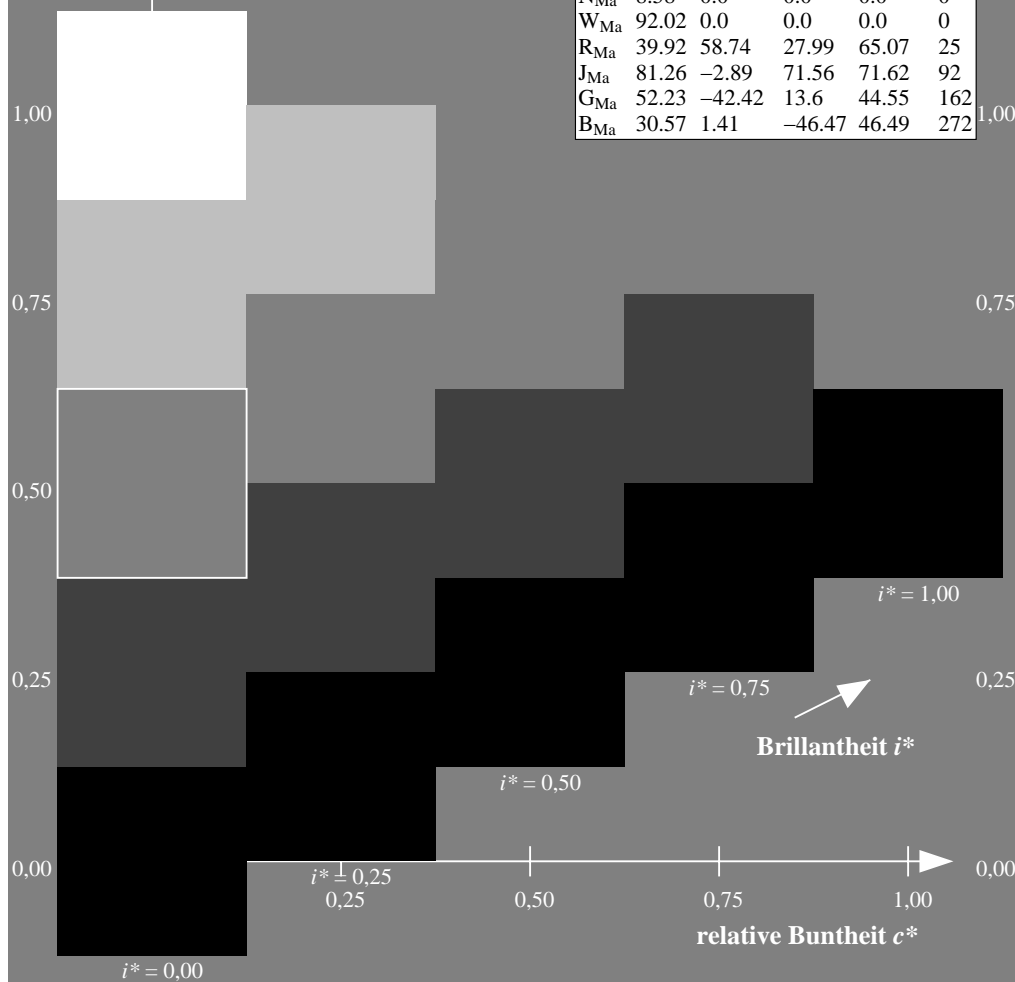
%Regularität

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

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

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: 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  $lab^*icu^*$

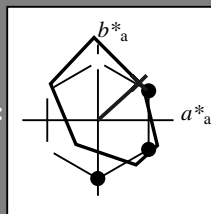
Bunttontexte:

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

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

$u^*_{rel} = 109$

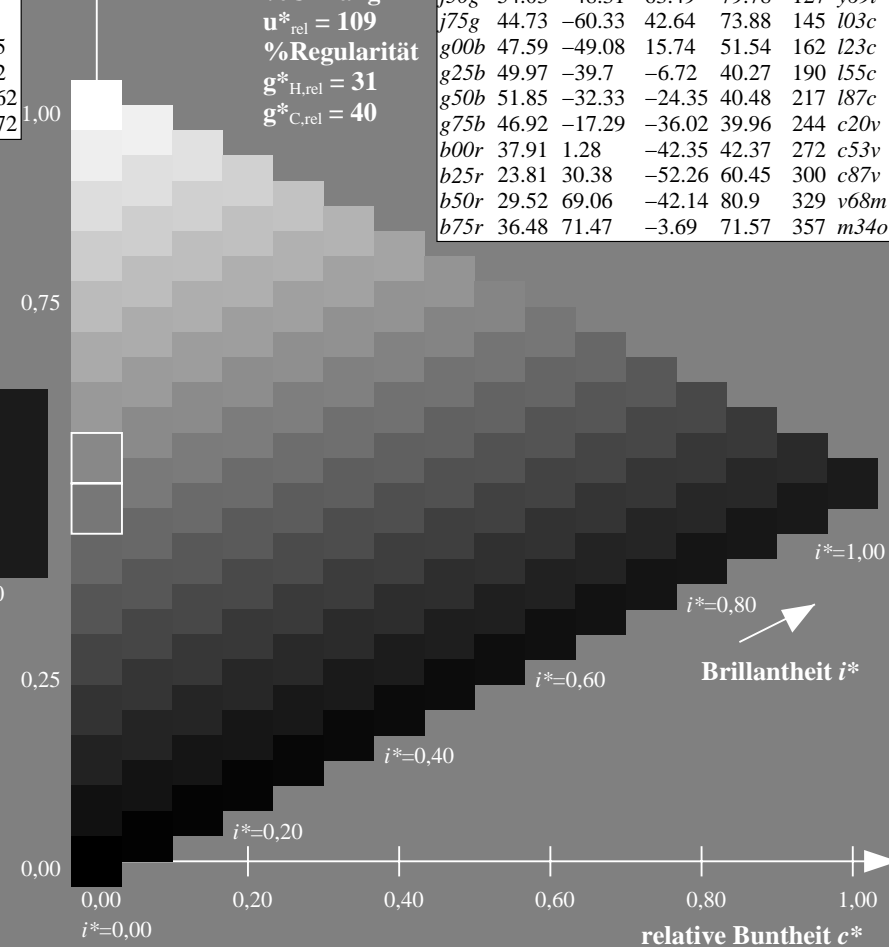
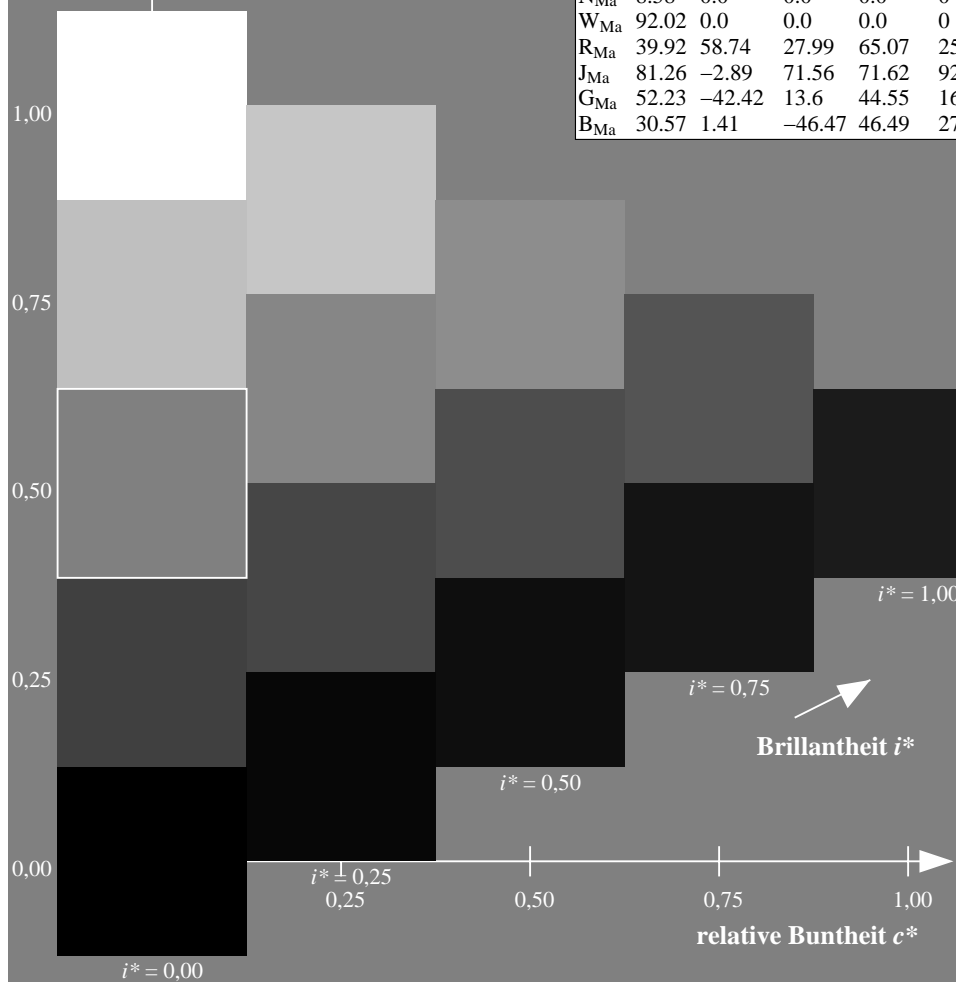
%Regularität

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

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

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	



100

[illegible]



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  $lab^*icu^*$

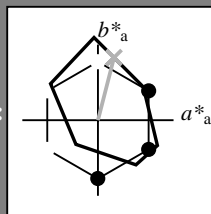
Bunttontexte:

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

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

$u^*_{rel} = 109$

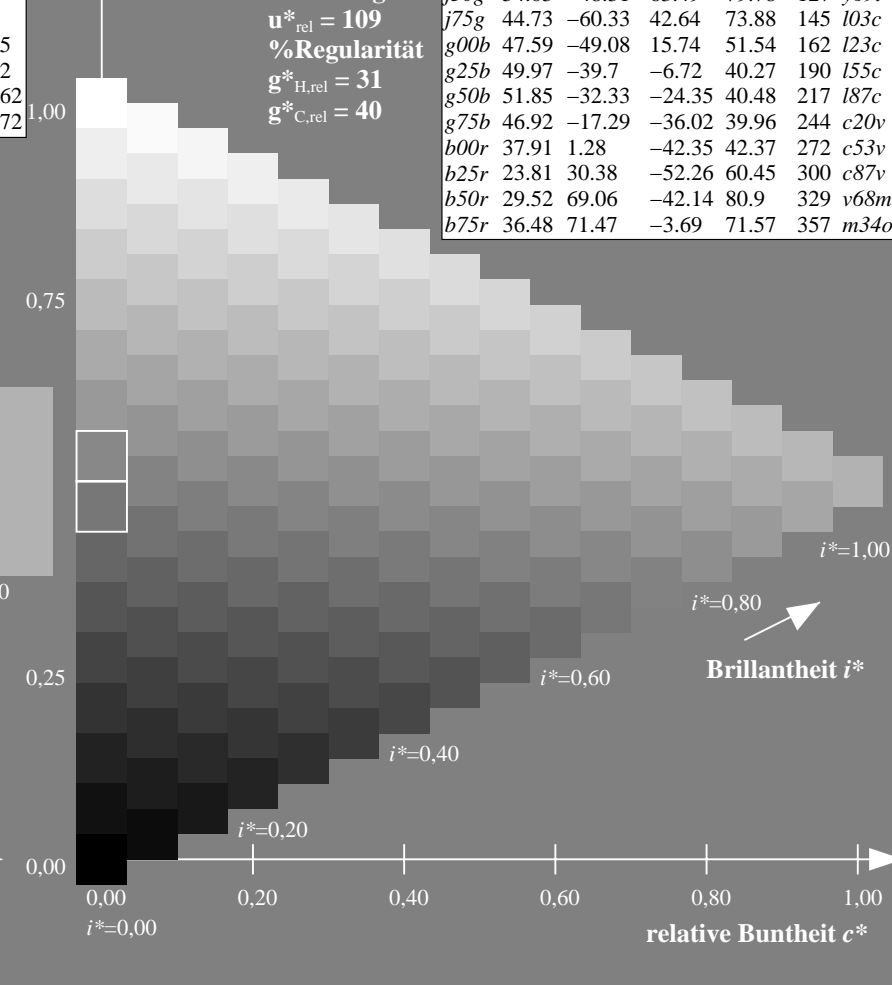
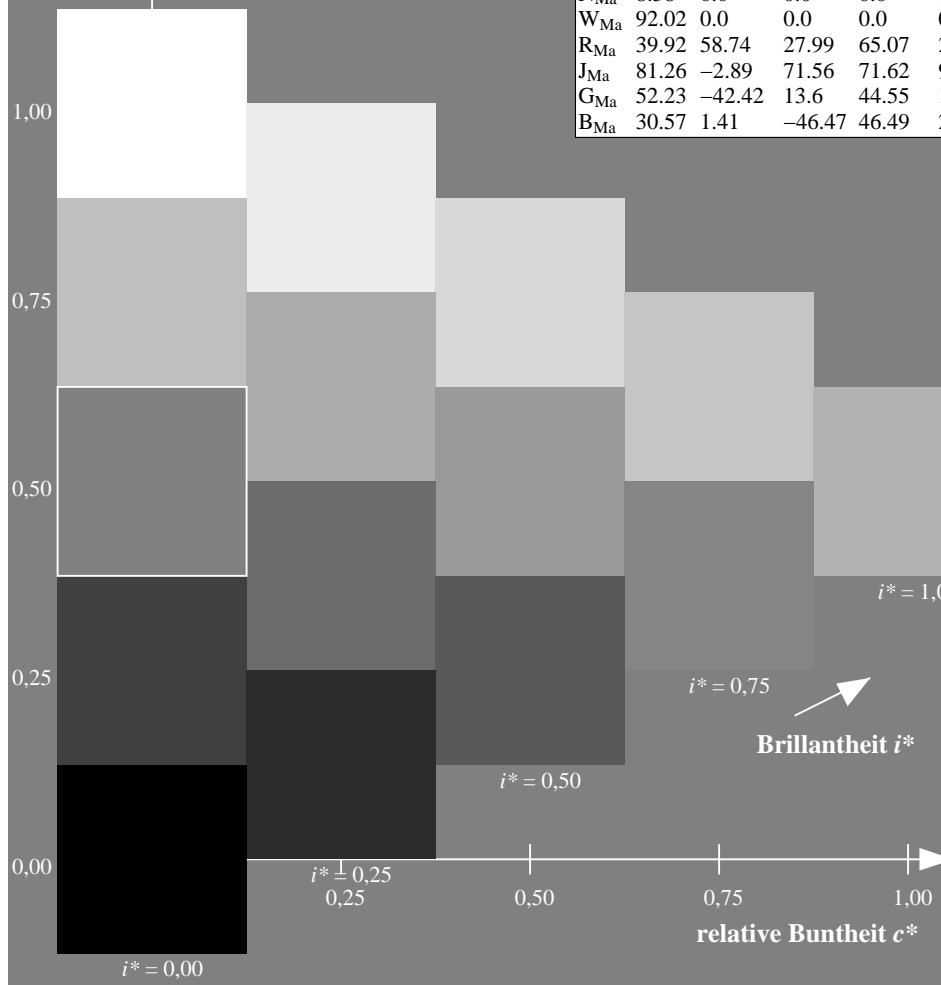
%Regularität

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

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

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



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [www.ps.bam.de/Version2.1,io=1,1,Col5px=0](http://www.ps.bam.de/Version2.1,io=1,1,Col5px=0)  
Technische Information: <http://www.ps.bam.de/Version2.1,io=1,1,Col5px=0>

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  $lab^*icu^*$

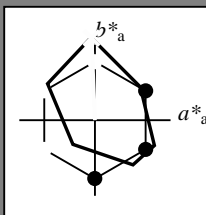
Bunttontexte:

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

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

$u_{rel}^* = 109$

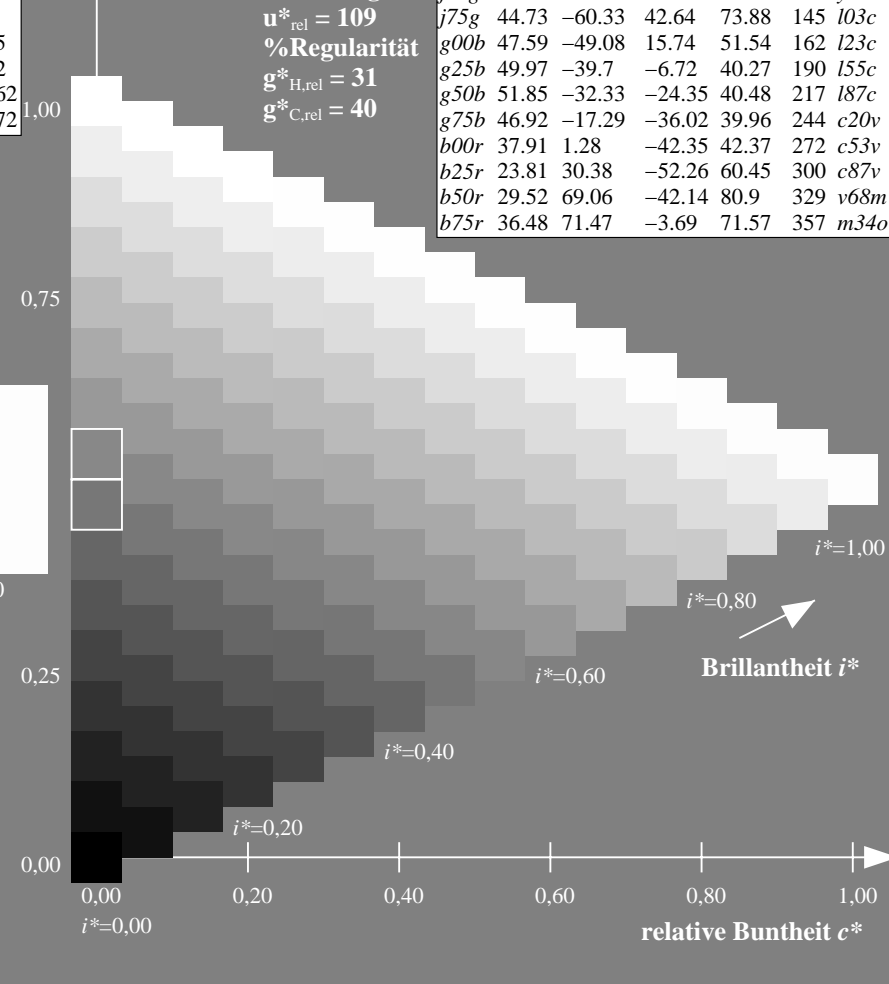
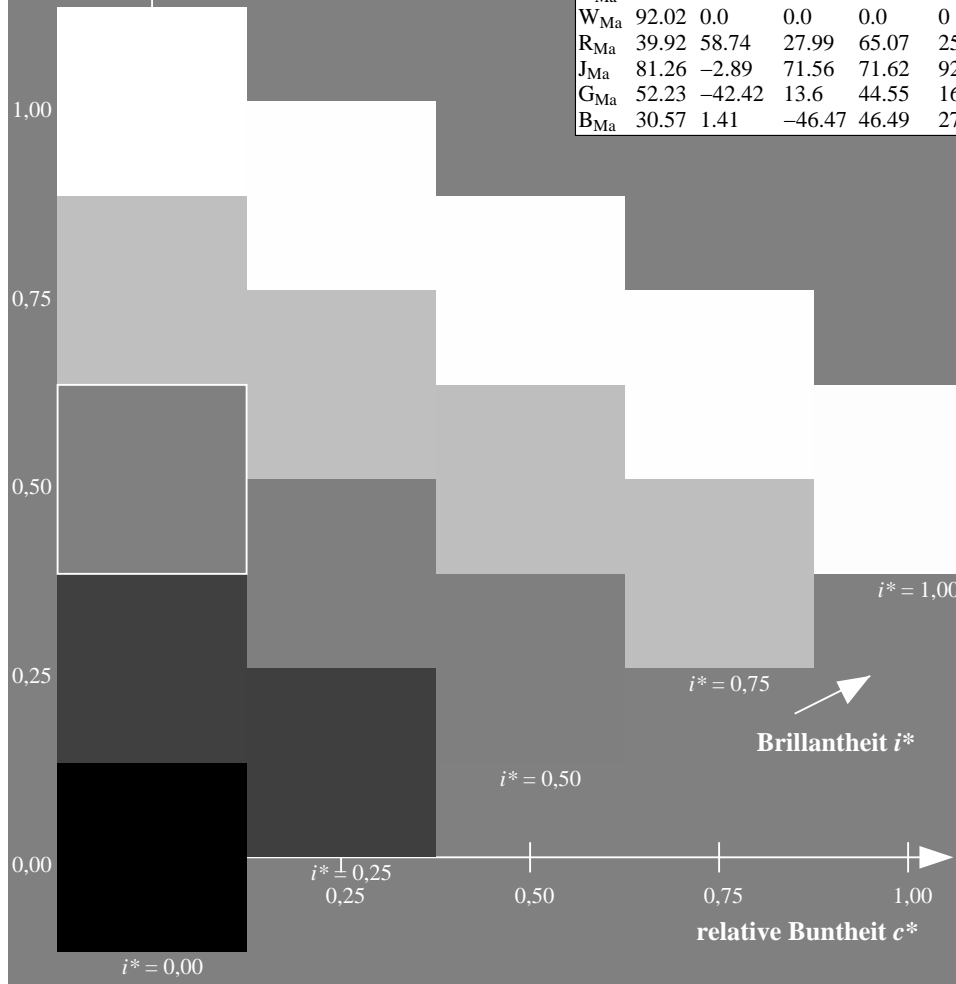
%Regularität

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

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

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



BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [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)  
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)

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  $lab^*icu^*$

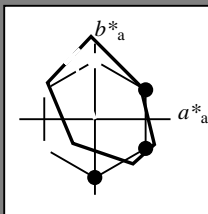
Bunttontexte:

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

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

$u^*_{rel} = 109$

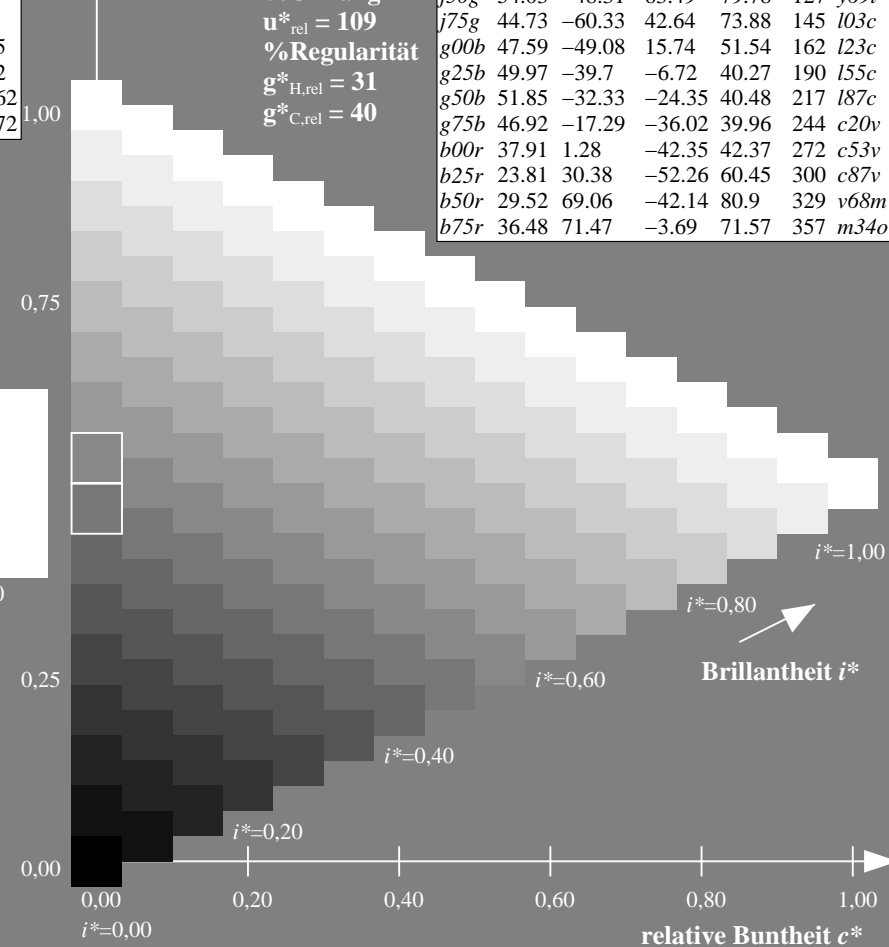
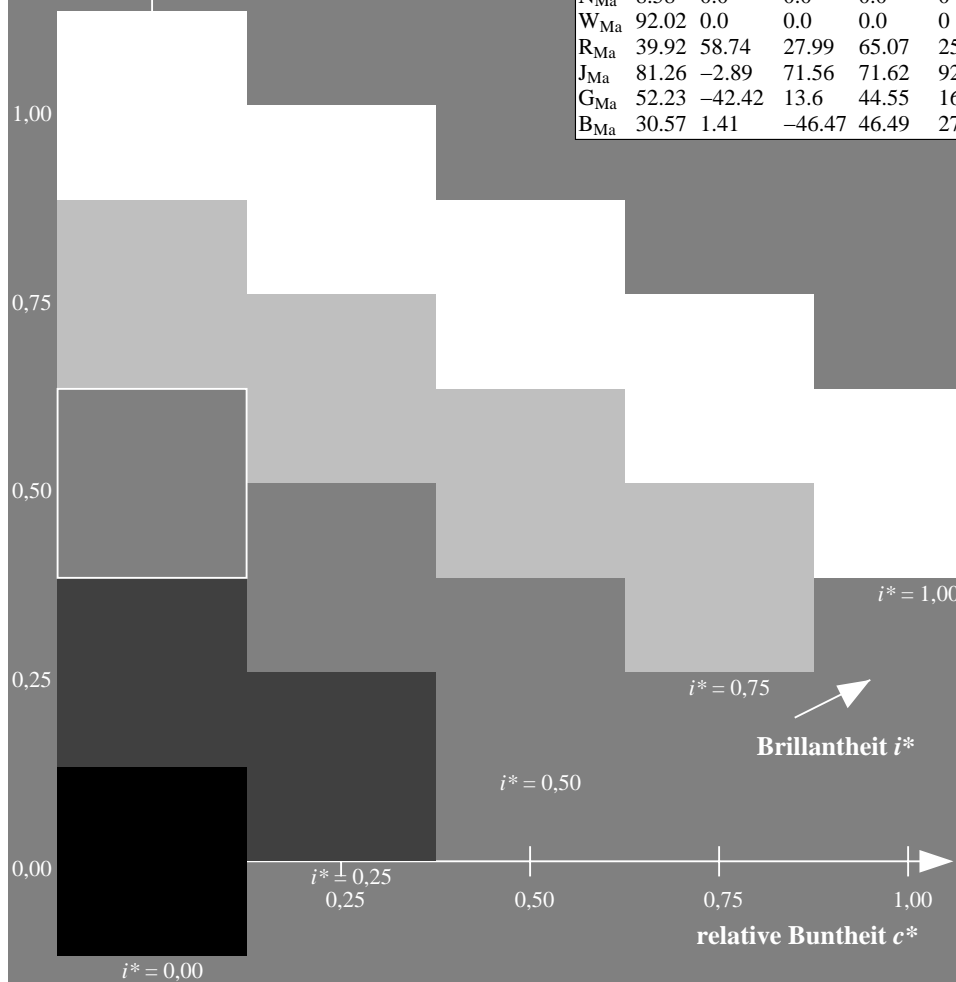
%Regularität

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

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

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



BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

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  $lab^*icu^*$

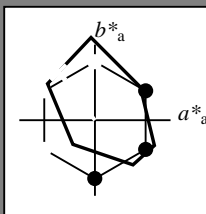
Bunttontexte:

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

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

$u_{rel}^* = 109$

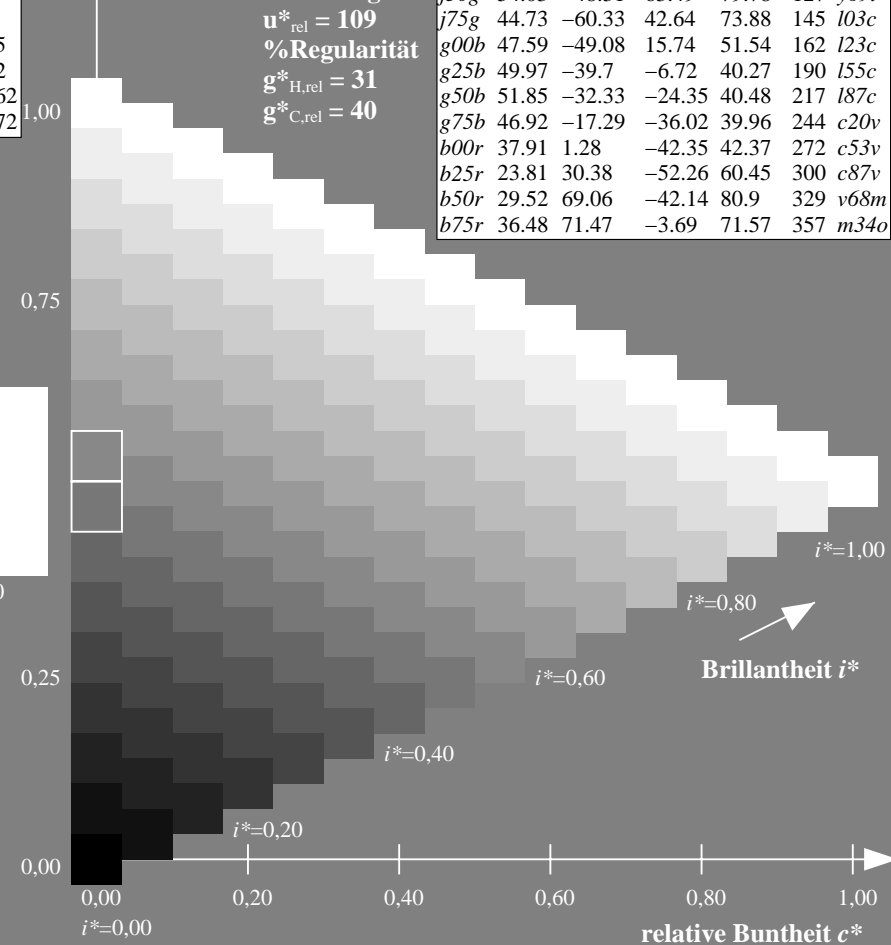
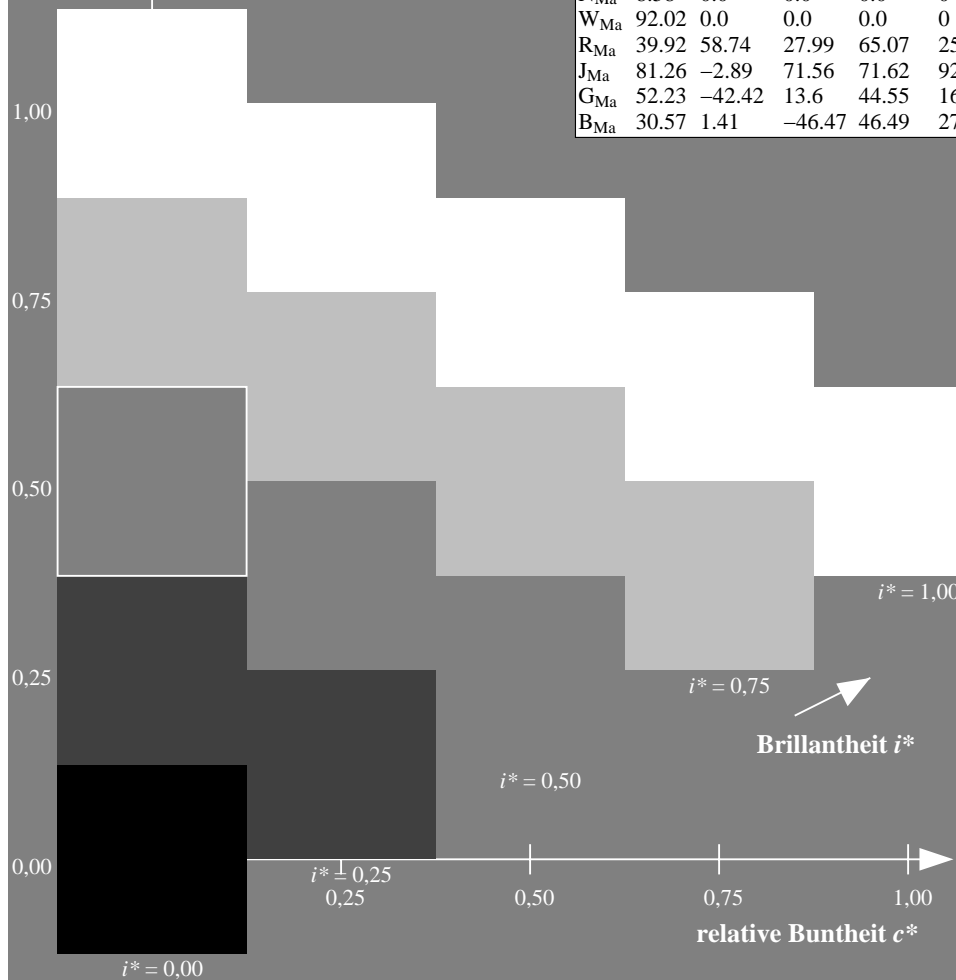
%Regularität

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

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

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	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:

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

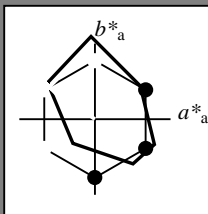
Bunttontexte:

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

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

$u^*_{rel} = 109$

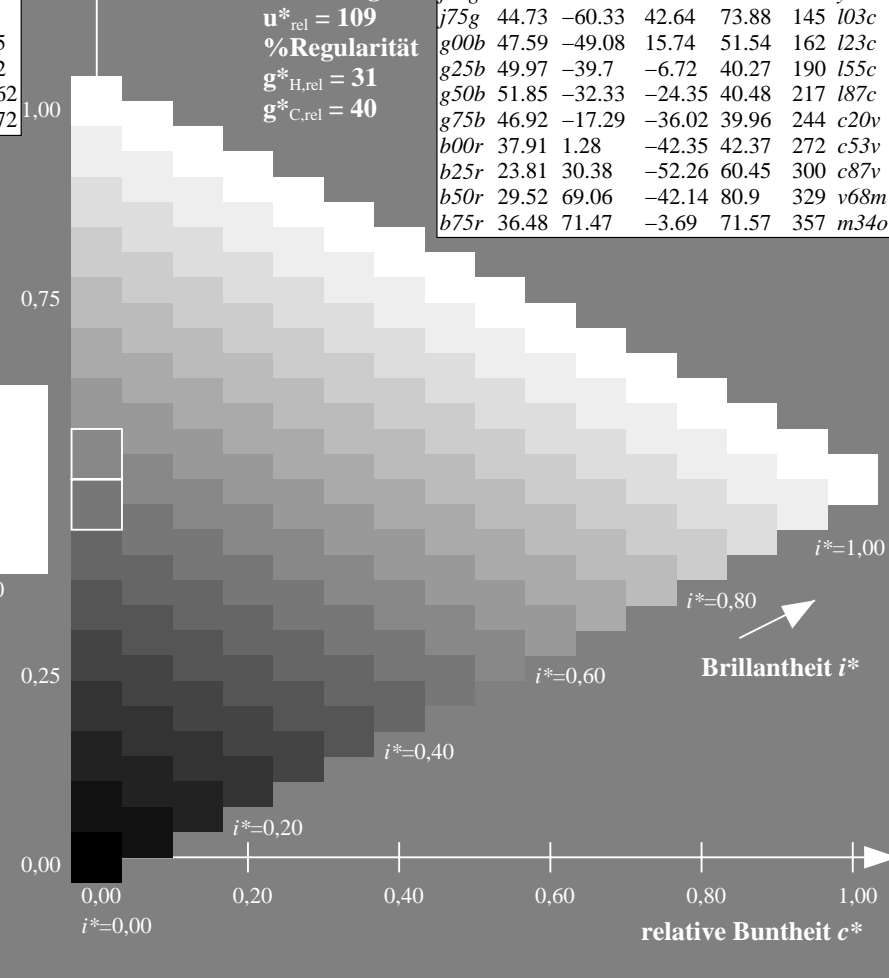
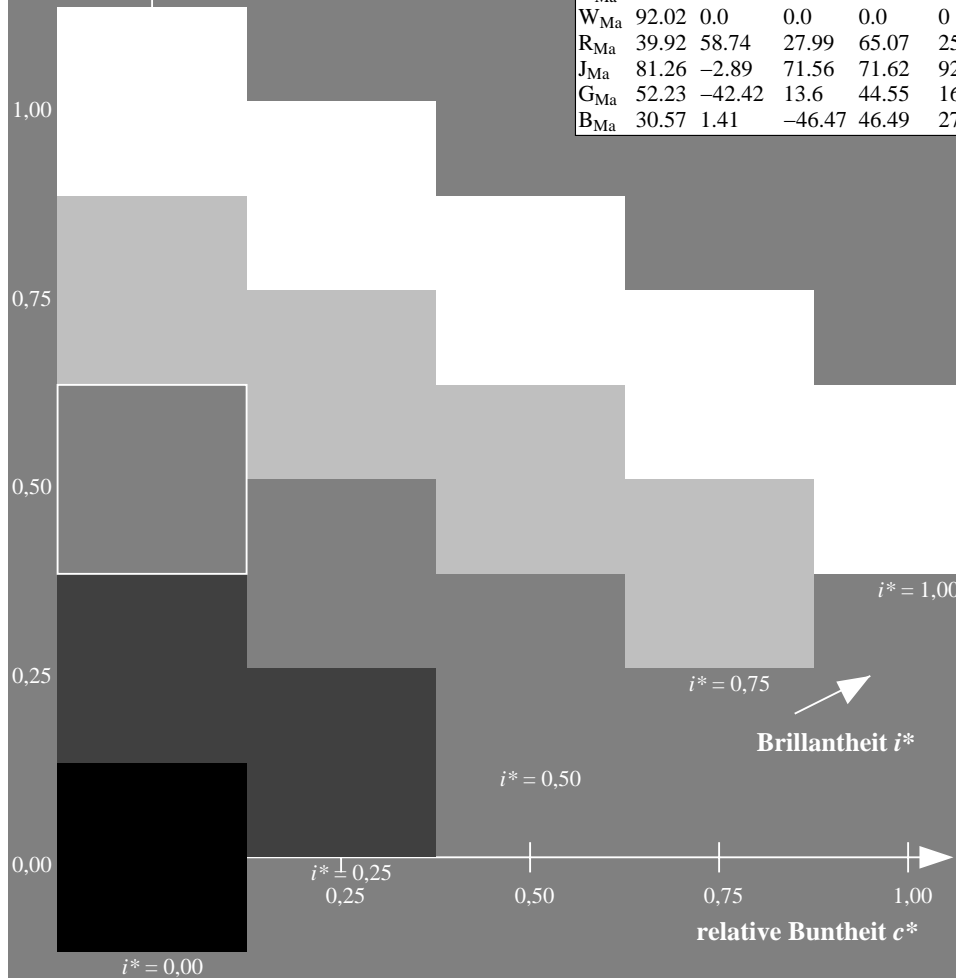
%Regularität

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

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

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



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [www.ps.bam.de/Eg10L10G00NA.PS/.TXT](http://www.ps.bam.de/Eg10L10G00NA.PS/.TXT)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

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  $lab^*icu^*$

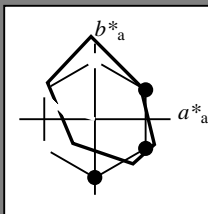
Bunttontexte:

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

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

$u^*_{rel} = 109$

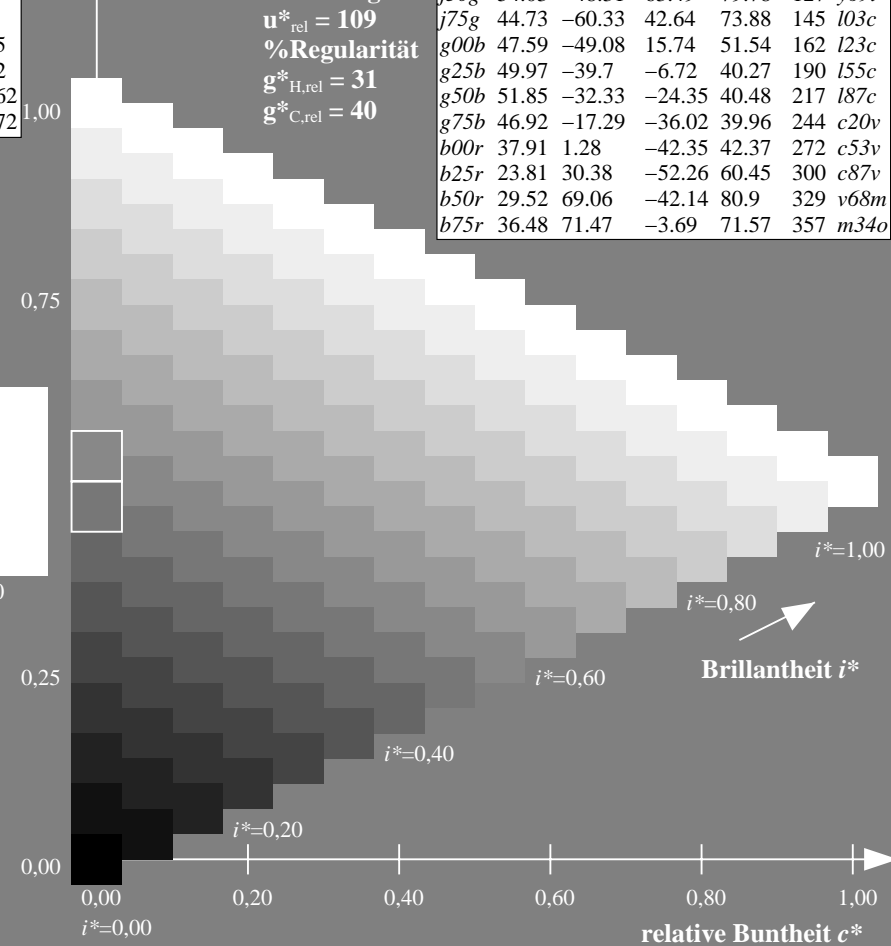
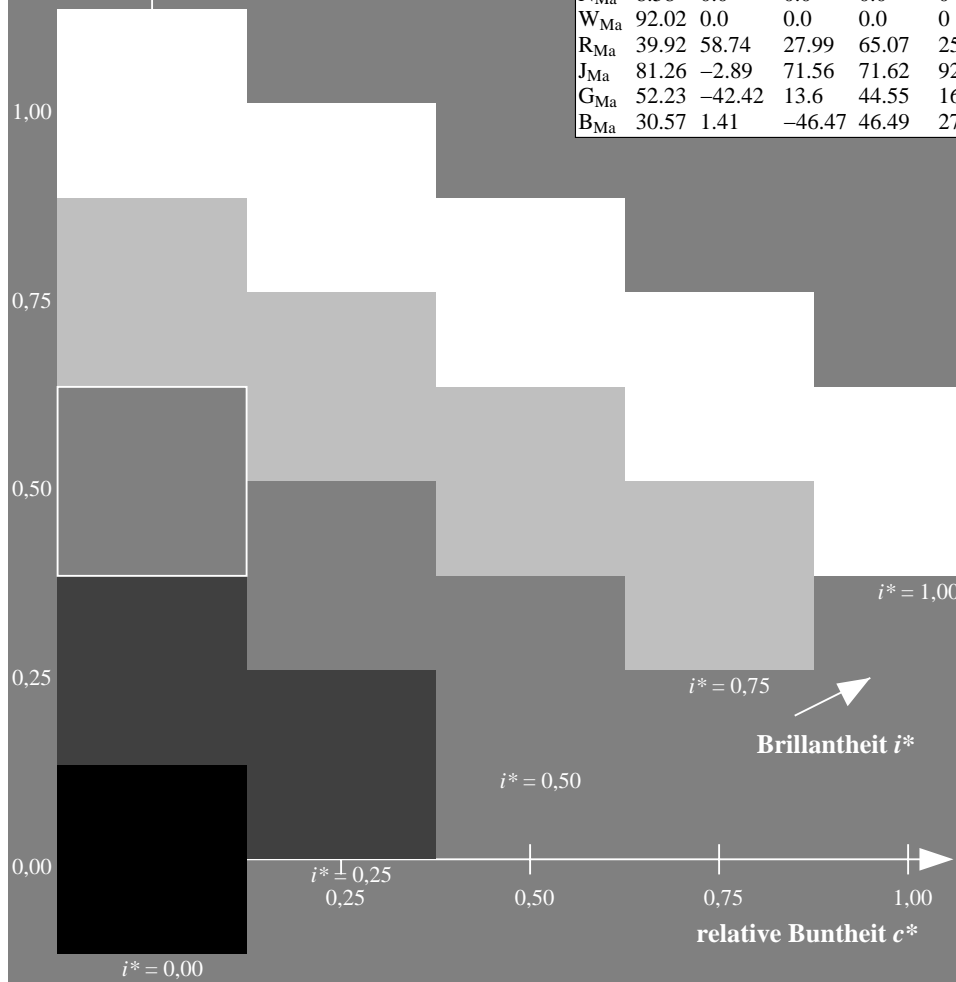
%Regularität

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

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

FRS09\_92a; adaptierte CIELAB-Daten

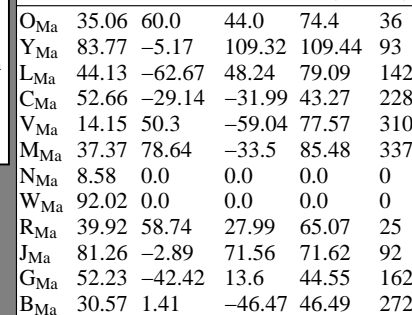
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	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



BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



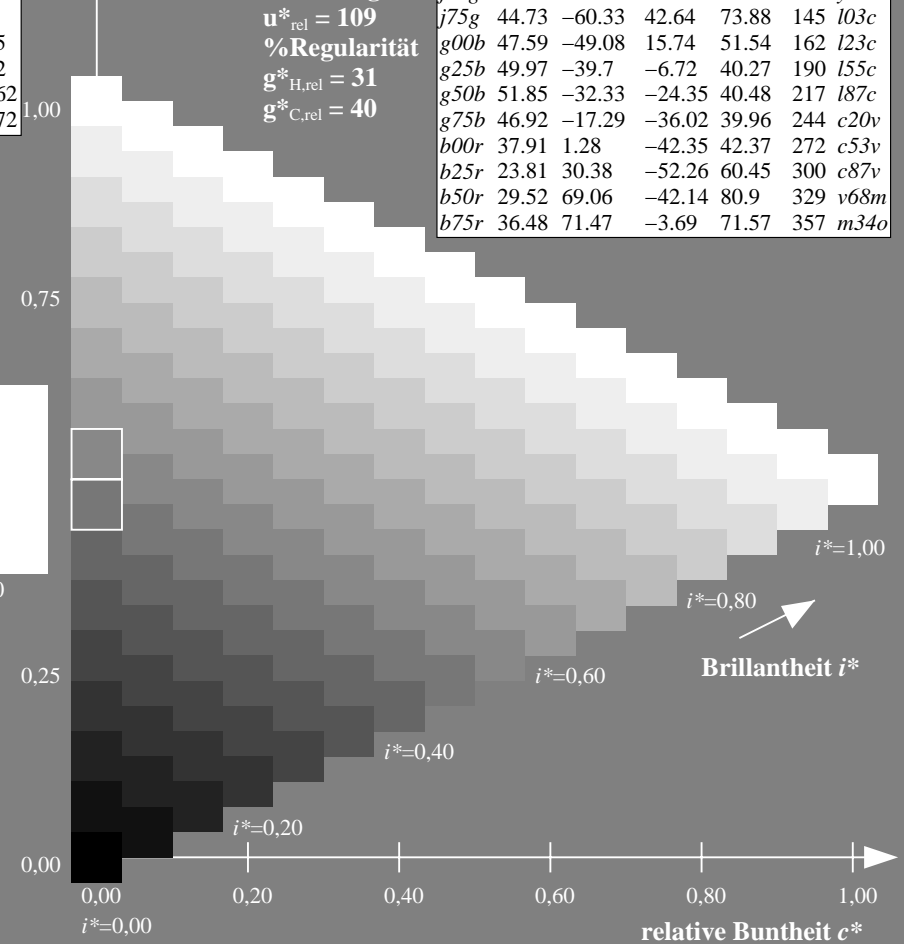
### Dreiecks-Helligkeit $t^*$



### Dreiecks-Helligkeit $t^*$

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

<i>r00j</i>	35.41	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  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

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

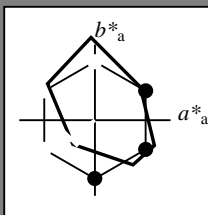
Bunttontexte:

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

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

$u^*_{rel} = 109$

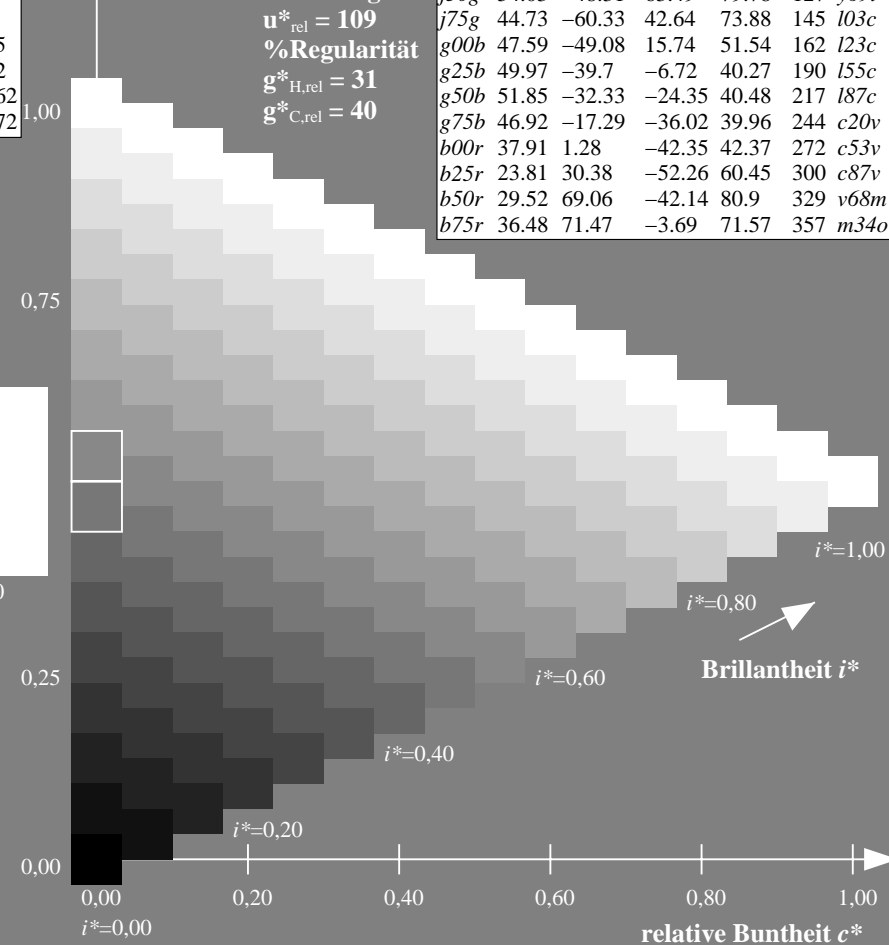
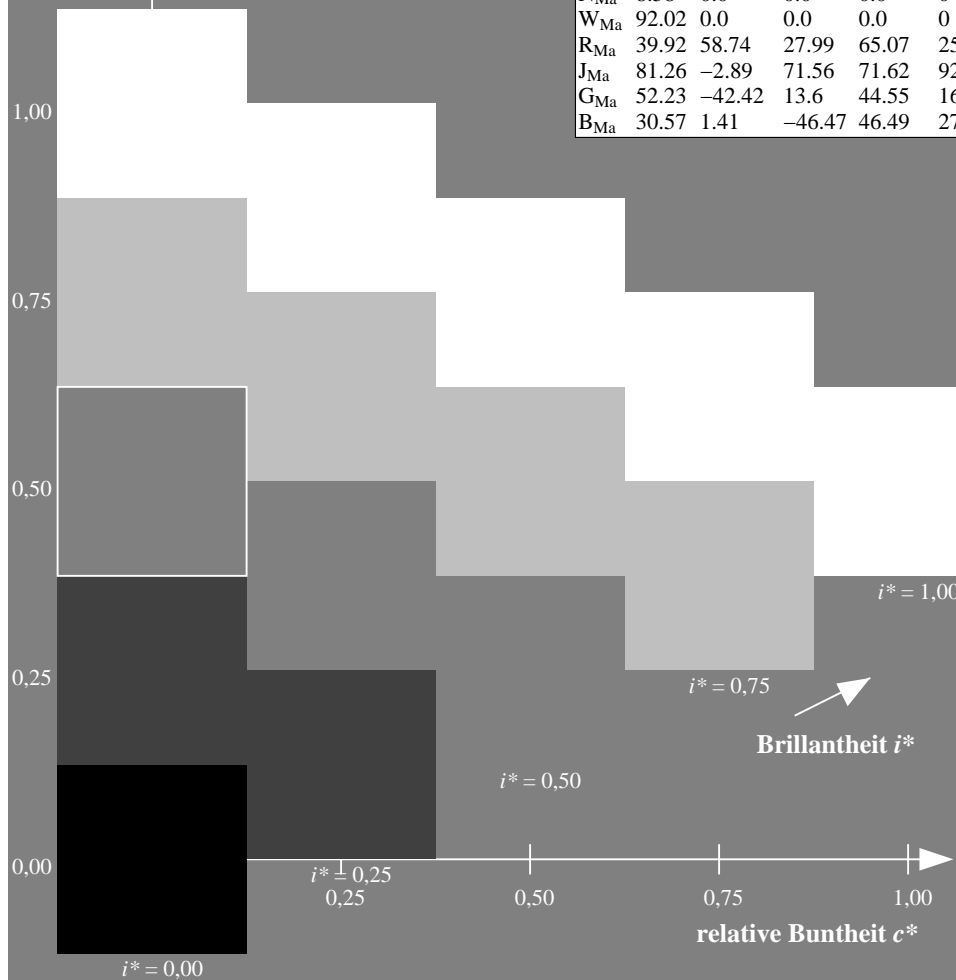
%Regularität

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

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

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:

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

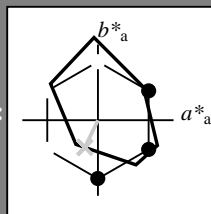
Bunttontexte:

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

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

$u^*_{rel} = 109$

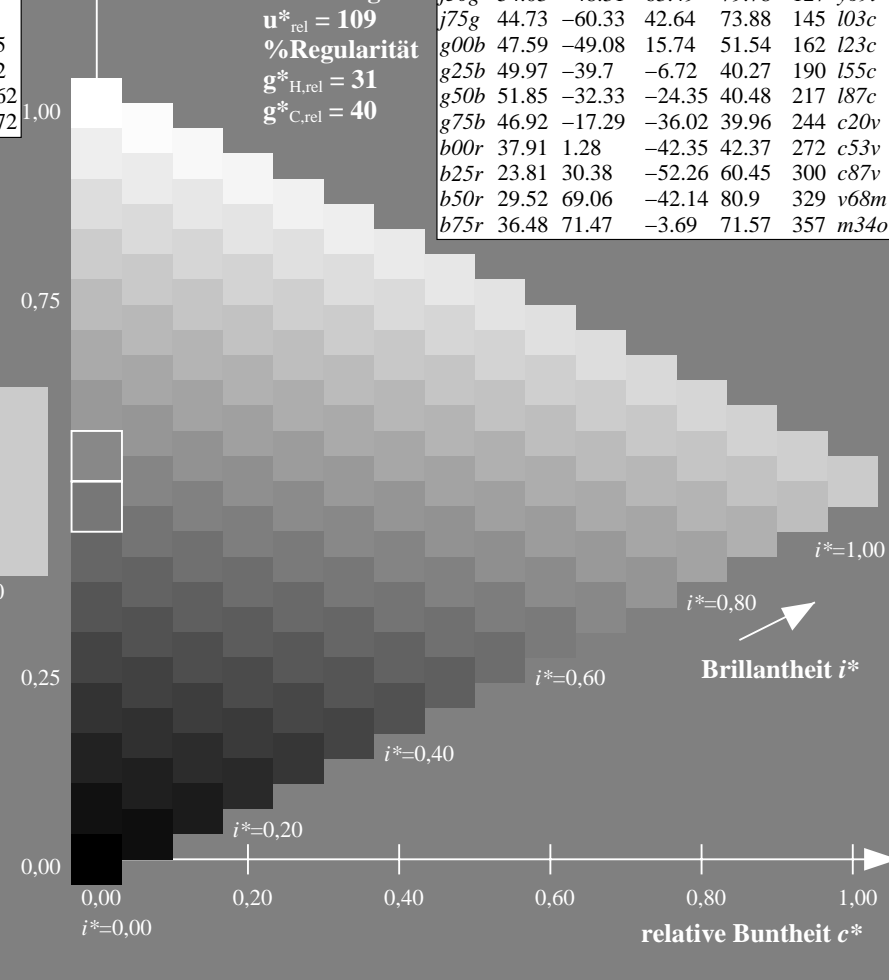
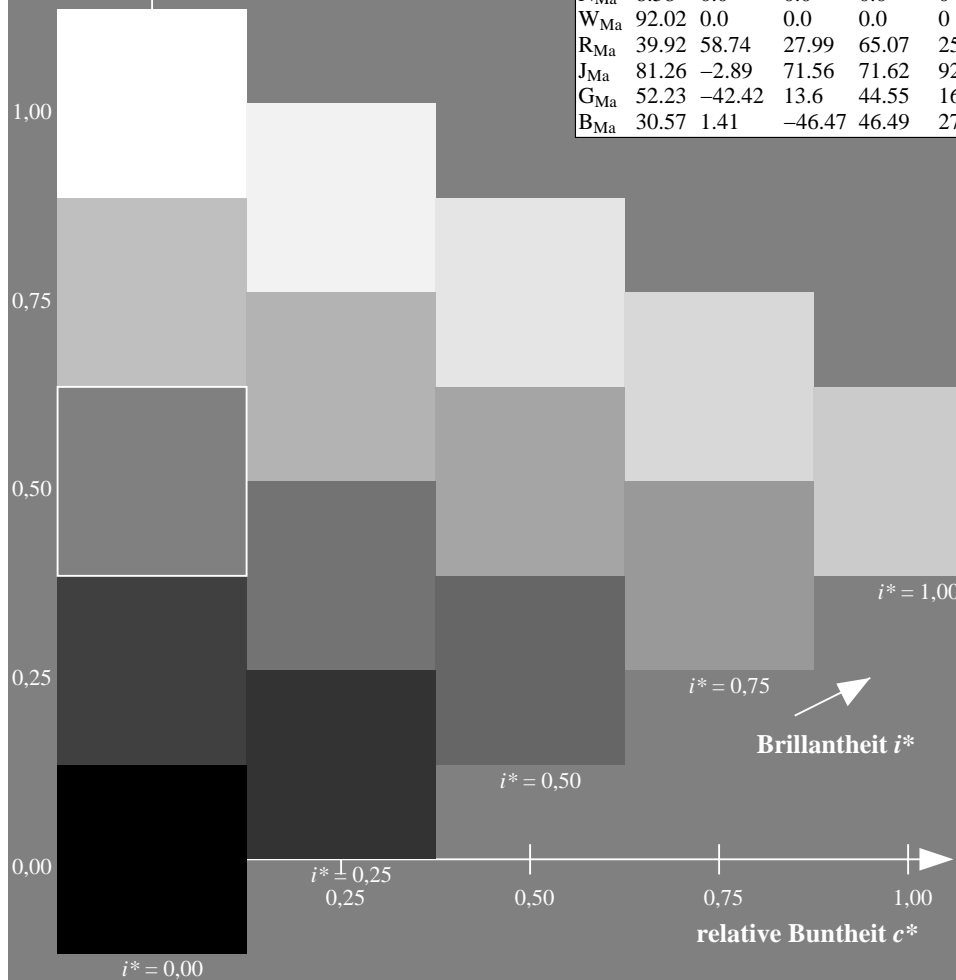
%Regularität

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

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

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	



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [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)  
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)

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  $lab^*icu^*$

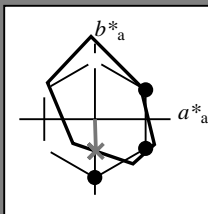
Bunttontexte:

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

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

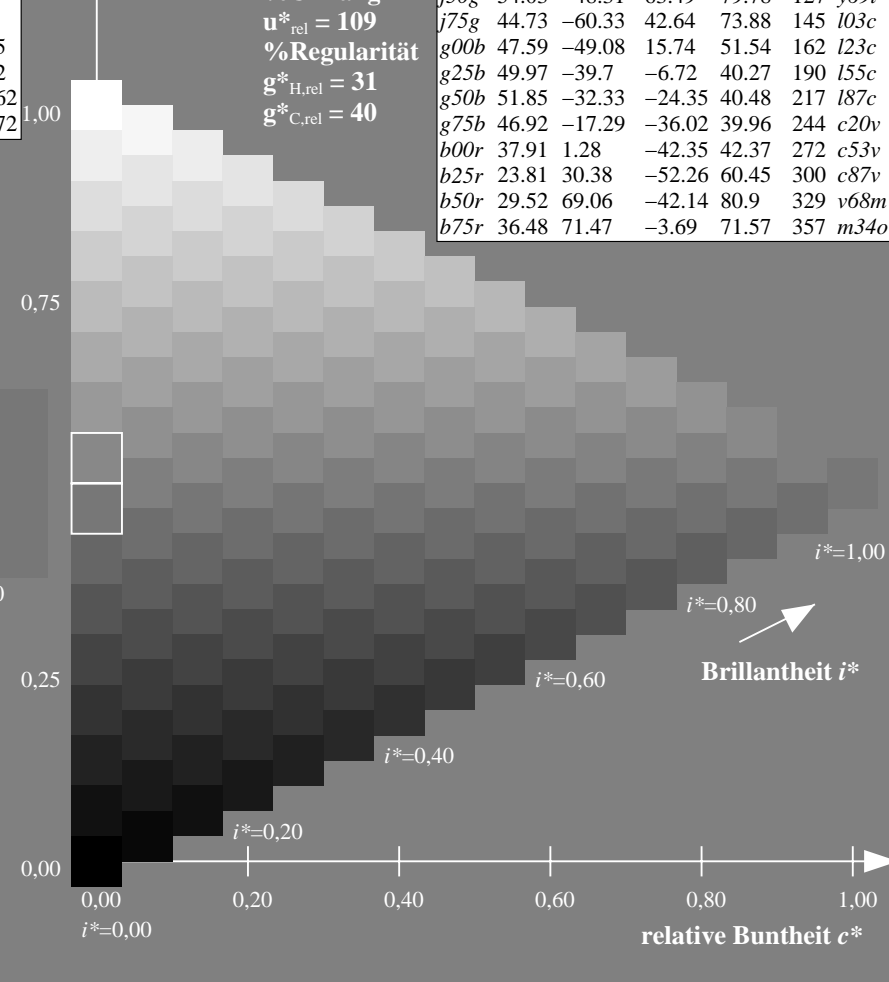
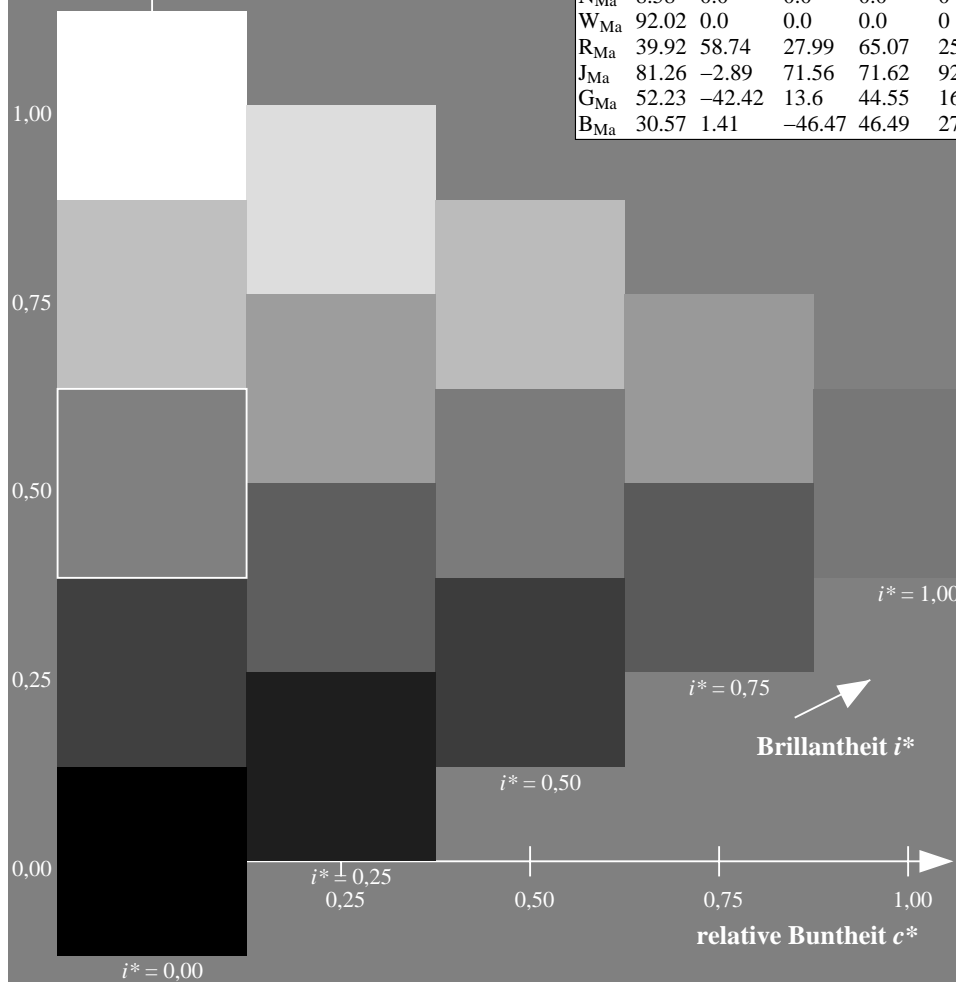
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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



BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

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  $lab^*icu^*$

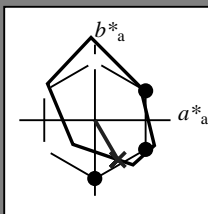
Bunttontexte:

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

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

$u^*_{rel} = 109$

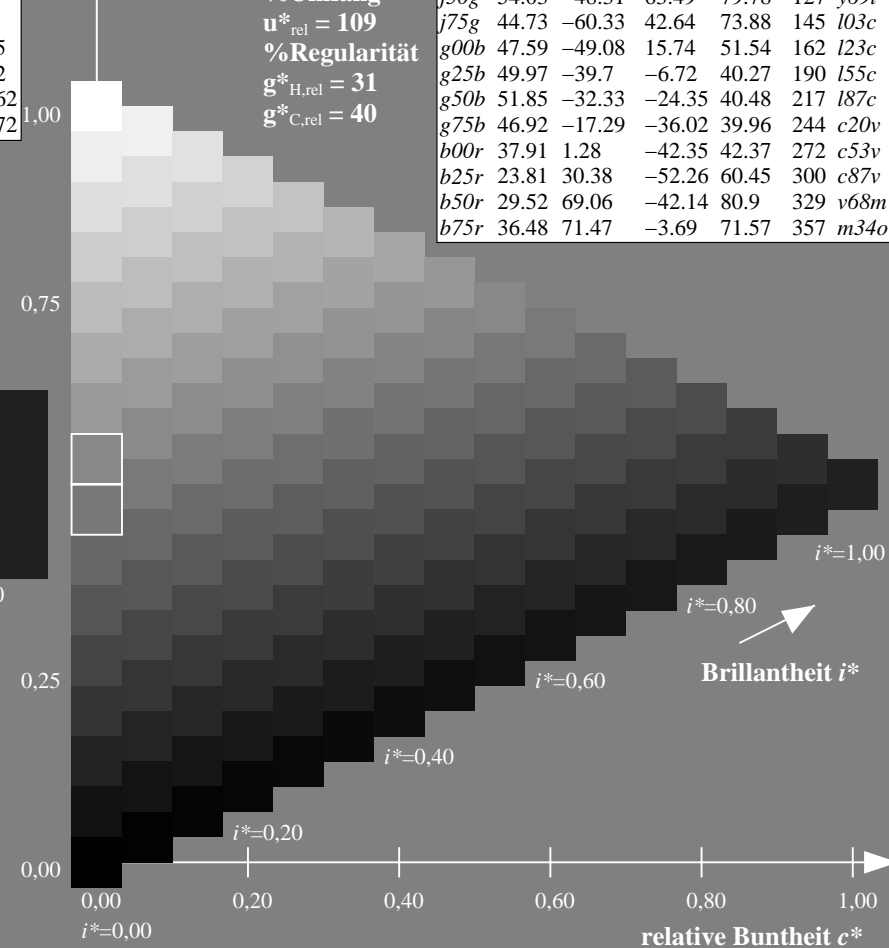
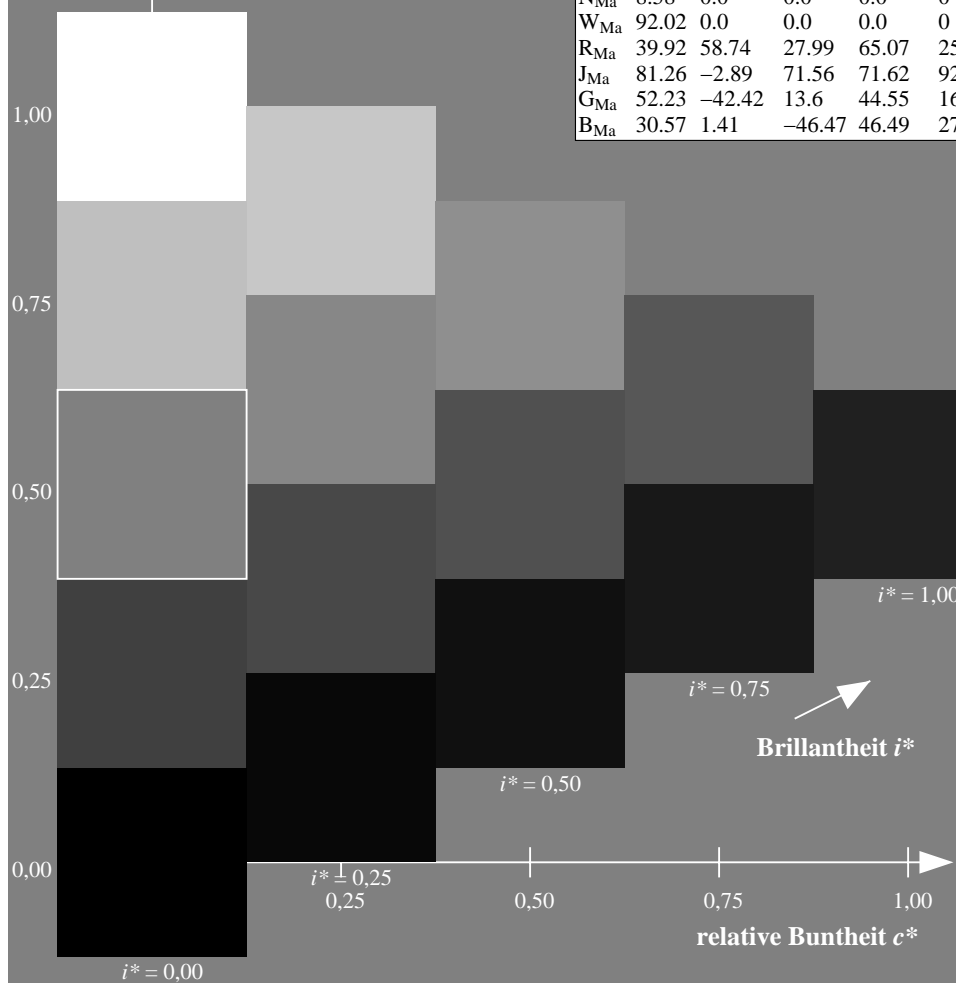
%Regularität

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

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

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	



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  $lab^*icu^*$

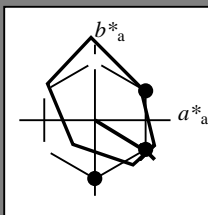
Bunttontexte:

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

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

$u^*_{rel} = 109$

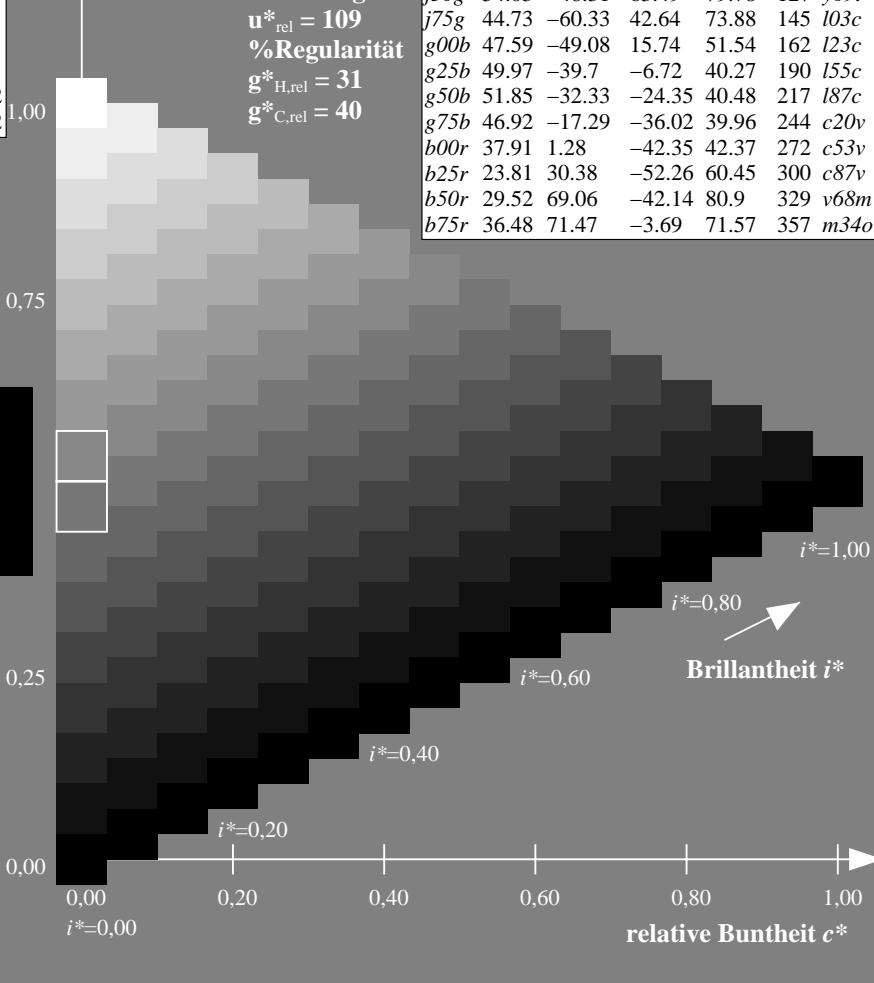
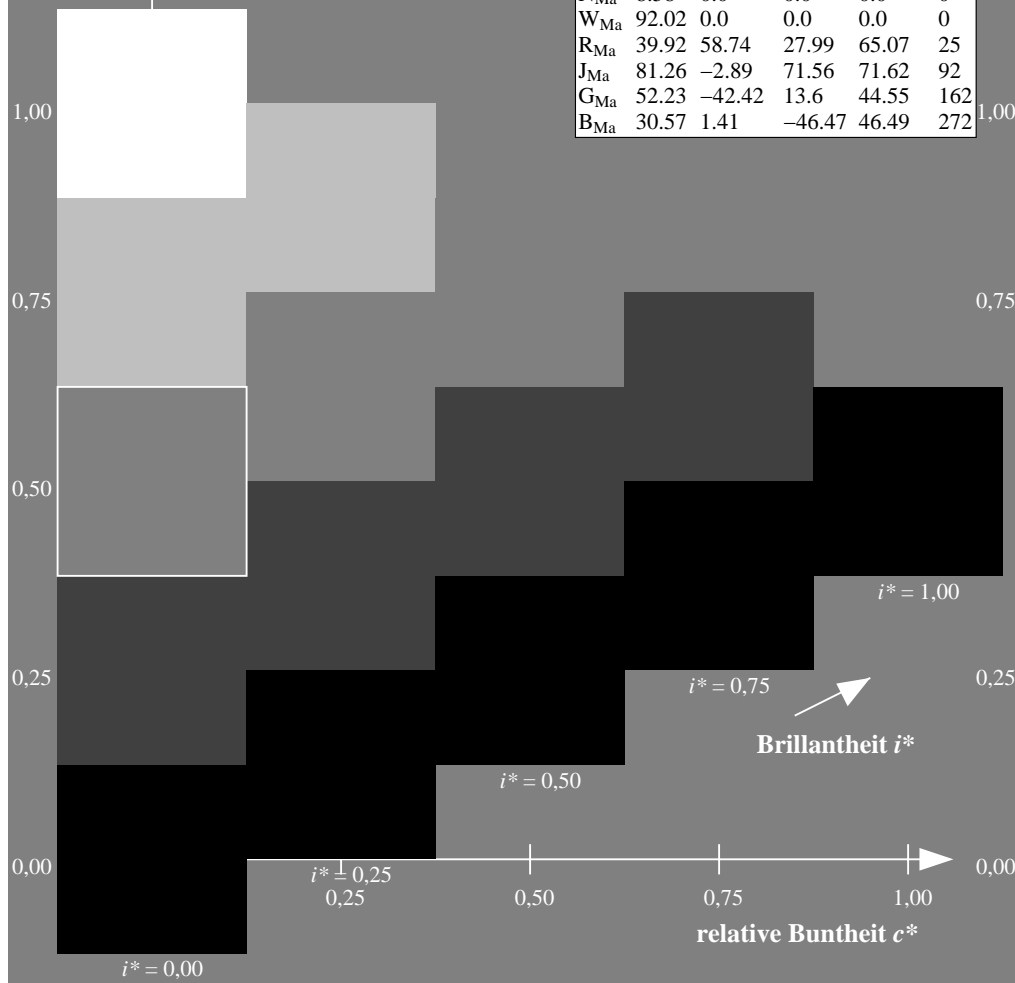
%Regularität

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

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

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: 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  $lab^*icu^*$

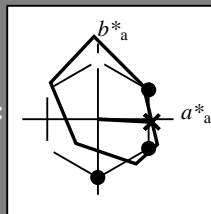
Bunttontexte:

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

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

$u^*_{rel} = 109$

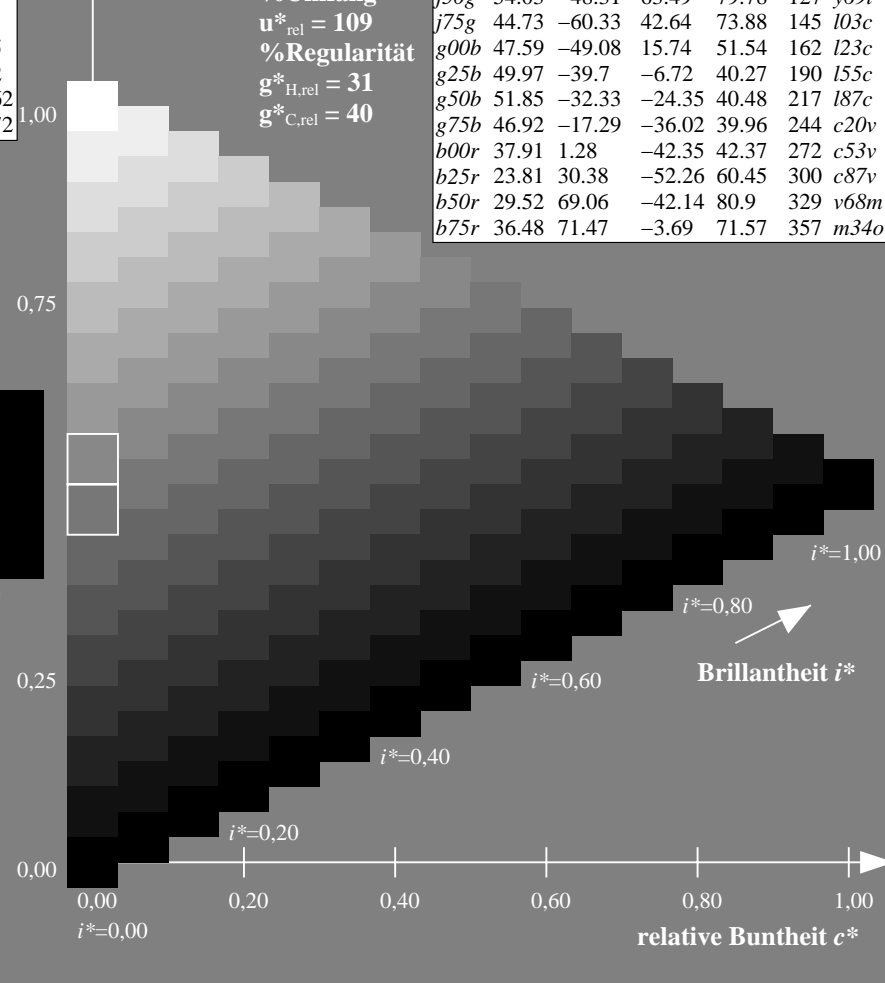
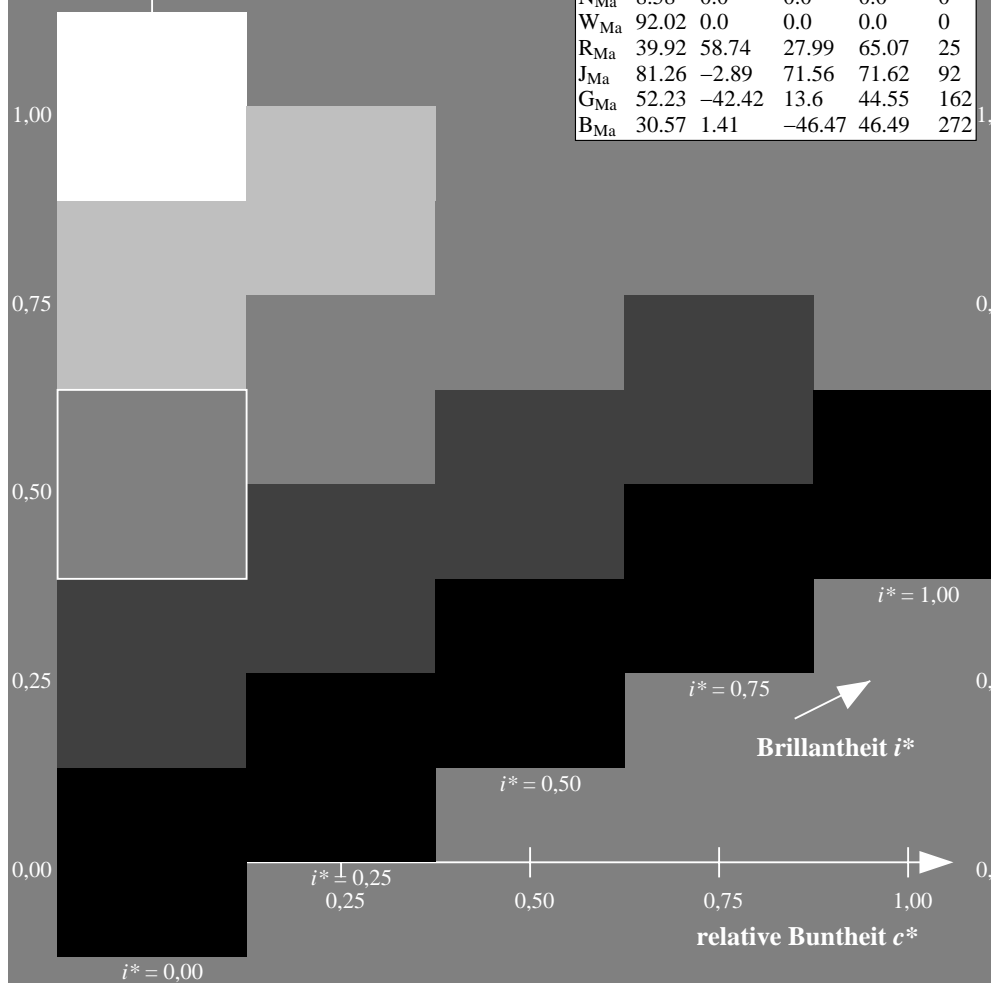
%Regularität

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

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

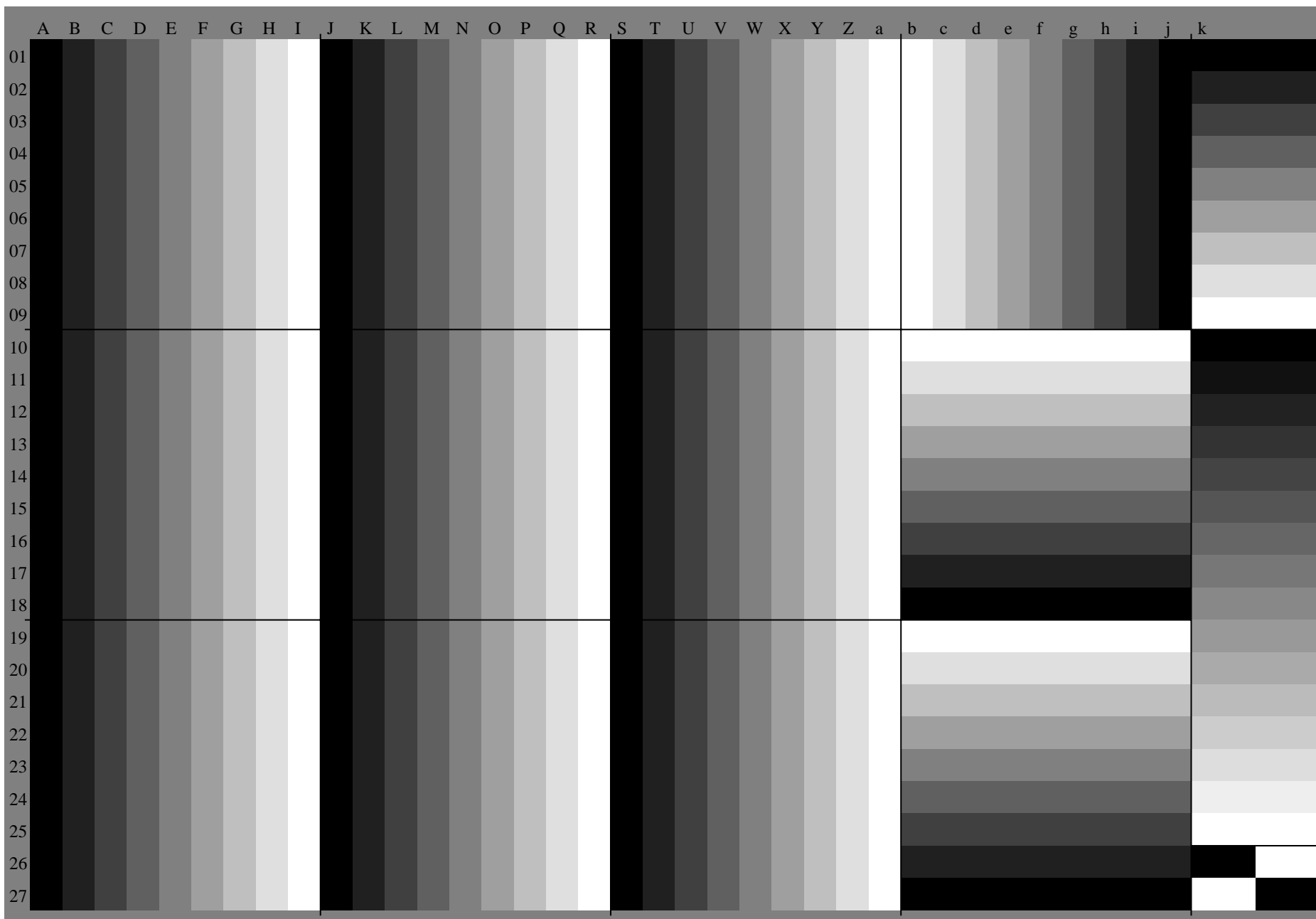
FRS09\_92a; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
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	



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [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-Eg10/10L/L10G00NA.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:

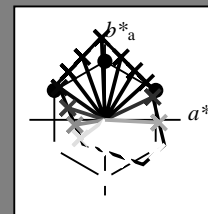
$u^*_e$  = 16 Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

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

$u^*_{rel} = 109$

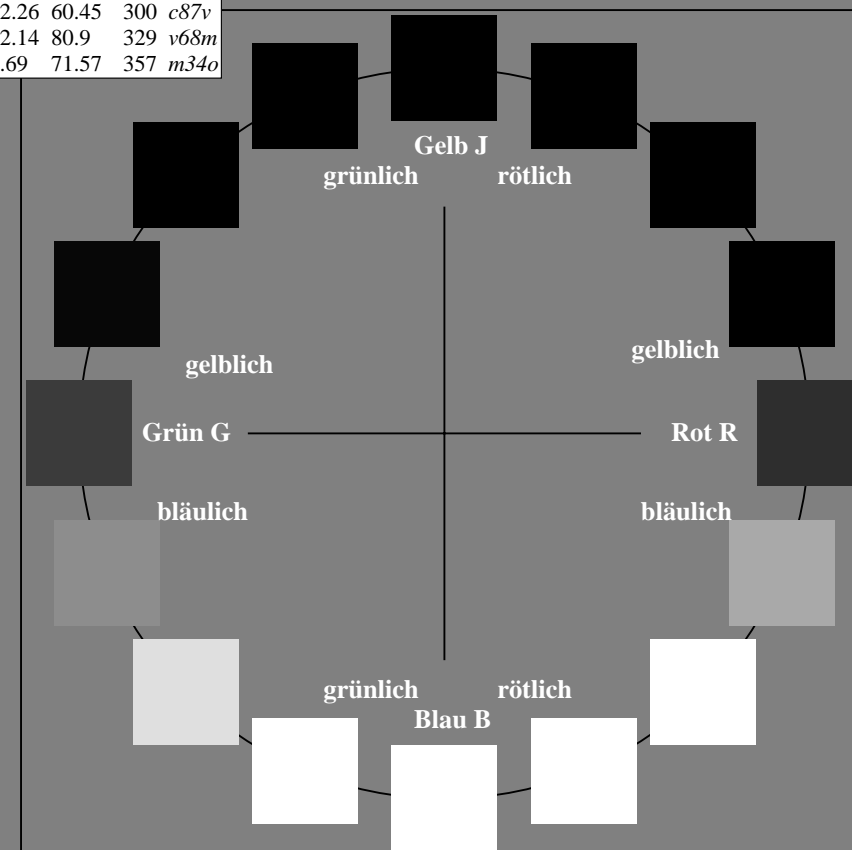
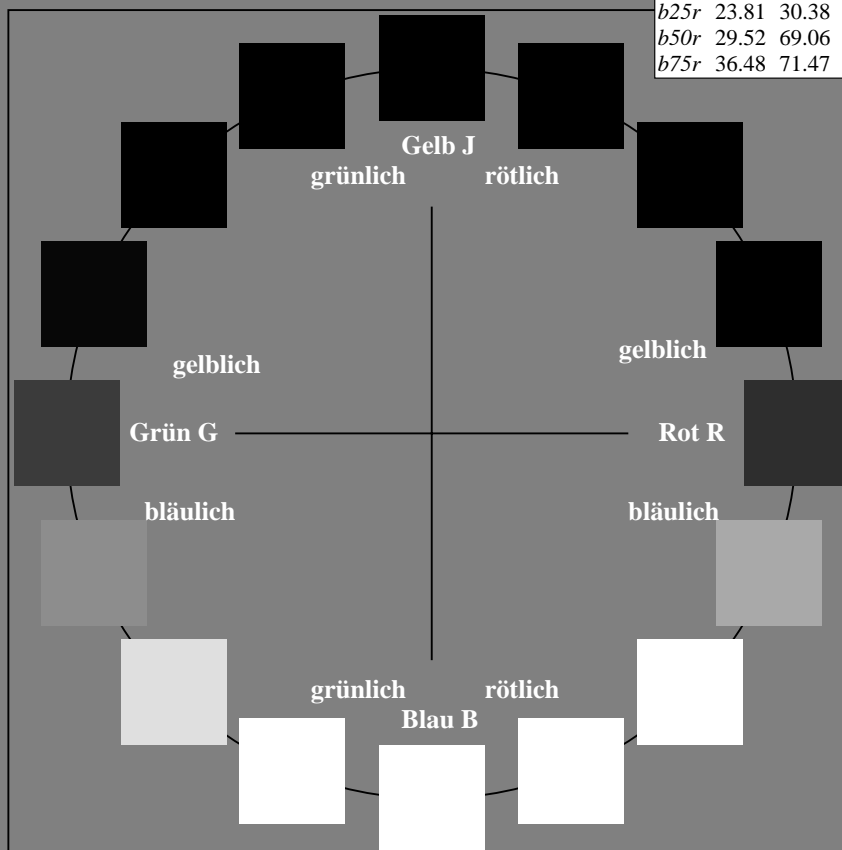
%Regularität

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

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

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	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  $lab^*icu^*$

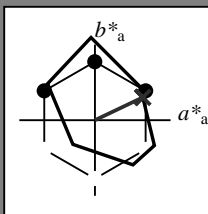
Bunttontexte:

$u_e^* = r00j$   $u_d^* = m81o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; 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

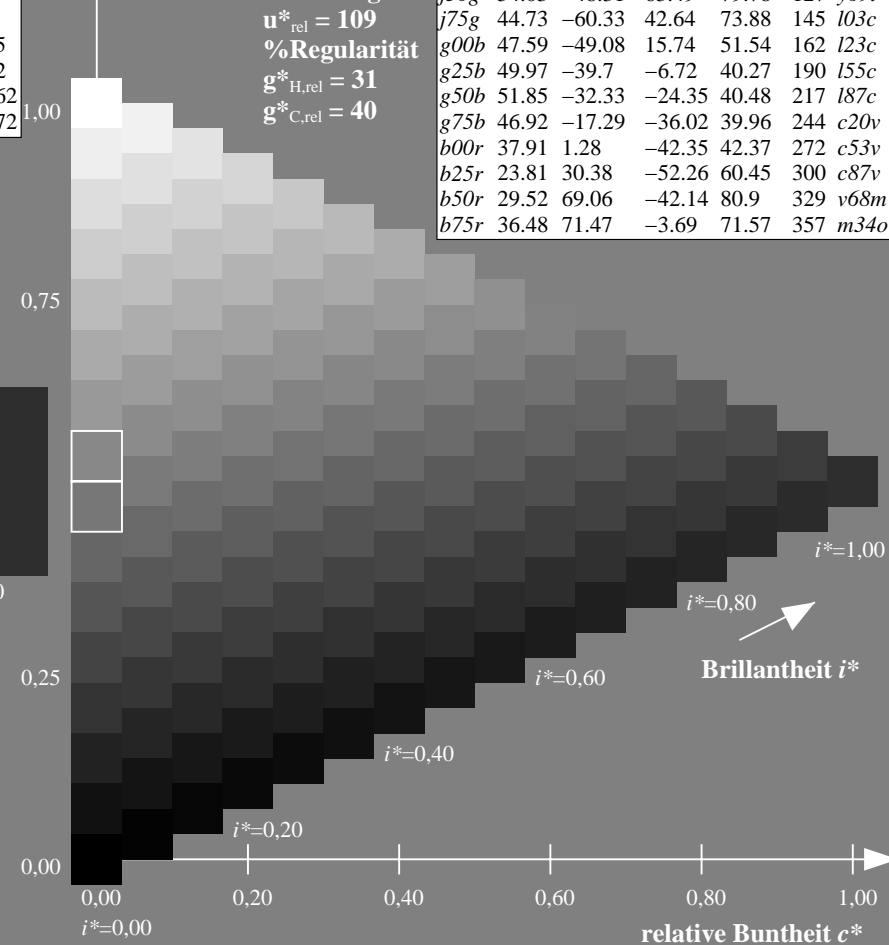
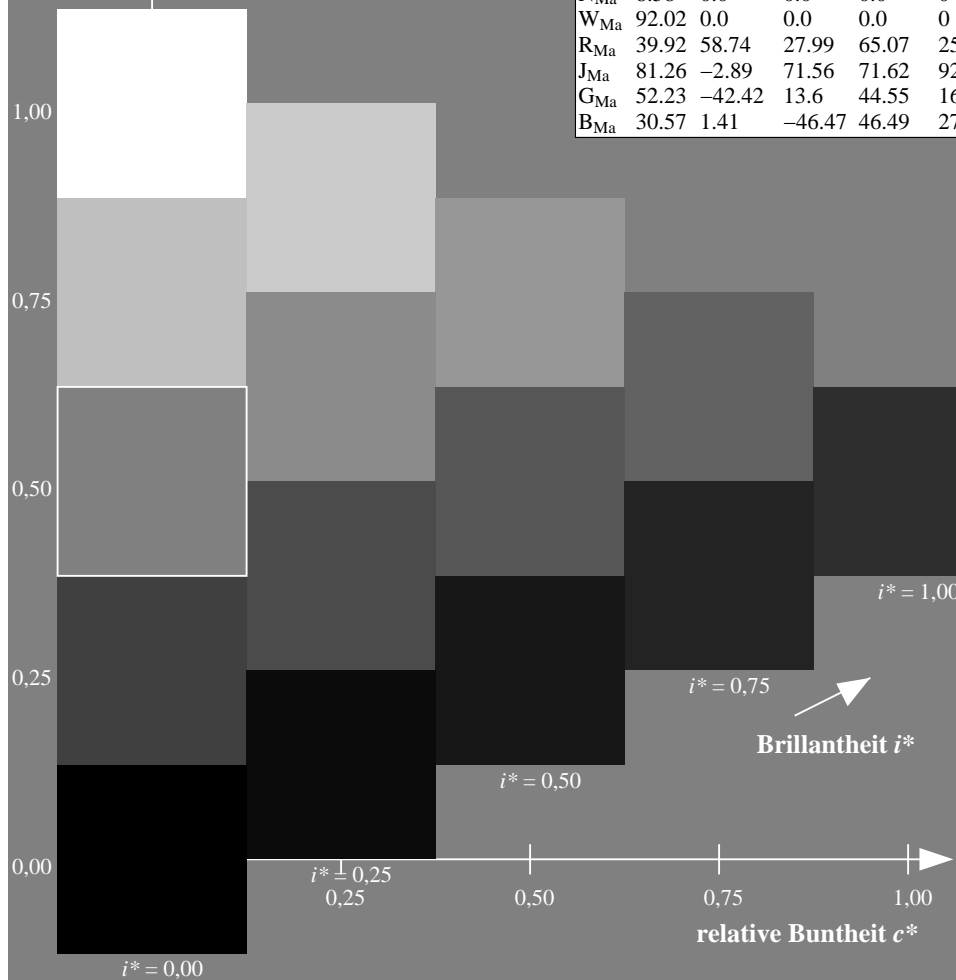
$u^*_{rel} = 109$

%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  $lab^*icu^*$

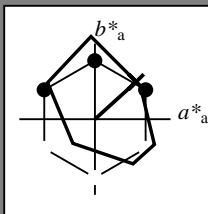
Bunttontexte:

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

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

$u^*_{rel} = 109$

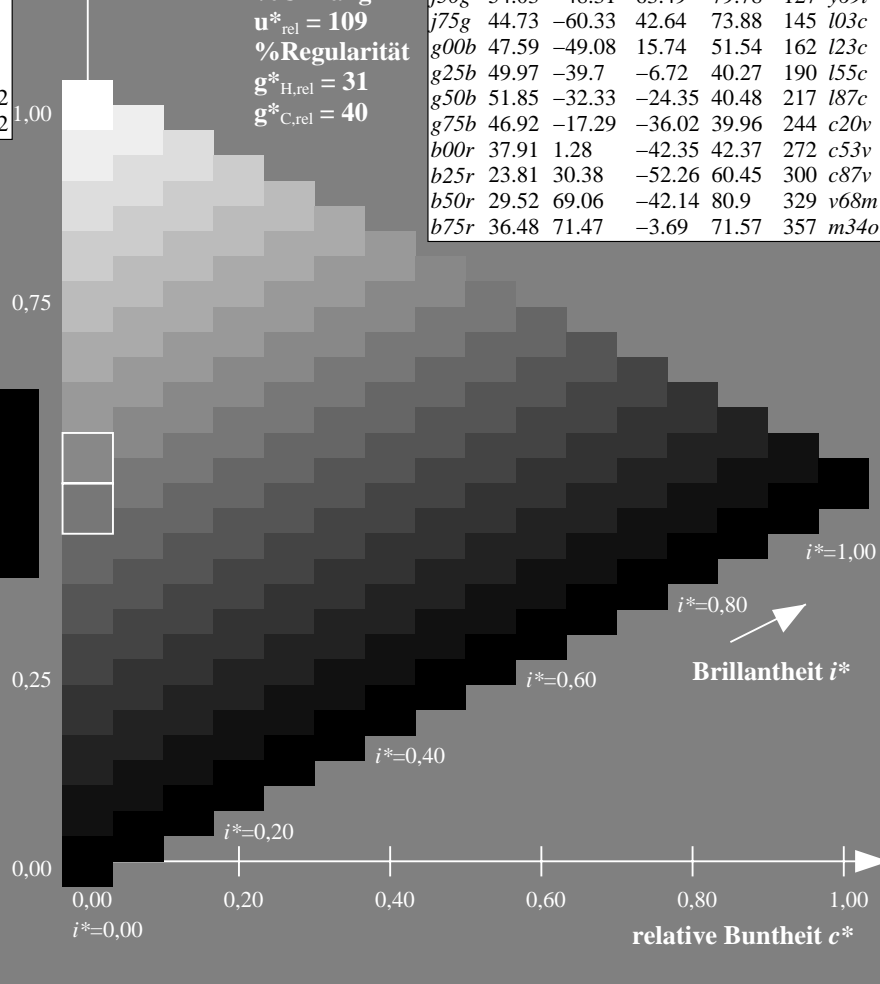
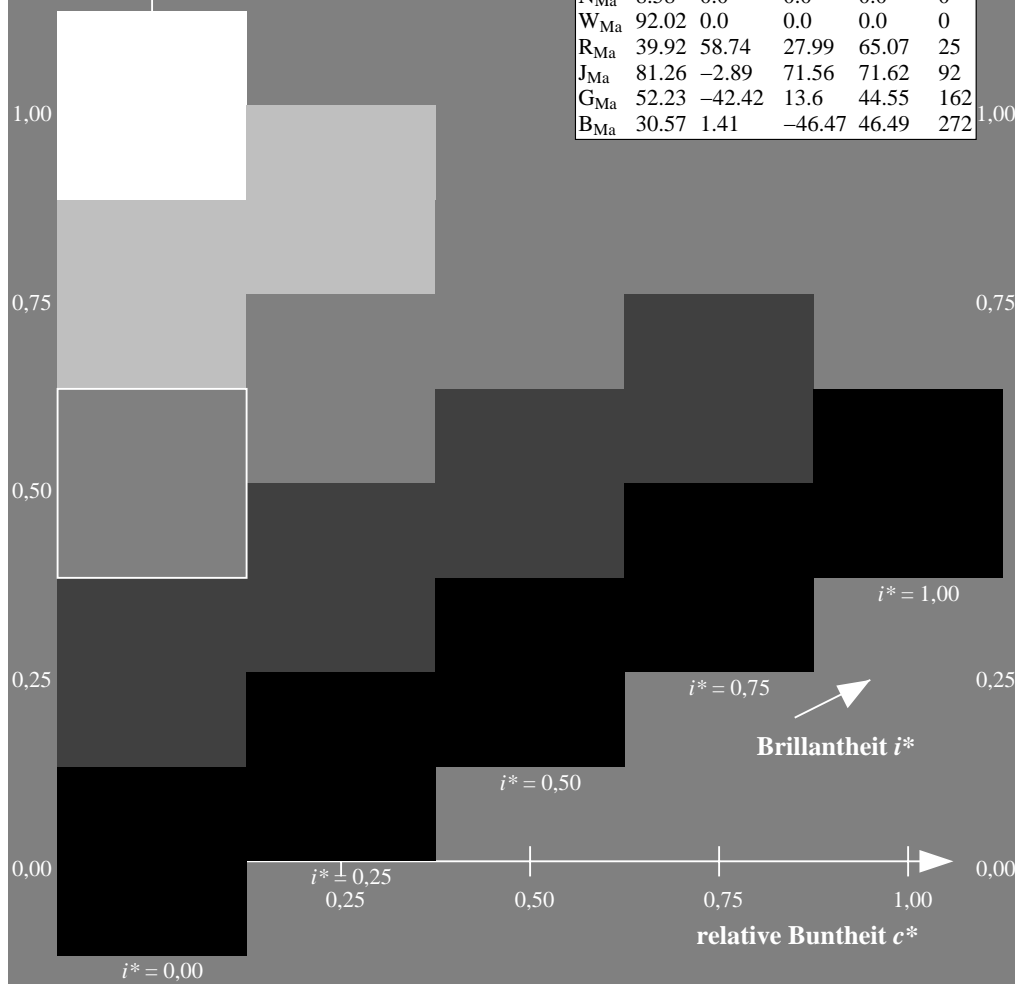
%Regularität

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

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

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:

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

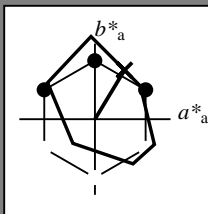
Bunttontexte:

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

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

$u^*_{rel} = 109$

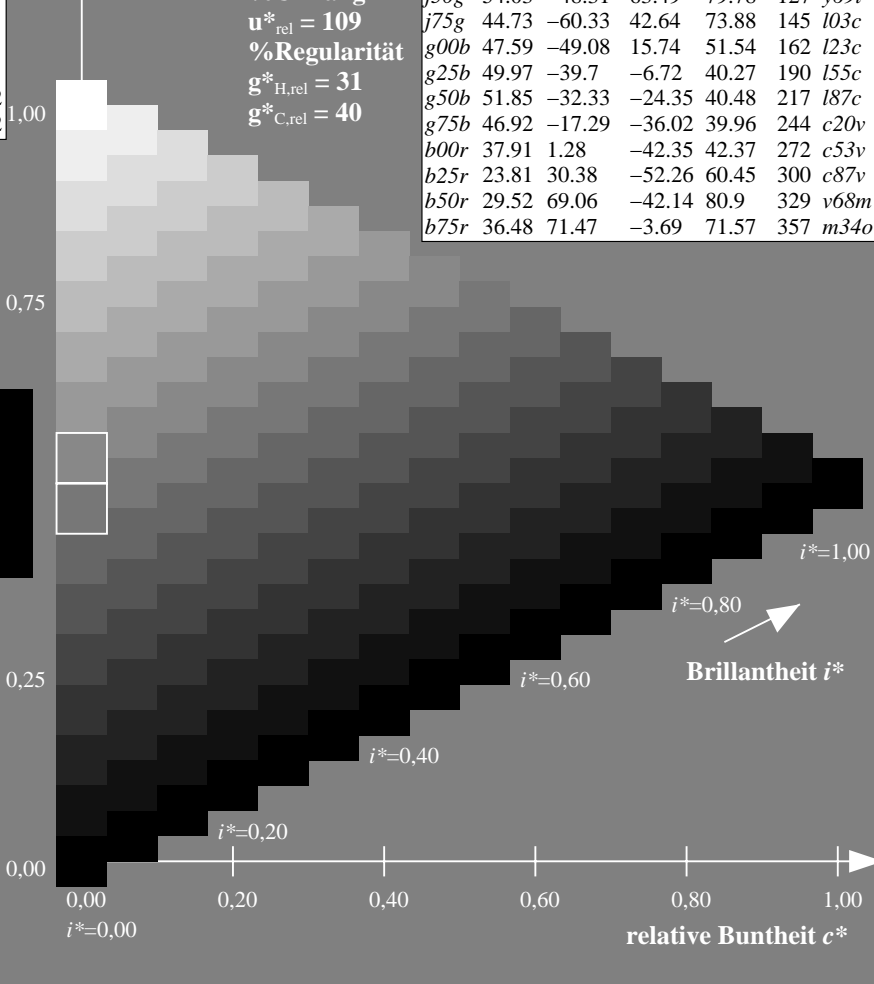
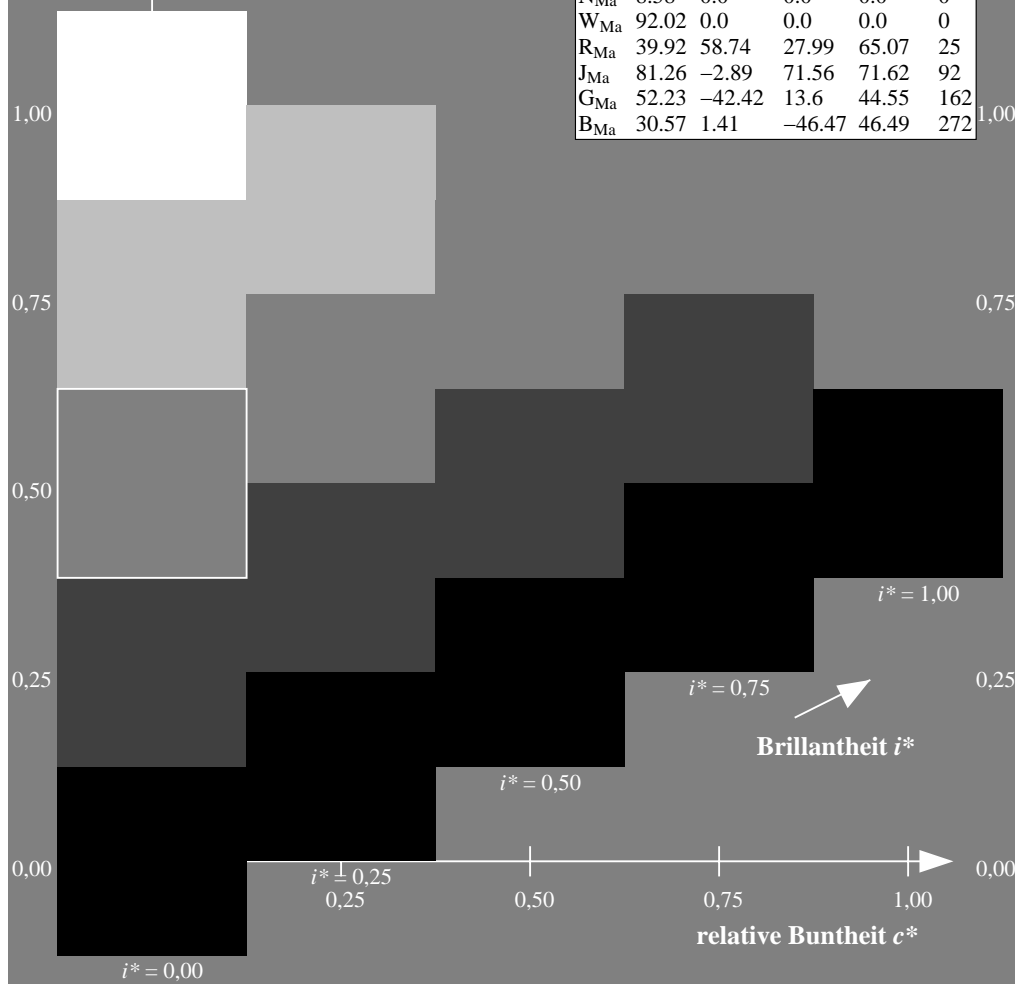
%Regularität

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

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

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  $lab^*icu^*$

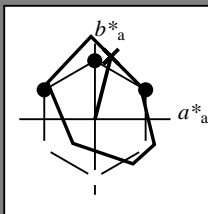
Bunttontexte:

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

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

$u^*_{rel} = 109$

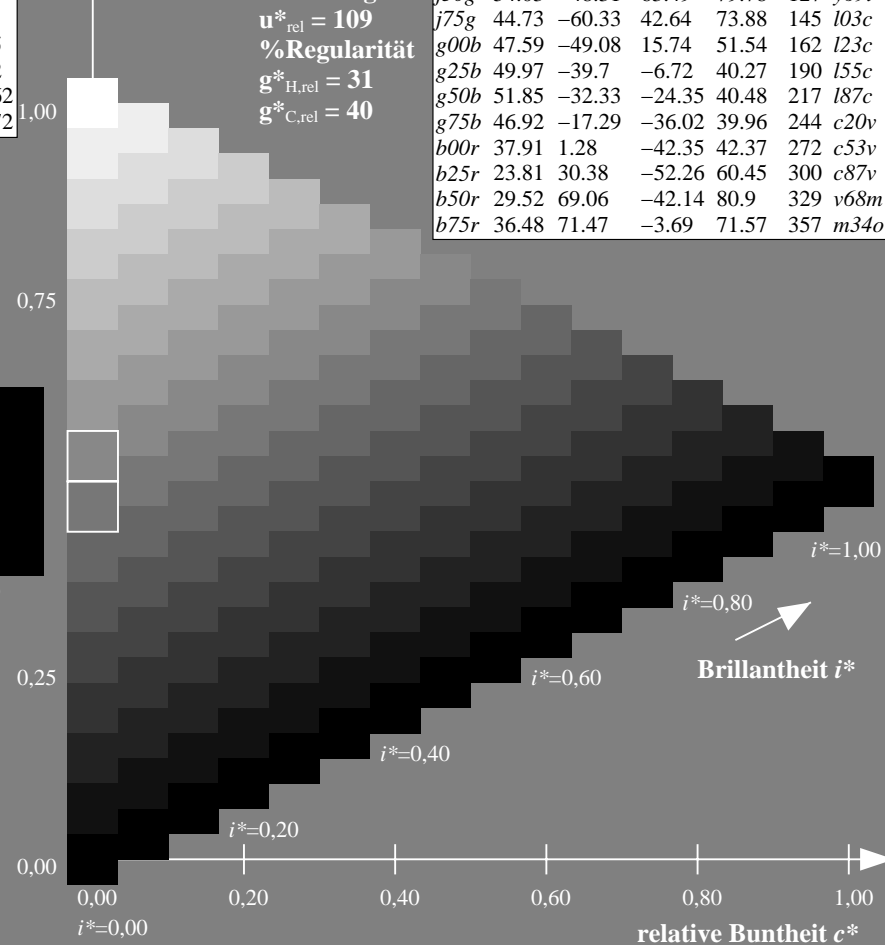
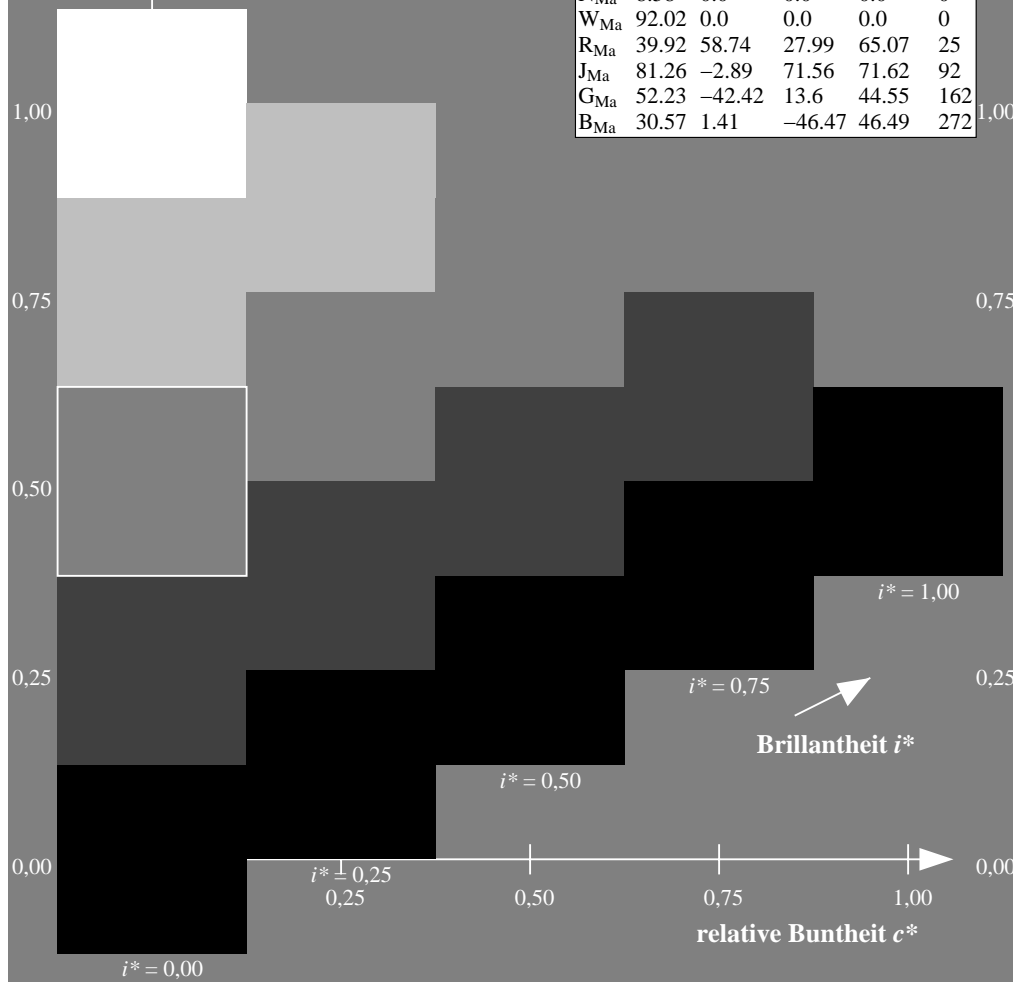
%Regularität

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

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

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:

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

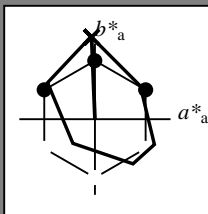
Bunttontexte:

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

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

$u^*_{rel} = 109$

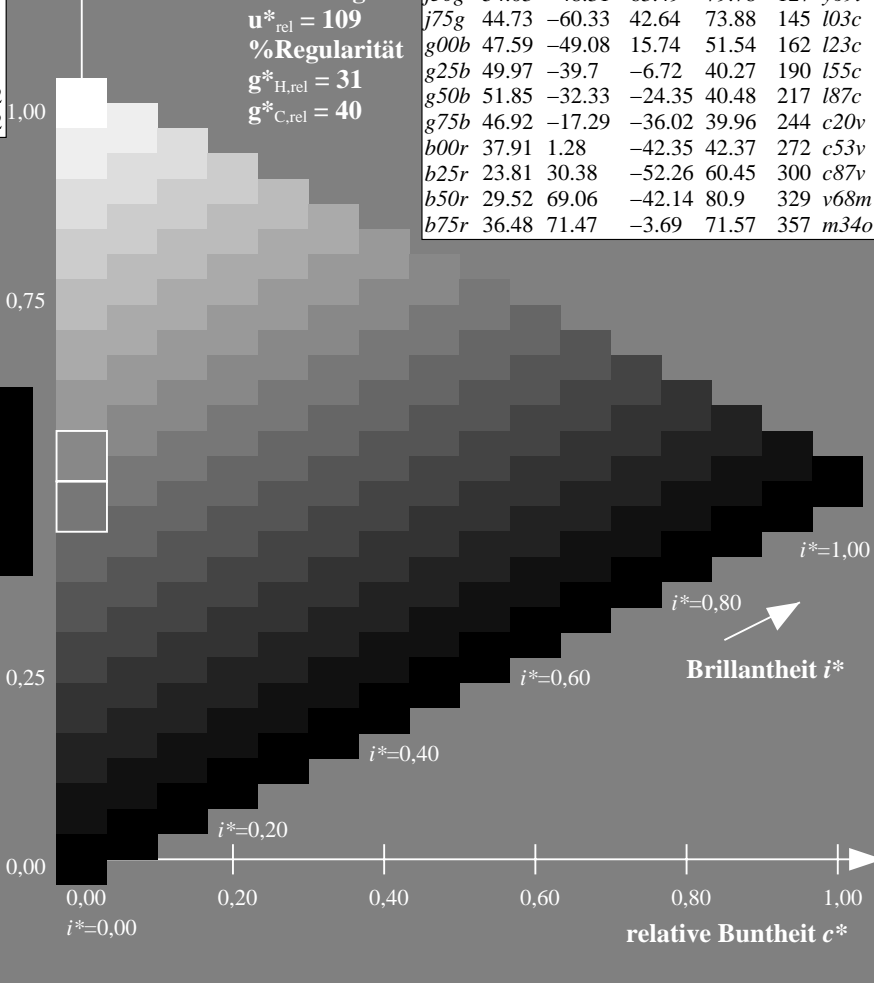
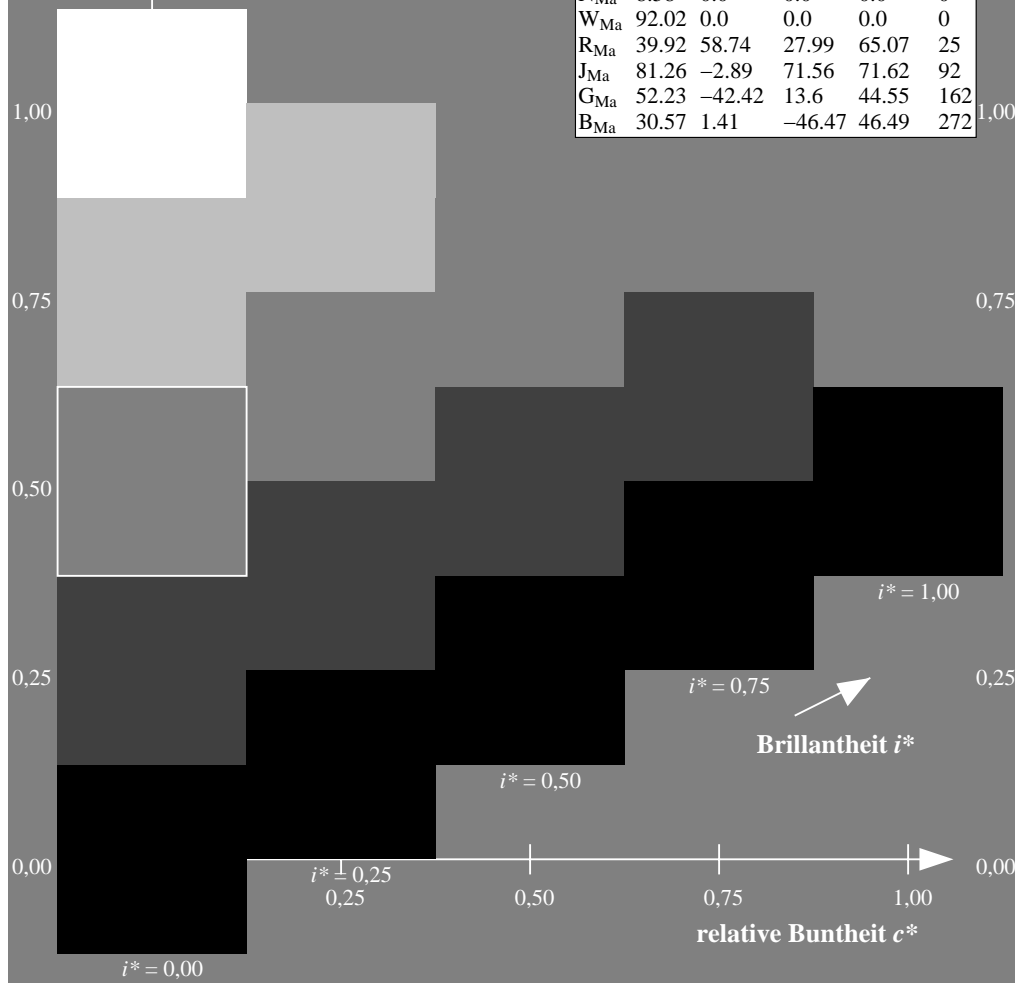
%Regularität

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

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

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:

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

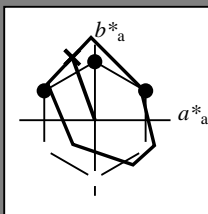
Bunttontexte:

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

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

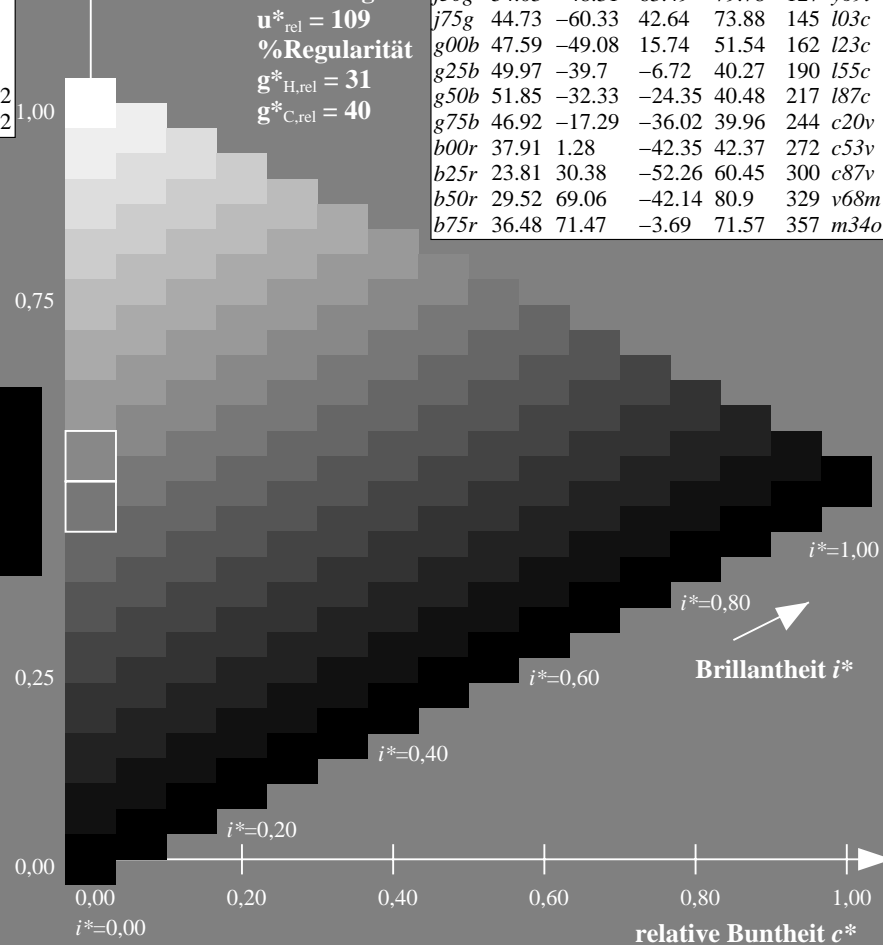
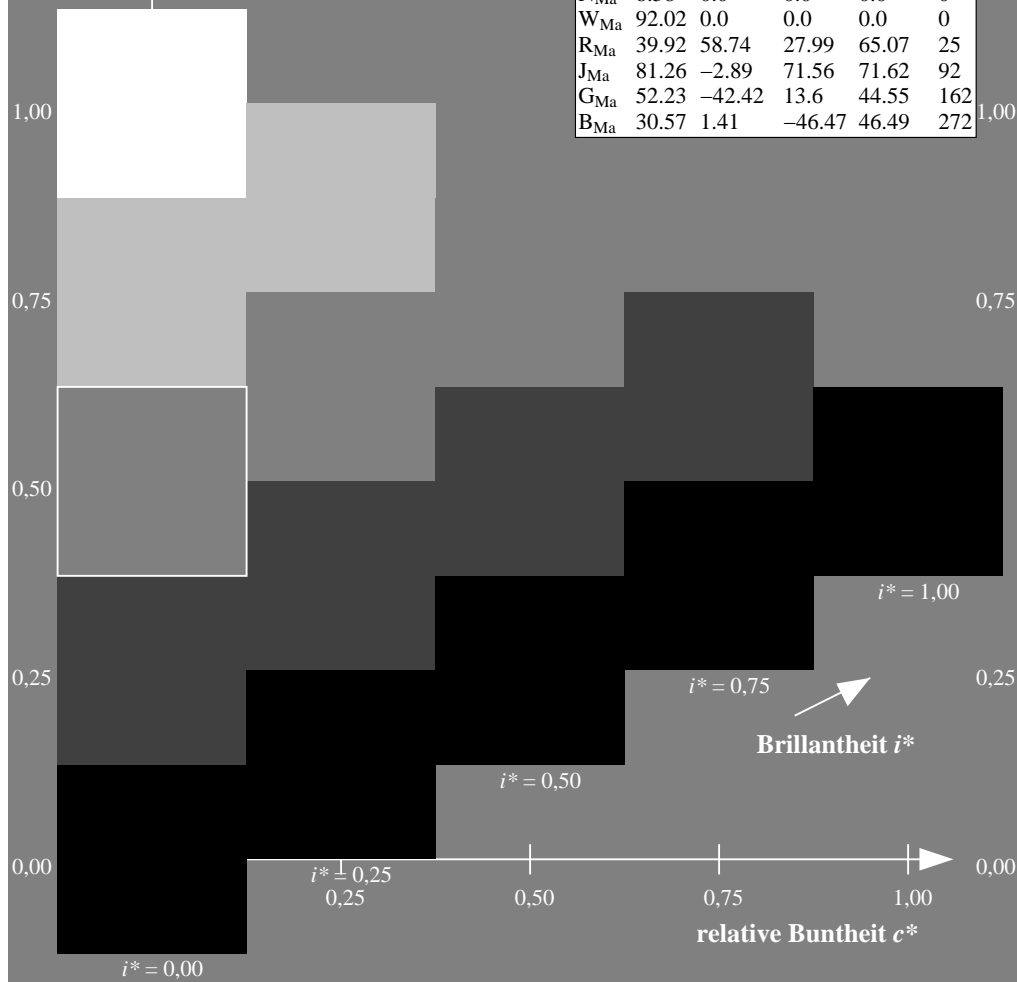
$u^*_{rel} = 109$

%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  $lab^*icu^*$

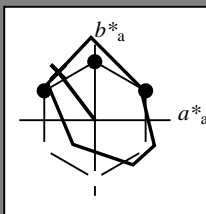
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



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

$u^*_{rel} = 109$

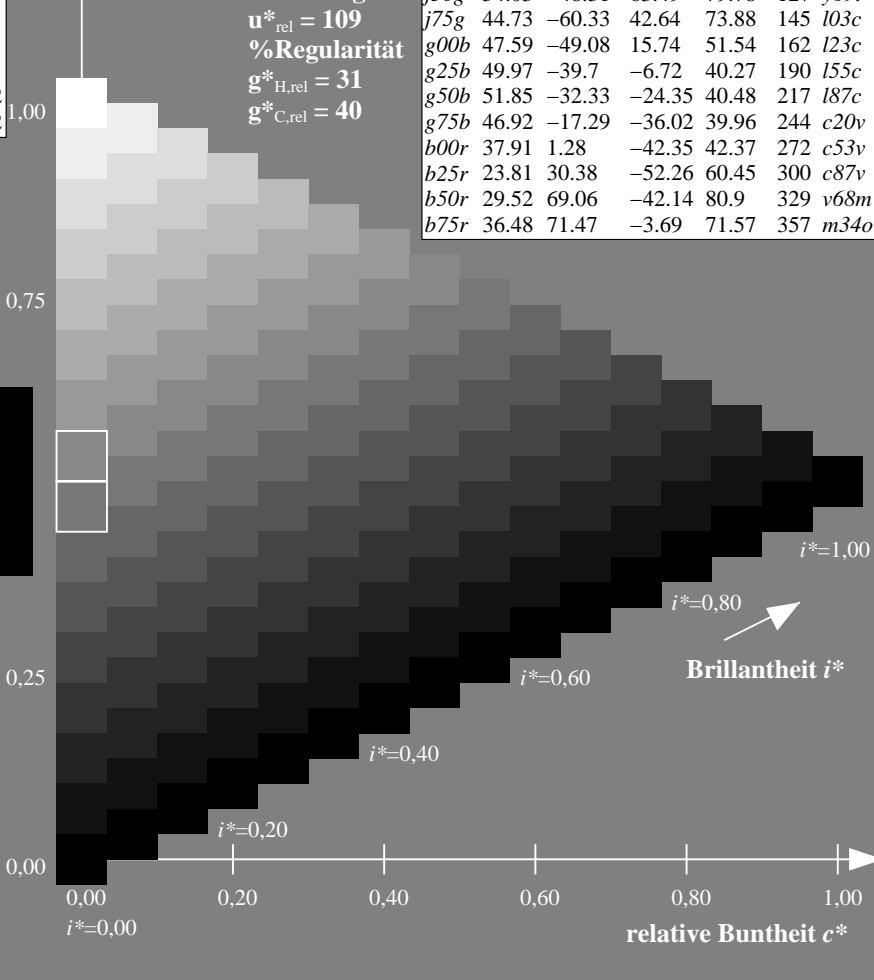
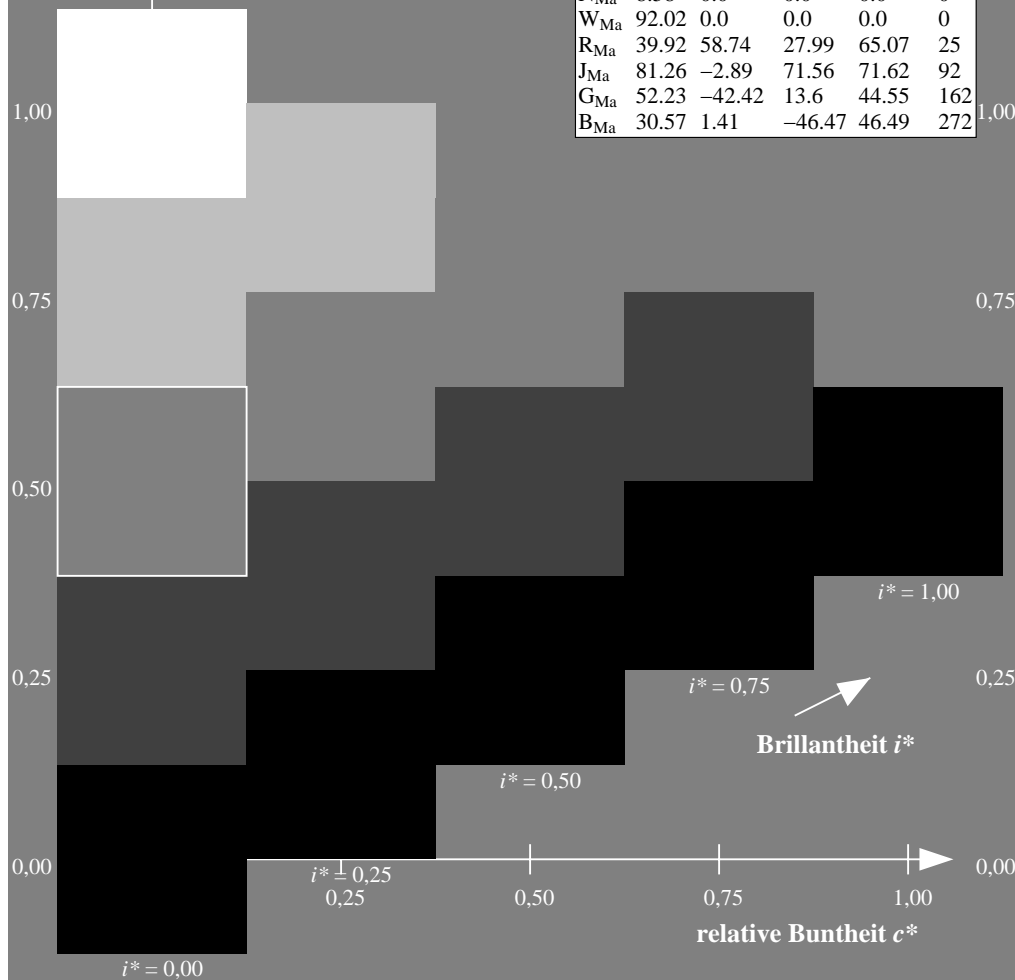
%Regularität

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

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

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  $lab^*icu^*$

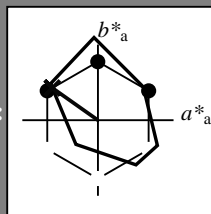
Bunttontexte:

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

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

$u^*_{rel} = 109$

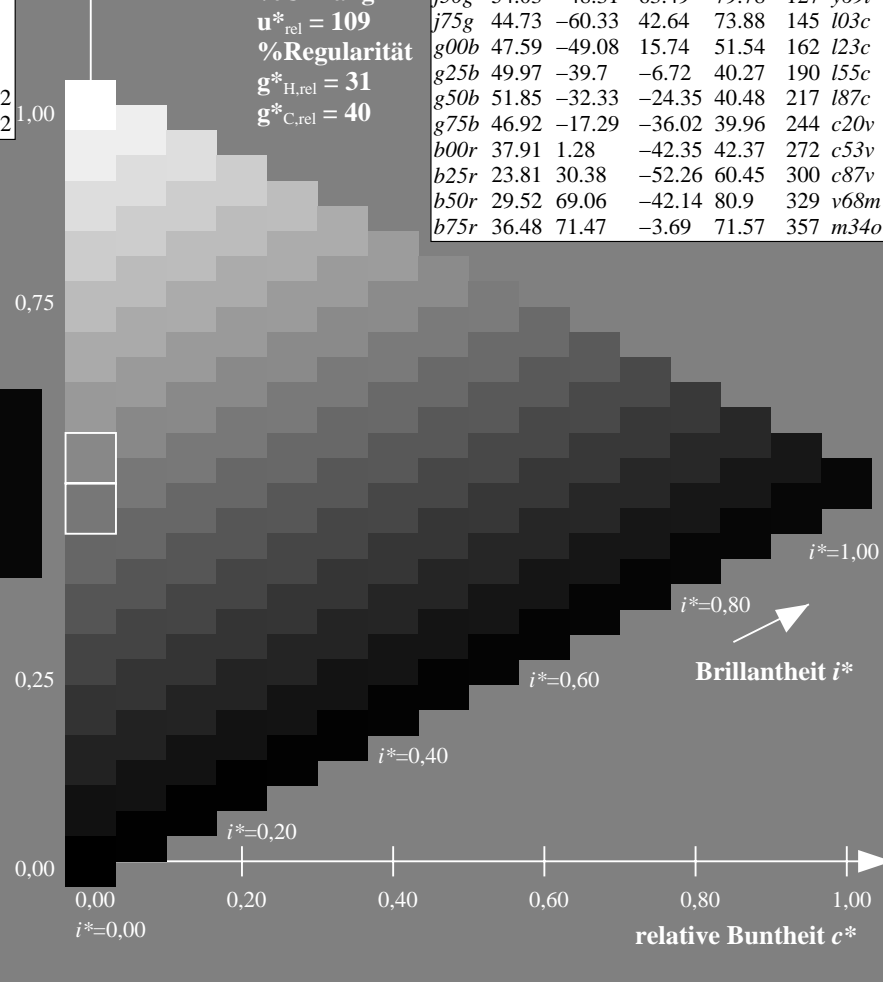
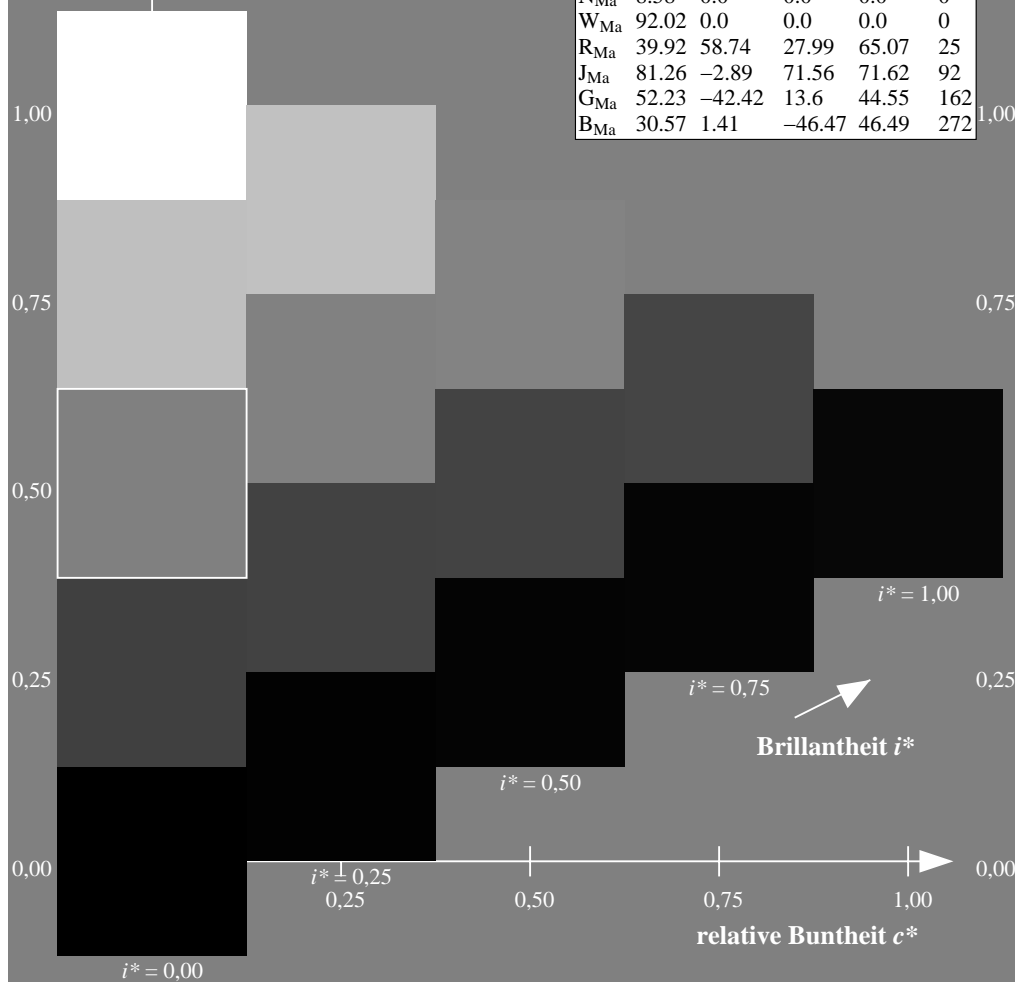
%Regularität

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

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

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  $lab^*icu^*$

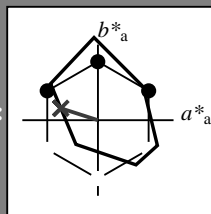
Bunttontexte:

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

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

$u^*_{rel} = 109$

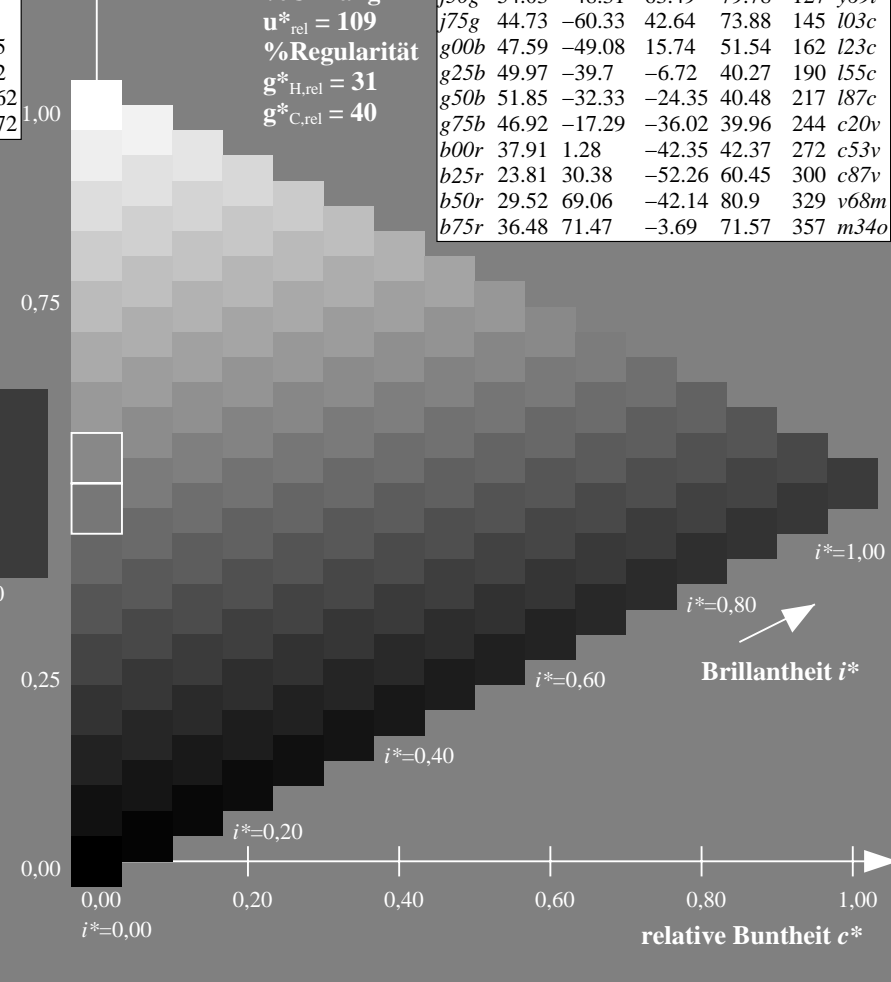
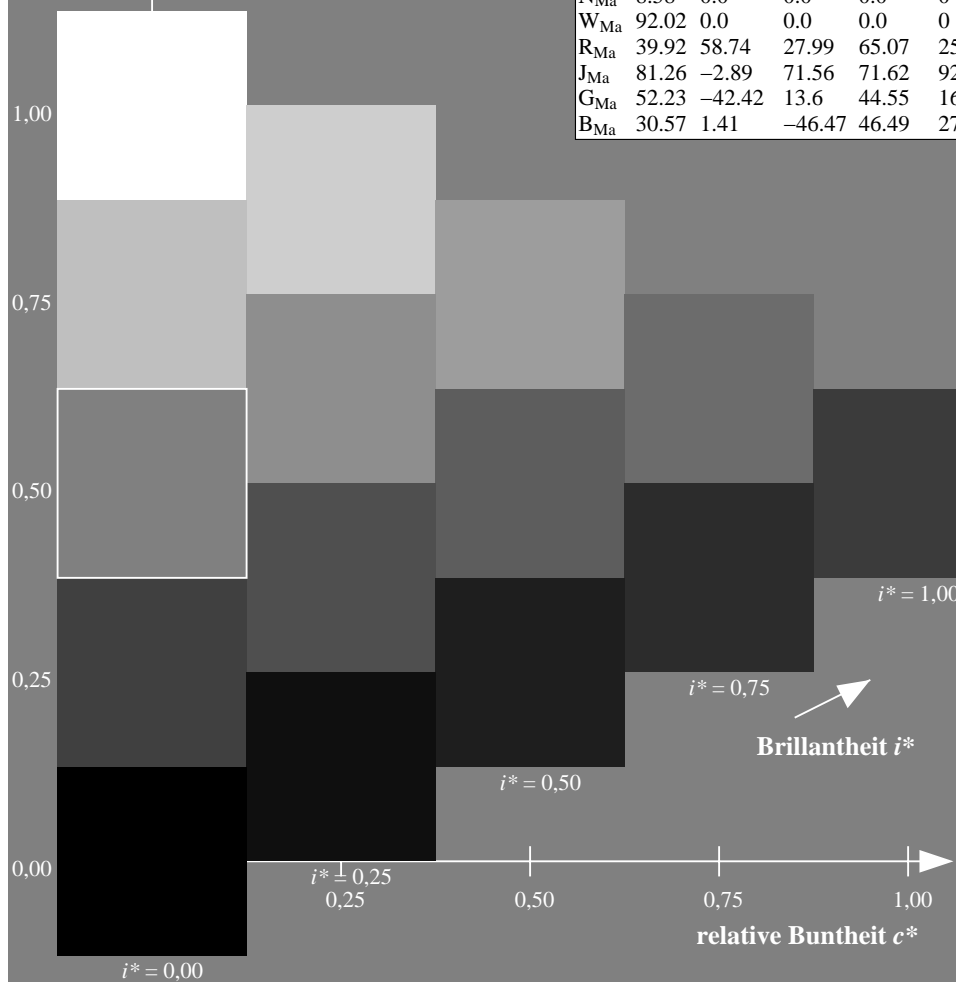
%Regularität

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

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

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	





► **Products from here:**



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  $lab^*icu^*$

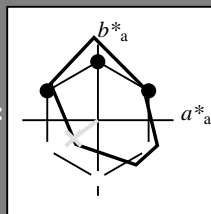
Bunttontexte:

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

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

$u^*_{rel} = 109$

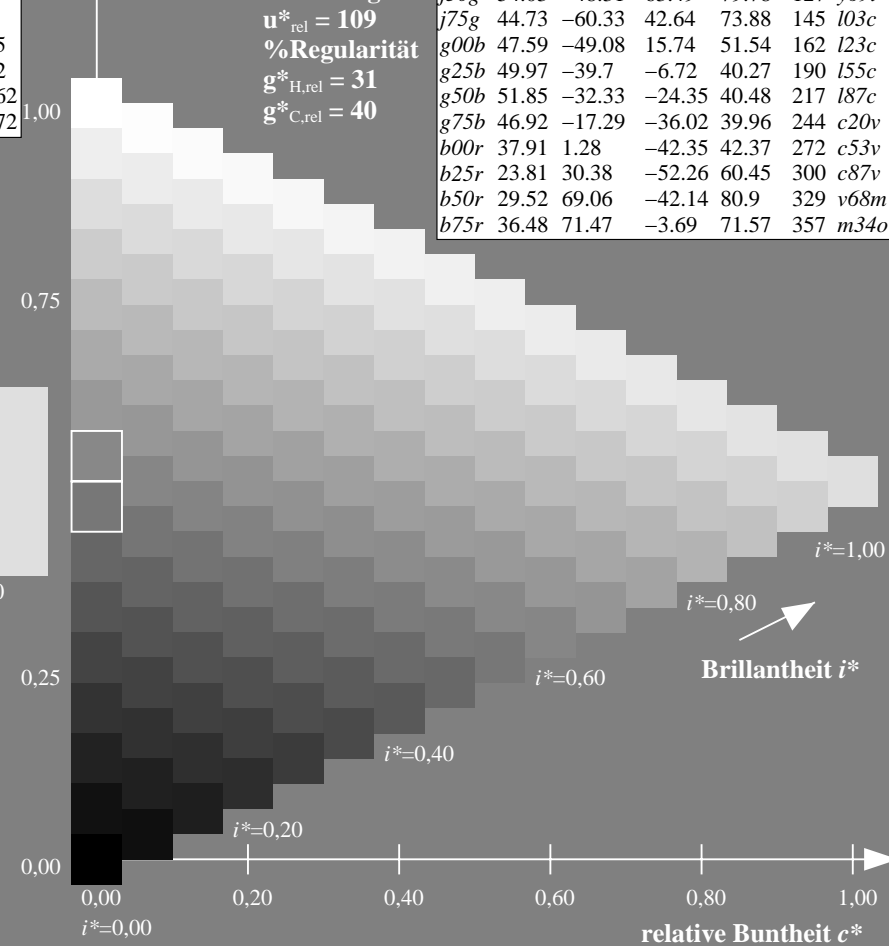
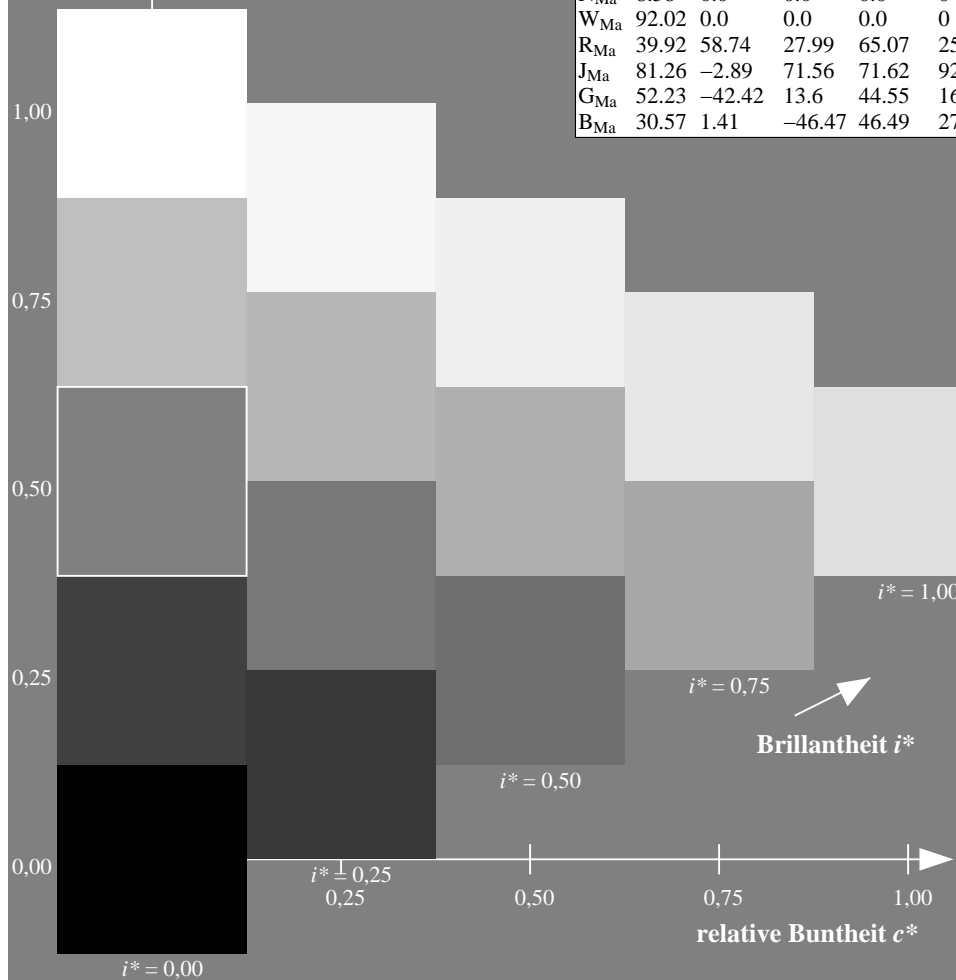
%Regularität

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

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

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



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  $lab^*icu^*$

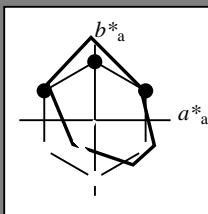
Bunttontexte:

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

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

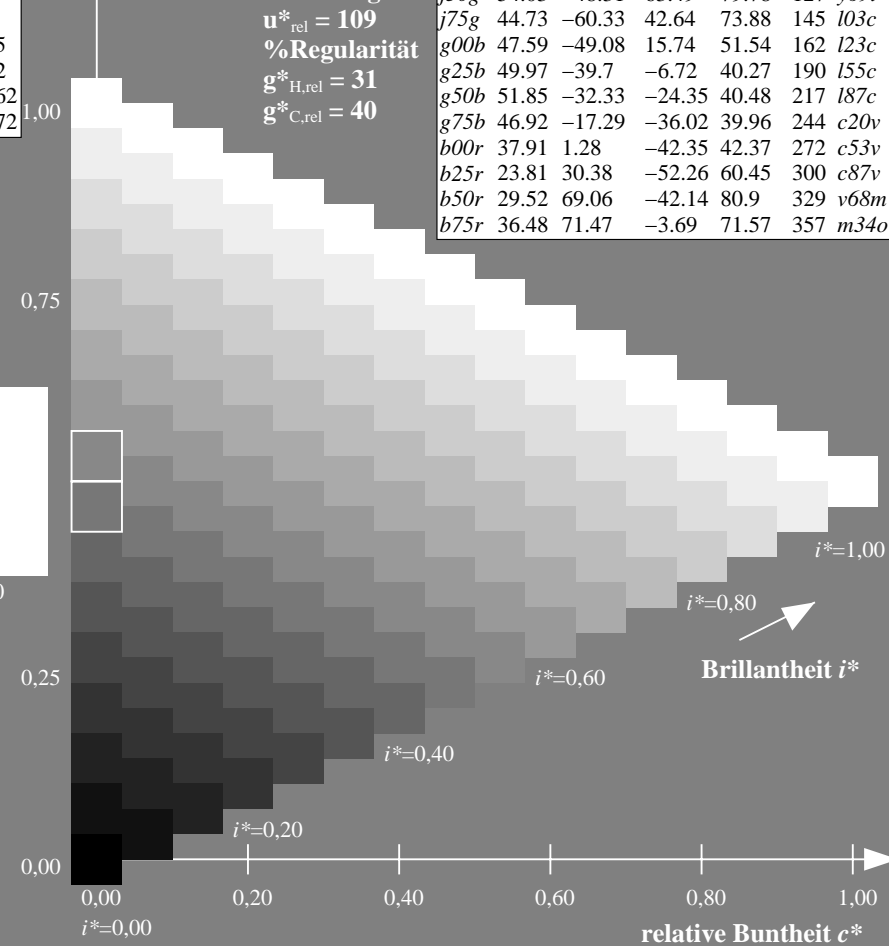
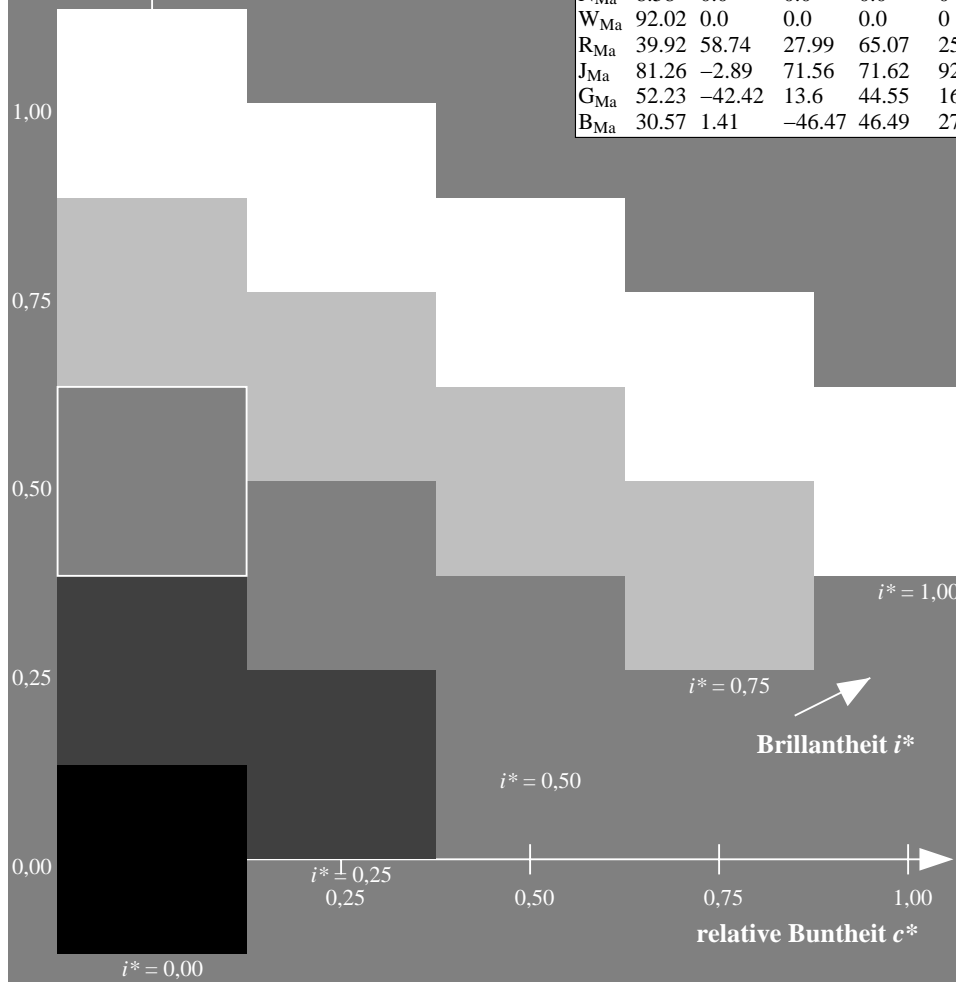
$g^*_{H,rel} = 31$

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

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

$u^*_e = g75b$



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  $lab^*icu^*$

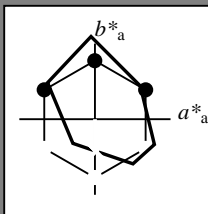
Bunttontexte:

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

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

$u^*_{rel} = 109$

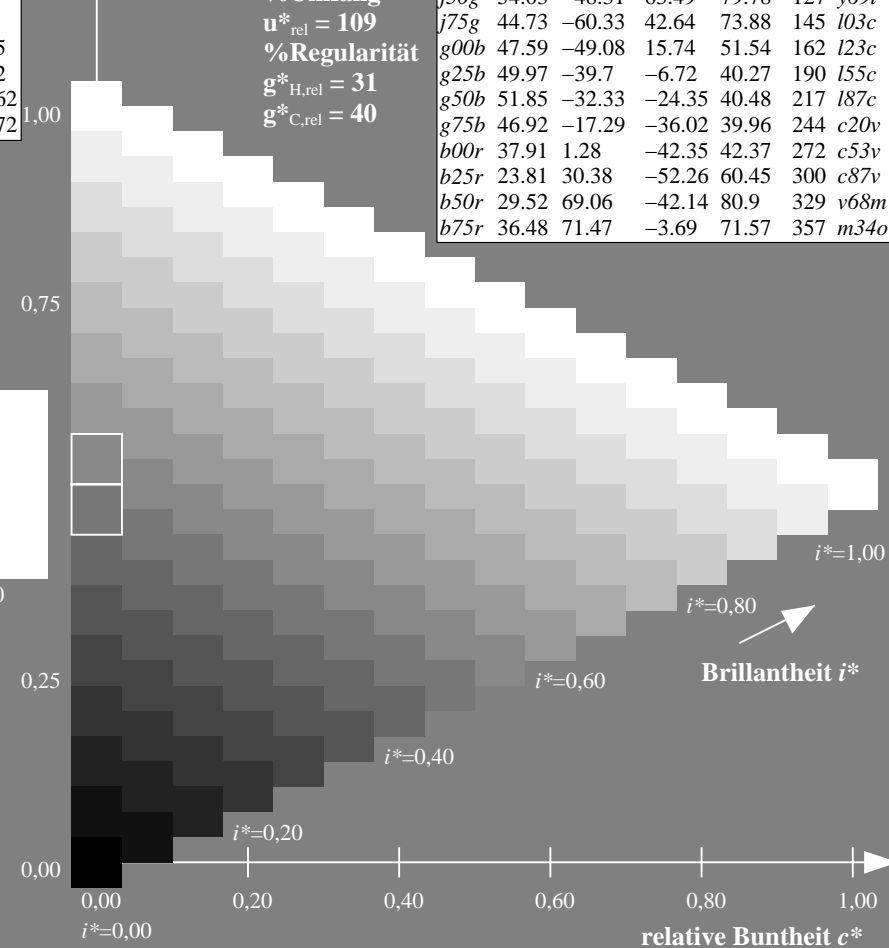
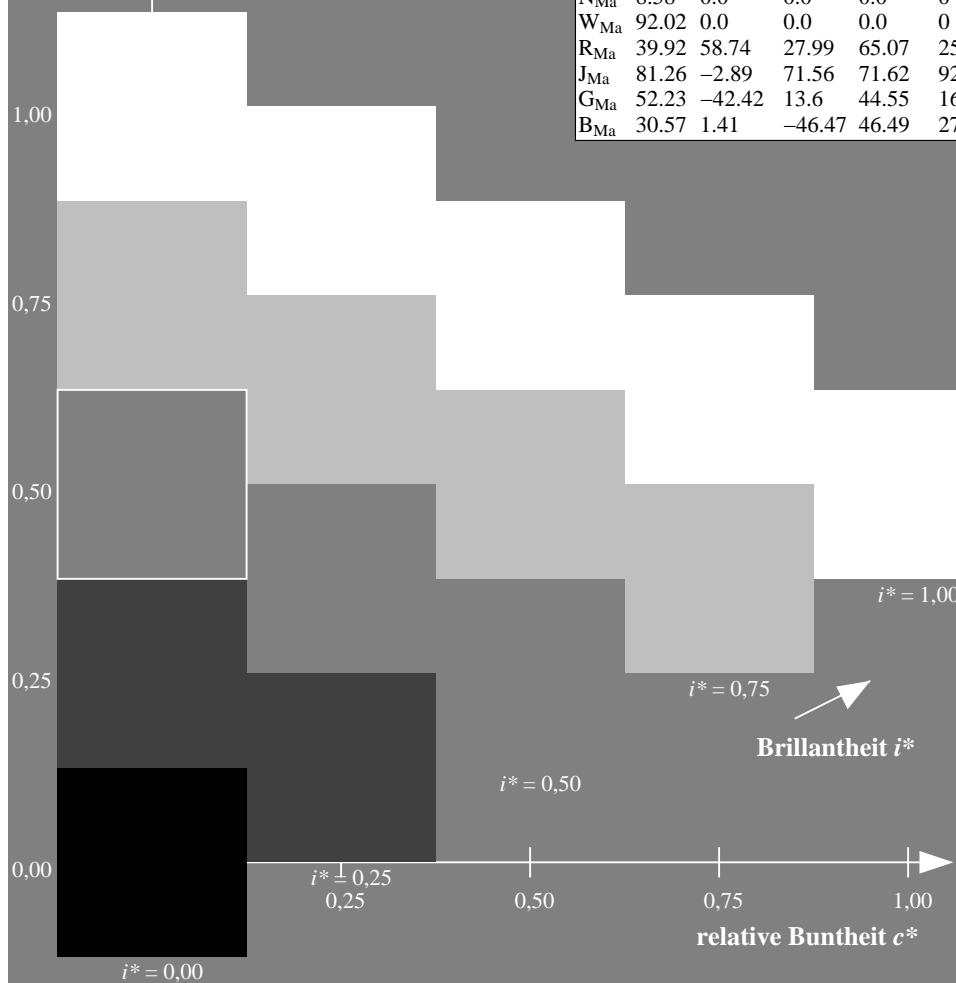
%Regularität

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

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

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	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  $lab^*icu^*$

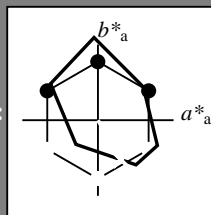
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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

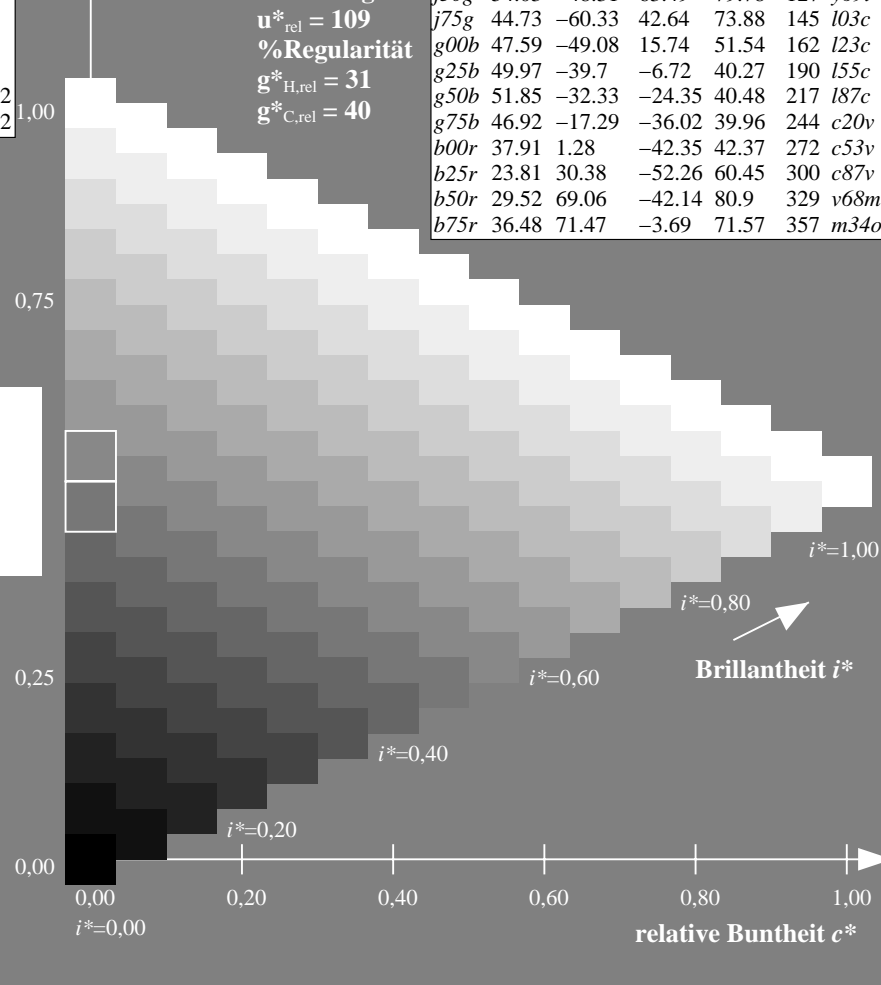
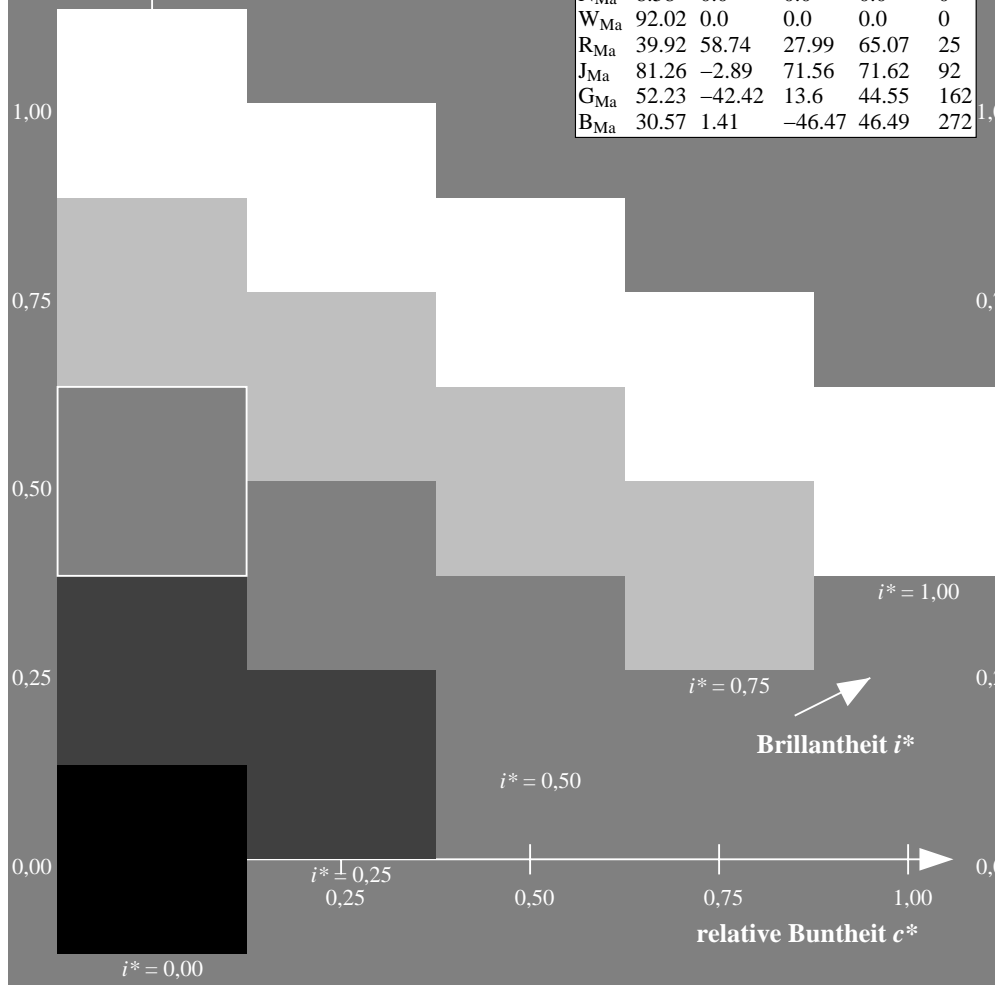
$u^*_{rel} = 109$

%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		



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  $lab^*icu^*$

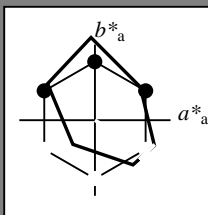
Bunttontexte:

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

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

$u^*_{rel} = 109$

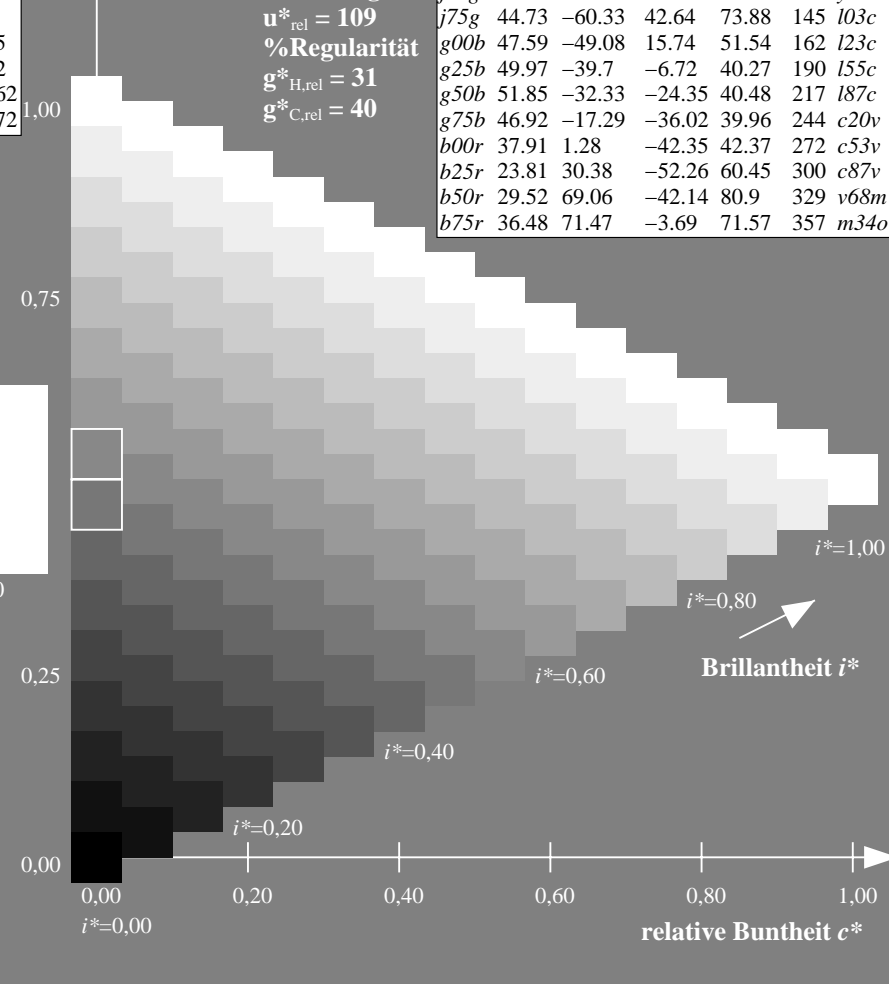
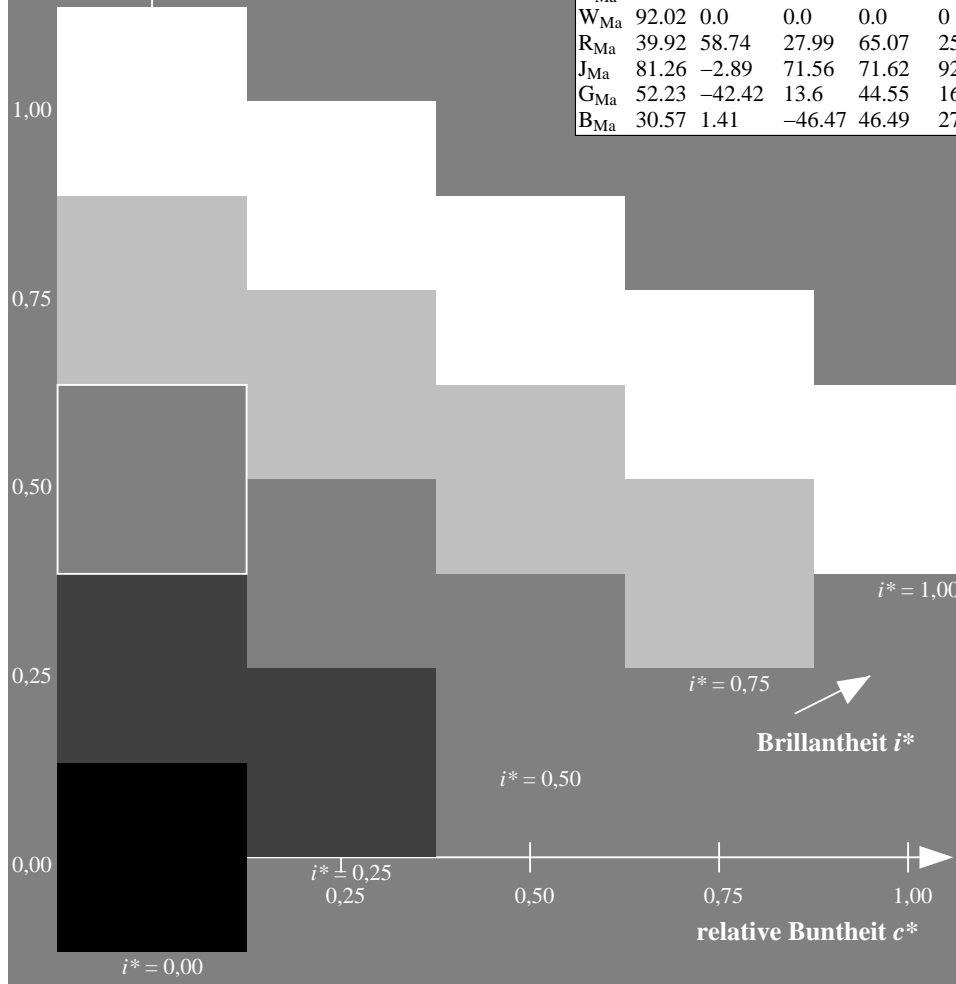
%Regularität

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

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

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





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [www.ps.bam.de/Version 2.1, io=1,1, Col5px=0](http://www.ps.bam.de/Version2.1,io=1,1,Col5px=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, Col5px=0](http://www.ps.bam.de/Version2.1,io=1,1,Col5px=0)

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  $lab^*icu^*$

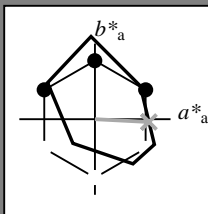
Bunttontexte:

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

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

$u^*_{rel} = 109$

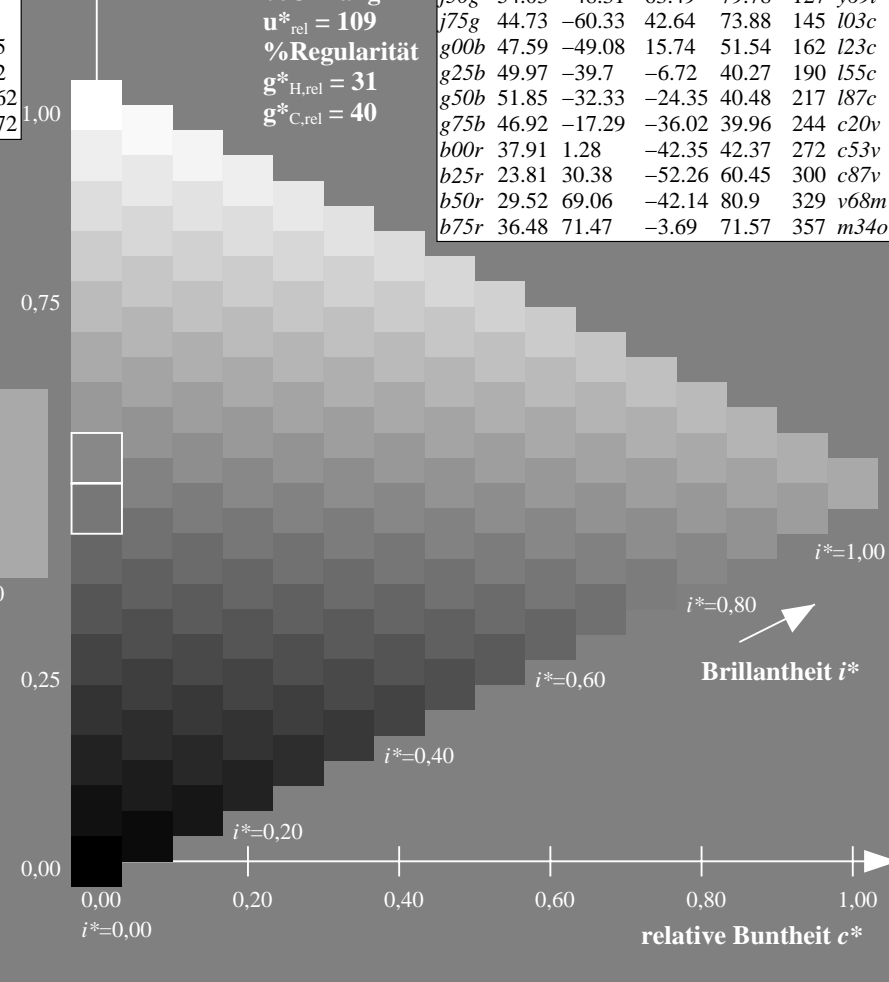
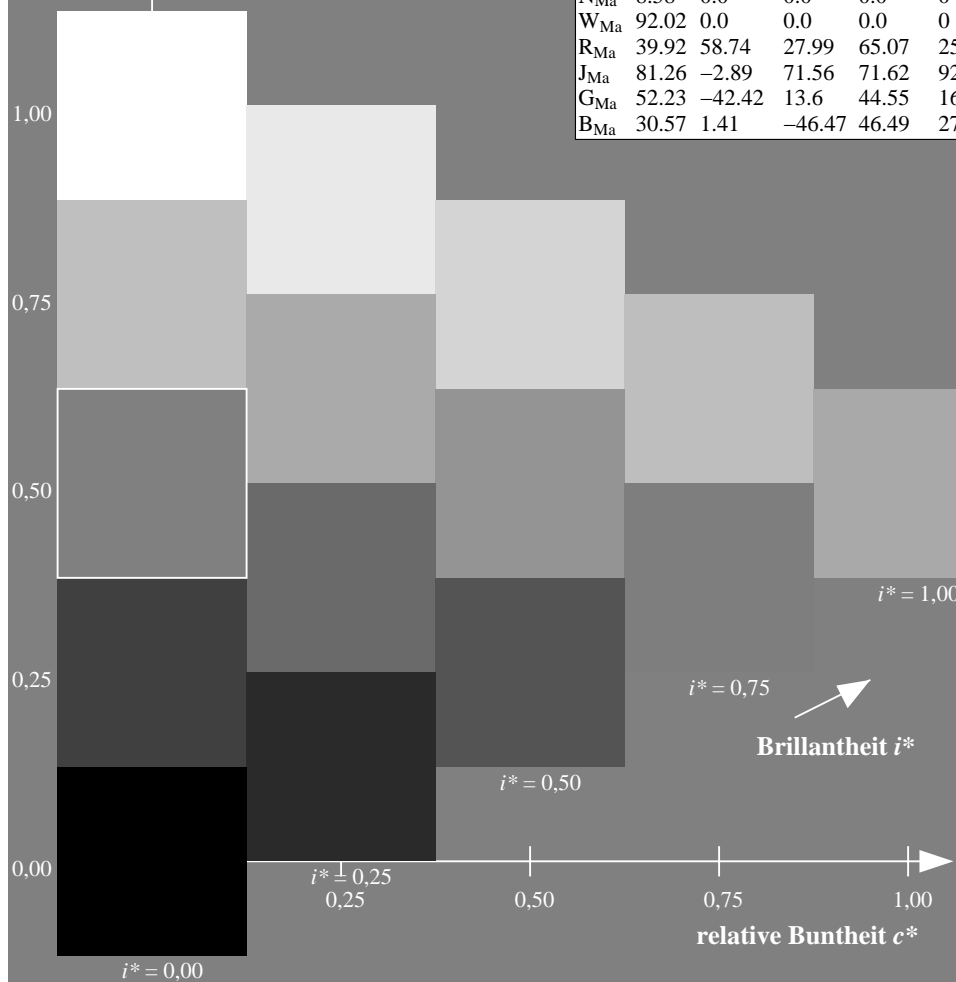
%Regularität

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

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

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



BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [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, ColSpx=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		
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**Schwarz-Separation leer**

**Schwarz-Separation leer**

**Schwarz-Separation leer**

**Schwarz-Separation leer**

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [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, ColSpx=0



**Schwarz-Separation leer**

*Schwarz-Separation leer*

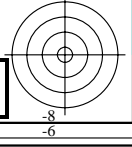
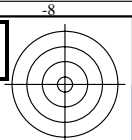
**Schwarz-Separation leer**

**Schwarz-Separation leer**

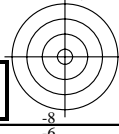
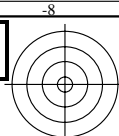
**Schwarz-Separation leer**

**Schwarz-Separation leer**

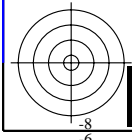
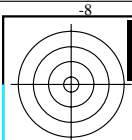
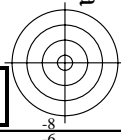
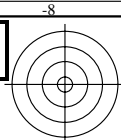




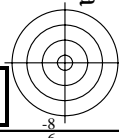
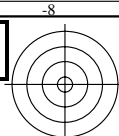
*Schwarz-Separation leer*



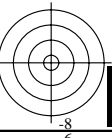
**Schwarz-Separation leer**

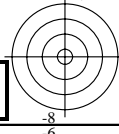
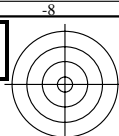


**Schwarz-Separation leer**

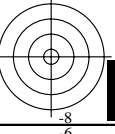
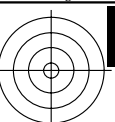


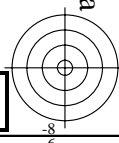
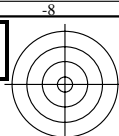
**Schwarz-Separation leer**





**Schwarz-Separation leer**

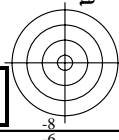
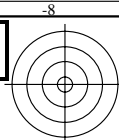




**Schwarz-Separation leer**



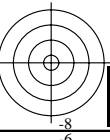
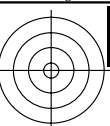


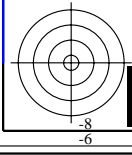
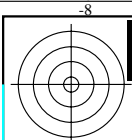
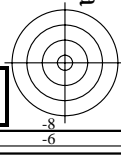
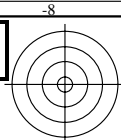


www.ps.bam.de/Eg10/10L/L10G00NA.PS/.TXT; FRS09\_92a; Transfer und Ausgabe  
N: Keine Ausgabe-Linearisierung (OL) in Datei (F), Startup (S), Gerät (D); Separation: **cmyn**

**Schwarz-Separation leer**

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [www.ps.bam.de/Version 2.1, io=1, 1, ColSpx=0](http://www.ps.bam.de/Version%202.1,%20io%3D1,%20ColSpx%3D0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1, 1, ColSpx=0](http://www.ps.bam.de/Version%202.1,%20io%3D1,%20ColSpx%3D0)





**Schwarz-Separation leer**

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

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

Elementar-Bunttontext:

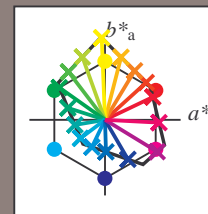
$u^*_e$  = 16 Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

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

$u^*_{rel} = 109$

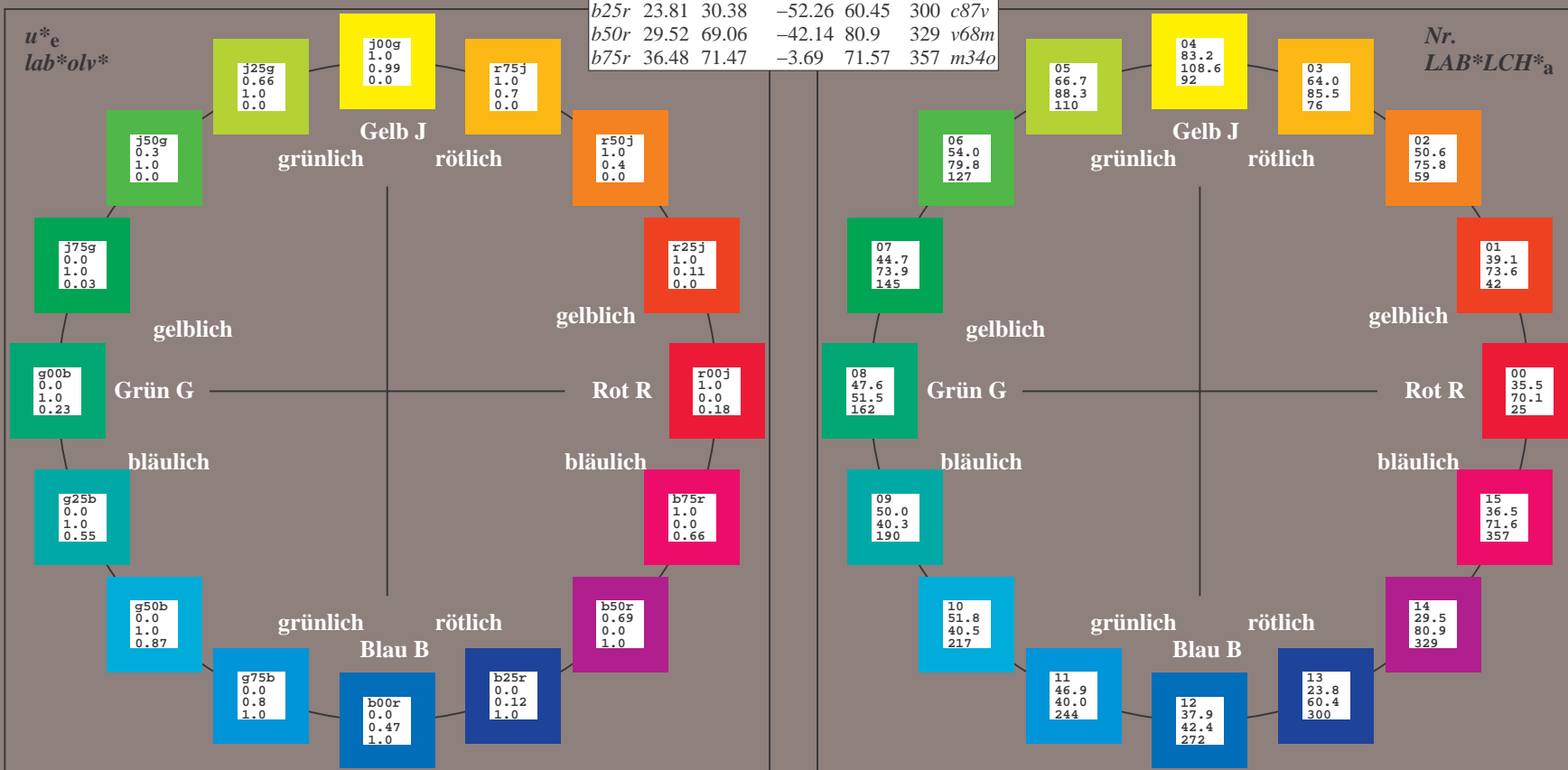
%Regularität

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

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

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: Farbmétrisches 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\**

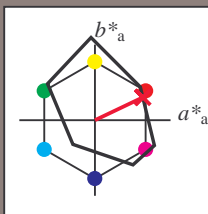
## Bunttexte:

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

### 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\**M<sub>2</sub>: 35 70 25

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

*lab\*rgb*\*M<sub>a</sub>: 1.0 0.0 0.0  
*lab\*oly*\*M<sub>a</sub>: 1.0 0.0 0.18

### Dreiecks-Helligkeit $t^*$

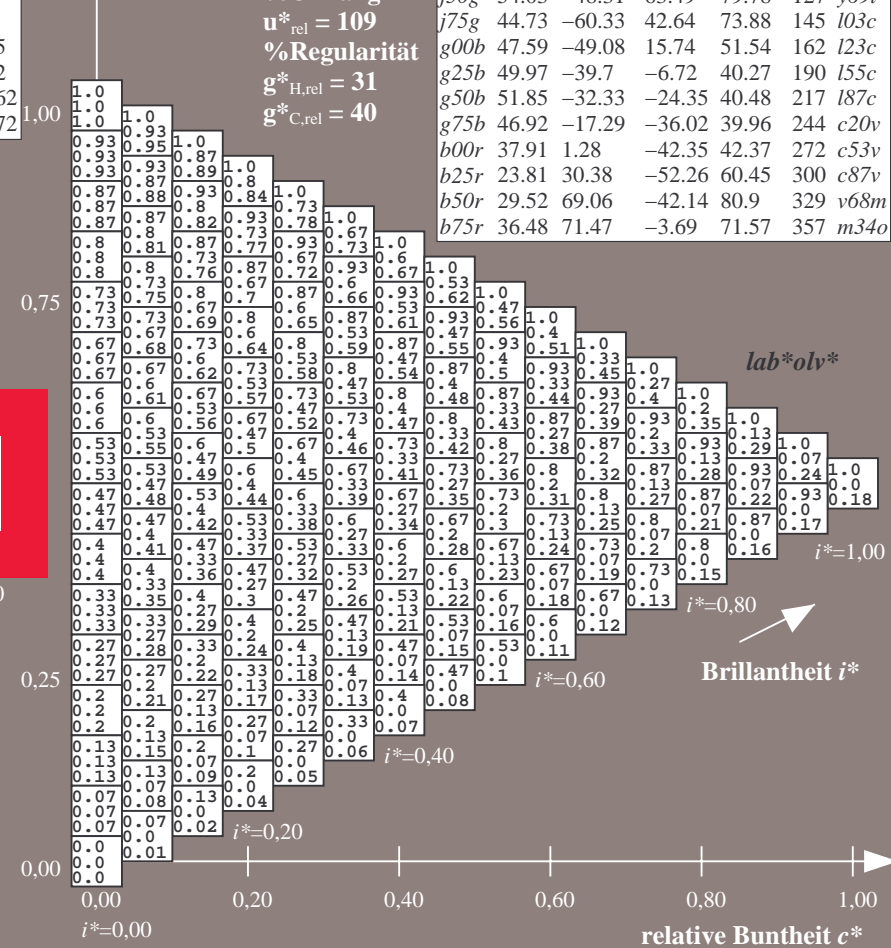
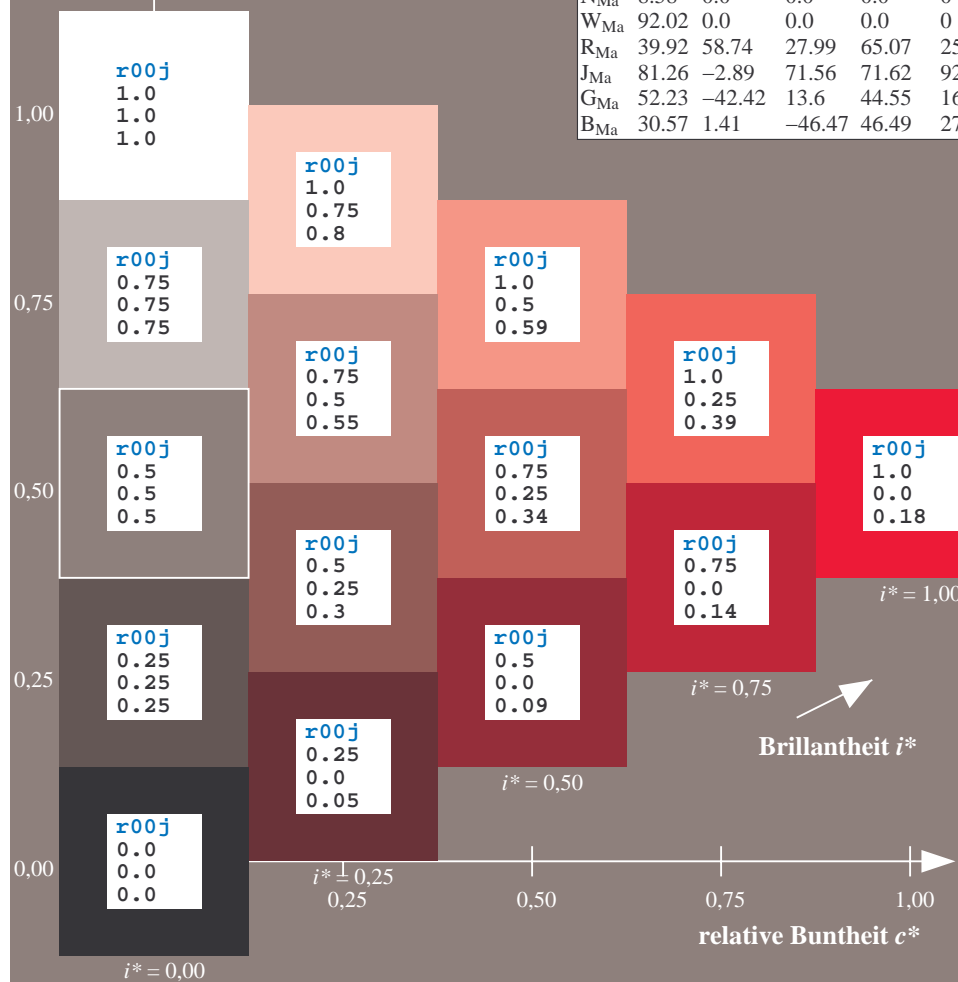
## %Umfang

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

**%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>o89y</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  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

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

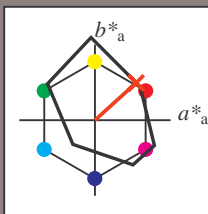
Bunttontexte:

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

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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



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  $lab^*icu^*$

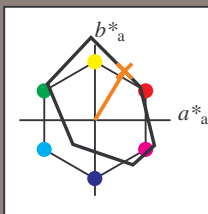
Bunttontexte:

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

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

$u^*_{rel} = 109$

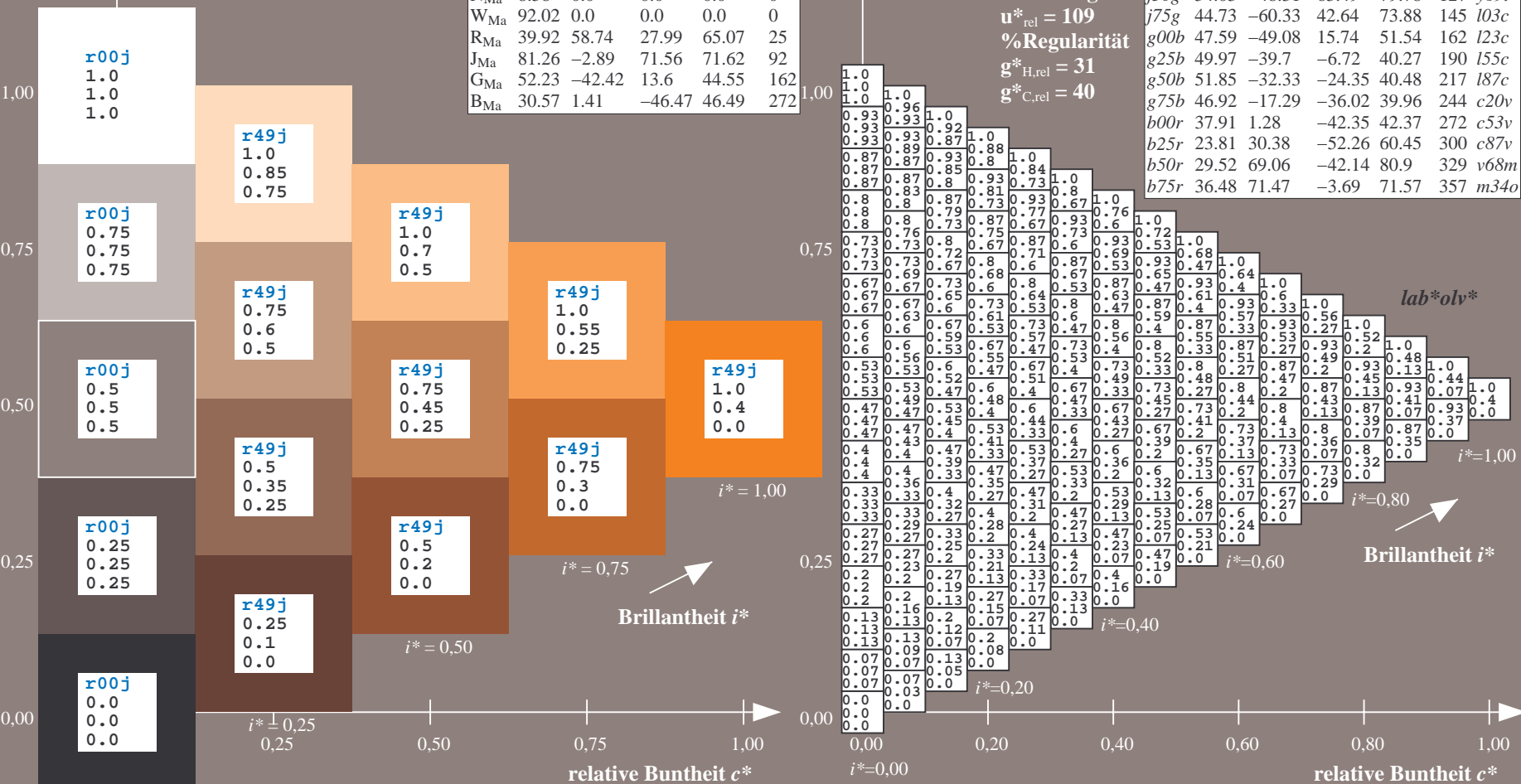
%Regularität

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

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

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	





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:

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

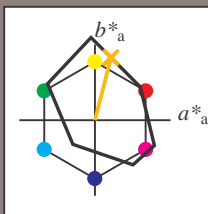
Bunttontexte:

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

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	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: Farbmétrisches 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\**

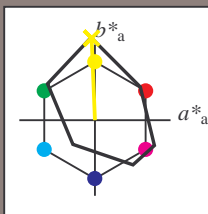
### Bunttexte:

$$u_e^* = j00g \quad u_d^* = 098v$$

**Kontrastreduzierungsfaktor:**

 $c_p = 1.0$ 

## 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>: 83 -4 109

LAD\*LGII\* 03 100 02

**LAB\*LCH\*Ma: 83 109 9**

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

*lab\*olv\**<sub>Ma</sub>: 1.0 0.99 0.0

### Dreiecks-Helligkeit $t^*$

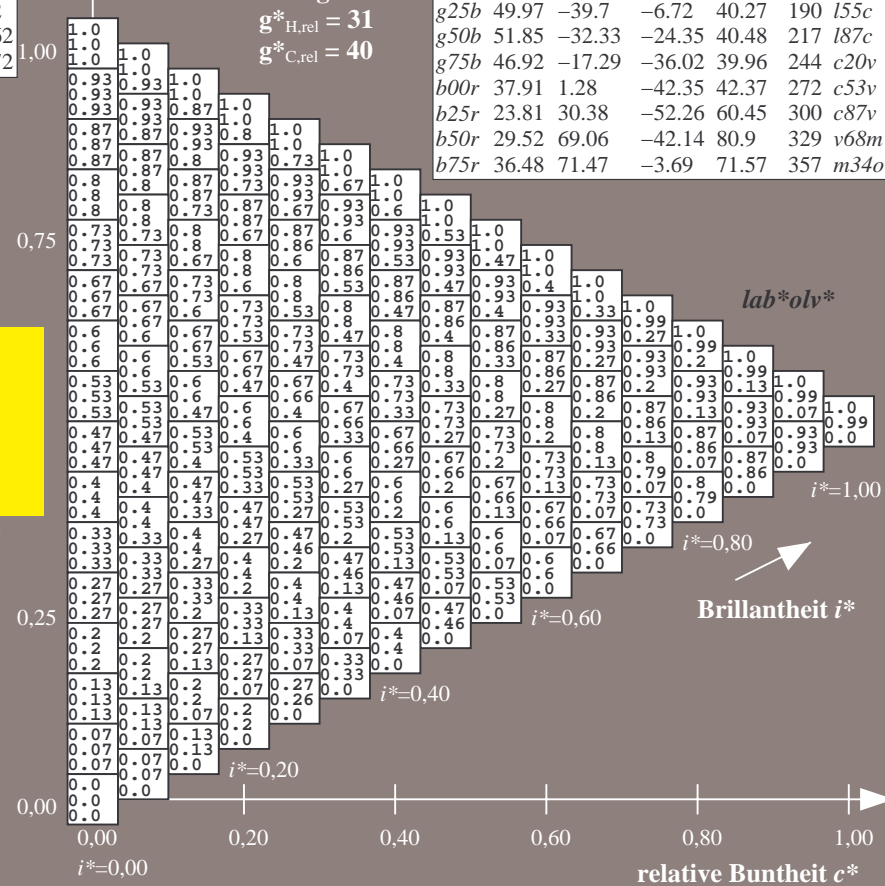
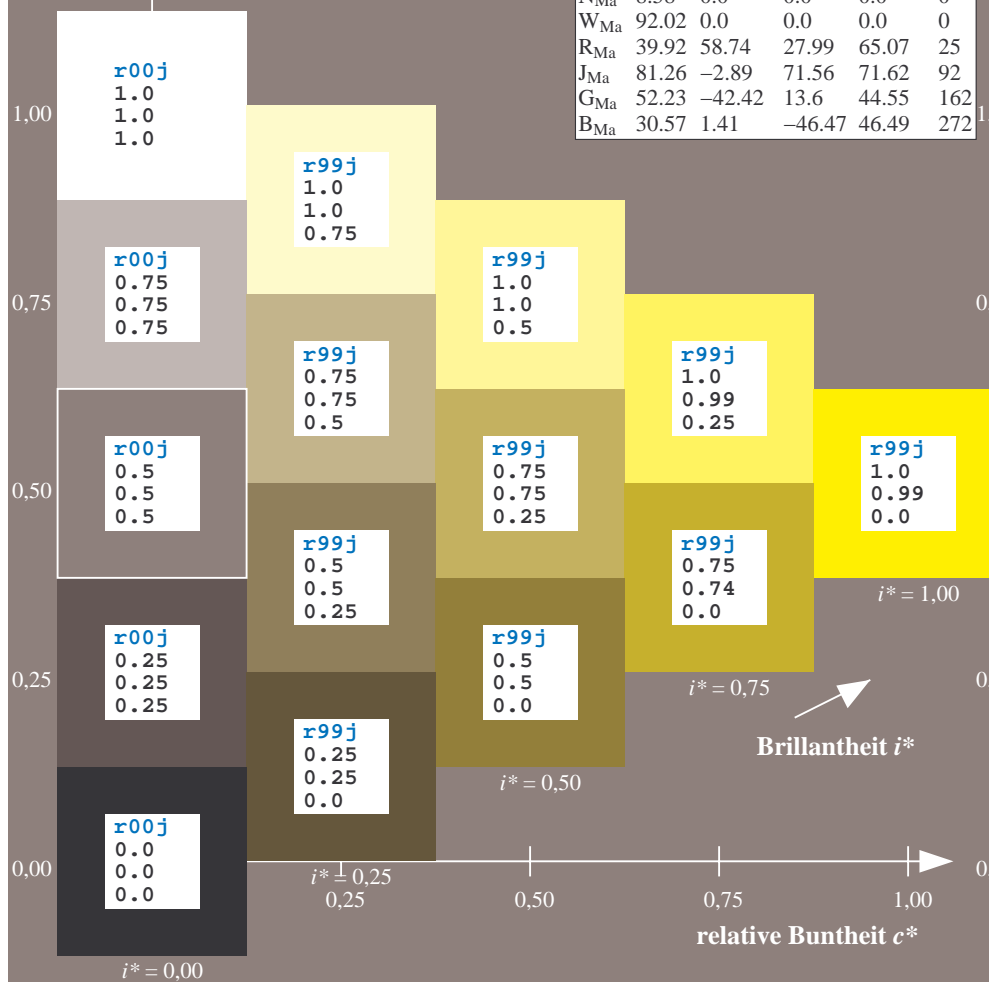
## %Umfang

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

**%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>m81a</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: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

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

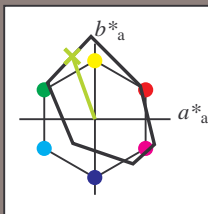
Bunttontexte:

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

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

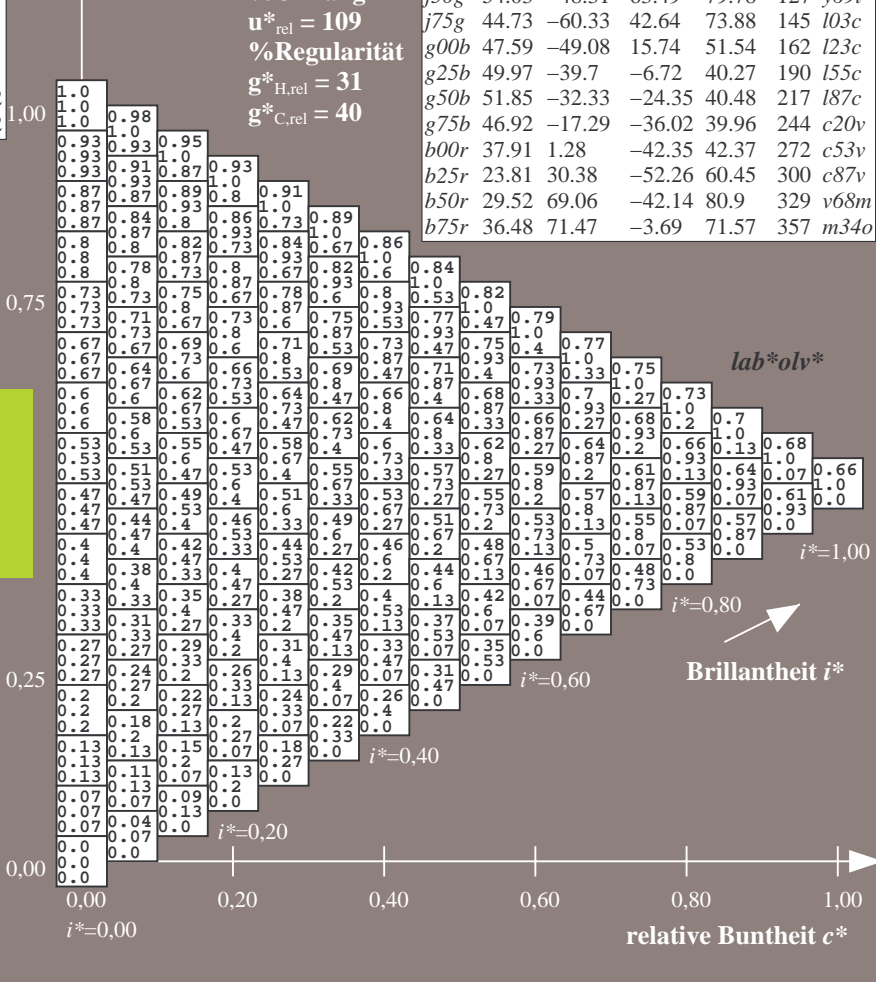
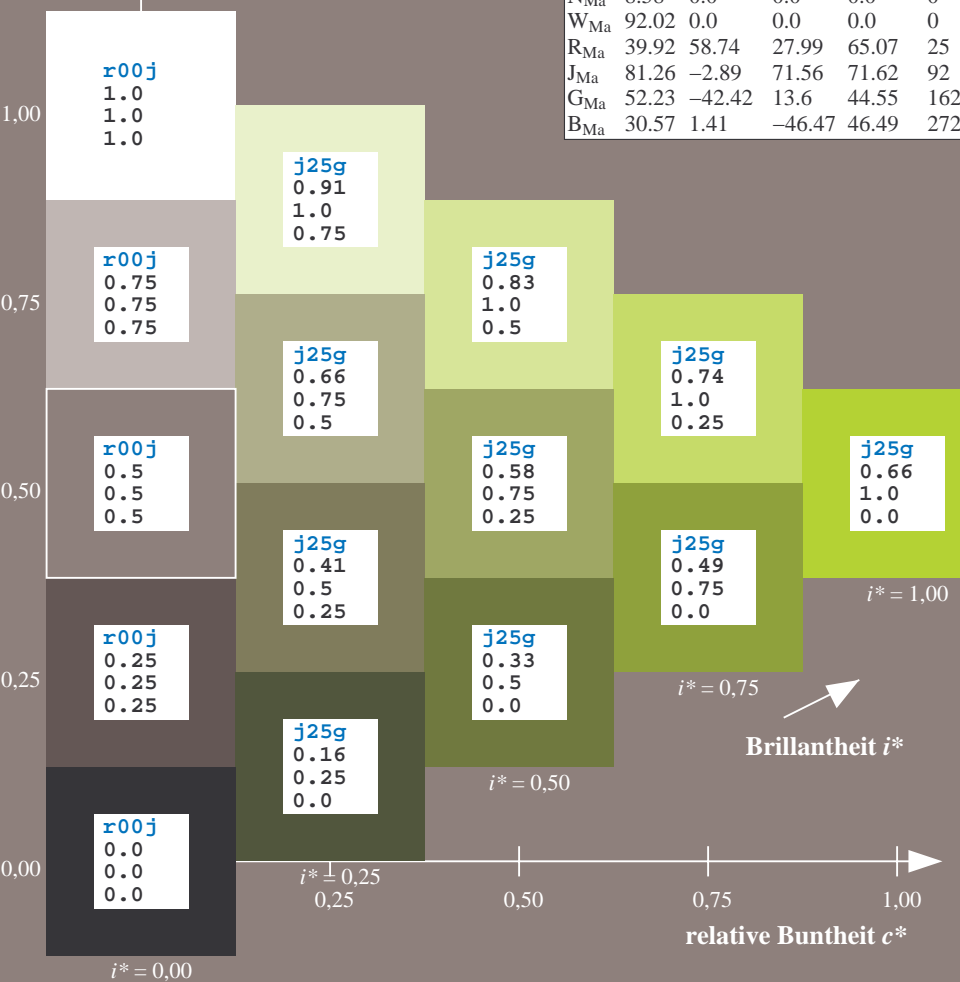
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$lab^*olv^*$	$u^*_d$		
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  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

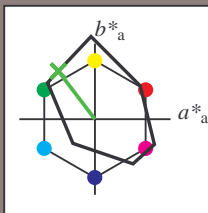
Bunttontexte:

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

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

Daten für jede Farbe:

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

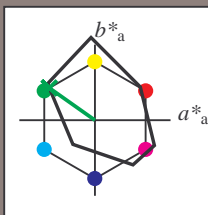
Bunttontexte:

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

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

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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

Daten für jede Farbe:

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

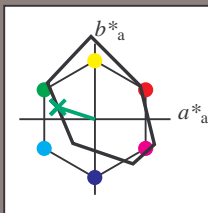
Bunttontexte:

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

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

$u^*_{rel} = 109$

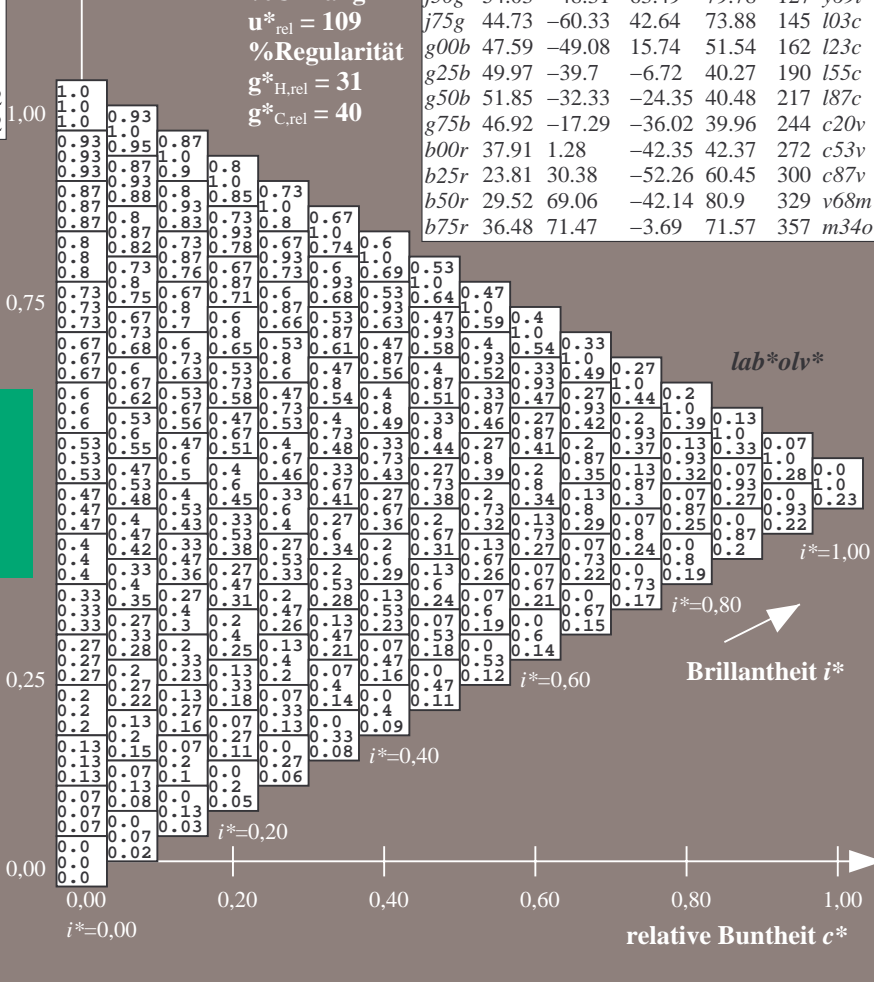
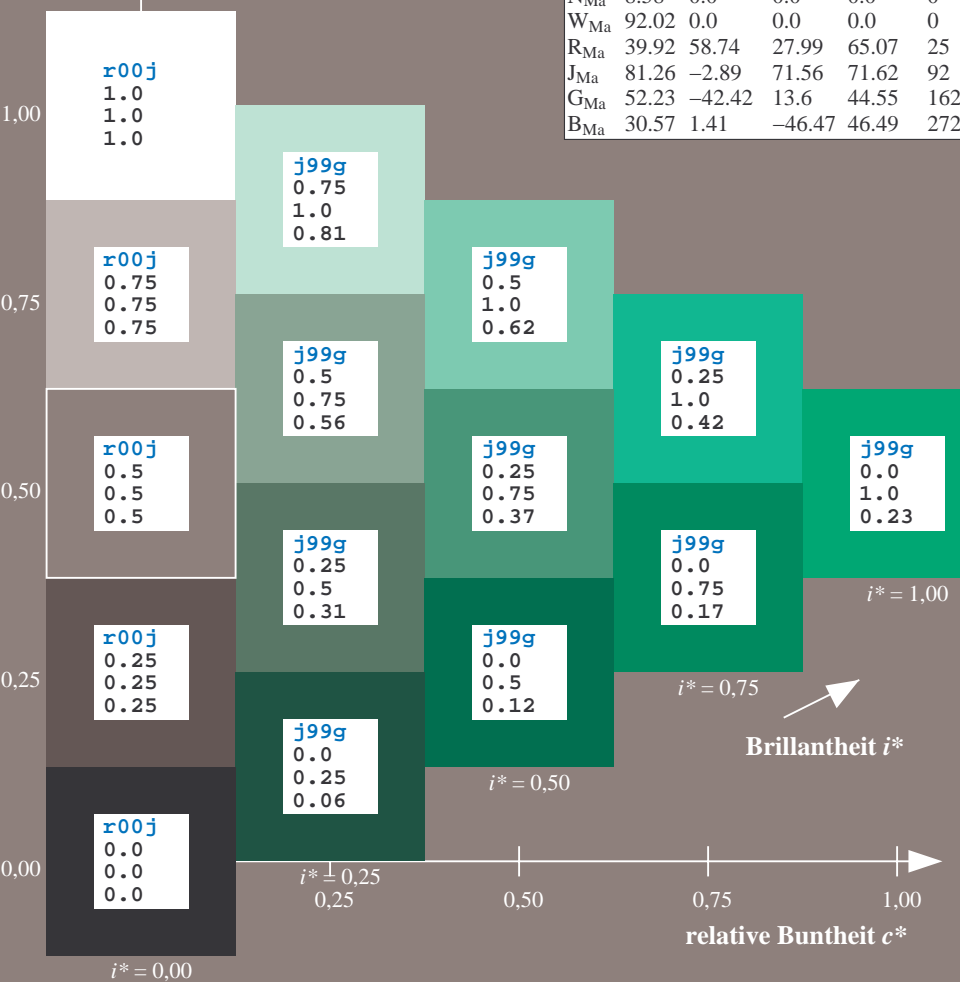
%Regularität

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

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

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: Farbmétrisches 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\**

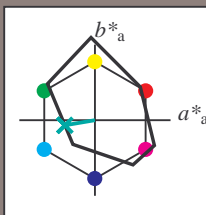
### Bunttexte:

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

**Kontrastreduzierungsfaktor:**

 $c_R = 1.0$ 

### 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\*Me*: 50 -40 -7

LAD\*LCII\* 50 40 100

**LAB\*LCH\*Ma: 50 40 1**

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

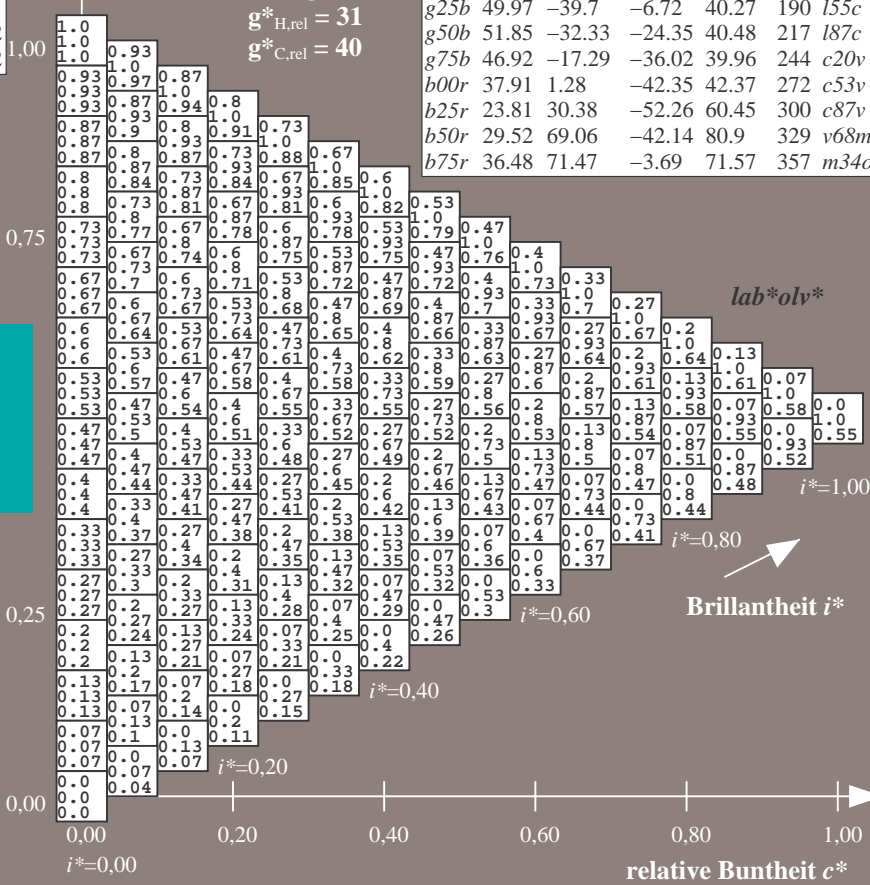
*lab\*olv\**Ma: 0.0 1.0 0.55

### Dreiecks-Helligkeit $t^*$

## %Umfang

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

### %Regularität

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


## Brillantheit *i*\*

A horizontal line with three vertical tick marks. The two outer tick marks are at the ends of the line, and the middle tick mark is exactly halfway between them. There are no numbers or labels on the line.

0,80 1,00

## Relative Buntheit $c^*$

BAM-Prüfvorlage Eg10; Farbmimetrik-Systeme, Seite 119/270    Eingabe: 000n / w / nnn0 / www set...  
 3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->cmY0\* setcmykcolor

BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/EgI0>; [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, ColSpx=0

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  $lab^*icu^*$

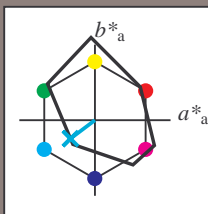
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



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	

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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:

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

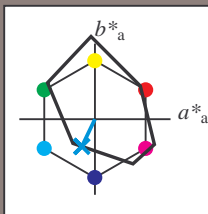
Bunttontexte:

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

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	

$lab^*olv^*$

$i^* = 1.00$

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: 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  $lab^*icu^*$

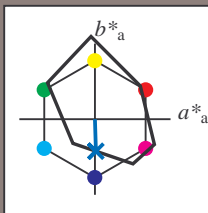
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; 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  $lab^*icu^*$

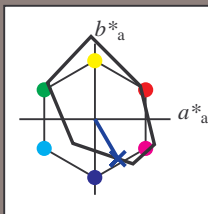
Bunttontexte:

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

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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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  $lab^*icu^*$

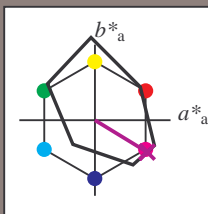
Bunttontexte:

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

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  $c^*$

r00j

1.0

1.0

1.0

r00j

0.75

0.75

0.75

r00j

0.5

0.5

0.5

r00j

0.25

0.25

0.25

r00j

0.0

0.0

0.0

b49r

0.92

0.75

1.0

b49r

0.67

0.5

0.75

b49r

0.42

0.25

0.5

b49r

0.17

0.0

0.25

b49r

0.84

0.5

1.0

b49r

0.59

0.25

0.75

b49r

0.34

0.0

0.5

b49r

0.76

0.25

1.0

b49r

0.51

0.0

0.75

b49r

0.69

0.0

1.0

b49r

0.45

0.0

0.75

b49r

0.33

0.0

0.75

b49r

0.22

0.0

0.75

b49r

0.11

0.0

0.75



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  $lab^*icu^*$

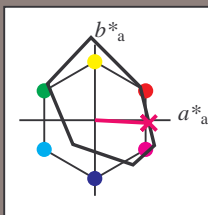
Bunttontexte:

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

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

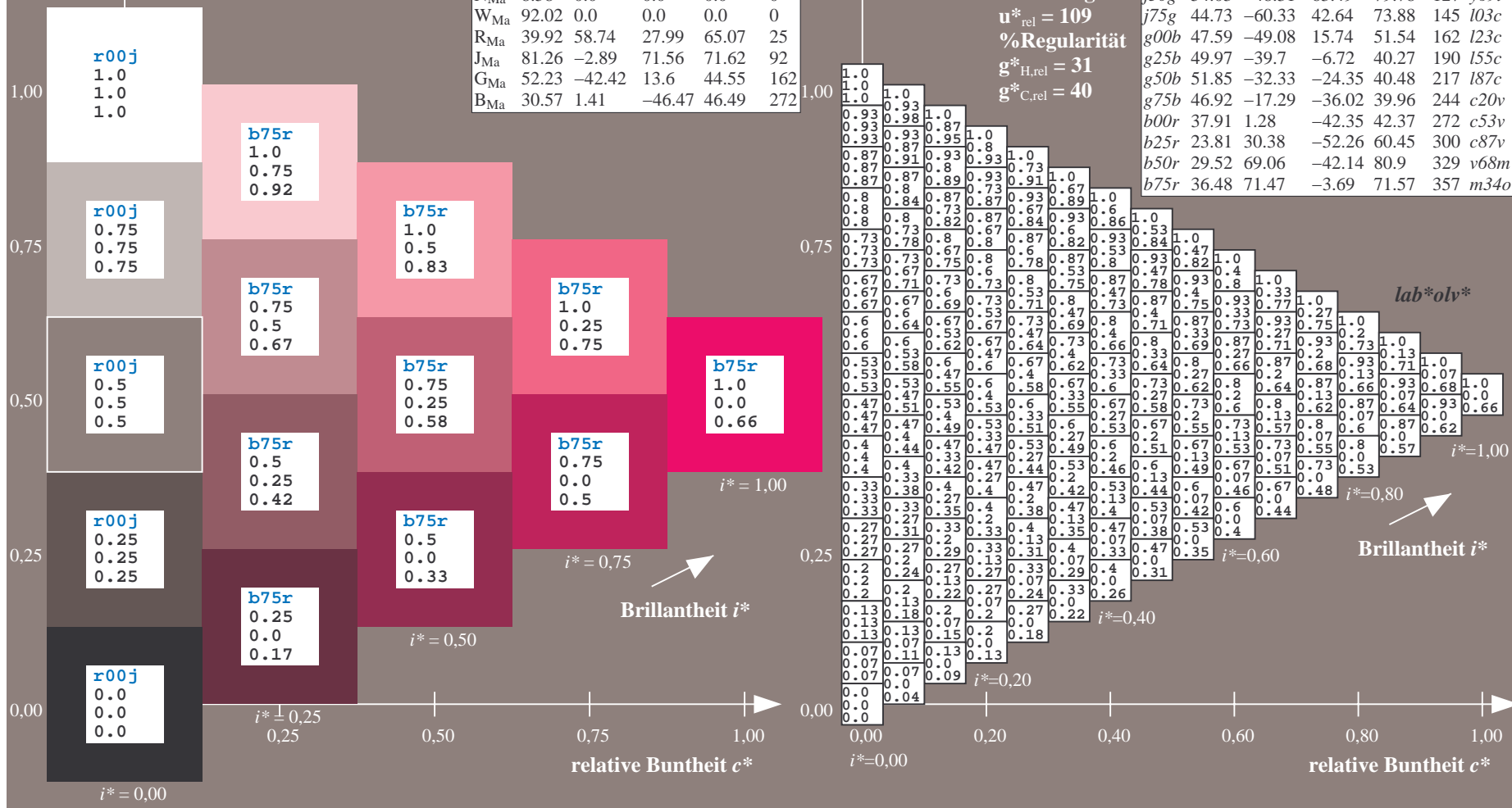
$u^*_{rel} = 109$

%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/Eg10/>; <http://www.ps.bam.de/Eg10L/>  
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	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
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	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	0.13	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.0	0.13	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	0.63	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	0.63	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	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	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	0.88	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	0.88	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	0.75	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	0.75	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</																

BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.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:

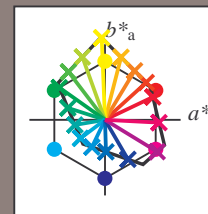
$u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$

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

$u^*_{rel} = 109$

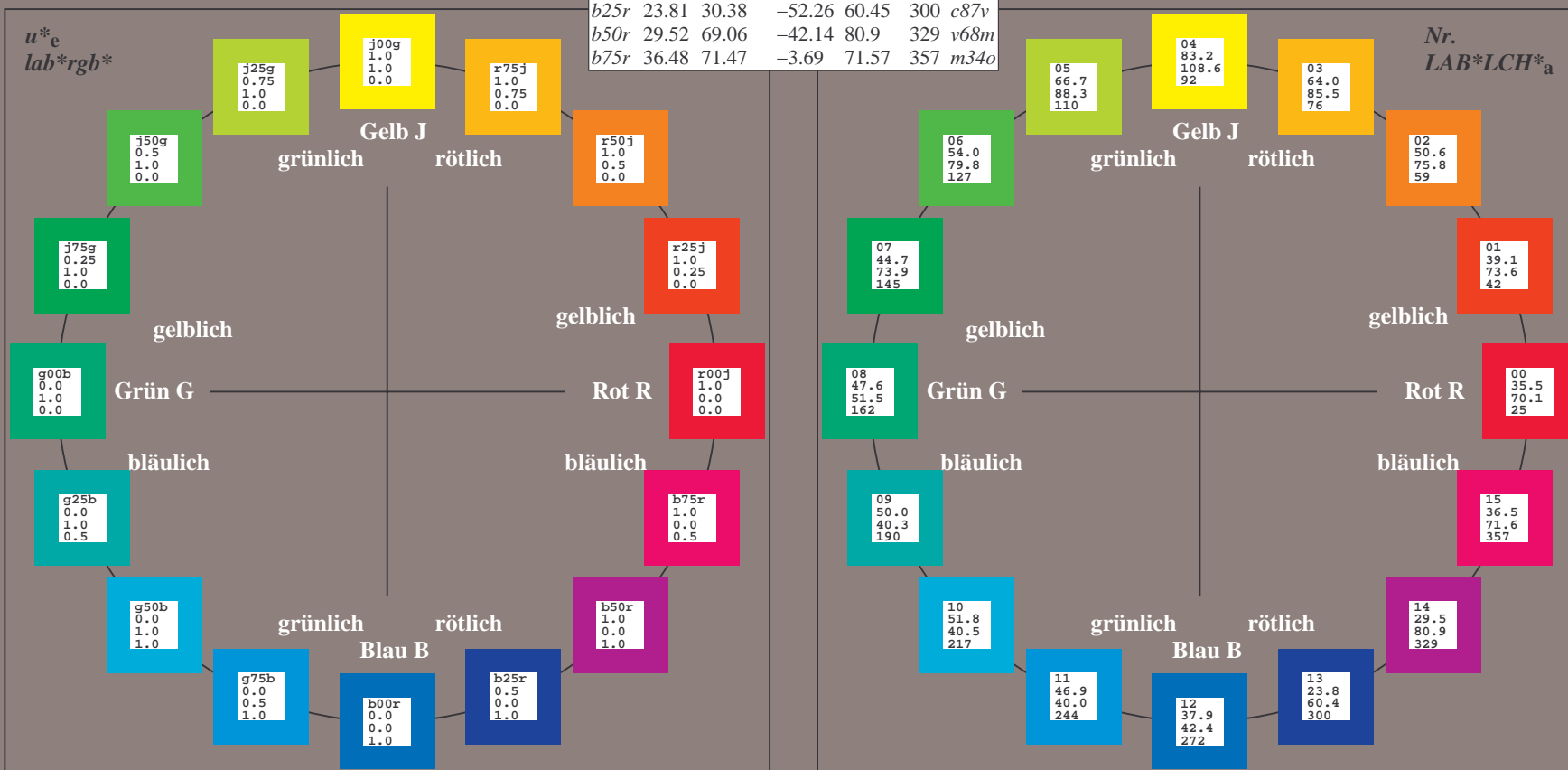
%Regularität

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

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

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: 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  $lab^*icu^*$

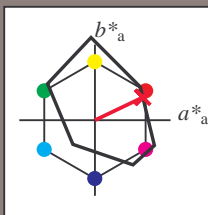
Bunttontexte:

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

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

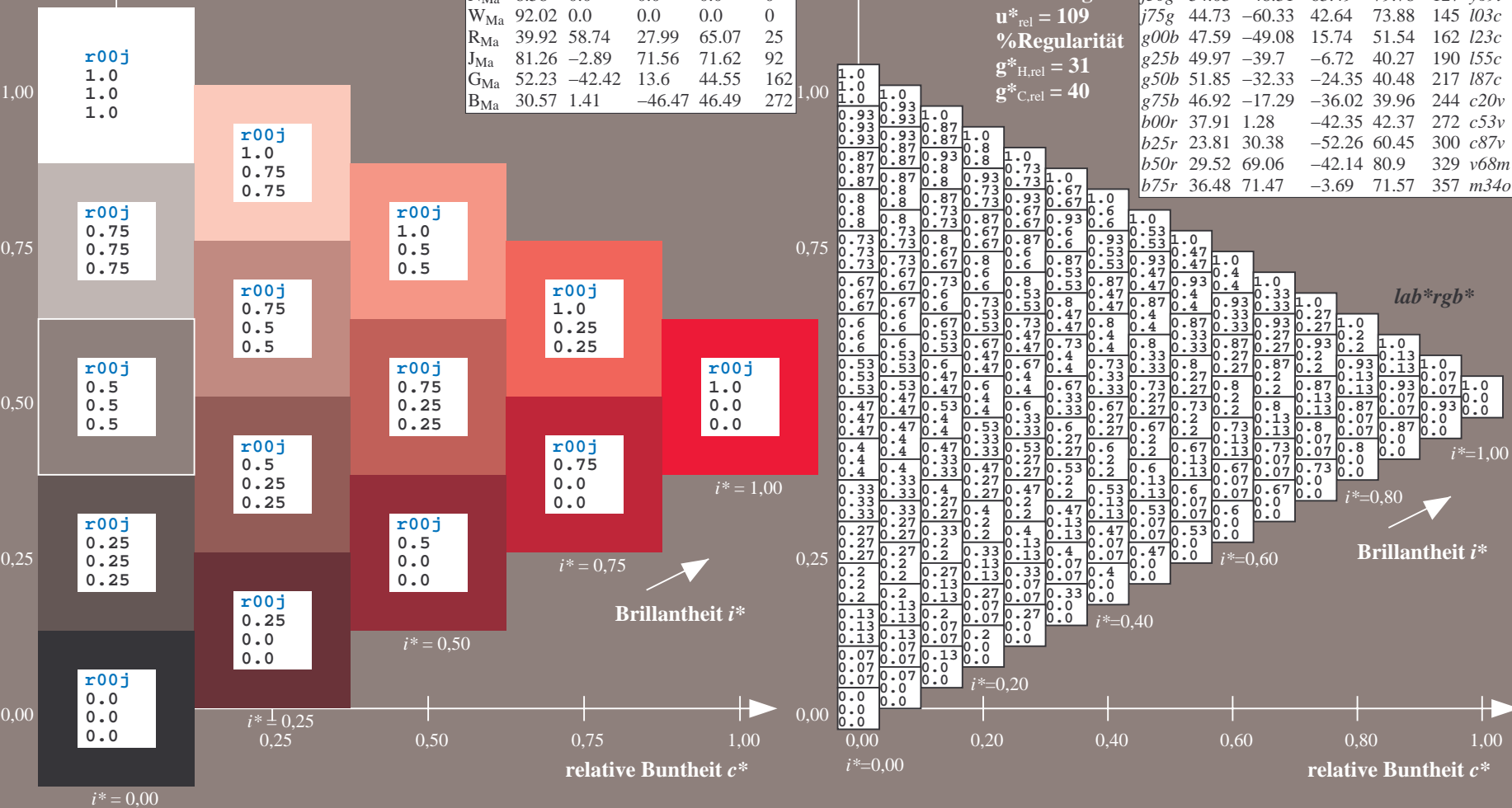
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	$u^*_e$	$u^*_d$	$u^*_e$
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  $lab^*icu^*$

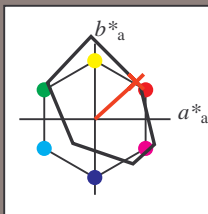
Bunttontexte:

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

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	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  $lab^*icu^*$

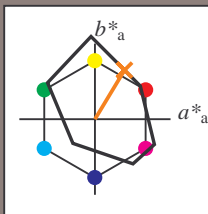
Bunttontexte:

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

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  $lab^*icu^*$

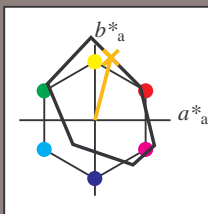
Bunttontexte:

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

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

Daten für jede Farbe:

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

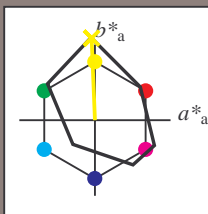
Bunttontexte:

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

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

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

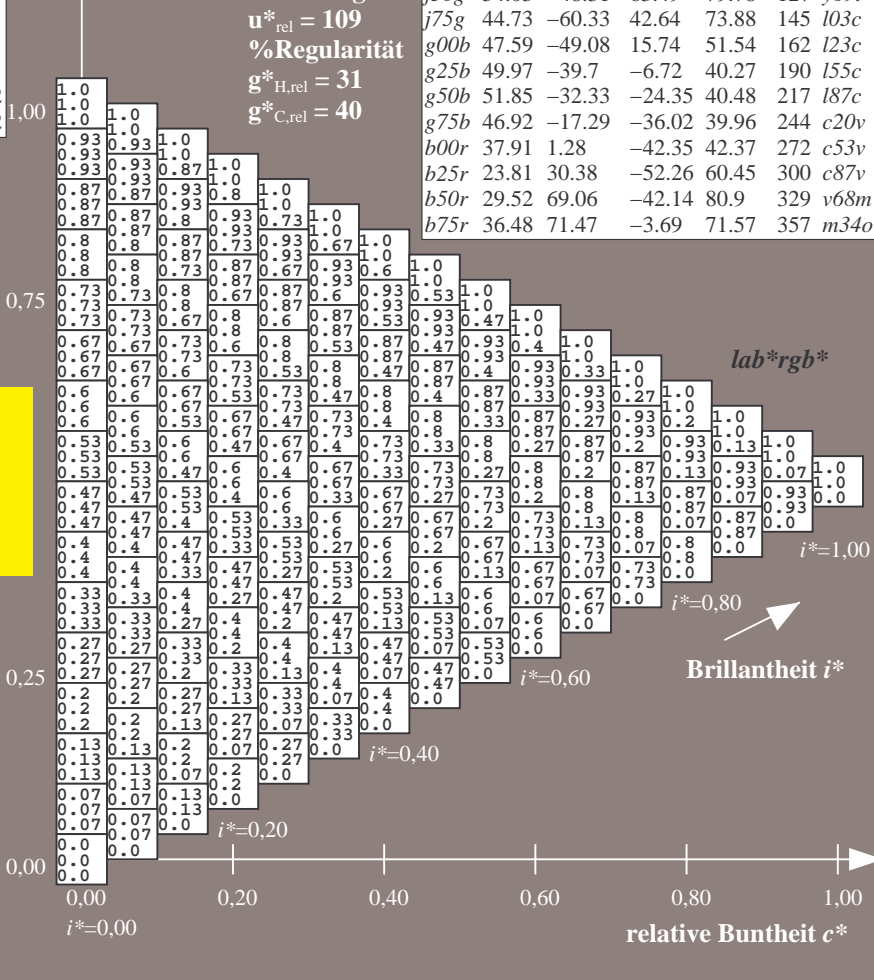
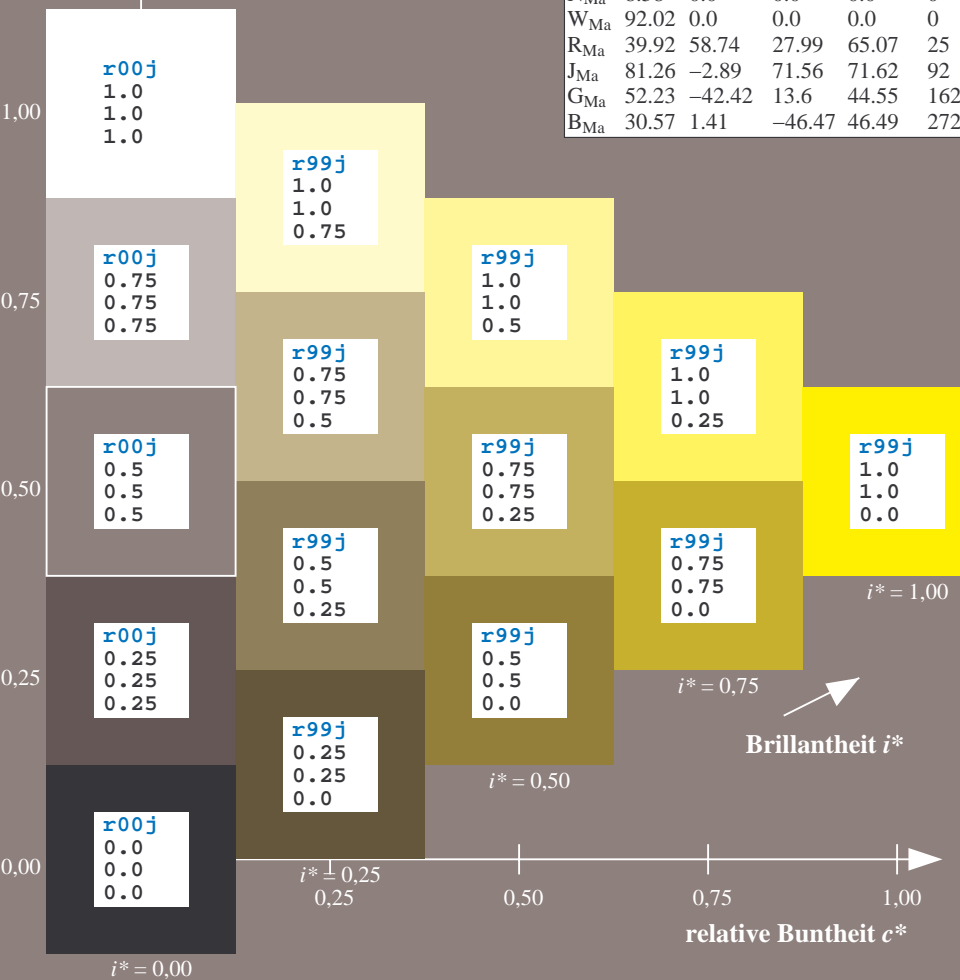
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



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

Daten für jede Farbe:

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

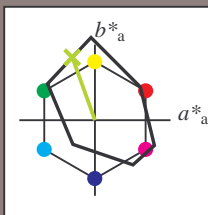
Bunttontexte:

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

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

$lab^*rgb^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

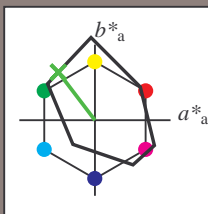
Bunttontexte:

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

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  $i^*$

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  $lab^*icu^*$

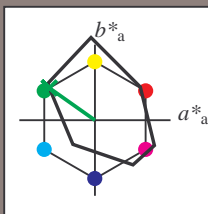
Bunttontexte:

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

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

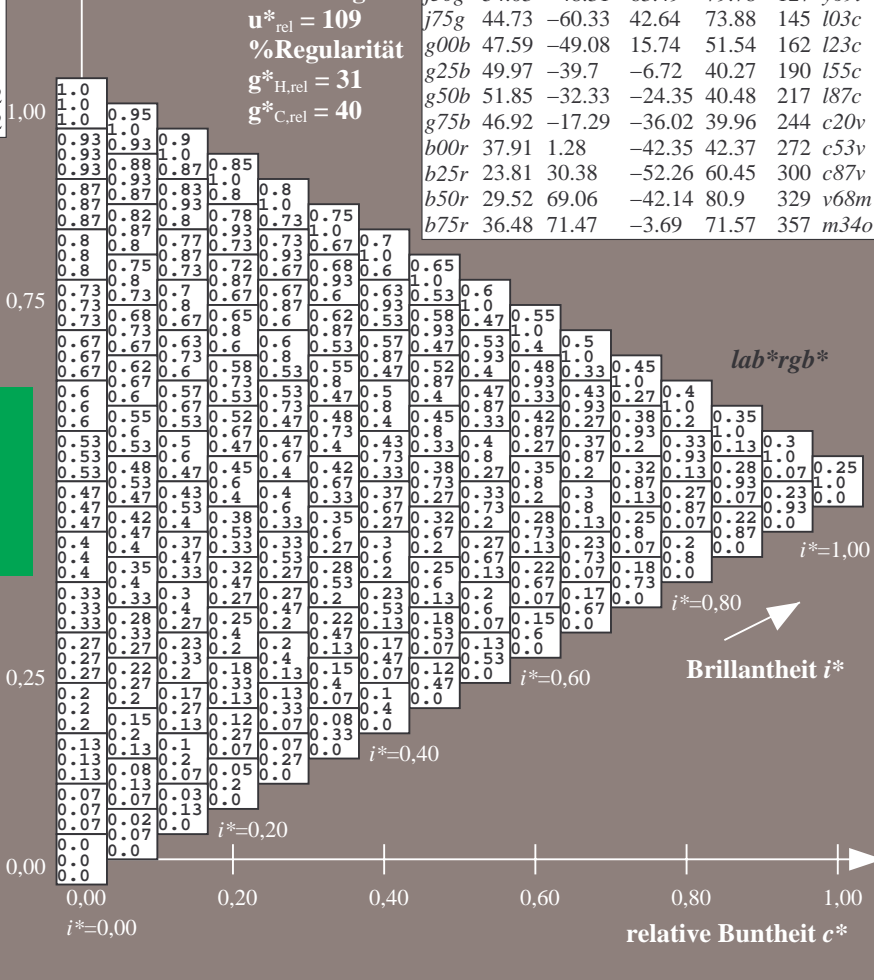
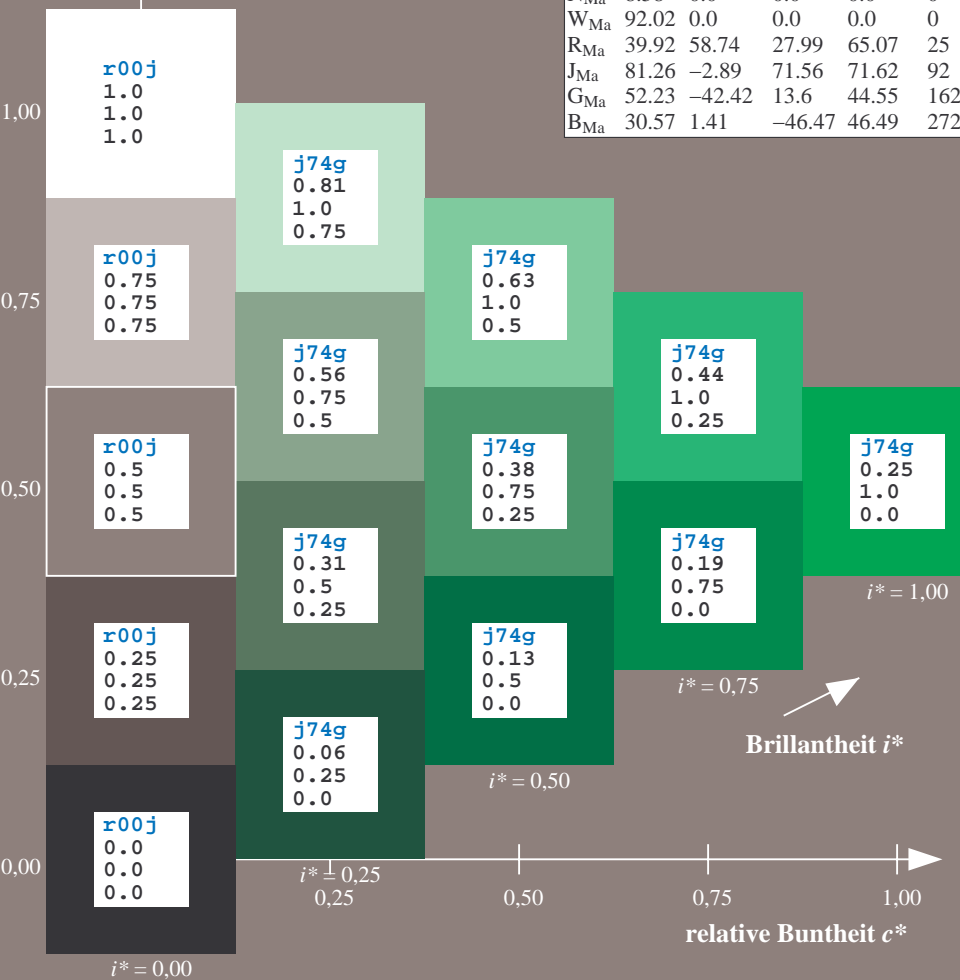
$u^*_{rel} = 109$

%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  $lab^*icu^*$

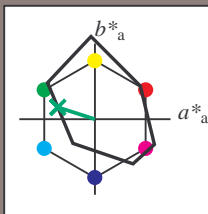
Bunttontexte:

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

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

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
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	42.37	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  $c^*$

$i^* = 0.00$

Ein und Ausgabe: Farbmétrisches 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\**

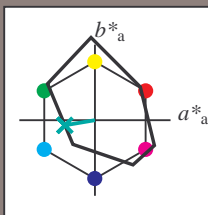
### Bunttexte:

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

**Kontrastreduzierungsfaktor:**

 $c_R = 1.0$ 

### 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):

 $LAB*LAB*_{M_0}: 50 \quad -40 \quad -7$ 

LAB\*LAB Ma. 50 -40 -7

**LAB\*LCH\*Ma: 50 40 1**

*lab\*rgb*<sub>Ma</sub>: 0.0 1.0 0.5

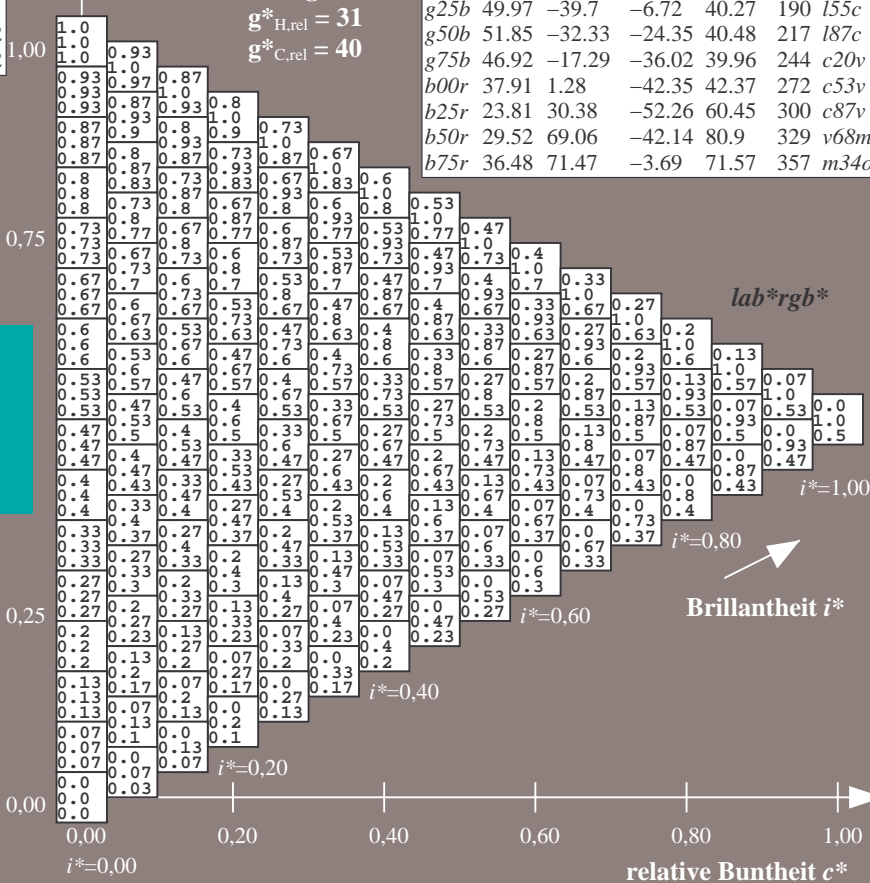
*lab\*olv\**Ma: 0.0 1.0 0.55

### Dreiecks-Helligkeit $t^*$

## %Umfang

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

### %Regularität

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


*lab\*rgb\**

## Brillantheit $i^*$

BAM-Prüfvorlage Eg10; Farbmatrik-Systeme, Seite 137/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->cmY0\*setcmykcolor

BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/EgI0>; [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, ColSpx=0

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  $lab^*icu^*$

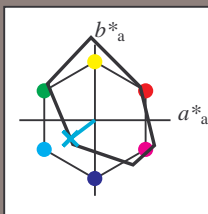
Bunttontexte:

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

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	

$lab^*rgb^*$

$i^* = 1.00$

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

Daten für jede Farbe:

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

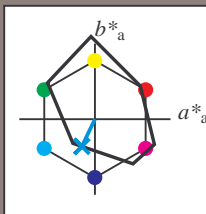
Bunttontexte:

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

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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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:

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

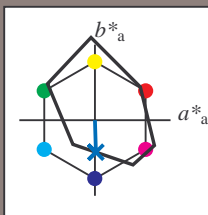
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
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):

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

$lab^*rgb^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

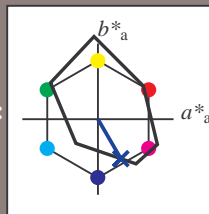
Bunttontexte:

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

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  $lab^*icu^*$

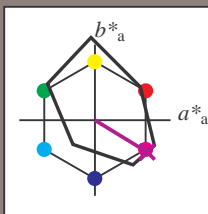
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



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

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

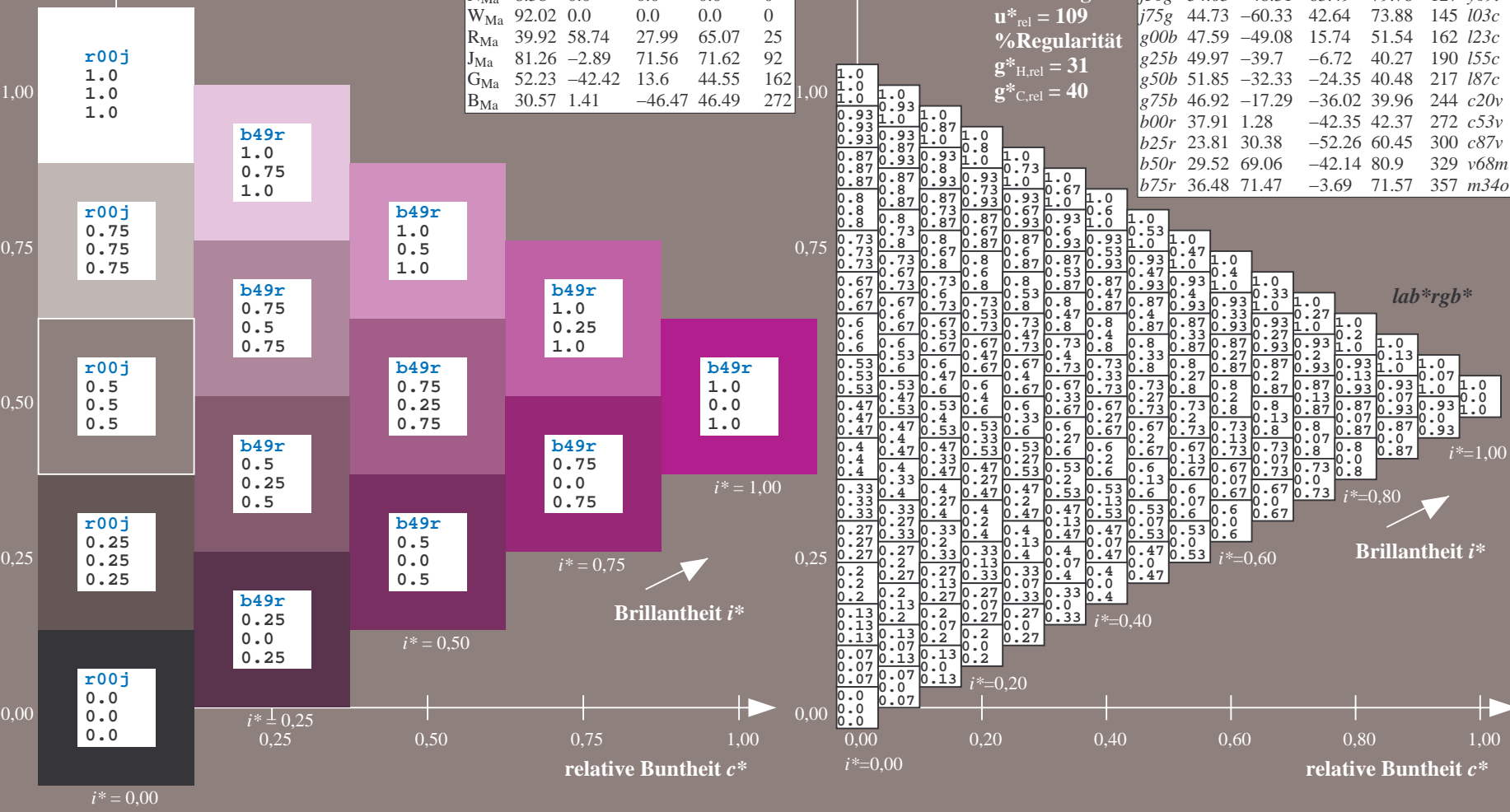
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





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

Daten für jede Farbe:

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

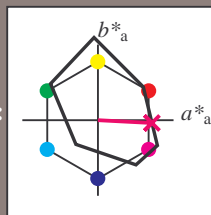
Bunttontexte:

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

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

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

r00j

1.0

1.0

1.0

r00j

0.75

0.75

0.75

r00j

0.5

0.5

0.5

r00j

0.25

0.25

0.25

r00j

0.0

0.0

0.0

b75r

1.0

0.75

0.87

b75r

0.75

0.5

0.62

b75r

0.5

0.25

0.37

b75r

0.25

0.0

0.12

b75r

1.0

0.5

0.75

b75r

0.75

0.25

0.5

b75r

0.5

0.25

0.37

b75r

1.0

0.25

0.62

b75r

0.75

0.0

0.37

b75r

1.0

0.0

0.5

b75r

0.75

0.0

0.5

BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/ TXT BAM-Material: Code=rha4ta



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

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

Elementar-Bunttontext:

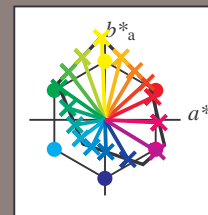
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

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

$u^*_{rel} = 109$

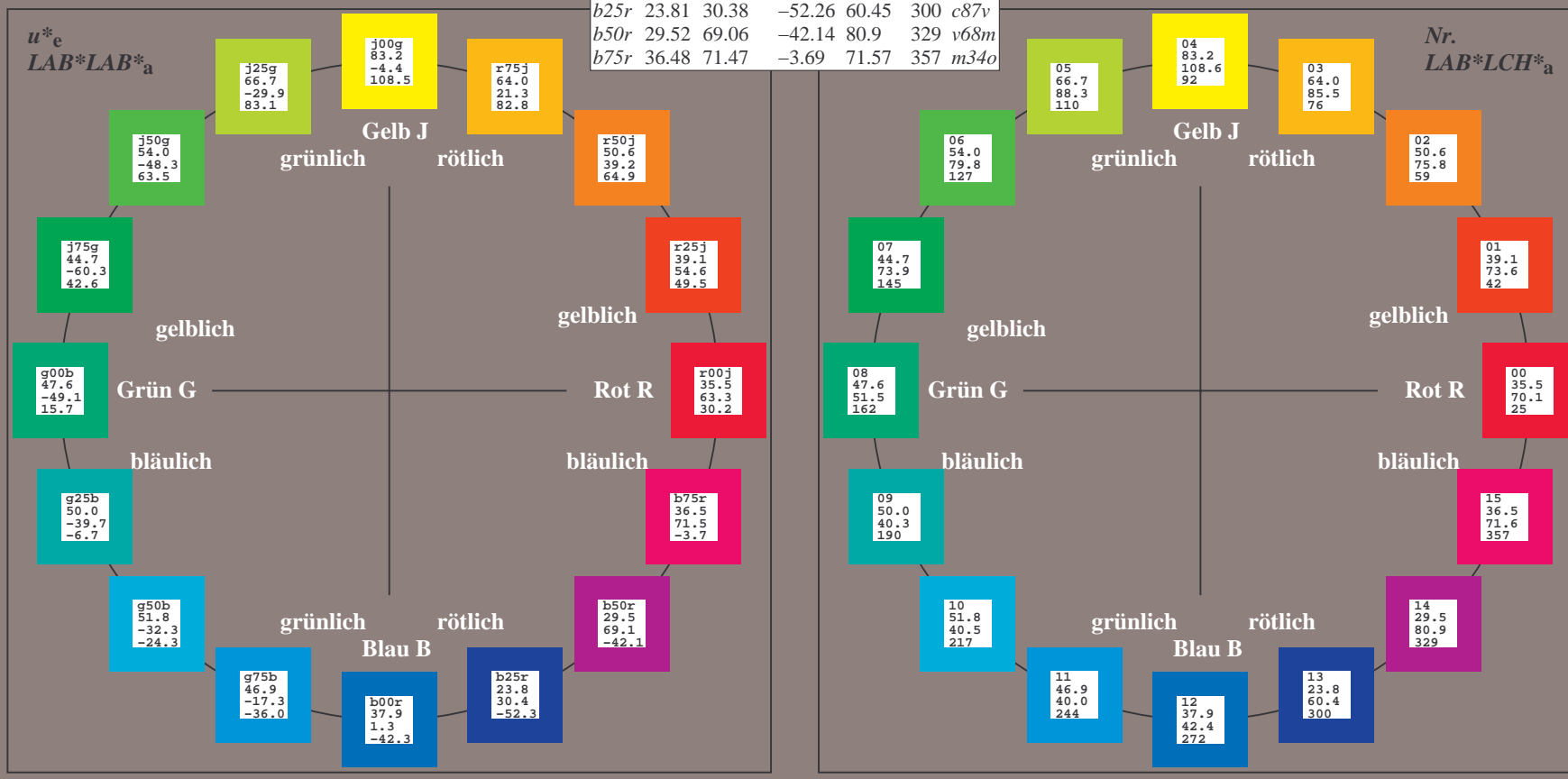
%Regularität

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

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

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: 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  $lab^*icu^*$

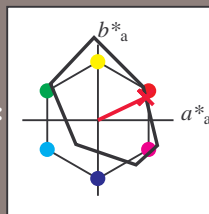
Bunttontexte:

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

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
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):

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

$LAB^*LAB^*_{a}$

$i^* = 1.00$

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:

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

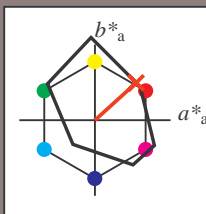
Bunttontexte:

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

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	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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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  $lab^*icu^*$

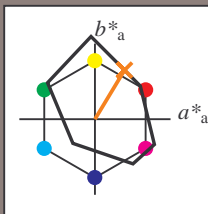
Bunttontexte:

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

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	
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

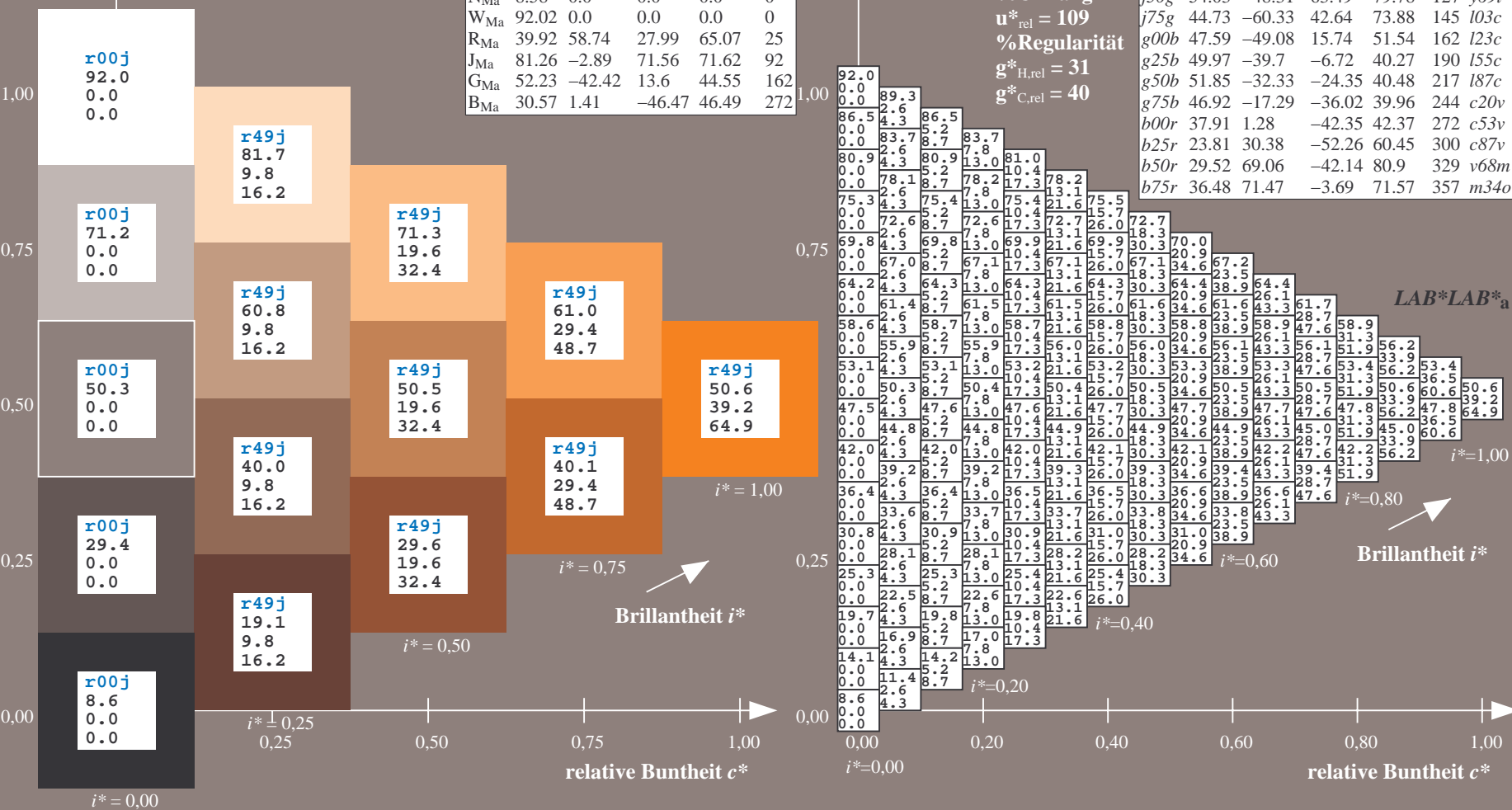
$u^*_{rel} = 109$

%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	





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  $lab^*icu^*$

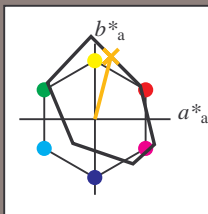
Bunttontexte:

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

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	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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

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  $lab^*icu^*$

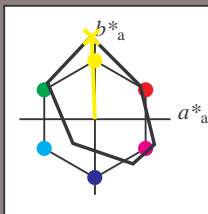
Bunttontexte:

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

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	

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

$i^* = 1.00$

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  $lab^*icu^*$

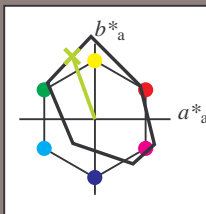
Bunttontexte:

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

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

$u^*_{rel} = 109$

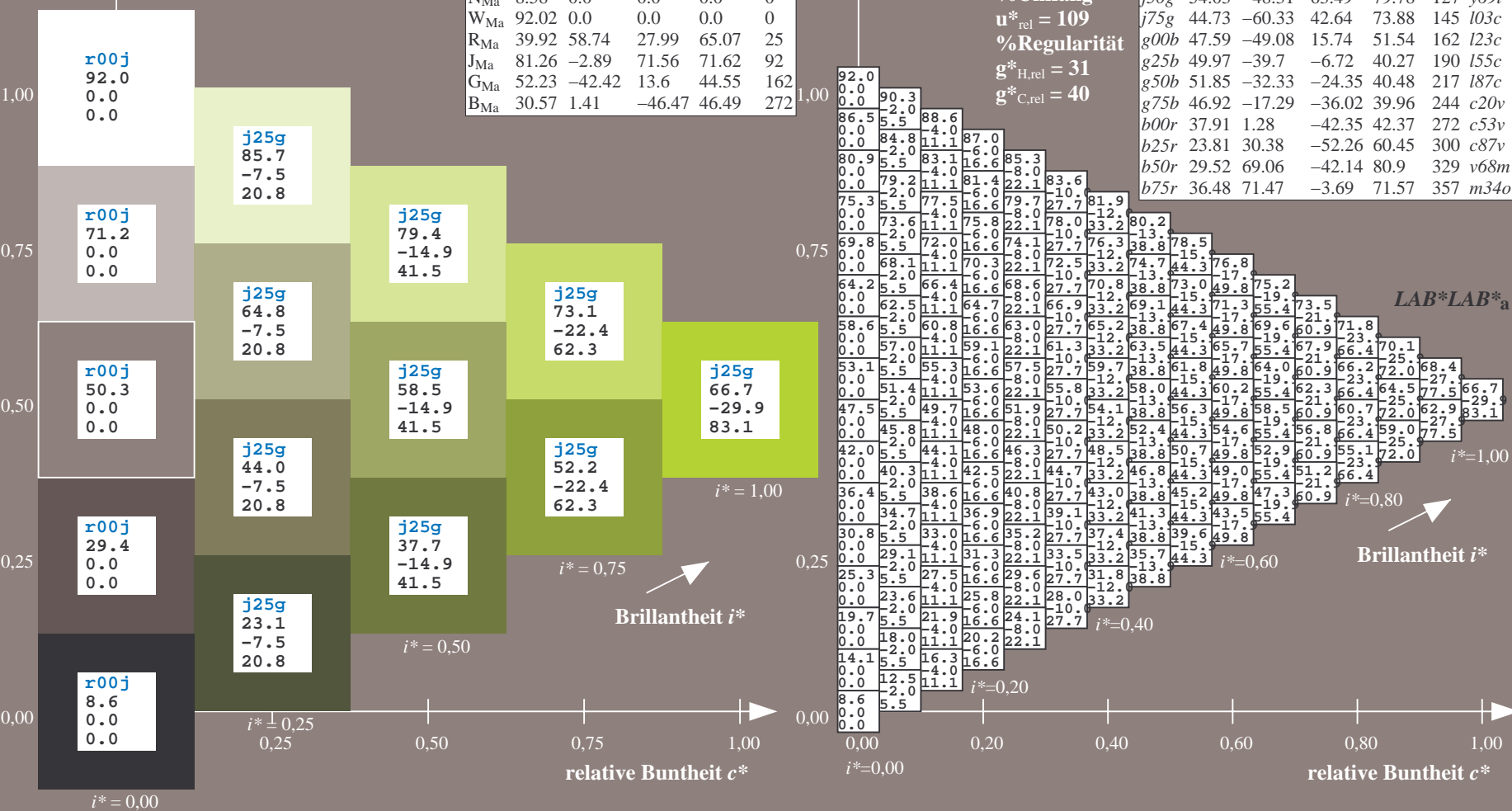
%Regularität

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

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

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	



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  $lab^*icu^*$

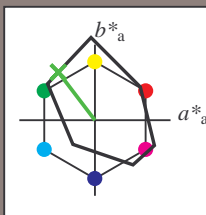
Bunttontexte:

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

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

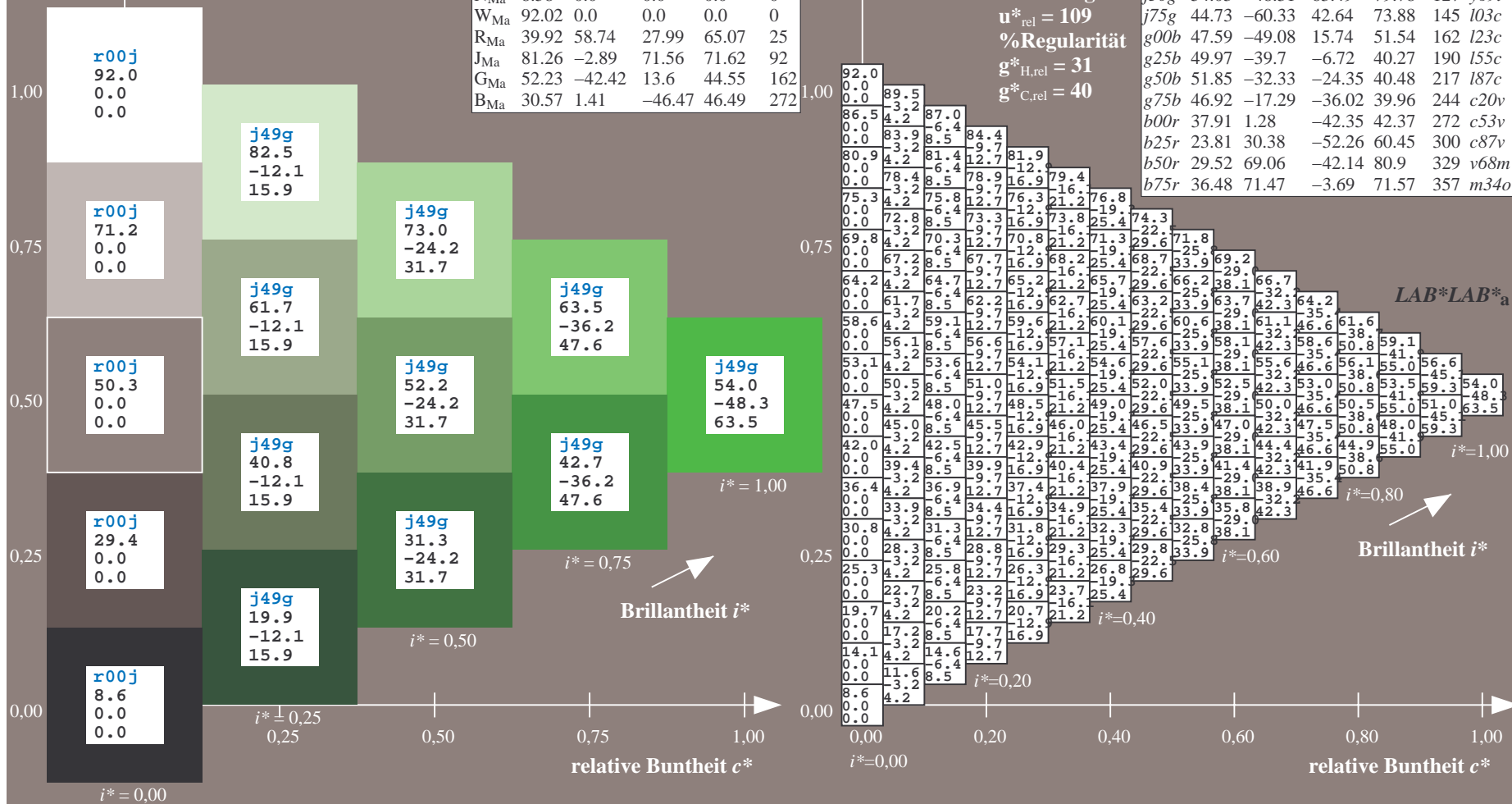
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	$u^*_i$	
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:

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

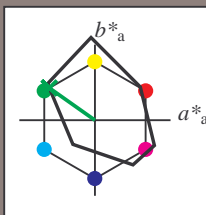
Bunttontexte:

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

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

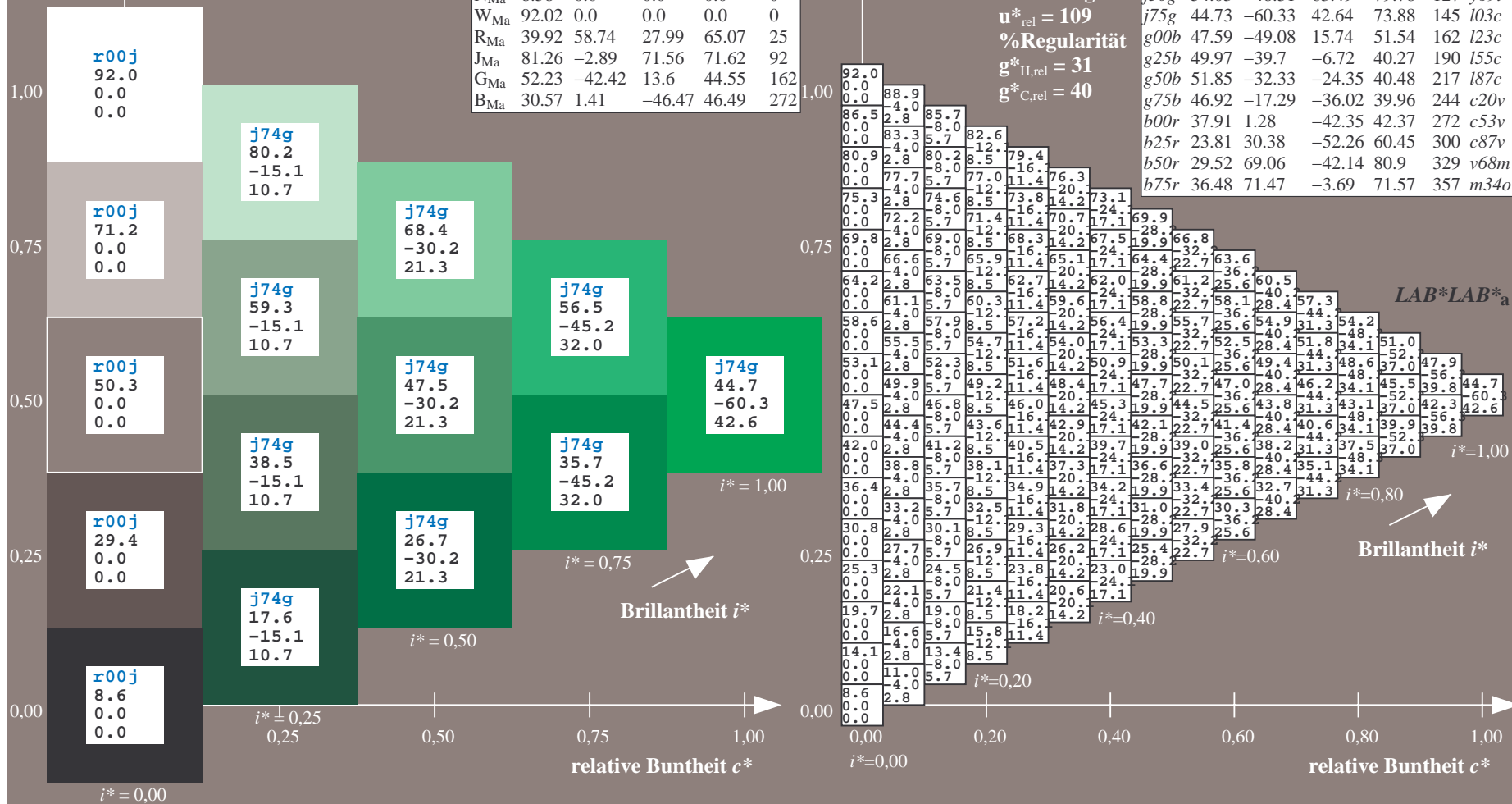
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	$u^*_i$	
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  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

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

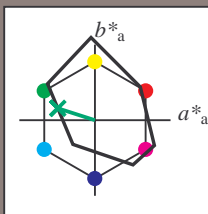
Bunttontexte:

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

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

$LAB^*LAB^*_{a}$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

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  $lab^*icu^*$

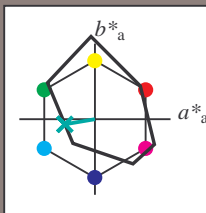
Bunttontexte:

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

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

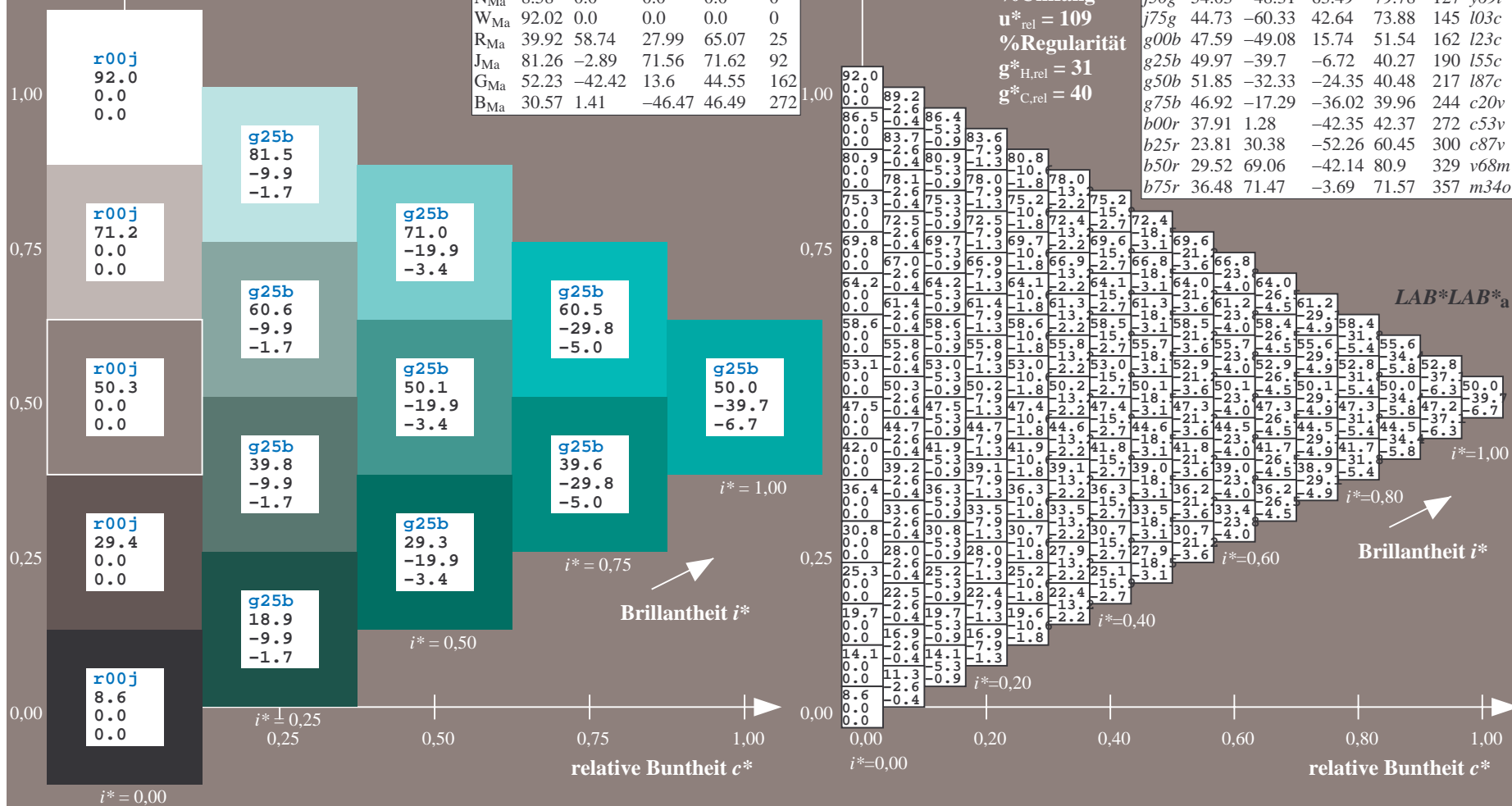
$g^*_{H,rel} = 31$

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

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	

$u^*_e = g25b$   
 $LAB^*LAB^*_a$



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  $lab^*icu^*$

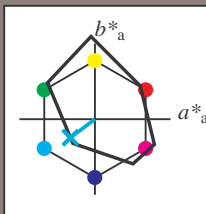
Bunttontexte:

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

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	

$LAB^*LAB^*_{a}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



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:

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

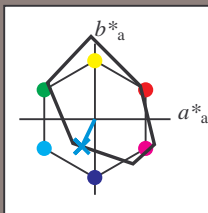
Bunttontexte:

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

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	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	

$u^*_e = g75b$   
 $LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

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

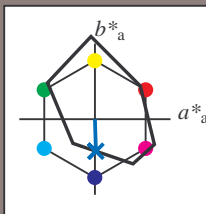
Bunttontexte:

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

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

$u^*_e = b00r$   
 $LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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  $lab^*icu^*$

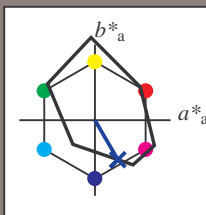
Bunttontexte:

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

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

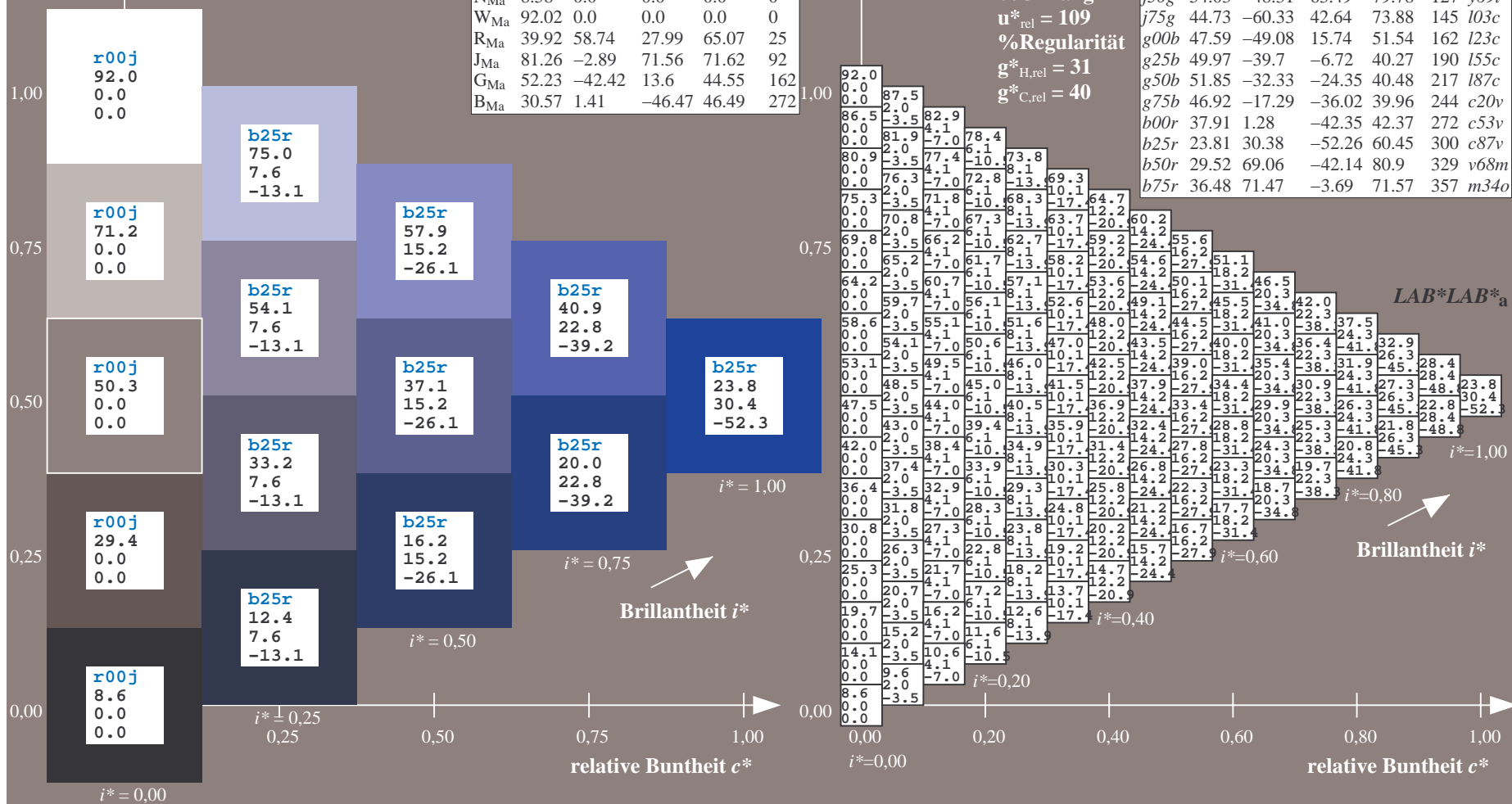
$g^*_{H,rel} = 31$

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

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	

$u^*_e = b25r$   
 $LAB^*LAB^*_a$



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

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

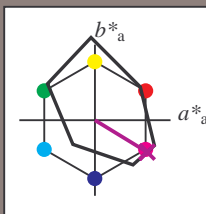
Bunttontexte:

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

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):

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

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

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

$\text{lab}^*\text{olv}^*_{Ma}$ : 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

$u^*_e = b50r$   
 $\text{LAB}^*\text{LAB}^*_{Ma}$

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

$i^* = 1.00$

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  $lab^*icu^*$

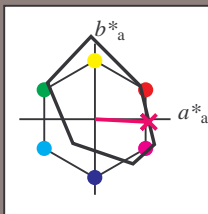
Bunttontexte:

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

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	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

$LAB^*LAB^*_{a}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



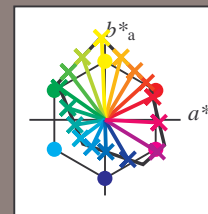
Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [www.ps.bam.de/Eg10L/](http://www.ps.bam.de/Eg10L/)  
Technische Information: <http://www.ps.bam.de/Version 2.1, io=1,1, Col5px=0>

	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	9.0	13.4	17.8	22.2	26.6	31.0	35.4	39.8	44.2	48.6	53.0	57.4	61.8	66.2	70.6	75.0	79.4	83.8	88.2	92.6	97.0	101.4	105.8	110.2	114.6	119.0	123.4	127.8	132.2	136.6	141.0	145.4	149.8	154.2	158.6	163.0	167.4	171.8	176.2	180.6
03	9.4	13.8	23.2	27.6	32.0	36.4	40.8	45.2	49.6	54.0	58.4	62.8	67.2	71.6	76.0	80.4	84.8	89.2	93.6	98.0	102.4	106.8	111.2	115.6	120.0	124.4	128.8	133.2	137.6	142.0	146.4	150.8	155.2	159.6	164.0	168.4	172.8	177.2	181.6	
04	9.8	14.2	18.6	23.0	27.4	31.8	36.2	40.6	45.0	49.4	53.8	58.2	62.6	67.0	71.4	75.8	80.2	84.6	89.0	93.4	97.8	102.2	106.6	111.0	115.4	119.8	124.2	128.6	133.0	137.4	141.8	146.2	150.6	155.0	159.4	163.8	168.2	172.6	177.0	181.4
05	10.2	14.6	19.0	23.4	27.8	32.2	36.6	41.0	45.4	49.8	54.2	58.6	63.0	67.4	71.8	76.2	80.6	85.0	89.4	93.8	98.2	102.6	107.0	111.4	115.8	120.2	124.6	129.0	133.4	137.8	142.2	146.6	151.0	155.4	159.8	164.2	168.6	173.0	177.4	181.8
06	10.6	15.0	19.4	23.8	28.2	32.6	37.0	41.4	45.8	50.2	54.6	59.0	63.4	67.8	72.2	76.6	81.0	85.4	89.8	94.2	98.6	103.0	107.4	111.8	116.2	120.6	125.0	129.4	133.8	138.2	142.6	147.0	151.4	155.8	160.2	164.6	169.0	173.4	177.8	182.2
07	11.0	15.4	19.8	24.2	28.6	33.0	37.4	41.8	46.2	50.6	55.0	59.4	63.8	68.2	72.6	77.0	81.4	85.8	90.2	94.6	99.0	103.4	107.8	112.2	116.6	121.0	125.4	129.8	134.2	138.6	143.0	147.4	151.8	156.2	160.6	165.0	169.4	173.8	178.2	182.6
08	11.4	15.8	20.2	24.6	29.0	33.4	37.8	42.2	46.6	51.0	55.4	59.8	64.2	68.6	73.0	77.4	81.8	86.2	90.6	95.0	99.4	103.8	108.2	112.6	117.0	121.4	125.8	130.2	134.6	139.0	143.4	147.8	152.2	156.6	161.0	165.4	169.8	174.2	178.6	183.0
09	11.8	16.2	20.6	25.0	29.4	33.8	38.2	42.6	47.0	51.4	55.8	60.2	64.6	69.0	73.4	77.8	82.2	86.6	91.0	95.4	99.8	104.2	108.6	113.0	117.4	121.8	126.2	130.6	135.0	139.4	143.8	148.2	152.6	157.0	161.4	165.8	170.2	174.6	179.0	183.4
10	12.2	16.6	21.0	25.4	29.8	34.2	38.6	43.0	47.4	51.8	56.2	60.6	65.0	69.4	73.8	78.2	82.6	87.0	91.4	95.8	100.2	104.6	109.0	113.4	117.8	122.2	126.6	131.0	135.4	139.8	144.2	148.6	153.0	157.4	161.8	166.2	170.6	175.0	179.4	183.8
11	12.6	17.0	21.4	25.8	30.2	34.6	39.0	43.4	47.8	52.2	56.6	61.0	65.4	69.8	74.2	78.6	83.0	87.4	91.8	96.2	100.6	105.0	109.4	113.8	118.2	122.6	127.0	131.4	135.8	140.2	144.6	149.0	153.4	157.8	162.2	166.6	171.0	175.4	179.8	184.2
12	13.0	17.4	21.8	26.2	30.6	35.0	39.4	43.8	48.2	52.6	57.0	61.4	65.8	70.2	74.6	79.0	83.4	87.8	92.2	96.6	101.0	105.4	109.8	114.2	118.6	123.0	127.4	131.8	136.2	140.6	145.0	149.4	153.8	158.2	162.6	167.0	171.4	175.8	180.2	
13	13.4	17.8	22.2	26.6	31.0	35.4	39.8	44.2	48.6	53.0	57.4	61.8	66.2	70.6	75.0	79.4	83.8	88.2	92.6	97.0	101.4	105.8	110.2	114.6	119.0	123.4	127.8	132.2	136.6	141.0	145.4	149.8	154.2	158.6	163.0	167.4	171.8	176.2	180.6	
14	13.8	18.2	22.6	27.0	31.4	35.8	40.2	44.6	49.0	53.4	57.8	62.2	66.6	71.0	75.4	79.8	84.2	88.6	93.0	97.4	101.8	106.2	110.6	115.0	119.4	123.8	128.2	132.6	137.0	141.4	145.8	150.2	154.6	159.0	163.4	167.8	172.2	176.6	181.0	
15	14.2	18.6	23.0	27.4	31.8	36.2	40.6	45.0	49.4	53.8	58.2	62.6	67.0	71.4	75.8	80.2	84.6	89.0	93.4	97.8	102.2	106.6	111.0	115.4	119.8	124.2	128.6	133.0	137.4	141.8	146.2	150.6	155.0	159.4	163.8	168.2	172.6	177.0	181.4	
16	14.6	19.0	23.4	27.8	32.2	36.6	41.0	45.4	49.8	54.2	58.6	63.0	67.4	71.8	76.2	80.6	85.0	89.4	93.8	98.2	102.6	107.0	111.4	115.8	120.2	124.6	129.0	133.4	137.8	142.2	146.6	151.0	155.4	159.8	164.2	168.6	173.0	177.4	181.8	
17	15.0	19.4	23.8	28.2	32.6	37.0	41.4	45.8	50.2	54.6	59.0	63.4	67.8	72.2	76.6	81.0	85.4	89.8	94.2	98.6	103.0	107.4	111.8	116.2	120.6	125.0	129.4	133.8	138.2	142.6	147.0	151.4	155.8	160.2	164.6	169.0	173.4	177.8	182.2	
18	15.4	19.8	24.2	28.6	33.0	37.4	41.8	46.2	50.6	55.0	59.4	63.8	68.2	72.6	77.0	81.4	85.8	90.2	94.6	99.0	103.4	107.8	112.2	116.6	121.0	125.4	129.8	134.2	138.6	143.0	147.4	151.8	156.2	160.6	165.0	169.4	173.8	178.2	182.6	
19	15.8	20.2	24.6	29.0	33.4	37.8	42.2	46.6	51.0	55.4	59.8	64.2	68.6	73.0	77.4	81.8	86.2	90.6	95.0	99.4	103.8	108.2	112.6	117.0	121.4	125.8	130.2	134.6	139.0	143.4	147.8	152.2	156.6	161.0	165.4	169.8	174.2	178.6	183.0	
20	16.2	20.6	25.0	29.4	33.8	38.2	42.6	47.0	51.4	55.8	60.2	64.6	69.0	73.4	77.8	82.2	86.6	91.0	95.4	99.8	104.2	108.6	113.0	117.4	121.8	126.2	130.6	135.0	139.4	143.8	148.2	152.6	157.0	161.4	165.8	170.2	174.6	179.0	183.4	
21	16.6	21.0	25.4	29.8	34.2	38.6	43.0	47.4	51.8	56.2	60.6	65.0	69.4	73.8	78.2	82.6	87.0	91.4	95.8	100.2	104.6	109.0	113.4	117.8	122.2	126.6	131.0	135.4	139.8	144.2	148.6	153.0	157.4	161.8	166.2	170.6	175.0	179.4	183.8	
22	17.0	21.4	25.8	30.2	34.6	39.0	43.4	47.8	52.2	56.6	61.0	65.4	69.8	74.2	78.6	83.0	87.4	91.8	96.2	100.6	105.0	109.4	113.8	118.2	122.6	127.0	131.4	135.8	140.2	144.6	149.0	153.4	157.8	162.2	166.6	171.0	175.4	179.8	184.2	
23	17.4	21.8	26.2	30.6	35.0	39.4	43.8	48.2	52.6	57.0	61.4	65.8	70.2	74.6	79.0	83.4	87.8	92.2	96.6	101.0	105.4	109.8	114.2	118.6	123.0	127.4	131.8	136.2	140.6	145.0	149.4	153.8	158.2	162.6	167.0	171.4	175.8	180.2		
24	17.8	22.2	26.6	31.0	35.4	39.8	44.2	48.6	53.0	57.4	61.8	66.2	70.6	75.0	79.4	83.8	88.2	92.6	97.0	101.4	105.8	110.2	114.6	119.0	123.4	127.8	132.2	136.6	141.0	145.4	149.8	154.2	158.6	163.0	167.4	171.8	176.2	180.6		
25	18.2	22.6	27.0	31.4	35.8	40.2	44.6	49.0	53.4	57.8	62.2	66.6	71.0	75.4	79.8	84.2	88.6	93.0	97.4	101.8	106.2	110.6	115.0	119.4	123.8	128.2	132.6	137.0	141.4	145.8	150.2	154.6	159.0	163.4	167.8	172.2	176.6	181.0		
26	18.6	23.0	27.4	31.8	36.2	40.6	45.0	49.4	53.8	58.2	62.6	67.0	71.4	75.8	80.2	84.6	89.0	93.4	97.8	102.2	106.6	111.0	115.4	119.8	124.2	128.6	133.0	137.4	141.8	146.2	150.6	155.0	159.4	163.8	168.2	172.6	177.0	181.4		
27	19.0	23.4	27.8	32.2	36.6	41.0	45.4	49.8	54.2	58.6	63.0	67.4	71.8	76.2	80.6	85.0	89.4	93.8	98.2	102.6	107.0	111.4	115.8	120.2	124.6	129.0	133.4	137.8	142.2	146.6	151.0	155.4	159.8	164.2	168.6	173.0	177.4	181.8		
28	19.4	23.8	28.2	32.6	37.0	41.4	45.8	50.2	54.6	59.0	63.4	67.8	72.2	76.6	81.0	85.4	89.8	94.2	98.6	103.0	107.4	111.8	116.2	120.6	125.0	129.4	133.8	138.2	142.6	147.0	151.4	155.8	160.2	164.6	169.0	173.4	177.8	182.2		
29	19.8	24.2	28.6	33.0	37.4	41.8	46.2	50.6	55.0	59.4	63.8	68.2	72.6	77.0	81.4	85.8	90.2	94.6	99.0	103.4	107.8	112.2	116.6	121.0	125.4	129.8	134.2	138.6	143.0	147.4	151.8	156.2	160.6	165.0	169.4	173.8	178.2	182.6		
30	20.2	24.6	29.0	33.4	37.8	42.2	46.6	51.0	55.4	59.8	64.2	68.6	73.0	77.4	81.8	86.2	90.6	95.0	99.4	103.8	108.2	112.6	117.0	121.4	125.8	130.2	134.6	139.0	143.4	147.8	152.2	156.6	161.0	16						

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

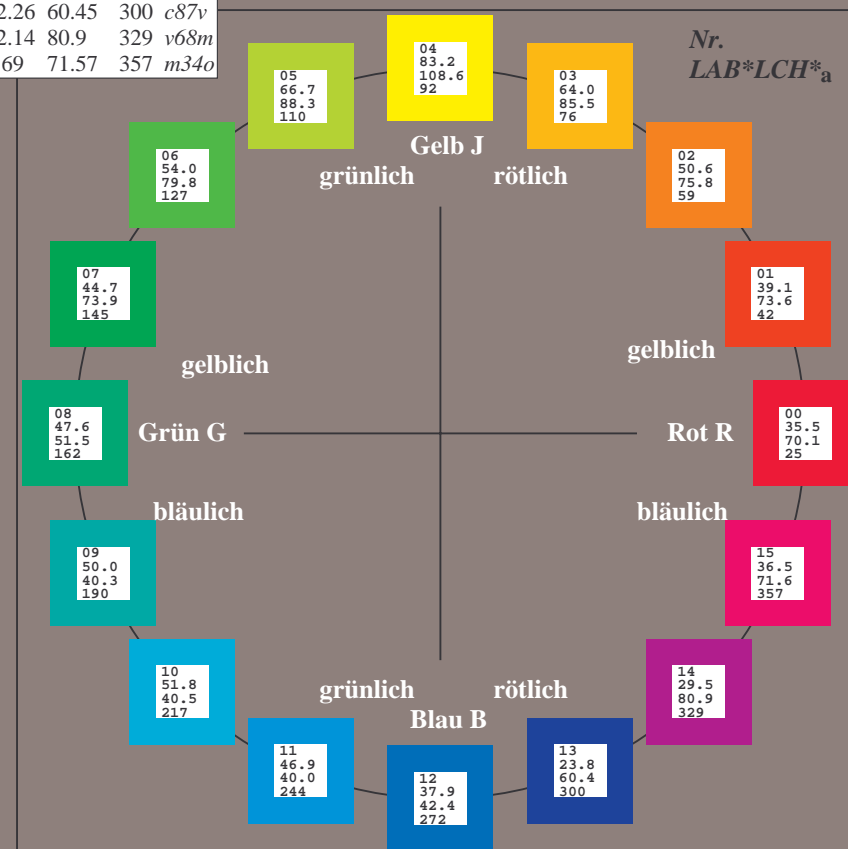
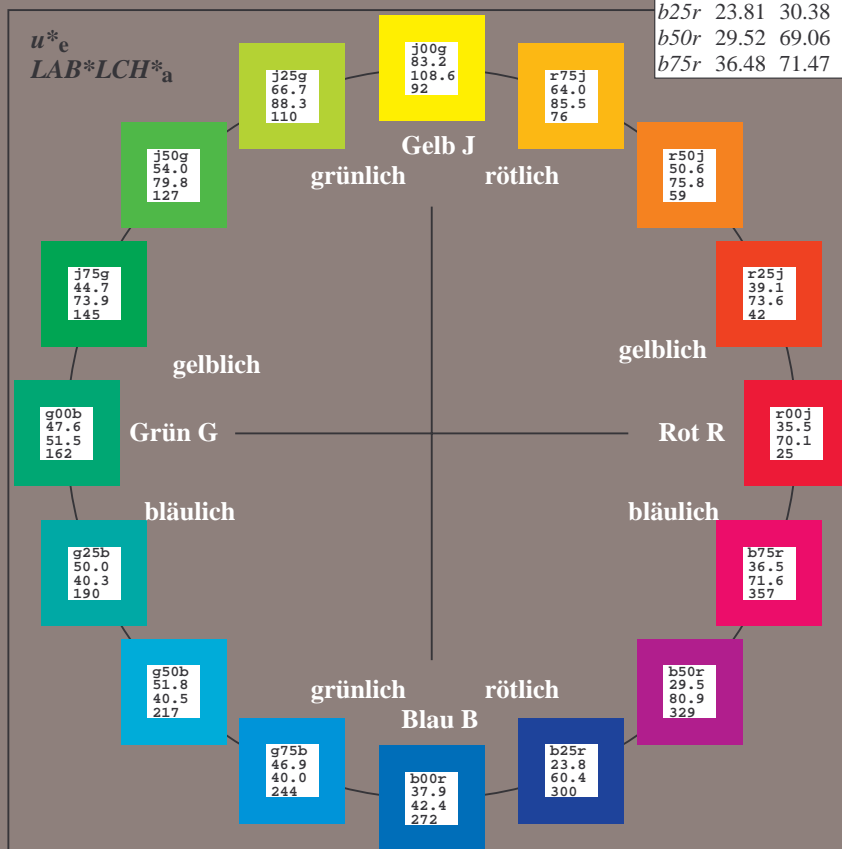
$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

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  $lab^*icu^*$

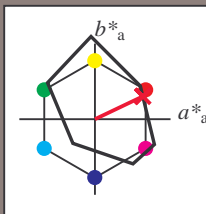
Bunttontexte:

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

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	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  $i^*$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

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  $lab^*icu^*$

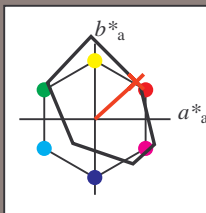
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



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	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	

$u^*_e = r25j$   
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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  $lab^*icu^*$

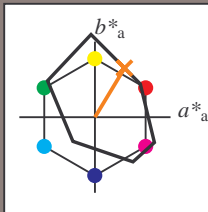
Bunttontexte:

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

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	

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

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

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

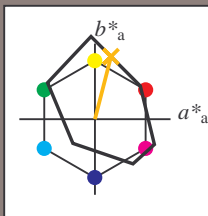
Bunttontexte:

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

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		

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

$i^* = 1.00$

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:

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

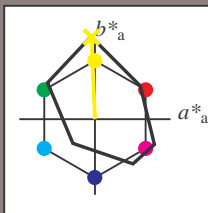
Bunttontexte:

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

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	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  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

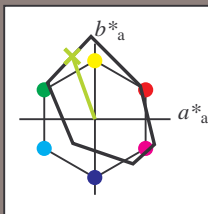
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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):

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

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

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

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

Dreiecks-Helligkeit  $i^*$

%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

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

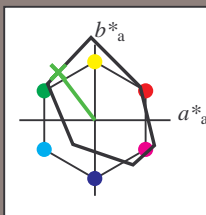
Bunttontexte:

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

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

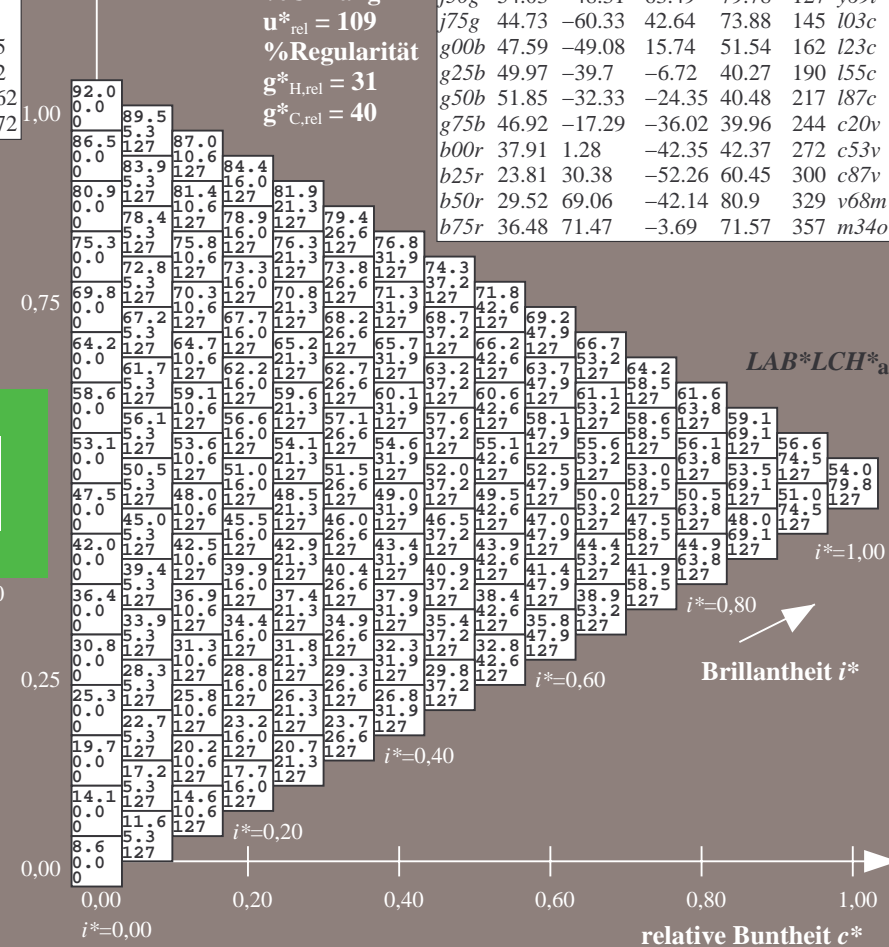
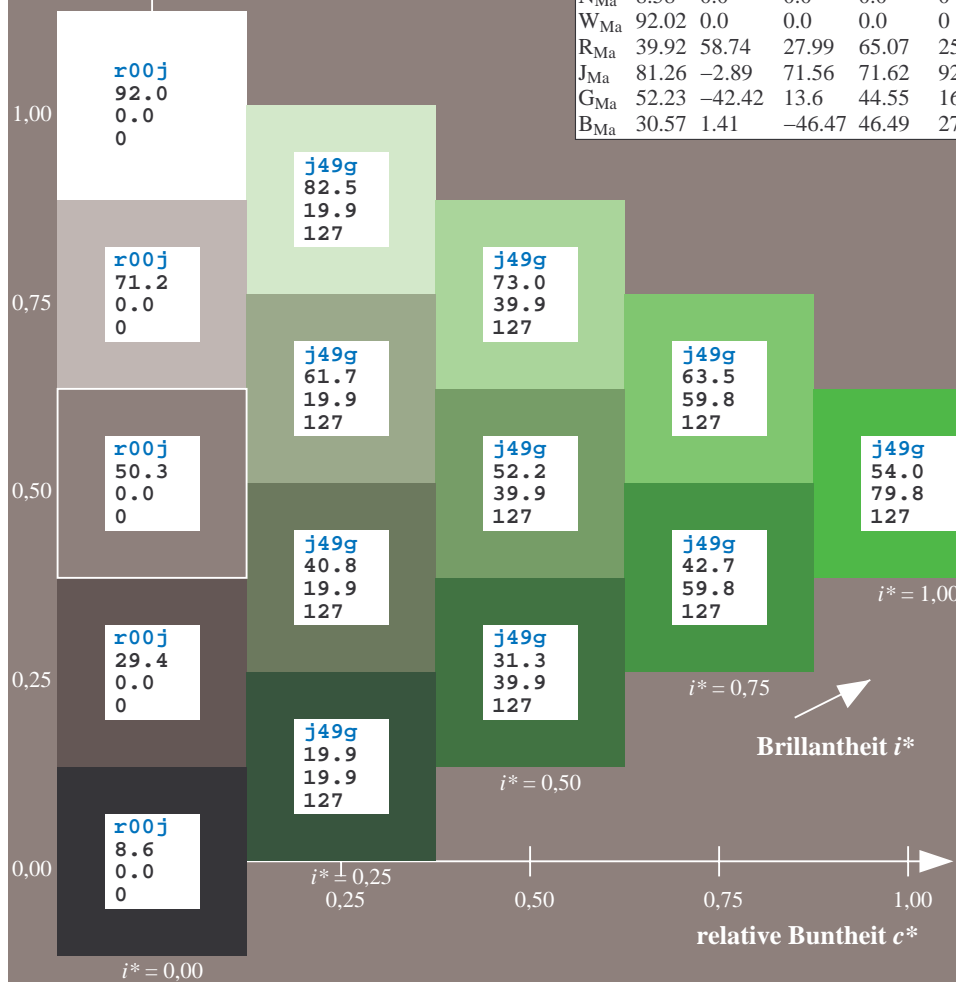
$u^*_{rel} = 109$

%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:

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

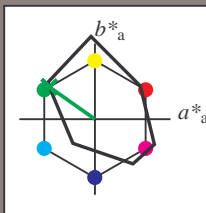
Bunttontexte:

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

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

$u^*_e = j75g$   
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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  $lab^*icu^*$

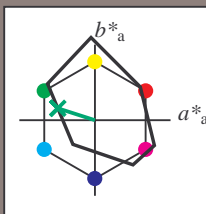
Bunttontexte:

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

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	
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):

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

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

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

Daten für jede Farbe:

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

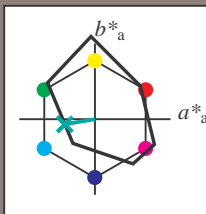
Bunttontexte:

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

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:

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

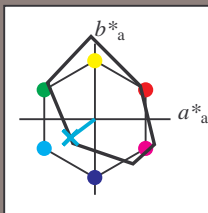
Bunttontexte:

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

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	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	

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

$i^* = 1.00$

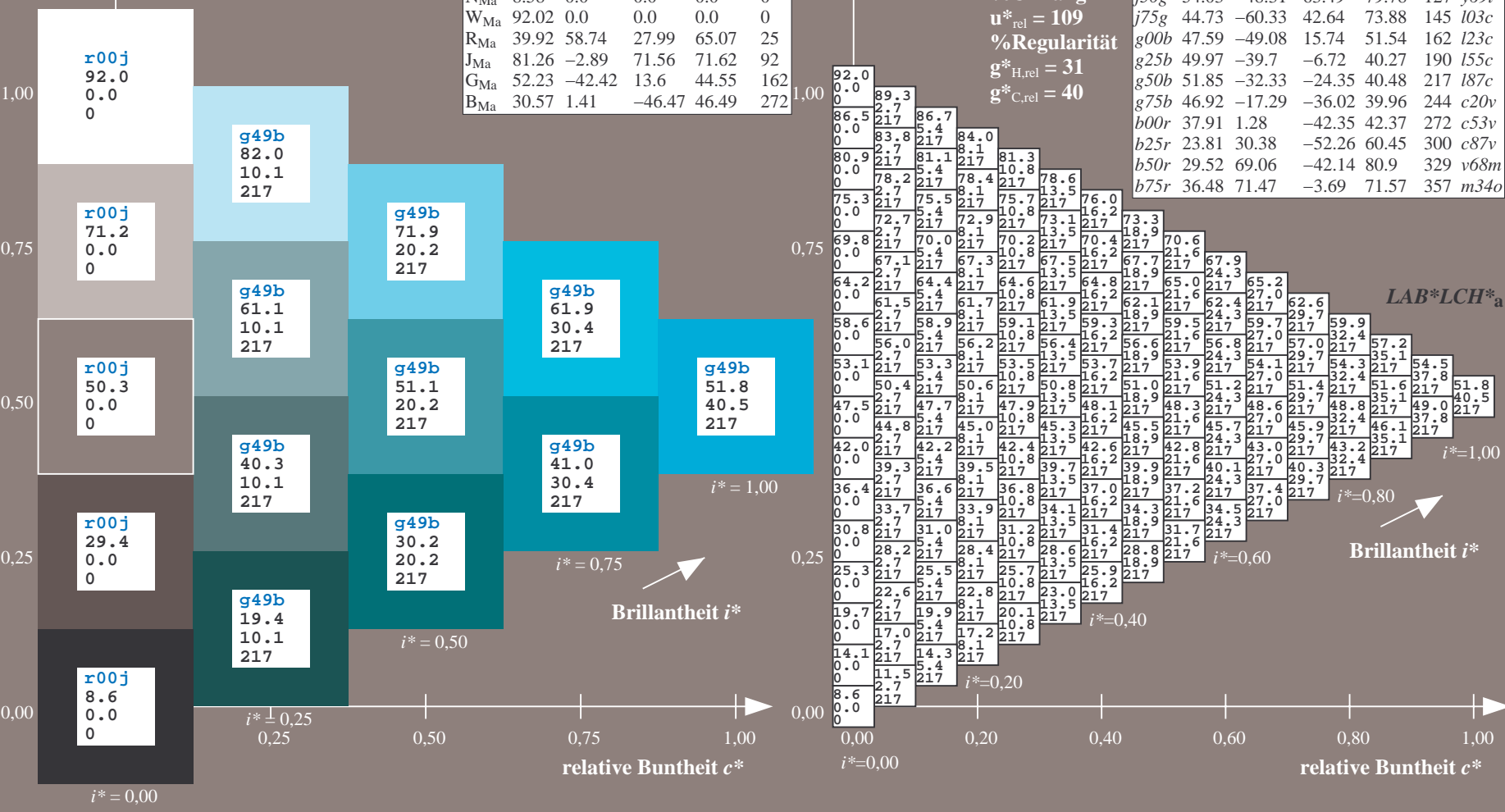
Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$



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  $lab^*icu^*$

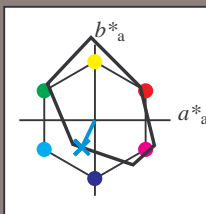
Bunttontexte:

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

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	

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

$i^*=1.00$

Brillantheit  $i^*$

relative Buntheit  $c^*$



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

Daten für jede Farbe:

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

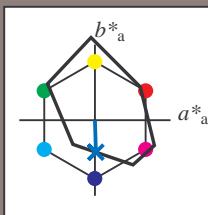
Bunttontexte:

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

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):

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

%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	

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

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

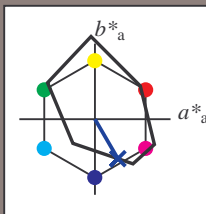
Bunttontexte:

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

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	

$u^*_e = b25r$   
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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  $lab^*icu^*$

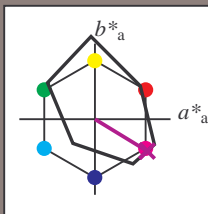
Bunttontexte:

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

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

$u^*_e = b50r$   
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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  $lab^*icu^*$

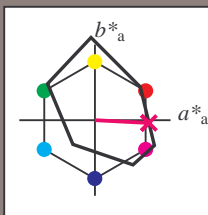
Bunttontexte:

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

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

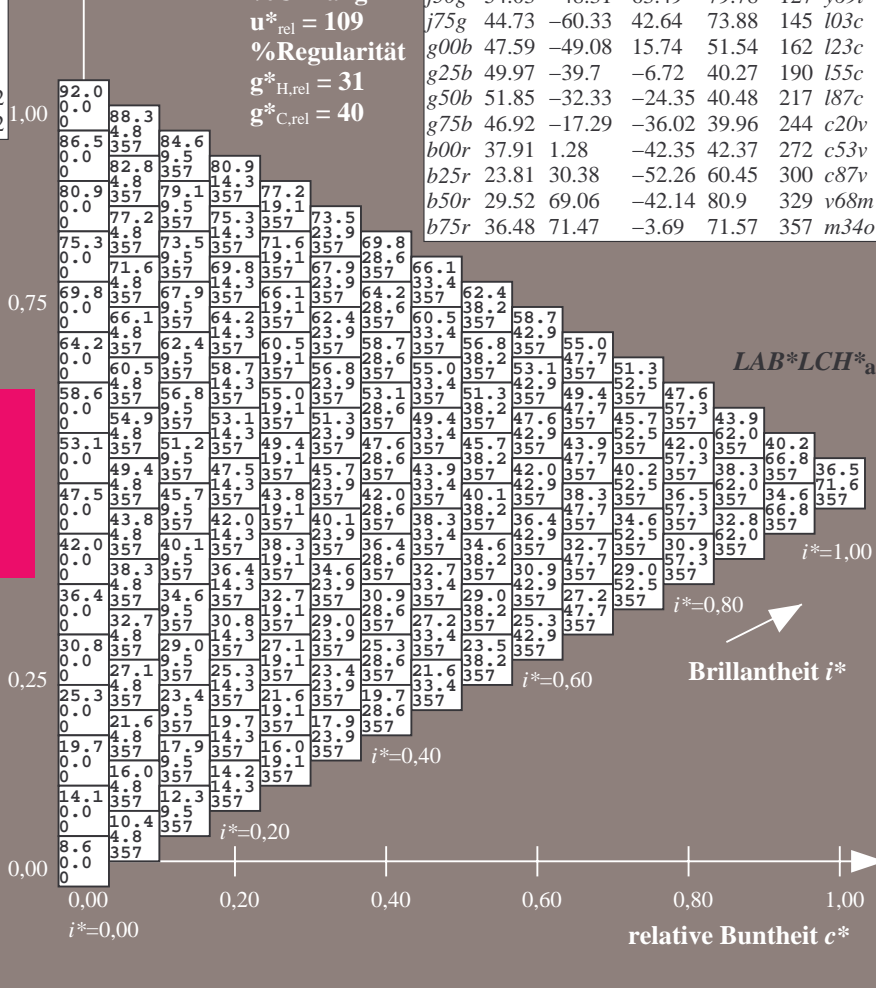
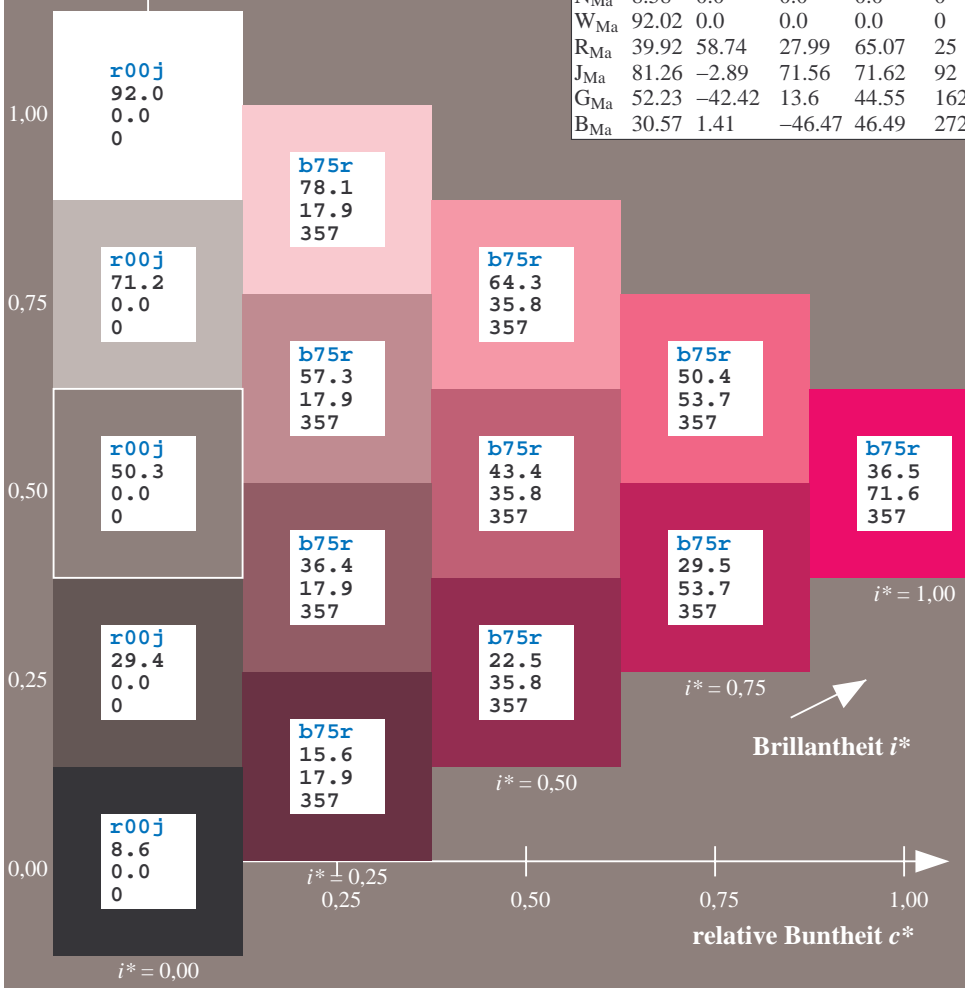
$u^*_{rel} = 109$

%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	





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; <http://www.ps.bam.de/Eg10L/>  
Technische Information: <http://www.ps.bam.de/Version2.1,io=1.1,ColSp=0>

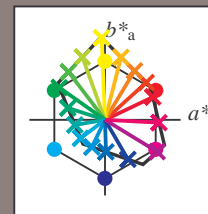
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LCH*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
01	8.6	13.0	17.5	21.9	26.4	30.8	35.2	39.7	44.1	1.1	1.9	1.8	2.1	2.6	3.0	3.4	3.8	4.3	4.7	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.8	9.2	9.6	10.0	10.4	10.8	11.2	11.6	12.0	12.4	12.8	13.2	13.6	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2	19.6	20.0	20.4	20.8	21.2	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.4	26.8	27.2	27.6	28.0	28.4	28.8	29.2	29.6	30.0	30.4	30.8	31.2	31.6	32.0	32.4	32.8	33.2	33.6	34.0	34.4	34.8	35.2	35.6	36.0	36.4	36.8	37.2	37.6	38.0	38.4	38.8	39.2	39.6	40.0	40.4	40.8	41.2	41.6	42.0	42.4	42.8	43.2	43.6	44.0	44.4	44.8	45.2	45.6	46.0	46.4	46.8	47.2	47.6	48.0	48.4	48.8	49.2	49.6	50.0	50.4	50.8	51.2	51.6	52.0	52.4	52.8	53.2	53.6	54.0	54.4	54.8	55.2	55.6	56.0	56.4	56.8	57.2	57.6	58.0	58.4	58.8	59.2	59.6	60.0	60.4	60.8	61.2	61.6	62.0	62.4	62.8	63.2	63.6	64.0	64.4	64.8	65.2	65.6	66.0	66.4	66.8	67.2	67.6	68.0	68.4	68.8	69.2	69.6	70.0	70.4	70.8	71.2	71.6	72.0	72.4	72.8	73.2	73.6	74.0	74.4	74.8	75.2	75.6	76.0	76.4	76.8	77.2	77.6	78.0	78.4	78.8	79.2	79.6	80.0	80.4	80.8	81.2	81.6	82.0	82.4	82.8	83.2	83.6	84.0	84.4	84.8	85.2	85.6	86.0	86.4	86.8	87.2	87.6	88.0	88.4	88.8	89.2	89.6	90.0	90.4	90.8	91.2	91.6	92.0	92.4	92.8	93.2	93.6	94.0	94.4	94.8	95.2	95.6	96.0	96.4	96.8	97.2	97.6	98.0	98.4	98.8	99.2	99.6	100.0	100.4	100.8	101.2	101.6	102.0	102.4	102.8	103.2	103.6	104.0	104.4	104.8	105.2	105.6	106.0	106.4	106.8	107.2	107.6	108.0	108.4	108.8	109.2	109.6	110.0	110.4	110.8	111.2	111.6	112.0	112.4	112.8	113.2	113.6	114.0	114.4	114.8	115.2	115.6	116.0	116.4	116.8	117.2	117.6	118.0	118.4	118.8	119.2	119.6	120.0	120.4	120.8	121.2	121.6	122.0	122.4	122.8	123.2	123.6	124.0	124.4	124.8	125.2	125.6	126.0	126.4	126.8	127.2	127.6	128.0	128.4	128.8	129.2	129.6	130.0	130.4	130.8	131.2	131.6	132.0	132.4	132.8	133.2	133.6	134.0	134.4	134.8	135.2	135.6	136.0	136.4	136.8	137.2	137.6	138.0	138.4	138.8	139.2	139.6	140.0	140.4	140.8	141.2	141.6	142.0	142.4	142.8	143.2	143.6	144.0	144.4	144.8	145.2	145.6	146.0	146.4	146.8	147.2	147.6	148.0	148.4	148.8	149.2	149.6	150.0	150.4	150.8	151.2	151.6	152.0	152.4	152.8	153.2	153.6	154.0	154.4	154.8	155.2	155.6	156.0	156.4	156.8	157.2	157.6	158.0	158.4	158.8	159.2	159.6	160.0	160.4	160.8	161.2	161.6	162.0	162.4	162.8	163.2	163.6	164.0	164.4	164.8	165.2	165.6	166.0	166.4	166.8	167.2	167.6	168.0	168.4	168.8	169.2	169.6	170.0	170.4	170.8	171.2	171.6	172.0	172.4	172.8	173.2	173.6	174.0	174.4	174.8	175.2	175.6	176.0	176.4	176.8	177.2	177.6	178.0	178.4	178.8	179.2	179.6	180.0	180.4	180.8	181.2	181.6	182.0	182.4	182.8	183.2	183.6	184.0	184.4	184.8	185.2	185.6	186.0	186.4	186.8	187.2	187.6	188.0	188.4	188.8	189.2	189.6	190.0	190.4	190.8	191.2	191.6	192.0	192.4	192.8	193.2	193.6	194.0	194.4	194.8	195.2	195.6	196.0	196.4	196.8	197.2	197.6	198.0	198.4	198.8	199.2	199.6	200.0	200.4	200.8	201.2	201.6	202.0	202.4	202.8	203.2	203.6	204.0	204.4	204.8	205.2	205.6	206.0	206.4	206.8	207.2	207.6	208.0	208.4	208.8	209.2	209.6	210.0	210.4	210.8	211.2	211.6	212.0	212.4	212.8	213.2	213.6	214.0	214.4	214.8	215.2	215.6	216.0	216.4	216.8	217.2	217.6	218.0	218.4	218.8	219.2	219.6	220.0	220.4	220.8	221.2	221.6	222.0	222.4	222.8	223.2	223.6	224.0	224.4	224.8	225.2	225.6	226.0	226.4	226.8	227.2	227.6	228.0	228.4	228.8	229.2	229.6	230.0	230.4	230.8	231.2	231.6	232.0	232.4	232.8	233.2	233.6	234.0	234.4	234.8	235.2	235.6	236.0	236.4	236.8	237.2	237.6	238.0	238.4	238.8	239.2	239.6	240.0	240.4	240.8	241.2	241.6	242.0	242.4	242.8	243.2	243.6	244.0	244.4	244.8	245.2	245.6	246.0	246.4	246.8	247.2	247.6	248.0	248.4	248.8	249.2	249.6	250.0	250.4	250.8	251.2	251.6	252.0	252.4	252.8	253.2	253.6	254.0	254.4	254.8	255.2	255.6	256.0	256.4	256.8	257.2	257.6	258.0	258.4	258.8	259.2	259.6	260.0	260.4	260.8	261.2	261.6	262.0	262.4	262.8	263.2	263.6	264.0	264.4	264.8	265.2	265.6	266.0	266.4	266.8	267.2	267.6	268.0	268.4	268.8	269.2	269.6	270.0	270.4	270.8	271.2	271.6	272.0	272.4	272.8	273.2	273.6	274.0	274.4	274.8	275.2	275.6	276.0	276.4	276.8	277.2	277.6	278.0	278.4	278.8	279.2	279.6	280.0	280.4	280.8	281.2	281.6	282.0	282.4	282.8	283.2	283.6	284.0	284.4	284.8	285.2	285.6	286.0	286.4	286.8	287.2	287.6	288.0	288.4	288.8	289.2	289.6	290.0	290.4	290.8	291.2	291.6	292.0	292.4	292.8	293.2	293.6	294.0	294.4	294.8	295.2	295.6	296.0	296.4	296.8	297.2	297.6	298.0	298.4	298.8	299.2	299.6	300.0	300.4	300.8	301.2	301.6	302.0	302.4	302.8	303.2	303.6	304.0	304.4	304.8	305.2	305.6	306.0	306.4	306.8	307.2	307.6	308.0	308.4	308.8	309.2	309.6	310.0	310.4	310.8	311.2	311.6	312.0	312.4	312.8	313.2	313.6	314.0	314.4	314.8	315.2	315.6	316.0	316.4	316.8	317.2	317.6	318.0	318.4	318.8	319.2	319.6	320.0	320.4	320.8	321.2	321.6	322.0	322.4	322.8	323.2	323.6	324.0	324.4	324.8	325.2	325.6	326.0	326.4	326.8	327.2	327.6	328.0	328.4	328.8	329.2	329.6	330.0	330.4	330.8	331.2	331.6	332.0	332.4	332.8	333.2	333.6	334.0	334.4	334.8	335.2	335.6	336.0	336.4	336.8	337.2	337.6	338.0	338.4	338.8	339.2	339.6	340.0	340.4	340.8	341.2	341.6	342.0	342.4	342.8	343.2	343.6	344.0	344.4	344.8	345.2	345.6	346.0	346.4	346.8	347.2	347.6	348.0	348.4	348.8	349.2	349.6	350.0	350.4	350.8	351.2	351.6	352.0	352.4	352.8	353.2	353.6	354.0	354.4	354.8	355.2	355.6	356.0	356.4	356.8	357.2	357.6	358.0	358.4	358.8	359.2	359.6	360.0	360.4	360.8	361.2	361.6	362.0	362.4	362.8	363.2	363.6	364.0	364.4	364.8	365.2	365.6	366.0	366.4	366.8	367.2	367.6	368.0	368.4	368.8	369.2	369.6	370.0	370.4	370.8	371.2	371.6	372.0	372.4	372.8	373.2	373.6	374.0	374.4	374.8	375.2	375.6	376.0	376.4	376.8	377.2	377.6	378.0	378.4	378.8	379.2	379.6	380.0	380.4	380.8	381.2	381.6	382.0	382.4	382.8	383.2	383.6	384.0	384.4	384.8	385.2	385.6	386.0	386.4	386.8	387.2	387.6	388.0	388.4	388.8	389.2	389.6	390.0	390.4	390.8	391.2	391.6	392.0	392.4	392.8	393.2	393.6	394.0	394.4	394.8	395.2	395.6	396.0	396.4	396.8	397.2	397.6	398.0	398.4	398.8	399.2	399.6	400.0	400.4	400.8	401.2	401.6	402.0	402.4	402.8	403.2	403.6	404.0	404.4	404.8	405.2	405.6	406.0	406.4	406.8	407.2	407.6	408.0	408.4	408.8	409.2	409.6	410.0	410.4	410.8	411.2	411.6	412.0	412.4	412.8	413.2	413.6	414.0	414.4	414.8	415.2	415.6	416.0	416.4	416.8	417.2	417.6	418.0	418.4	418.8	419.2	419.6	420.0	420.4	420.8	421.2	421.6	422.0	422.4	422.8	423.2	423.6	424.0	424.4	424.8	425.2	425.6	426.0	426.4	426.8	427.2	427.6	428.0	428.4	428.8	429.2	429.6	430.0	430.4	430.8	431.2	431.6	432.0	432.4	432.8	433.2	433.6	434.0	434.4	434.8	435.2	435.6	436.0	436.4	436.8	437.2	437.6	438.0	438.4	438.8	439.2	439.6	440.0	440.4	440.8	441.2	441.6	442.0	442.4	442.8	443.2	443.6	444.0	444.4	444.8	445.2	445.6	446.0	446.4	446.8	447.2	447.6	448.0	448.4	448.8	449.2	449.6	450.0	450.4	450.8	451.2	451.6	452.0	452.4	452.8	453.2	453.6	454.0	454.4	454.8	455.2	455.6	456.0	456.4	456.8	457.2	457.6	458.0	458.4	458.8	459.2	459.6	460.0	460.4	460.8	461.2	461.6	462.0	462.4	462.8	463.2	463.6	464.0	464.4	464.8	465.2	465.6	466.0	466.4	466.8	467.2	467.6	468.0	468.4	468.8	469.2	469.6	470.0	470.4	470.8	471.2	471.6	472.0	472.4	472.8	473.2	473.6	474.0	474.4	474.8	475.2	475.6	476.0	476.4	476.8	477.2	477.6	478.0	478.4	478.8	479.2	479.6	480.0	480.4	480.8	481.2	481.6	482.0	482.4	482.8	483.2	483.6	484.0</

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  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS09\_92a; adaptierte CIELAB-Daten

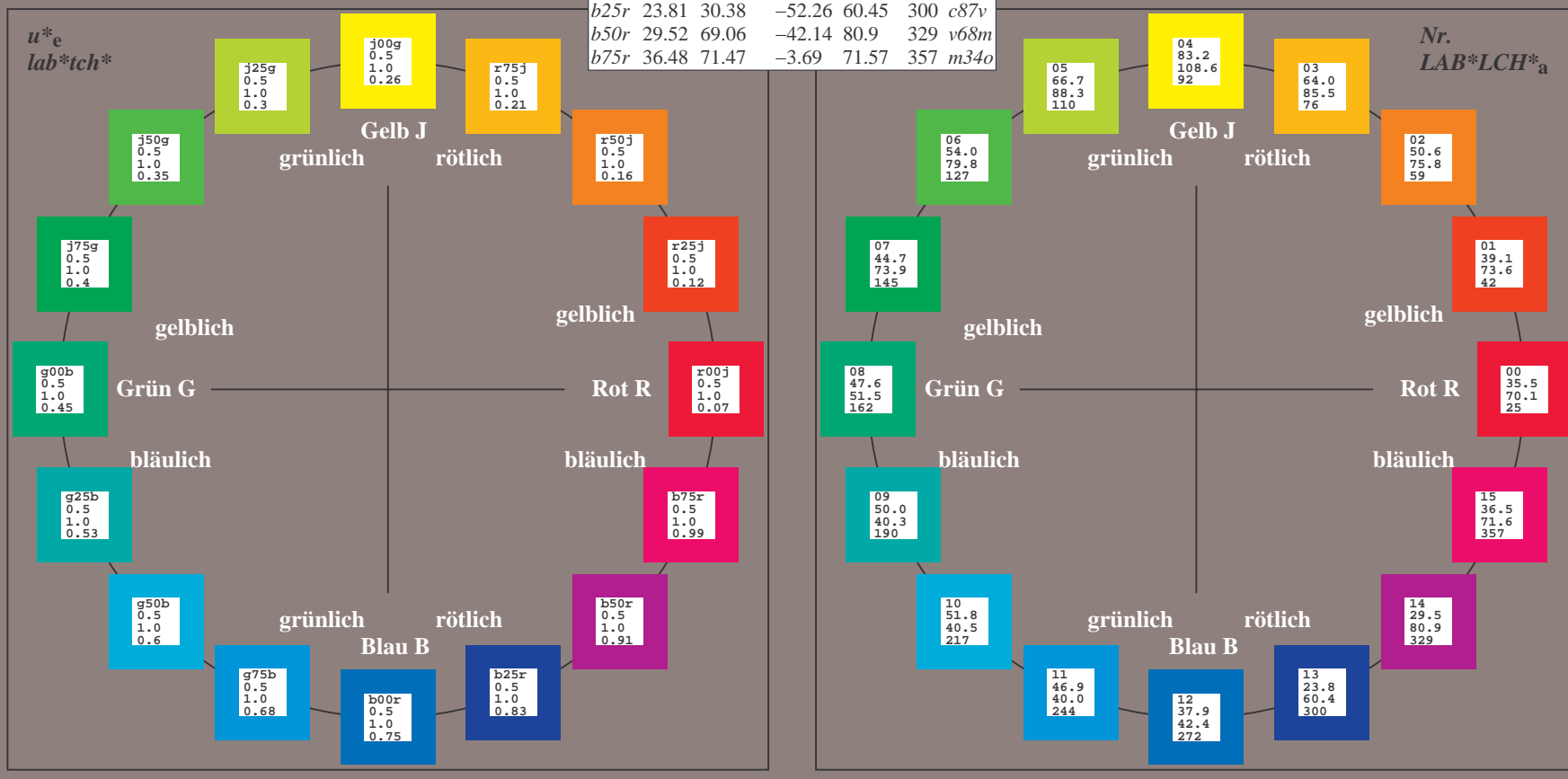
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	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: Farbmétrisches 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\**

## Bunttexte:

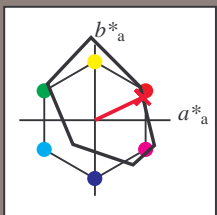
$$u_e^* = r00j \quad u_d^* = m81o$$

**Kontrastreduzierungsfaktor:**

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

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

Brooks Hingham:
 



FRS09_92a; adaptierte CIELAB-Daten						
$u_e^*$	$L^*_{-1,a}$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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\*Mo: 35 63 30*

LAD\*LCII\* 35 50 35

**LAB\*LCH\*Ma: 35 70 25**

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

*lab\*olv\**Ma: 1.0 0.0 0.18

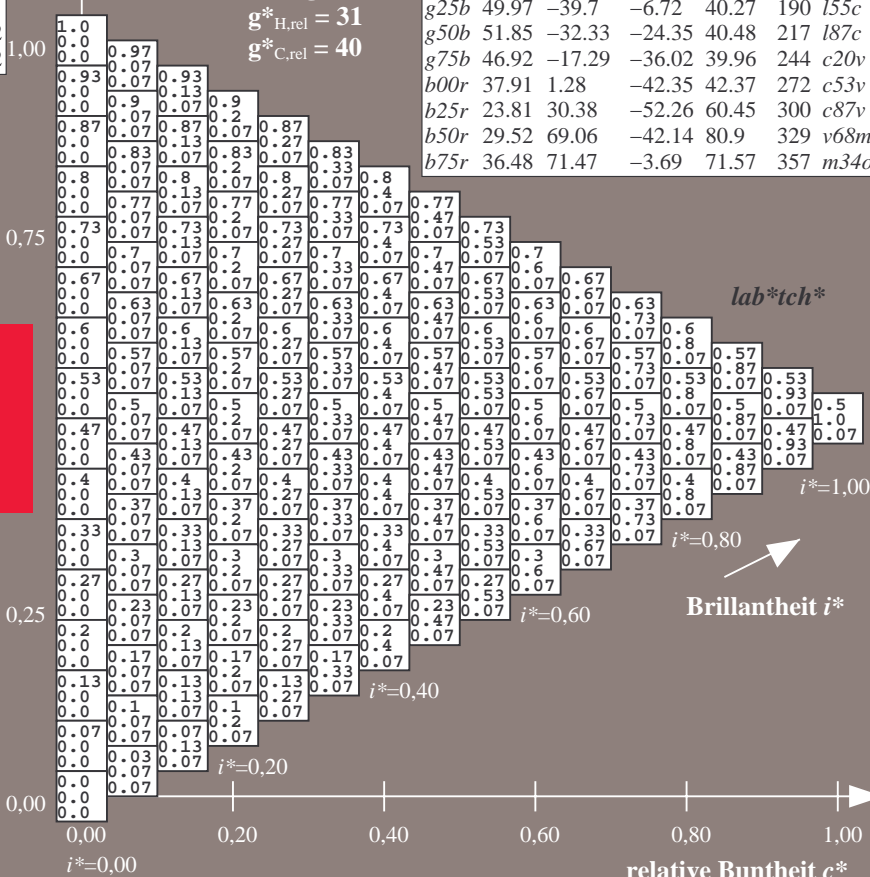
### Dreiecks-Helligkeit $t^*$

**Dickens Remains:**

## %Umfang

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

%Regular

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


*lab\*tch\**

## Brillantheit *i\**

BAM-Prüfvorlage Eg10; Farbmimetrik-Systeme, Seite 182/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->cmY0\* setcmykcolor

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  $lab^*icu^*$

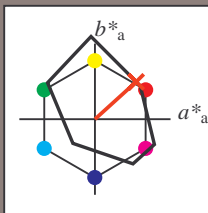
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



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	

$lab^*tch^*$

$i^* = 1.00$

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: 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  $lab^*icu^*$

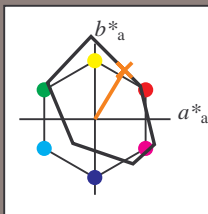
Bunttontexte:

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

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	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  $lab^*icu^*$

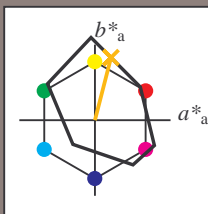
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



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):

$LAB^*LAB^*_{Ma}$ : 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	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: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

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

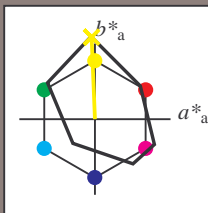
Bunttontexte:

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

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

$lab^*tch^*$

$i^* = 1.00$

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  $lab^*icu^*$

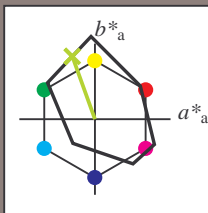
Bunttontexte:

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

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  $lab^*icu^*$

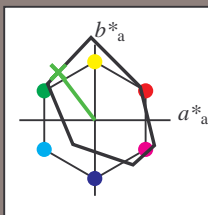
Bunttontexte:

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

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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

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  $lab^*icu^*$

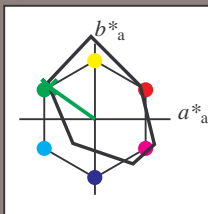
Bunttontexte:

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

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  $lab^*icu^*$

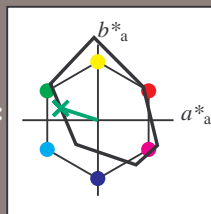
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



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

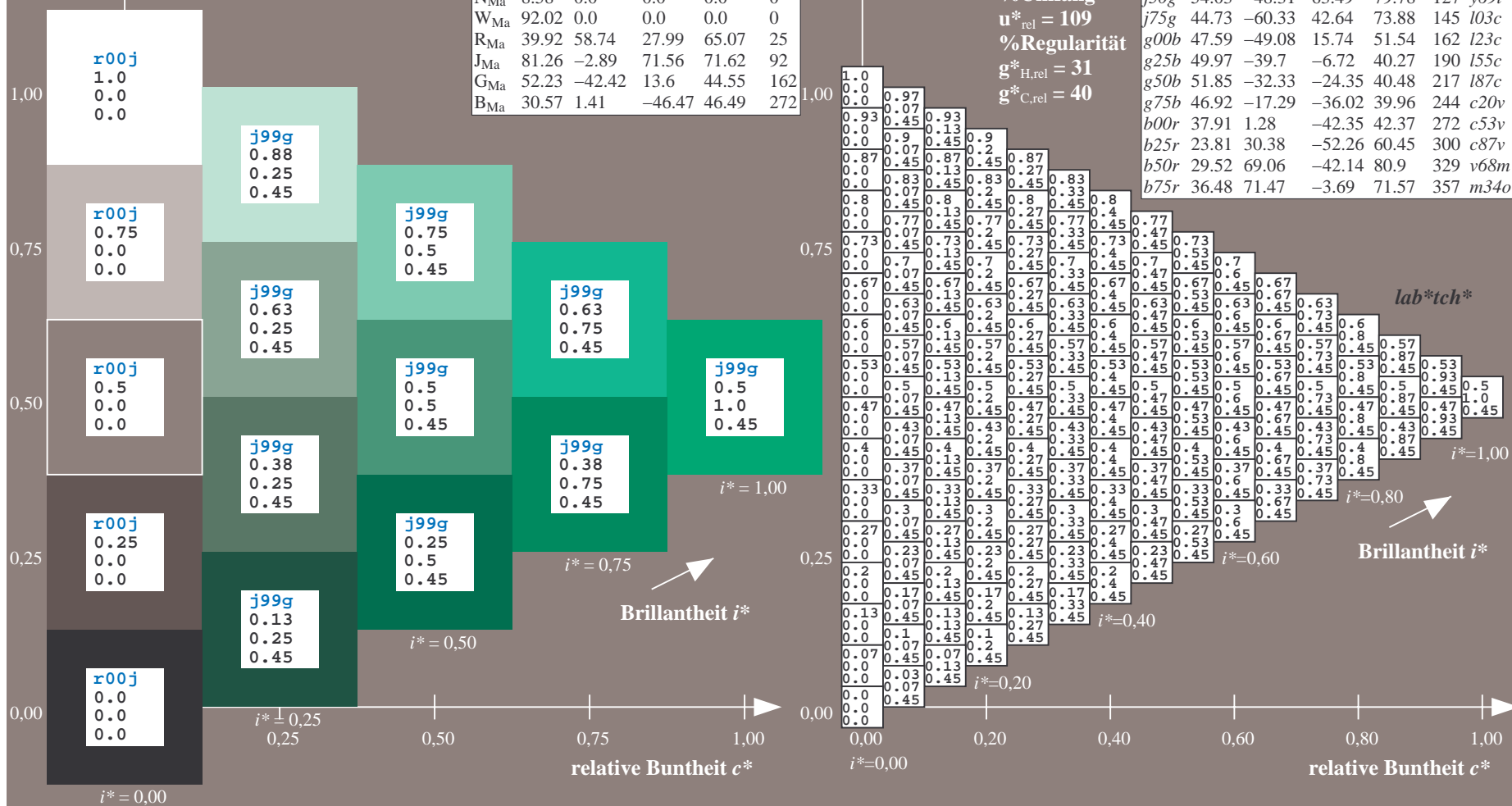
$u^*_{rel} = 109$

%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		
j50j	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  $lab^*icu^*$

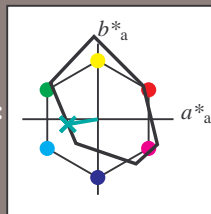
Bunttontexte:

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

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	

$lab^*tch^*$

$i^* = 1.00$

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  $lab^*icu^*$

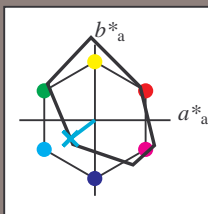
Bunttontexte:

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

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

Daten für jede Farbe:

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

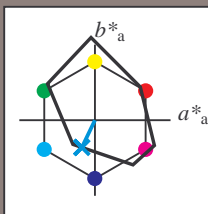
Bunttontexte:

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

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

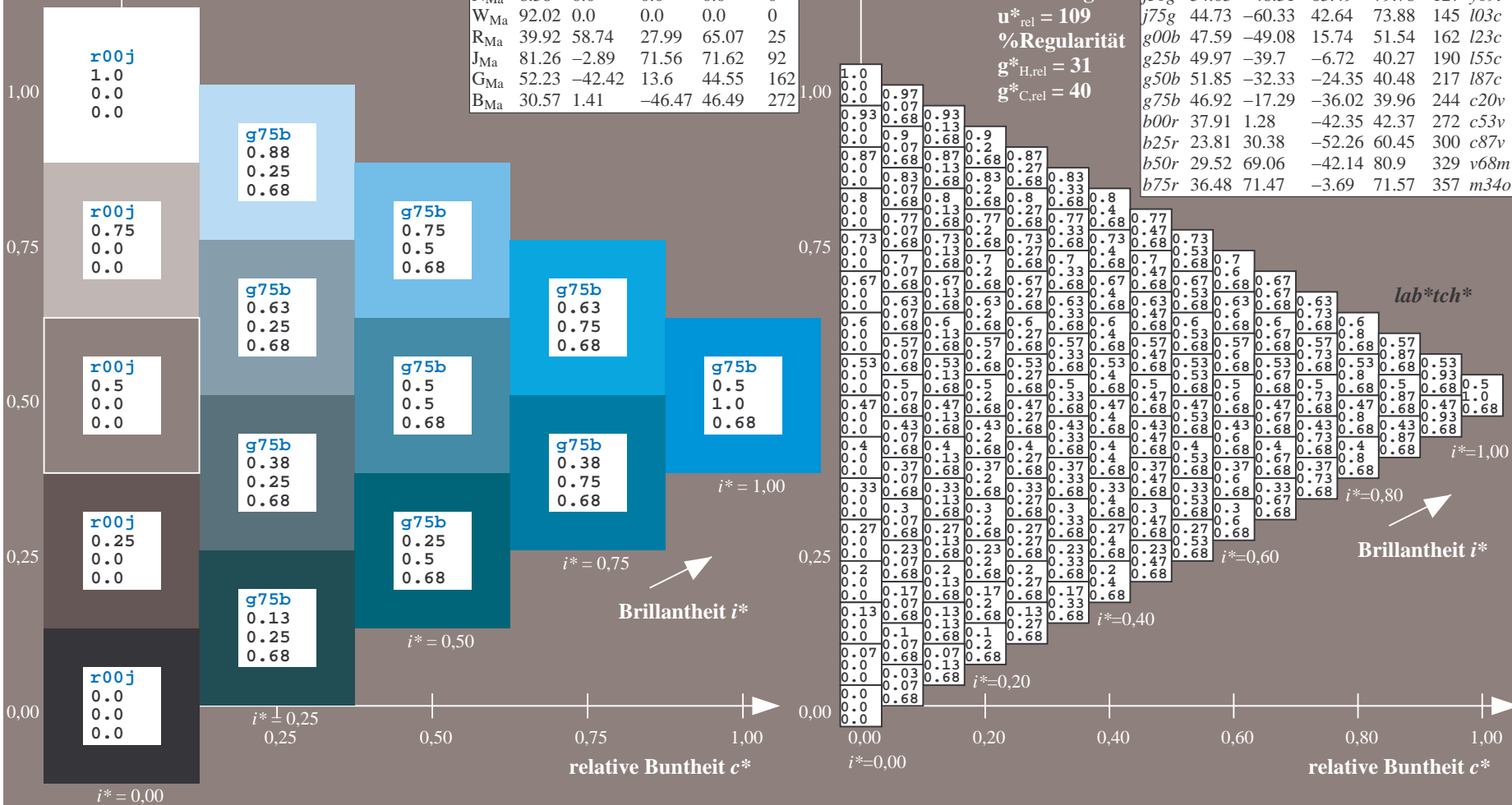
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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:

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

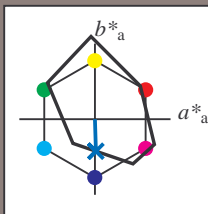
Bunttontexte:

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

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  $lab^*icu^*$

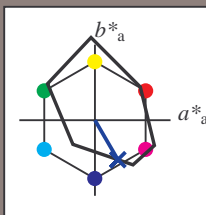
Bunttontexte:

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

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  $i^*$

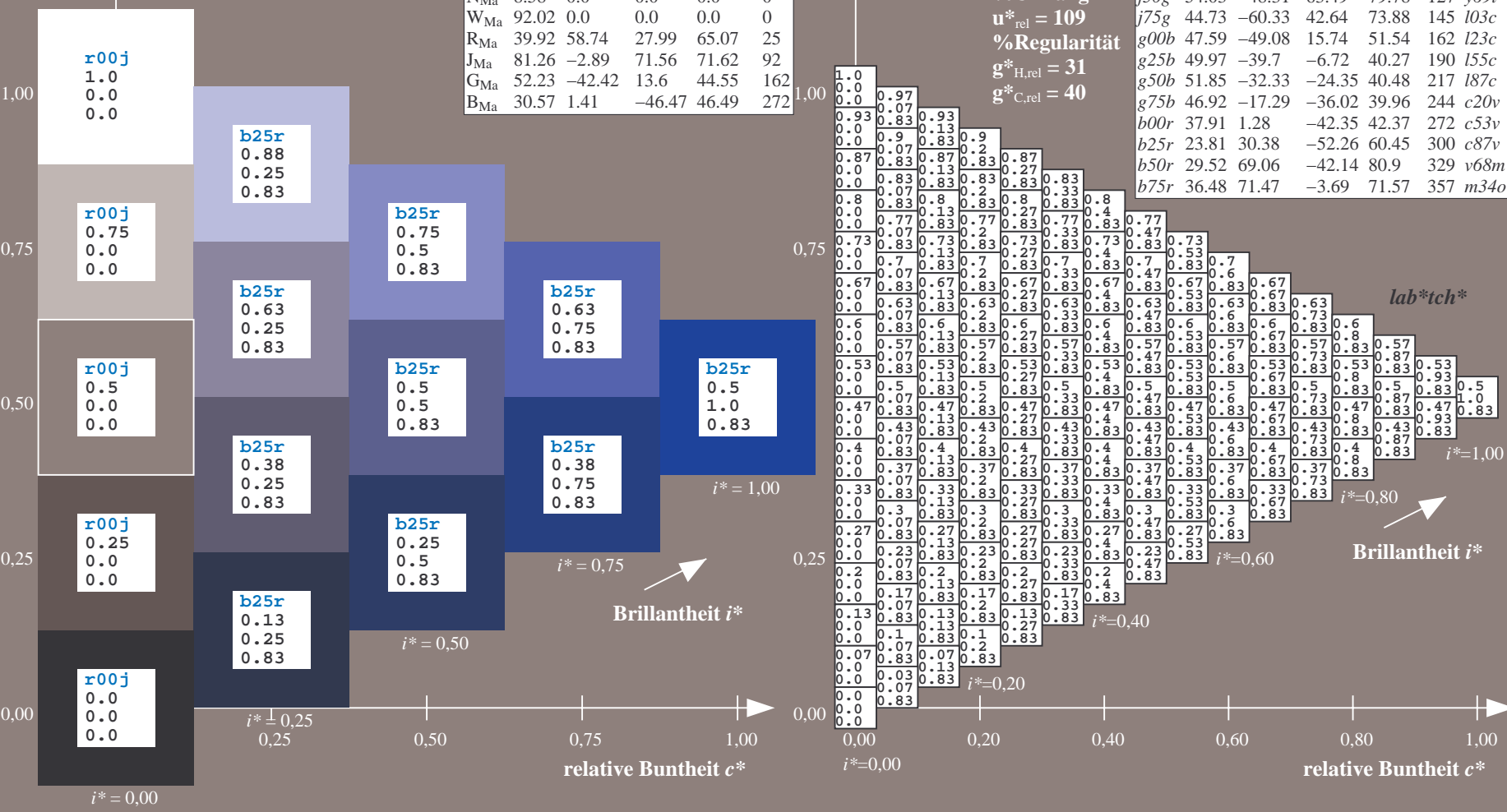
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





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  $lab^*icu^*$

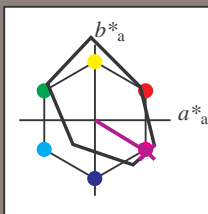
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



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

$lab^*tch^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

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

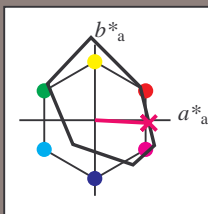
Bunttontexte:

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

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

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

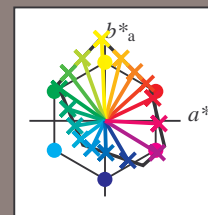
relative Buntheit  $c^*$

BAM-Prüfvorlage Eg10; Farbmimetrik-Systeme, Seite 198/270    Eingabe: *000n / w / nnn0 / www set..*  
 3 Separationen, 9 Datentabellen für 16 Bunttöne *r00j* bis *b75r*    Ausgabe: *->cmy0\* setcmykcolor*

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

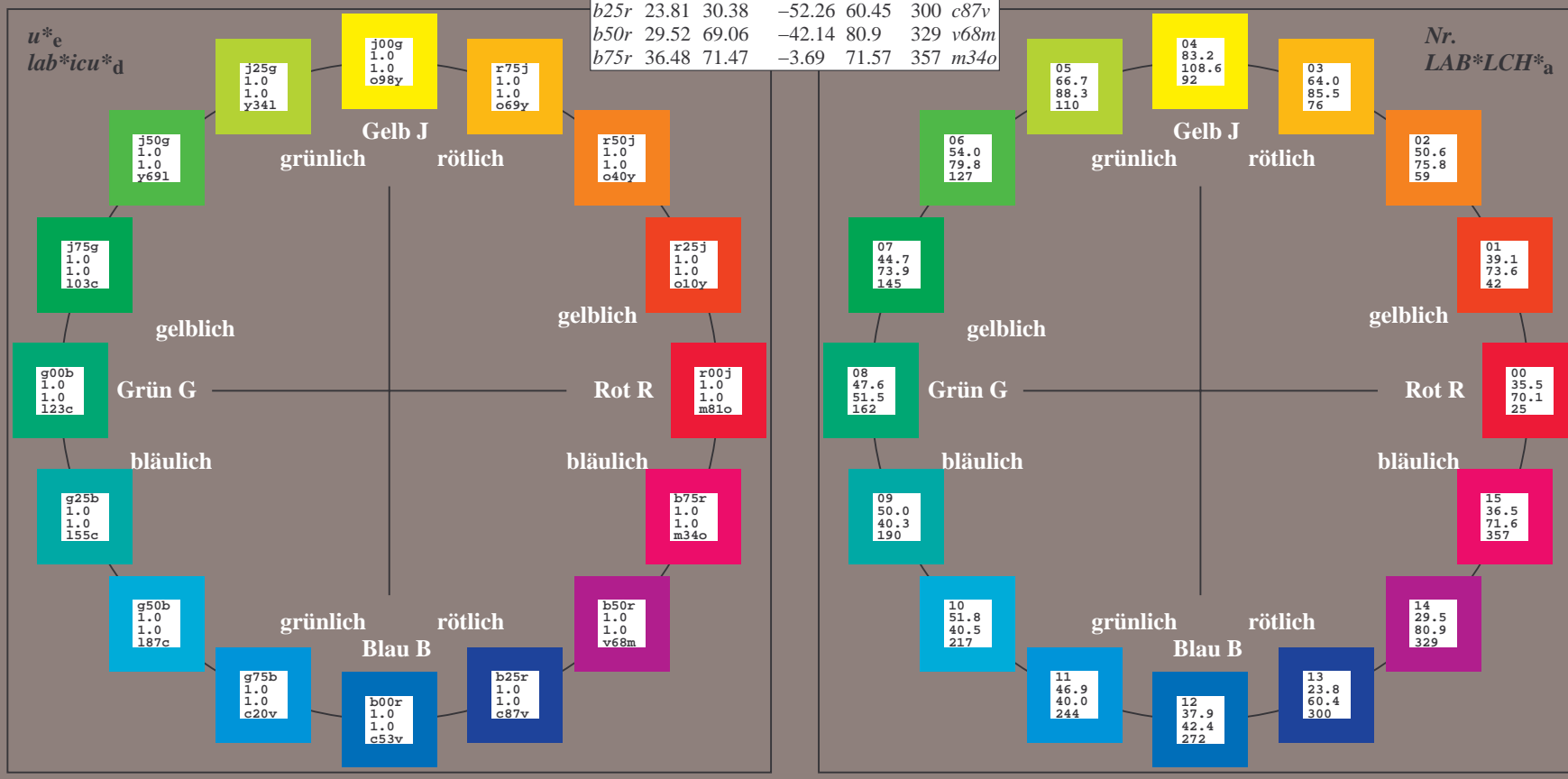
$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, ..., b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

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

Daten für jede Farbe:

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

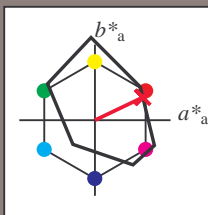
Bunttontexte:

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

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  $lab^*icu^*$

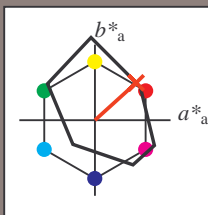
Bunttontexte:

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

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  $c^*$



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  $lab^*icu^*$

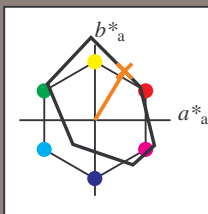
Bunttontexte:

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

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

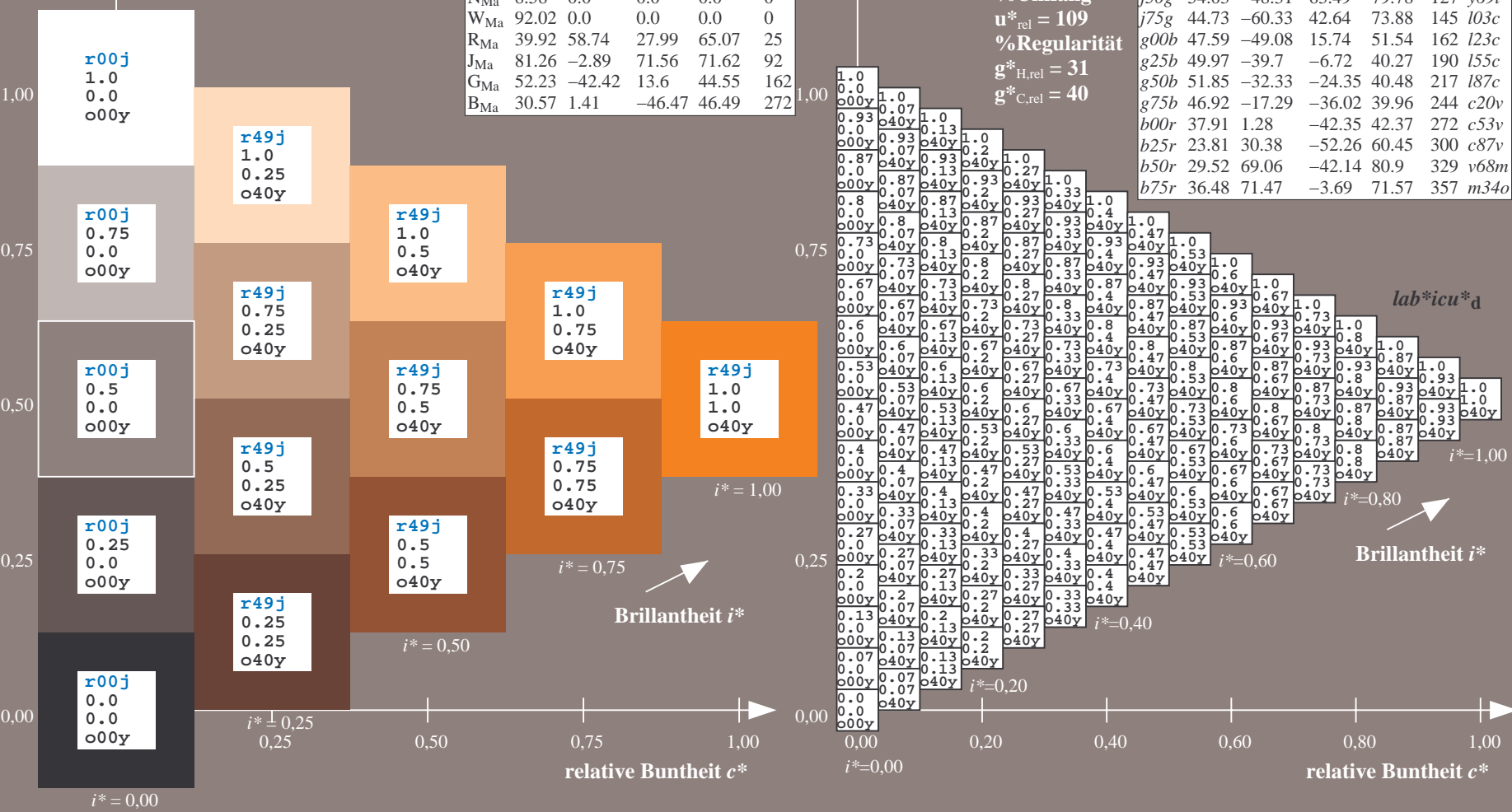
$u^*_{rel} = 109$

%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



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  $lab^*icu^*$

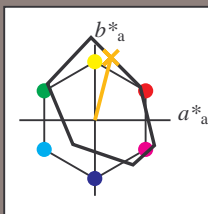
Bunttontexte:

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

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

$lab^*icu^*_d$

$i^* = 1.00$

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  $lab^*icu^*$

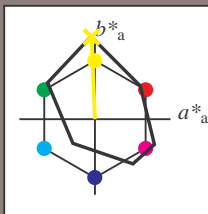
Bunttontexte:

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

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

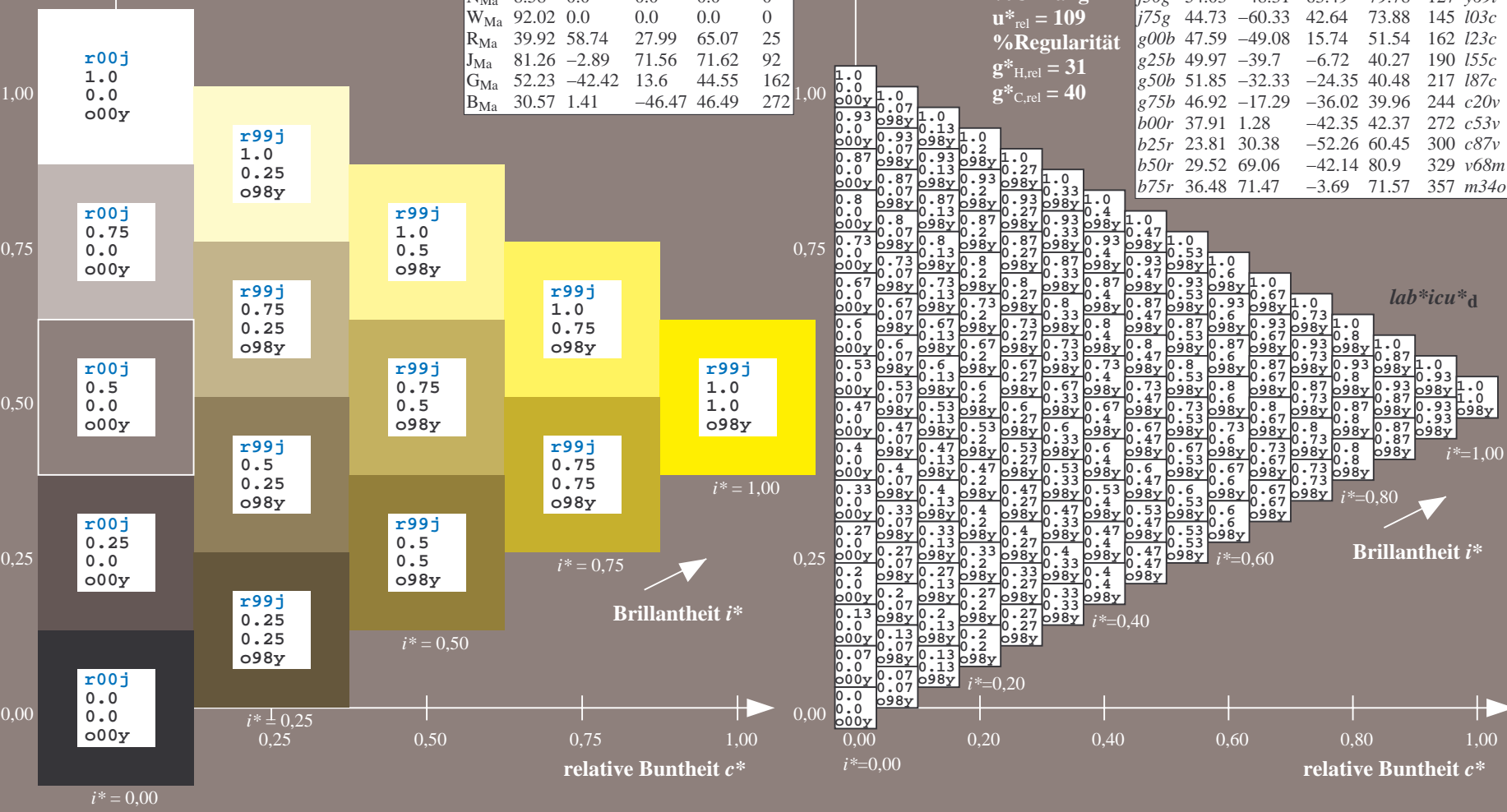
$u^*_{rel} = 109$

%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



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  $lab^*icu^*$

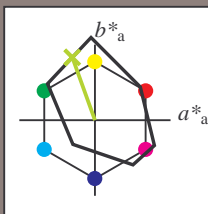
Bunttontexte:

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

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

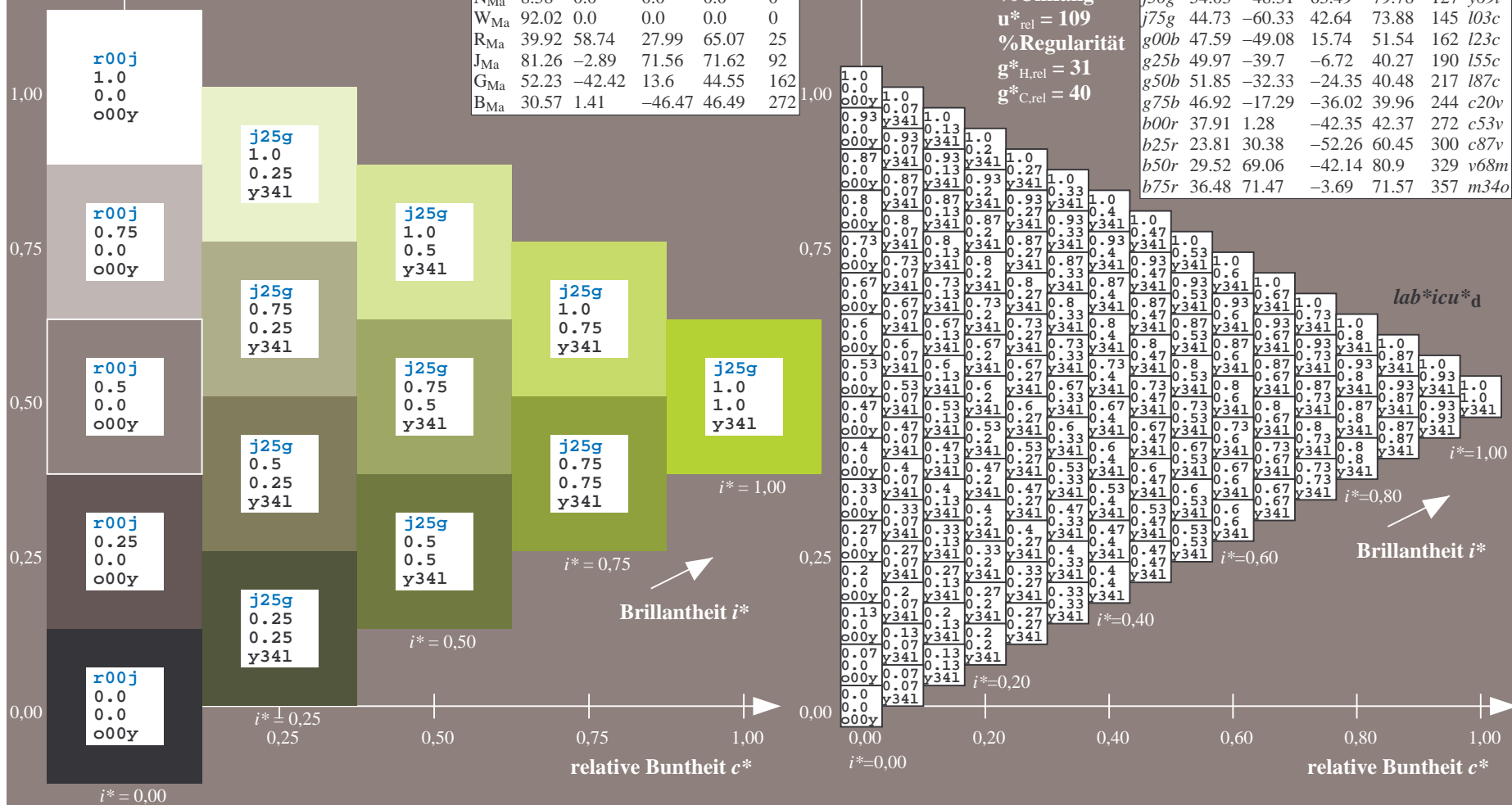
$u^*_{rel} = 109$

%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:

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

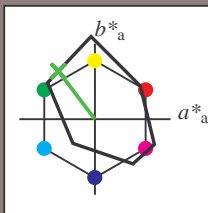
Bunttontexte:

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

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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



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

Daten für jede Farbe:

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

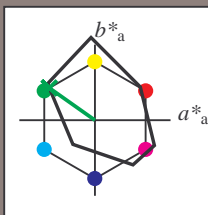
Bunttontexte:

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

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

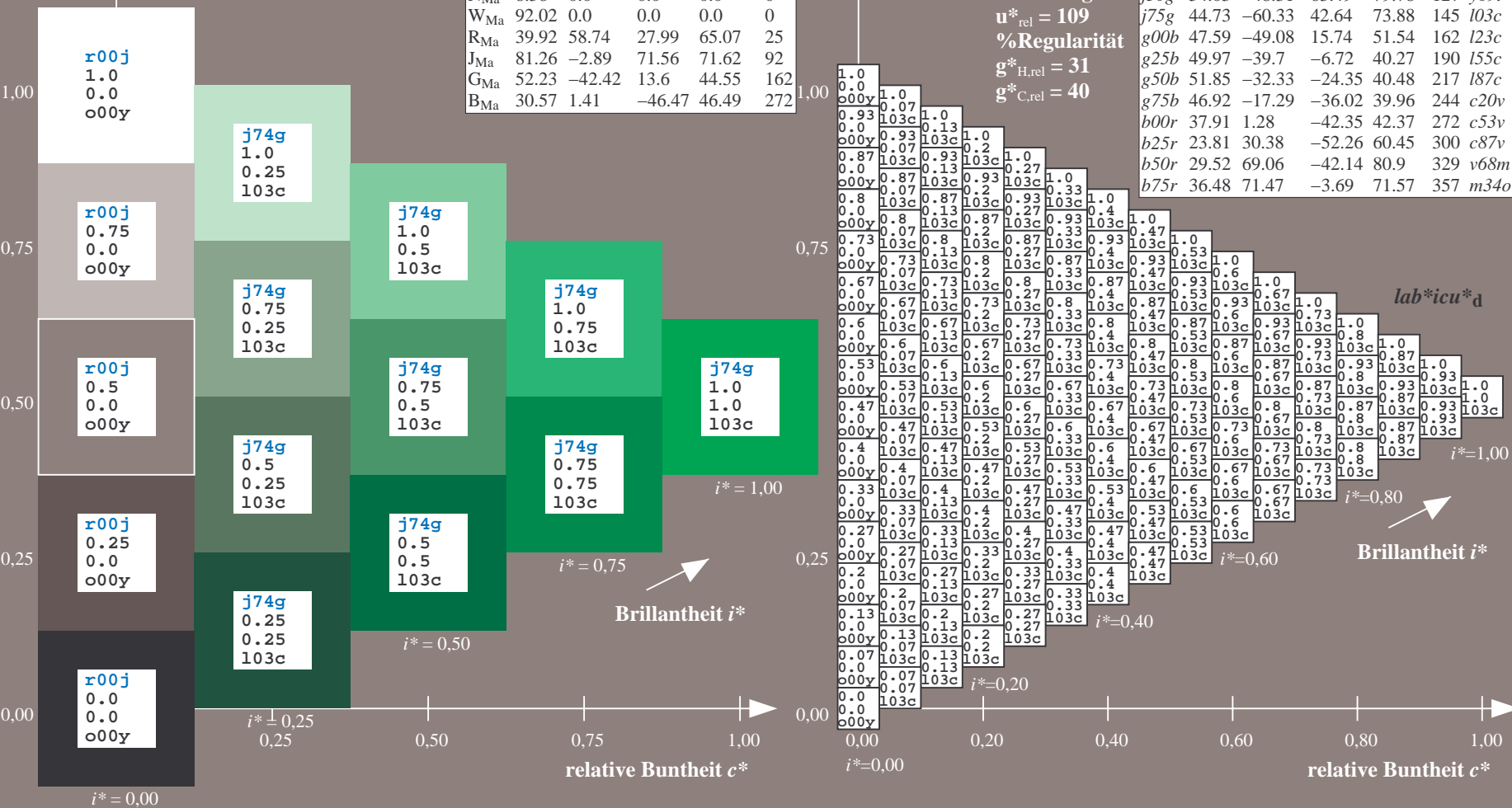
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$lab^*icu^*_d$	$u^*_d$
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	



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

Daten für jede Farbe:

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

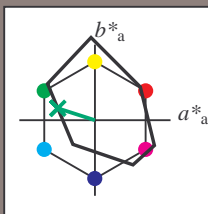
Bunttontexte:

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

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	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: 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  $lab^*icu^*$

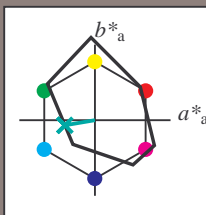
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



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):

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

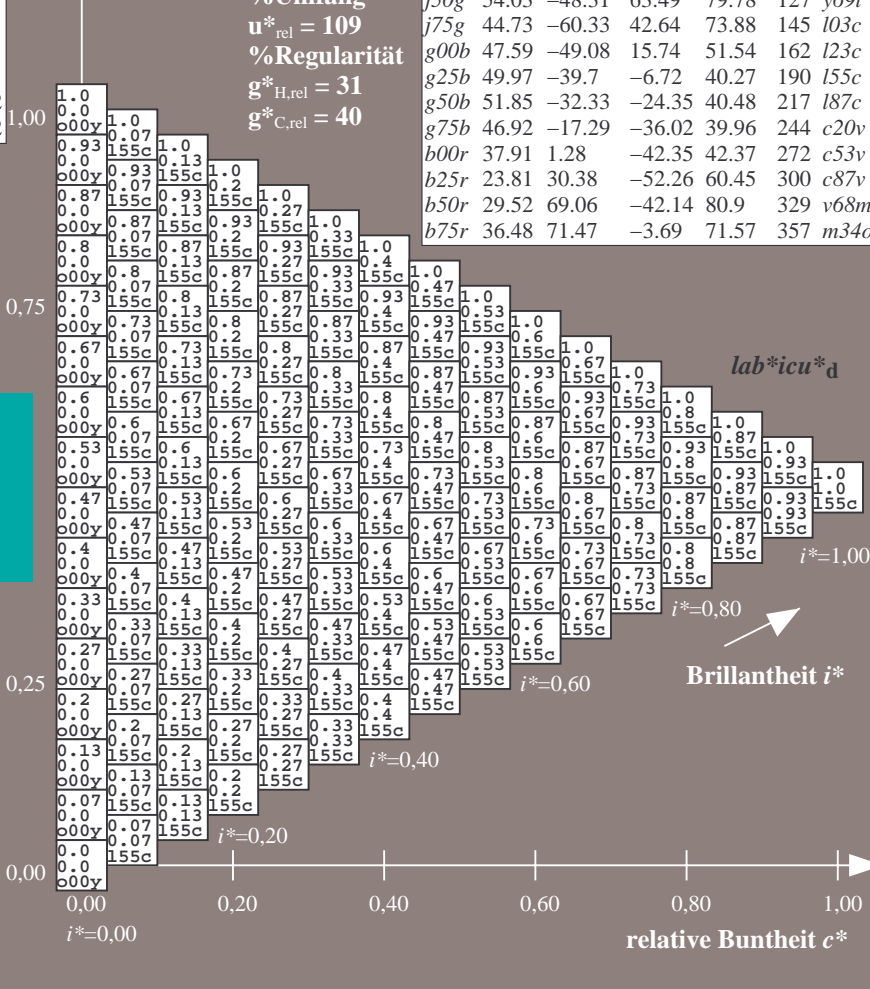
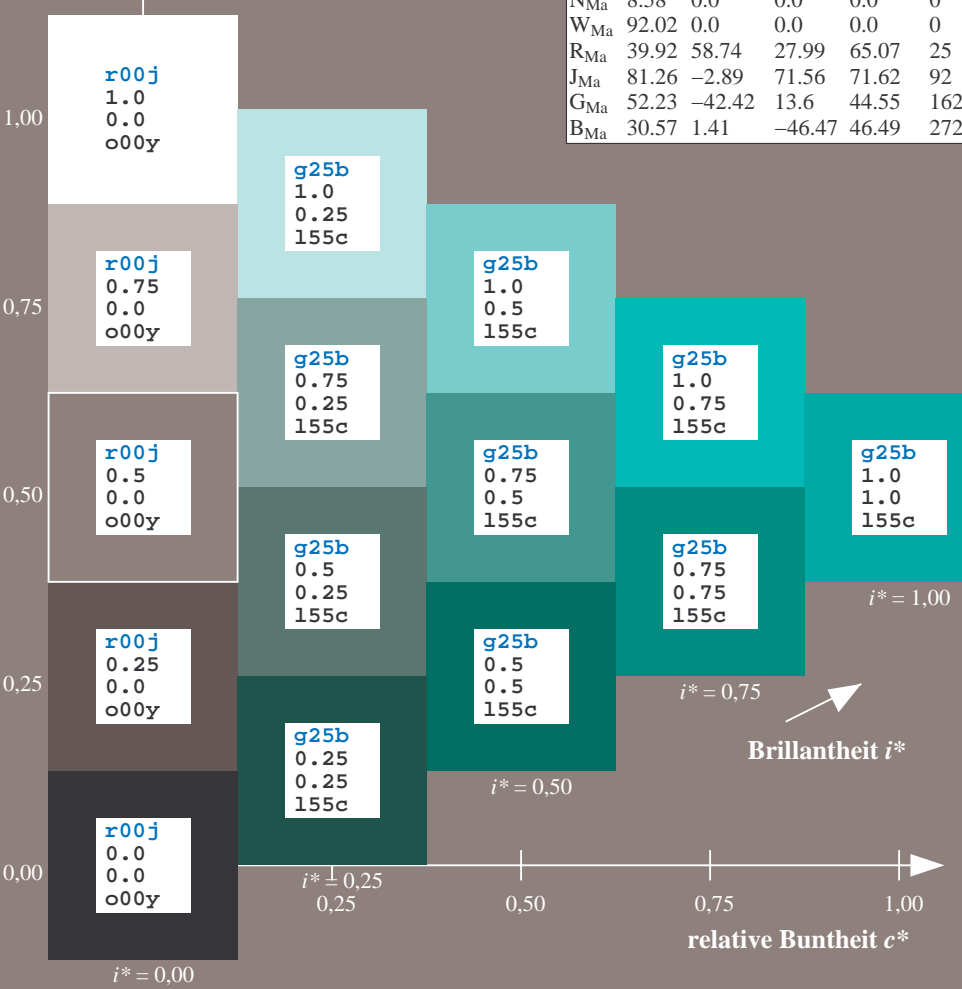
$u^*_{rel} = 109$

%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: 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  $lab^*icu^*$

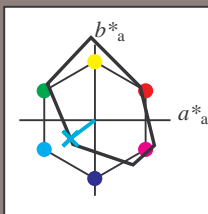
Bunttontexte:

$u^*_e = g50b$   $u^*_d = 187c$

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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



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

Daten für jede Farbe:

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

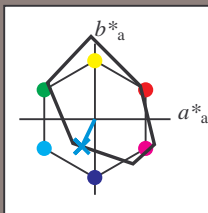
Bunttontexte:

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

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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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  $lab^*icu^*$

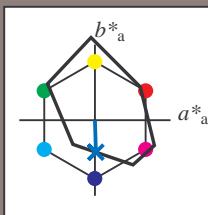
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; 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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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:

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

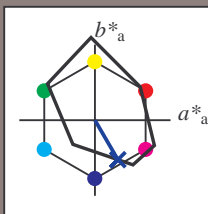
Bunttontexte:

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

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

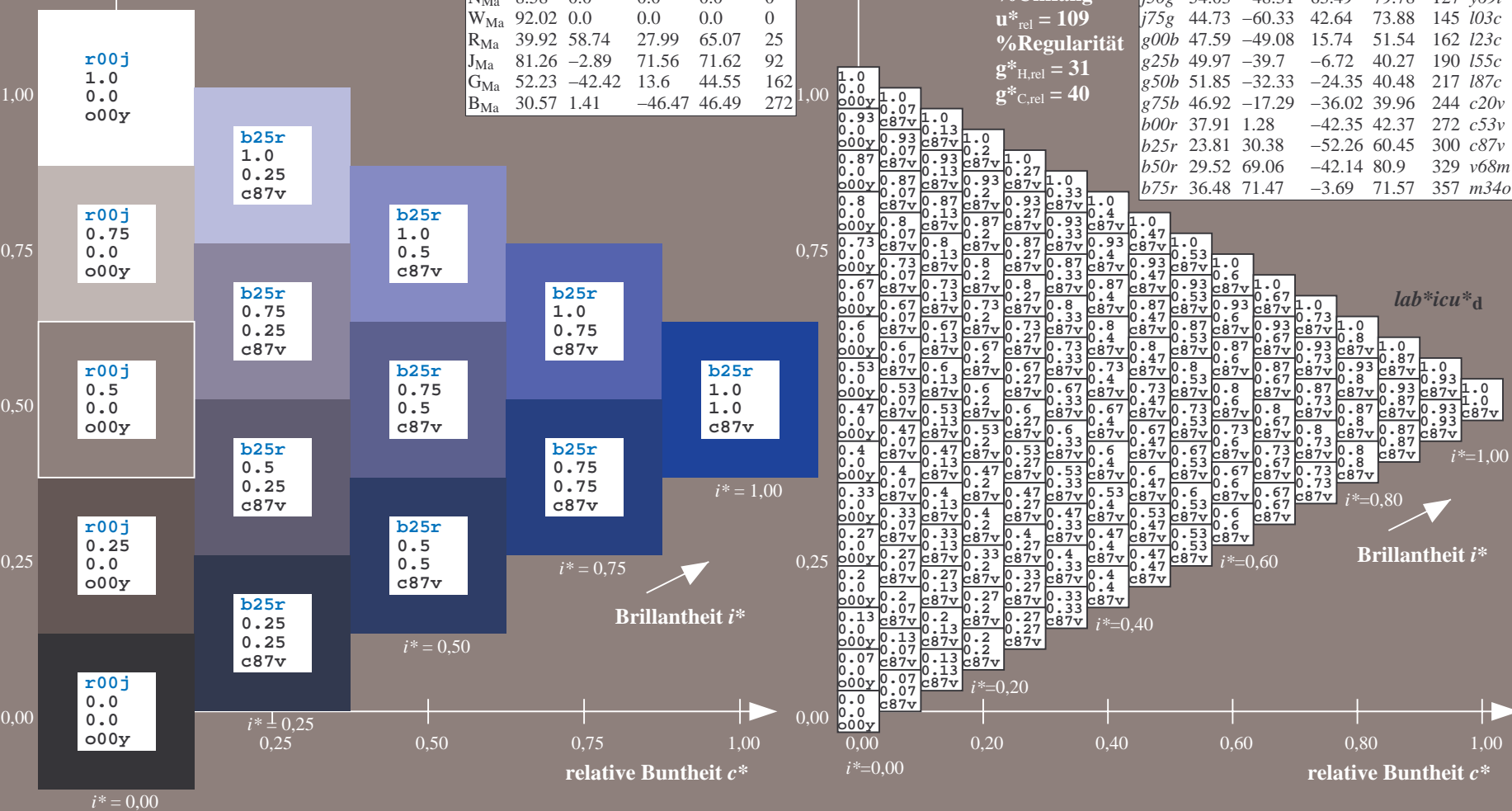
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
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  $lab^*icu^*$

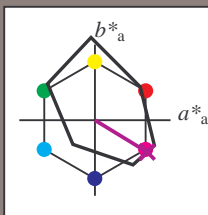
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; 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

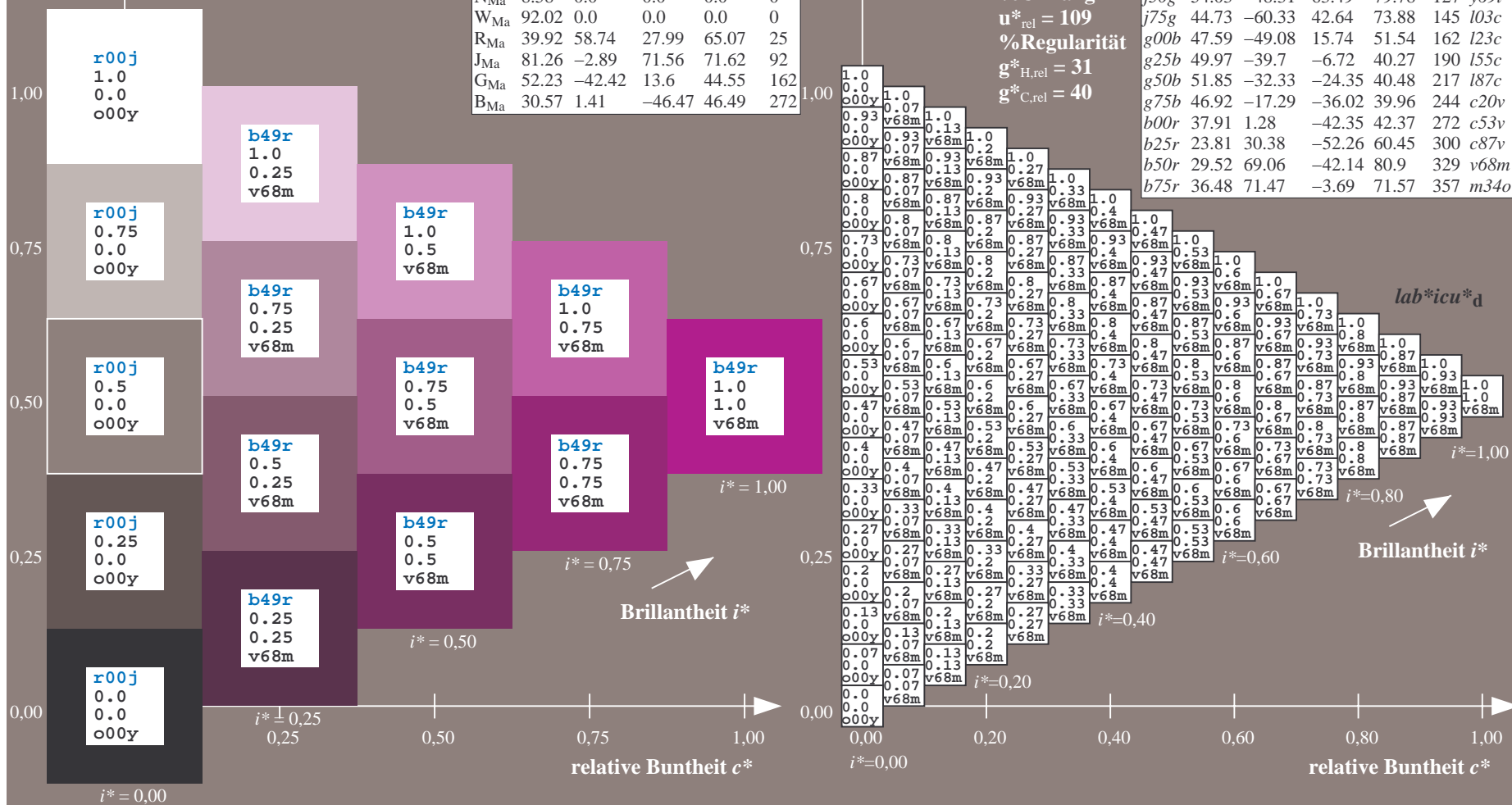
$u^*_{rel} = 109$

%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: 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  $lab^*icu^*$

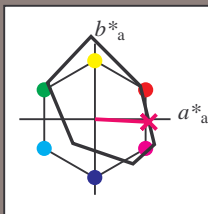
Bunttontexte:

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

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/Eg10/>; [www.ps.bam.de/Eg10L10G00NA.PS/.TXT](http://www.ps.bam.de/Eg10L10G00NA.PS/.TXT)  
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*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	1.13	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	



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

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

Elementar-Bunttontext:

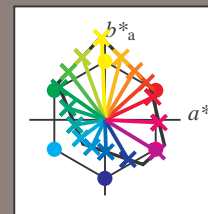
$u^*_e = 16$  Bunttoene  $r00j, r25j, ..., b75r$

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

$u^*_{rel} = 109$

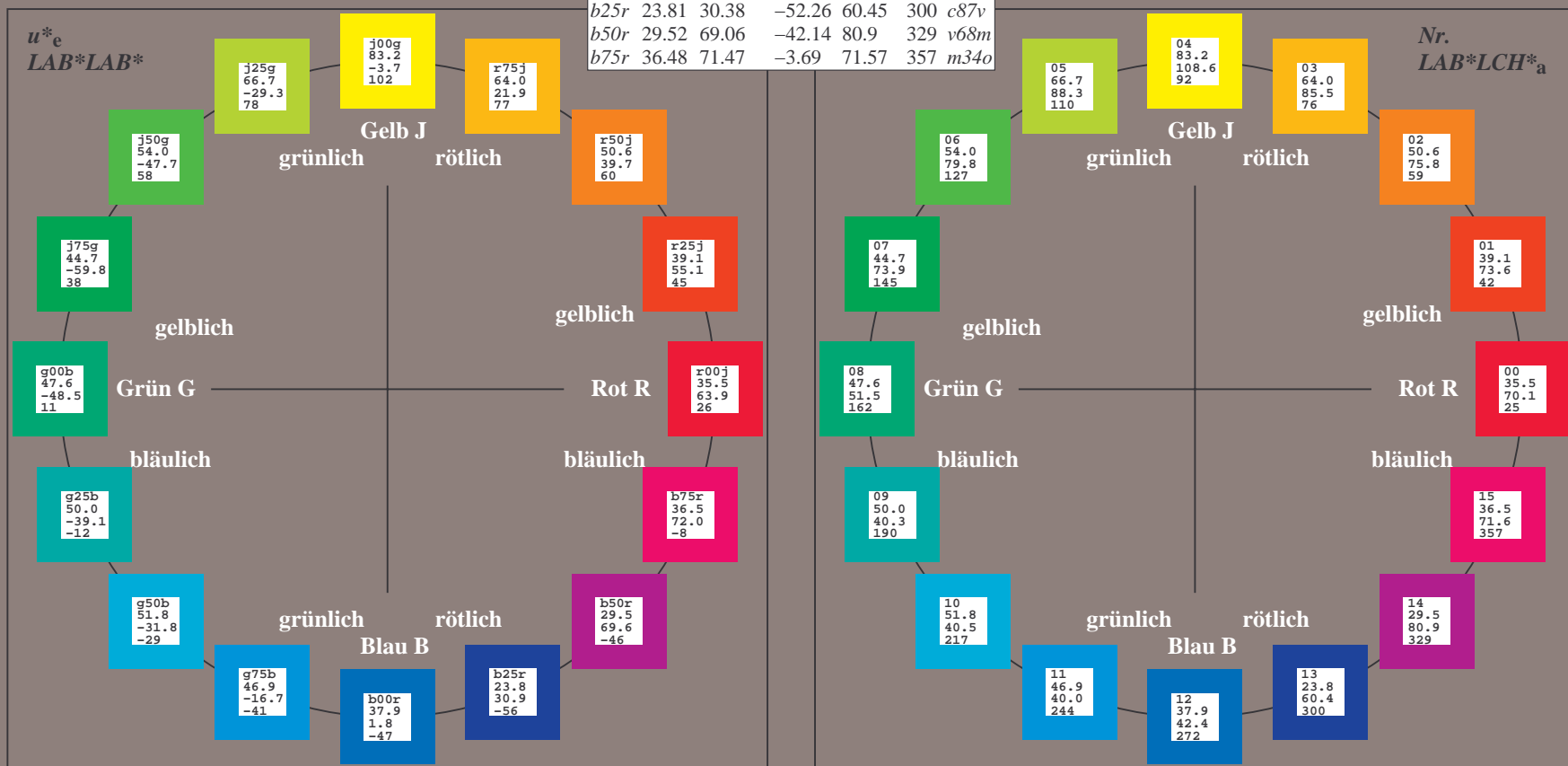
%Regularität

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

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

FRS09\_92; 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:

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

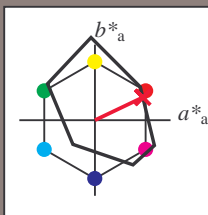
Bunttontexte:

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

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

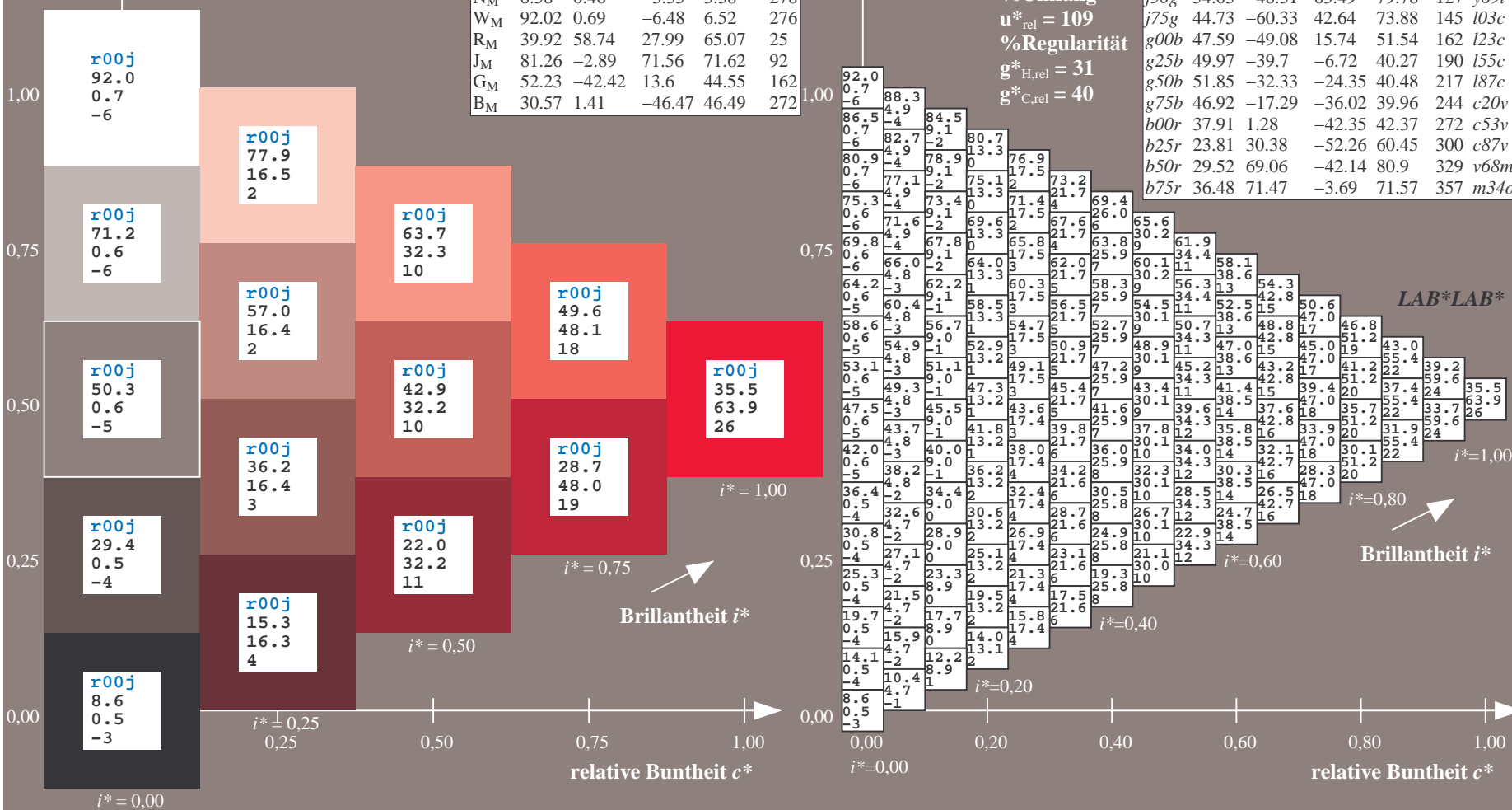
$u^*_{rel} = 109$

%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  $lab^*icu^*$

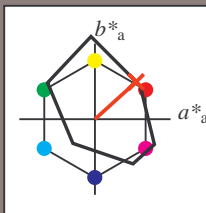
Bunttontexte:

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

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	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  $c^*$

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  $lab^*icu^*$

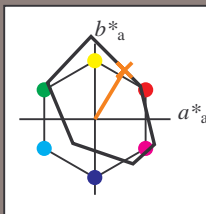
Bunttontexte:

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

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	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  $c^*$

relative Buntheit  $c^*$



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:

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

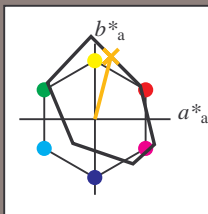
Bunttontexte:

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

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

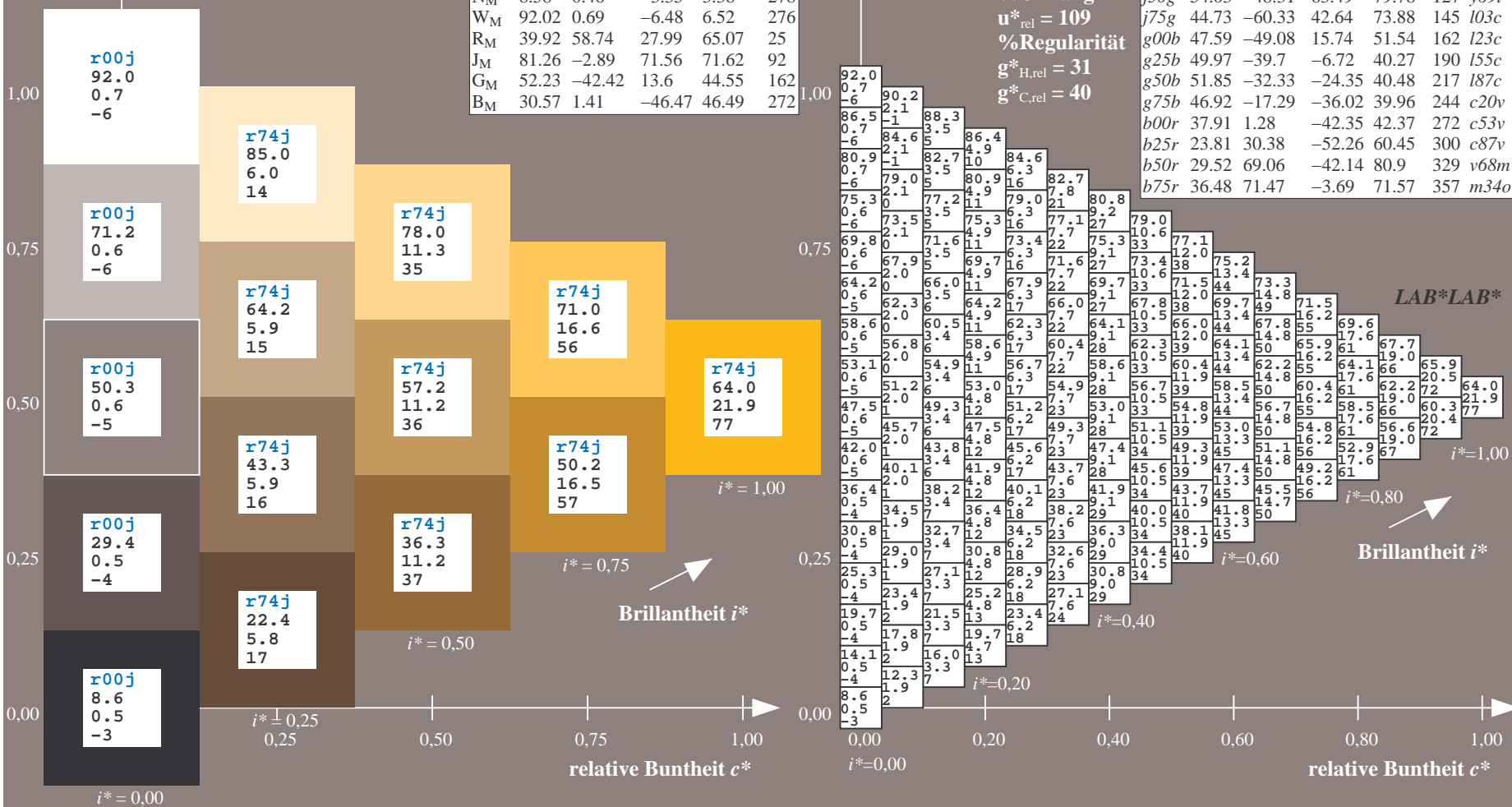
$u^*_{rel} = 109$

%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			





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  $lab^*icu^*$

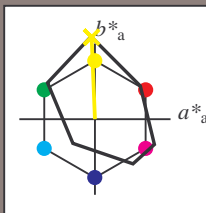
Bunttontexte:

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

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  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

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  $lab^*icu^*$

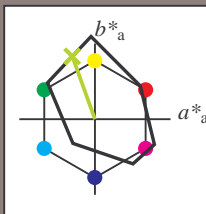
Bunttontexte:

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

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  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

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:

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

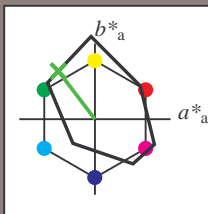
Bunttontexte:

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

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):

$LAB^*LAB^*Ma: 54 -48 63$

$LAB^*LCH^*Ma: 54 80 127$

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

$lab^*olv^*Ma: 0.3 1.0 0.0$

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

$LAB^*LAB^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

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

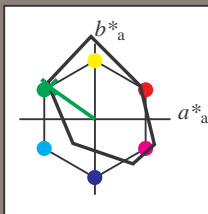
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
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

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



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

Daten für jede Farbe:

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

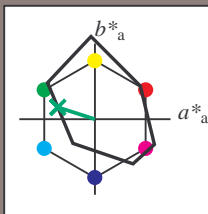
Bunttontexte:

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

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

$LAB^*LAB^*$

$i^*=1.00$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Brillantheit  $i^*$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



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

Daten für jede Farbe:

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

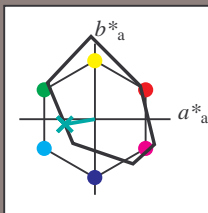
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
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

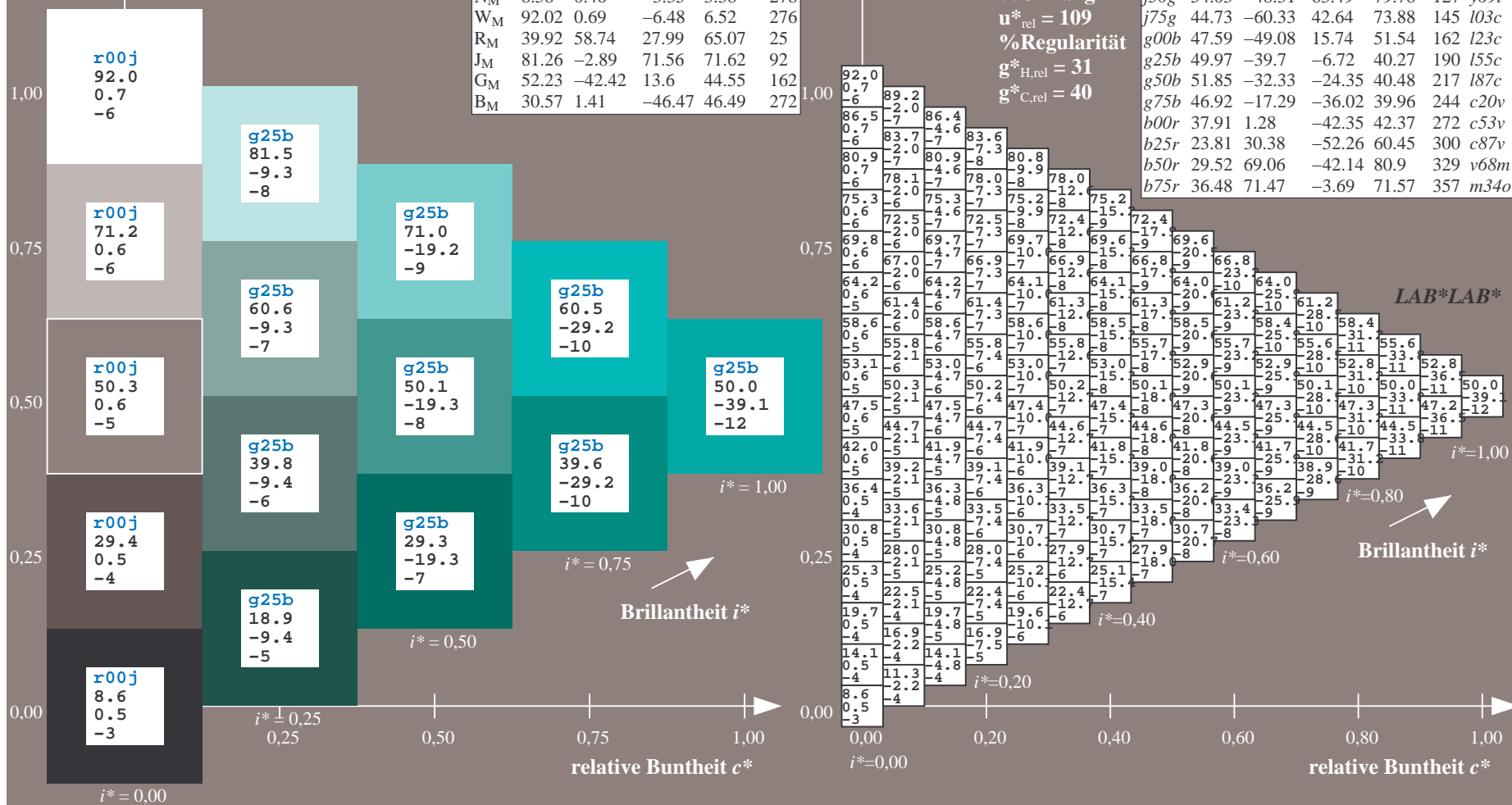
$g^*_{H,rel} = 31$

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

$u^*_e = g25b$   
 $LAB^*LAB^*$

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	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  $lab^*icu^*$

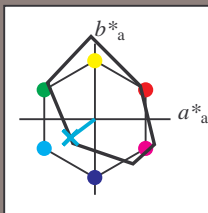
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



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  $lab^*icu^*$

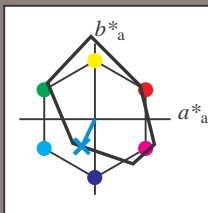
Bunttontexte:

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

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  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

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  $lab^*icu^*$

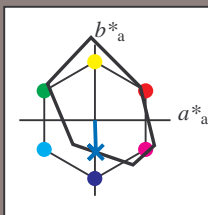
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_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

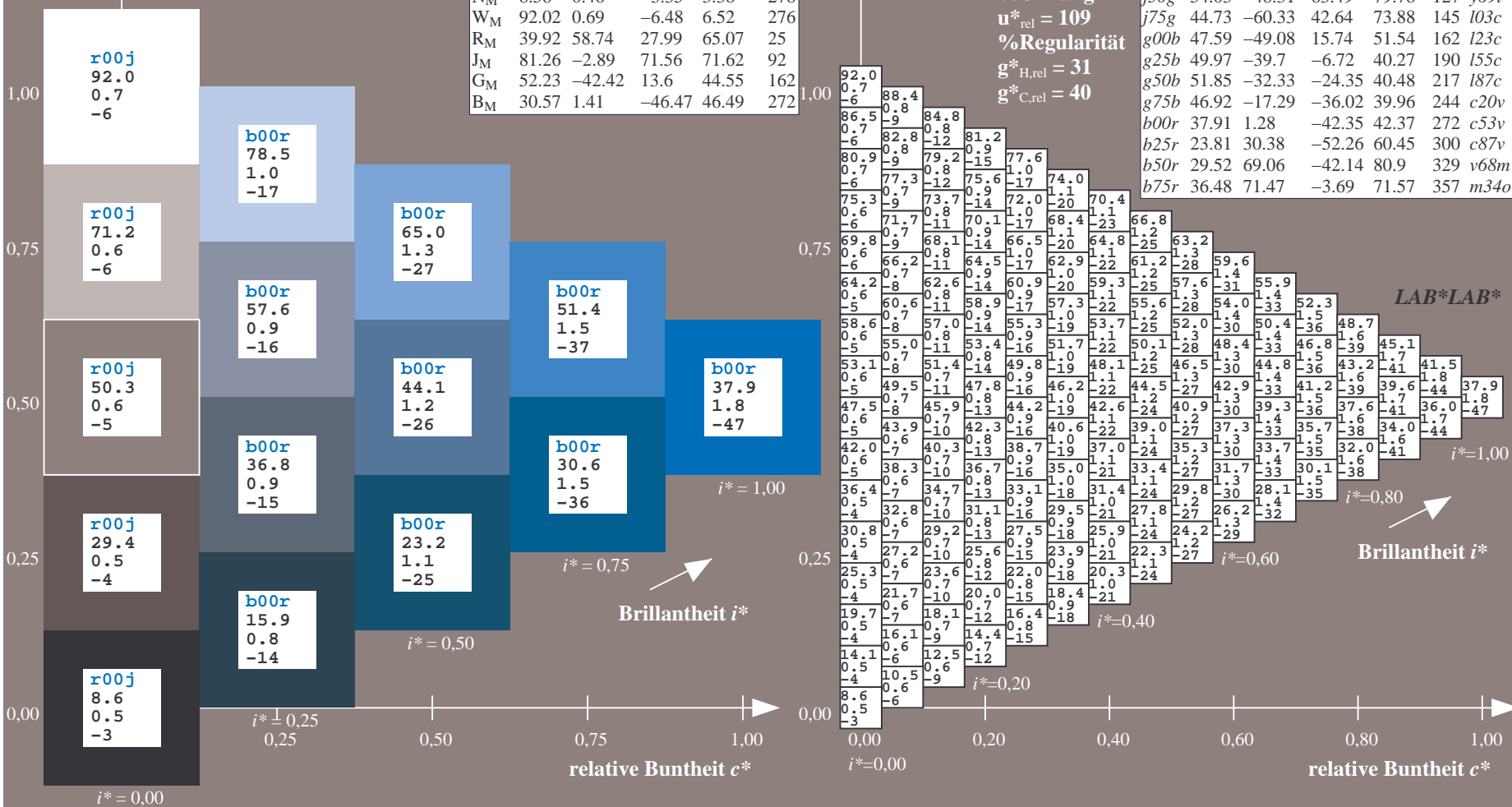
$u^*_{rel} = 109$

%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	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  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

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

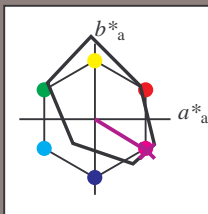
Bunttontexte:

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

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

$LAB^*LAB^*$

$i^*=1.00$

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  $lab^*icu^*$

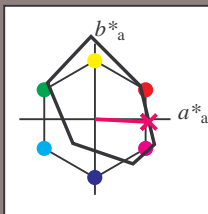
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09_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):

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

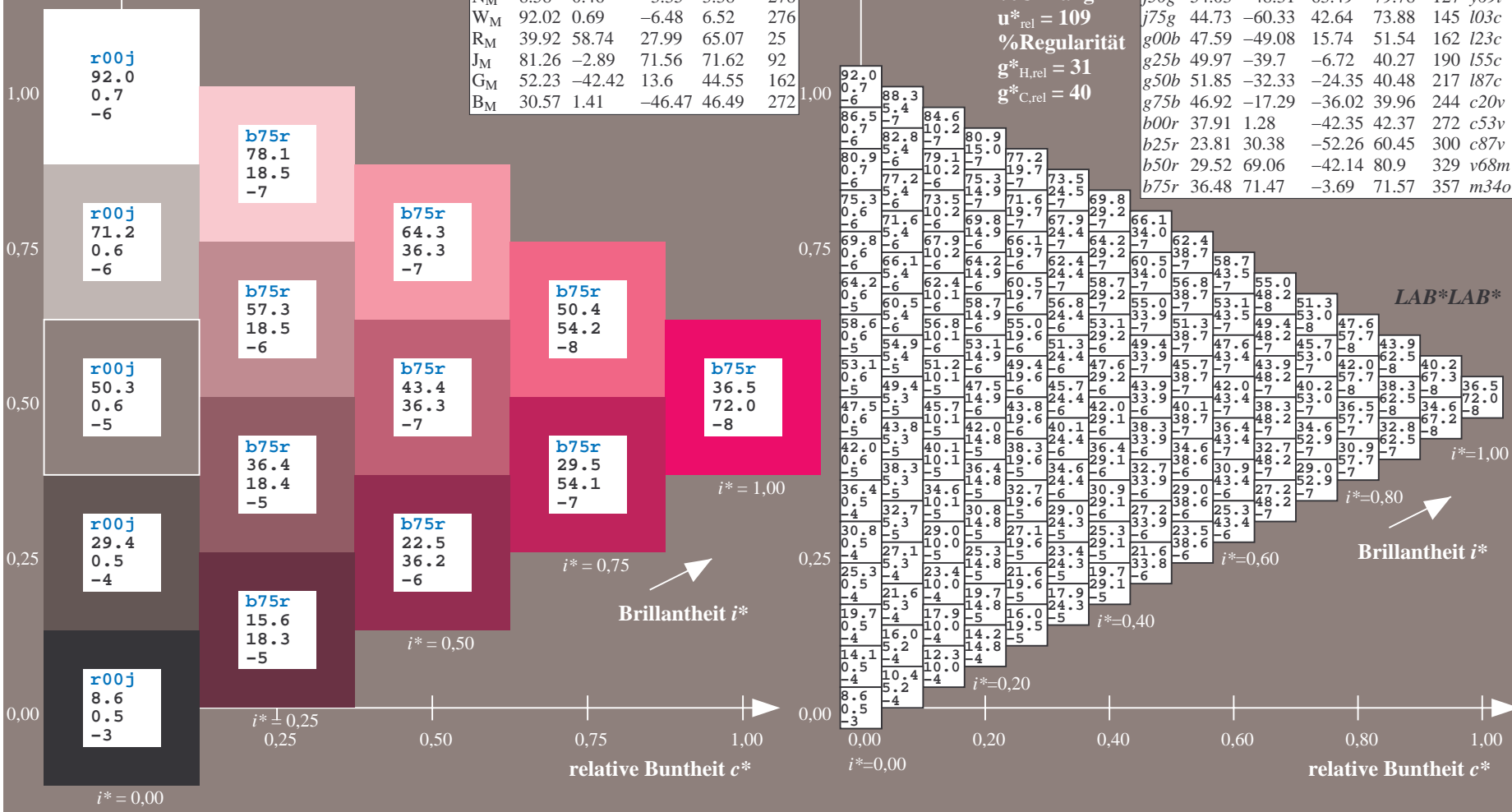
$u^*_{rel} = 109$

%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			



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg10/>; [www.ps.bam.de/Eg10L10G00NA.PS/.TXT](http://www.ps.bam.de/Eg10L10G00NA.PS/.TXT)  
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,ColSp=0)

BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

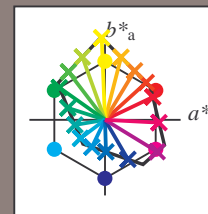
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	0.5	-7.4	-15.2	-23.0	-30.8	-38.6	-46.5	-54.3	-62.1	-69.9	-77.7	-85.5	-93.3	-101.1	-108.9	-116.7	-124.5	-132.3	-140.1	-147.9	-155.7	-163.5	-171.3	-179.1	-186.9	-194.7	-202.5	-210.3	-218.1	-225.9	-233.7	-241.5	-249.3	-257.1	-264.9	-272.7	-280.5	-288.3	-296.1	-303.9	-311.7	-319.5	-327.3	-335.1	-342.9	-350.7	-358.5	-366.3	-374.1	-381.9	-389.7	-397.5	-405.3	-413.1	-420.9	-428.7	-436.5	-444.3	-452.1	-459.9	-467.7	-475.5	-483.3	-491.1	-498.9	-506.7	-514.5	-522.3	-530.1	-537.9	-545.7	-553.5	-561.3	-569.1	-576.9	-584.7	-592.5	-600.3	-608.1	-615.9	-623.7	-631.5	-639.3	-647.1	-654.9	-662.7	-670.5	-678.3	-686.1	-693.9	-701.7	-709.5	-717.3	-725.1	-732.9	-740.7	-748.5	-756.3	-764.1	-771.9	-779.7	-787.5	-795.3	-803.1	-810.9	-818.7	-826.5	-834.3	-842.1	-849.9	-857.7	-865.5	-873.3	-881.1	-888.9	-896.7	-904.5	-912.3	-920.1	-927.9	-935.7	-943.5	-951.3	-959.1	-966.9	-974.7	-982.5	-990.3	-998.1	-1005.9	-1013.7	-1021.5	-1029.3	-1037.1	-1044.9	-1052.7	-1060.5	-1068.3	-1076.1	-1083.9	-1091.7	-1099.5	-1107.3	-1115.1	-1122.9	-1130.7	-1138.5	-1146.3	-1154.1	-1161.9	-1169.7	-1177.5	-1185.3	-1193.1	-1200.9	-1208.7	-1216.5	-1224.3	-1232.1	-1239.9	-1247.7	-1255.5	-1263.3	-1271.1	-1278.9	-1286.7	-1294.5	-1302.3	-1310.1	-1317.9	-1325.7	-1333.5	-1341.3	-1349.1	-1356.9	-1364.7	-1372.5	-1380.3	-1388.1	-1395.9	-1403.7	-1411.5	-1419.3	-1427.1	-1434.9	-1442.7	-1450.5	-1458.3	-1466.1	-1473.9	-1481.7	-1489.5	-1497.3	-1505.1	-1512.9	-1520.7	-1528.5	-1536.3	-1544.1	-1551.9	-1559.7	-1567.5	-1575.3	-1583.1	-1590.9	-1598.7	-1606.5	-1614.3	-1622.1	-1629.9	-1637.7	-1645.5	-1653.3	-1661.1	-1668.9	-1676.7	-1684.5	-1692.3	-1700.1	-1707.9	-1715.7	-1723.5	-1731.3	-1739.1	-1746.9	-1754.7	-1762.5	-1770.3	-1778.1	-1785.9	-1793.7	-1801.5	-1809.3	-1817.1	-1824.9	-1832.7	-1840.5	-1848.3	-1856.1	-1863.9	-1871.7	-1879.5	-1887.3	-1895.1	-1902.9	-1910.7	-1918.5	-1926.3	-1934.1	-1941.9	-1949.7	-1957.5	-1965.3	-1973.1	-1980.9	-1988.7	-1996.5	-2004.3	-2012.1	-2019.9	-2027.7	-2035.5	-2043.3	-2051.1	-2058.9	-2066.7	-2074.5	-2082.3	-2090.1	-2097.9	-2105.7	-2113.5	-2121.3	-2129.1	-2136.9	-2144.7	-2152.5	-2160.3	-2168.1	-2175.9	-2183.7	-2191.5	-2199.3	-2207.1	-2214.9	-2222.7	-2230.5	-2238.3	-2246.1	-2253.9	-2261.7	-2269.5	-2277.3	-2285.1	-2292.9	-2300.7	-2308.5	-2316.3	-2324.1	-2331.9	-2339.7	-2347.5	-2355.3	-2363.1	-2370.9	-2378.7	-2386.5	-2394.3	-2402.1	-2409.9	-2417.7	-2425.5	-2433.3	-2441.1	-2448.9	-2456.7	-2464.5	-2472.3	-2480.1	-2487.9	-2495.7	-2503.5	-2511.3	-2519.1	-2526.9	-2534.7	-2542.5	-2550.3	-2558.1	-2565.9	-2573.7	-2581.5	-2589.3	-2597.1	-2604.9	-2612.7	-2620.5	-2628.3	-2636.1	-2643.9	-2651.7	-2659.5	-2667.3	-2675.1	-2682.9	-2690.7	-2698.5	-2706.3	-2714.1	-2721.9	-2729.7	-2737.5	-2745.3	-2753.1	-2760.9	-2768.7	-2776.5	-2784.3	-2792.1	-2800.0	-2807.8	-2815.6	-2823.4	-2831.2	-2839.0	-2846.8	-2854.6	-2862.4	-2870.2	-2878.0	-2885.8	-2893.6	-2901.4	-2909.2	-2917.0	-2924.8	-2932.6	-2940.4	-2948.2	-2956.0	-2963.8	-2971.6	-2979.4	-2987.2	-2995.0	-3002.8	-3010.6	-3018.4	-3026.2	-3034.0	-3041.8	-3049.6	-3057.4	-3065.2	-3073.0	-3080.8	-3088.6	-3096.4	-3104.2	-3112.0	-3119.8	-3127.6	-3135.4	-3143.2	-3151.0	-3158.8	-3166.6	-3174.4	-3182.2	-3190.0	-3197.8	-3205.6	-3213.4	-3221.2	-3229.0	-3236.8	-3244.6	-3252.4	-3260.2	-3268.0	-3275.8	-3283.6	-3291.4	-3299.2	-3307.0	-3314.8	-3322.6	-3330.4	-3338.2	-3346.0	-3353.8	-3361.6	-3369.4	-3377.2	-3385.0	-3392.8	-3400.6	-3408.4	-3416.2	-3424.0	-3431.8	-3439.6	-3447.4	-3455.2	-3463.0	-3470.8	-3478.6	-3486.4	-3494.2	-3502.0	-3509.8	-3517.6	-3525.4	-3533.2	-3541.0	-3548.8	-3556.6	-3564.4	-3572.2	-3580.0	-3587.8	-3595.6	-3603.4	-3611.2	-3619.0	-3626.8	-3634.6	-3642.4	-3650.2	-3658.0	-3665.8	-3673.6	-3681.4	-3689.2	-3697.0	-3704.8	-3712.6	-3720.4	-3728.2	-3736.0	-3743.8	-3751.6	-3759.4	-3767.2	-3775.0	-3782.8	-3790.6	-3798.4	-3806.2	-3814.0	-3821.8	-3829.6	-3837.4	-3845.2	-3853.0	-3860.8	-3868.6	-3876.4	-3884.2	-3892.0	-3900.0	-3907.8	-3915.6	-3923.4	-3931.2	-3939.0	-3946.8	-3954.6	-3962.4	-3970.2	-3978.0	-3985.8	-3993.6	-4001.4	-4009.2	-4017.0	-4024.8	-4032.6	-4040.4	-4048.2	-4056.0	-4063.8	-4071.6	-4079.4	-4087.2	-4095.0	-4102.8	-4110.6	-4118.4	-4126.2	-4134.0	-4141.8	-4149.6	-4157.4	-4165.2	-4173.0	-4180.8	-4188.6	-4196.4	-4204.2	-4212.0	-4219.8	-4227.6	-4235.4	-4243.2	-4251.0	-4258.8	-4266.6	-4274.4	-4282.2	-4290.0	-4297.8	-4305.6	-4313.4	-4321.2	-4329.0	-4336.8	-4344.6	-4352.4	-4360.2	-4368.0	-4375.8	-4383.6	-4391.4	-4399.2	-4407.0	-4414.8	-4422.6	-4430.4	-4438.2	-4446.0	-4453.8	-4461.6	-4469.4	-4477.2	-4485.0	-4492.8	-4500.6	-4508.4	-4516.2	-4524.0	-4531.8	-4539.6	-4547.4	-4555.2	-4563.0	-4570.8	-4578.6	-4586.4	-4594.2	-4602.0	-4609.8	-4617.6	-4625.4	-4633.2	-4641.0	-4648.8	-4656.6	-4664.4	-4672.2	-4680.0	-4687.8	-4695.6	-4703.4	-4711.2	-4719.0	-4726.8	-4734.6	-4742.4	-4750.2	-4758.0	-4765.8	-4773.6	-4781.4	-4789.2	-4797.0	-4804.8	-4812.6	-4820.4	-4828.2	-4836.0	-4843.8	-4851.6	-4859.4	-4867.2	-4875.0	-4882.8	-4890.6	-4898.4	-4906.2	-4914.0	-4921.8	-4929.6	-4937.4	-4945.2	-4953.0	-4960.8	-4968.6	-4976.4	-4984.2	-4992.0	-5000.0	-5007.8	-5015.6	-5023.4	-5031.2	-5039.0	-5046.8	-5054.6	-5062.4	-5070.2	-5078.0	-5085.8	-5093.6	-5101.4	-5109.2	-5117.0	-5124.8	-5132.6	-5140.4	-5148.2	-5156.0	-5163.8	-5171.6	-5179.4	-5187.2	-5195.0	-5202.8	-5210.6	-5218.4	-5226.2	-5234.0	-5241.8	-5249.6	-5257.4	-5265.2	-5273.0	-5280.8	-5288.6	-5296.4	-5304.2	-5312.0	-5319.8	-5327.6	-5335.4	-5343.2	-5351.0	-5358.8	-5366.6	-5374.4	-5382.2	-5390.0	-5397.8	-5405.6	-5413.4	-5421.2	-5429.0	-5436.8	-5444.6	-5452.4	-5460.2	-5468.0	-5475.8	-5483.6	-5491.4	-5499.2	-5507.0	-5514.8	-5522.6	-5530.4	-5538.2	-5546.0	-5553.8	-5561.6	-5569.4	-5577.2	-5585.0	-5592.8	-5600.6	-5608.4	-5616.2	-5624.0	-5631.8	-5639.6	-5647.4	-5655.2	-5663.0	-5670.8	-5678.6	-5686.4	-5694.2	-5702.0	-5709.8	-5717.6	-5725.4	-5733.2	-5741.0	-5748.8	-5756.6	-5764.4	-5772.2	-5780.0	-5787.8	-5795.6	-5803.4	-5811.2	-5819.0	-5826.8	-5834.6	-5842.4	-5850.2	-5858.0	-5865.8	-5873.6	-5881.4	-5889.2	-5897.0	-5904.8	-5912.6	-5920.4	-5928.2	-5936.0	-5943.8	-5951.6	-5959.4	-5967.2	-5975.0	-5982.8	-5990.6	-5998.4	-6006.2	-6014.0	-6021.8	-6029.6	-6037.4	-6045.2	-6053.0	-6060.8	-6068.6	-6076.4	-6084.2	-6092.0	-6100.0	-6107.8	-6115.6	-6123.4	-6131.2	-6139.0	-6146.8	-6154.6	-6162.4	-6170.2	-6178.0	-6185.8	-6193.6	-6201.4	-6209.2	-6217.0	-6224.8	-6232.6	-6240.4	-6248.2	-6256.0	-6263.8	-6271.6	-6279.4	-6287.2	-6295.0	-6302.8	-6310.6	-6318.4	-6326.2	-6334.0	-6341.8	-6349.6	-6357.4	-6365.2	-6373.0	-6380.8	-6388.6	-6396.4	-6404.2	-6412.0	-6419.8	-6427.6	-6435.4	-6443.2	-6451.0	-6458.8	-6466.6	-6474.4	-6482.2	-6490.0	-6497.8	-6505.6	-6513.4	-6521.2	-6529.0	-6536.8	-6544.6	-6552.4	-6560.2	-6568.0	-6575.8	-6583.6	-6591.4	-6599.2	-6607.0	-6614.8	-6622.6	-6630.4	-6638.2	-6646.0	-6653.8	-6661.6	-6669.4	-6677.2	-6685.0	-6692.8	-6700.6	-6708.4	-6716.2	-6724.0	-6731.8	-6739.6	-6747.4	-6755.2	-6763.0	-6770.8	-6778.6	-6786.4	-6794.2	-6802.0	-6809.8	-6817.6	-6825.4	-6833.2	-6841.0	-6848.8	-6856.6	-6864.4	-6872.2	-6888

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

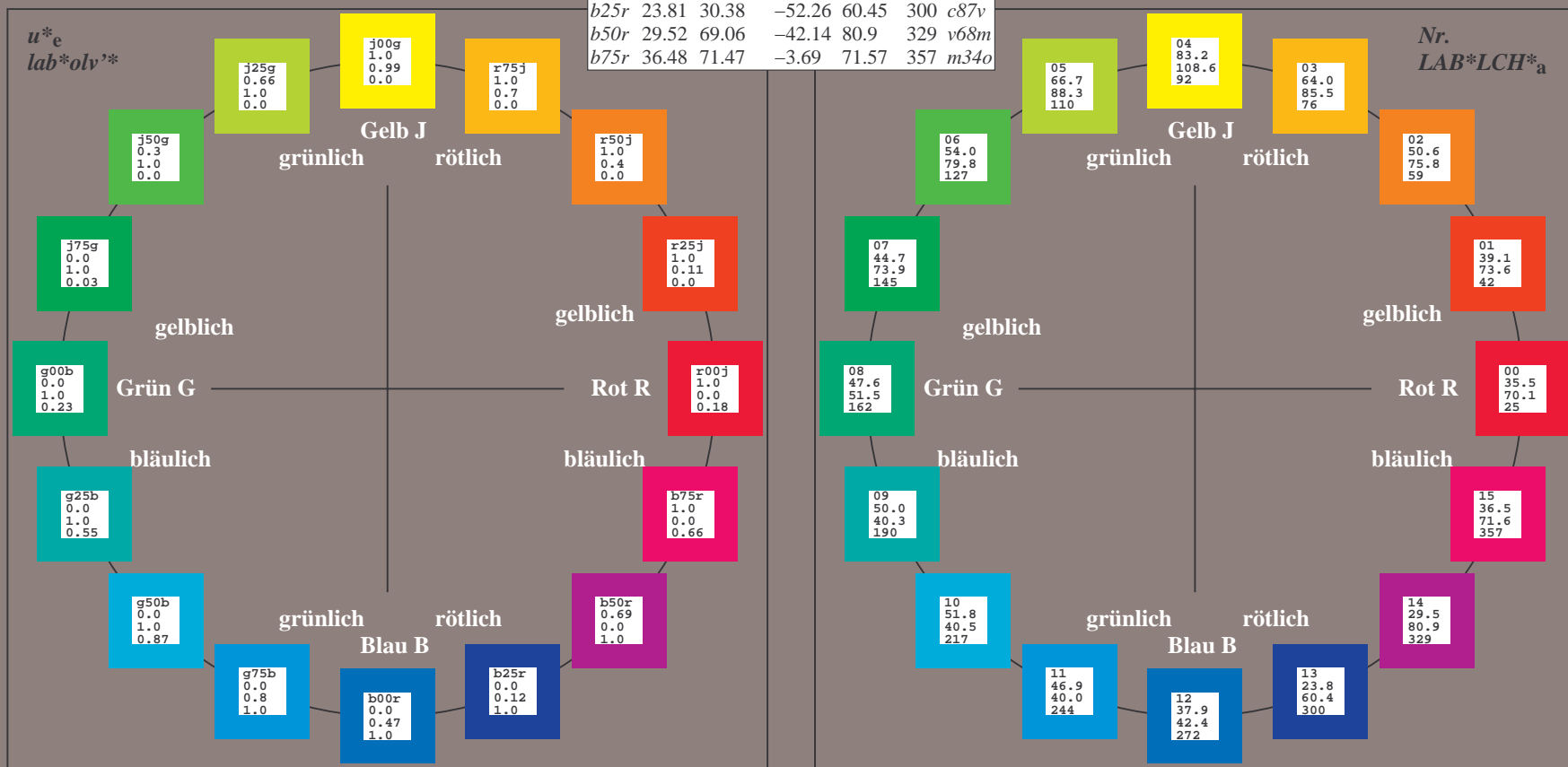
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	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; 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  $lab^*icu^*$

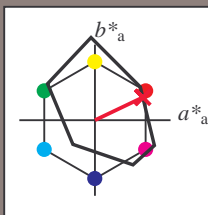
Bunttontexte:

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

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

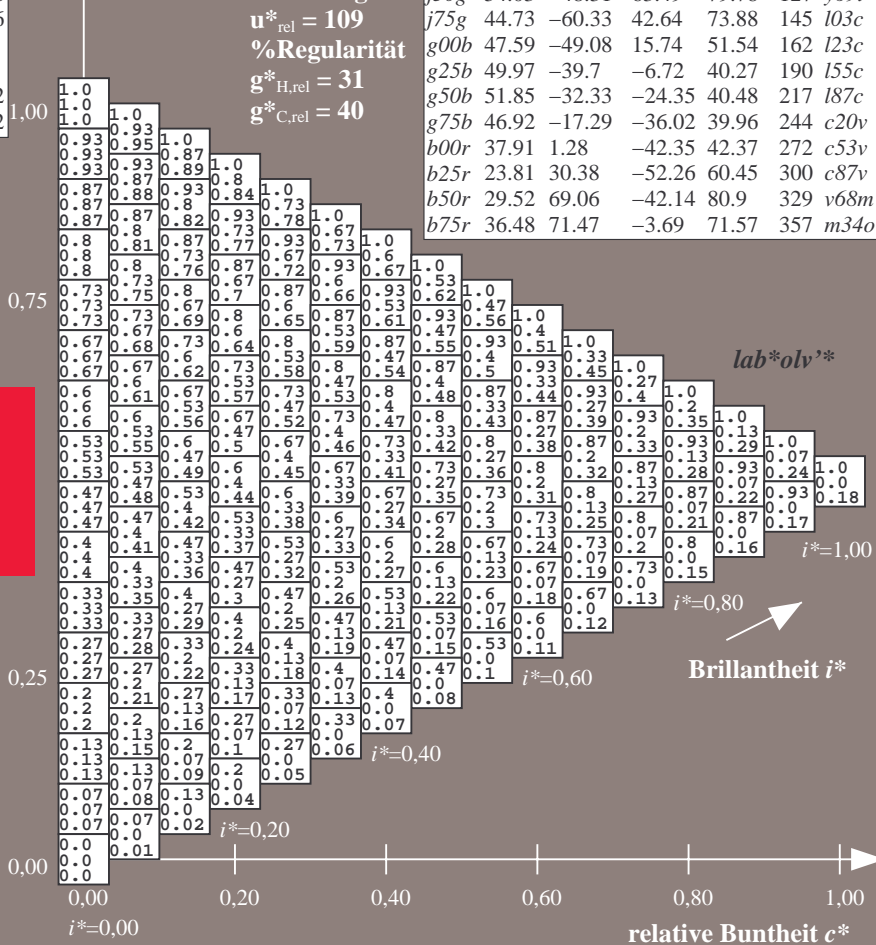
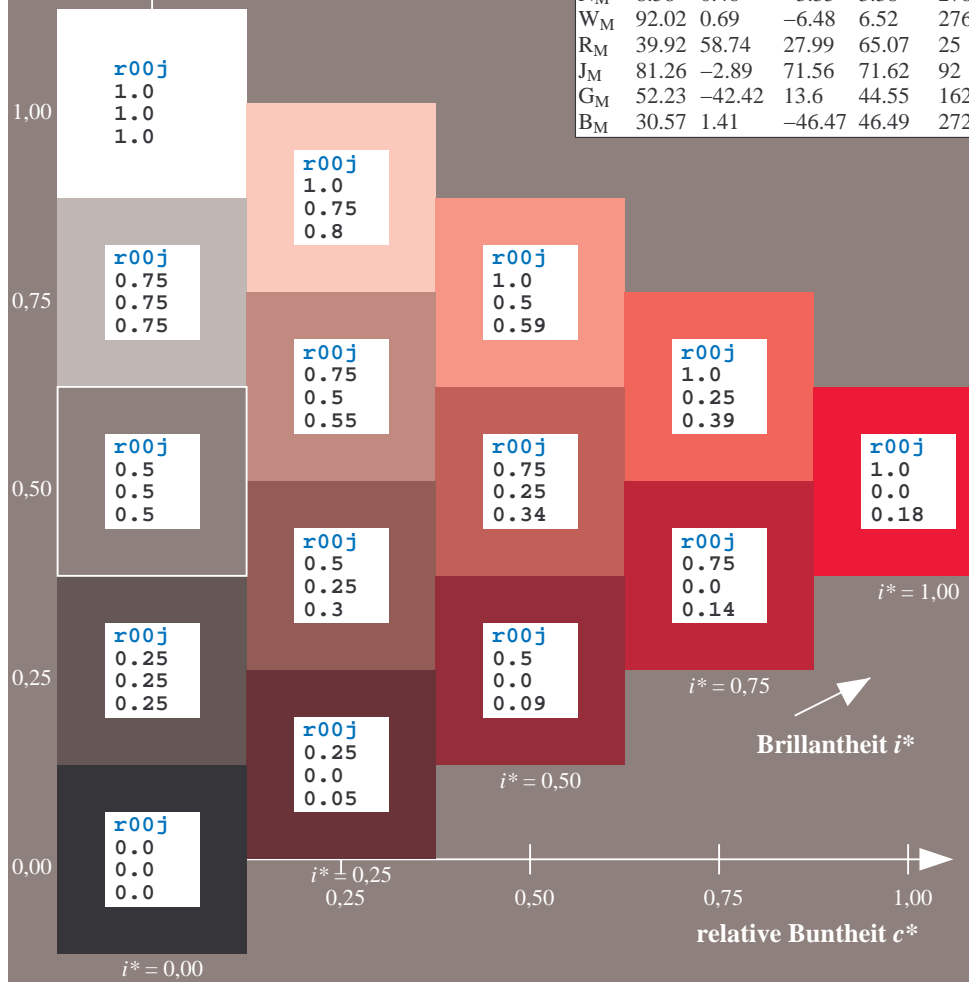
$u^*_{rel} = 109$

%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  $lab^*icu^*$

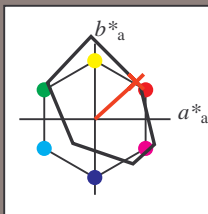
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



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):

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

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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  $lab^*icu^*$

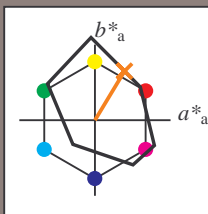
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



FRS09\_92a; 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
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  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

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

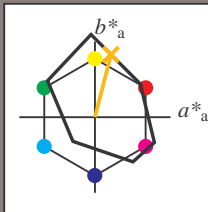
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; 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

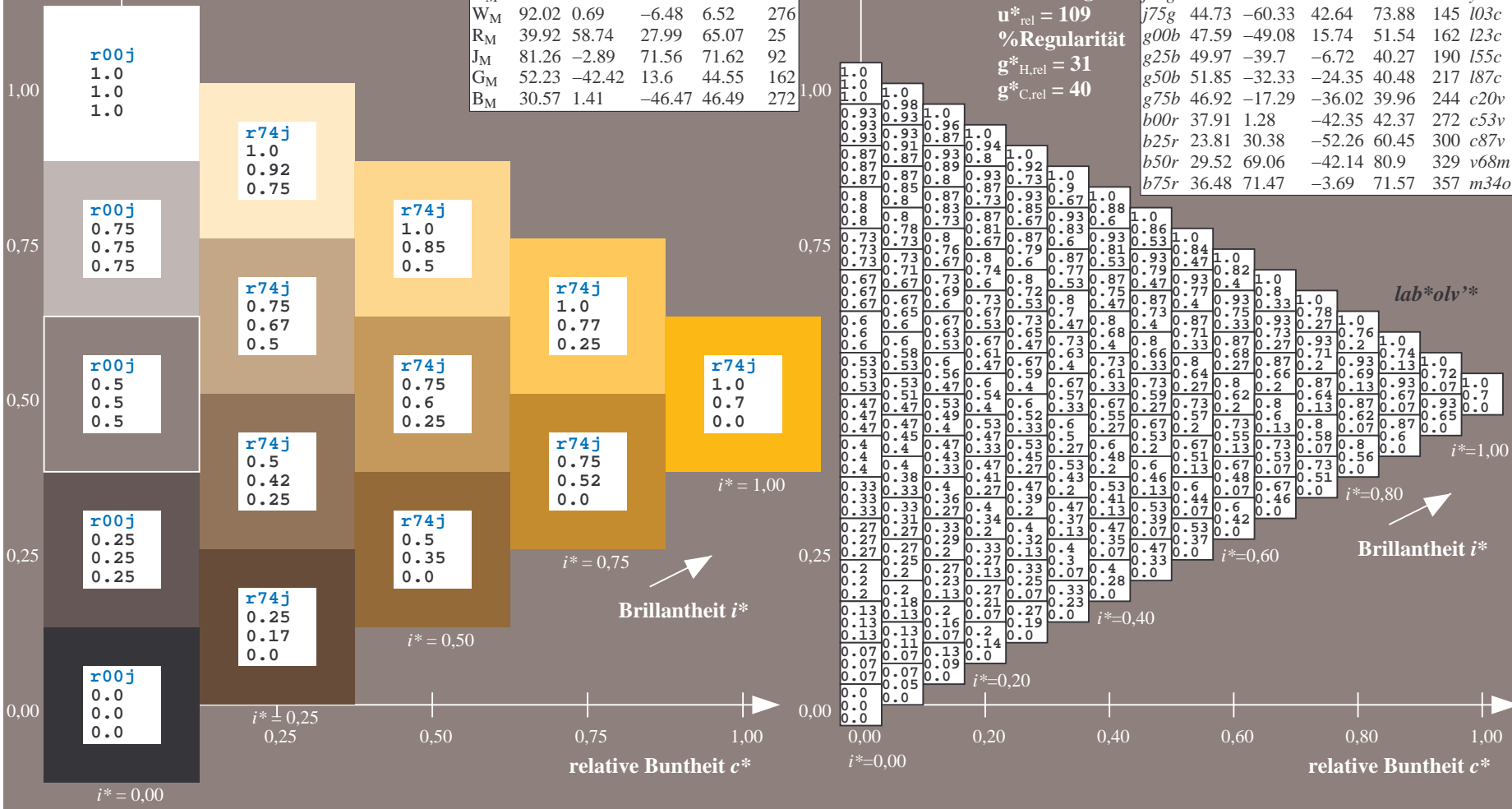
$u^*_{rel} = 109$

%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	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  $lab^*icu^*$

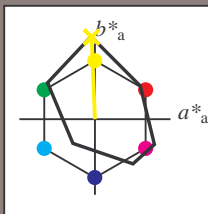
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$



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  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



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

Daten für jede Farbe:

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

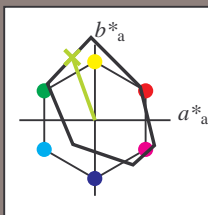
Bunttontexte:

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

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

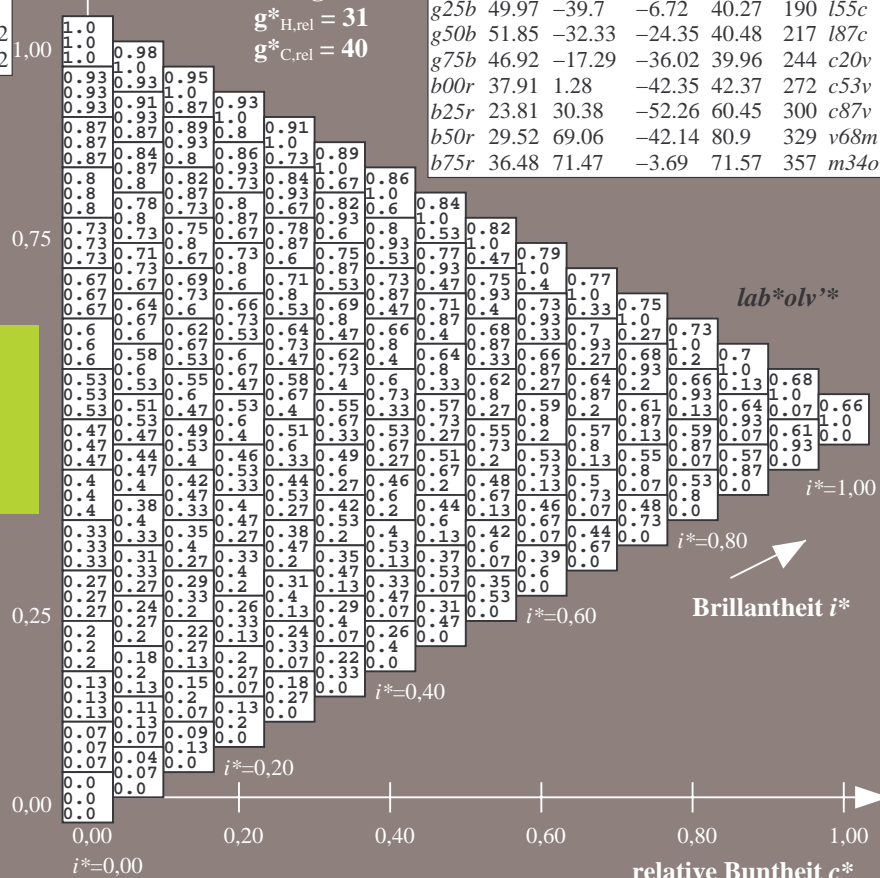
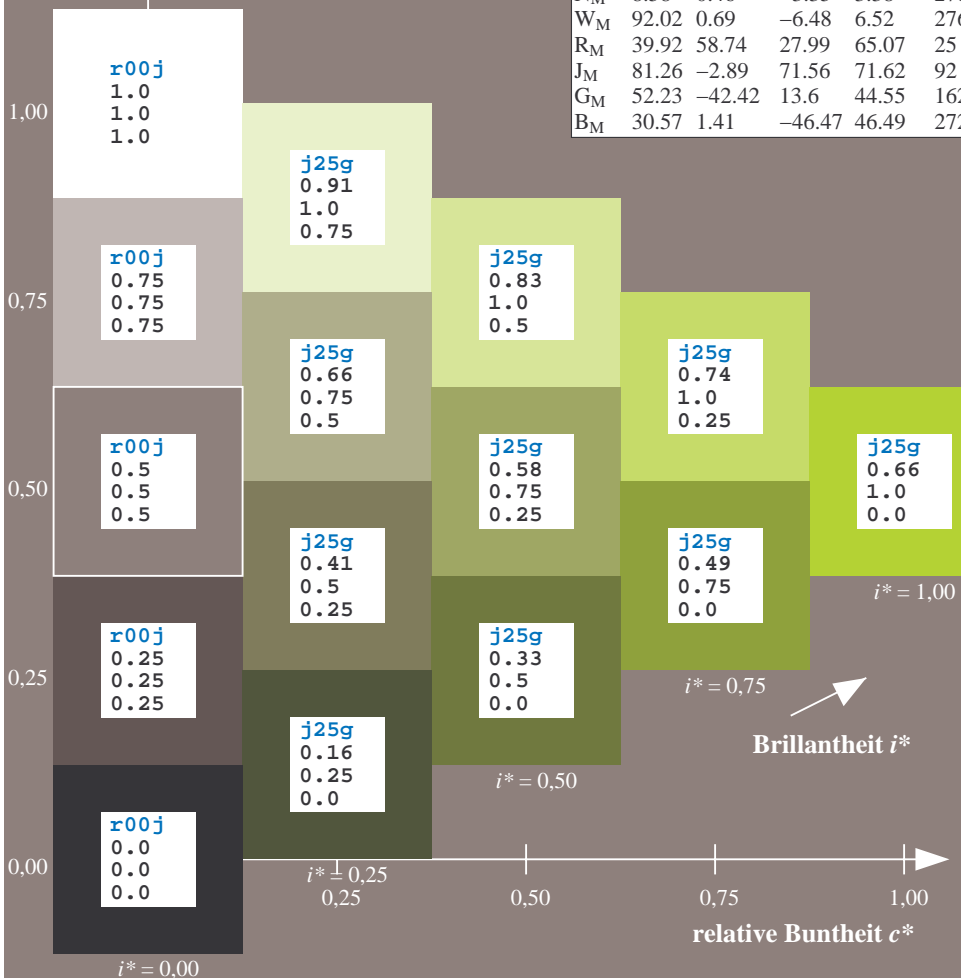
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$lab^*olv^*_{u^*_d}$		
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: Farbmétrisches 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\**

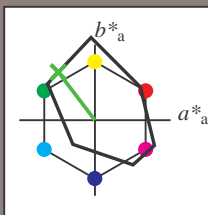
## Bunttexte:

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

**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	143	
C <sub>M</sub>	52.66	-28.56	-36.99	46.73	233	
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	270	
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	273	

**Daten für Maximalfarbe (Ma):**

***LAB\*LAB\**<sub>Ma</sub>: 54 –48 63**

**LAB\*LCH\***Ma: 54 80 127

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

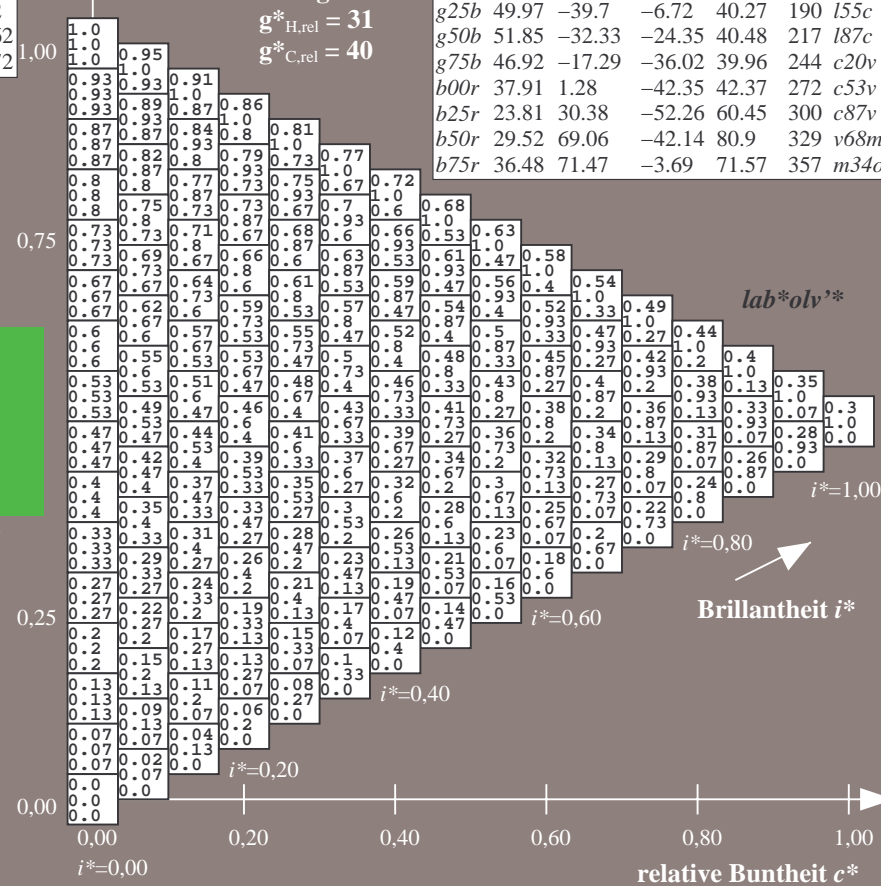
*lab\*rgb*<sub>Ma</sub>: 0.5 1.0 0.0  
*lab\*oly*<sub>Ma</sub>: 0.3 1.0 0.0

### Dreiecks-Helligkeit $t^*$

## %Umfang

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

### %Regularität

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


*lab\*oly\*\**

$$j^* = -1.00$$

## Brillantheit i\*

BAM-Prüfvorlage Eg10; Farbmimetrik-Systeme, Seite 242/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->cmY0\* setcmykcolor

BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/EgI0>; [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, ColSpx=0

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  $lab^*icu^*$

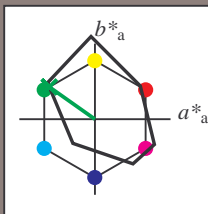
Bunttontexte:

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

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

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
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  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

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

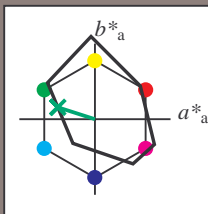
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; 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

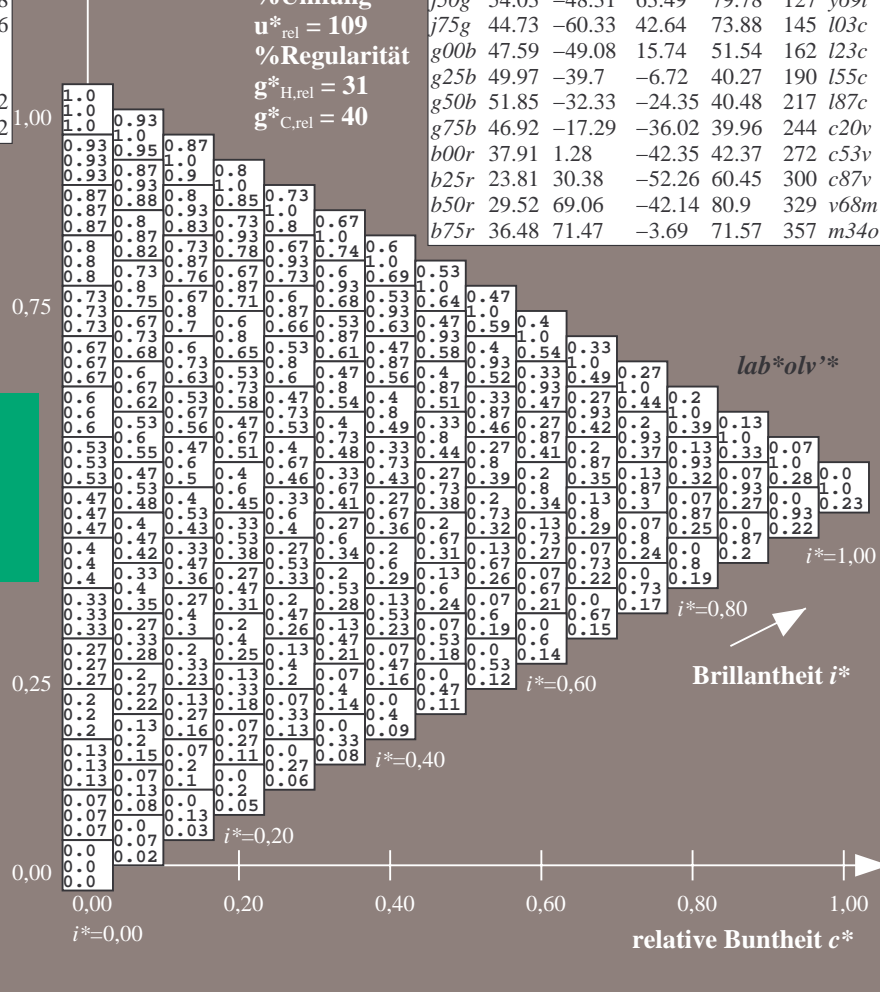
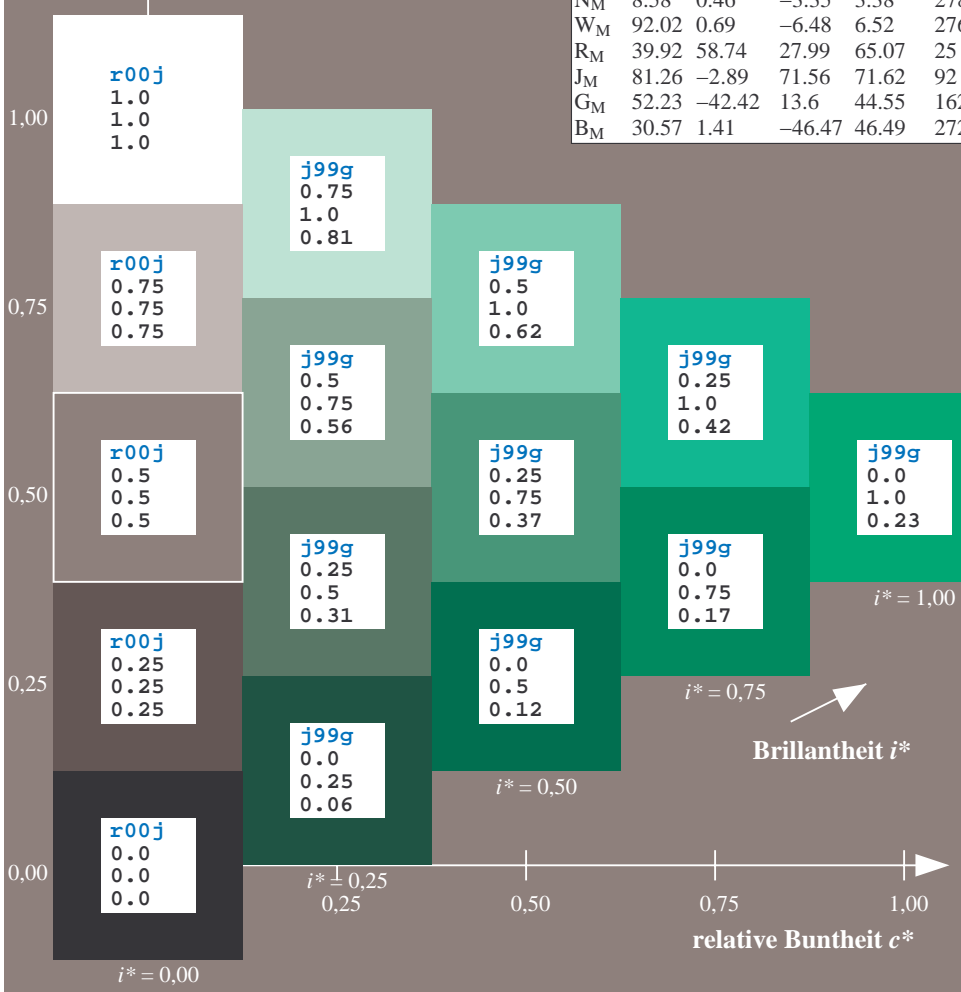
$u^*_{rel} = 109$

%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			



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  $lab^*icu^*$

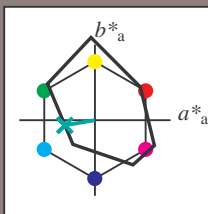
Bunttontexte:

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

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

$lab^*olv^*$

$i^* = 1.00$

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: 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  $lab^*icu^*$

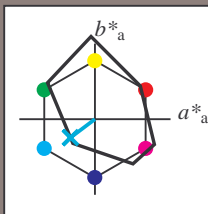
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



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):

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

$lab^*olv^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

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

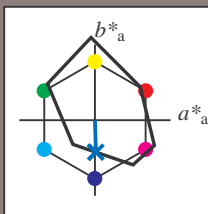
Bunttontexte:

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

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

$lab^*olv^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

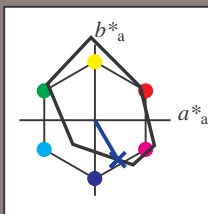
Bunttontexte:

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

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

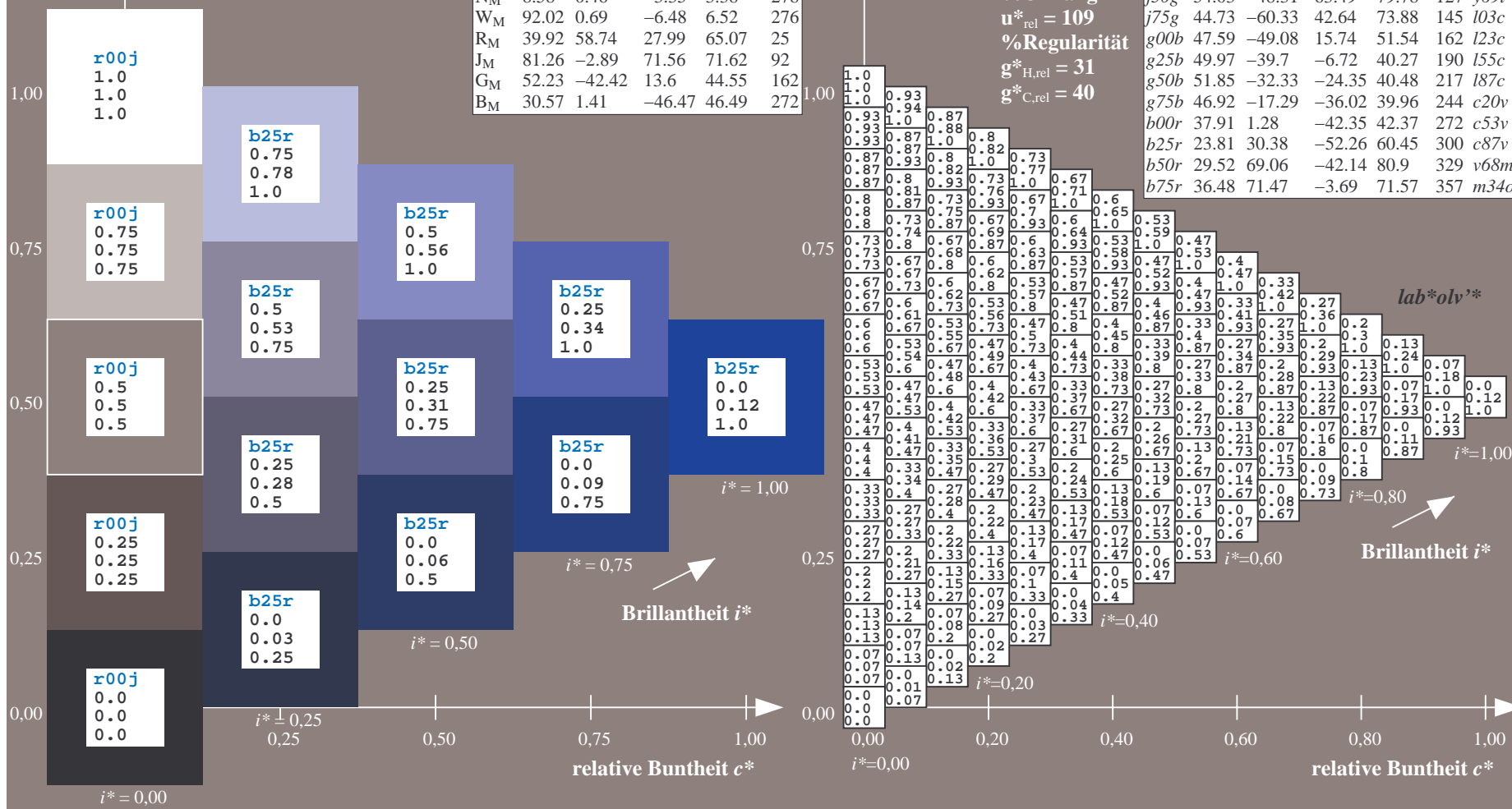
$u^*_{rel} = 109$

%Regularität

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

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

FRS09_92a; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$lab^*olv^*_{Ma}$	$u^*_d$		
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  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

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

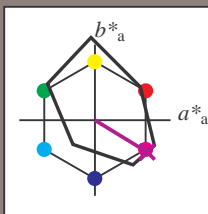
Bunttontexte:

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

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

$lab^*olv^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

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

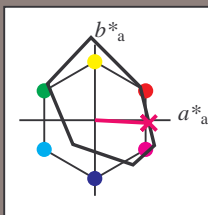
Bunttontexte:

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

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

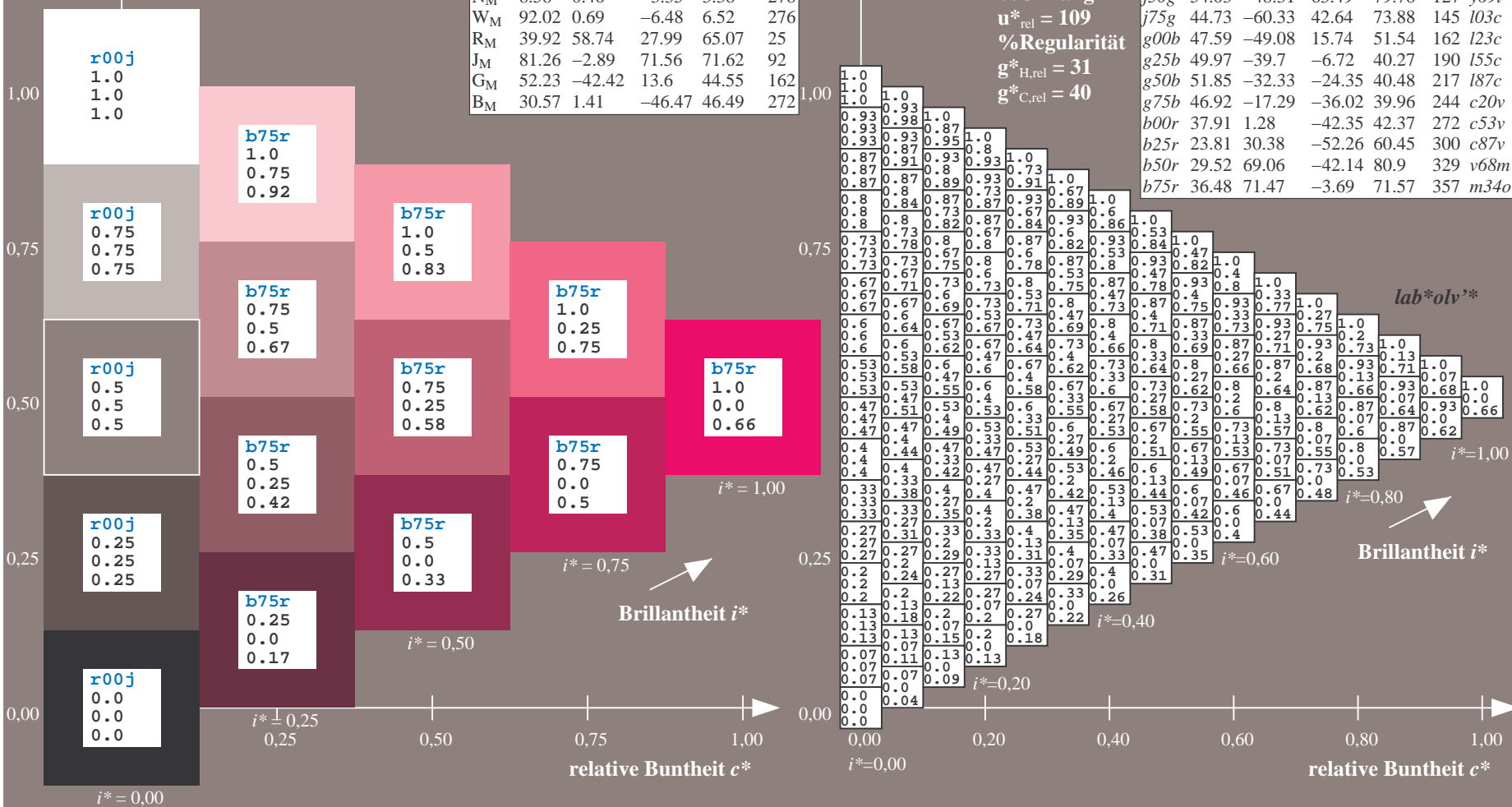
$u^*_{rel} = 109$

%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/Eg10/>; [www.ps.bam.de/Eg10L10G00NA.PS/.TXT](http://www.ps.bam.de/Eg10L10G00NA.PS/.TXT) BAM-Material: Code=rh4ta  
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	0.25	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	0.12	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	0.25	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
03	0.13	0.13	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	0.13	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	
	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	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25
04	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	
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	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	
06	0.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38		
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	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		
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	0.75	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	
08	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	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75		
	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		
09	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	0.87	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	
10	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		
	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	1.0	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	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0	
11	0.38	0.38	0.38	0.37	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	0.63	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		
	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	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	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0		
12	0.38	0.38	0.38	0.37	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	0.63	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		
	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	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			
13	0.12	0.13	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	0.12	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	
	0.38	0.38	0.38	0.37	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	0.63	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		
14	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	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75	
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13		
15	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	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	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.2	0.2	0.2	0.2		
	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	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	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.2	0.2	0.2	0.2			
16	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	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	0.2	0.2	0.2	0.2	
	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	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	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.27	0.27	0.27	0.27
17	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	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0														

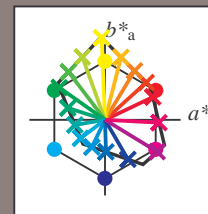
BAM-Registrierung: 20081001-Eg10/10L/L10G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

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  $r00j, r25j, ..., b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS09\_92a; adaptierte CIELAB-Daten

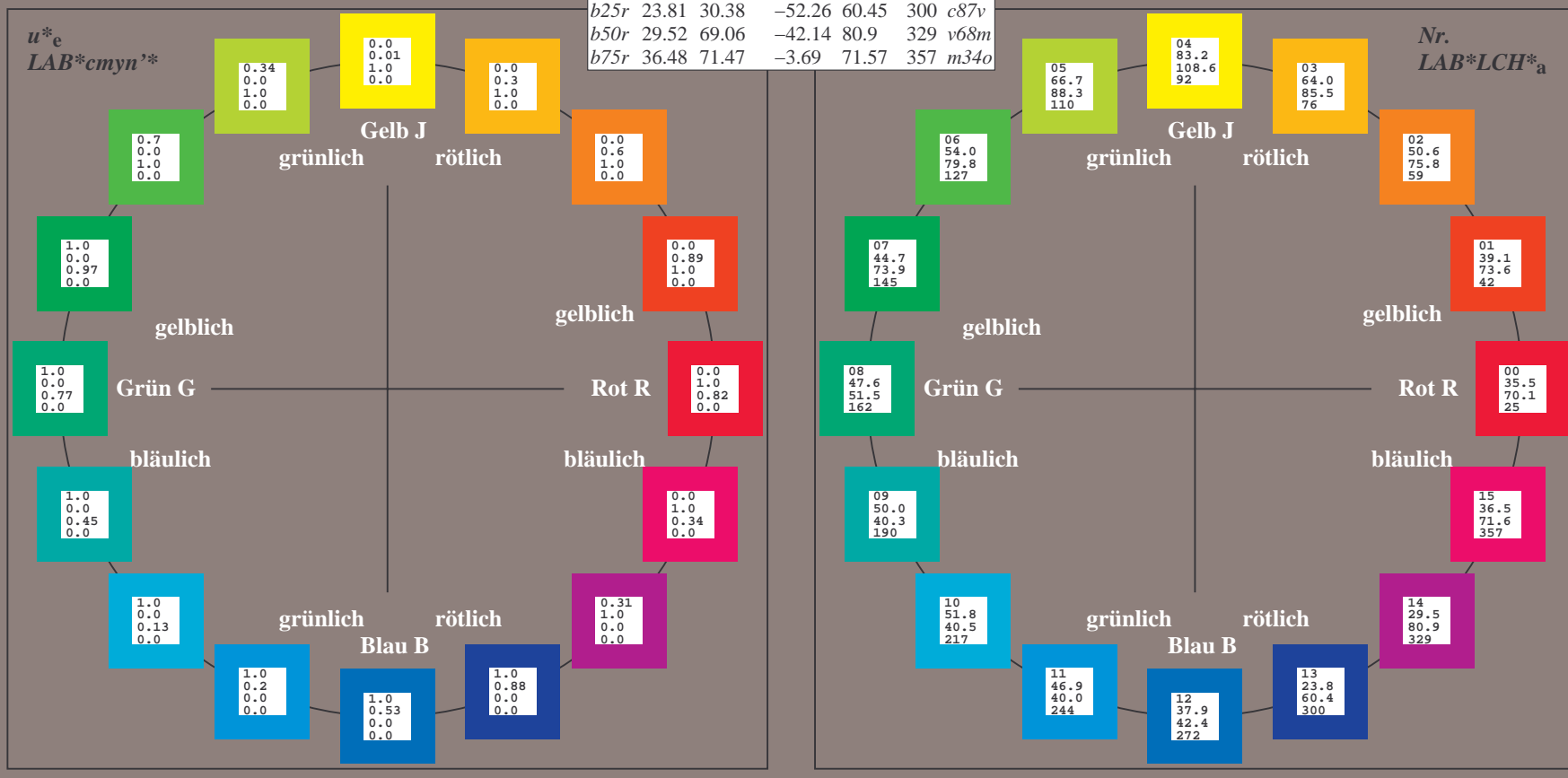
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	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:

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

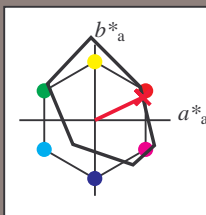
Bunttontexte:

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

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

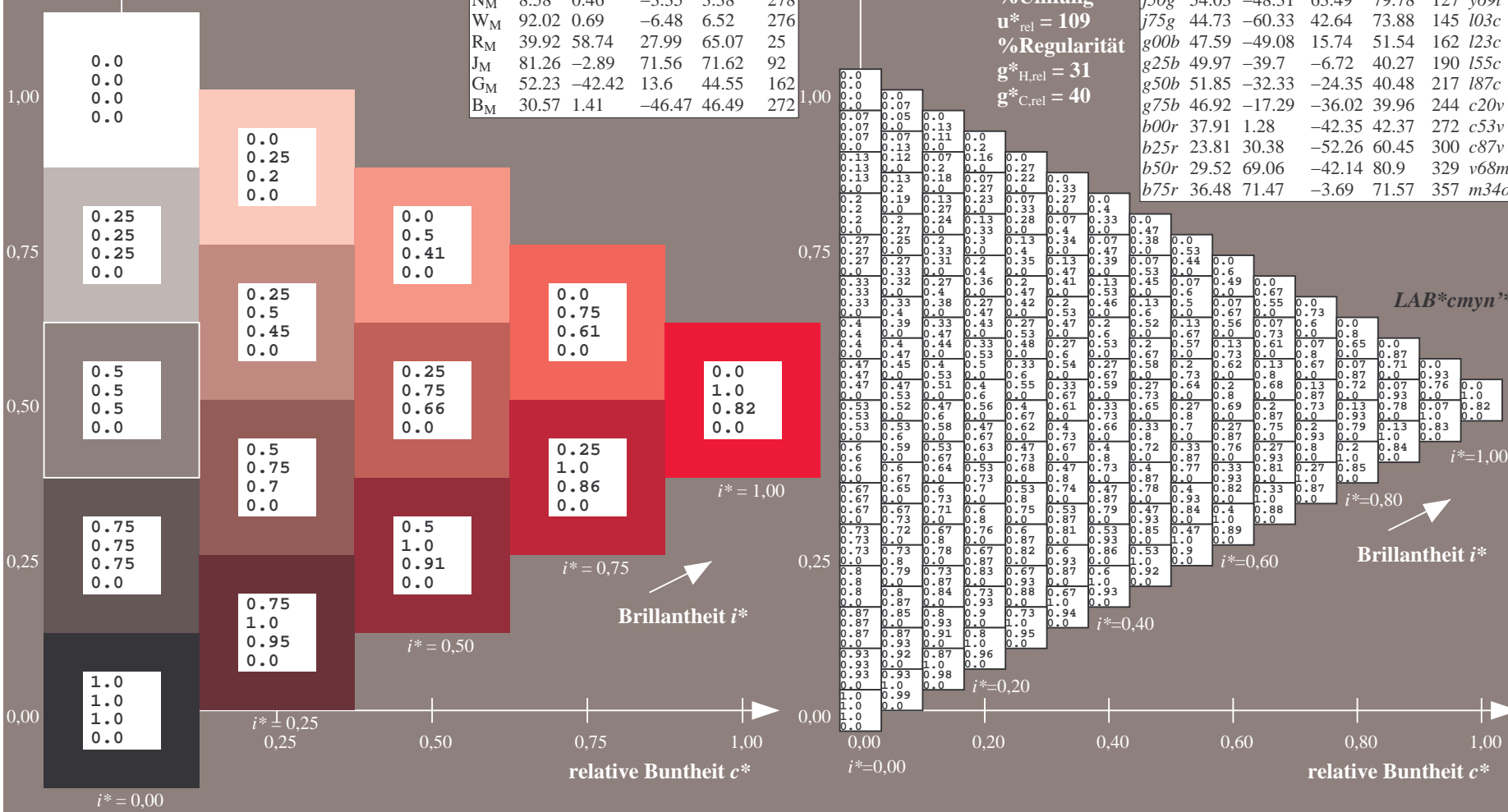
$u^*_{rel} = 109$

%Regularität

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

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

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  $lab^*icu^*$

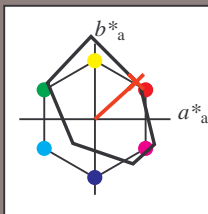
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; 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			

$LAB^*cmyn^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

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

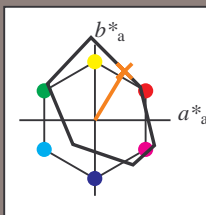
Bunttontexte:

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

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

$u^*_{rel} = 109$

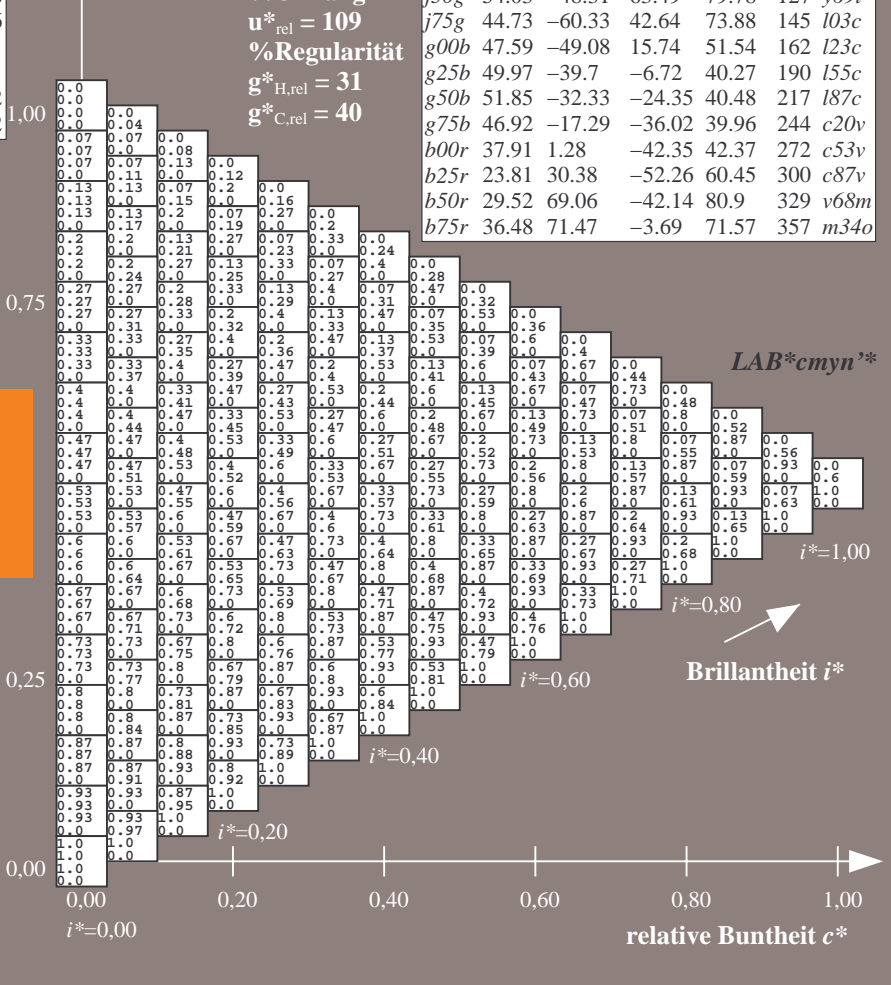
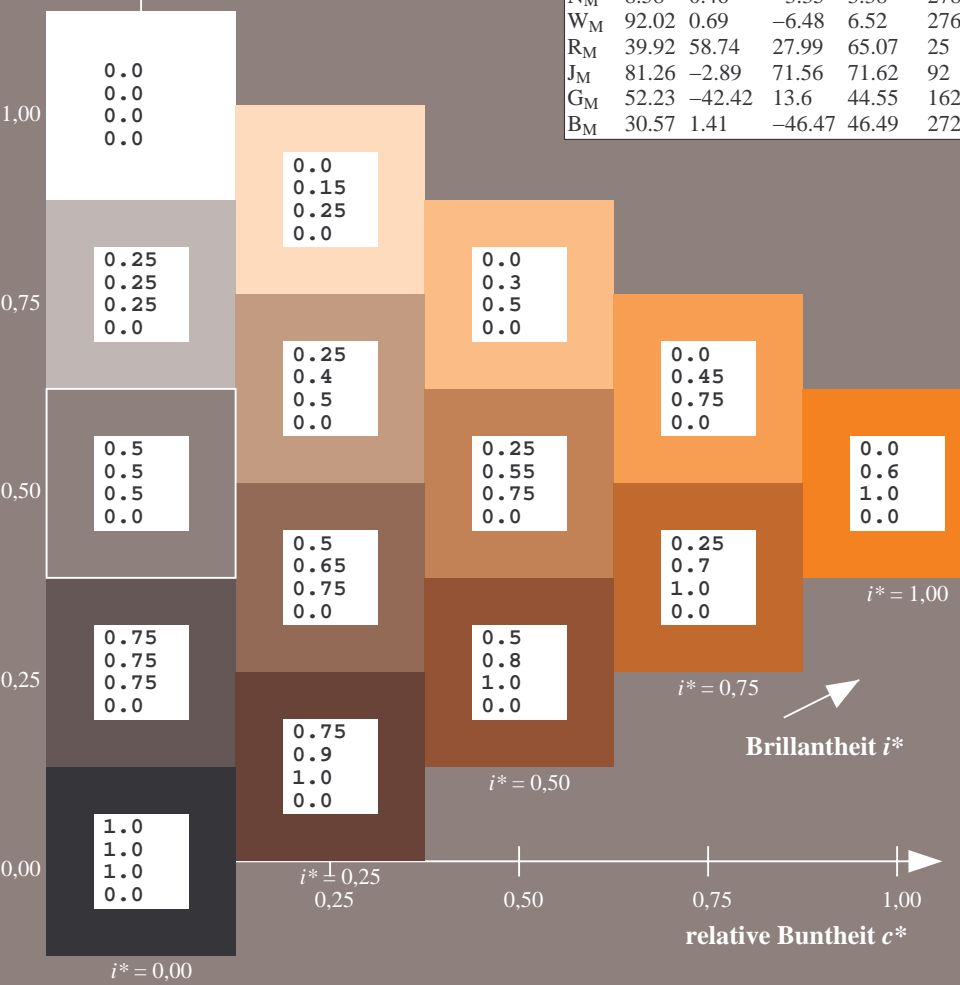
%Regularität

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

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

$u^*_e = r50j$   
 $LAB^*cmyn^*$

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: 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  $lab^*icu^*$

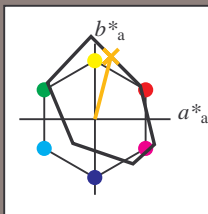
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; 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: 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  $lab^*icu^*$

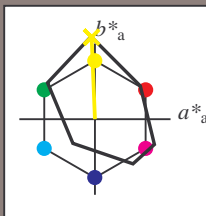
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; 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			

$LAB^*cmy^n^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

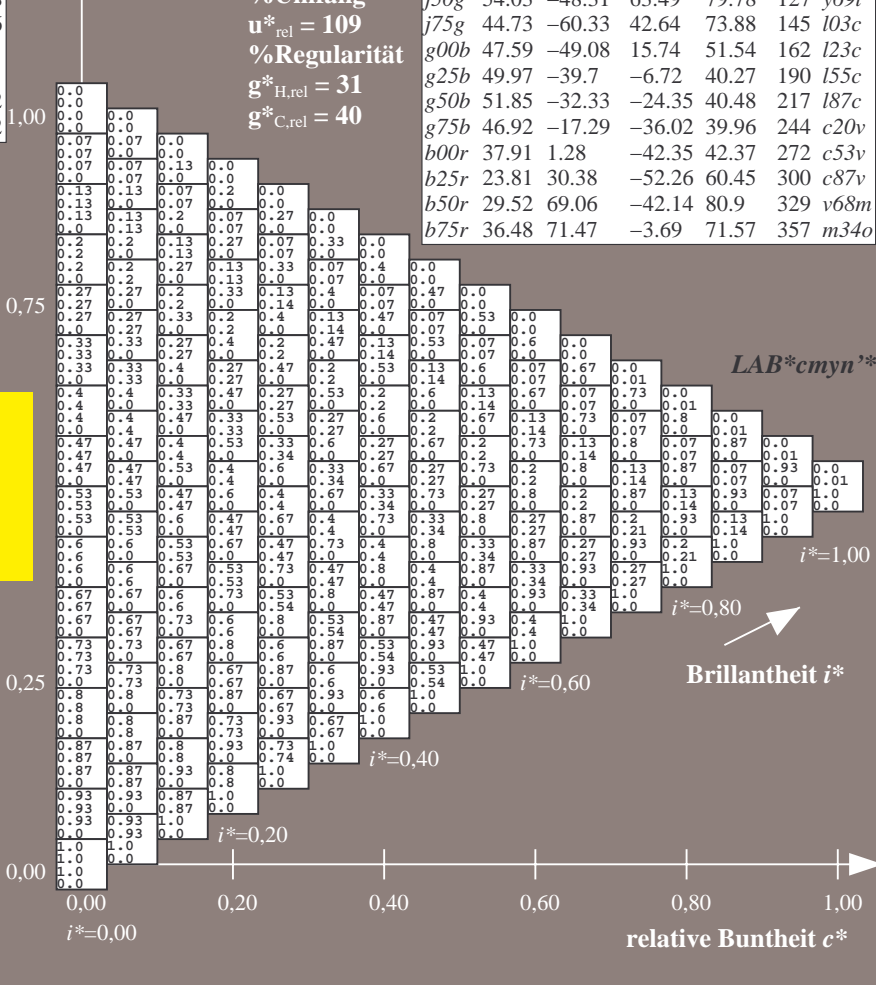
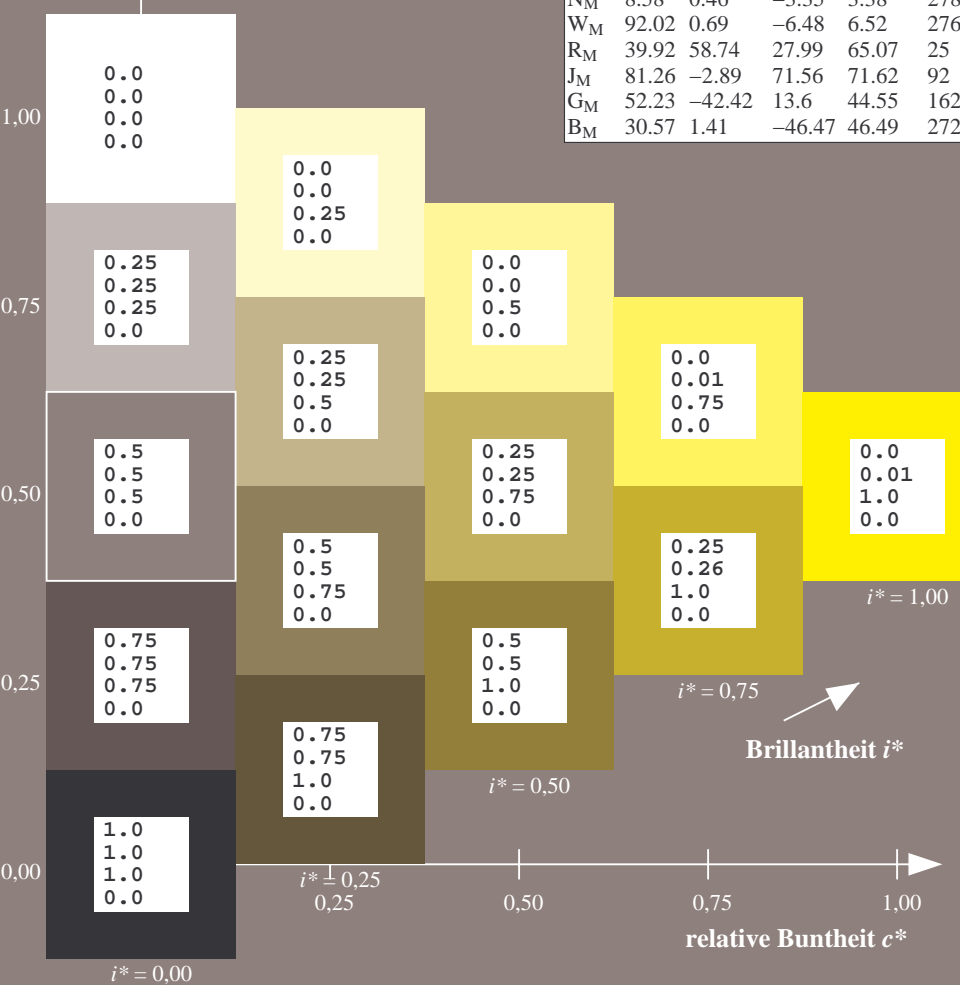
$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



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  $lab^*icu^*$

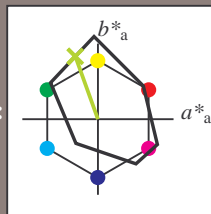
Bunttontexte:

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

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			

$LAB^*cmyn^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

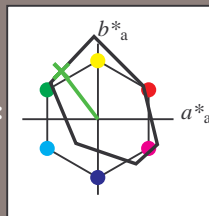
Bunttontexte:

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

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			

$LAB^*cmy^n^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$



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

Daten für jede Farbe:

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

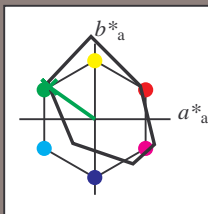
Bunttontexte:

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

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

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

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

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

$LAB^*cmyn^*$

$i^* = 1.00$

Brillanzheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

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  $lab^*icu^*$

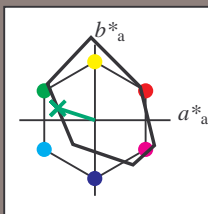
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09\_92a; 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

$LAB^*cmyn^*$

$i^*=1.00$

$i^*=0.80$

Brillantheit  $i^*$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Bunttheit  $c^*$

relative Bunttheit  $c^*$

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  $lab^*icu^*$

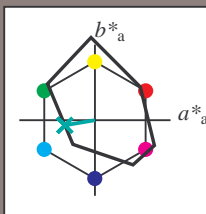
Bunttontexte:

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

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

$LAB^*cmyn^*$

$i^*=1.00$

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:

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

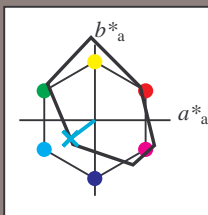
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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

$u^*_{rel} = 109$

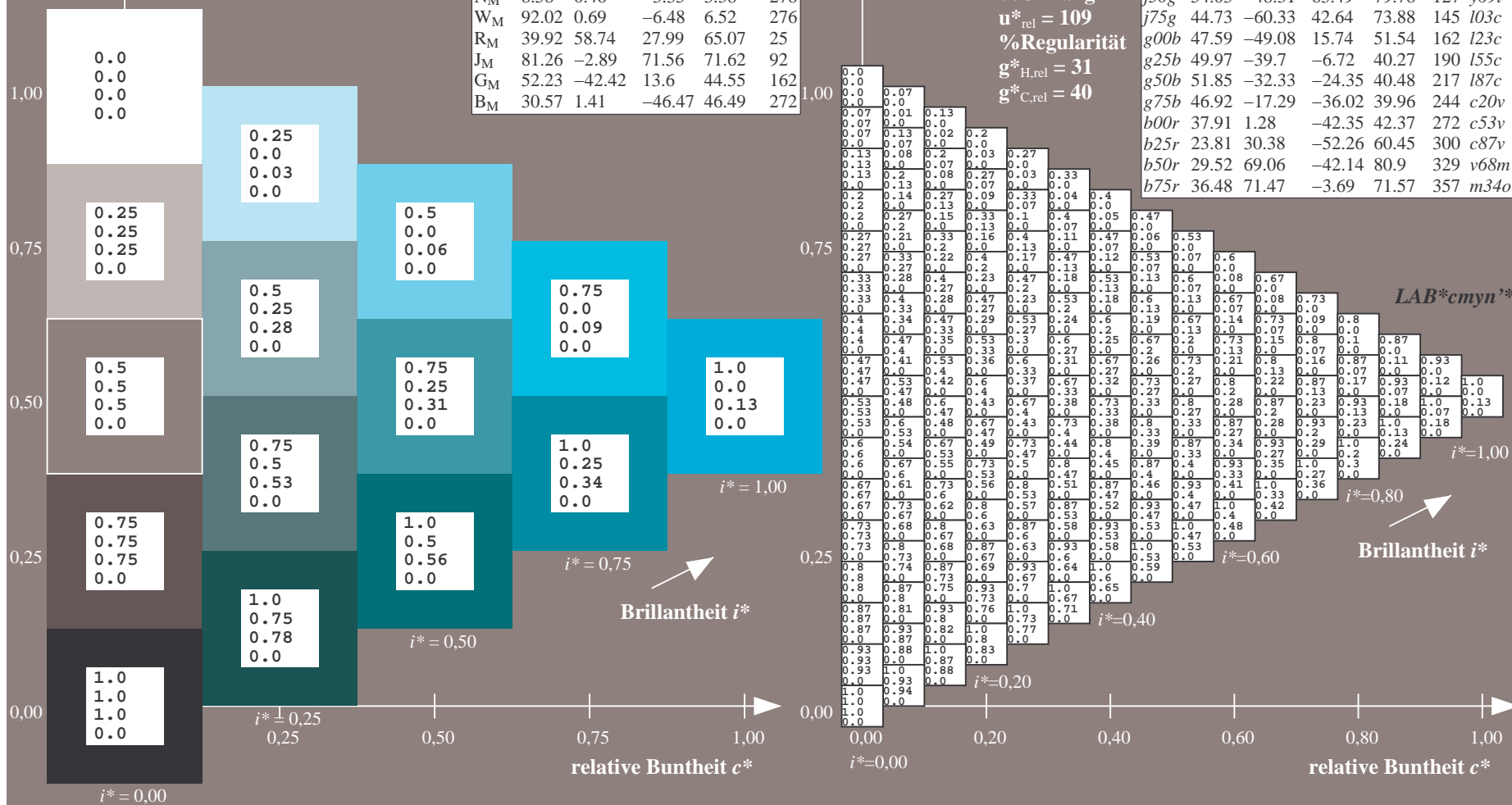
%Regularität

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

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

$u^*_e = g50b$   
 $LAB^*cmyn^*$

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			



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  $lab^*icu^*$

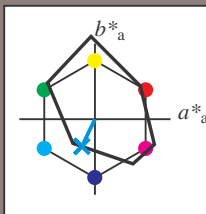
Bunttontexte:

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

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: 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  $lab^*icu^*$

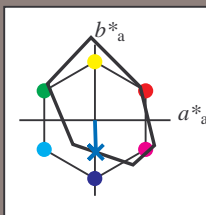
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; 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									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
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  $lab^*icu^*$

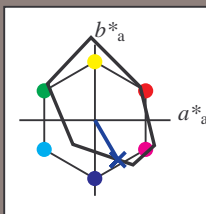
Bunttontexte:

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

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			

$LAB^*cmy^n^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

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

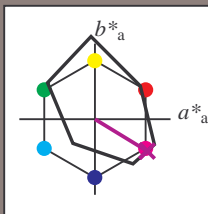
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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			

$LAB^*cmy^n^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

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

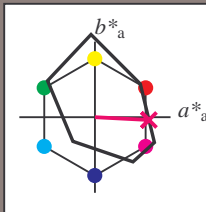
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS09_92a; 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			

$LAB^*cmyn^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

[illegible]