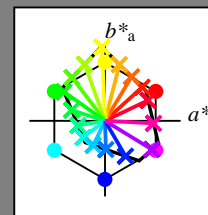


Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, ..., b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

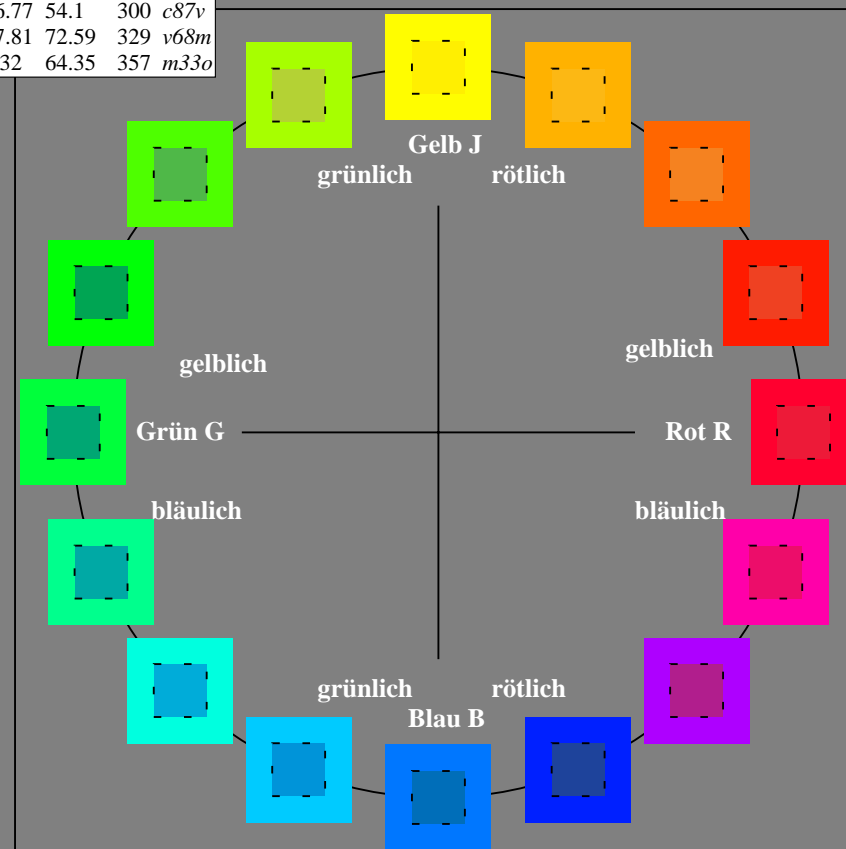
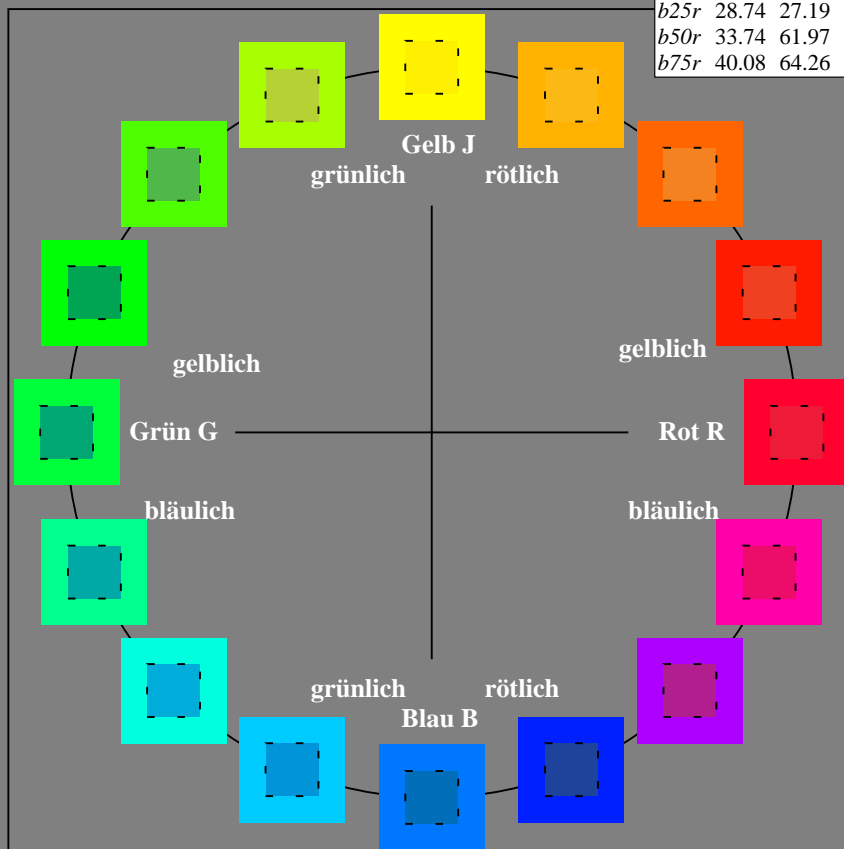
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	39.18	56.94	27.13	63.07	25	$m81o$
$r25j$	42.41	49.1	44.5	66.26	42	$o10y$
$r50j$	52.78	35.22	58.37	68.17	59	$o40y$
$r75j$	64.82	19.12	74.47	76.89	76	$o69y$
$j00g$	82.06	-3.94	97.52	97.6	92	$o98y$
$j25g$	67.26	-26.87	74.67	79.36	110	$y34l$
$j50g$	55.83	-43.45	57.11	71.76	127	$y69l$
$j75g$	47.5	-54.18	38.3	66.35	145	$l03c$
$g00b$	50.07	-44.09	14.13	46.3	162	$l23c$
$g25b$	52.21	-35.66	-6.03	36.17	190	$l55c$
$g50b$	53.9	-29.04	-21.87	36.36	217	$l87c$
$g75b$	49.44	-15.51	-32.31	35.84	244	$c20v$
$b00r$	41.36	1.15	-37.95	37.97	272	$c53v$
$b25r$	28.74	27.19	-46.77	54.1	300	$c87v$
$b50r$	33.74	61.97	-37.81	72.59	329	$v68m$
$b75r$	40.08	64.26	-3.32	64.35	357	$m33o$



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

FRS09\_92aM; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.8	53.92	39.68	66.95	36
$Y_{Ma}$	82.58	-4.64	98.22	98.33	93
$L_{Ma}$	46.95	-56.34	43.46	71.15	142
$C_{Ma}$	54.62	-26.2	-28.68	38.85	228
$V_{Ma}$	20.01	45.2	-52.87	69.56	311
$M_{Ma}$	40.88	70.68	-29.99	76.78	337
$N_{Ma}$	15.0	0.0	0.0	0.0	0
$W_{Ma}$	90.0	0.0	0.0	0.0	0
$R_{CIE}$	39.92	58.74	27.99	65.07	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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

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

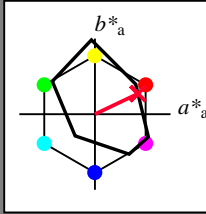
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

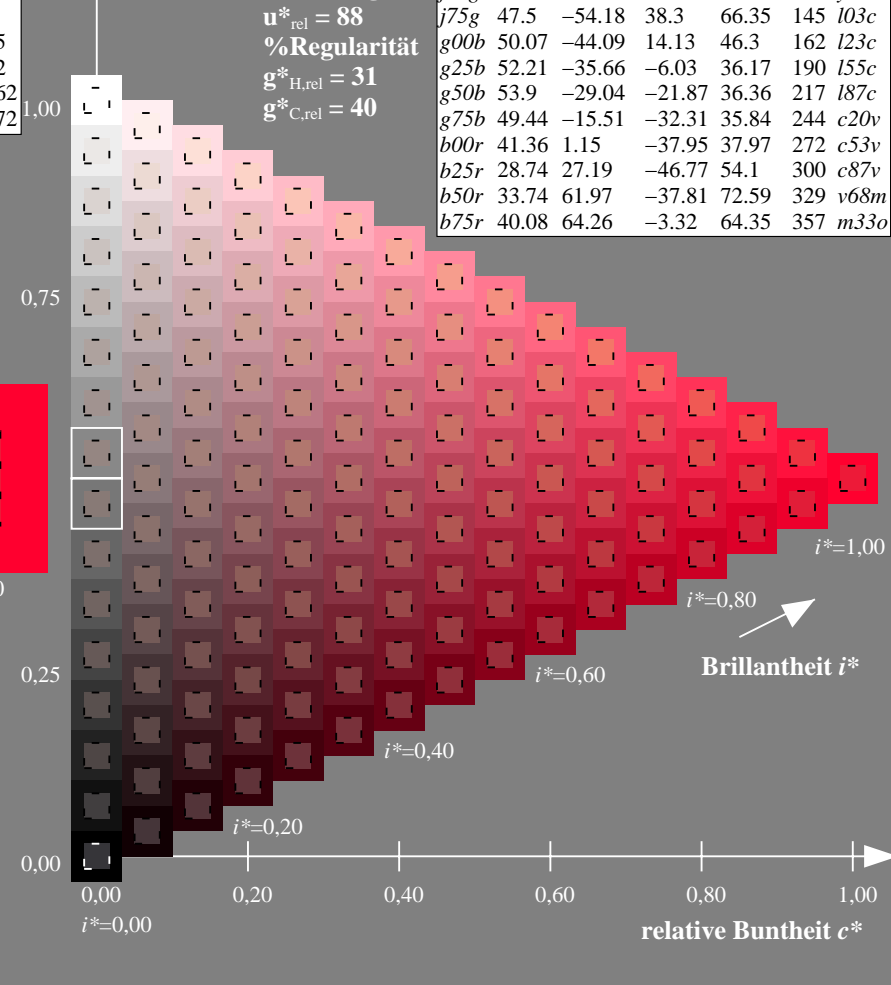
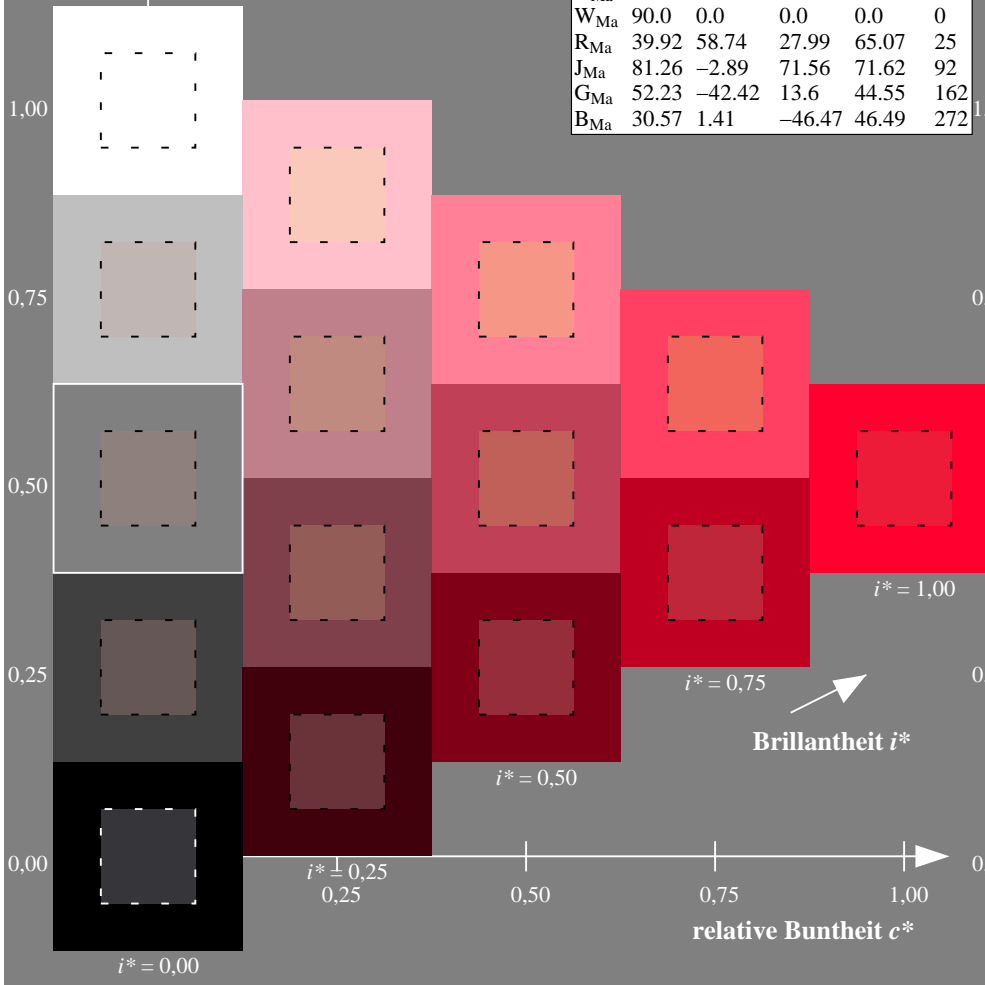
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

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

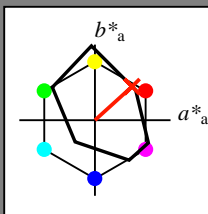
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

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

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

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

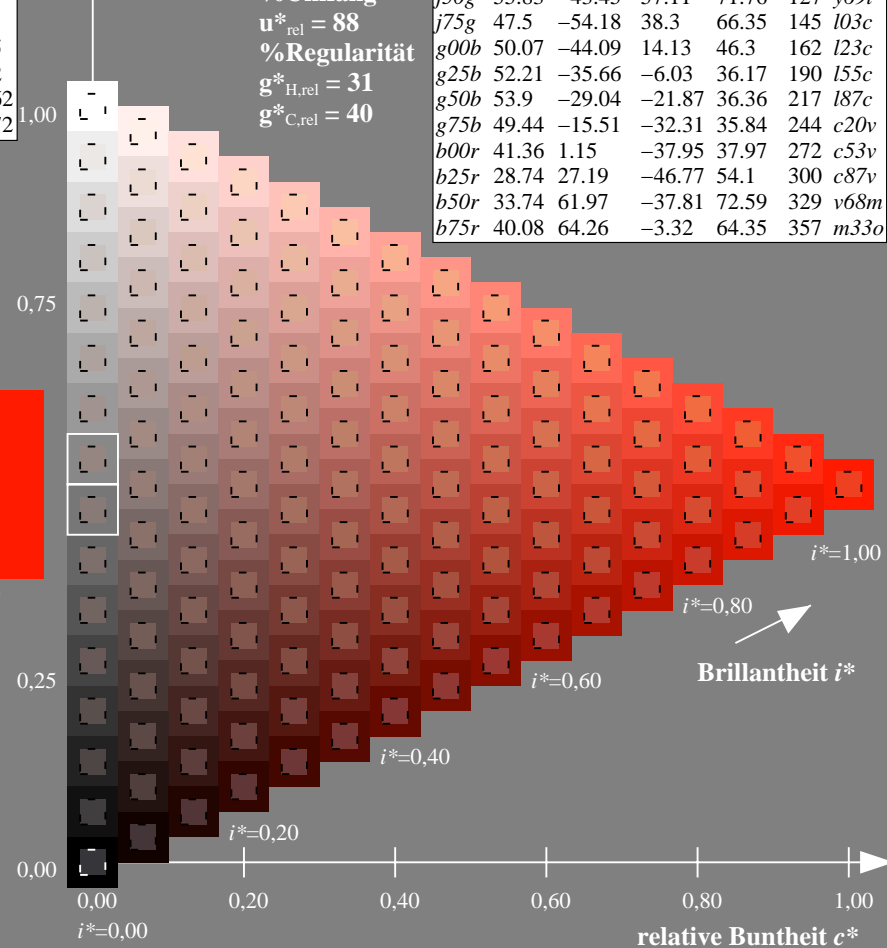
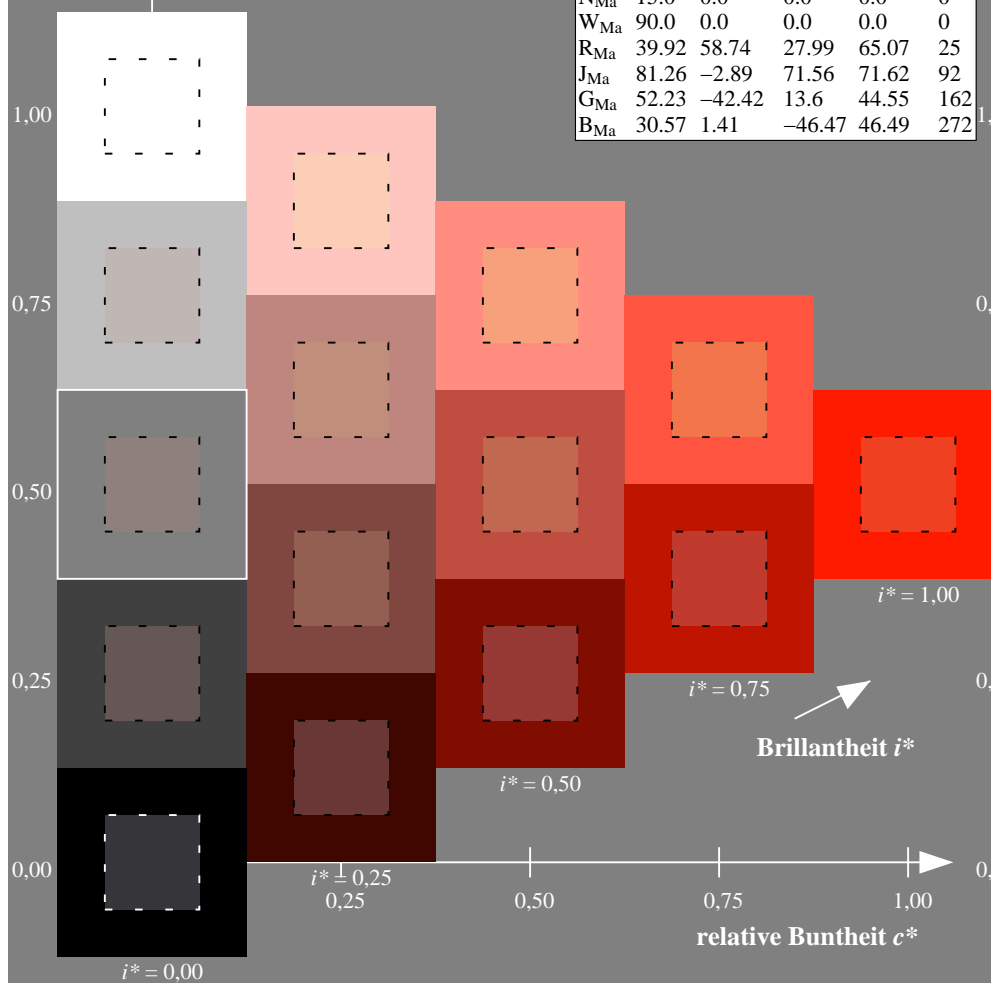
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$u^*_e = r25j$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

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

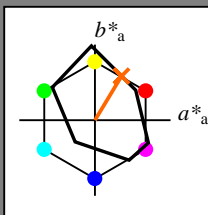
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

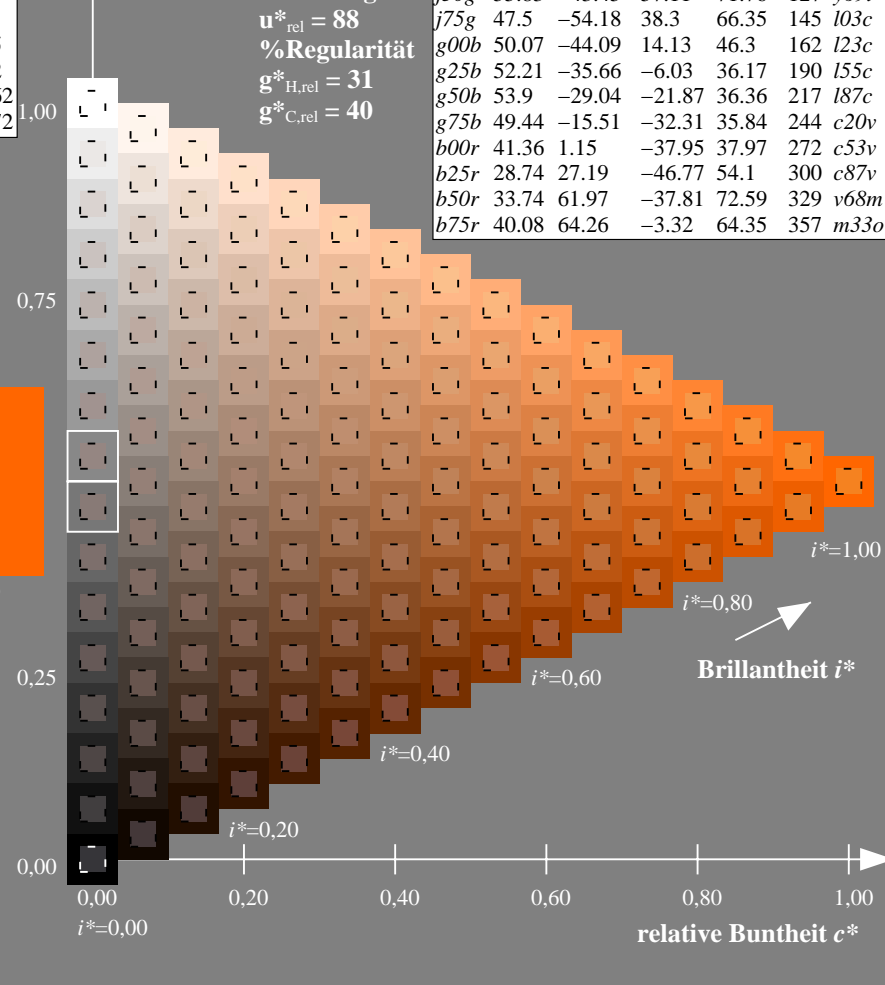
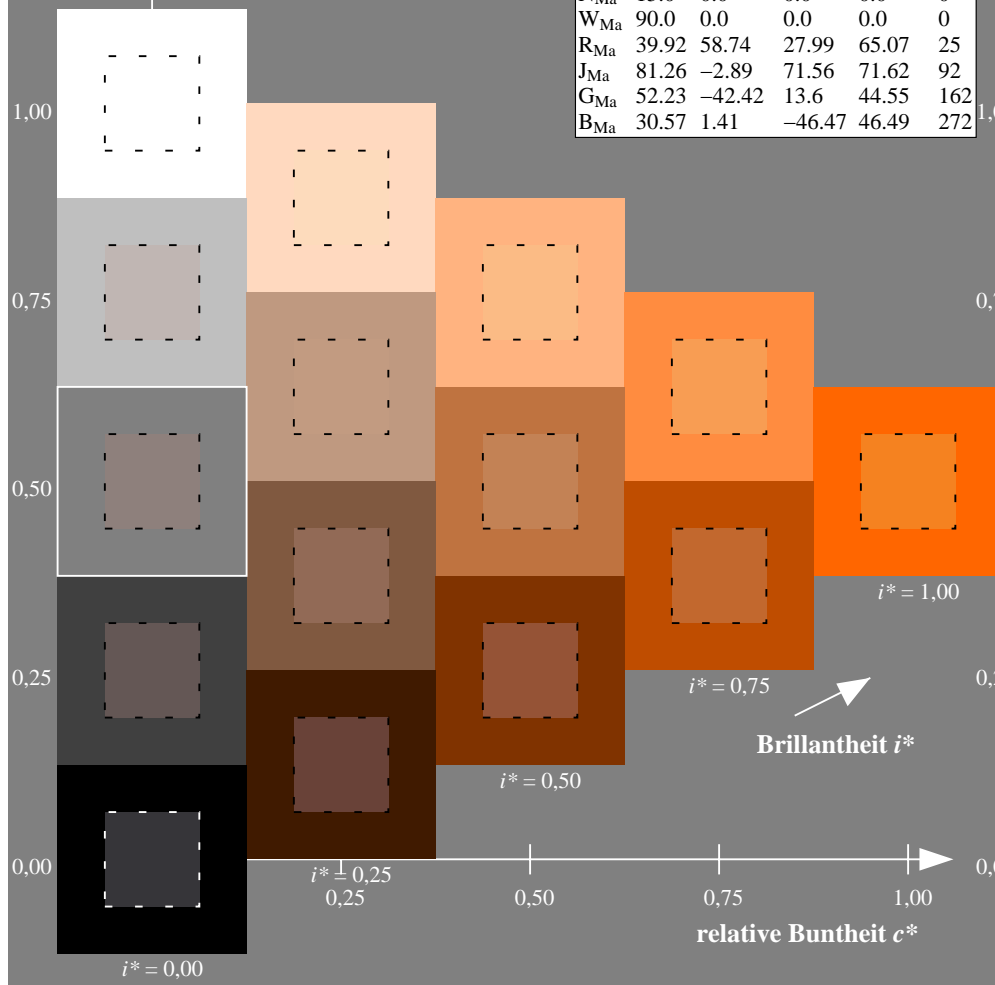
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

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

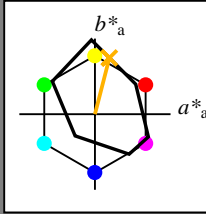
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

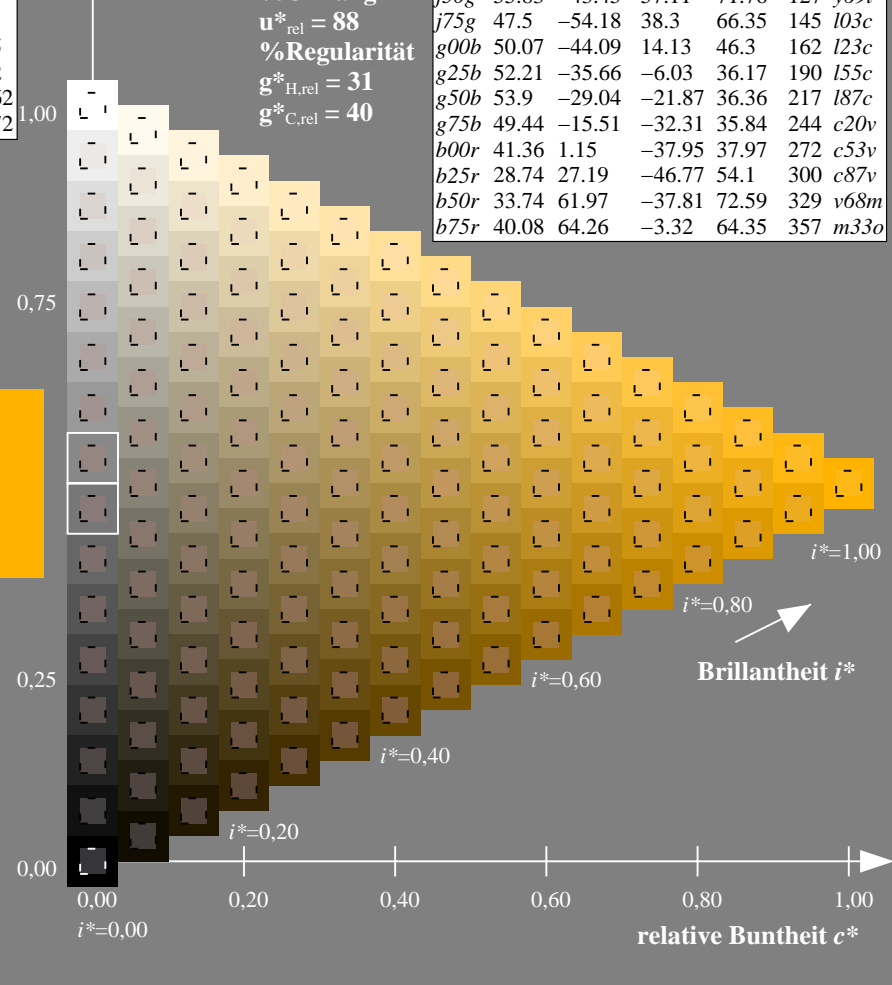
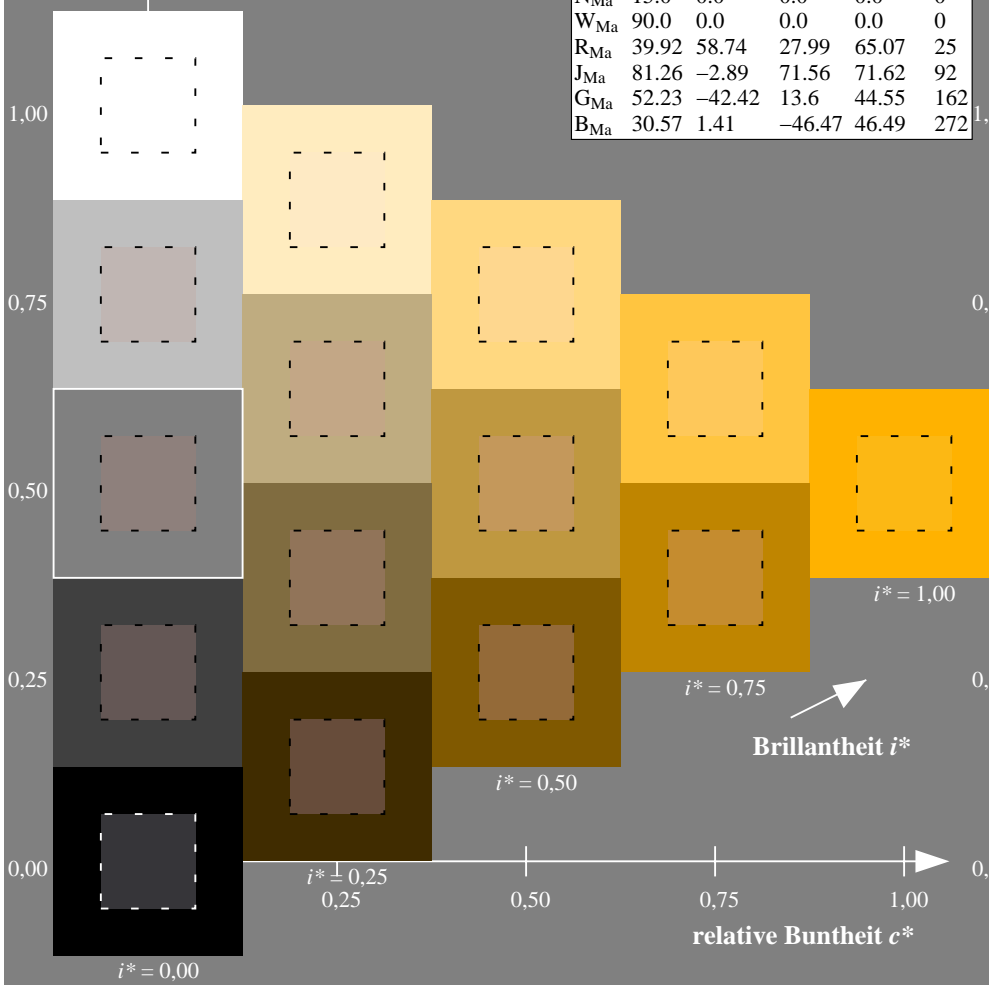
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33/>; [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-Eg33/10L/L33G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

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

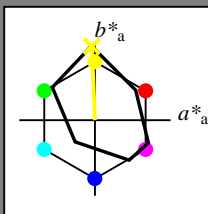
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 82 -4 98

$LAB^*LCH^*Ma$ : 82 98 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

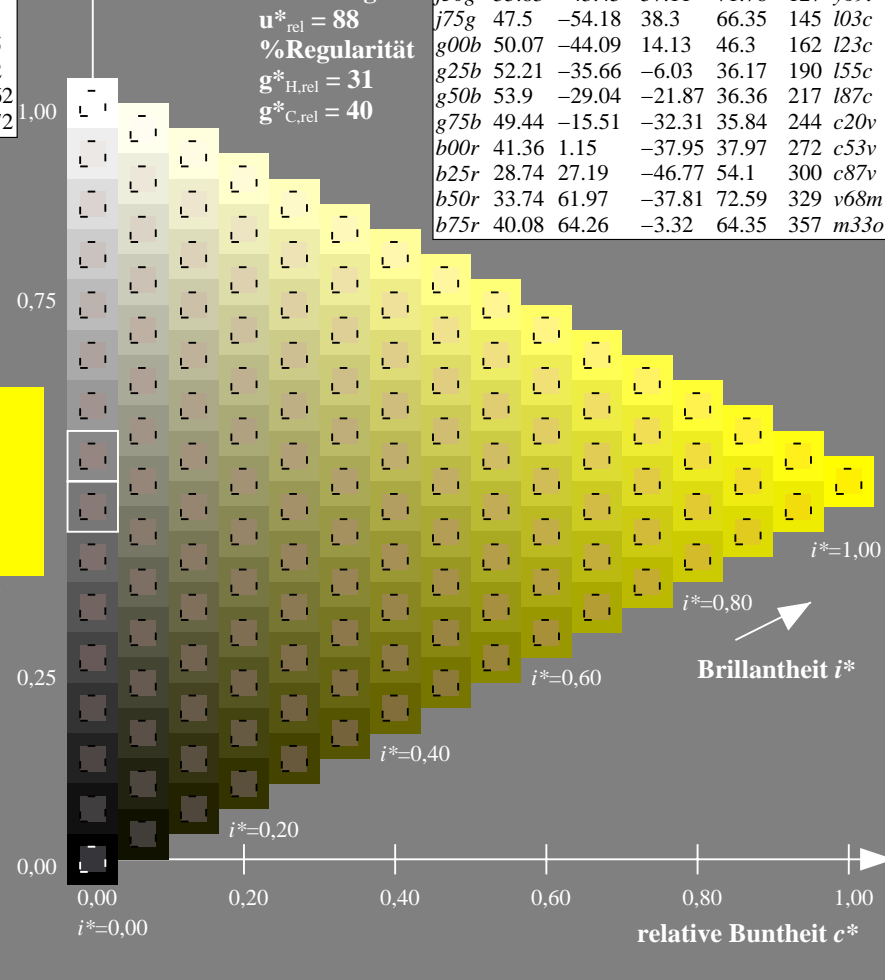
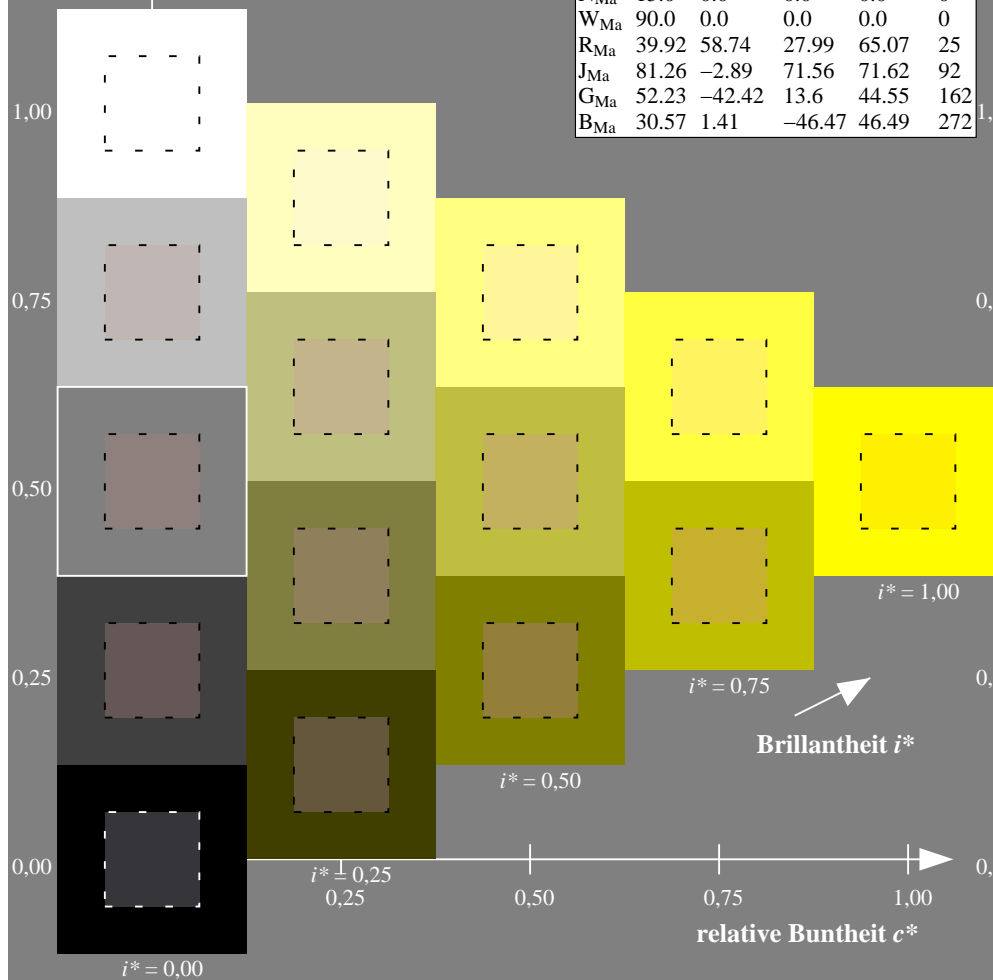
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

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

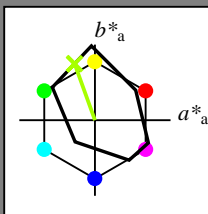
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

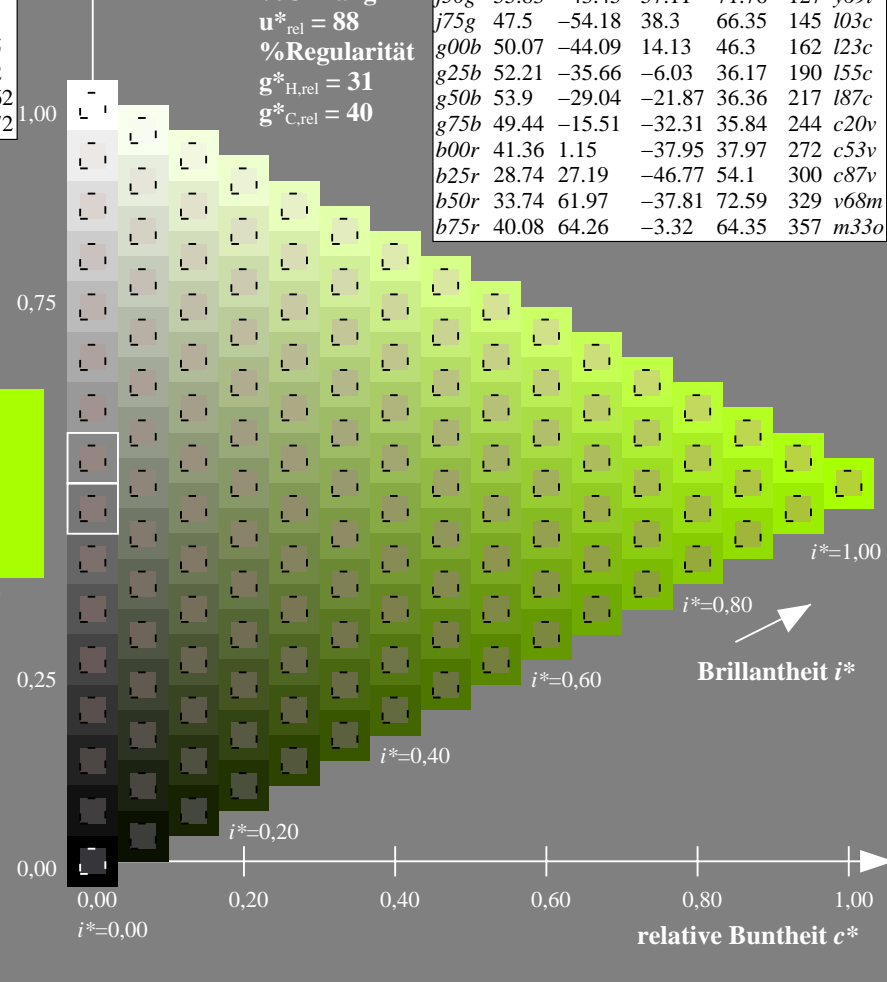
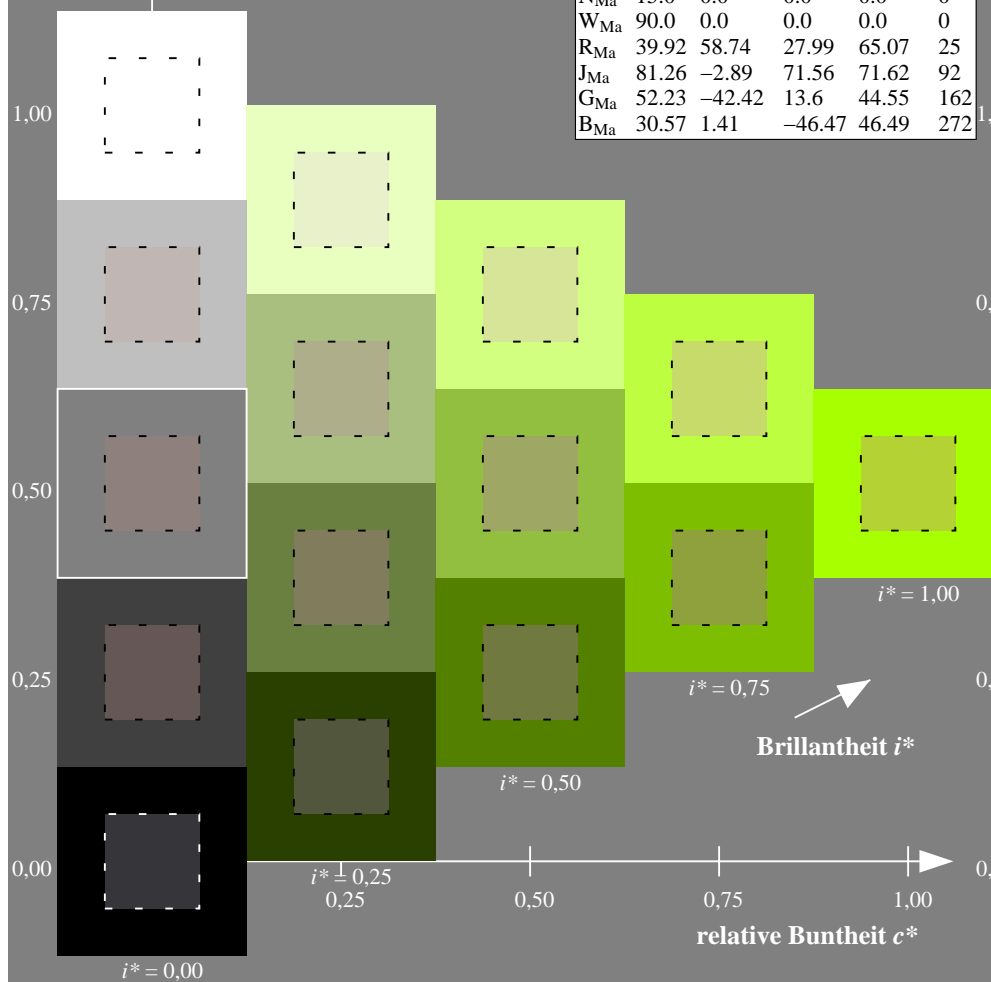
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

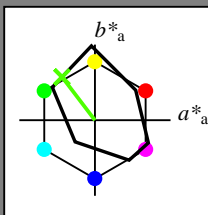
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

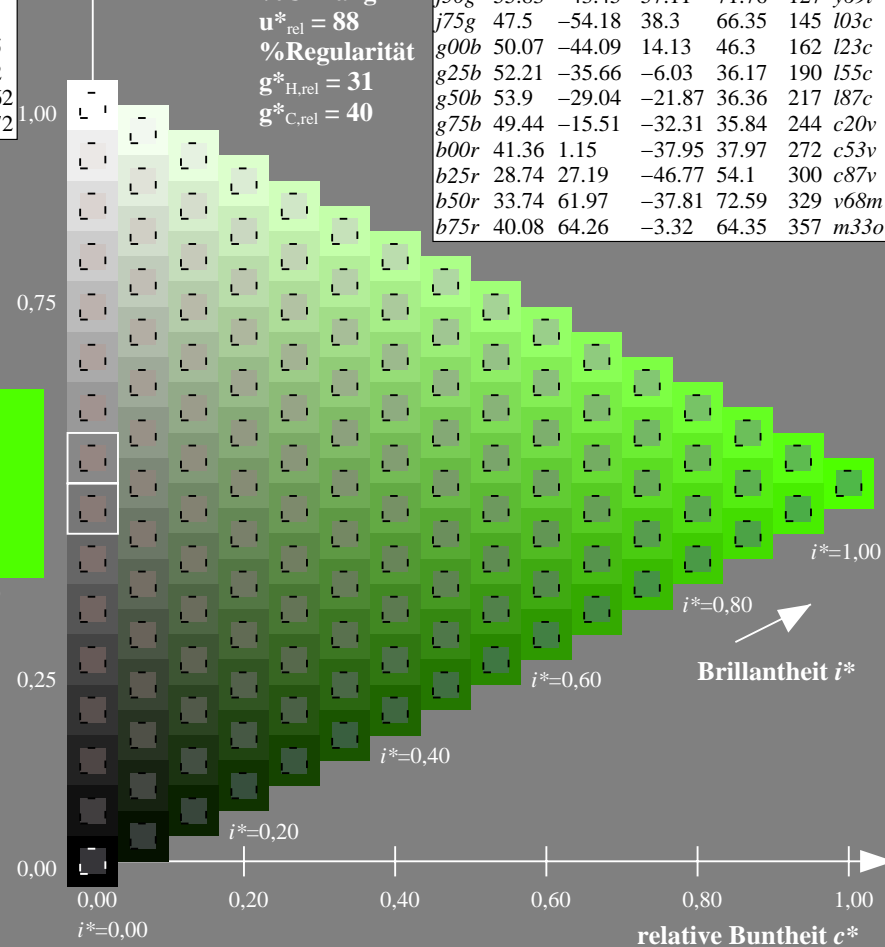
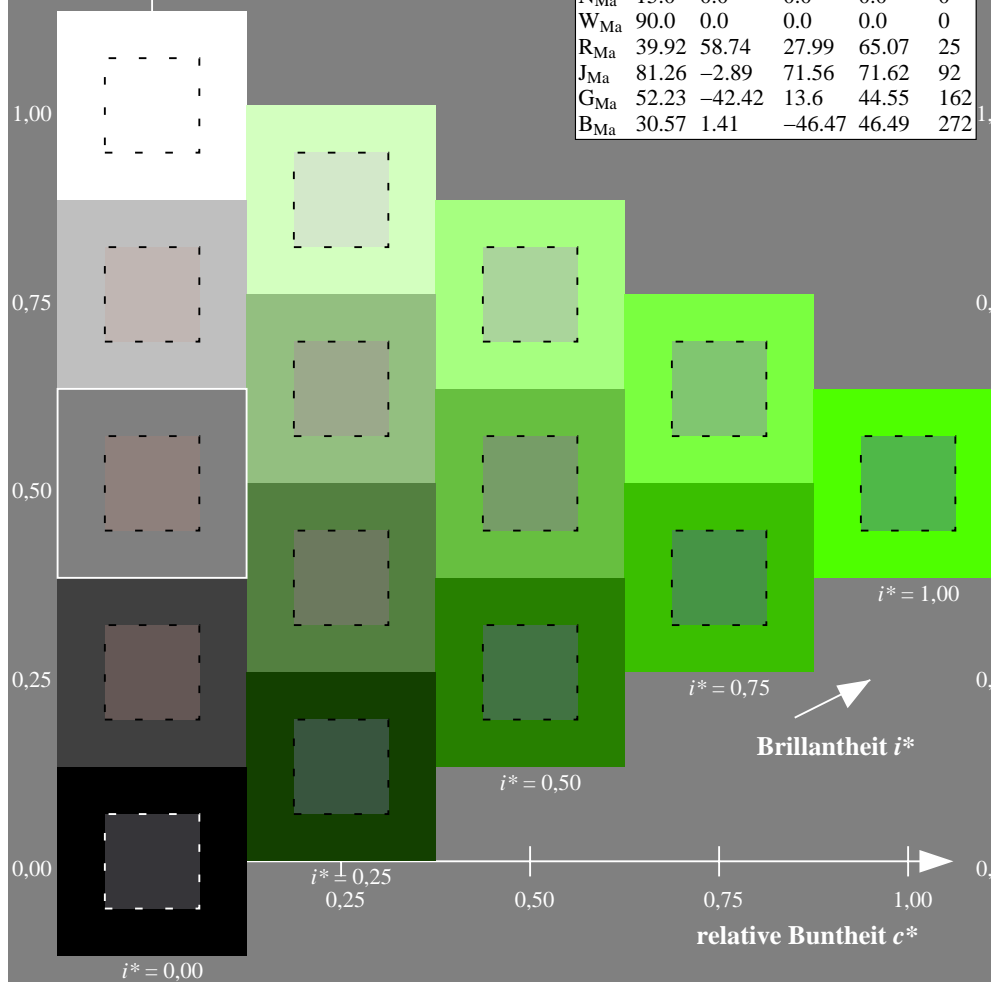
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

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

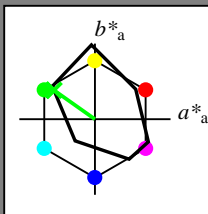
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

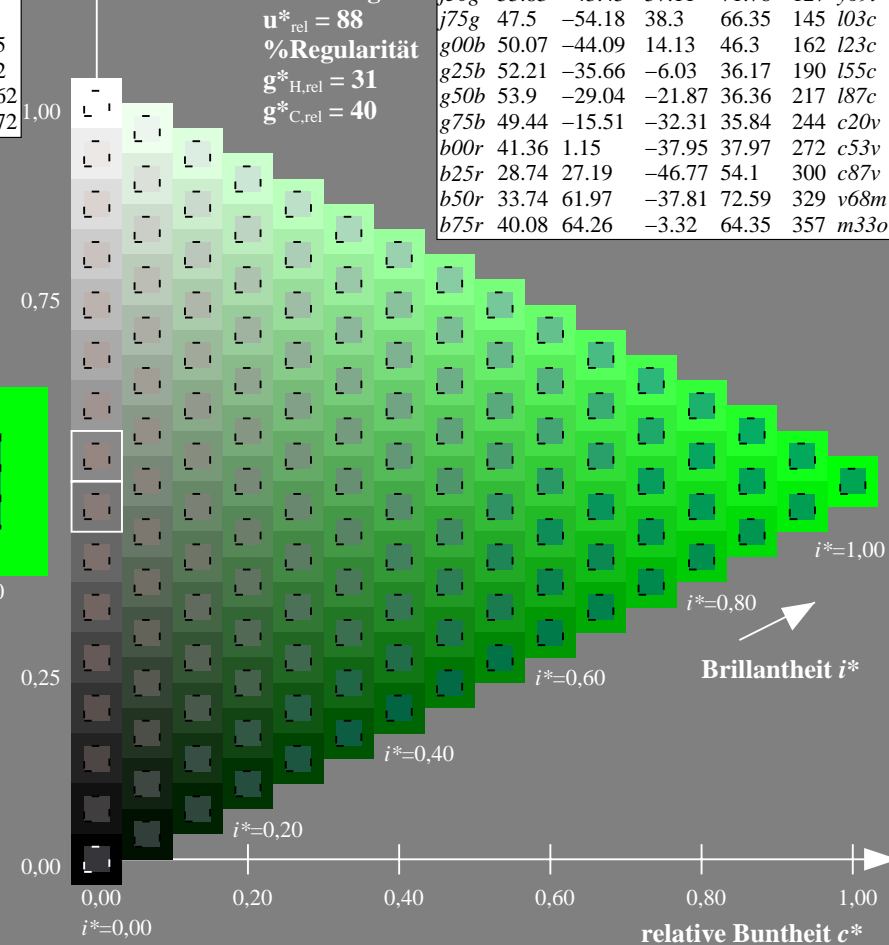
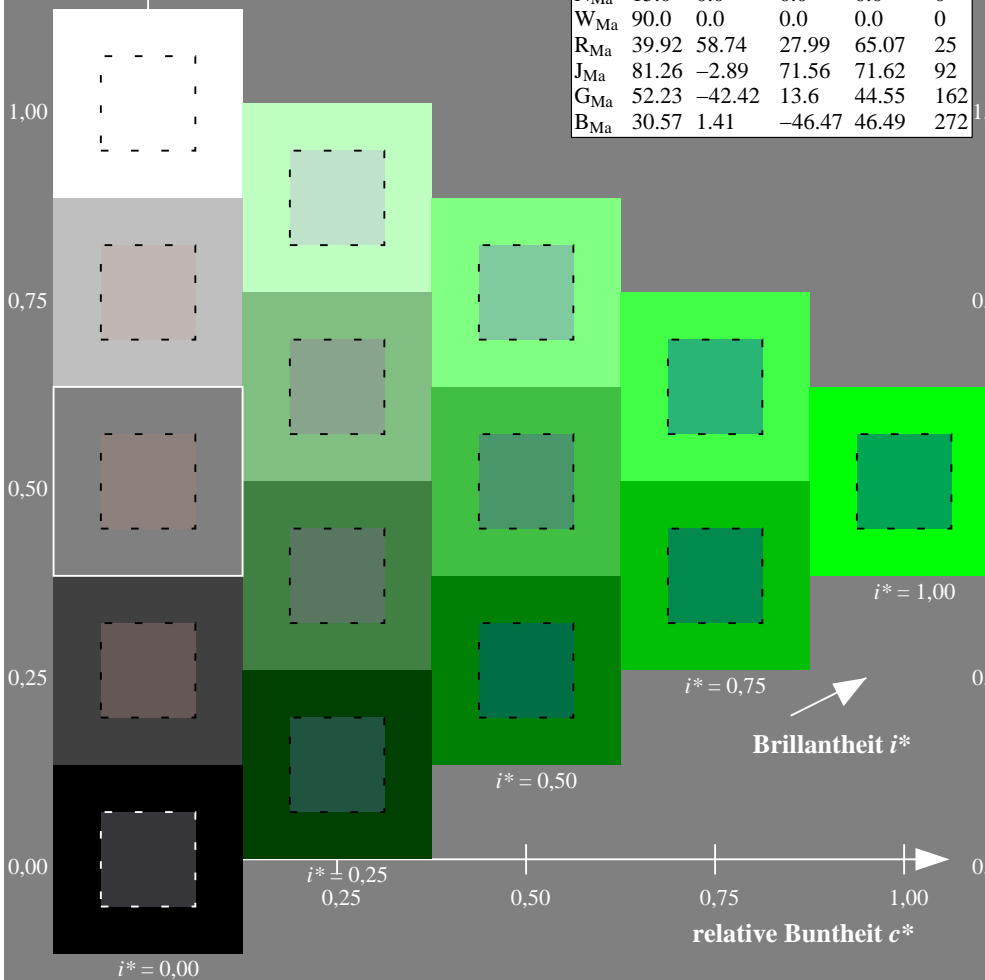
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o







Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

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

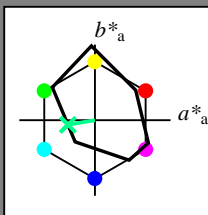
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

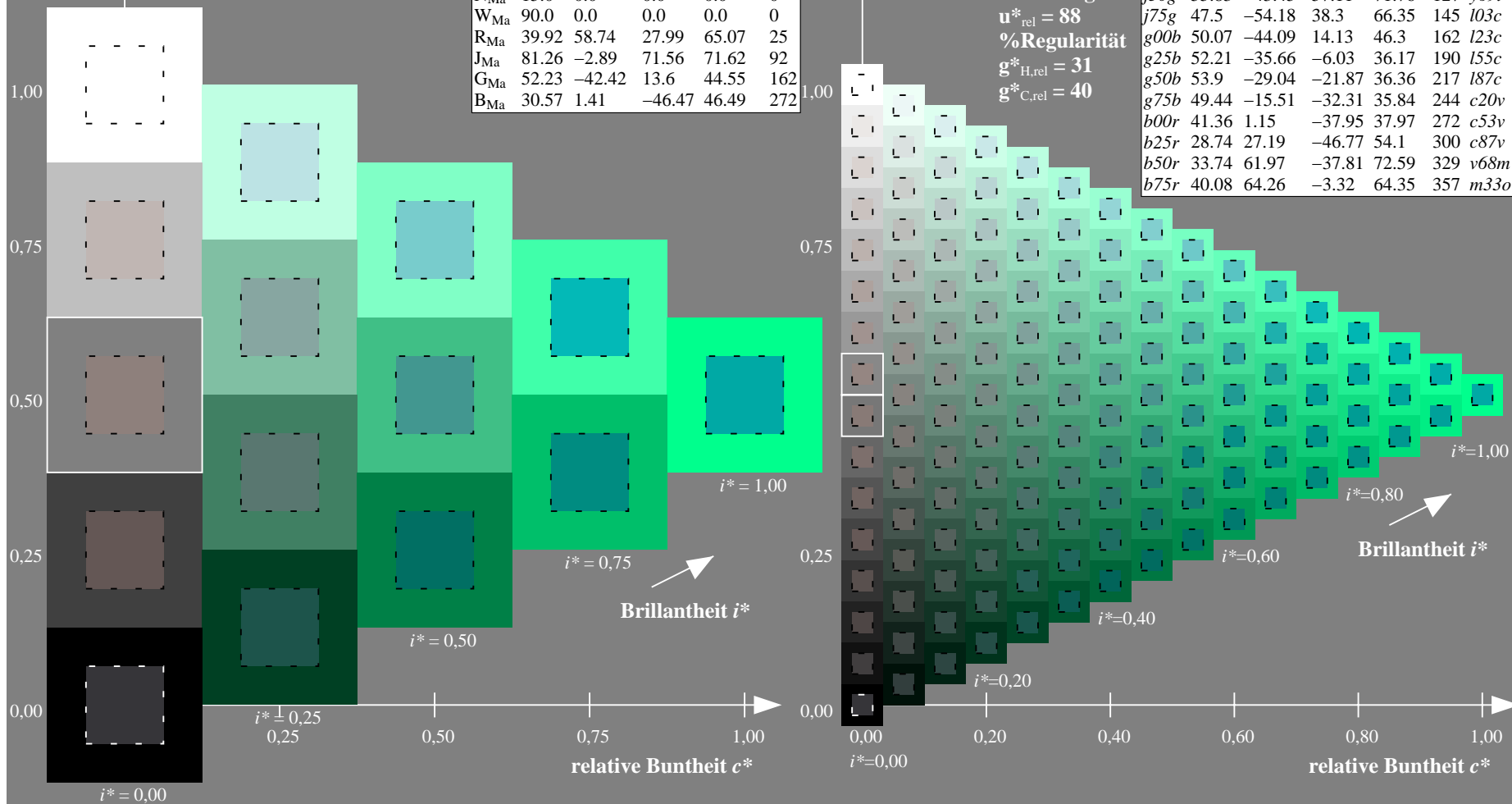
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

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

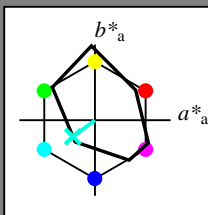
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

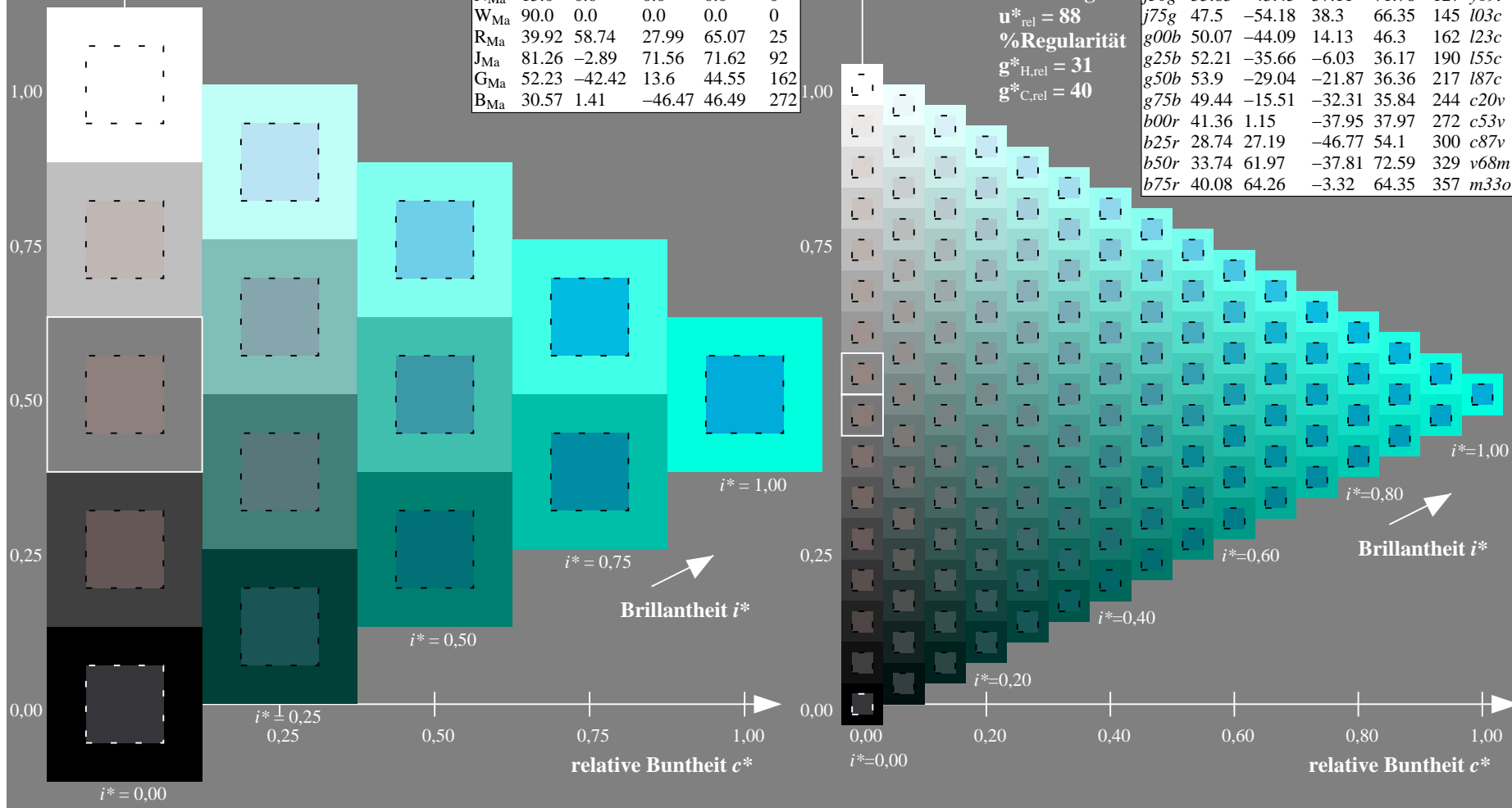
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$u^*_e = g50b$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

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

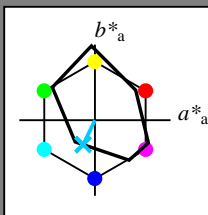
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

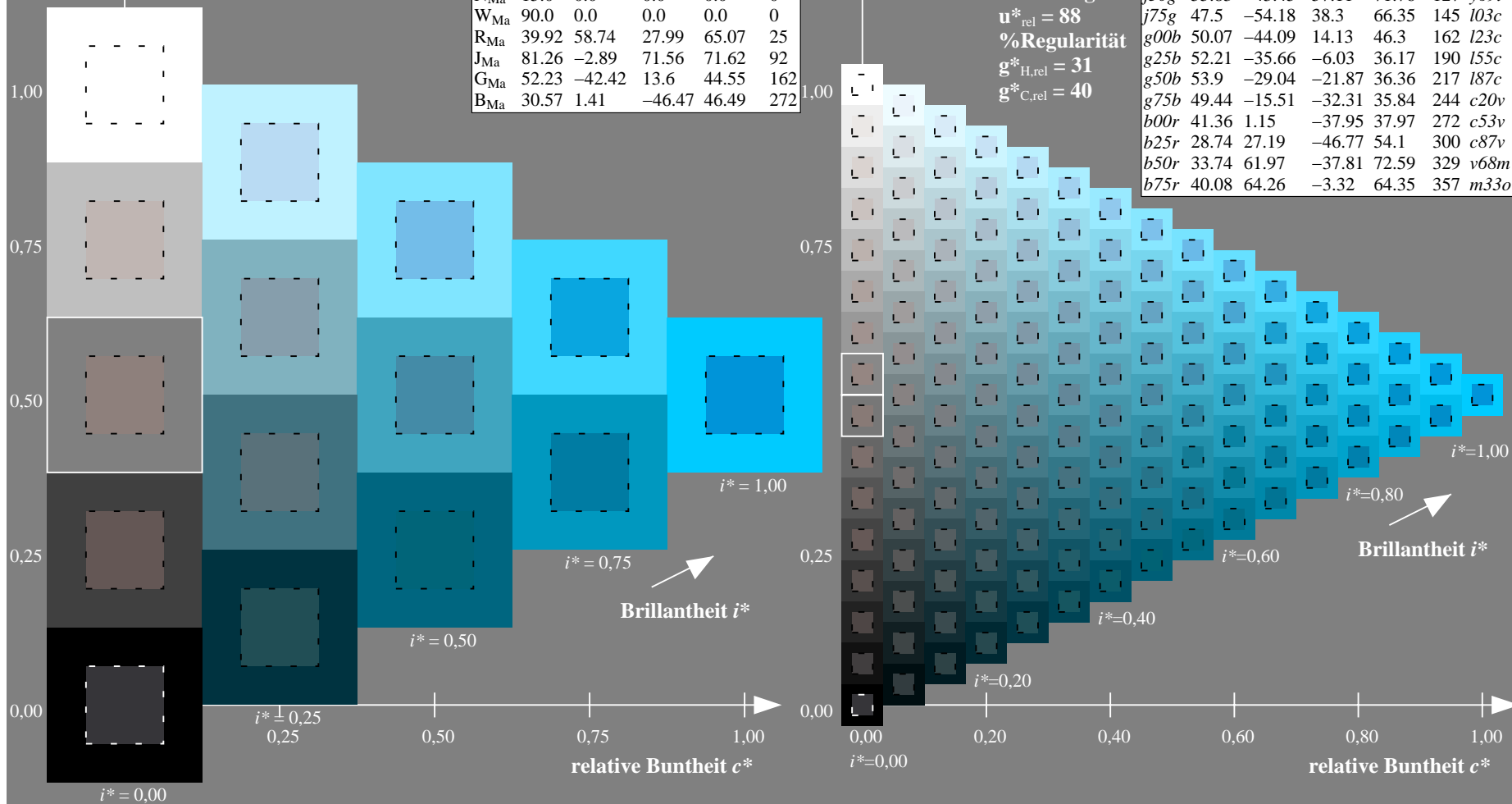
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$u^*_e = g75b$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

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

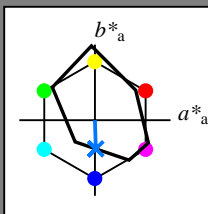
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

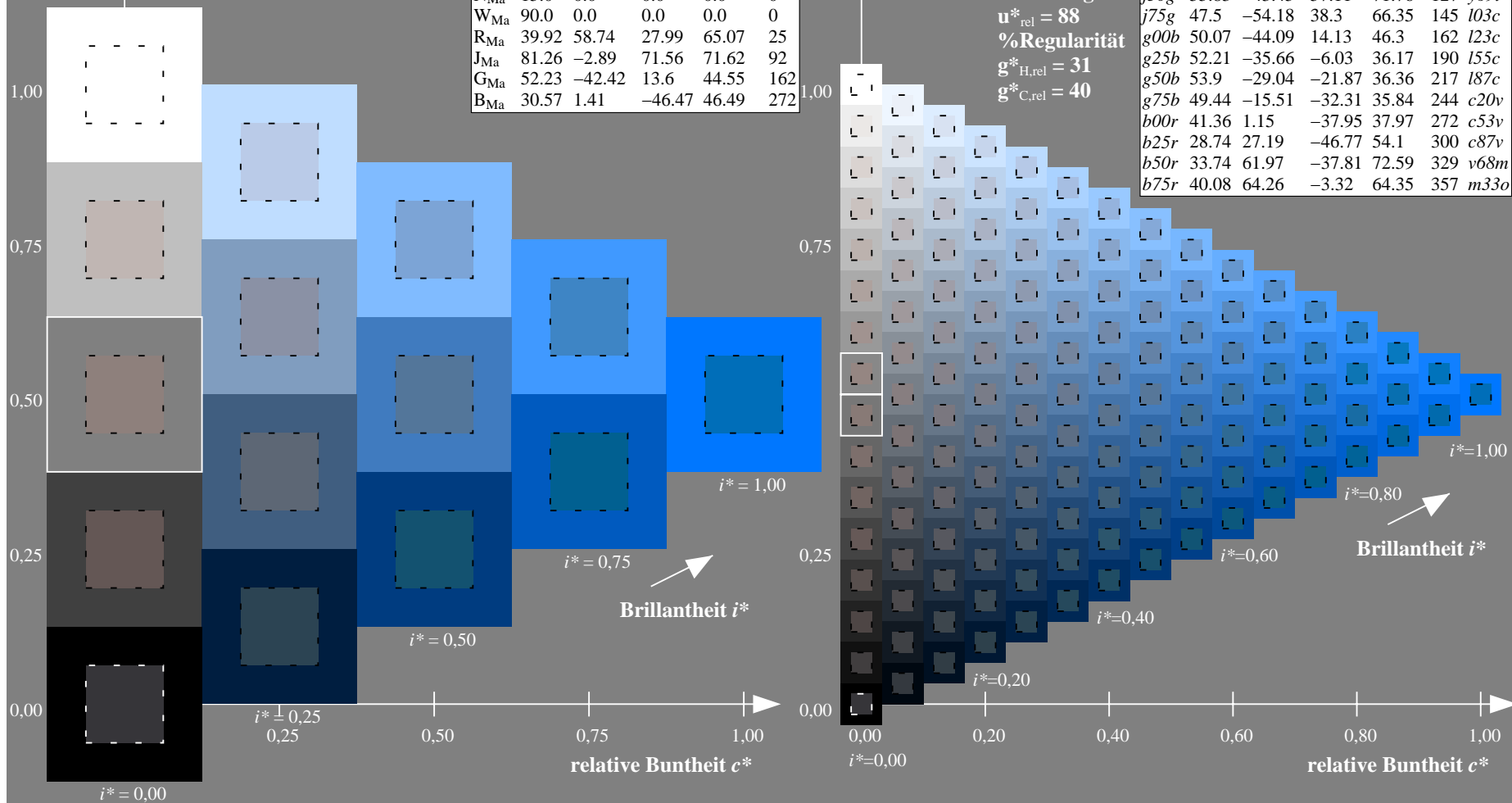
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$u^*_e = b00r$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

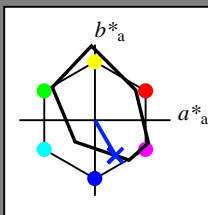
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

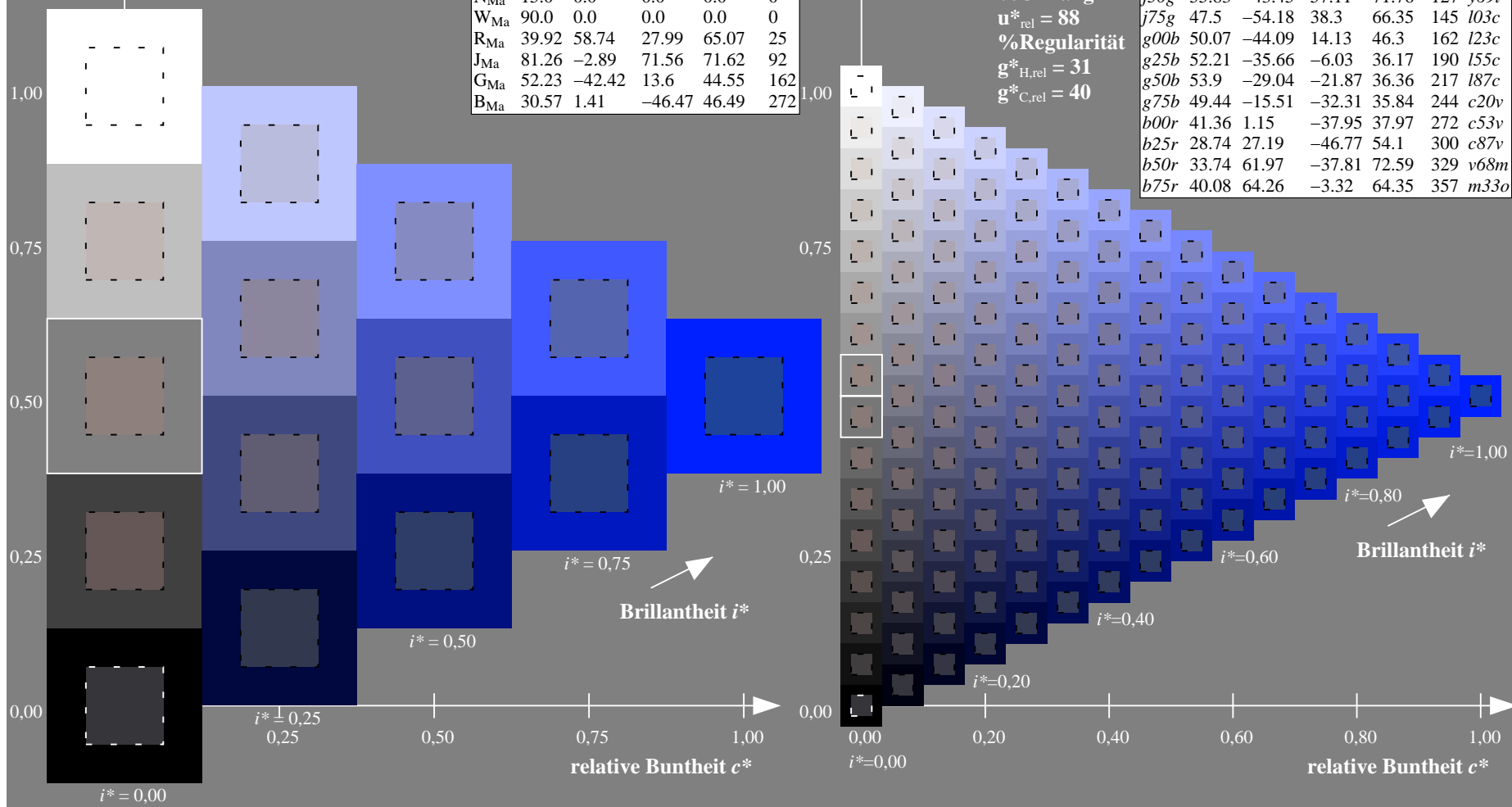
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$u^*_e = b25r$



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

### Daten für jede Farbe:

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

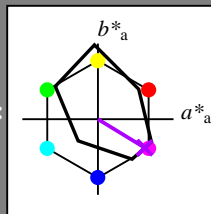
### Bunttexte:

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

### Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



FRS09_92aM; adaptierte CIELAB-Daten					
$u^*_c$	$L^*-L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

**Daten für Maximalfarbe (Ma):**

**LAB\*LAB\*Ma: 34 62 -38**

**LAB\*LCH\*Ma: 34 73 328**

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

*lab\*rgb\**<sub>Ma</sub>: 1.0 0.0 1.0  
*lab\*ol\**<sub>Ma</sub>: 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

**Drinking Water**

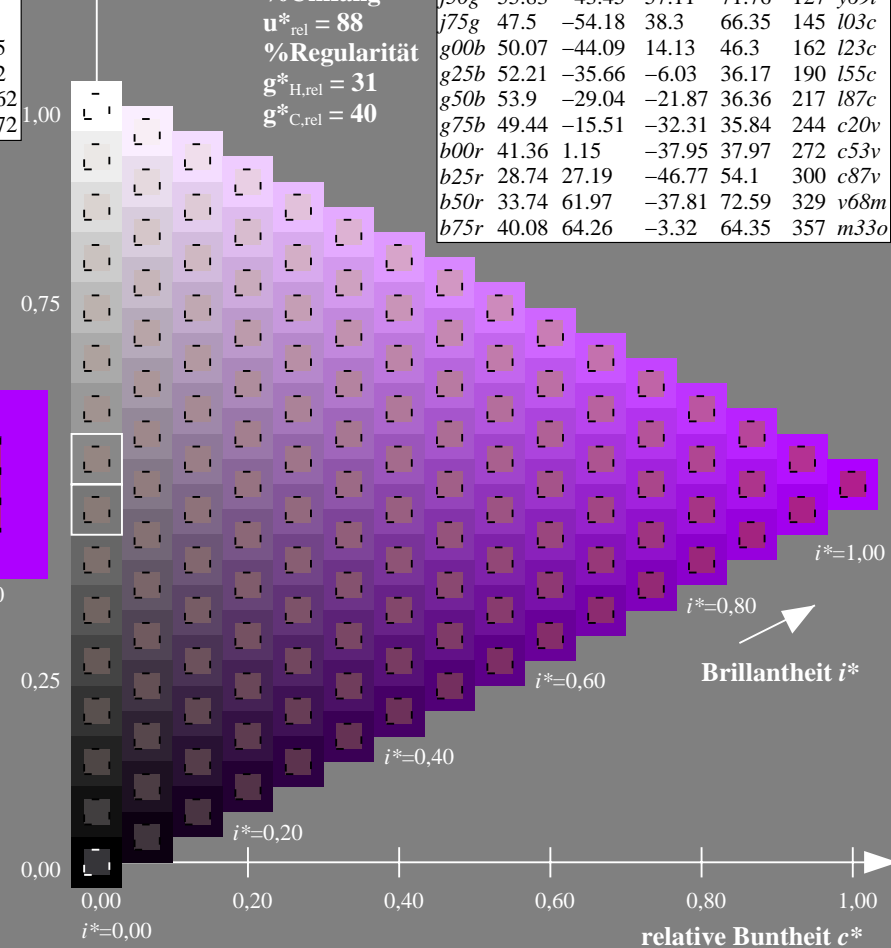
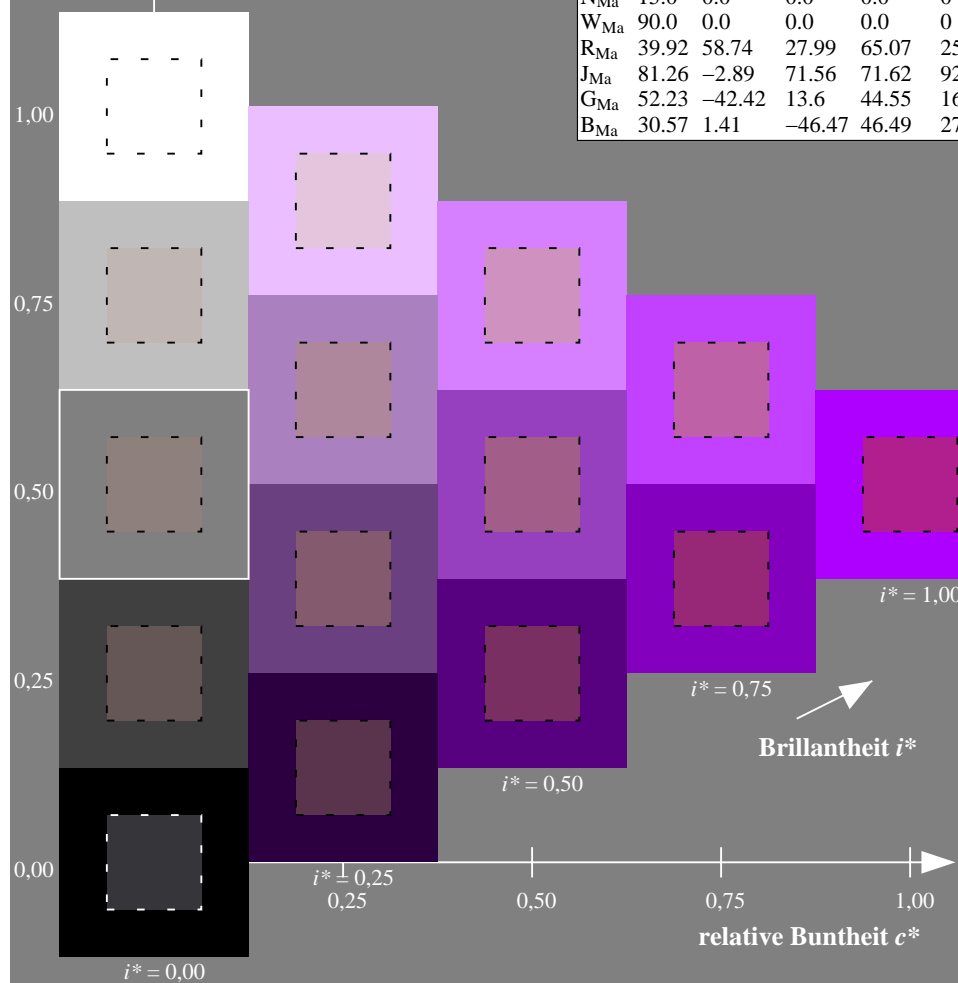
**%Umfang**

$$u_{rel}^* = 88$$

### %Regularität

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

FRS09_92aM; adaptierte CIELAB-Daten							
$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_d^*$	
<i>r00j</i>	39.18	56.94	27.13	63.07	25	<i>m81o</i>	
<i>r25j</i>	42.41	49.1	44.5	66.26	42	<i>o10y</i>	
<i>r50j</i>	52.78	35.22	58.37	68.17	59	<i>o40y</i>	
<i>r75j</i>	64.82	19.12	74.47	76.89	76	<i>o69y</i>	
<i>j00g</i>	82.06	-3.94	97.52	97.6	92	<i>o98y</i>	
<i>j25g</i>	67.26	-26.87	74.67	79.36	110	<i>y34l</i>	
<i>j50g</i>	55.83	-43.45	57.11	71.76	127	<i>y69l</i>	
<i>j75g</i>	47.5	-54.18	38.3	66.35	145	<i>l03c</i>	
<i>g00b</i>	50.07	-44.09	14.13	46.3	162	<i>l23c</i>	
<i>g25b</i>	52.21	-35.66	-6.03	36.17	190	<i>l55c</i>	
<i>g50b</i>	53.9	-29.04	-21.87	36.36	217	<i>l87c</i>	
<i>g75b</i>	49.44	-15.51	-32.31	35.84	244	<i>c20v</i>	
<i>b00r</i>	41.36	1.15	-37.95	37.97	272	<i>c53v</i>	
<i>b25r</i>	28.74	27.19	-46.77	54.1	300	<i>c87v</i>	
<i>b50r</i>	33.74	61.97	-37.81	72.59	329	<i>v68m</i>	
<i>b75r</i>	40.08	64.26	-3.32	64.35	357	<i>m33o</i>	





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

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

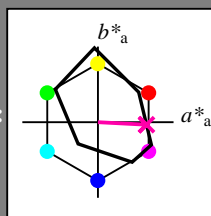
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

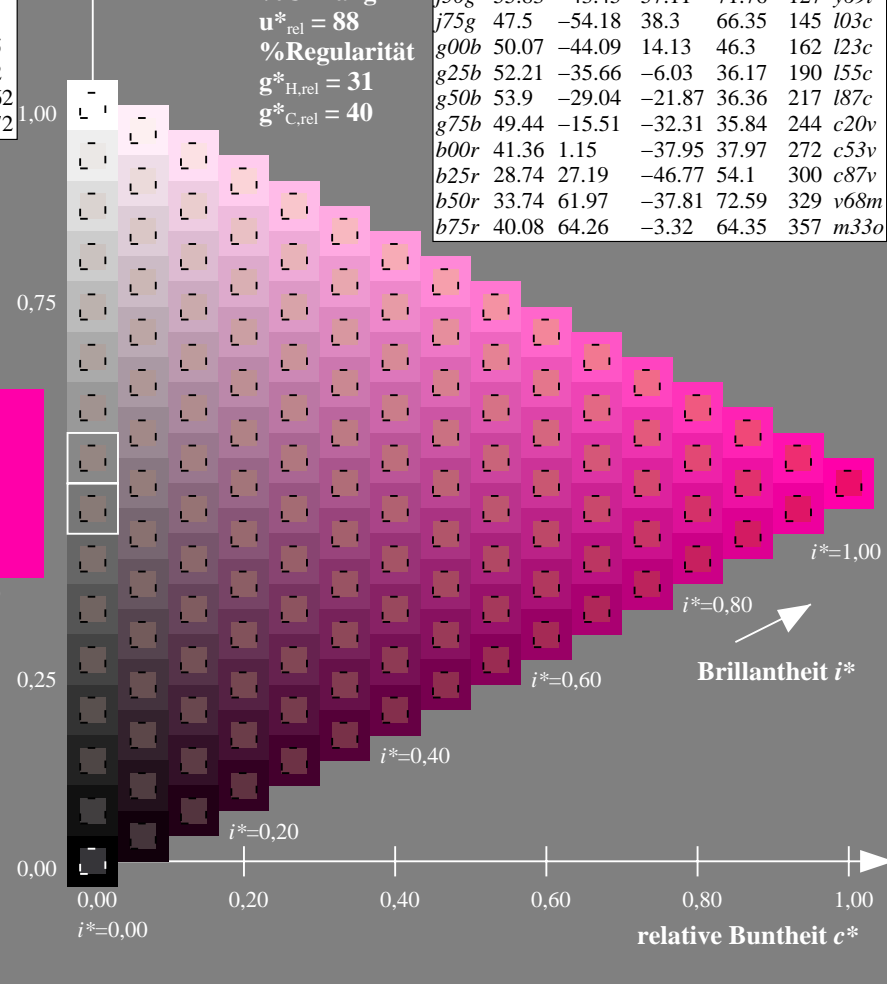
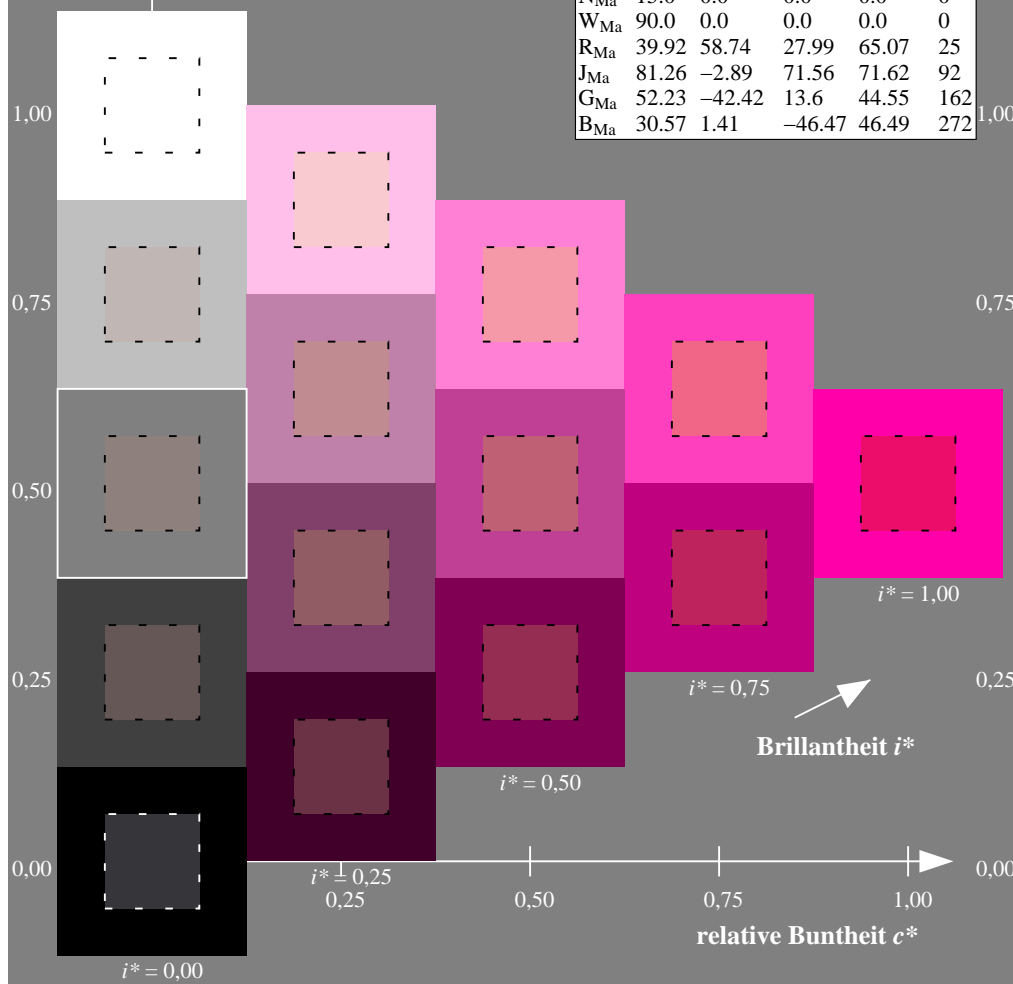
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



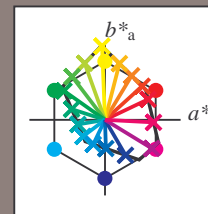
Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, Col5px=0



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, ..., b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

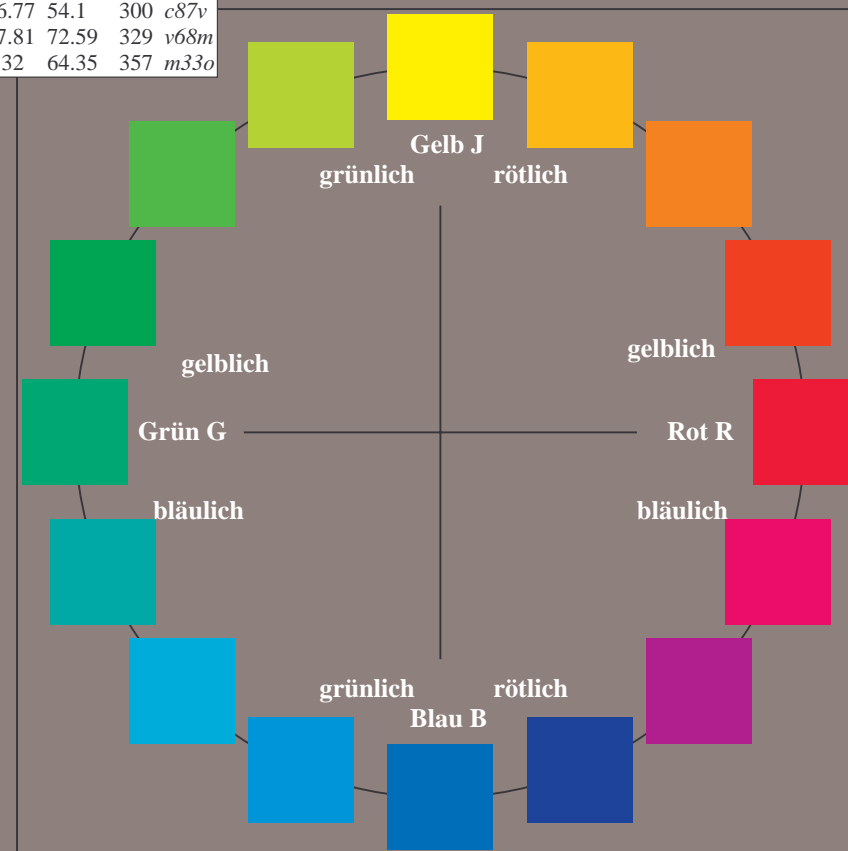
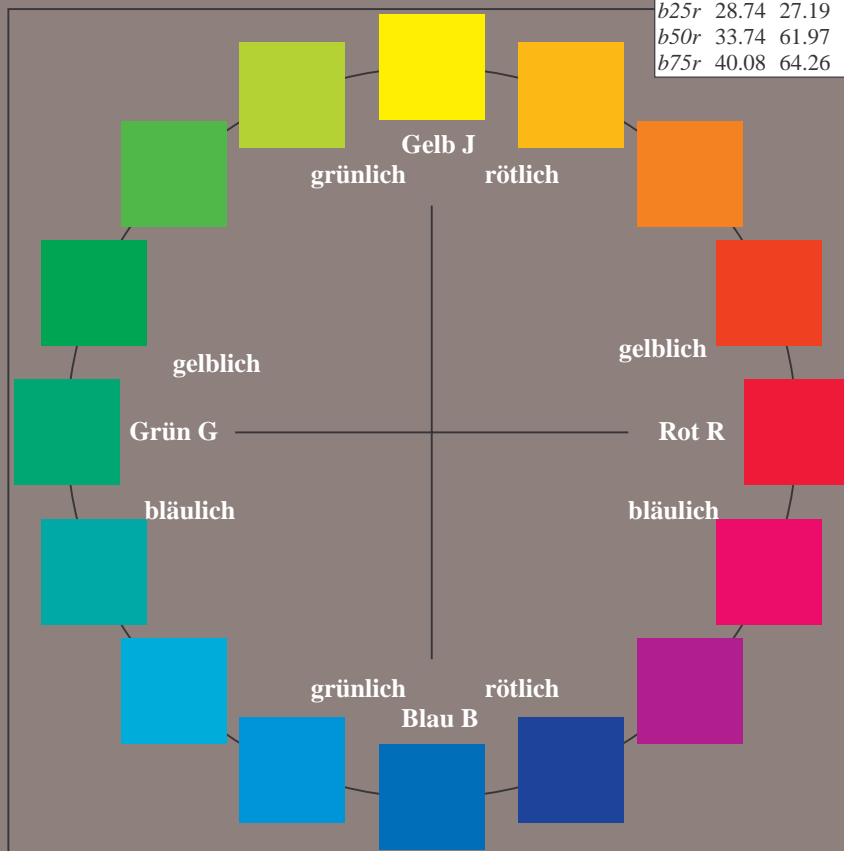
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	39.18	56.94	27.13	63.07	25	$m81o$
$r25j$	42.41	49.1	44.5	66.26	42	$o10y$
$r50j$	52.78	35.22	58.37	68.17	59	$o40y$
$r75j$	64.82	19.12	74.47	76.89	76	$o69y$
$j00g$	82.06	-3.94	97.52	97.6	92	$o98y$
$j25g$	67.26	-26.87	74.67	79.36	110	$y34l$
$j50g$	55.83	-43.45	57.11	71.76	127	$y69l$
$j75g$	47.5	-54.18	38.3	66.35	145	$l03c$
$g00b$	50.07	-44.09	14.13	46.3	162	$l23c$
$g25b$	52.21	-35.66	-6.03	36.17	190	$l55c$
$g50b$	53.9	-29.04	-21.87	36.36	217	$l87c$
$g75b$	49.44	-15.51	-32.31	35.84	244	$c20v$
$b00r$	41.36	1.15	-37.95	37.97	272	$c53v$
$b25r$	28.74	27.19	-46.77	54.1	300	$c87v$
$b50r$	33.74	61.97	-37.81	72.59	329	$v68m$
$b75r$	40.08	64.26	-3.32	64.35	357	$m33o$



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

FRS09\_92aM; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.8	53.92	39.68	66.95	36
$Y_{Ma}$	82.58	-4.64	98.22	98.33	93
$L_{Ma}$	46.95	-56.34	43.46	71.15	142
$C_{Ma}$	54.62	-26.2	-28.68	38.85	228
$V_{Ma}$	20.01	45.2	-52.87	69.56	311
$M_{Ma}$	40.88	70.68	-29.99	76.78	337
$N_{Ma}$	15.0	0.0	0.0	0.0	0
$W_{Ma}$	90.0	0.0	0.0	0.0	0
$R_{CIE}$	39.92	58.74	27.99	65.07	25
$J_{CIE}$	81.26	-2.89	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: Farbmatisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

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

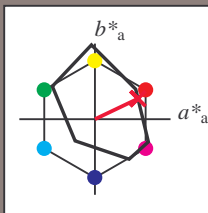
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

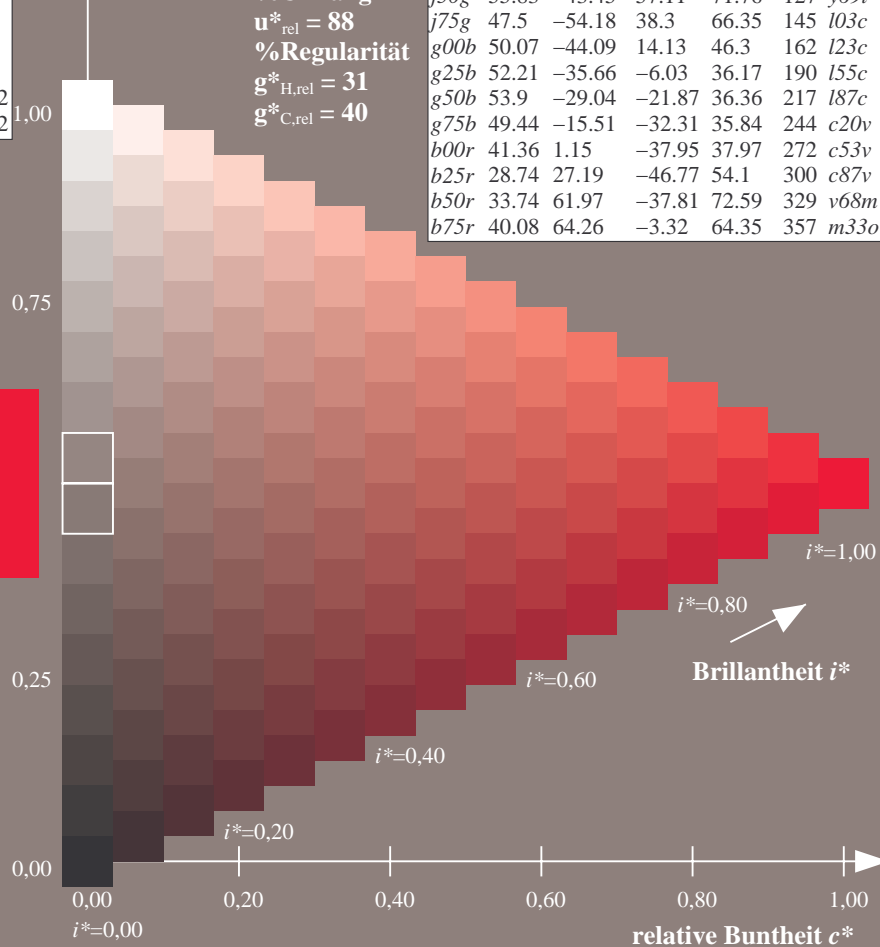
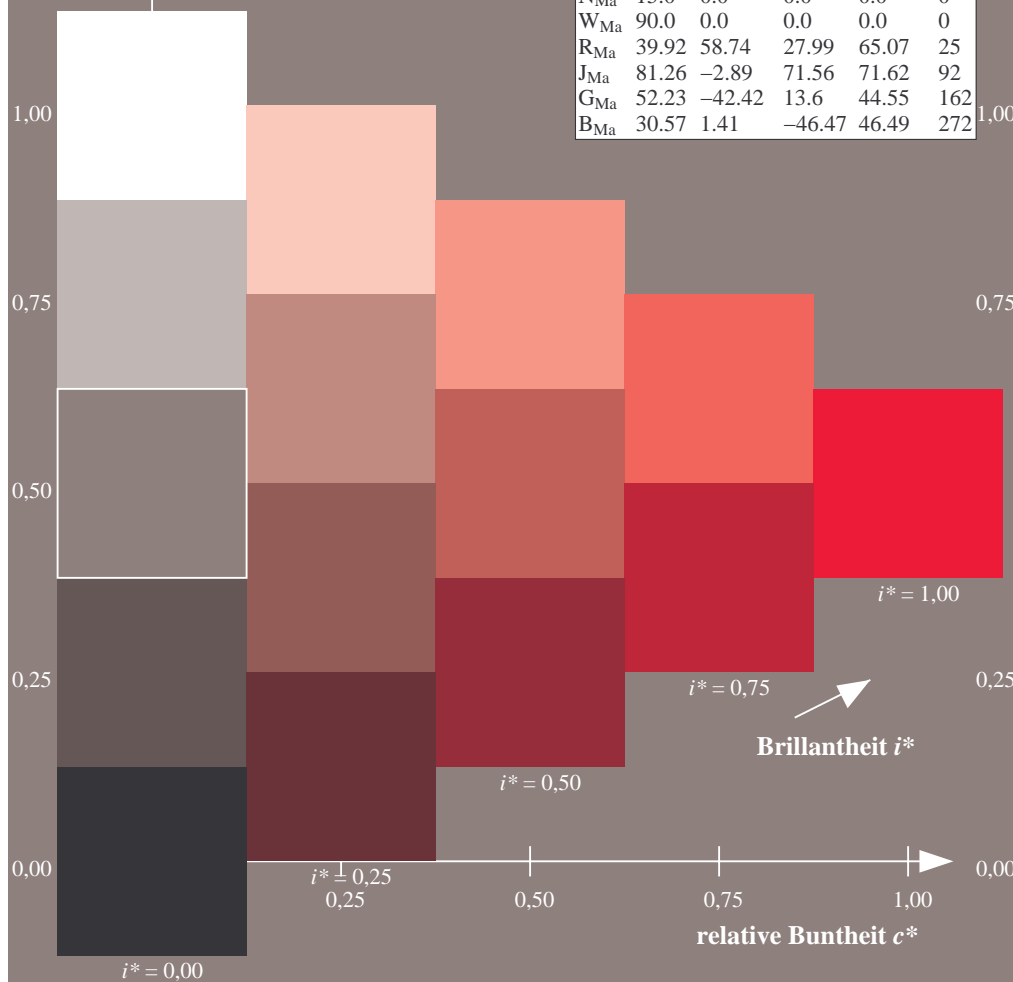
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25		m81o
r25j	42.41	49.1	44.5	66.26	42		o10y
r50j	52.78	35.22	58.37	68.17	59		o40y
r75j	64.82	19.12	74.47	76.89	76		o69y
j00g	82.06	-3.94	97.52	97.6	92		o98y
j25g	67.26	-26.87	74.67	79.36	110		y34l
j50g	55.83	-43.45	57.11	71.76	127		y69l
j75g	47.5	-54.18	38.3	66.35	145		l03c
g00b	50.07	-44.09	14.13	46.3	162		l23c
g25b	52.21	-35.66	-6.03	36.17	190		l55c
g50b	53.9	-29.04	-21.87	36.36	217		l87c
g75b	49.44	-15.51	-32.31	35.84	244		c20v
b00r	41.36	1.15	-37.95	37.97	272		c53v
b25r	28.74	27.19	-46.77	54.1	300		c87v
b50r	33.74	61.97	-37.81	72.59	329		v68m
b75r	40.08	64.26	-3.32	64.35	357		m33o



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

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

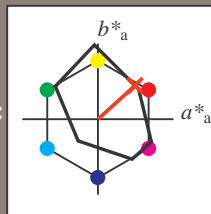
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	38.8	53.92	39.68	66.95	36	
YMa	82.58	-4.64	98.22	98.33	93	
LMa	46.95	-56.34	43.46	71.15	142	
CMa	54.62	-26.2	-28.68	38.85	228	
VMa	20.01	45.2	-52.87	69.56	311	
MMa	40.88	70.68	-29.99	76.78	337	
NMa	15.0	0.0	0.0	0.0	0	
WMa	90.0	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):

$LAB^*LAB^*Ma$ : 42 49 44

$LAB^*LCH^*Ma$ : 42 66 42

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

$lab^*olv^*Ma$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

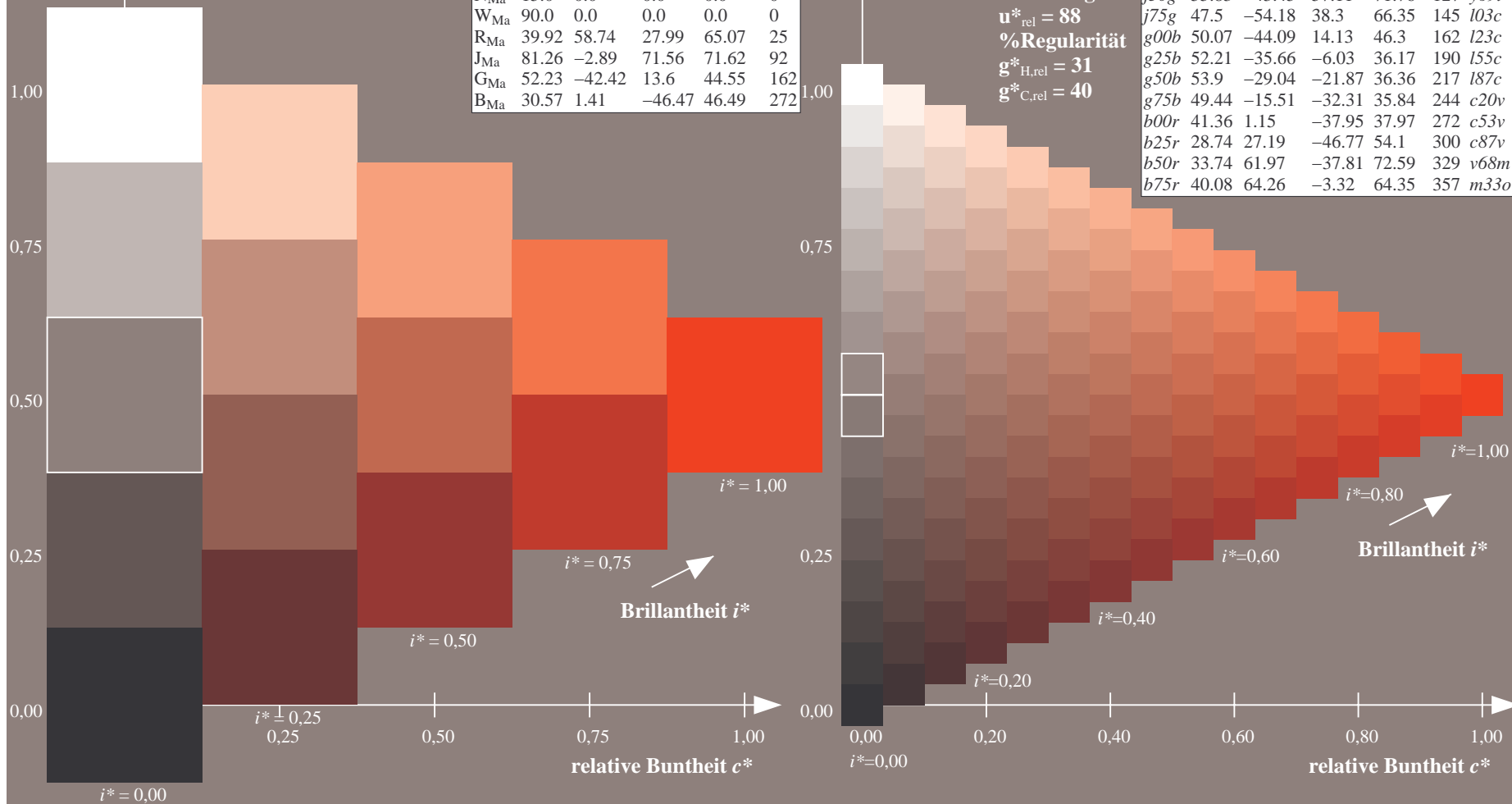
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

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

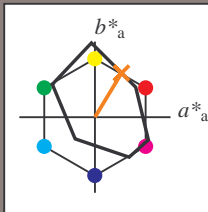
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

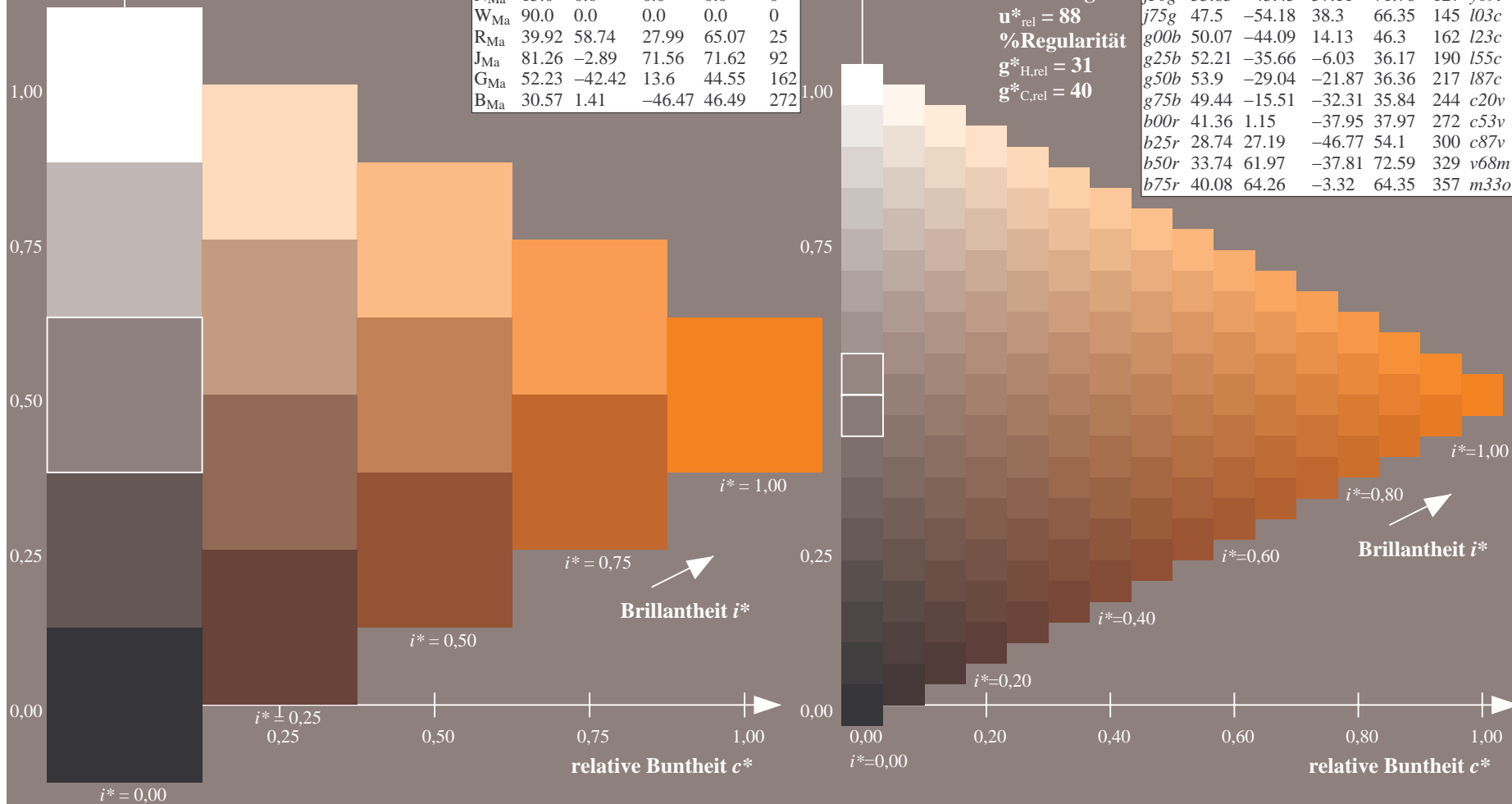
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	





Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*_{tch^*}$  und  $lab^*_{icu^*}$

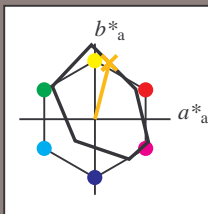
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*_{LAB^*Ma}$ : 65 19 74

$LAB^*_{LCH^*Ma}$ : 65 77 75

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

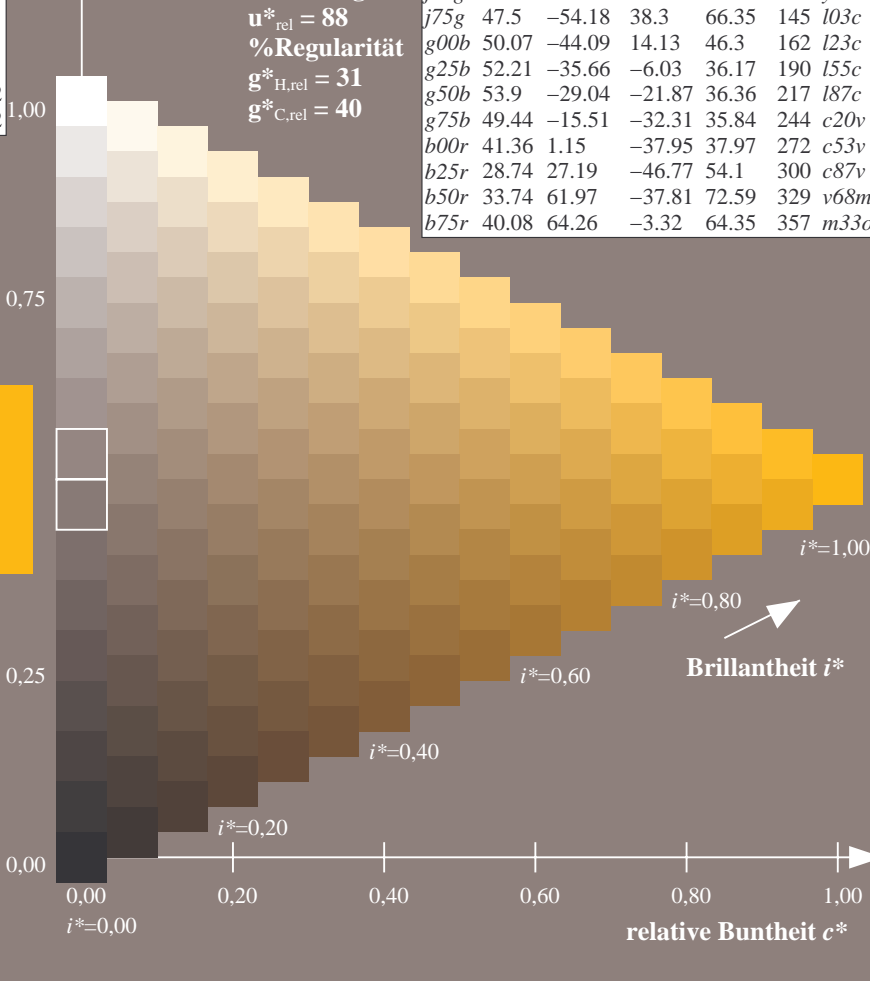
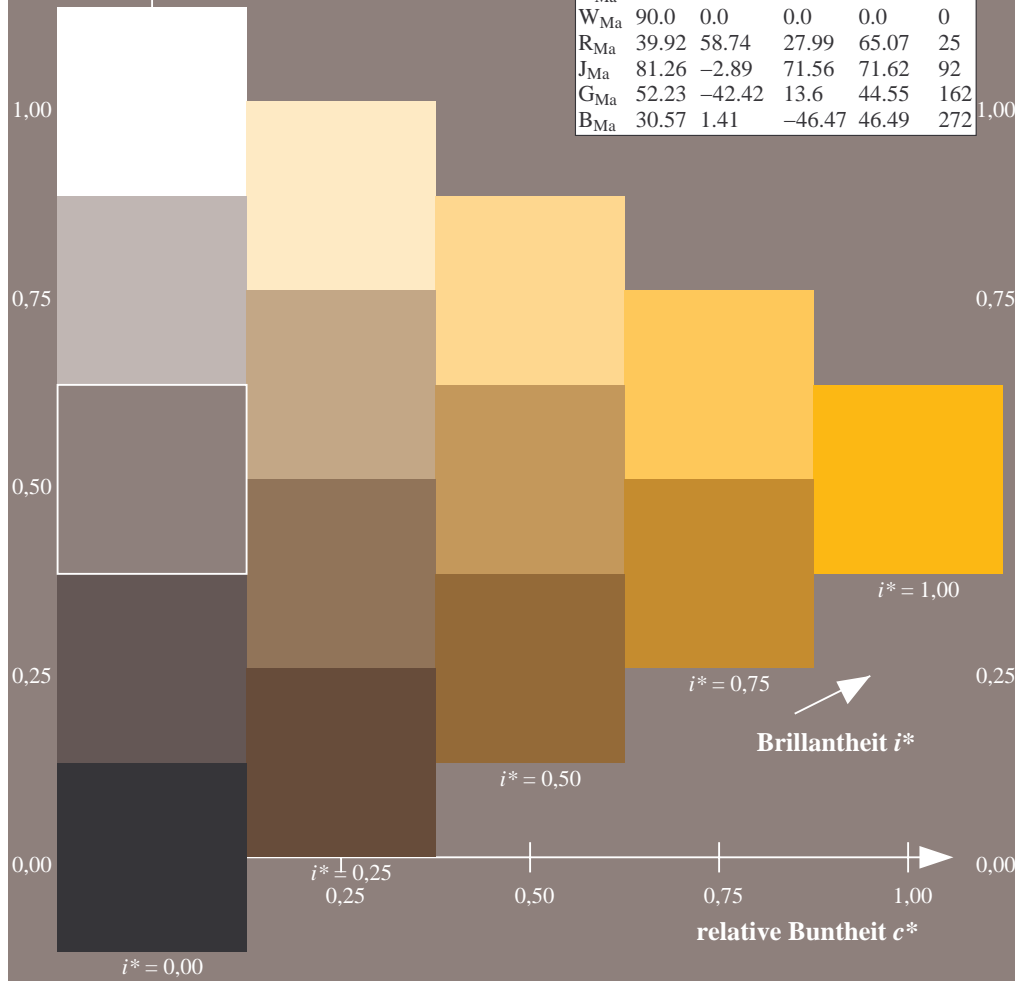
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

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

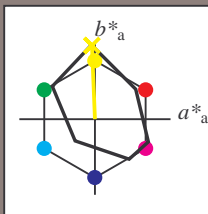
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

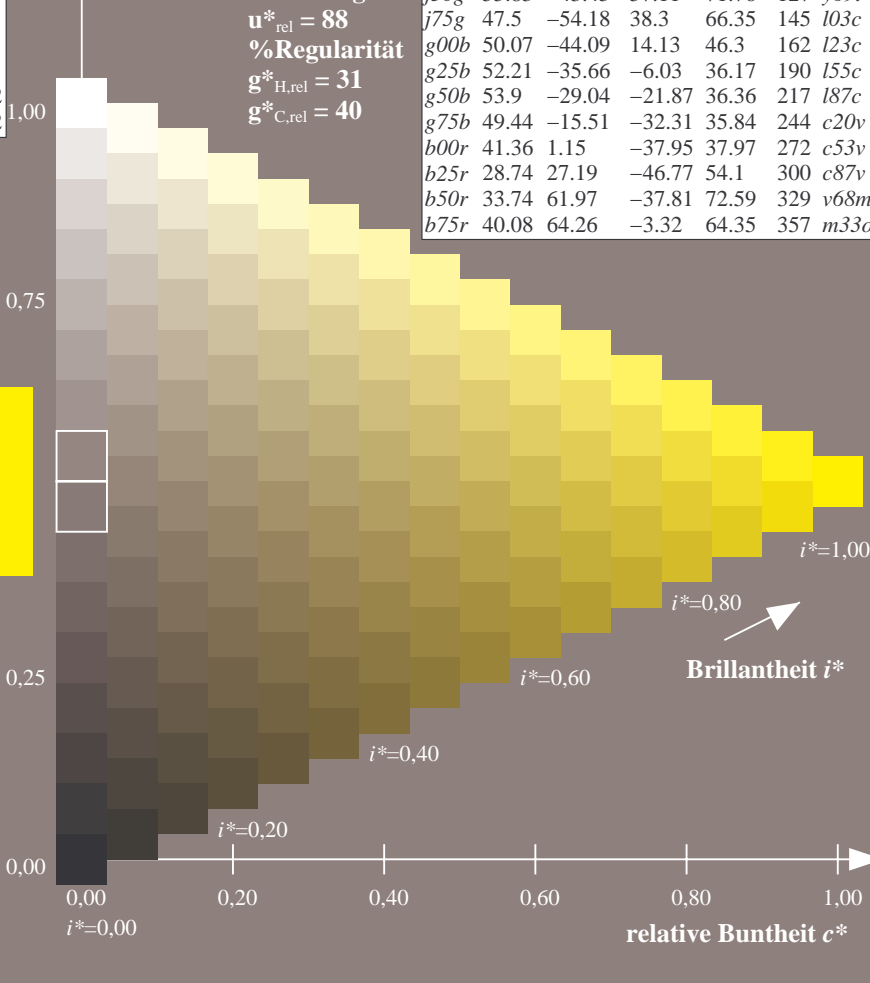
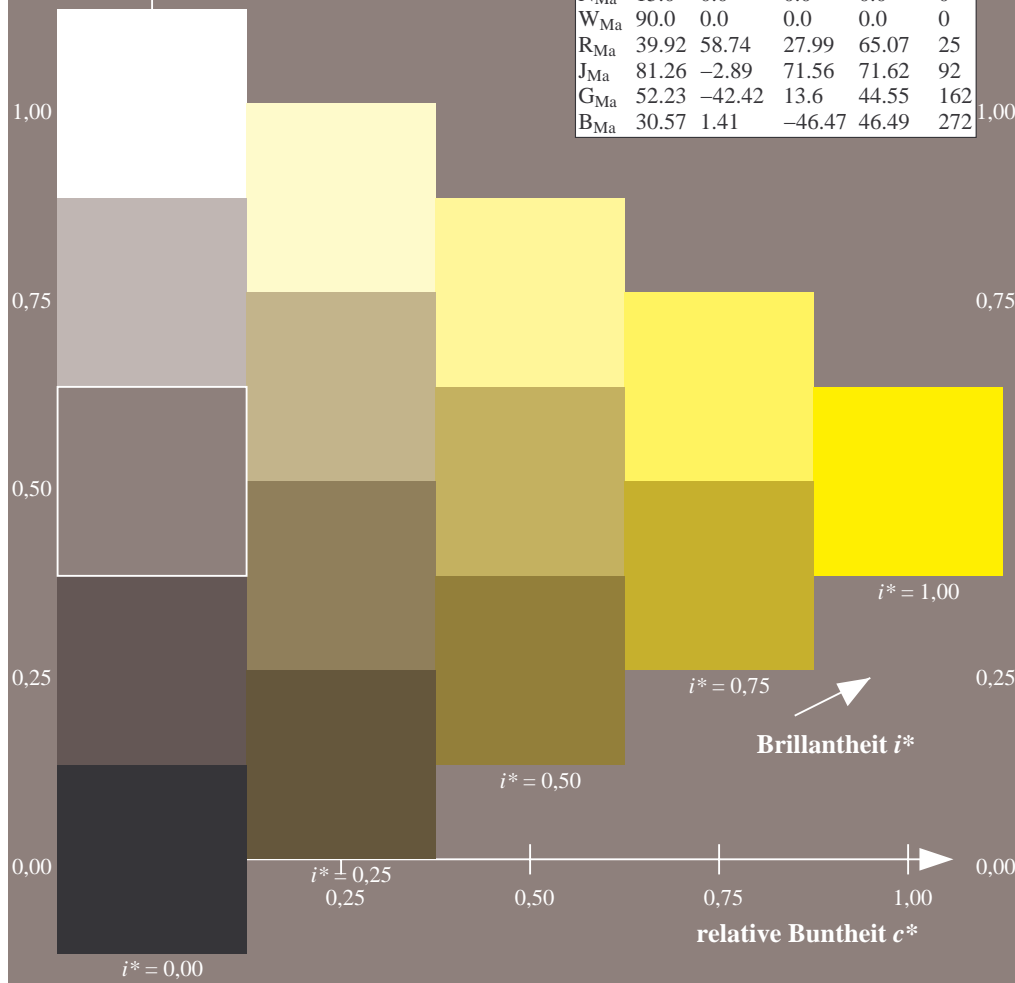
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

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

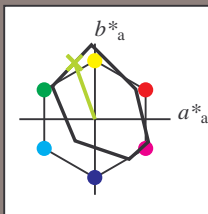
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

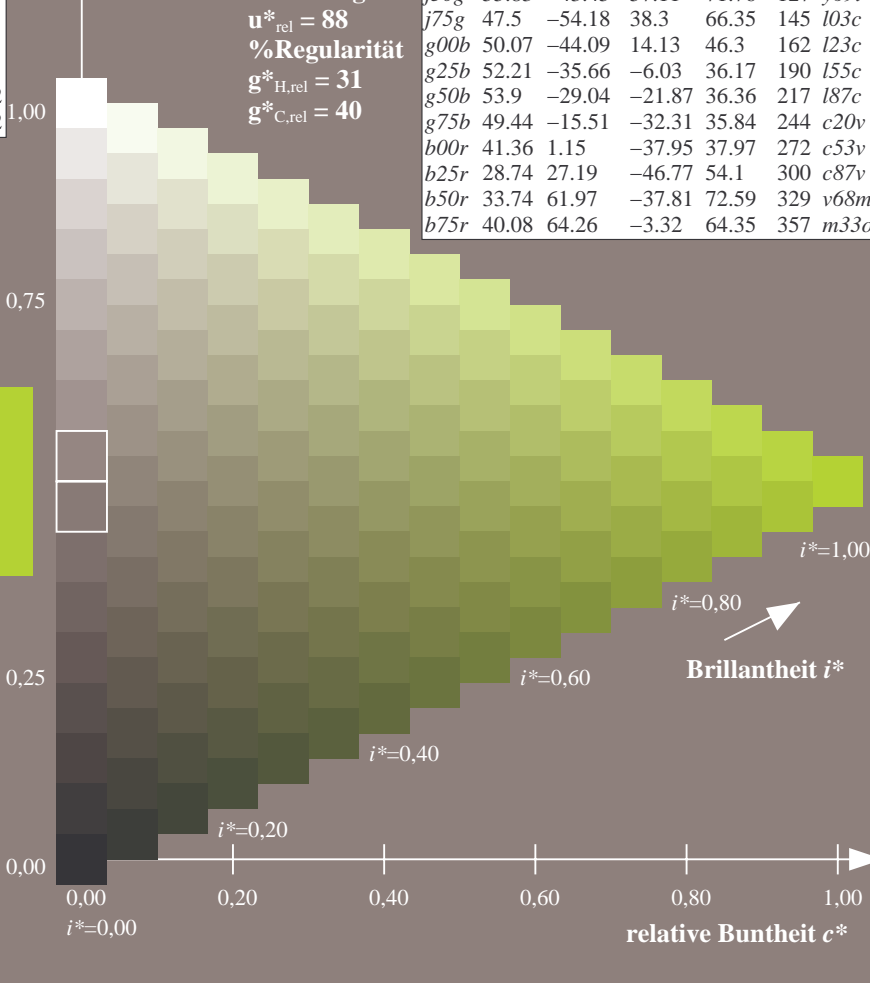
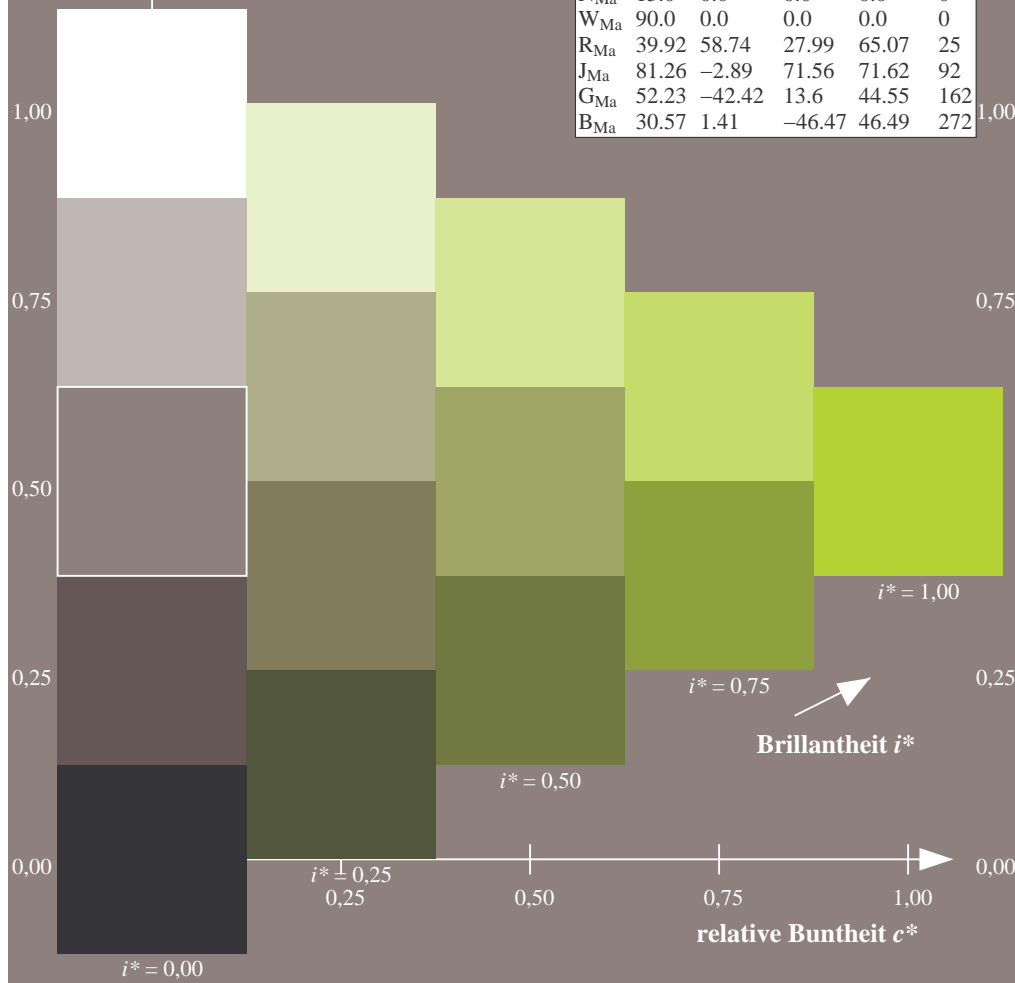
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

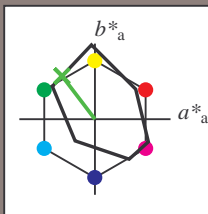
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 56 -43 57

$LAB^*LCH^*Ma$ : 56 72 127

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u_{rel}^* = 88$

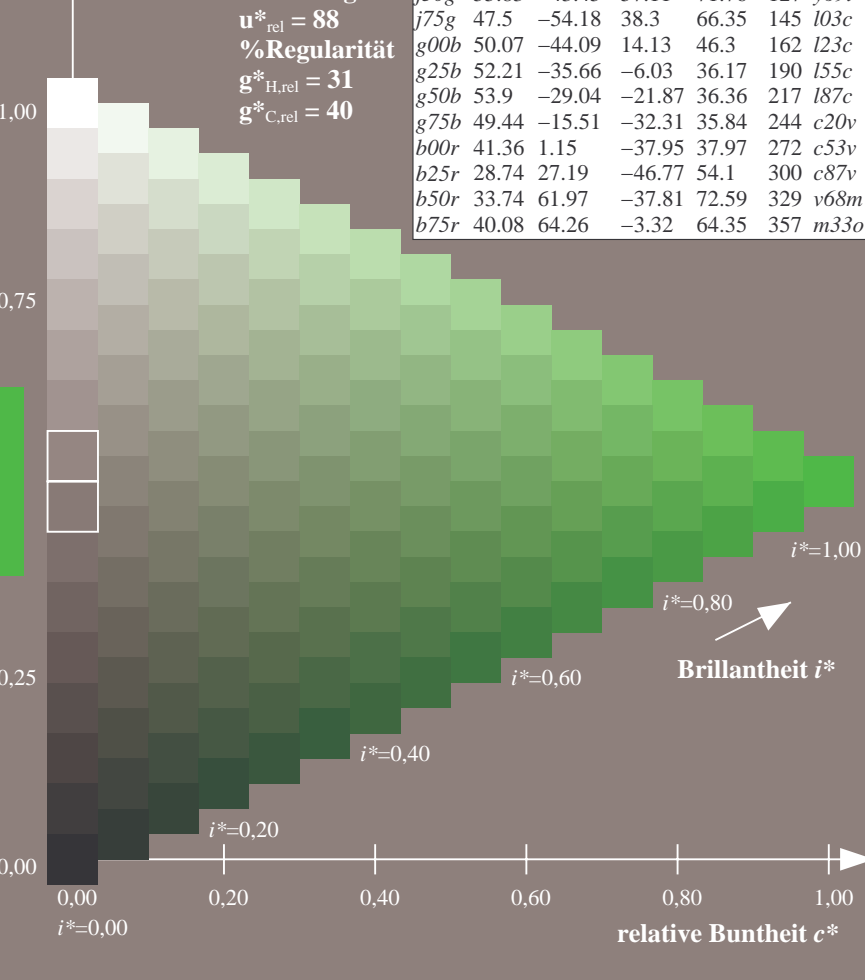
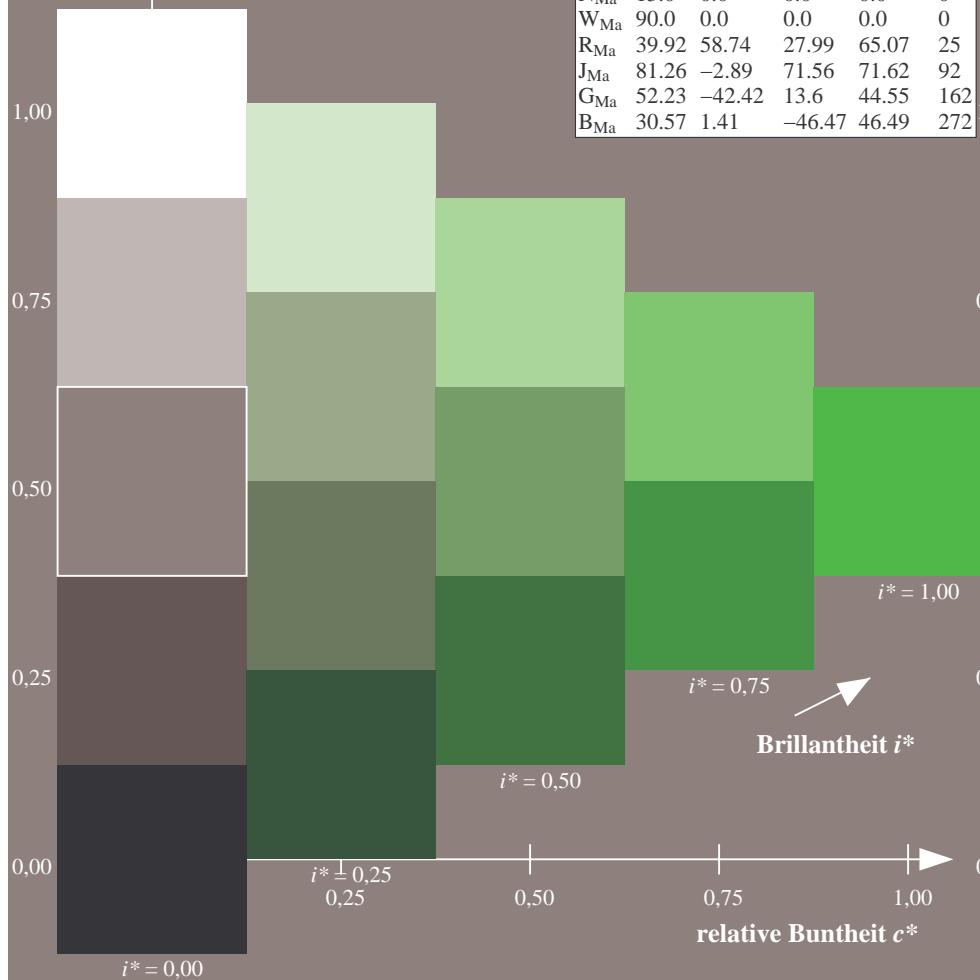
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_d^*$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

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

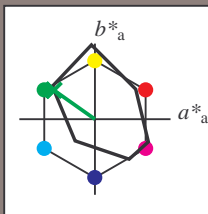
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

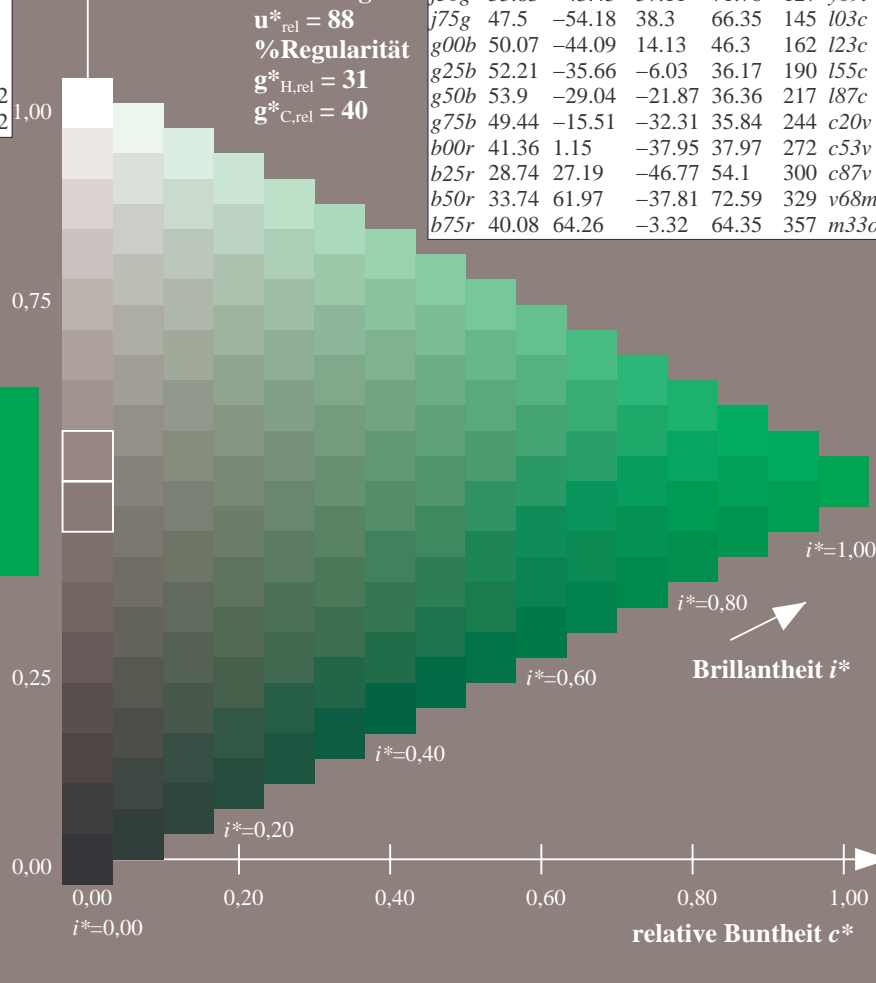
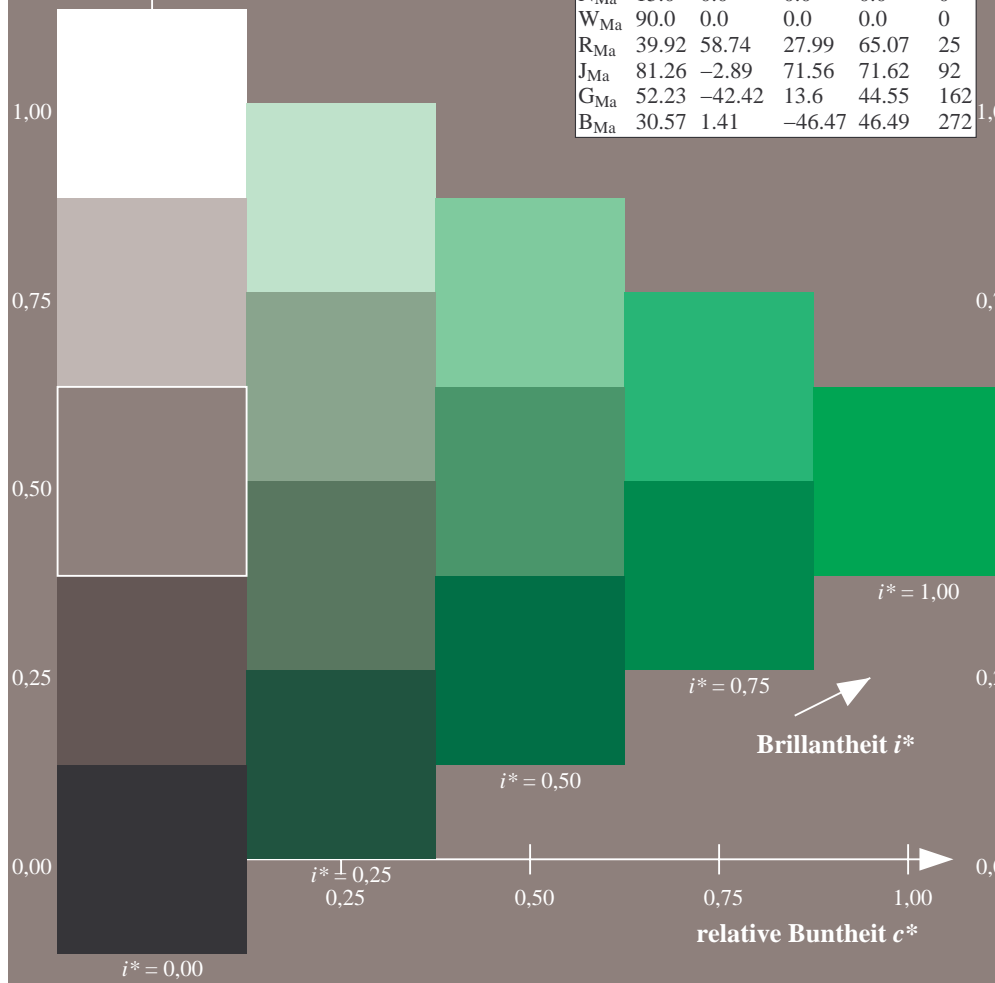
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25		m81o
r25j	42.41	49.1	44.5	66.26	42		o10y
r50j	52.78	35.22	58.37	68.17	59		o40y
r75j	64.82	19.12	74.47	76.89	76		o69y
j00g	82.06	-3.94	97.52	97.6	92		o98y
j25g	67.26	-26.87	74.67	79.36	110		y34l
j50g	55.83	-43.45	57.11	71.76	127		y69l
j75g	47.5	-54.18	38.3	66.35	145		i03c
g00b	50.07	-44.09	14.13	46.3	162		i23c
g25b	52.21	-35.66	-6.03	36.17	190		i55c
g50b	53.9	-29.04	-21.87	36.36	217		i87c
g75b	49.44	-15.51	-32.31	35.84	244		c20v
b00r	41.36	1.15	-37.95	37.97	272		c53v
b25r	28.74	27.19	-46.77	54.1	300		c87v
b50r	33.74	61.97	-37.81	72.59	329		v68m
b75r	40.08	64.26	-3.32	64.35	357		m33o



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

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

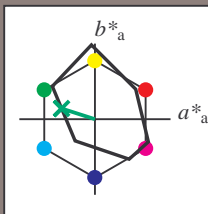
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

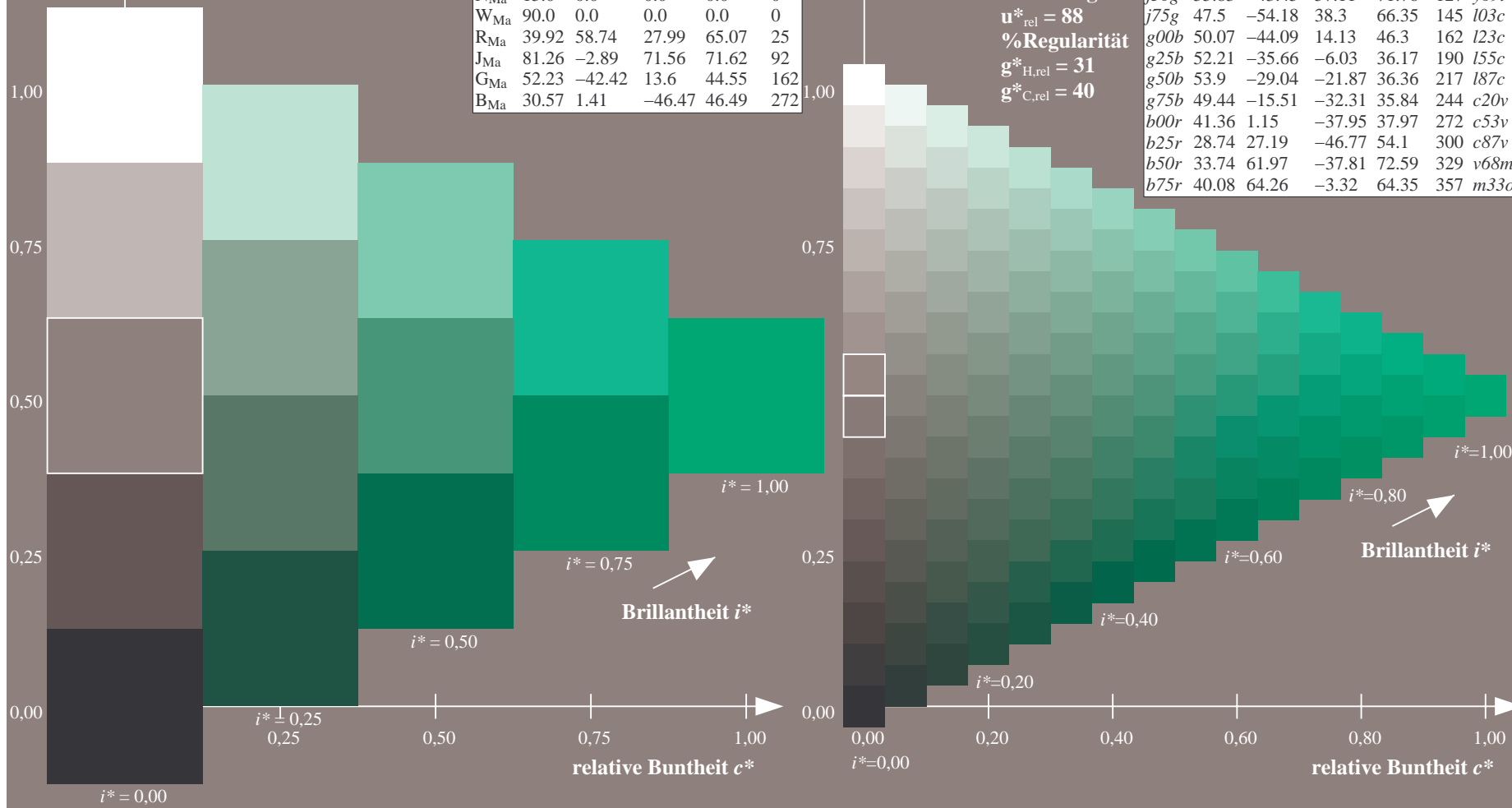
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	





Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

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

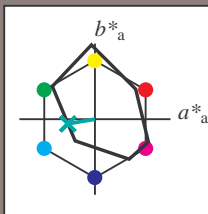
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 52 -36 -6

$LAB^*LCH^*Ma$ : 52 36 189

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

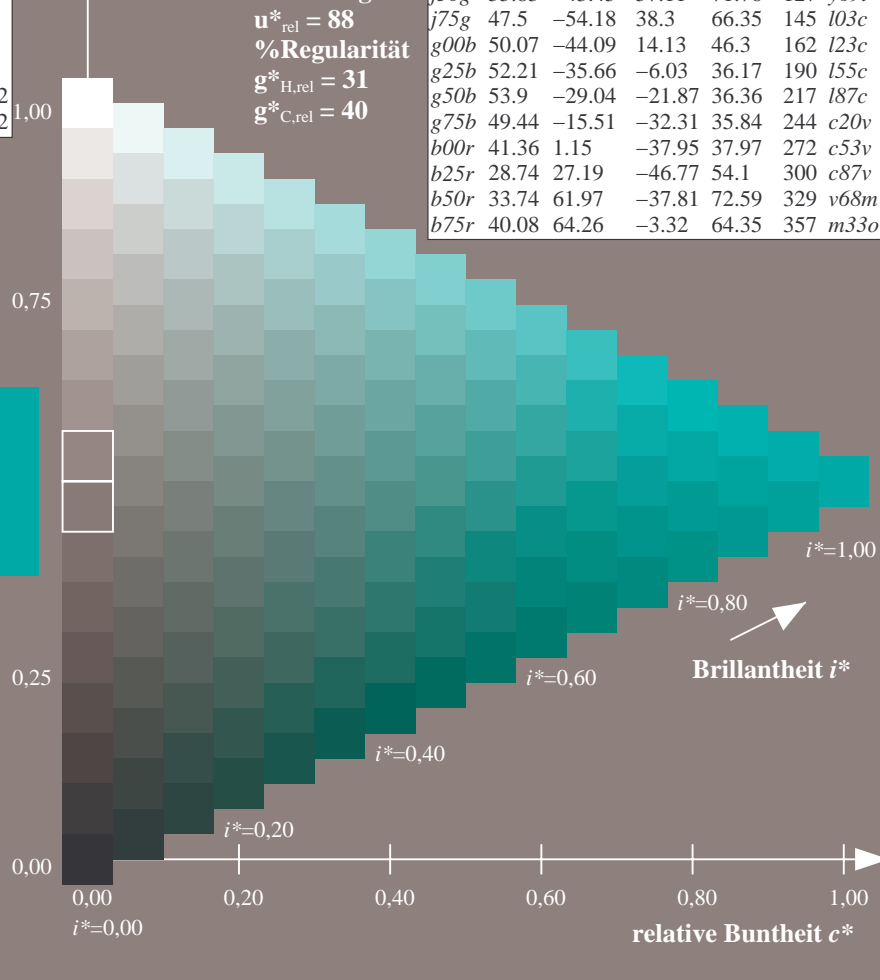
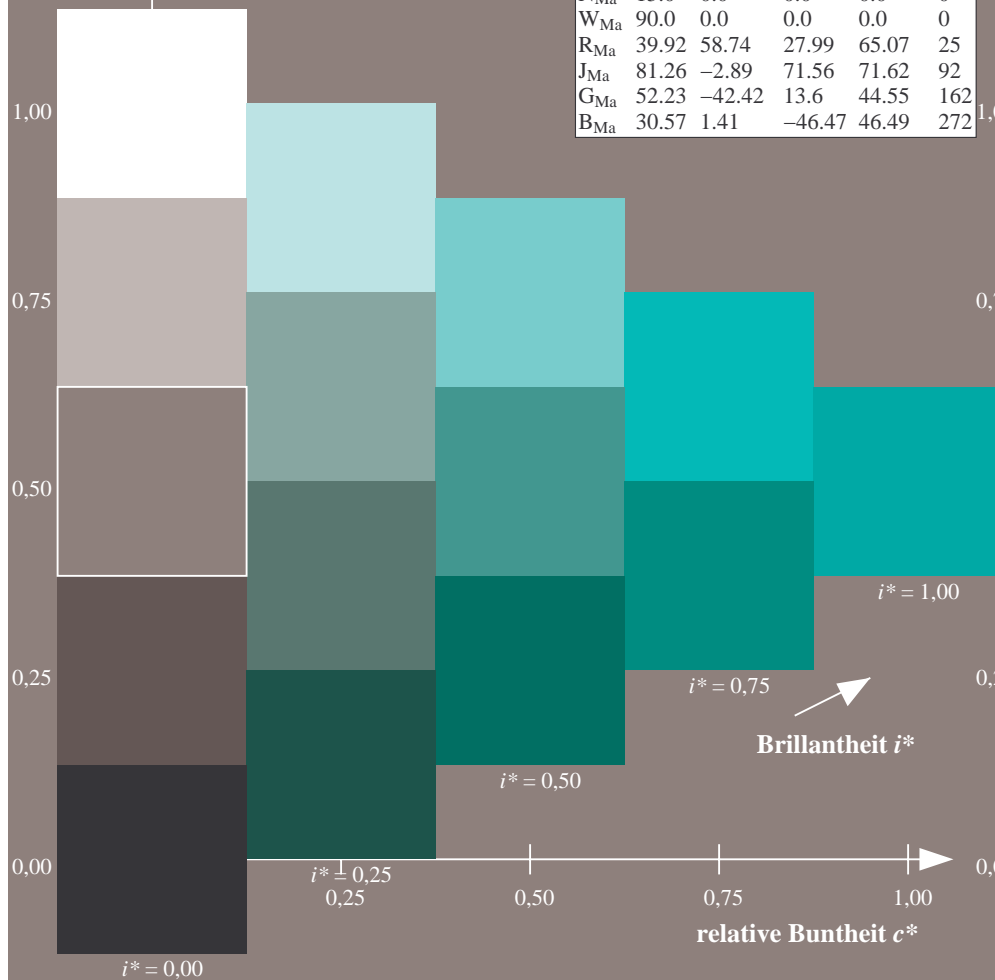
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

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

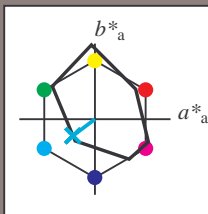
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

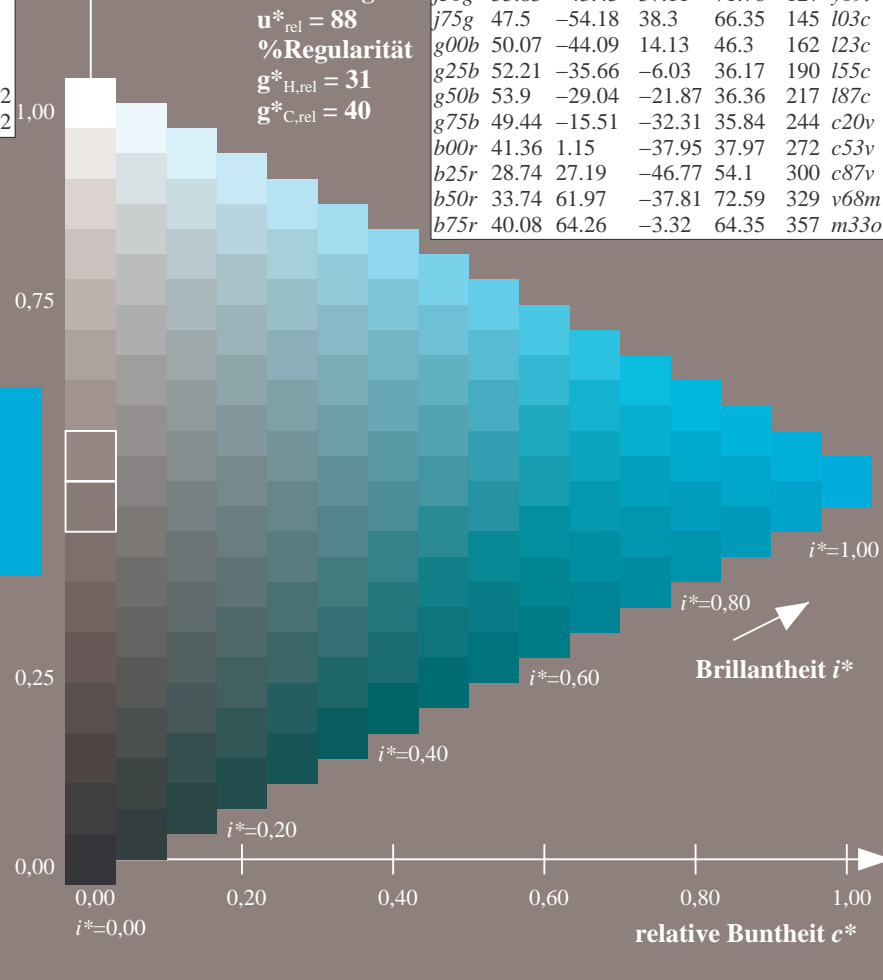
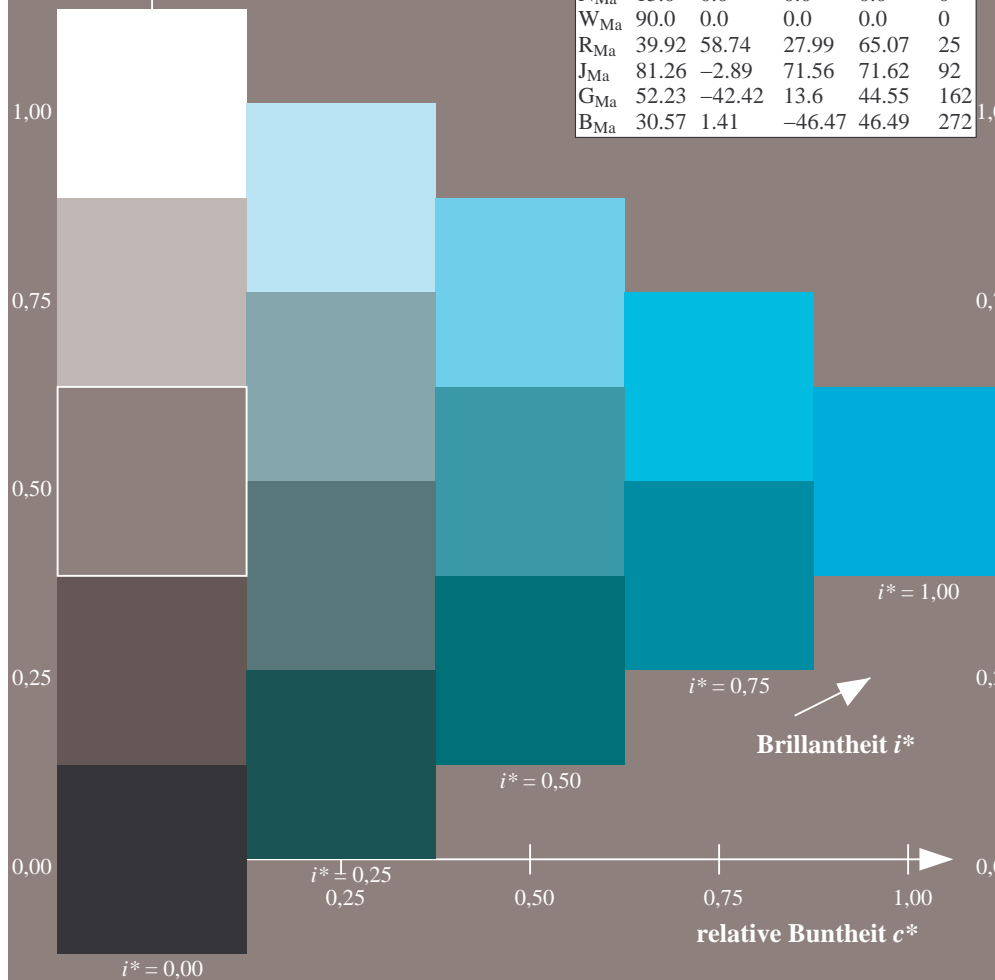
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25		m81o
r25j	42.41	49.1	44.5	66.26	42		o10y
r50j	52.78	35.22	58.37	68.17	59		o40y
r75j	64.82	19.12	74.47	76.89	76		o69y
j00g	82.06	-3.94	97.52	97.6	92		o98y
j25g	67.26	-26.87	74.67	79.36	110		y34l
j50g	55.83	-43.45	57.11	71.76	127		y69l
j75g	47.5	-54.18	38.3	66.35	145		l03c
g00b	50.07	-44.09	14.13	46.3	162		l23c
g25b	52.21	-35.66	-6.03	36.17	190		l55c
g50b	53.9	-29.04	-21.87	36.36	217		l87c
g75b	49.44	-15.51	-32.31	35.84	244		c20v
b00r	41.36	1.15	-37.95	37.97	272		c53v
b25r	28.74	27.19	-46.77	54.1	300		c87v
b50r	33.74	61.97	-37.81	72.59	329		v68m
b75r	40.08	64.26	-3.32	64.35	357		m33o



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

### Daten für jede Farbe:

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

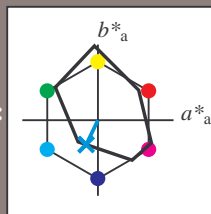
### Bunttexte:

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

**Kontrastreduzierungsfaktor:**

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



FRS09_92aM; adaptierte CIELAB-Daten					
$u_e^*$	$L^*-L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

### Daten für Maximalfarbe (Ma):

***LAB\*LAB\**M<sub>a</sub>: 49 -16 -32**

**LAB\*LCH\*Ma: 49 36 244**

**LAB\**LCH*\*<sub>Ma</sub>: 49 36 24**

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

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

### Dreiecks-Helligkeit $t^*$

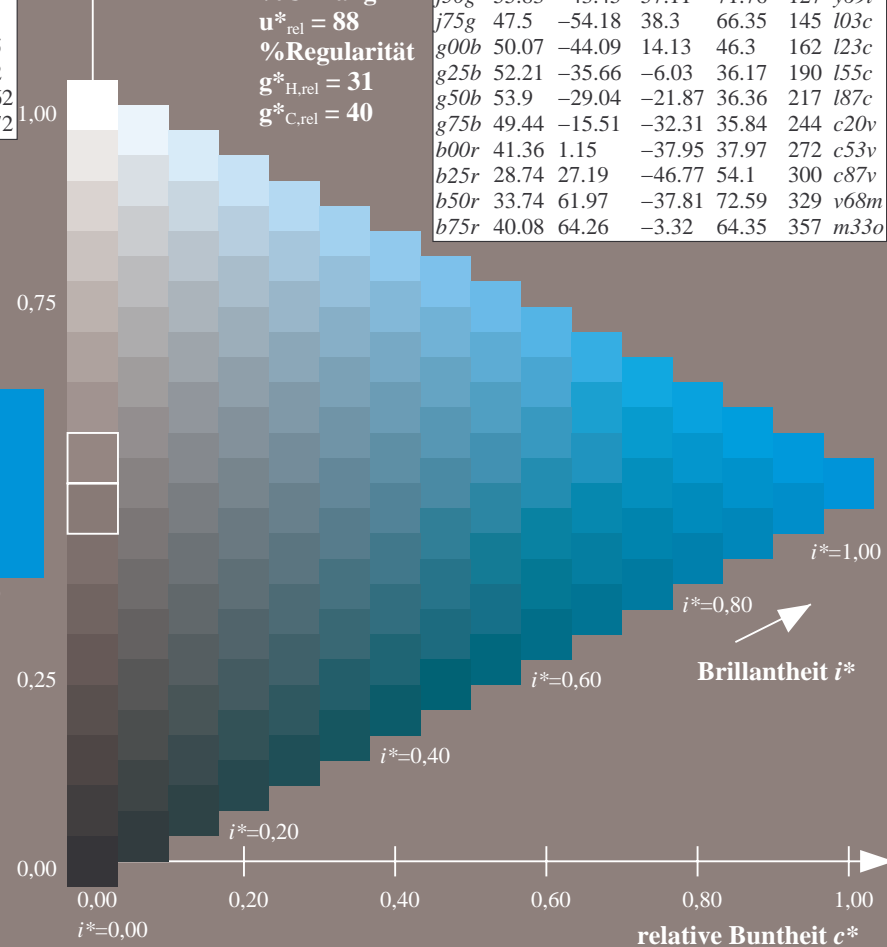
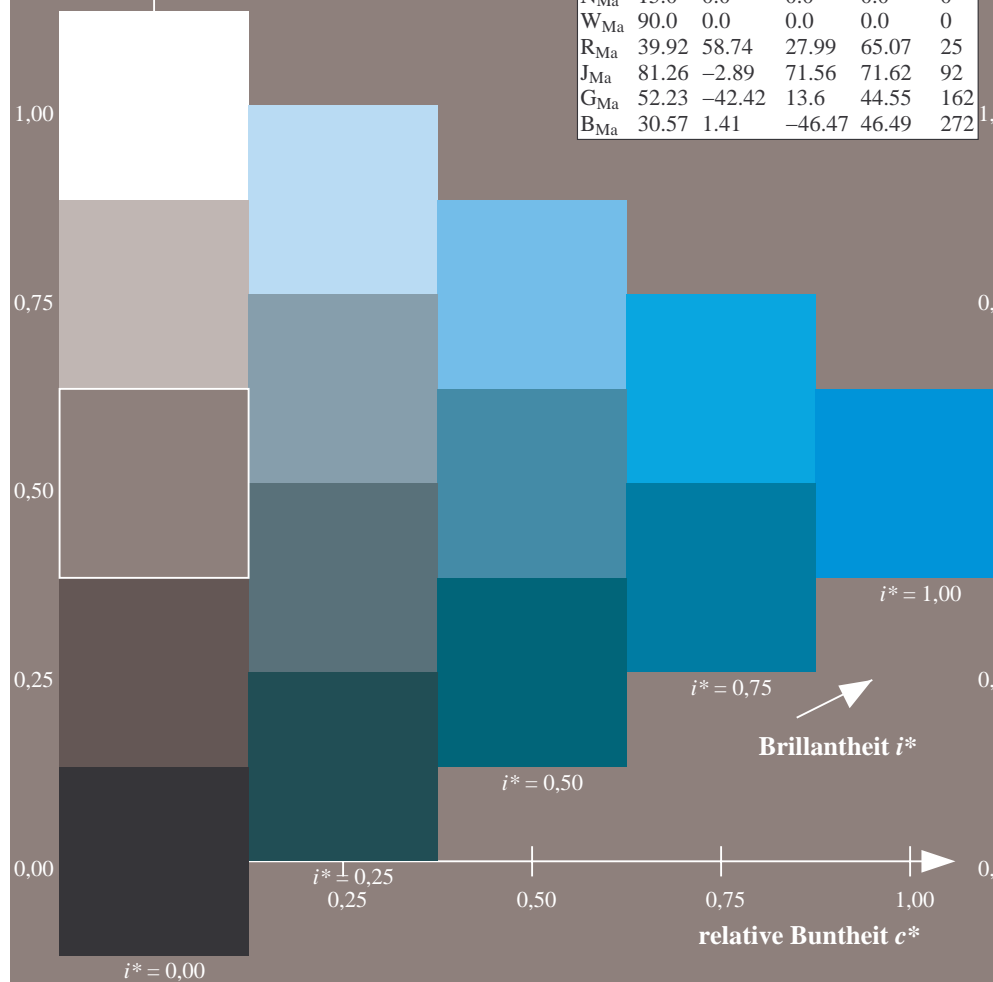
## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

## %Regularität

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

FRS09_92aM; adaptierte CIELAB-Daten							
$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_d^*$	
<i>r00j</i>	39.18	56.94	27.13	63.07	25	<i>m81o</i>	
<i>r25j</i>	42.41	49.1	44.5	66.26	42	<i>o10y</i>	
<i>r50j</i>	52.78	35.22	58.37	68.17	59	<i>o40y</i>	
<i>r75j</i>	64.82	19.12	74.47	76.89	76	<i>o69y</i>	
<i>j00g</i>	82.06	-3.94	97.52	97.6	92	<i>o98y</i>	
<i>j25g</i>	67.26	-26.87	74.67	79.36	110	<i>y34l</i>	
<i>j50g</i>	55.83	-43.45	57.11	71.76	127	<i>y69l</i>	
<i>j75g</i>	47.5	-54.18	38.3	66.35	145	<i>l03c</i>	
<i>g00b</i>	50.07	-44.09	14.13	46.3	162	<i>l23c</i>	
<i>g25b</i>	52.21	-35.66	-6.03	36.17	190	<i>l55c</i>	
<i>g50b</i>	53.9	-29.04	-21.87	36.36	217	<i>l87c</i>	
<i>g75b</i>	49.44	-15.51	-32.31	35.84	244	<i>c20v</i>	
<i>b00r</i>	41.36	1.15	-37.95	37.97	272	<i>c53v</i>	
<i>b25r</i>	28.74	27.19	-46.77	54.1	300	<i>c87v</i>	
<i>b50r</i>	33.74	61.97	-37.81	72.59	329	<i>v68m</i>	
<i>b75r</i>	40.08	64.26	-3.32	64.35	357	<i>m33o</i>	



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

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

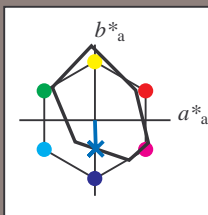
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 41 1 -38

$LAB^*LCH^*Ma$ : 41 38 271

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

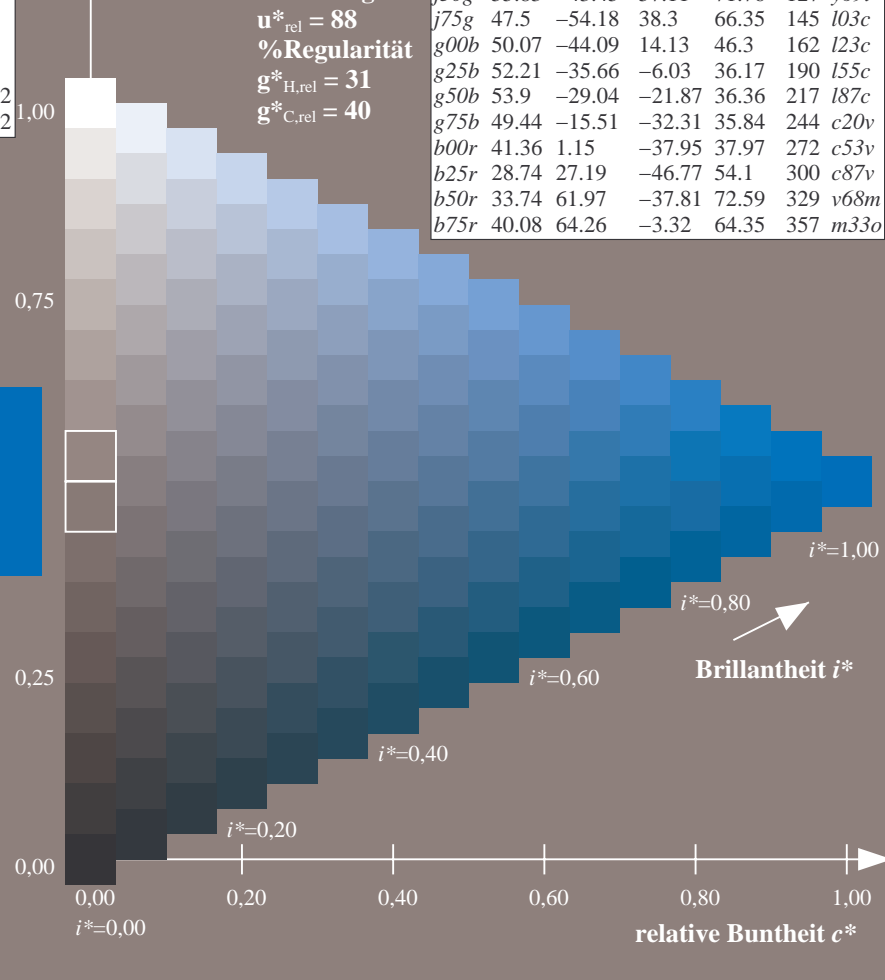
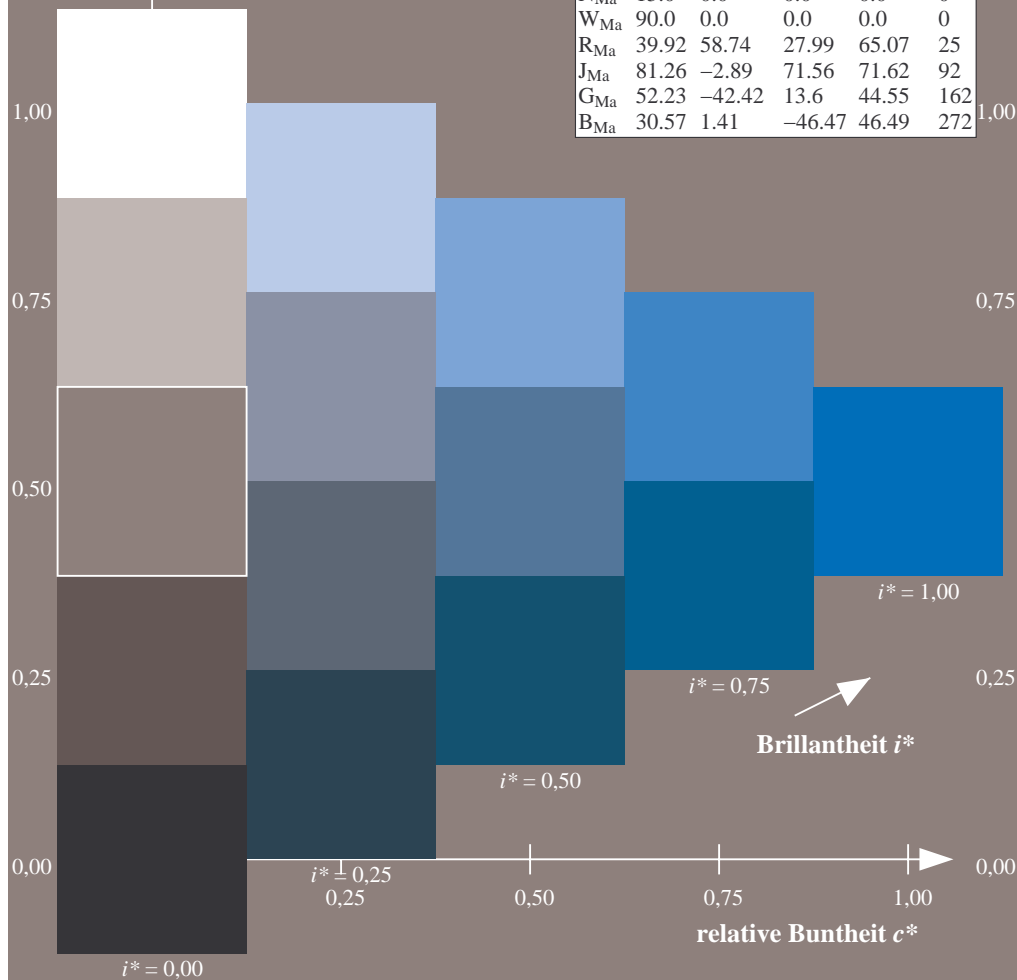
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

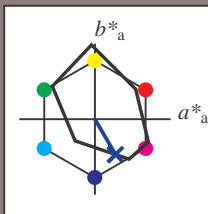
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

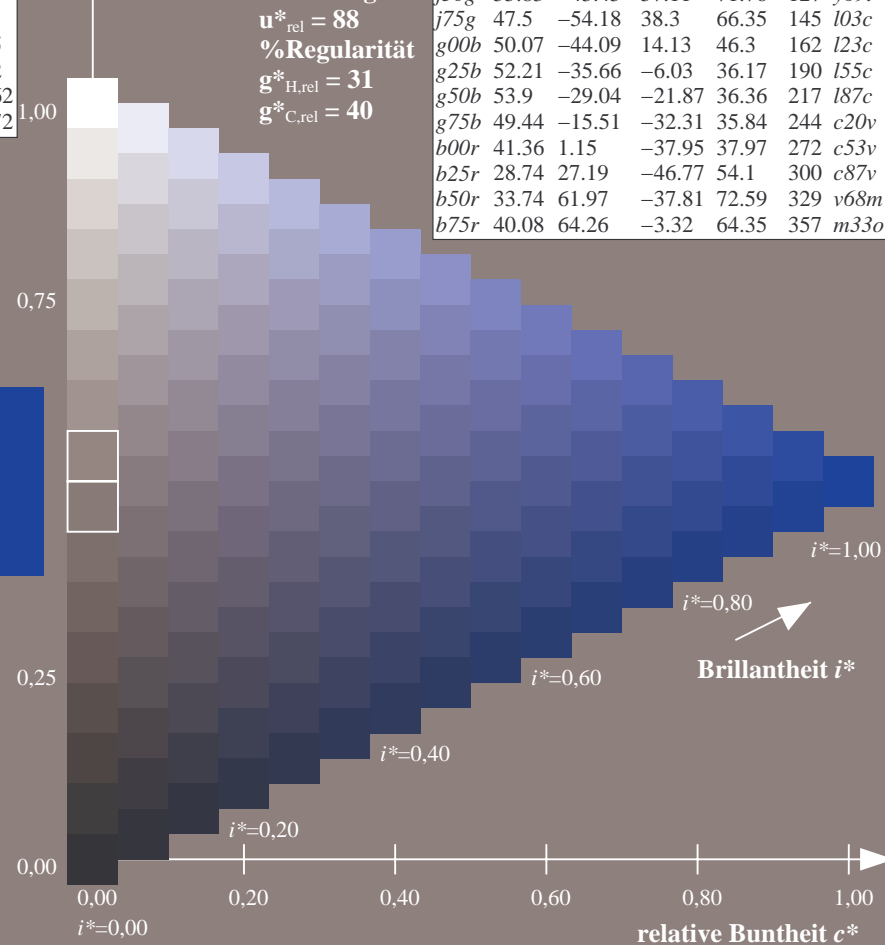
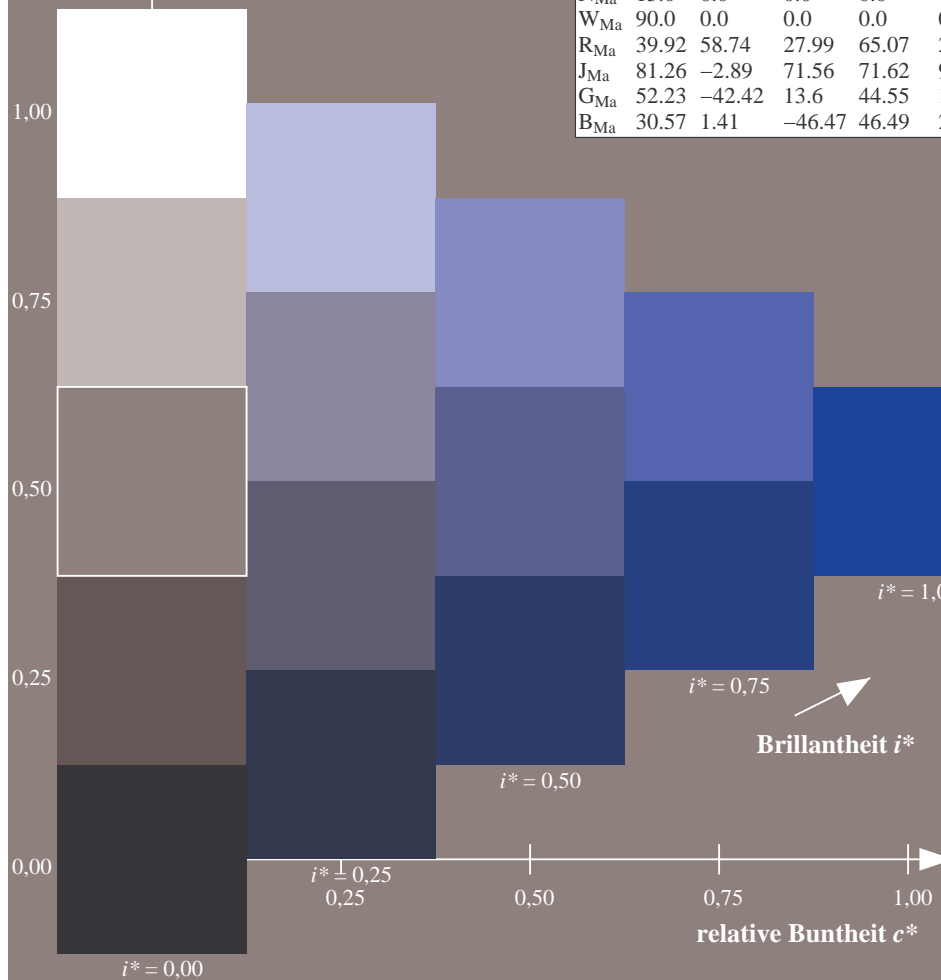
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_d^*$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*_{tch^*}$  und  $lab^*_{icu^*}$

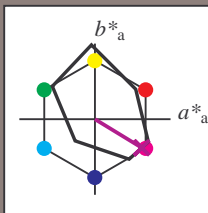
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	38.8	53.92	39.68	66.95	36	
YMa	82.58	-4.64	98.22	98.33	93	
LMa	46.95	-56.34	43.46	71.15	142	
CMa	54.62	-26.2	-28.68	38.85	228	
VMa	20.01	45.2	-52.87	69.56	311	
MMa	40.88	70.68	-29.99	76.78	337	
NMa	15.0	0.0	0.0	0.0	0	
WMa	90.0	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):

$LAB^*_{LAB^*Ma}$ : 34 62 -38

$LAB^*_{LCH^*Ma}$ : 34 73 328

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

$lab^*_{olv^*Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

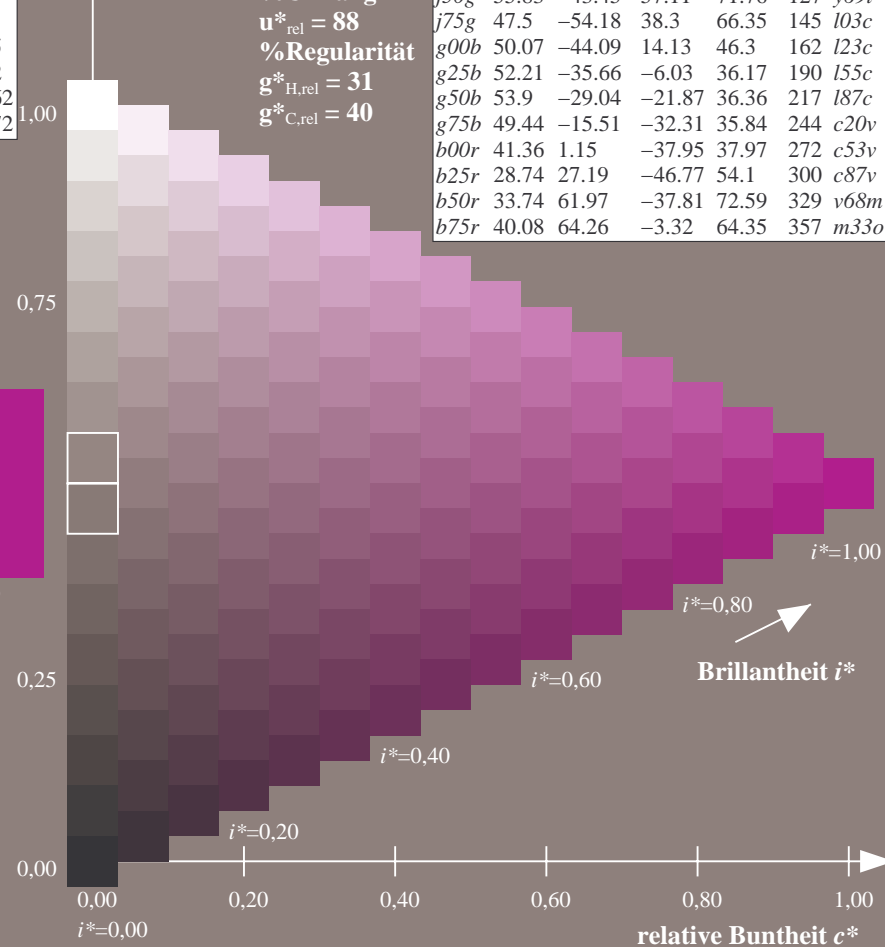
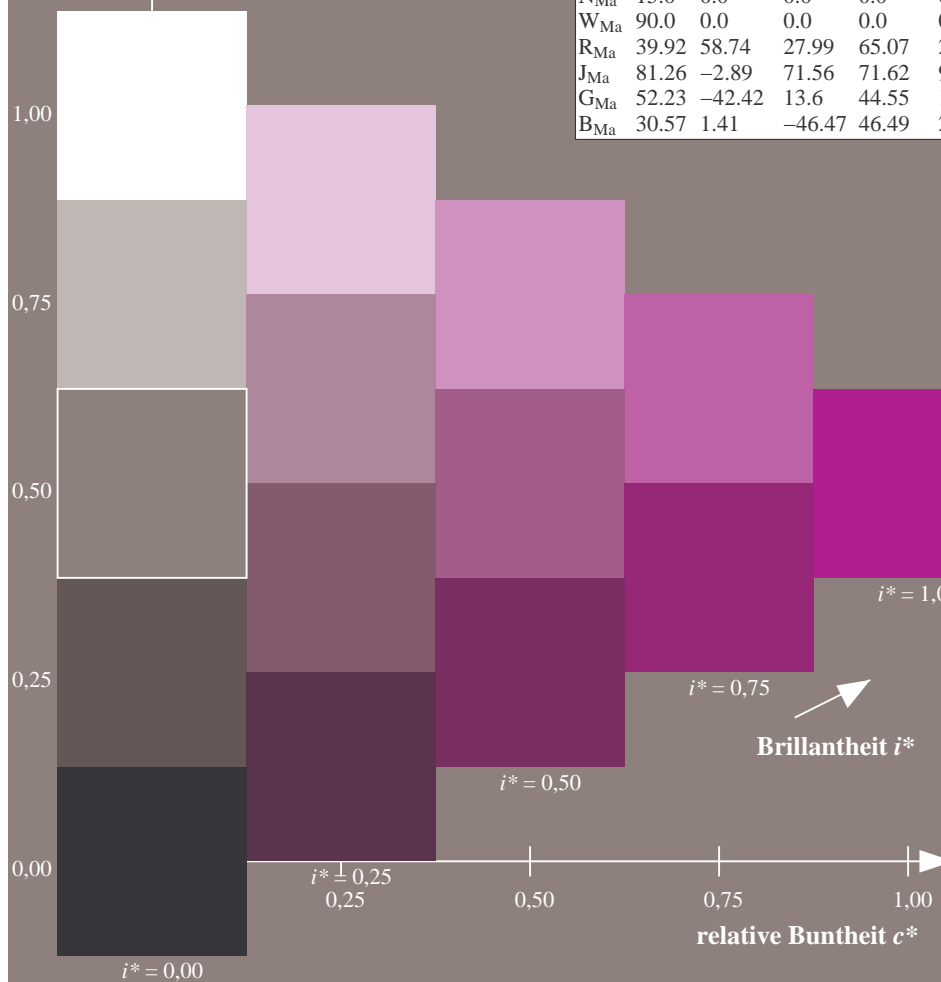
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	





Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

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

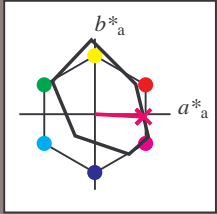
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

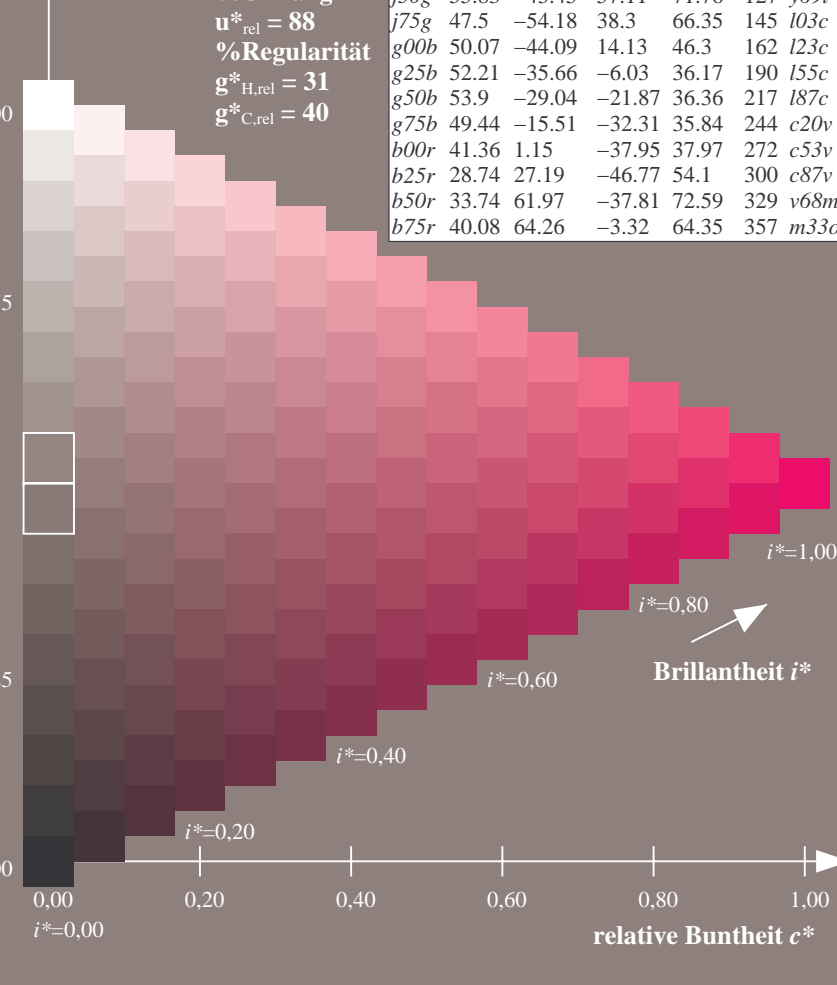
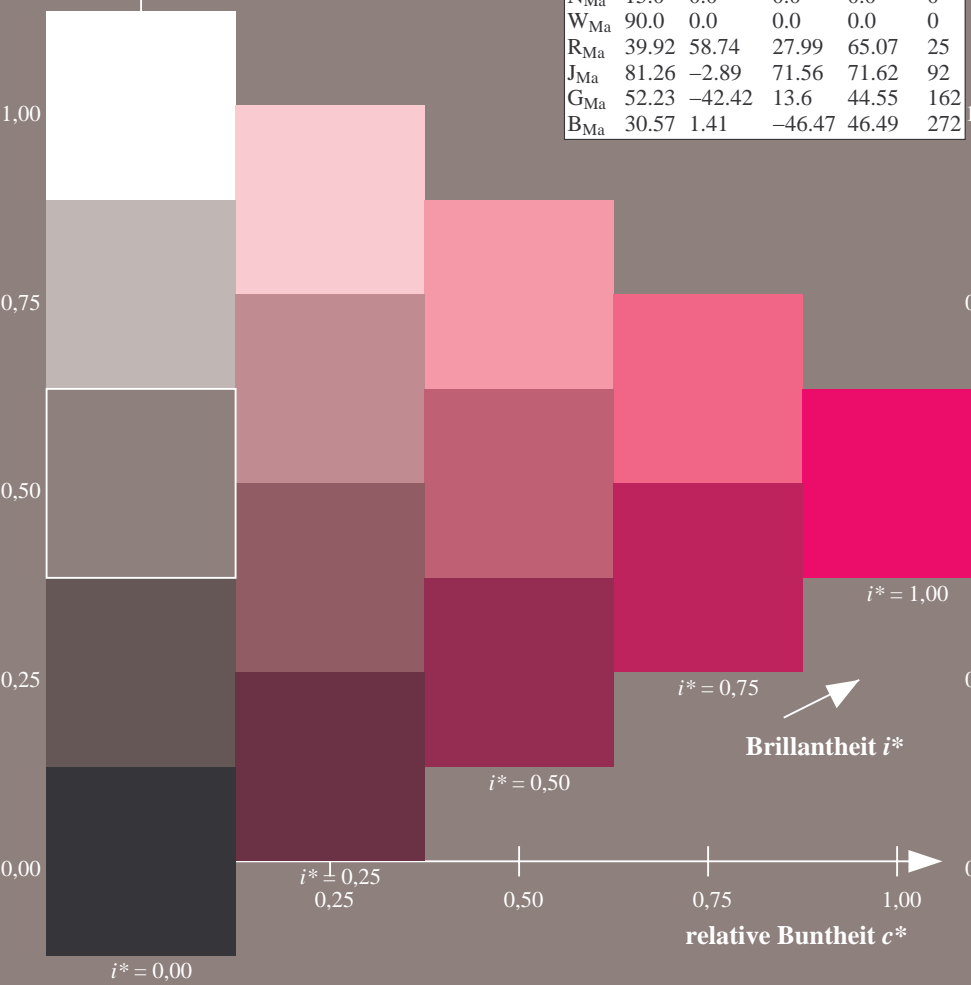
%Regularität

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

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

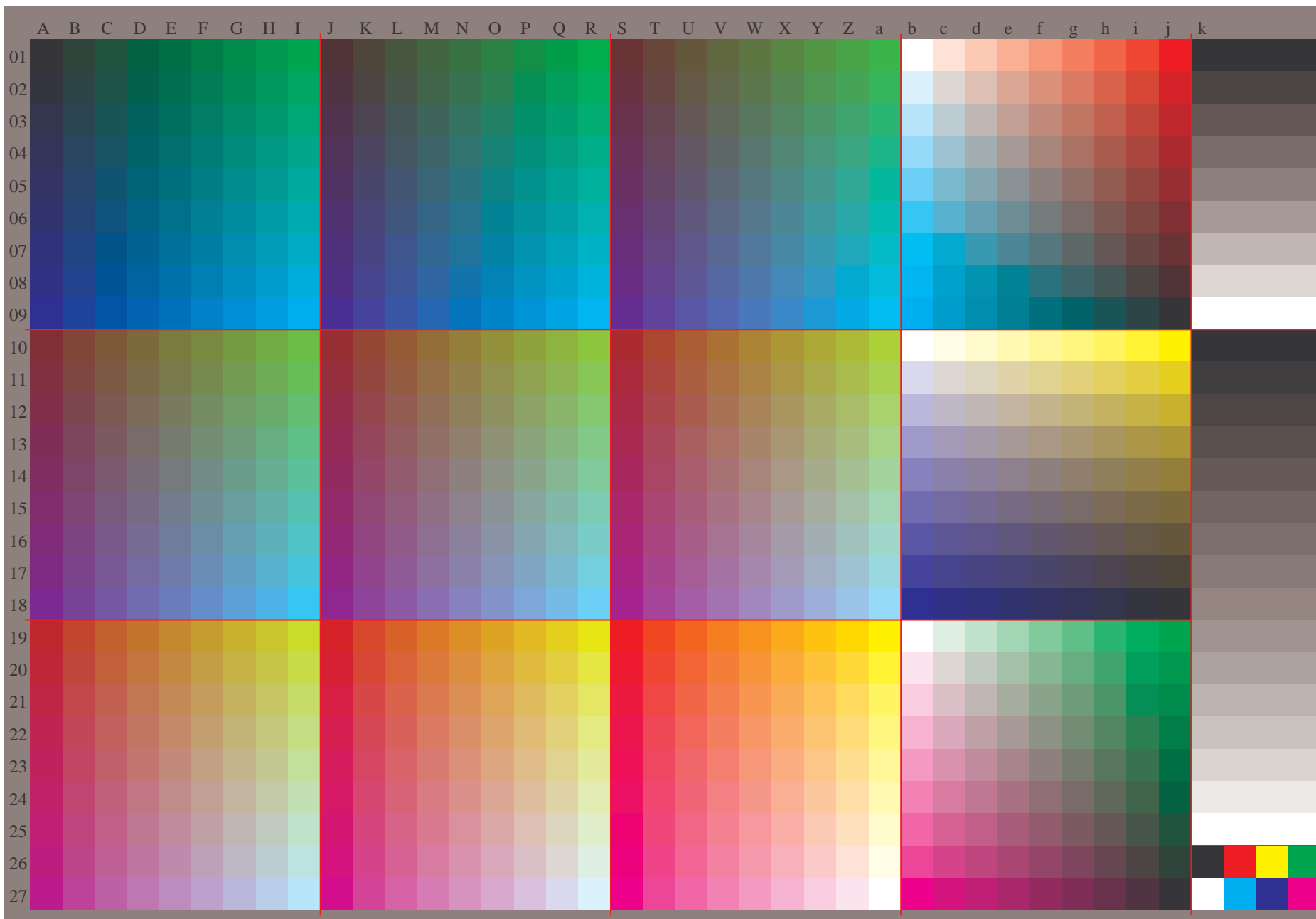
FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33/>; [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-Eg33/10L/L33G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

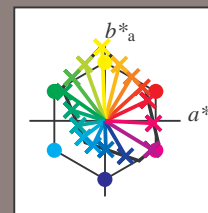


Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

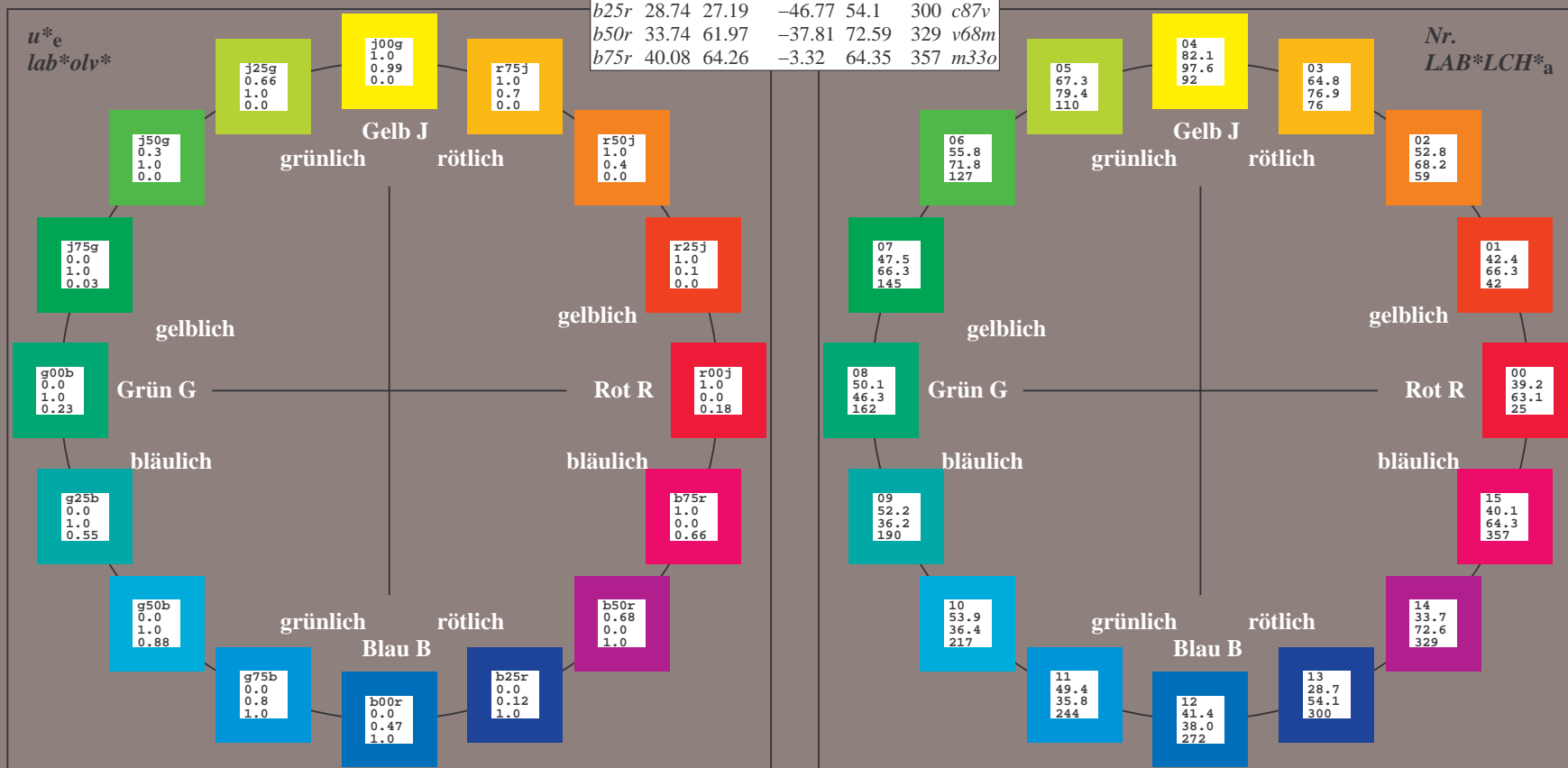
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	39.18	56.94	27.13	63.07	25	$m81o$
$r25j$	42.41	49.1	44.5	66.26	42	$o10y$
$r50j$	52.78	35.22	58.37	68.17	59	$o40y$
$r75j$	64.82	19.12	74.47	76.89	76	$o69y$
$j00g$	82.06	-3.94	97.52	97.6	92	$o98y$
$j25g$	67.26	-26.87	74.67	79.36	110	$y34l$
$j50g$	55.83	-43.45	57.11	71.76	127	$y69l$
$j75g$	47.5	-54.18	38.3	66.35	145	$l03c$
$g00b$	50.07	-44.09	14.13	46.3	162	$l23c$
$g25b$	52.21	-35.66	-6.03	36.17	190	$l55c$
$g50b$	53.9	-29.04	-21.87	36.36	217	$l87c$
$g75b$	49.44	-15.51	-32.31	35.84	244	$c20v$
$b00r$	41.36	1.15	-37.95	37.97	272	$c53v$
$b25r$	28.74	27.19	-46.77	54.1	300	$c87v$
$b50r$	33.74	61.97	-37.81	72.59	329	$v68m$
$b75r$	40.08	64.26	-3.32	64.35	357	$m33o$



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

FRS09\_92aM; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.89	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.42	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

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

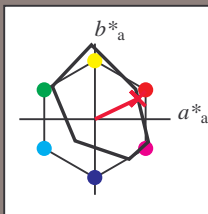
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

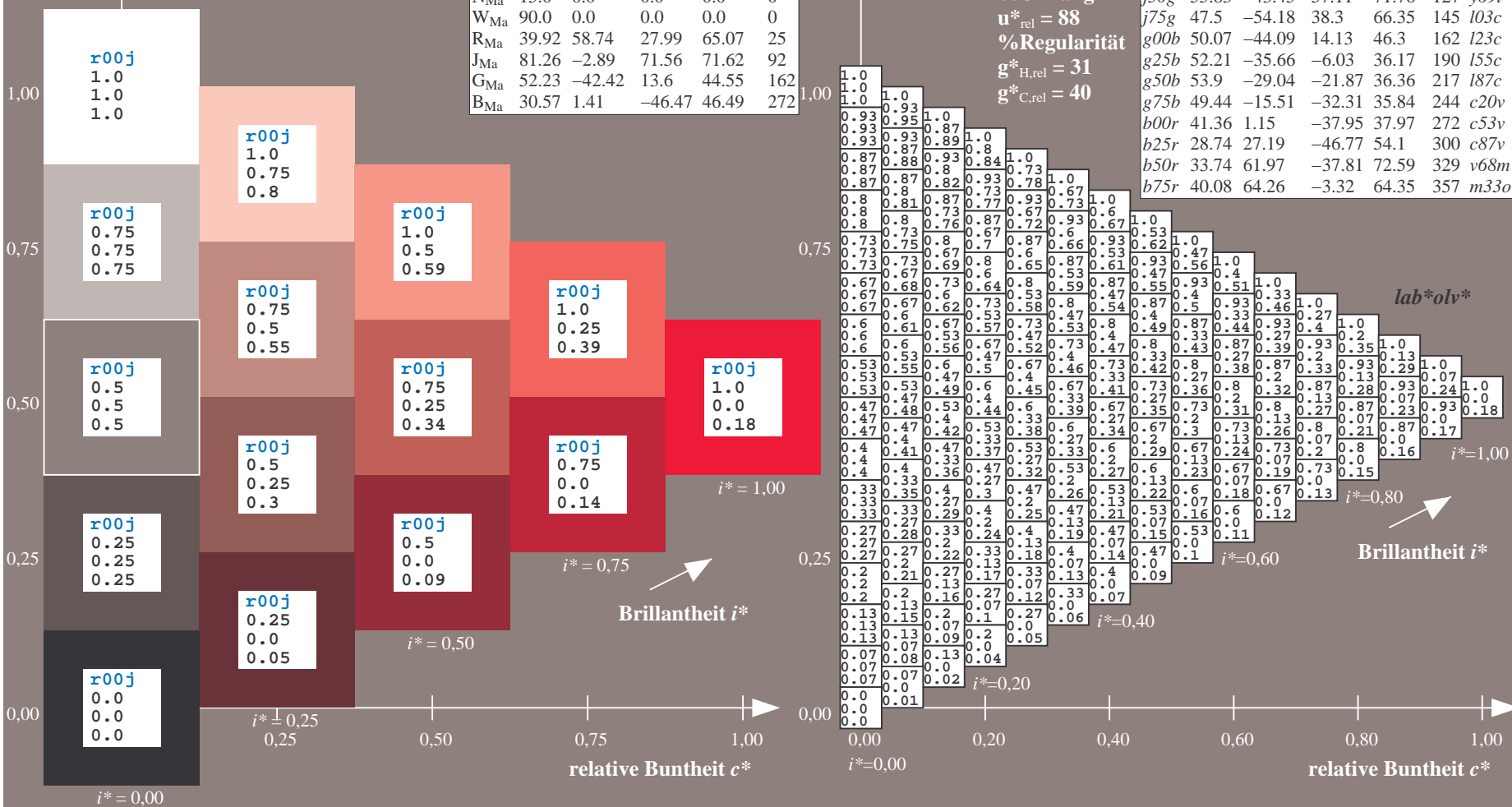
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

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

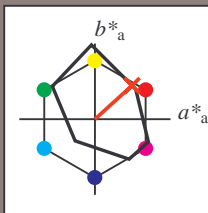
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 42 49 44

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

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
j25g	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$\text{lab}^*\text{olv}^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

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

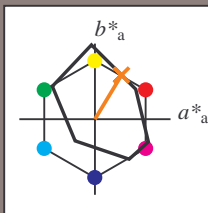
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

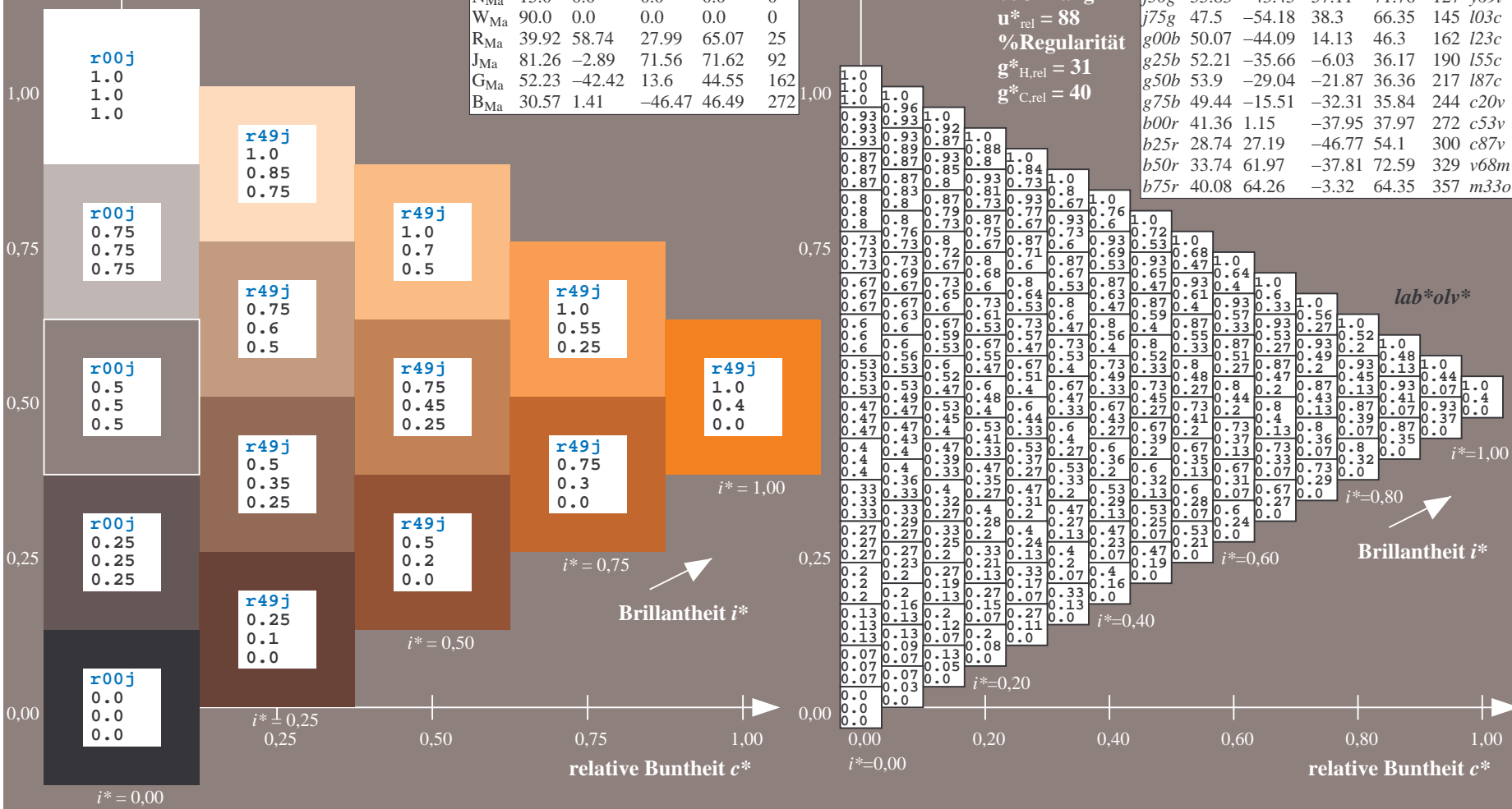
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

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

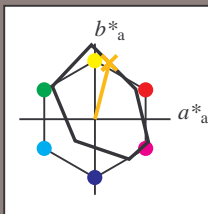
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

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

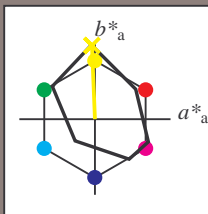
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

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

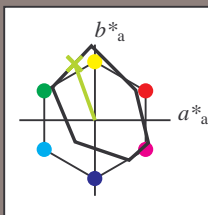
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-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 -27 75

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 67 79 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$\text{lab}^*\text{olv}^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Bunttheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab} \cdot h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

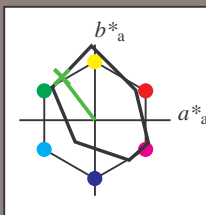
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB} \cdot \text{LAB}^*_{\text{Ma}}: 56 -43 57$

$\text{LAB} \cdot \text{LCH}^*_{\text{Ma}}: 56 72 127$

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

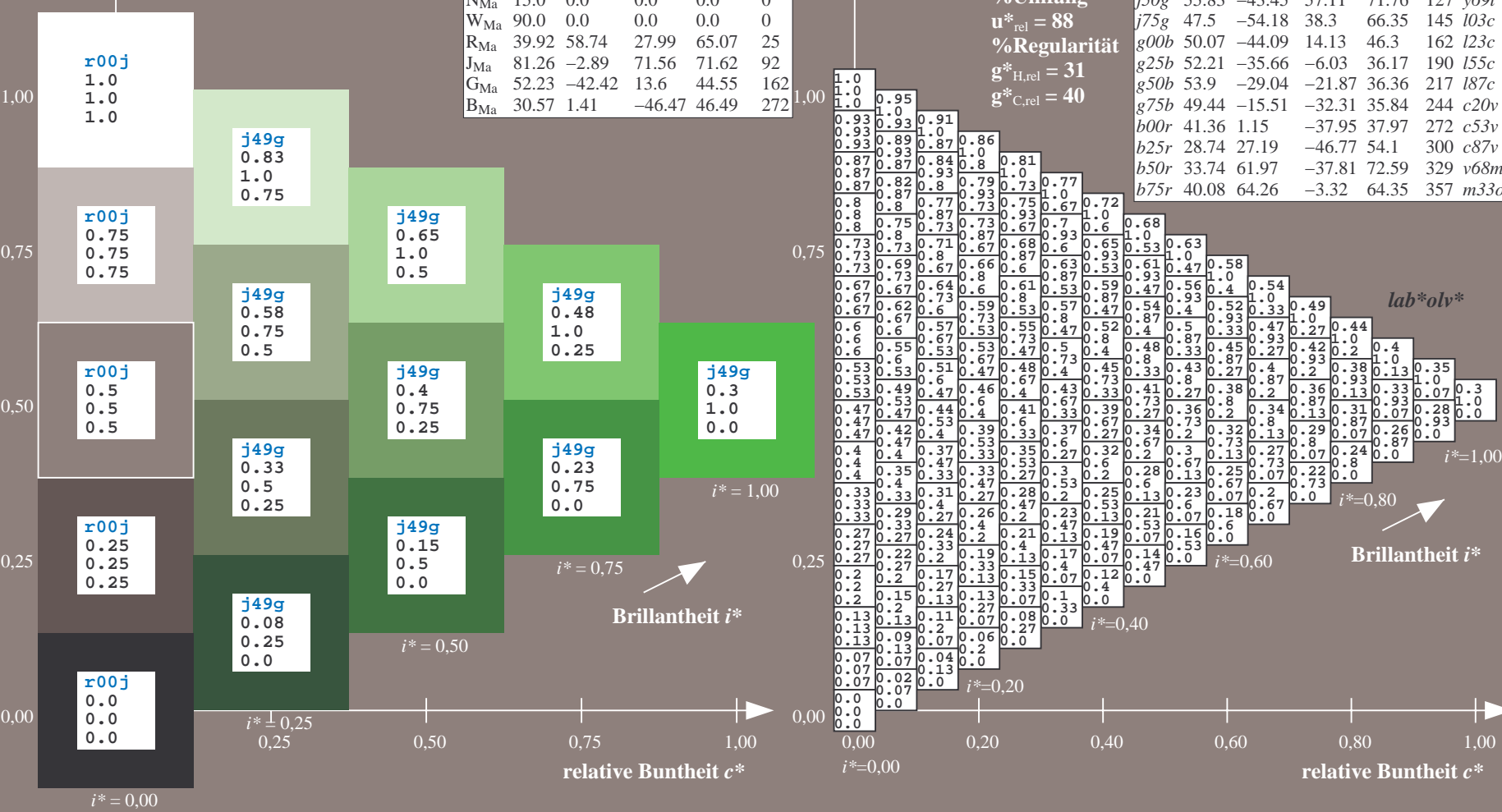
$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

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

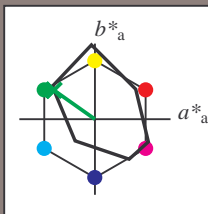
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

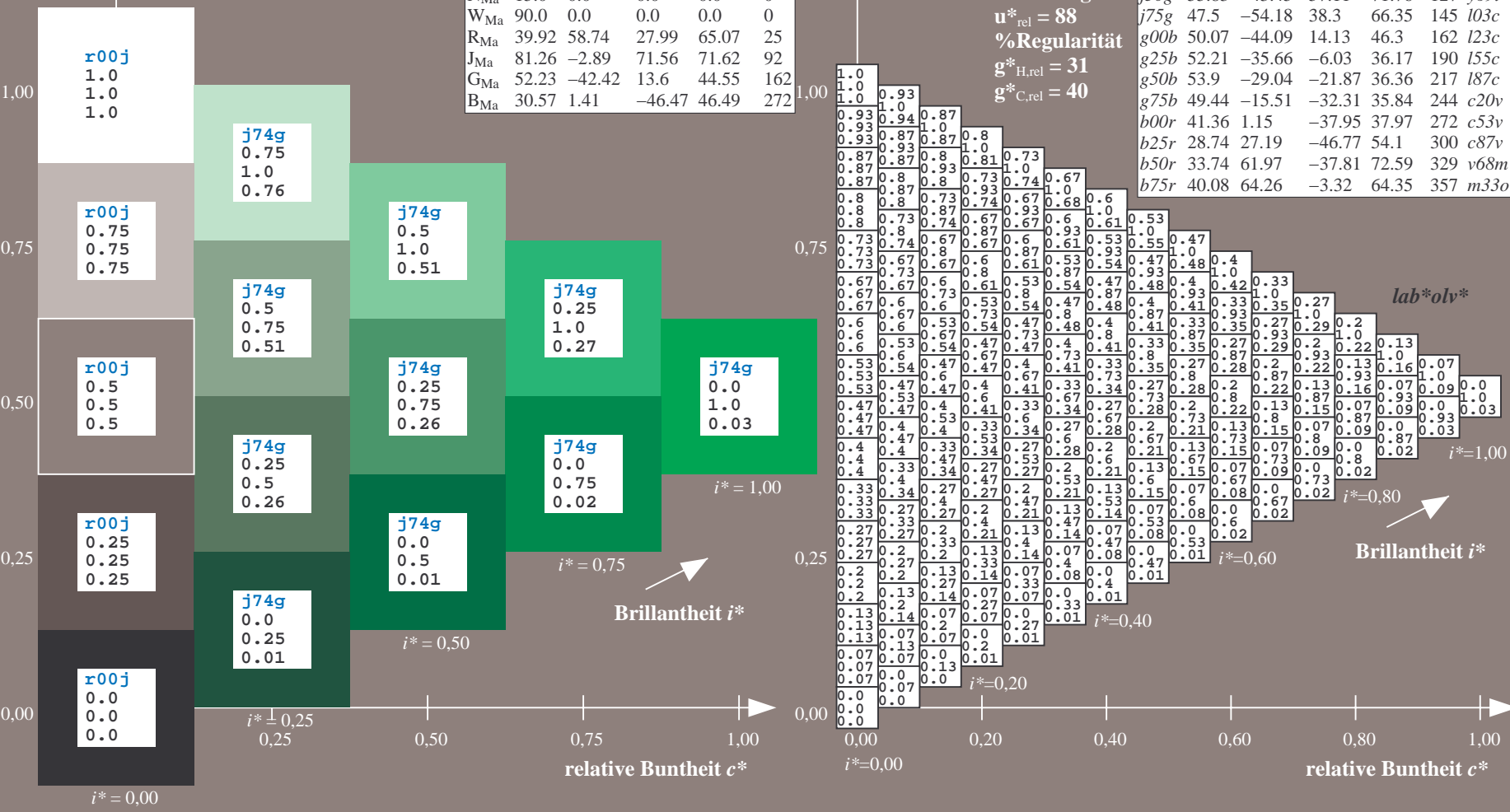
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

### Daten für jede Farbe:

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

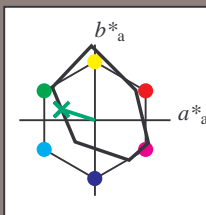
## Bunttexte:

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

**Kontrastreduzierungsfaktor:**

 $c_R = 0.9$ 

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



FRS09_92aM; adaptierte CIELAB-Daten						
$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	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>Ma</sub>: 50 -44 14**

**LAB\*LCH\*Ma: 50 46 162**

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

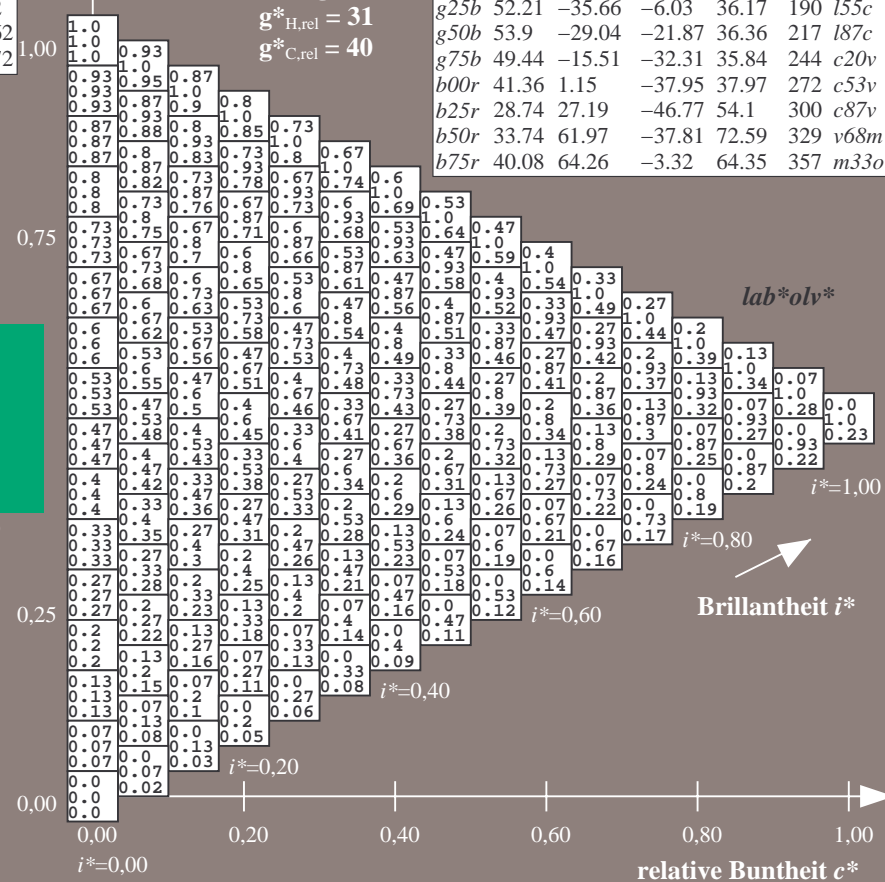
*lab\*rgb*\*<sub>Ma</sub>: 0.0 1.0 0.0  
*lab\*ol\**\*<sub>Ma</sub>: 0.0 1.0 0.23

### Dreiecks-Helligkeit $t^*$

## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

### %Regularität

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


## Brillantheit *i*\*

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



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

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

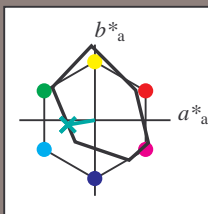
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

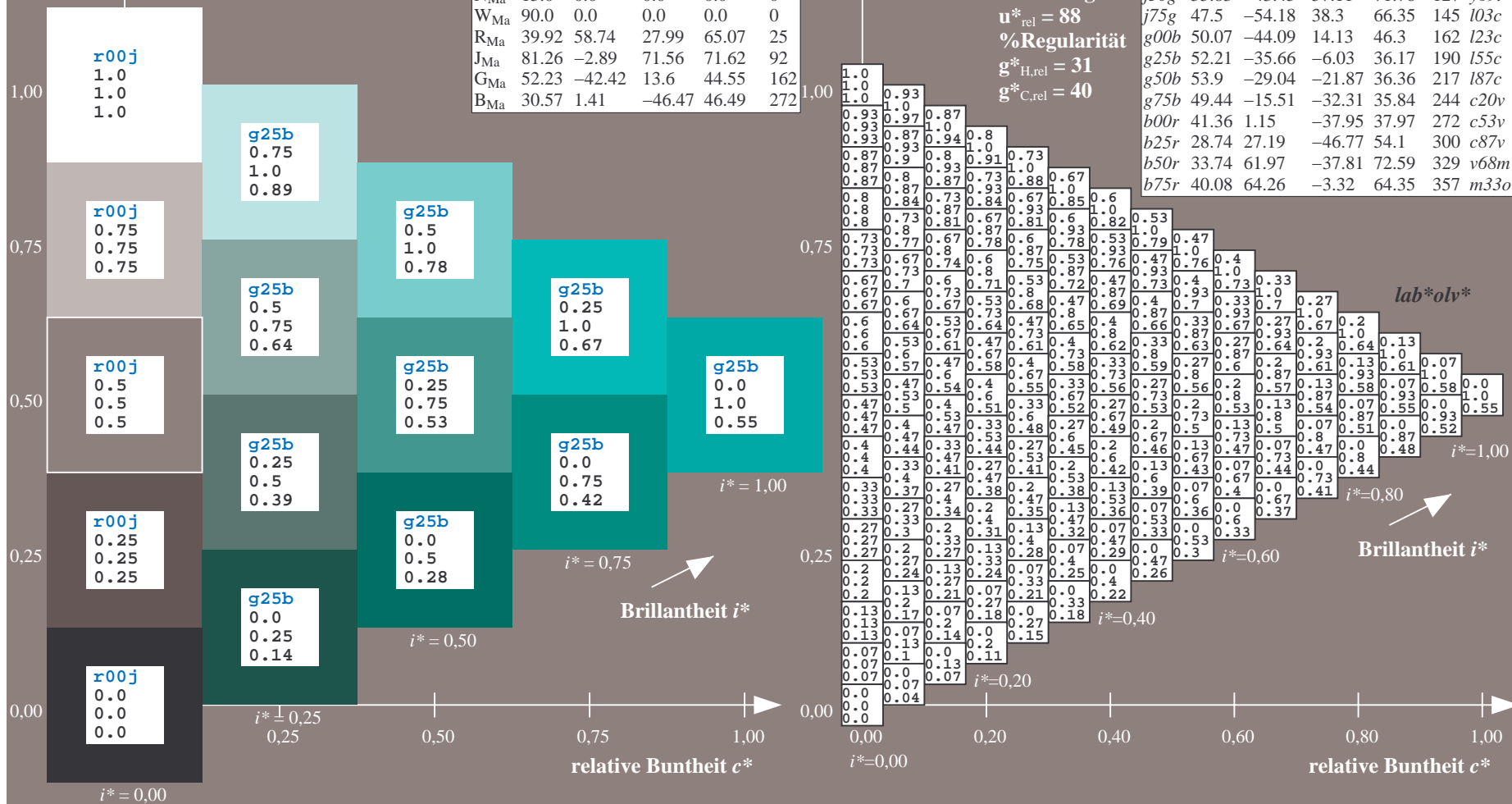
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

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

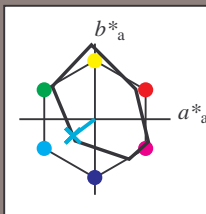
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $i^*$

%Umfang

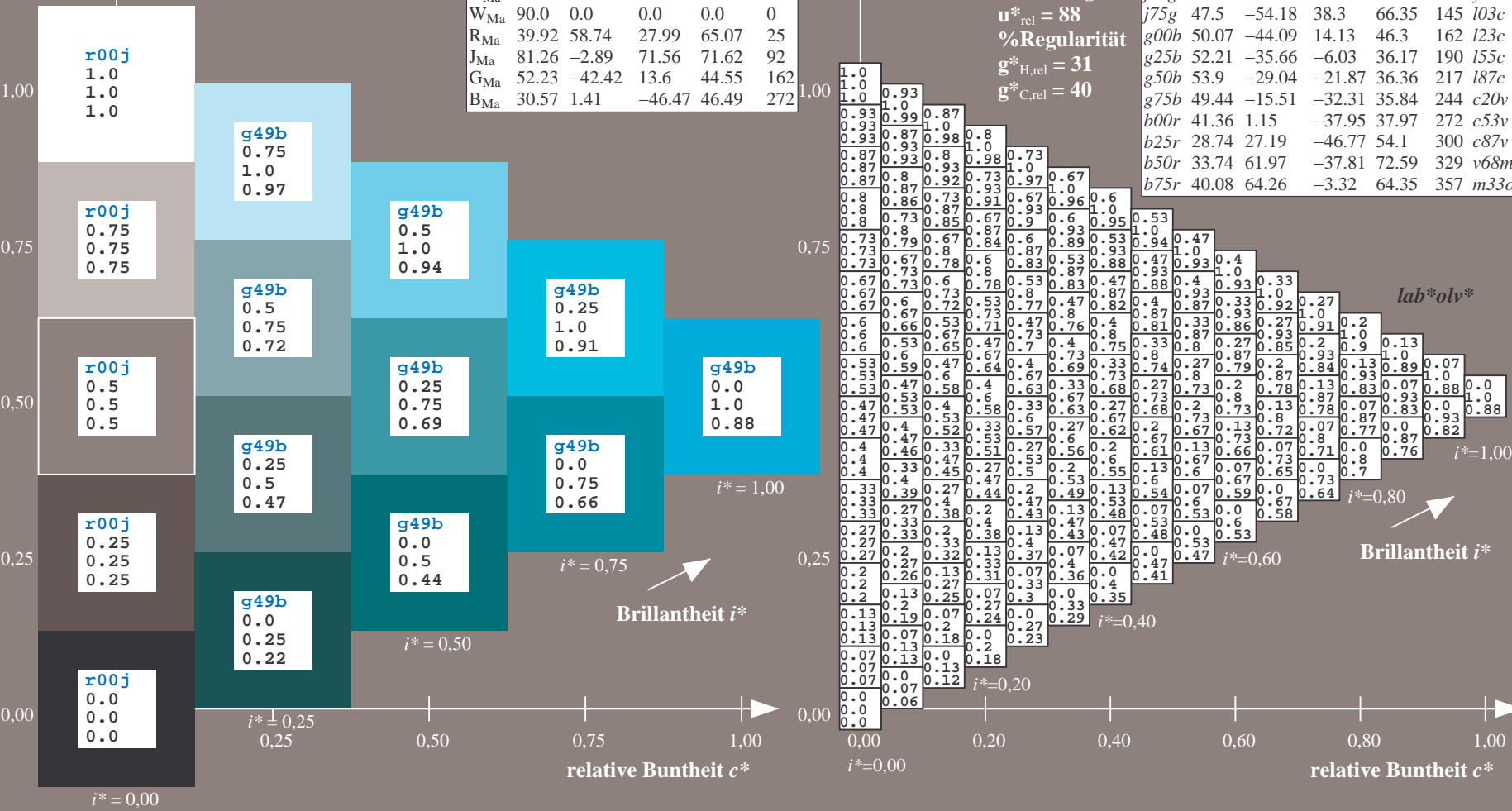
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

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

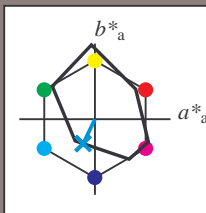
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

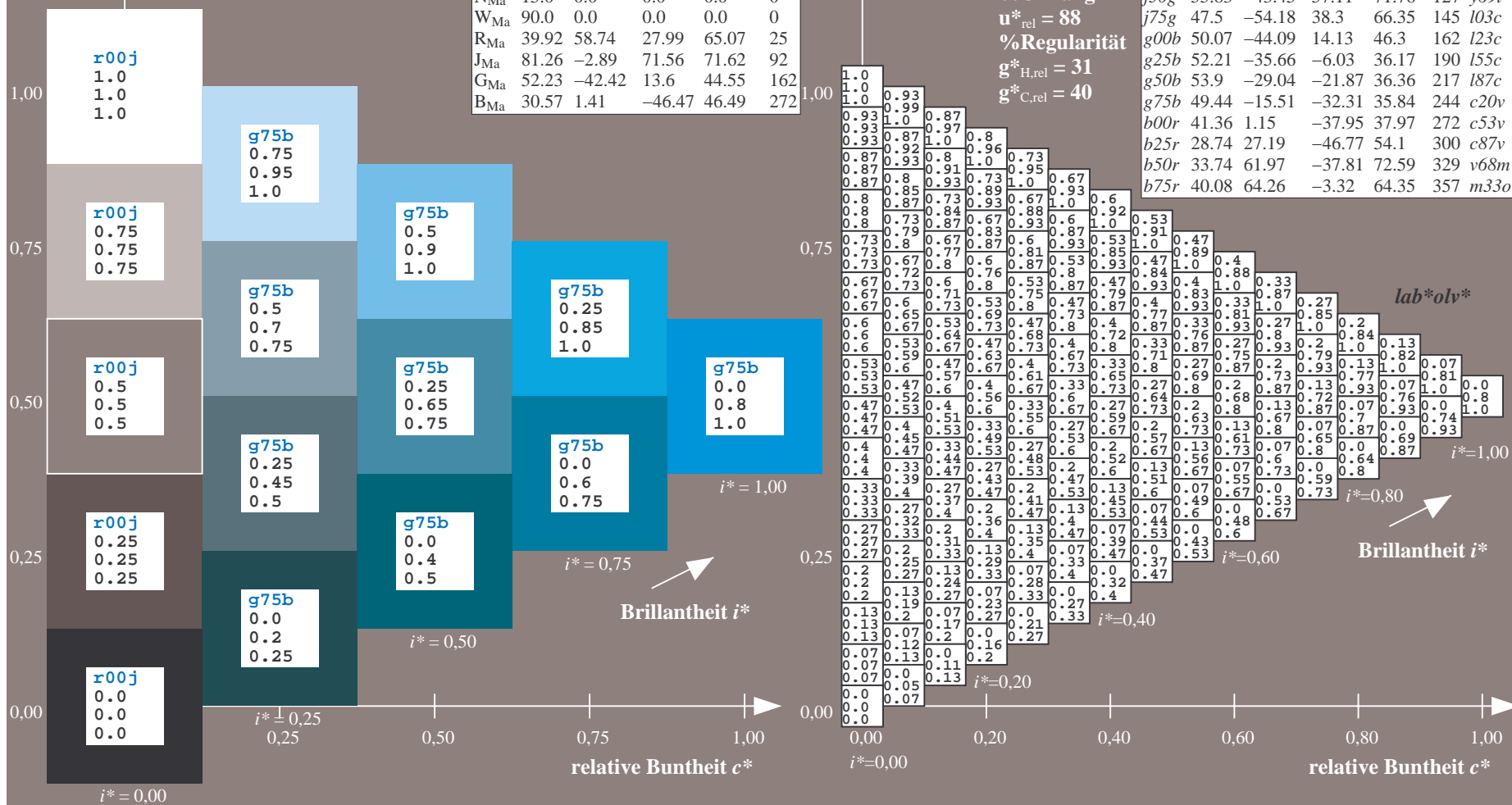
$g^*_{H,rel} = 31$

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

$u^*_e = g75b$   
 $lab^*olv^*$

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25		m81o
r25j	42.41	49.1	44.5	66.26	42		o10y
r50j	52.78	35.22	58.37	68.17	59		o40y
r75j	64.82	19.12	74.47	76.89	76		o69y
j00g	82.06	-3.94	97.52	97.6	92		o98y
j25g	67.26	-26.87	74.67	79.36	110		y34l
j50g	55.83	-43.45	57.11	71.76	127		y69l
j75g	47.5	-54.18	38.3	66.35	145		l03c
g00b	50.07	-44.09	14.13	46.3	162		l23c
g25b	52.21	-35.66	-6.03	36.17	190		l55c
g50b	53.9	-29.04	-21.87	36.36	217		l87c
g75b	49.44	-15.51	-32.31	35.84	244		c20v
b00r	41.36	1.15	-37.95	37.97	272		c53v
b25r	28.74	27.19	-46.77	54.1	300		c87v
b50r	33.74	61.97	-37.81	72.59	329		v68m
b75r	40.08	64.26	-3.32	64.35	357		m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

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

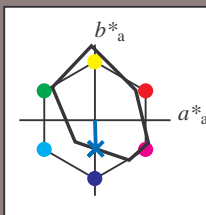
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

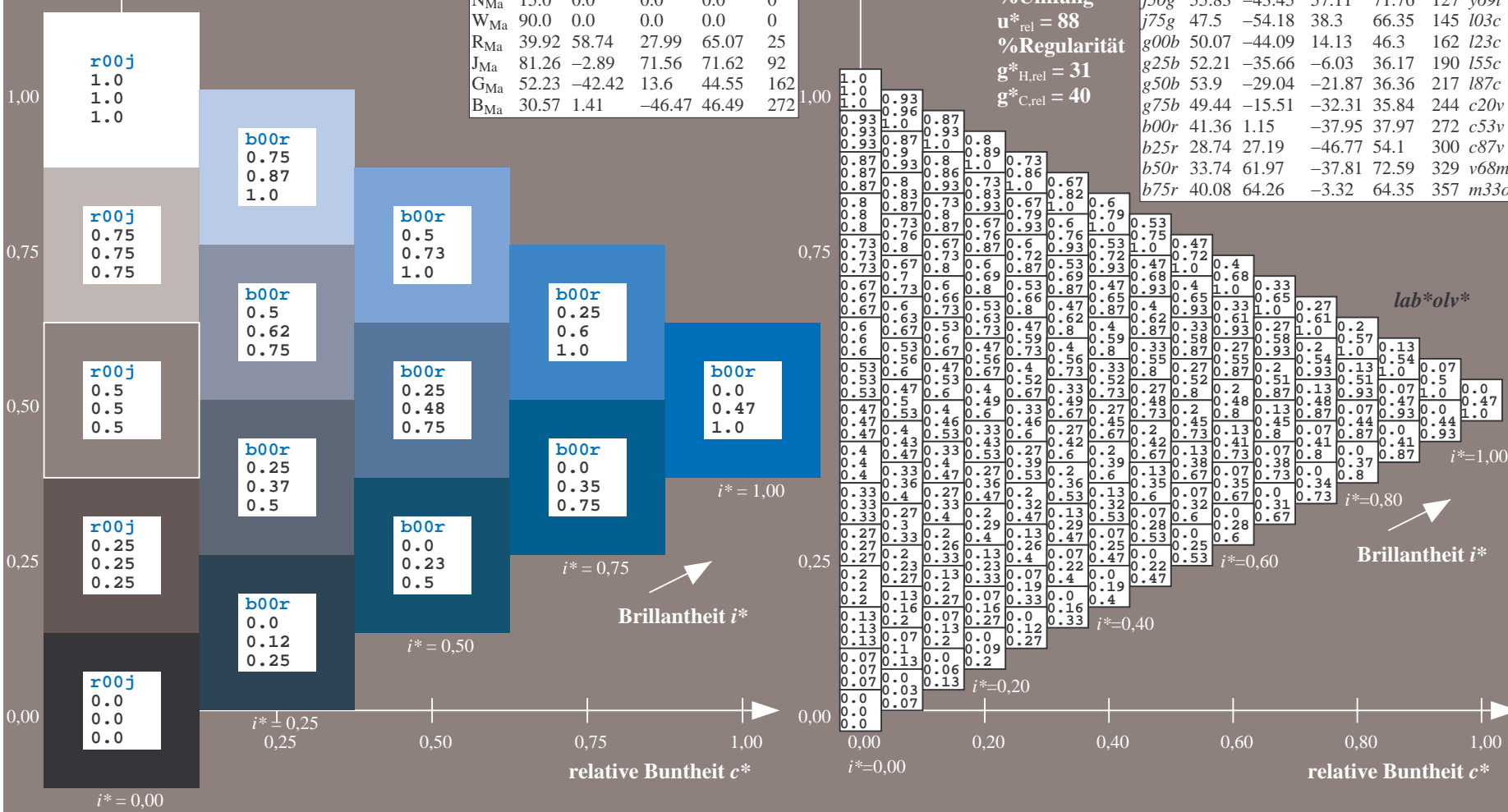
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

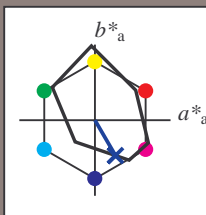
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$lab^*olv^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

### Daten für jede Farbe:

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

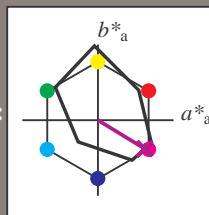
### Bunttexte:

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

**Kontrastreduzierungsfaktor:**

 $c_R = 0.9$ 

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



FRS09_92aM; adaptierte CIELAB-Daten						
	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

**Daten für Maximalfarbe (Ma):**

**LAB\*LAB\*M<sub>2</sub>: 34 62 -38**

**LAB\*LCH\*Ma: 34 73 328**

*lab\*rgb\*\_M<sub>a</sub>*: 1.0 0.0 1.0

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

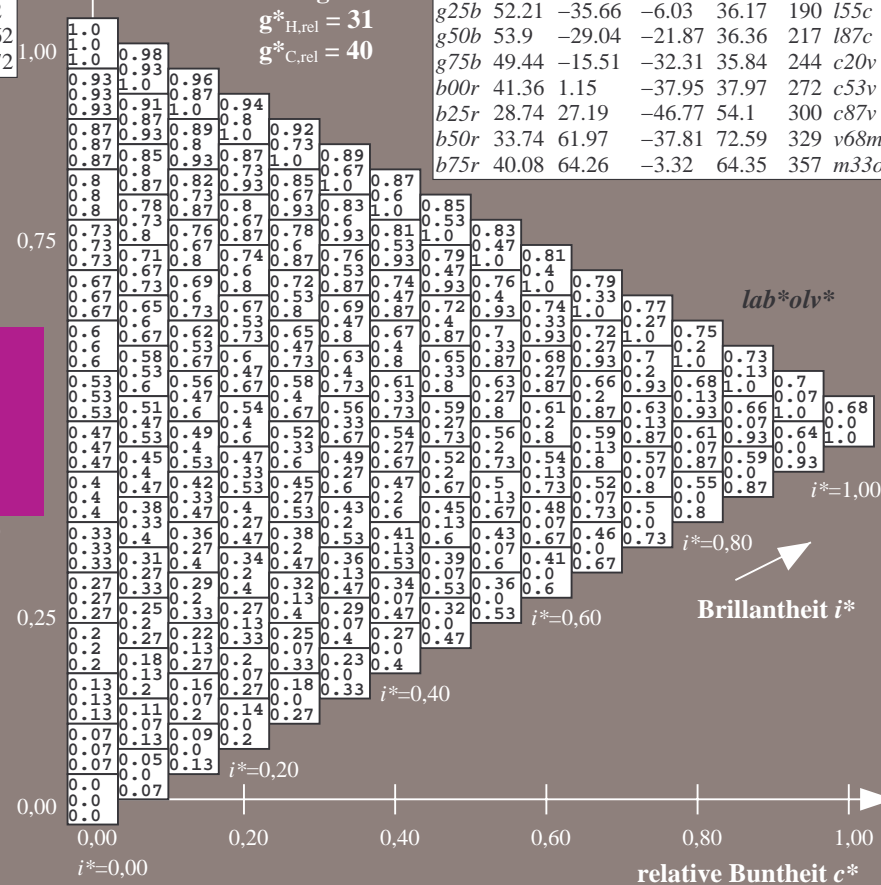
*lab\*olv\**Ma: 0.68 0.0 1.0

### Dreiecks-Helligkeit $t^*$

## %Umfang

$$u_{\text{rel}}^* = 88$$

### %Regularität

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


## Brillantheit i\*

## Discussion

0,80 1,0

## Relative Buntheit $c^*$

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BAM-Prüfvorlage Eg33; Farbmatrik-Systeme, Seite 52/198

**D65:** Farbreihen, Datentabellen für 16 Bunttöne  $r00j$  bis  $b70$

Eingabe:  $000n / w / nnn0 / www \text{ set} \dots$

· Ausgabe:  $\rightarrow cmy0^*$  *setcmykcolor*

C	M	Y	O	L	V
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BAM-Registrierung: 20081001-Eg33/10L/L33G00NA.PS/ .TXT BAM-Material: Code=rhdata - Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33>; [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: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

### Daten für jede Farbe:

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

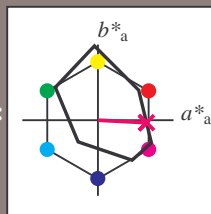
## Bunttexte:

$$u^*_e = b75r \quad u^*_d = m33o$$

### Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u_e^*$	$L^*-L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

### Daten für Maximalfarbe (Ma):

**LAB\*LAB\*M<sub>2</sub>: 40 64 -3**

**LAB\*LCH\***Ma: 40 64 357

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

*lab\*rgb*\*<sub>Ma</sub>: 1.0 0.0 0.5  
*lab\*olv*\*<sub>Ma</sub>: 1.0 0.0 0.66

### Dreiecks-Helligkeit $t^*$

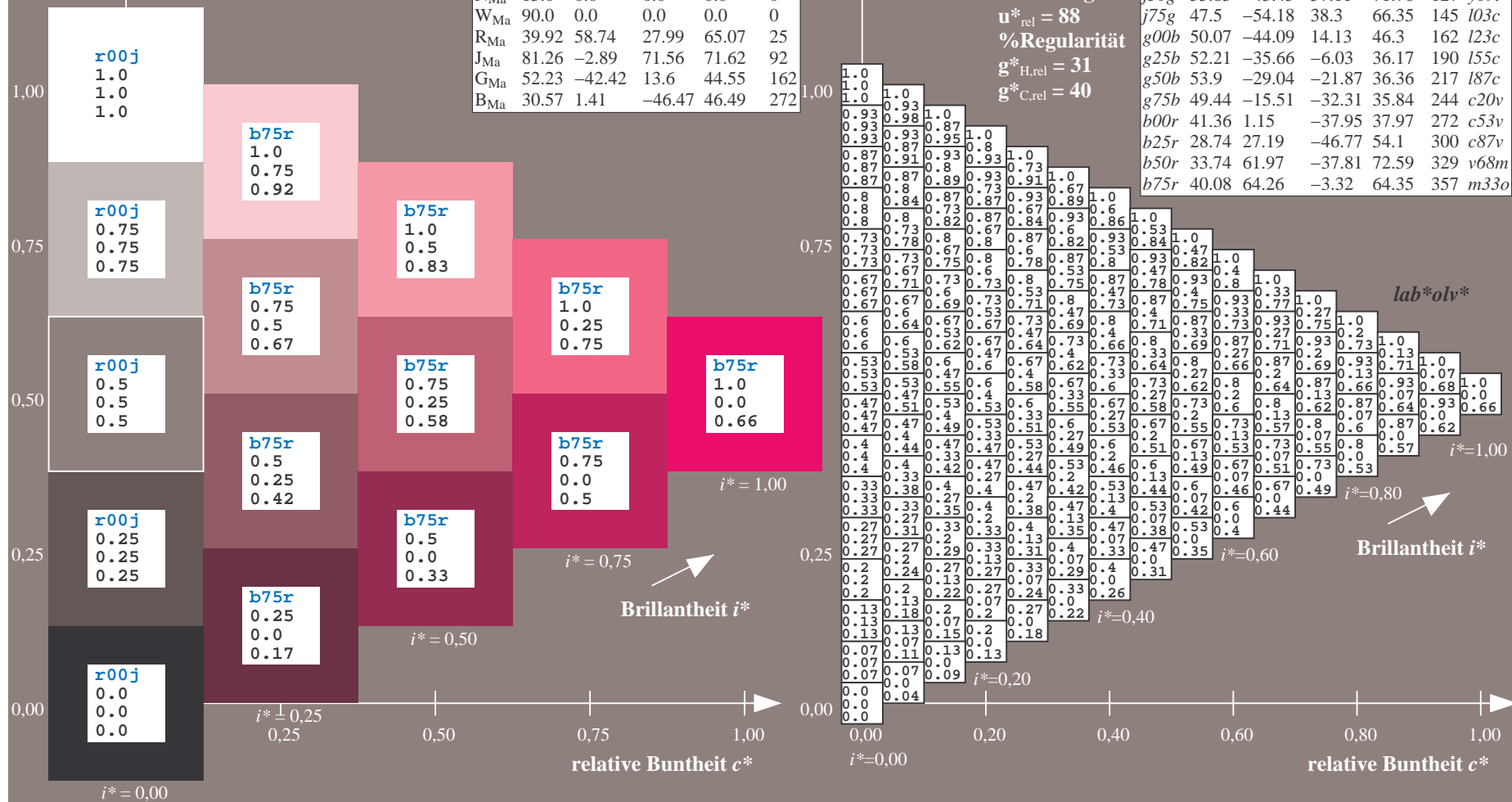
## %Umfang

$$u_{rel}^* = 88$$

## %Regularität

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

FRS09_92aM; adaptierte CIELAB-Daten							
$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_d^*$	
<i>r00j</i>	39.18	56.94	27.13	63.07	25	<i>m81o</i>	
<i>r25j</i>	42.41	49.1	44.5	66.26	42	<i>o10y</i>	
<i>r50j</i>	52.78	35.22	58.37	68.17	59	<i>o40y</i>	
<i>r75j</i>	64.82	19.12	74.47	76.89	76	<i>o69y</i>	
<i>j00g</i>	82.06	-3.94	97.52	97.6	92	<i>o98y</i>	
<i>j25g</i>	67.26	-26.87	74.67	79.36	110	<i>y34l</i>	
<i>j50g</i>	55.83	-43.45	57.11	71.76	127	<i>y69l</i>	
<i>j75g</i>	47.5	-54.18	38.3	66.35	145	<i>l03c</i>	
<i>g00b</i>	50.07	-44.09	14.13	46.3	162	<i>l23c</i>	
<i>g25b</i>	52.21	-35.66	-6.03	36.17	190	<i>l55c</i>	
<i>g50b</i>	53.9	-29.04	-21.87	36.36	217	<i>l87c</i>	
<i>g75b</i>	49.44	-15.51	-32.31	35.84	244	<i>c20v</i>	
<i>b00r</i>	41.36	1.15	-37.95	37.97	272	<i>c53v</i>	
<i>b25r</i>	28.74	27.19	-46.77	54.1	300	<i>c87v</i>	
<i>b50r</i>	33.74	61.97	-37.81	72.59	329	<i>v68m</i>	
<i>b75r</i>	40.08	64.26	-3.32	64.35	357	<i>m33o</i>	



BAM-Prüfvorlage Eg33; Farbmetrikt-Systeme, Seite 53/198    Eingabe: 000n / w / nnn0 / www set...  
D65: Farbreihen, Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->cmy0\* setcmykcolor

Eingabe:  $000n / w / nnn0 / www\ set...$

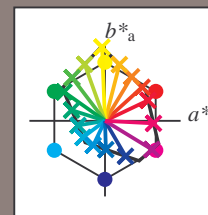
Ausgabe:  $\rightarrow cmy0^*$  *setcmykcolor*



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

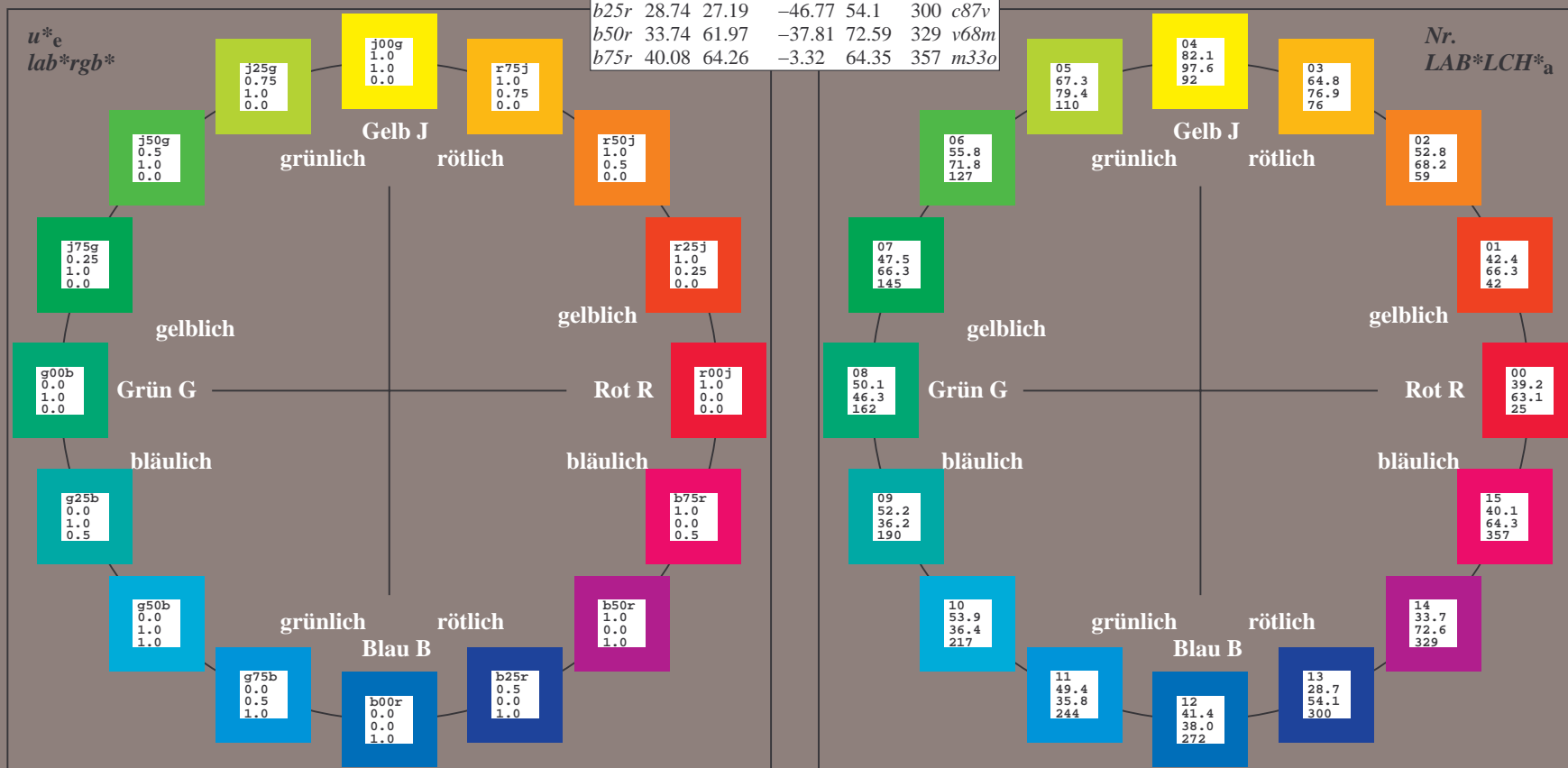
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	39.18	56.94	27.13	63.07	25	$m81o$
$r25j$	42.41	49.1	44.5	66.26	42	$o10y$
$r50j$	52.78	35.22	58.37	68.17	59	$o40y$
$r75j$	64.82	19.12	74.47	76.89	76	$o69y$
$j00g$	82.06	-3.94	97.52	97.6	92	$o98y$
$j25g$	67.26	-26.87	74.67	79.36	110	$y34l$
$j50g$	55.83	-43.45	57.11	71.76	127	$y69l$
$j75g$	47.5	-54.18	38.3	66.35	145	$l03c$
$g00b$	50.07	-44.09	14.13	46.3	162	$l23c$
$g25b$	52.21	-35.66	-6.03	36.17	190	$l55c$
$g50b$	53.9	-29.04	-21.87	36.36	217	$l87c$
$g75b$	49.44	-15.51	-32.31	35.84	244	$c20v$
$b00r$	41.36	1.15	-37.95	37.97	272	$c53v$
$b25r$	28.74	27.19	-46.77	54.1	300	$c87v$
$b50r$	33.74	61.97	-37.81	72.59	329	$v68m$
$b75r$	40.08	64.26	-3.32	64.35	357	$m33o$



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

FRS09\_92aM; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.8	53.92	39.68	66.95	36
$Y_{Ma}$	82.58	-4.64	98.22	98.33	93
$L_{Ma}$	46.95	-56.34	43.46	71.15	142
$C_{Ma}$	54.62	-26.2	-28.68	38.85	228
$V_{Ma}$	20.01	45.2	-52.87	69.56	311
$M_{Ma}$	40.88	70.68	-29.99	76.78	337
$N_{Ma}$	15.0	0.0	0.0	0.0	0
$W_{Ma}$	90.0	0.0	0.0	0.0	0
$R_{CIE}$	39.92	58.74	27.99	65.07	25
$J_{CIE}$	81.26	-2.89	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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

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

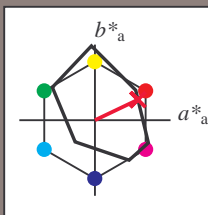
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

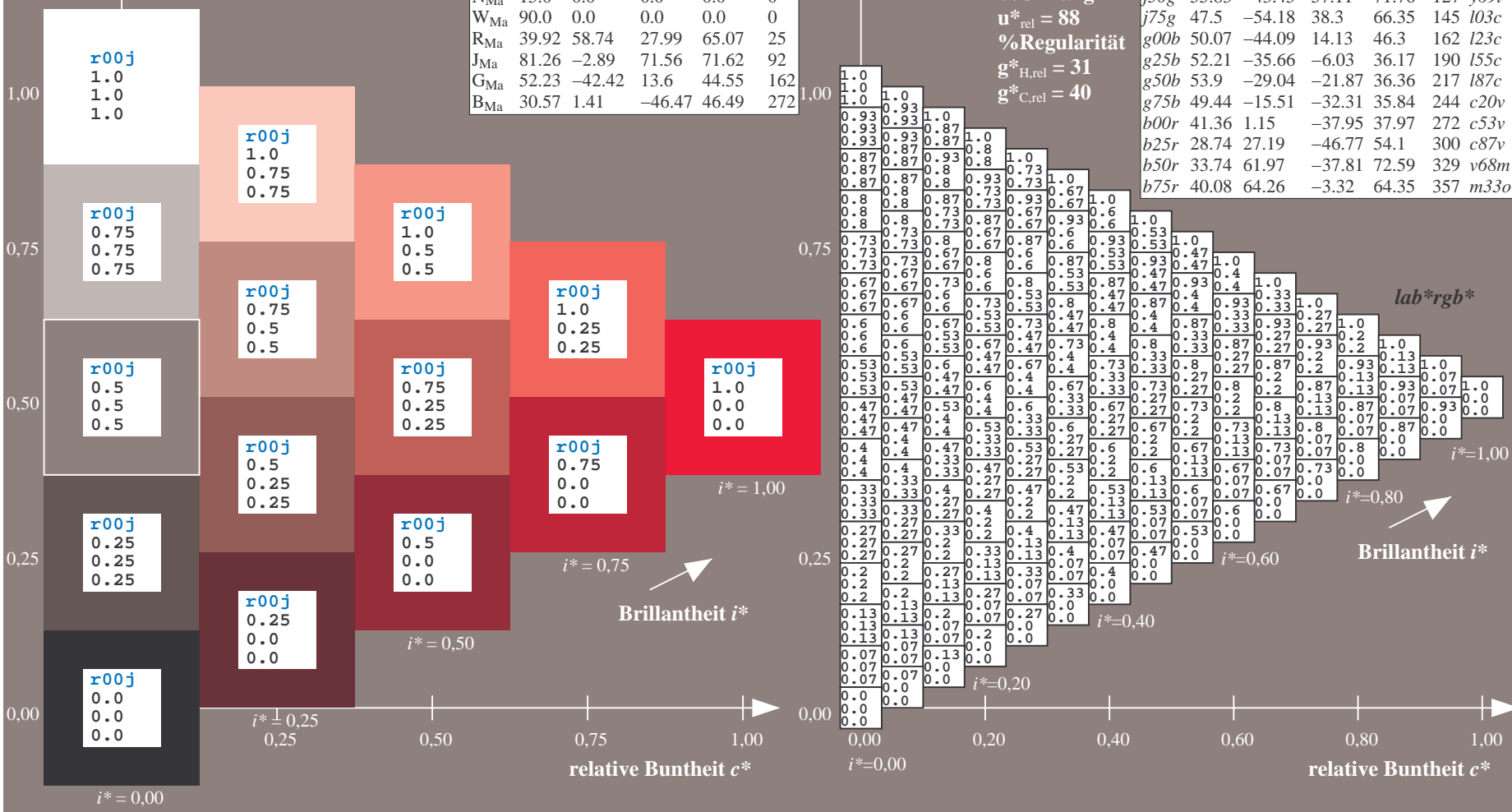
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

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

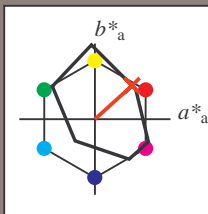
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

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

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

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

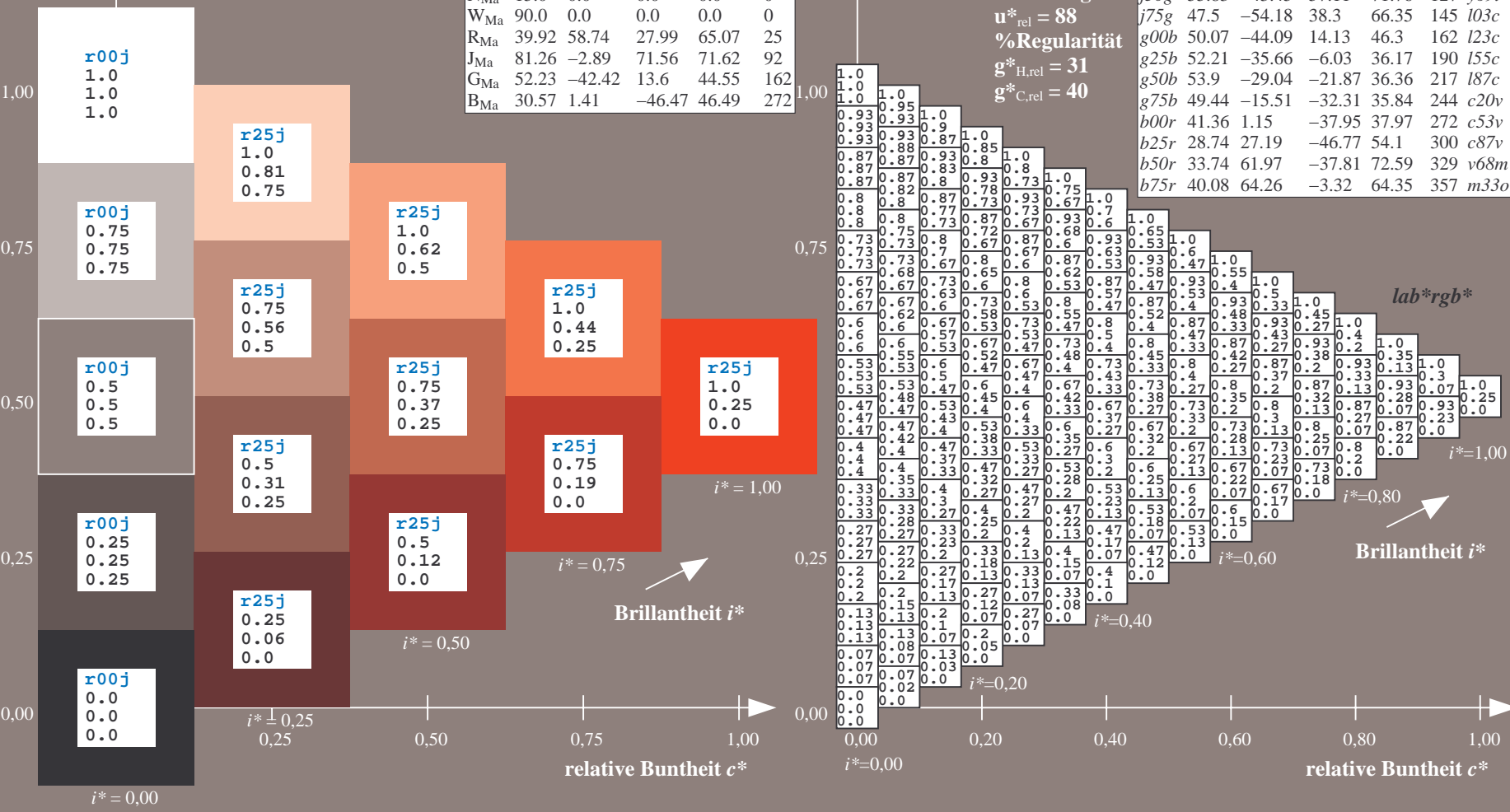
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

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

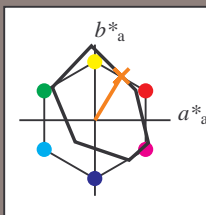
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

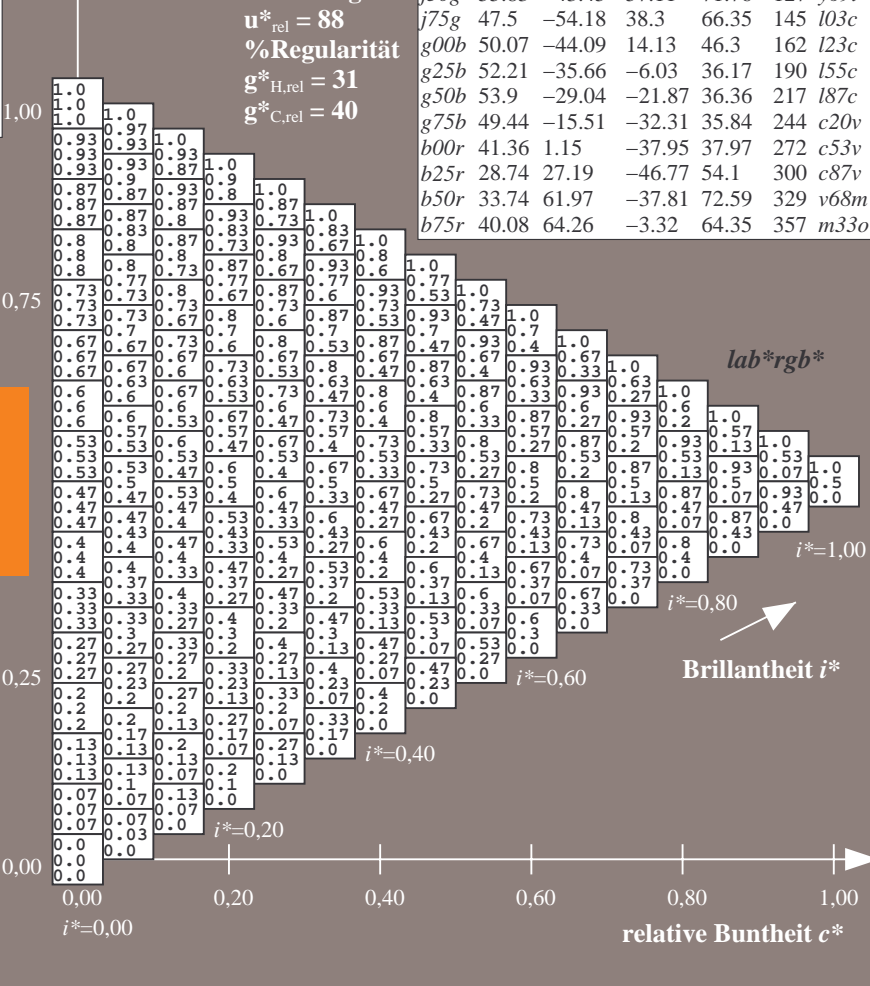
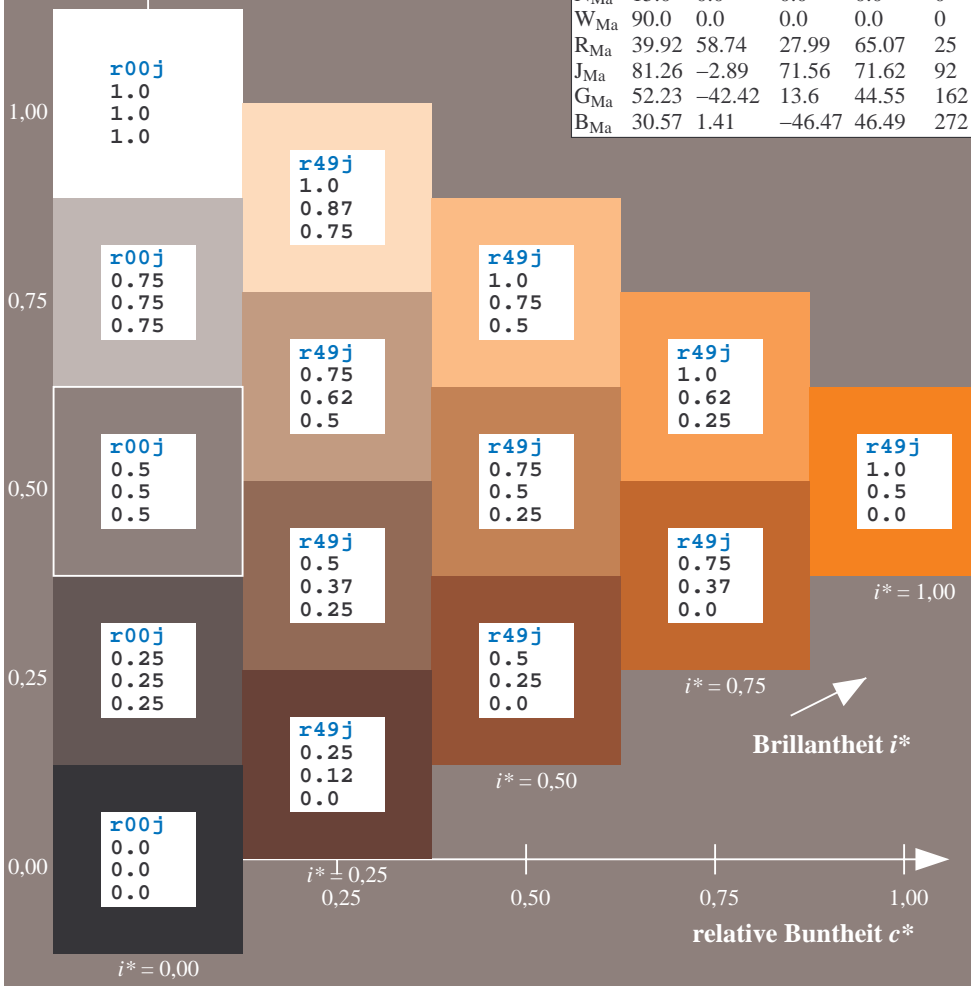
%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

lab*rgb*						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	1.0	0.75	0.75	0.75	0.75	0.75
r25j	1.0	0.87	0.75	0.75	0.75	0.75
r50j	1.0	1.0	0.75	0.75	0.75	0.75
r75j	1.0	1.0	0.75	0.75	0.75	0.75
j00g	1.0	1.0	0.75	0.75	0.75	0.75
j25g	1.0	1.0	0.75	0.75	0.75	0.75
j50g	1.0	1.0	0.75	0.75	0.75	0.75
j75g	1.0	1.0	0.75	0.75	0.75	0.75
g00b	1.0	1.0	0.75	0.75	0.75	0.75
g25b	1.0	1.0	0.75	0.75	0.75	0.75
g50b	1.0	1.0	0.75	0.75	0.75	0.75
g75b	1.0	1.0	0.75	0.75	0.75	0.75
b00r	1.0	1.0	0.75	0.75	0.75	0.75
b25r	1.0	1.0	0.75	0.75	0.75	0.75
b50r	1.0	1.0	0.75	0.75	0.75	0.75
b75r	1.0	1.0	0.75	0.75	0.75	0.75





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

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

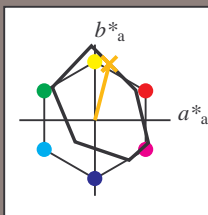
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 65 19 74

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 65 77 75

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
j50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$\text{lab}^*\text{rgb}^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Brillantheit  $i^*$

$i^* = 1.00$

$i^* = 0.75$

$i^* = 0.50$

$i^* = 0.25$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

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

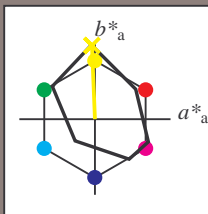
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

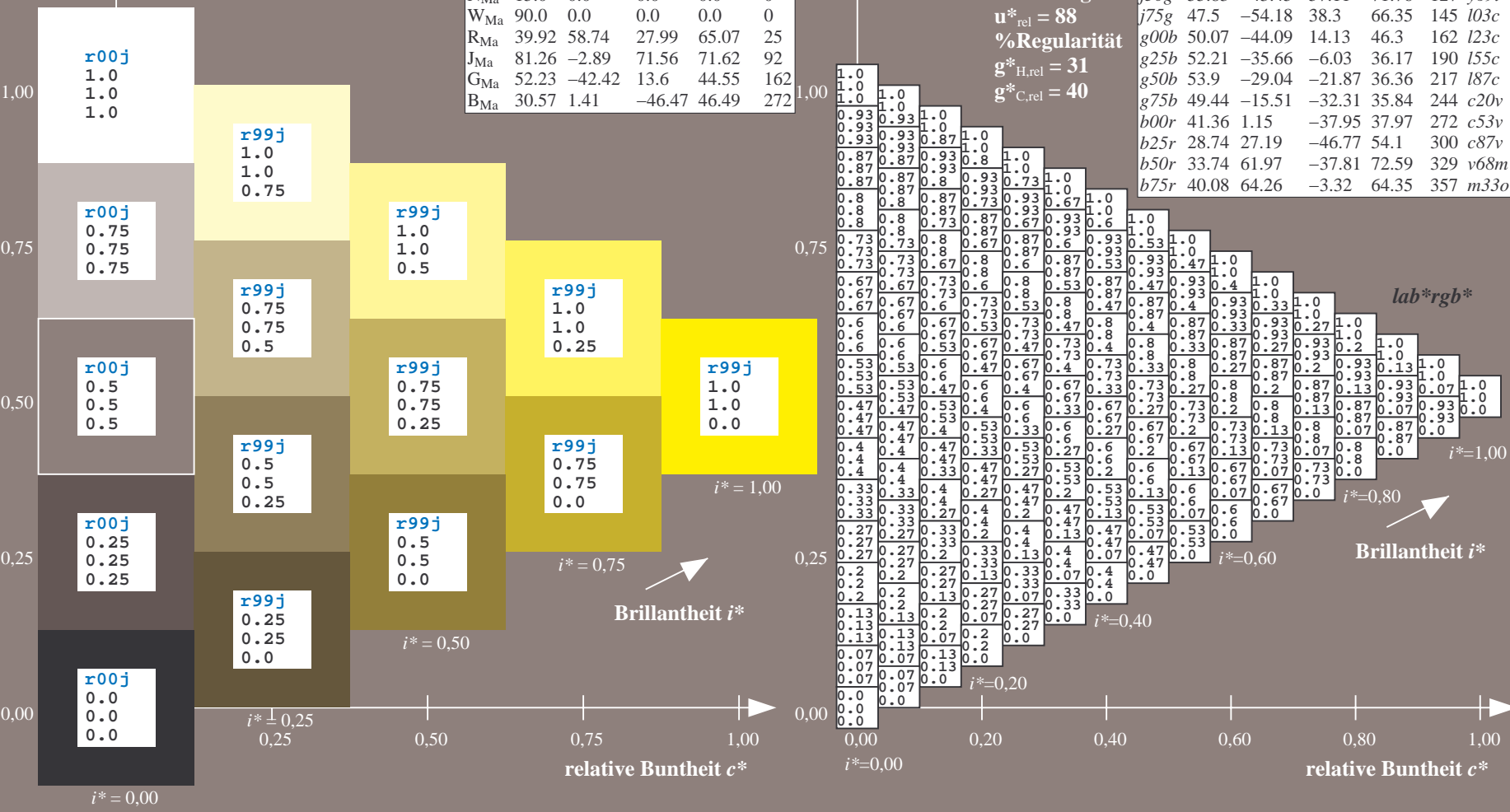
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

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

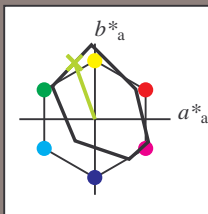
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*rgb^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

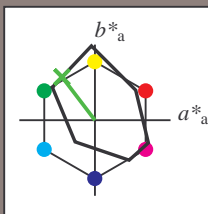
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$lab^*rgb^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

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

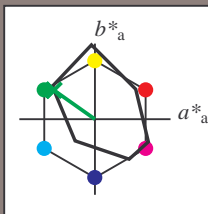
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

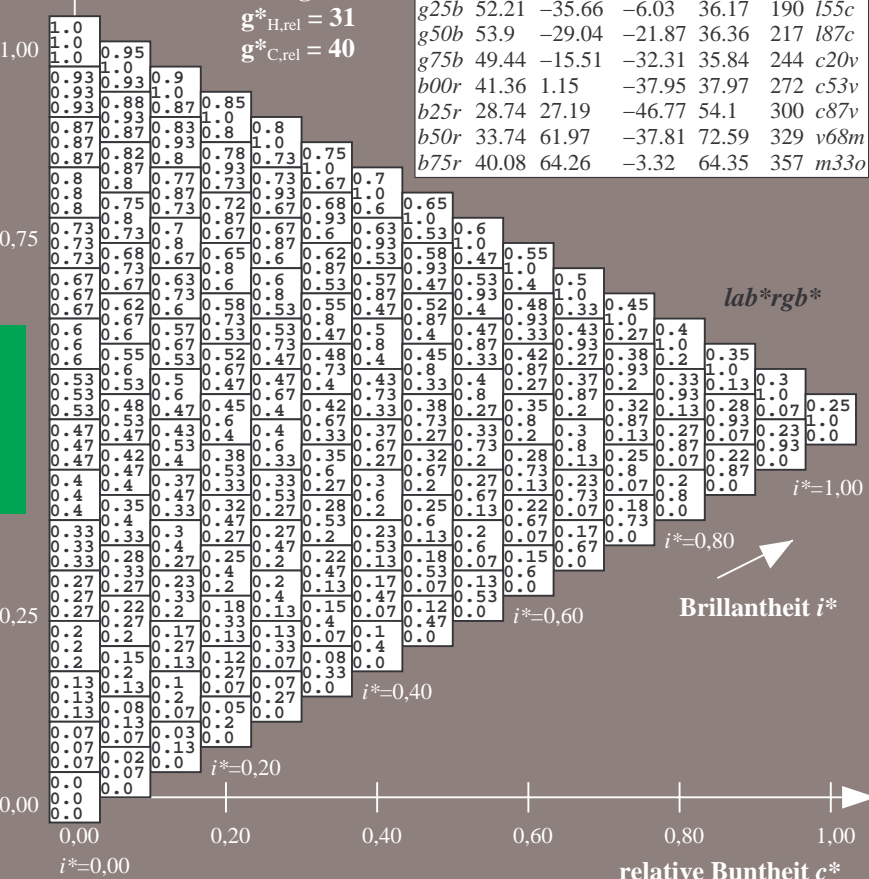
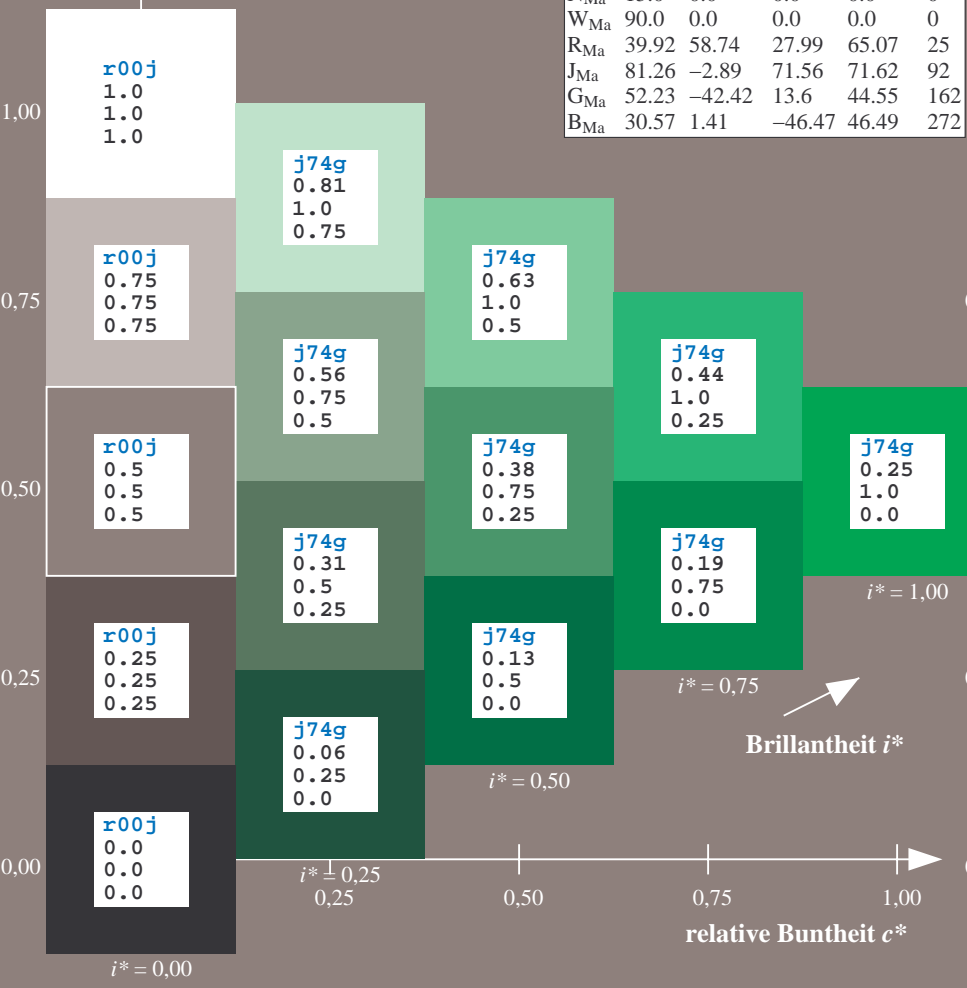
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

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

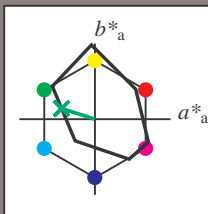
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 50 -44 14

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 50 46 162

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25		m81o
r25j	42.41	49.1	44.5	66.26	42		o10y
r50j	52.78	35.22	58.37	68.17	59		o40y
r75j	64.82	19.12	74.47	76.89	76		o69y
j00g	82.06	-3.94	97.52	97.6	92		o98y
j25g	67.26	-26.87	74.67	79.36	110		y34l
j50g	55.83	-43.45	57.11	71.76	127		y69l
j75g	47.5	-54.18	38.3	66.35	145		l03c
g00b	50.07	-44.09	14.13	46.3	162		l23c
g25b	52.21	-35.66	-6.03	36.17	190		l55c
g50b	53.9	-29.04	-21.87	36.36	217		l87c
g75b	49.44	-15.51	-32.31	35.84	244		c20v
b00r	41.36	1.15	-37.95	37.97	272		c53v
b25r	28.74	27.19	-46.77	54.1	300		c87v
b50r	33.74	61.97	-37.81	72.59	329		v68m
b75r	40.08	64.26	-3.32	64.35	357		m33o

$\text{lab}^*\text{rgb}^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

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

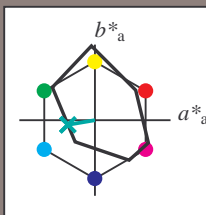
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

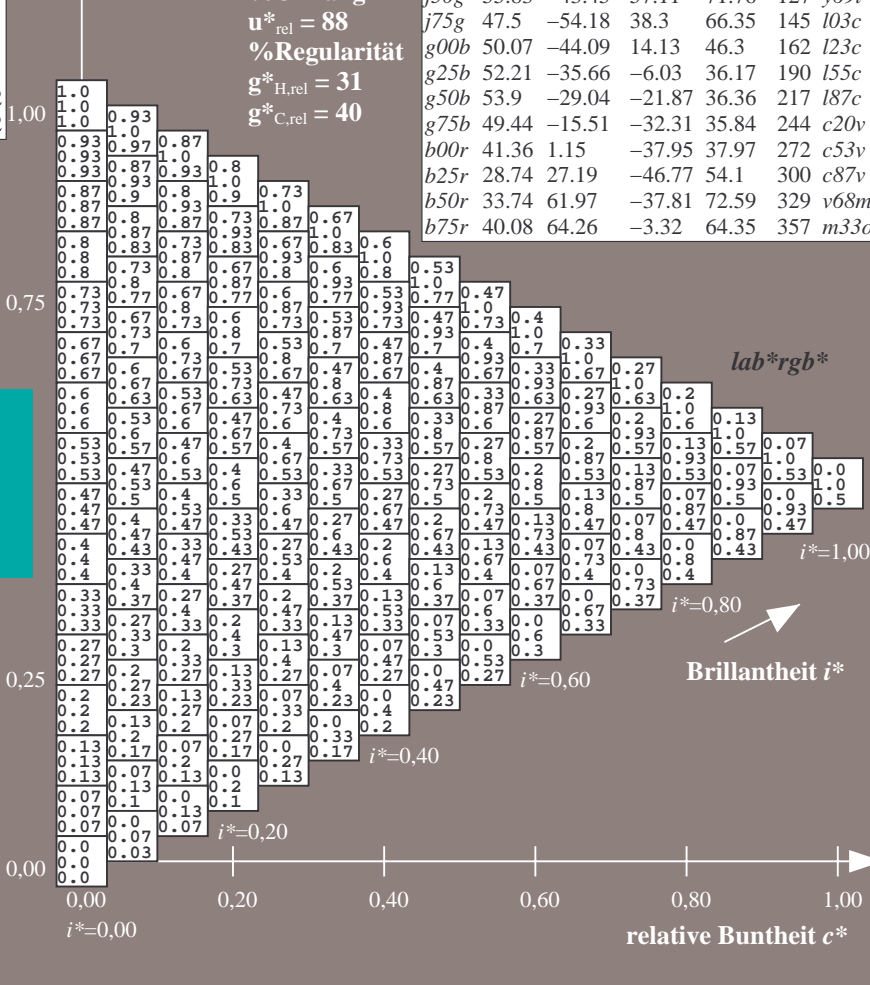
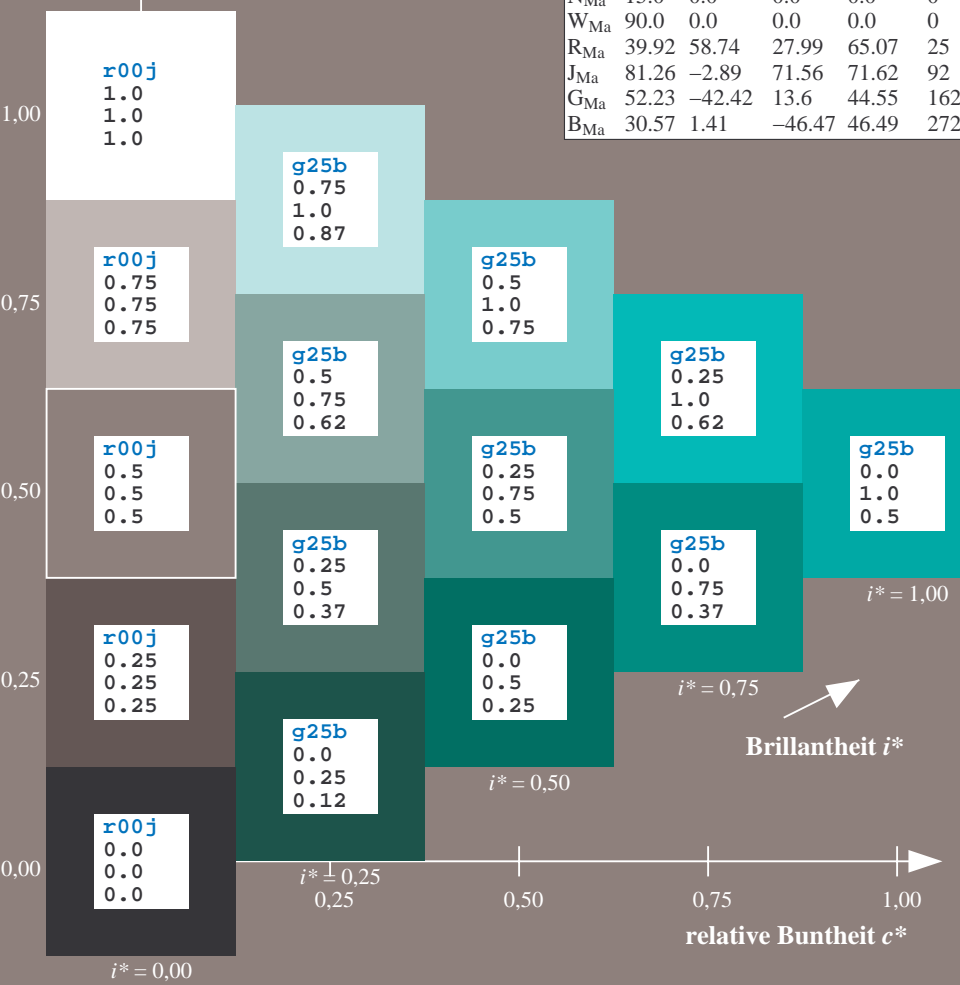
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

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

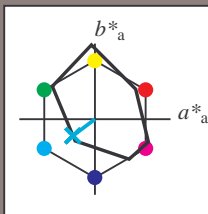
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $i^*$

%Umfang

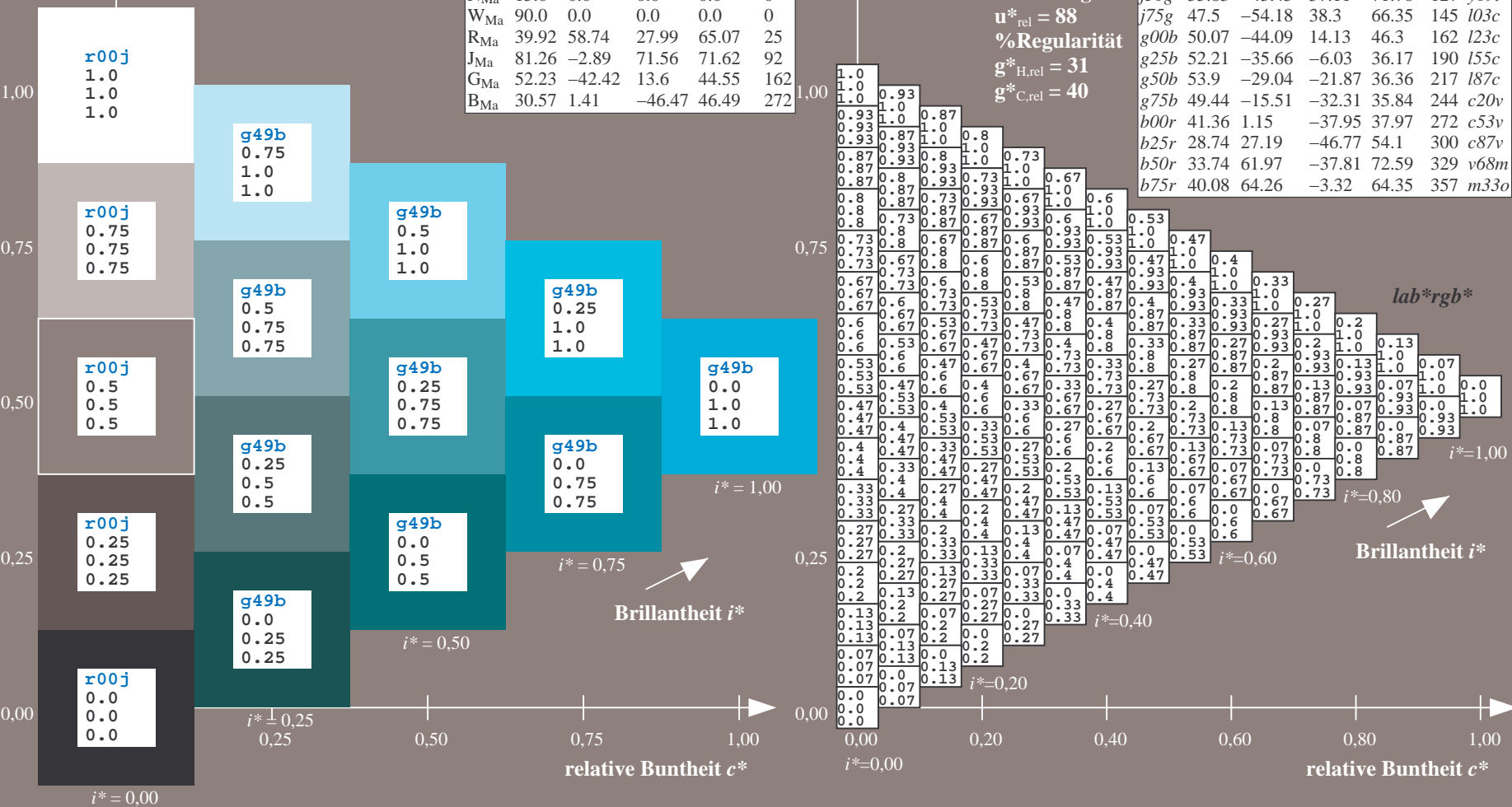
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

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

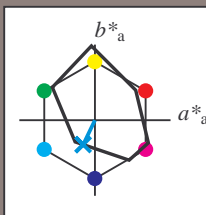
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$lab^*rgb^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

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

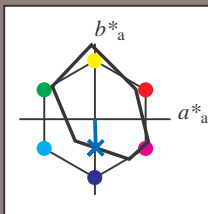
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

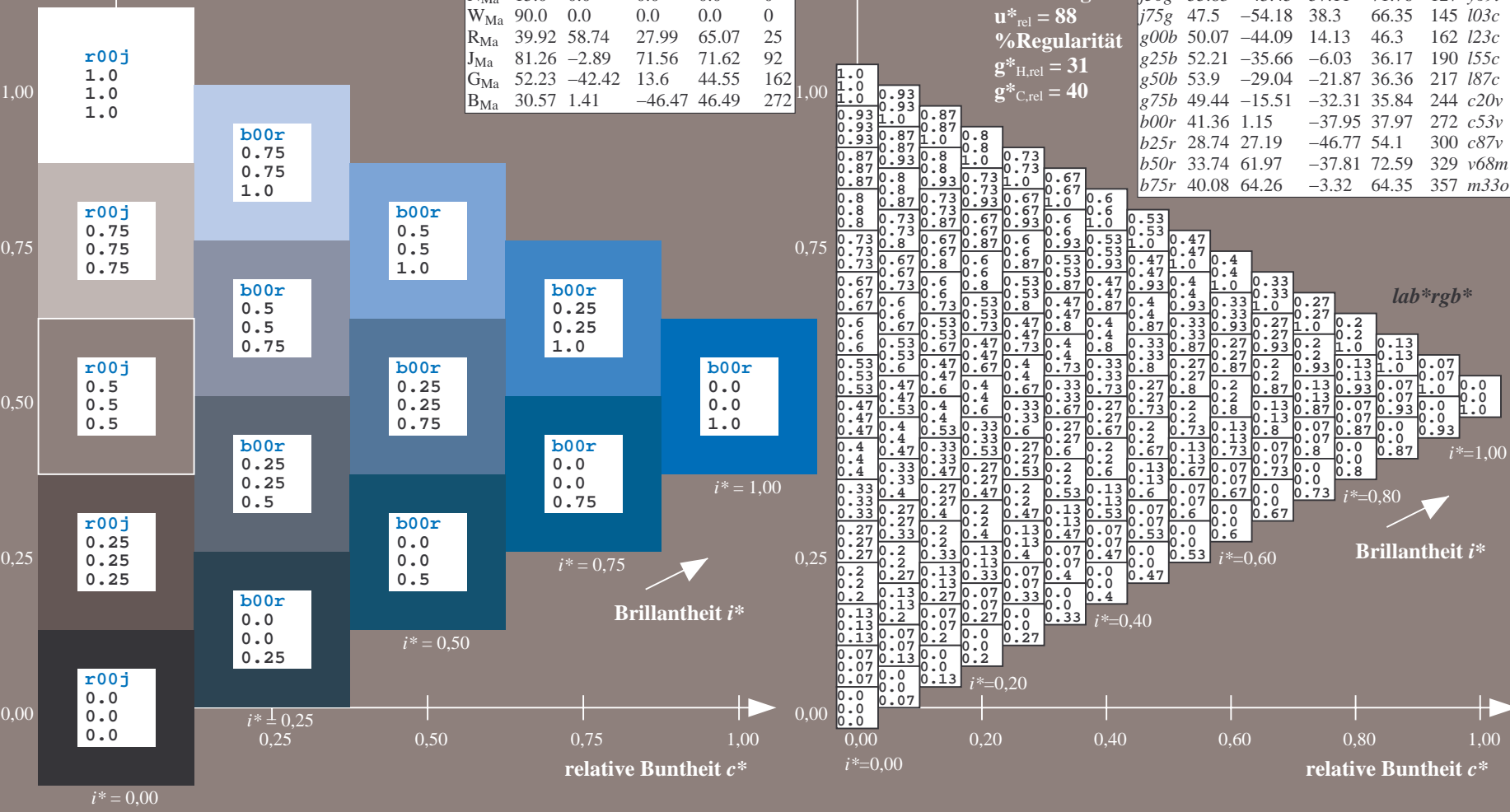
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

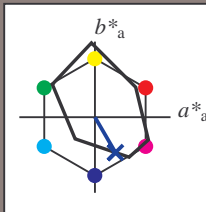
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

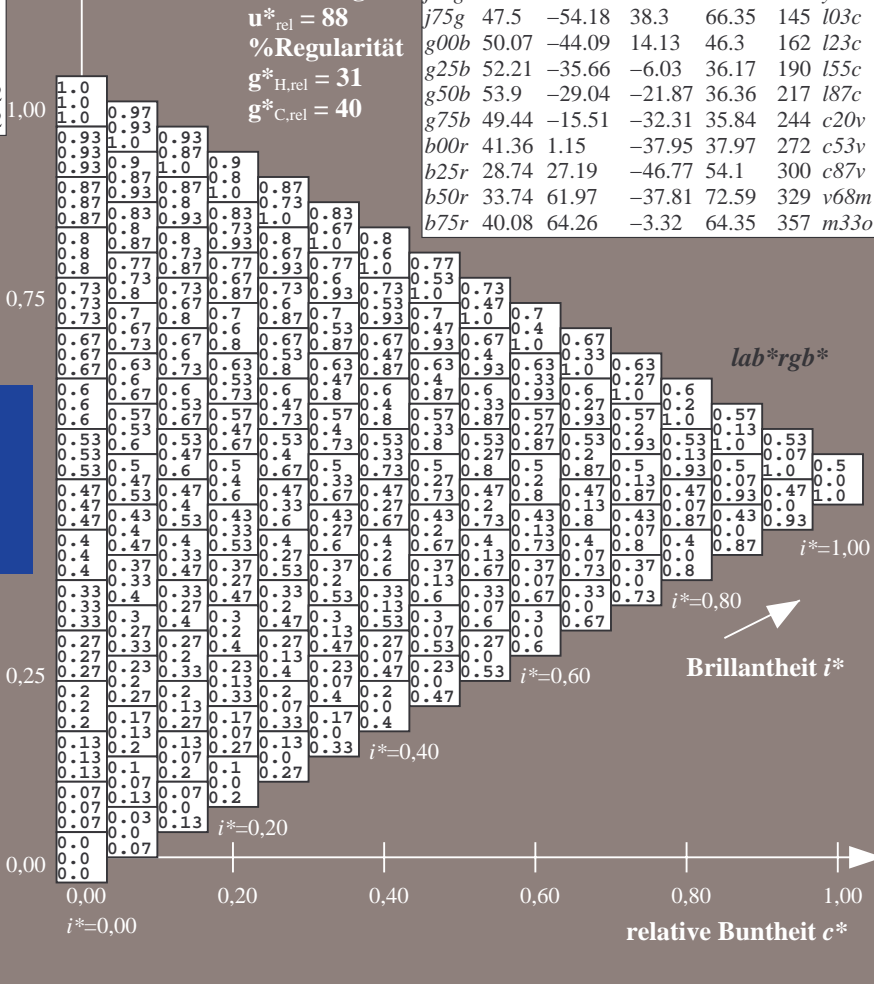
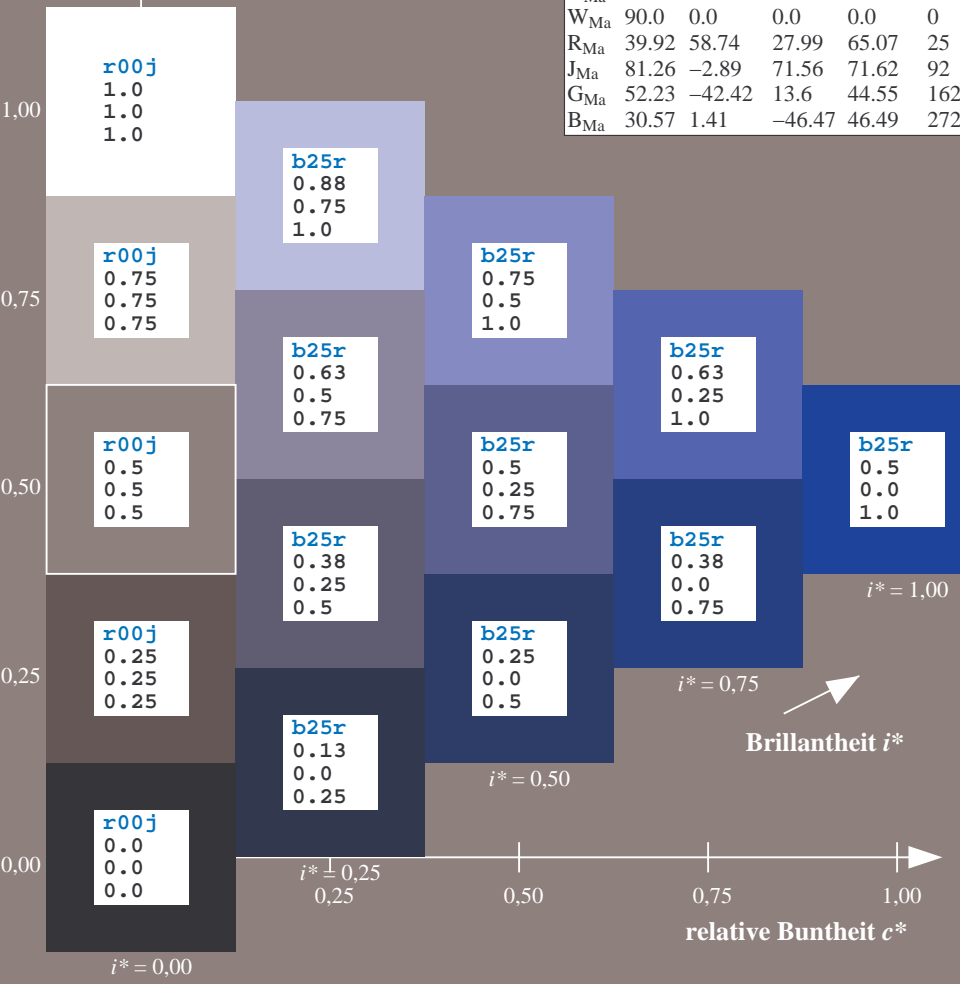
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

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

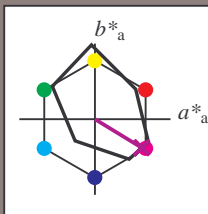
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

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

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

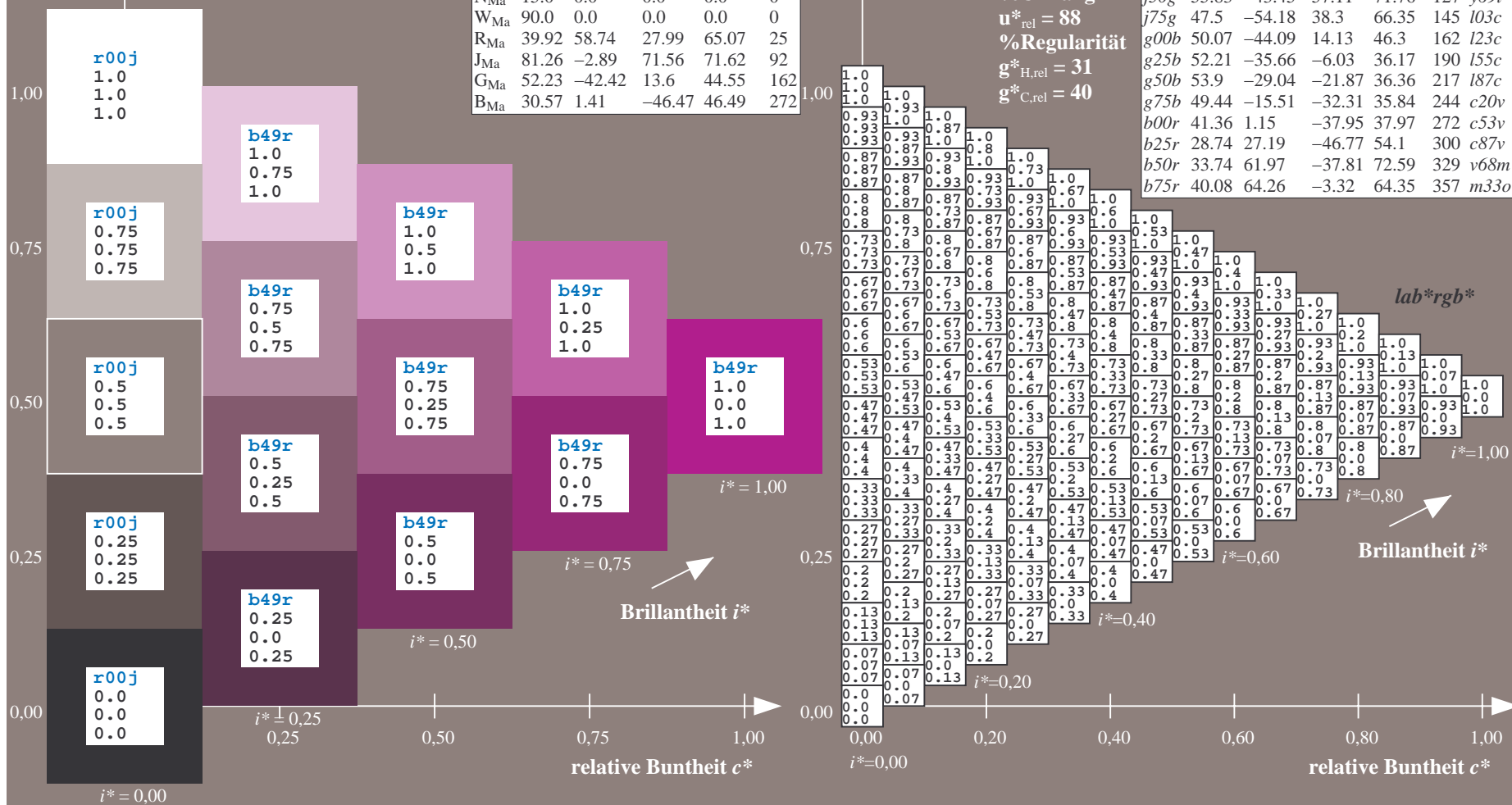
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

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

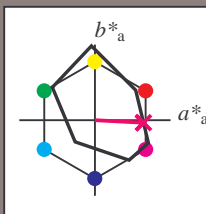
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

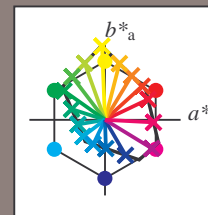


Ein und Ausgabe:  
Farbmimetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttextext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

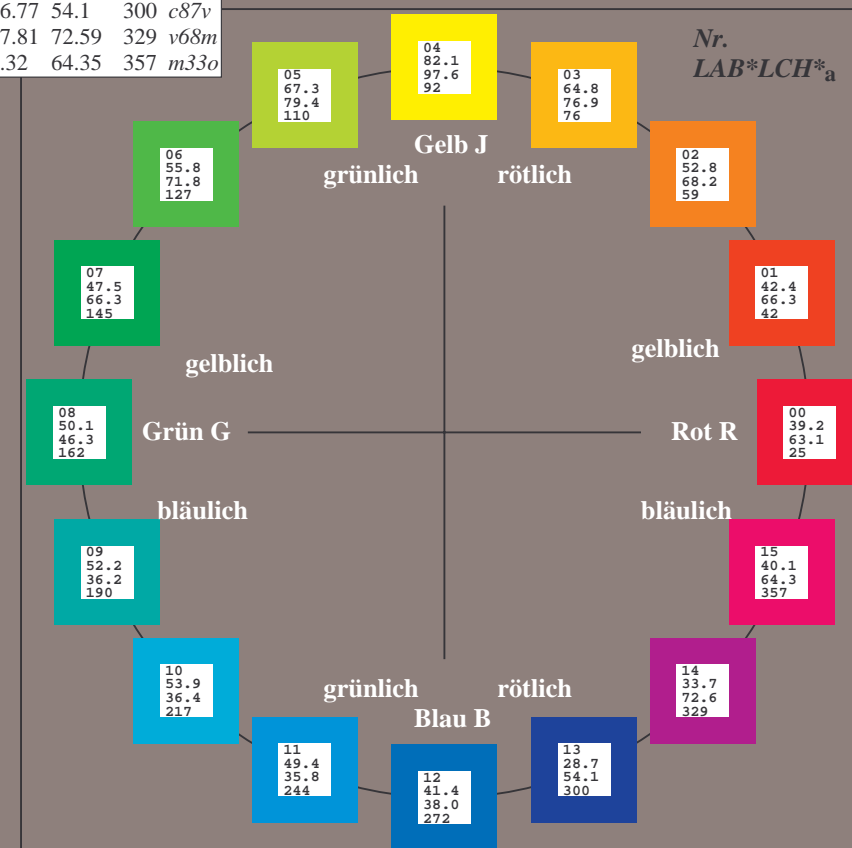
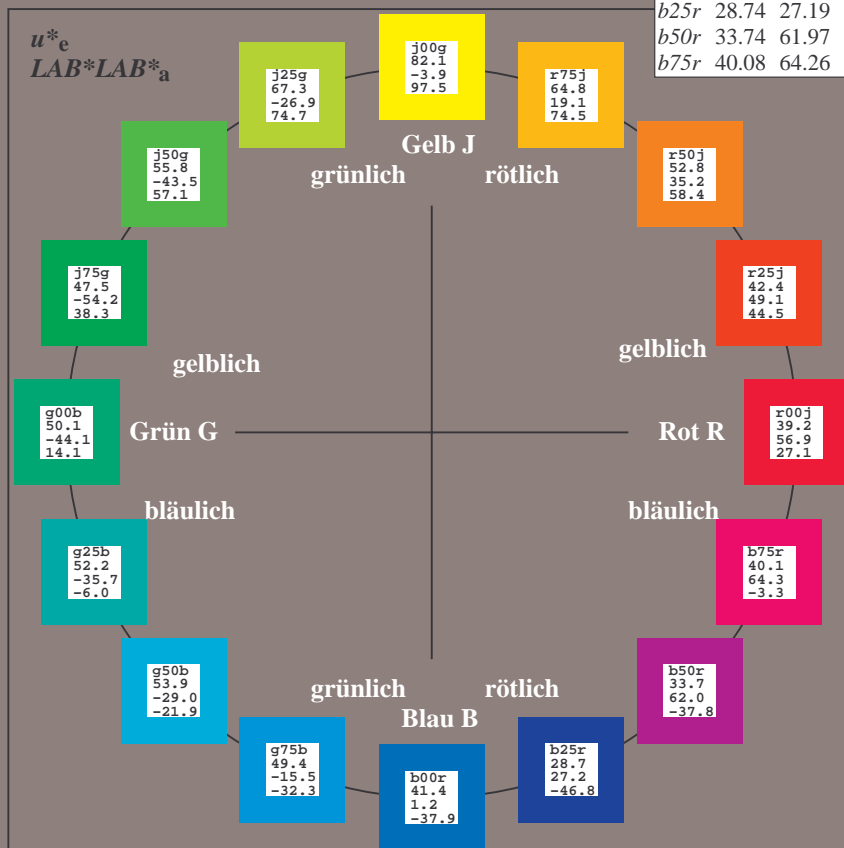
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	39.18	56.94	27.13	63.07	25	$m81o$
$r25j$	42.41	49.1	44.5	66.26	42	$o10y$
$r50j$	52.78	35.22	58.37	68.17	59	$o40y$
$r75j$	64.82	19.12	74.47	76.89	76	$o69y$
$j00g$	82.06	-3.94	97.52	97.6	92	$o98y$
$j25g$	67.26	-26.87	74.67	79.36	110	$y34l$
$j50g$	55.83	-43.45	57.11	71.76	127	$y69l$
$j75g$	47.5	-54.18	38.3	66.35	145	$l03c$
$g00b$	50.07	-44.09	14.13	46.3	162	$l23c$
$g25b$	52.21	-35.66	-6.03	36.17	190	$l55c$
$g50b$	53.9	-29.04	-21.87	36.36	217	$l87c$
$g75b$	49.44	-15.51	-32.31	35.84	244	$c20v$
$b00r$	41.36	1.15	-37.95	37.97	272	$c53v$
$b25r$	28.74	27.19	-46.77	54.1	300	$c87v$
$b50r$	33.74	61.97	-37.81	72.59	329	$v68m$
$b75r$	40.08	64.26	-3.32	64.35	357	$m33o$



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

FRS09\_92aM; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.8	53.92	39.68	66.95	36
$Y_{Ma}$	82.58	-4.64	98.22	98.33	93
$L_{Ma}$	46.95	-56.34	43.46	71.15	142
$C_{Ma}$	54.62	-26.2	-28.68	38.85	228
$V_{Ma}$	20.01	45.2	-52.87	69.56	311
$M_{Ma}$	40.88	70.68	-29.99	76.78	337
$N_{Ma}$	15.0	0.0	0.0	0.0	0
$W_{Ma}$	90.0	0.0	0.0	0.0	0
$R_{CIE}$	39.92	58.74	27.99	65.07	25
$J_{CIE}$	81.26	-2.89	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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

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

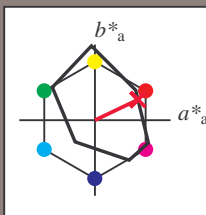
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25		m81o
r25j	42.41	49.1	44.5	66.26	42		o10y
r50j	52.78	35.22	58.37	68.17	59		o40y
r75j	64.82	19.12	74.47	76.89	76		o69y
j00g	82.06	-3.94	97.52	97.6	92		o98y
j25g	67.26	-26.87	74.67	79.36	110		y34l
j50g	55.83	-43.45	57.11	71.76	127		y69l
j75g	47.5	-54.18	38.3	66.35	145		i03c
g00b	50.07	-44.09	14.13	46.3	162		i23c
g25b	52.21	-35.66	-6.03	36.17	190		i55c
g50b	53.9	-29.04	-21.87	36.36	217		i87c
g75b	49.44	-15.51	-32.31	35.84	244		c20v
b00r	41.36	1.15	-37.95	37.97	272		c53v
b25r	28.74	27.19	-46.77	54.1	300		c87v
b50r	33.74	61.97	-37.81	72.59	329		v68m
b75r	40.08	64.26	-3.32	64.35	357		m33o

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

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

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

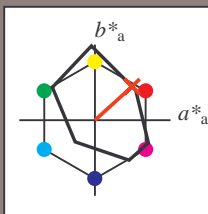
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

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

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

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

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

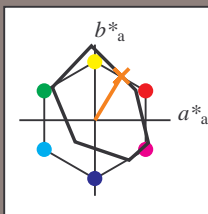
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

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

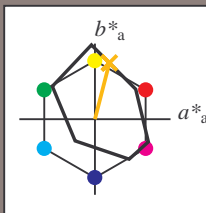
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

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

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

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

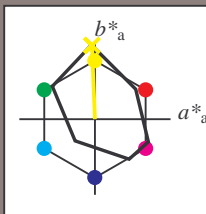
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

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

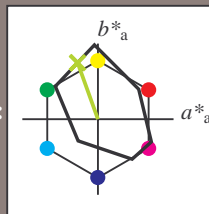
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

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

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

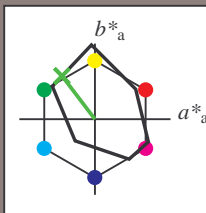
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

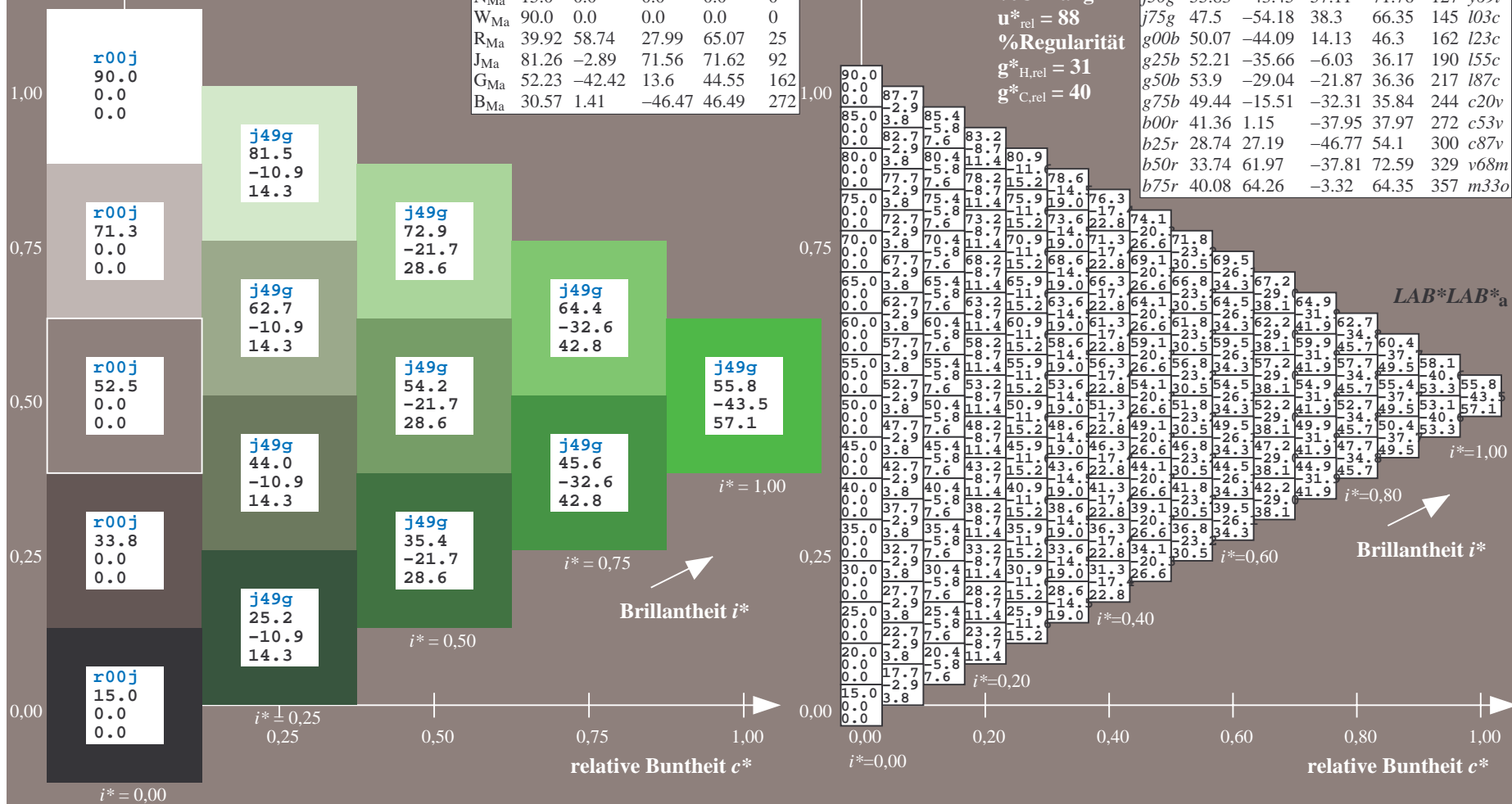
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$u^*_e = j50g$   
 $LAB^*LAB^*_a$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

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

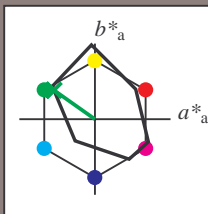
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

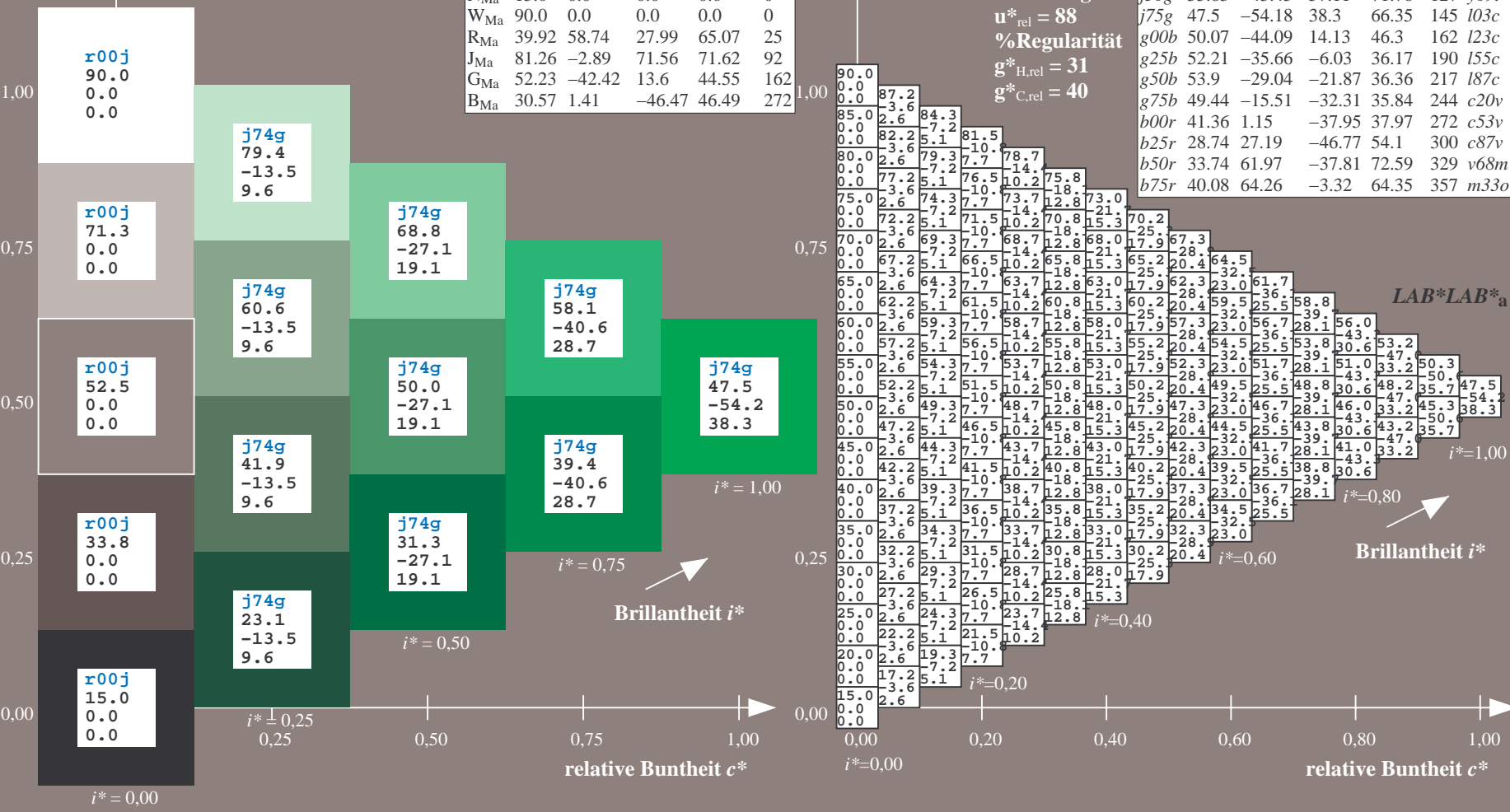
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

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

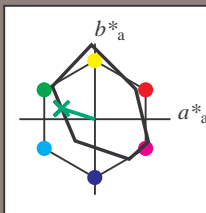
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

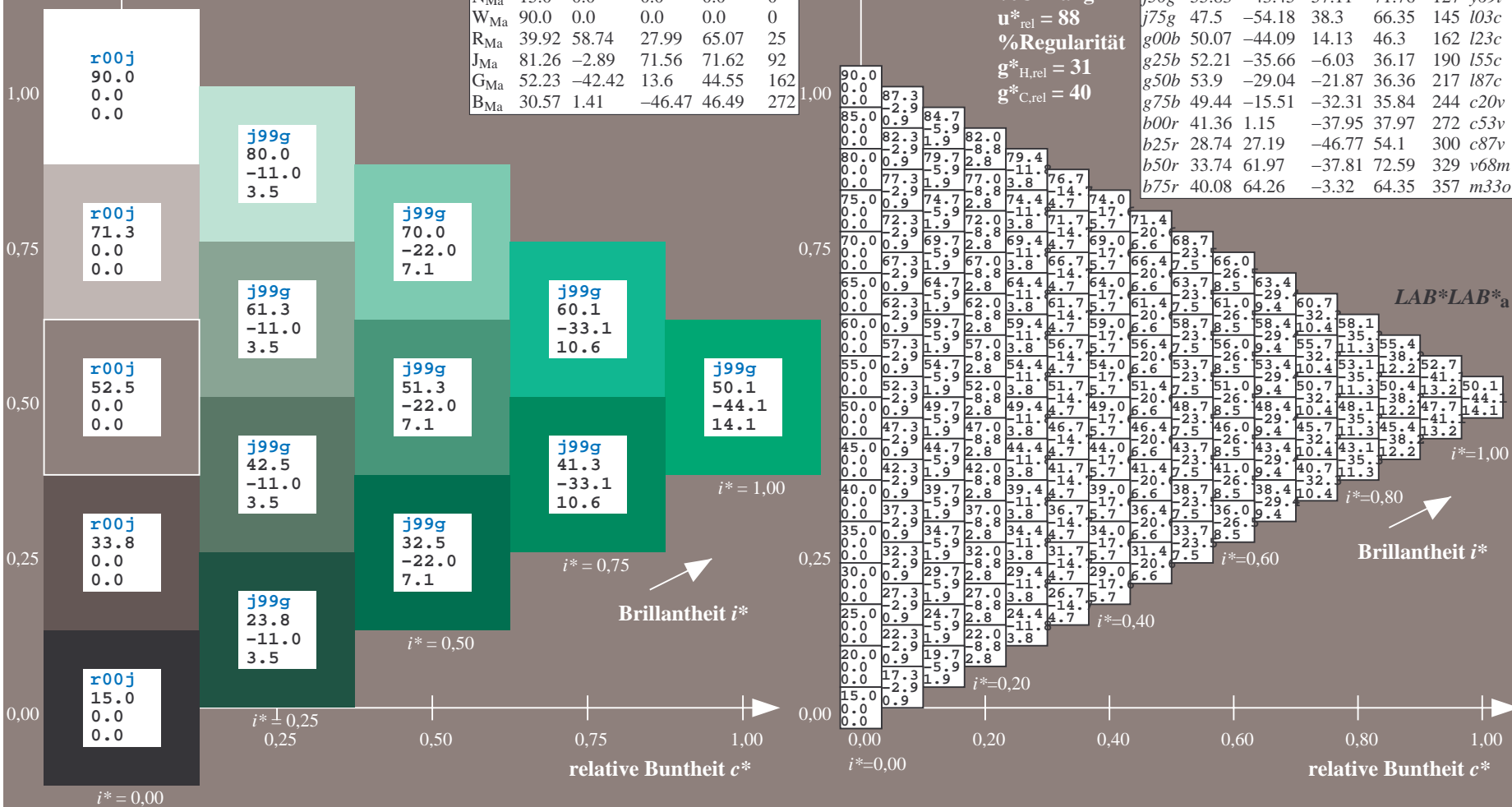
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

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

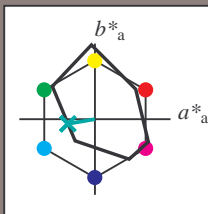
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

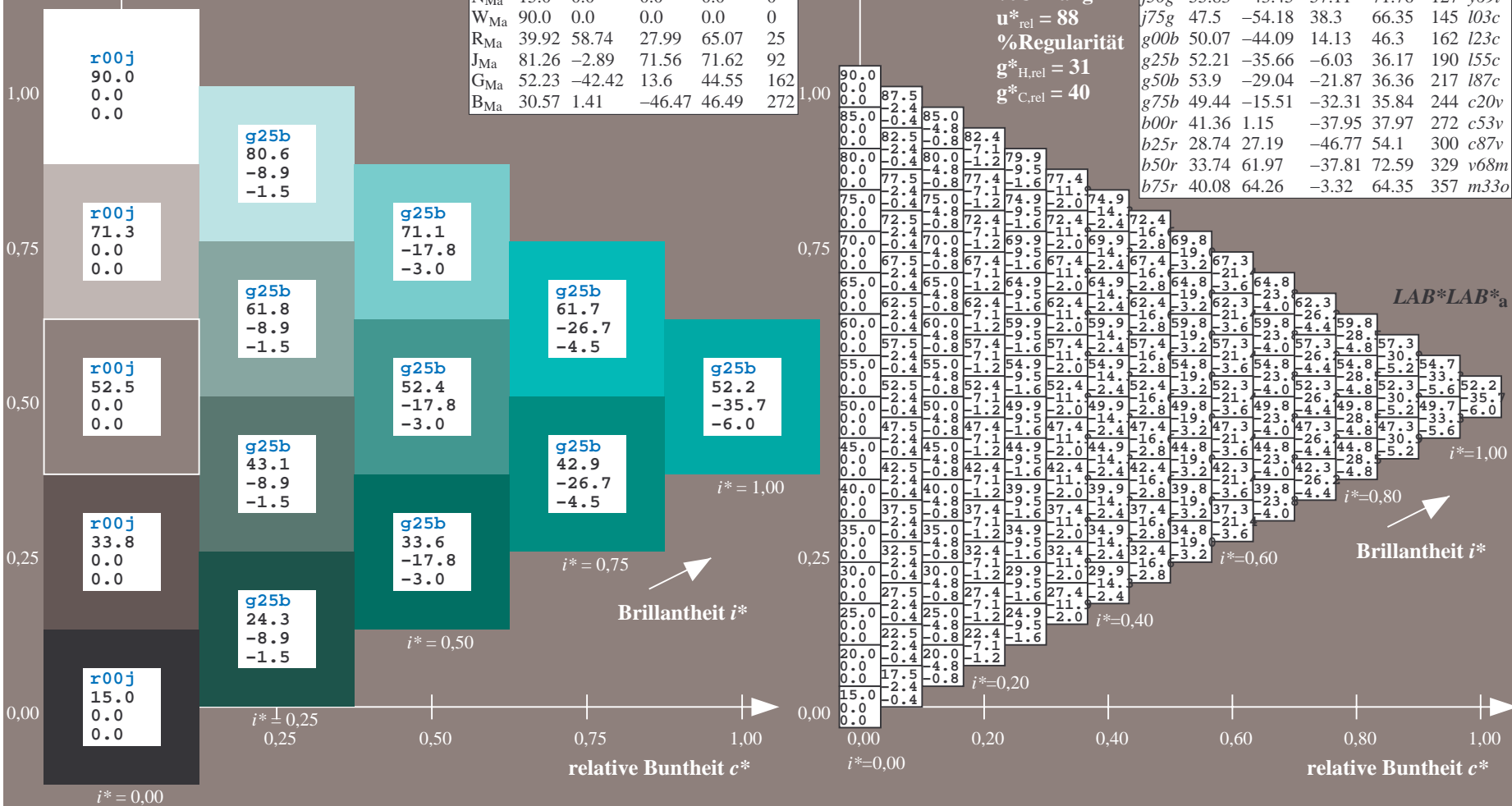
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

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

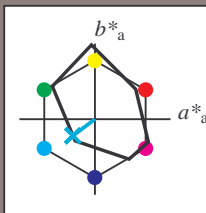
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

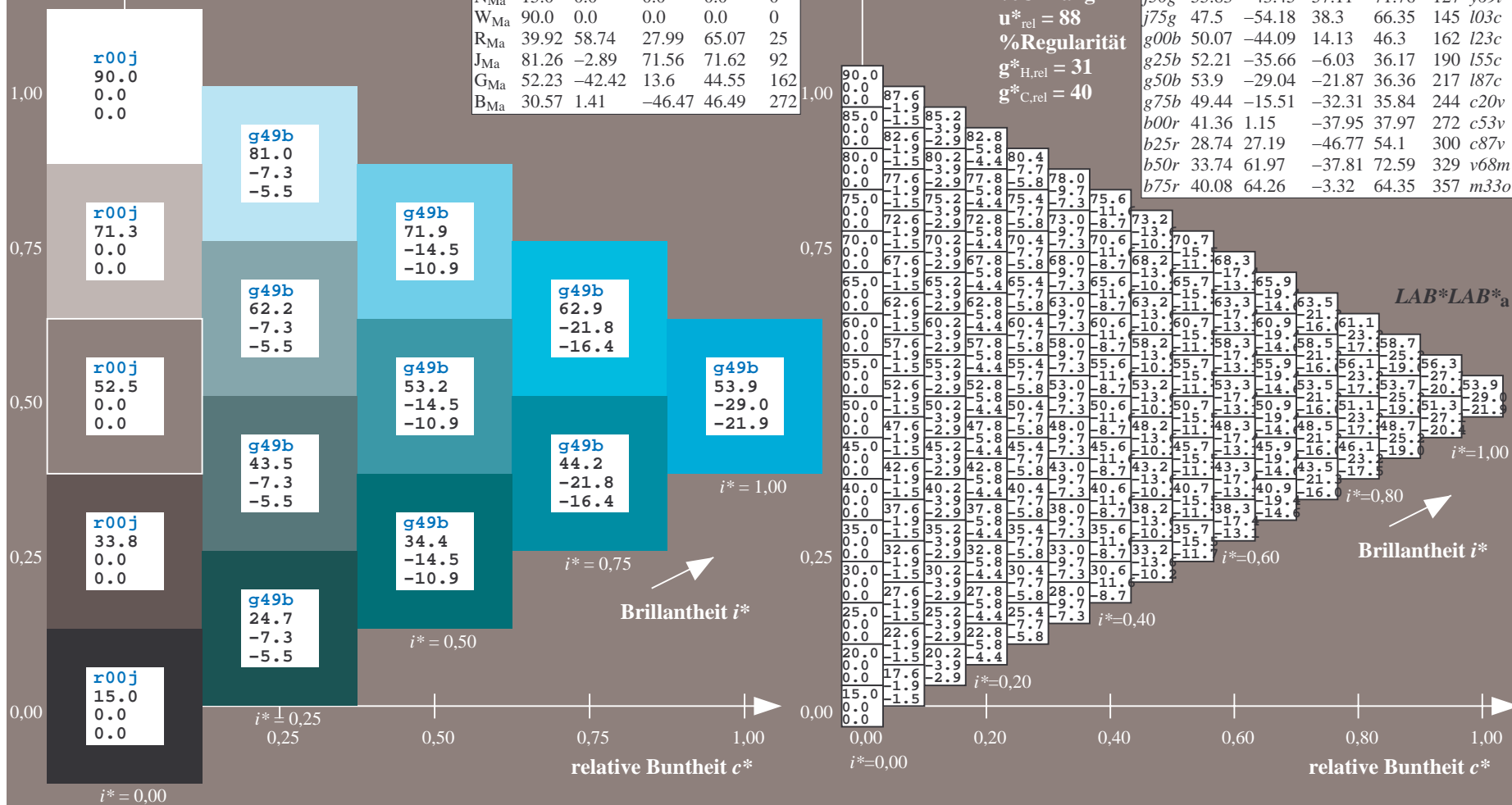
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	242	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

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

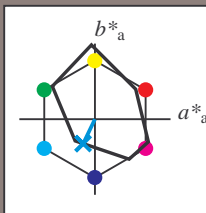
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

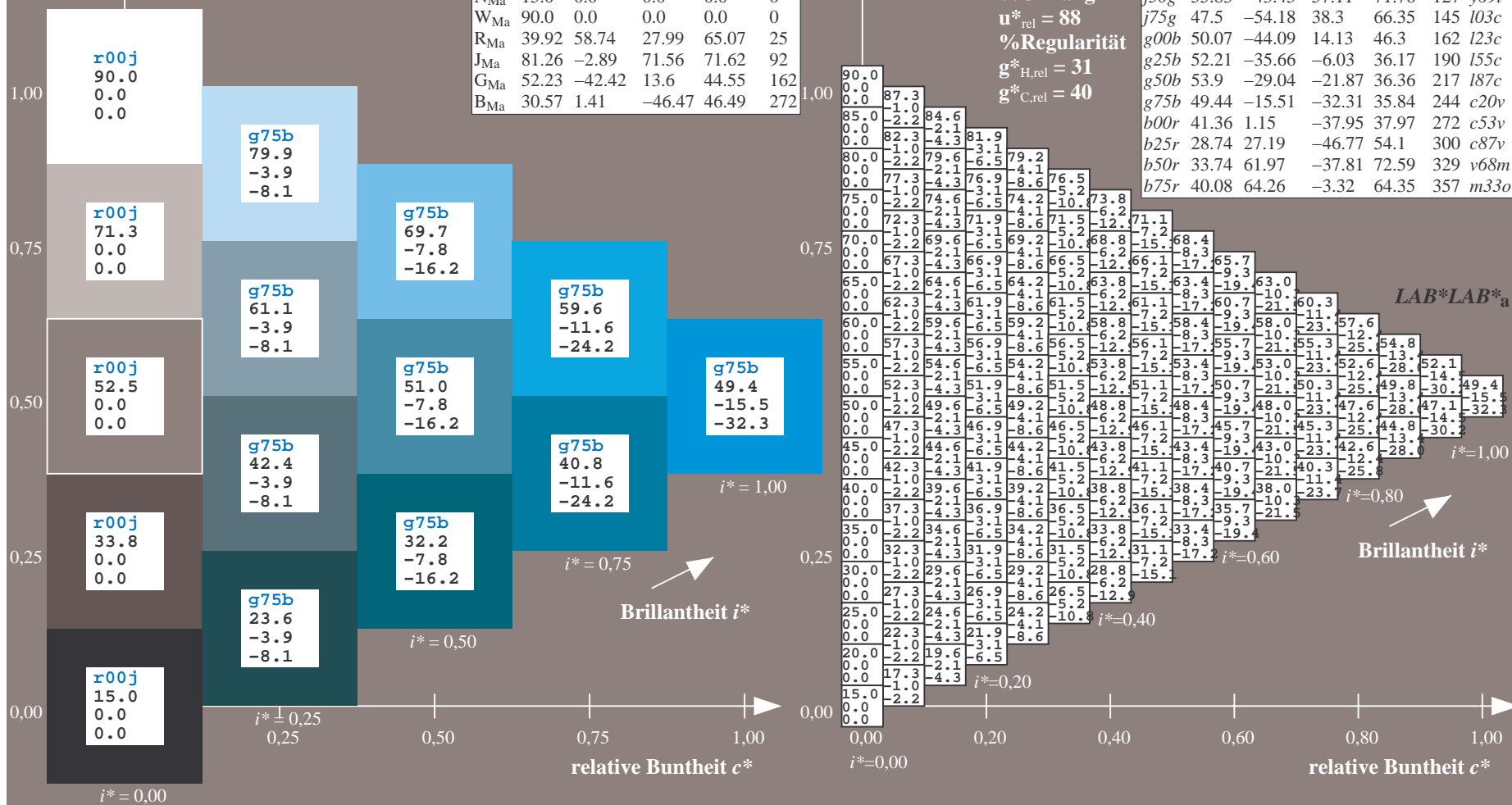
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

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

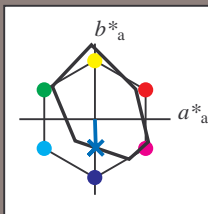
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

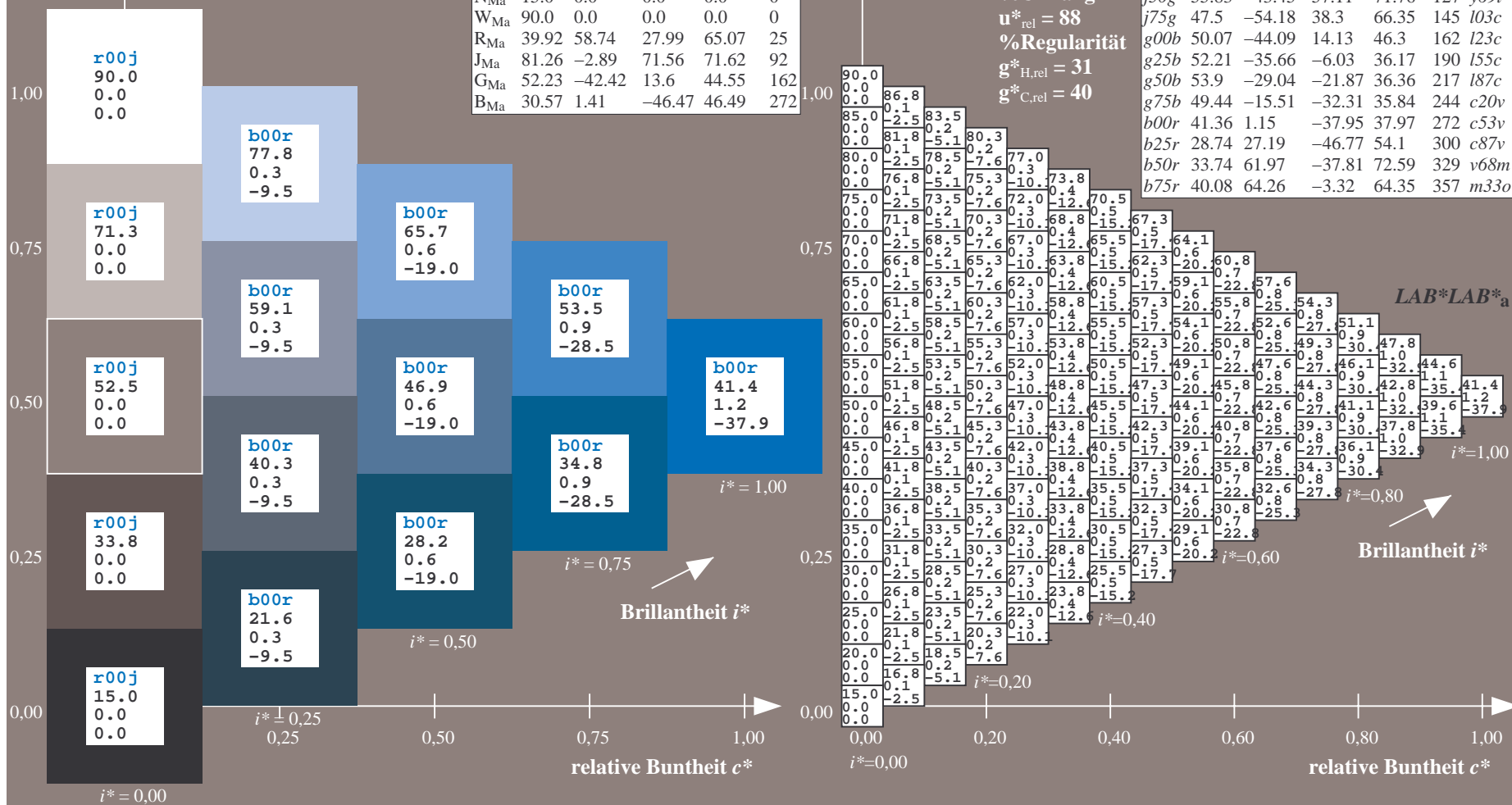
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	242	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

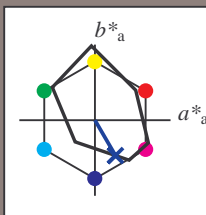
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

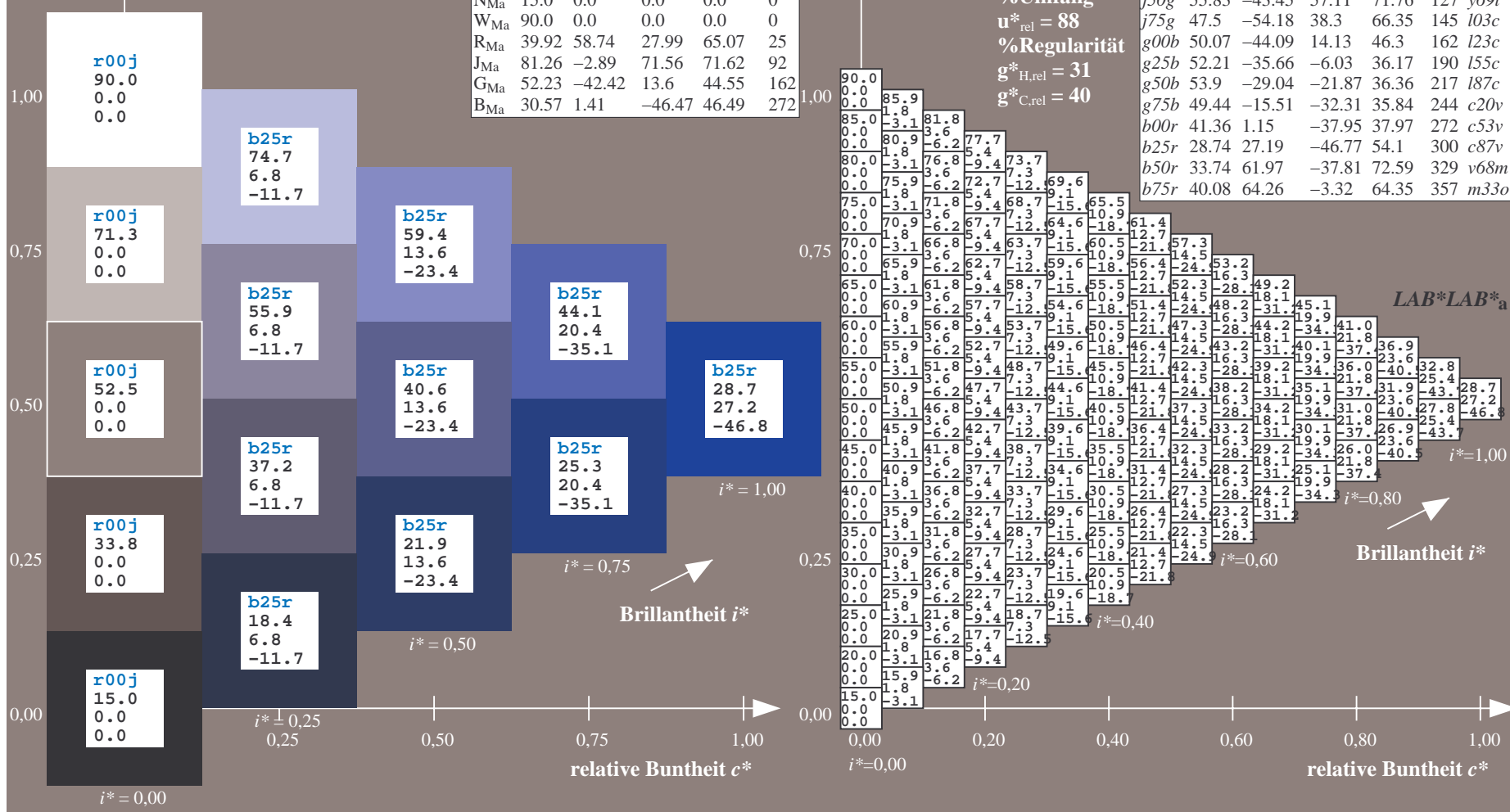
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

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

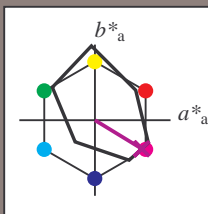
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 34 62 -38

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 34 73 328

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

$\text{lab}^*\text{olv}^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

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

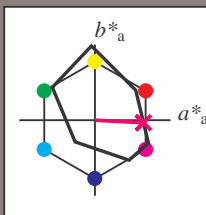
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$u^*_e = b75r$   
 $LAB^*LAB^*_{Ma}$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33/>; [www.ps.bam.de/Eg33/10L/L33G00NA.PS/.TXT](http://www.ps.bam.de/Eg33/10L/L33G00NA.PS/.TXT) BAM-Material: Code=rh4ta  
Technische Information: <http://www.ps.bam.de/Version 2.1, io=1.1, ColSp=0>

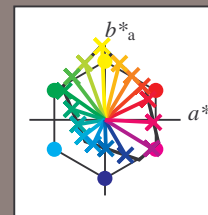
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*a	
01	15.0	19.0	23.0	27.0	31.0	35.0	39.0	43.0	47.0	51.0	55.0	59.0	63.0	67.0	71.0	75.0	79.0	83.0	87.0	91.0	95.0	99.0	103.0	107.0	111.0	115.0	119.0	123.0	127.0	131.0	135.0	139.0	143.0	147.0	151.0	155.0	159.0	163.0	167.0
02	15.6	20.0	24.2	28.4	32.6	36.7	40.8	44.9	48.9	52.9	56.9	60.9	64.9	68.9	72.9	76.9	80.9	84.9	88.9	92.9	96.9	100.9	104.9	108.9	112.9	116.9	120.9	124.9	128.9	132.9	136.9	140.9	144.9	148.9	152.9	156.9	160.9	164.9	
03	16.3	21.8	26.9	32.0	37.1	42.1	47.1	52.1	57.1	62.1	67.1	72.1	77.1	82.1	87.1	92.1	97.1	102.1	107.1	112.1	117.1	122.1	127.1	132.1	137.1	142.1	147.1	152.1	157.1	162.1	167.1	172.1	177.1	182.1	187.1	192.1	197.1	202.1	
04	17.0	22.4	27.6	32.8	38.0	43.2	48.4	53.6	58.8	64.0	69.2	74.4	79.6	84.8	90.0	95.2	100.4	105.6	110.8	116.0	121.2	126.4	131.6	136.8	142.0	147.2	152.4	157.6	162.8	168.0	173.2	178.4	183.6	188.8	194.0	199.2	204.4	209.6	
05	17.5	23.4	28.6	33.6	38.6	43.6	48.6	53.6	58.6	63.6	68.6	73.6	78.6	83.6	88.6	93.6	98.6	103.6	108.6	113.6	118.6	123.6	128.6	133.6	138.6	143.6	148.6	153.6	158.6	163.6	168.6	173.6	178.6	183.6	188.6	193.6	198.6	203.6	
06	18.1	24.5	30.3	36.1	41.9	47.7	53.5	59.3	65.1	70.9	76.7	82.5	88.3	94.1	99.9	105.7	111.5	117.3	123.1	128.9	134.7	140.5	146.3	152.1	157.9	163.7	169.5	175.3	181.1	186.9	192.7	198.5	204.3	210.1	215.9	221.7	227.5		
07	18.3	25.1	31.2	37.3	43.4	49.5	55.6	61.7	67.8	73.9	79.9	86.0	92.1	98.2	104.3	110.4	116.5	122.6	128.7	134.8	140.9	147.0	153.1	159.2	165.3	171.4	177.5	183.6	189.7	195.8	201.9	208.0	214.1	220.2	226.3	232.4	238.5		
08	18.6	25.9	32.4	38.9	45.4	51.9	58.4	64.9	71.4	77.9	84.4	90.9	97.4	103.9	110.4	116.9	123.4	129.9	136.4	142.9	149.4	155.9	162.4	168.9	175.4	181.9	188.4	194.9	201.4	207.9	214.4	220.9	227.4	233.9	240.4	246.9	253.4		
09	19.4	27.1	34.2	41.3	48.4	55.5	62.6	69.7	76.8	83.9	91.0	98.1	105.2	112.3	119.4	126.5	133.6	140.7	147.8	154.9	162.0	169.1	176.2	183.3	190.4	197.5	204.6	211.7	218.8	225.9	233.0	240.1	247.2	254.3	261.4	268.5	275.6		
10	20.0	28.7	37.4	46.1	54.8	63.5	72.2	80.9	89.6	98.3	107.0	115.7	124.4	133.1	141.8	150.5	159.2	167.9	176.6	185.3	194.0	202.7	211.4	220.1	228.8	237.5	246.2	254.9	263.6	272.3	281.0	289.7	298.4	307.1	315.8	324.5	333.2		
11	20.2	29.9	39.6	49.3	59.0	68.7	78.4	88.1	97.8	107.5	117.2	126.9	136.6	146.3	156.0	165.7	175.4	185.1	194.8	204.5	214.2	223.9	233.6	243.3	253.0	262.7	272.4	282.1	291.8	301.5	311.2	320.9	330.6	340.3	350.0	359.7	369.4		
12	20.4	30.7	41.0	51.3	61.6	71.9	82.2	92.5	102.8	113.1	123.4	133.7	144.0	154.3	164.6	174.9	185.2	195.5	205.8	216.1	226.4	236.7	247.0	257.3	267.6	277.9	288.2	298.5	308.8	319.1	329.4	339.7	350.0	360.3	370.6	380.9	391.2		
13	20.6	31.9	43.2	54.5	65.8	77.1	88.4	99.7	111.0	122.3	133.6	144.9	156.2	167.5	178.8	190.1	201.4	212.7	224.0	235.3	246.6	257.9	269.2	280.5	291.8	303.1	314.4	325.7	337.0	348.3	359.6	370.9	382.2	393.5	404.8	416.1	427.4		
14	20.8	32.7	44.6	56.5	68.4	80.3	92.2	104.1	116.0	127.9	139.8	151.7	163.6	175.5	187.4	199.3	211.2	223.1	235.0	246.9	258.8	270.7	282.6	294.5	306.4	318.3	330.2	342.1	354.0	365.9	377.8	389.7	401.6	413.5	425.4	437.3	449.2		
15	21.0	33.5	46.0	58.5	71.0	83.5	96.0	108.5	121.0	133.5	146.0	158.5	171.0	183.5	196.0	208.5	221.0	233.5	246.0	258.5	271.0	283.5	296.0	308.5	321.0	333.5	346.0	358.5	371.0	383.5	396.0	408.5	421.0	433.5	446.0	458.5	471.0		
16	21.2	34.3	47.4	60.5	73.6	86.7	99.8	112.9	126.0	139.1	152.2	165.3	178.4	191.5	204.6	217.7	230.8	243.9	257.0	270.1	283.2	296.3	309.4	322.5	335.6	348.7	361.8	374.9	388.0	401.1	414.2	427.3	440.4	453.5	466.6	479.7	492.8		
17	21.4	35.1	48.8	62.5	76.2	89.9	103.6	117.3	131.0	144.7	158.4	172.1	185.8	199.5	213.2	226.9	240.6	254.3	268.0	281.7	295.4	309.1	322.8	336.5	350.2	363.9	377.6	391.3	405.0	418.7	432.4	446.1	459.8	473.5	487.2	500.9	514.6		
18	21.6	35.9	50.2	64.5	78.8	93.1	107.4	121.7	136.0	150.3	164.6	178.9	193.2	207.5	221.8	236.1	250.4	264.7	279.0	293.3	307.6	321.9	336.2	350.5	364.8	379.1	393.4	407.7	422.0	436.3	450.6	464.9	479.2	493.5	507.8	522.1	536.4		
19	21.8	36.7	51.4	66.1	80.8	95.5	110.2	124.9	139.6	154.3	169.0	183.7	198.4	213.1	227.8	242.5	257.2	271.9	286.6	301.3	316.0	330.7	345.4	360.1	374.8	389.5	404.2	418.9	433.6	448.3	463.0	477.7	492.4	507.1	521.8	536.5	551.2		
20	22.0	37.1	52.2	67.3	82.4	97.5	112.6	127.7	142.8	157.9	173.0	188.1	203.2	218.3	233.4	248.5	263.6	278.7	293.8	308.9	324.0	339.1	354.2	369.3	384.4	399.5	414.6	429.7	444.8	459.9	475.0	490.1	505.2	520.3	535.4	550.5	565.6		
21	22.2	37.9	53.4	68.9	84.4	99.9	115.4	130.9	146.4	161.9	177.4	192.9	208.4	223.9	239.4	254.9	270.4	285.9	301.4	316.9	332.4	347.9	363.4	378.9	394.4	409.9	425.4	440.9	456.4	471.9	487.4	502.9	518.4	533.9	549.4	564.9	580.4		
22	22.4	38.7	54.6	70.5	86.4	102.3	118.2	134.1	150.0	165.9	181.8	197.7	213.6	229.5	245.4	261.3	277.2	293.1	309.0	324.9	340.8	356.7	372.6	388.5	404.4	420.3	436.2	452.1	468.0	483.9	499.8	515.7	531.6	547.5	563.4	579.3	595.2		
23	22.6	39.3	55.6	71.9	88.2	104.5	120.8	137.1	153.4	169.7	186.0	202.3	218.6	234.9	251.2	267.5	283.8	300.1	316.4	332.7	349.0	365.3	381.6	397.9	414.2	430.5	446.8	463.1	479.4	495.7	512.0	528.3	544.6	560.9	577.2	593.5	609.8		
24	22.8	40.1	56.8	73.5	90.2	106.9	123.6	140.3	157.0	173.7	190.4	207.1	223.8	240.5	257.2	273.9	290.6	307.3	324.0	340.7	357.4	374.1	390.8	407.5	424.2	440.9	457.6	474.3	491.0	507.7	524.4	541.1	557.8	574.5	591.2	607.9	624.6		
25	23.0	40.7	57.8	74.9	92.0	109.1	126.2	143.3	160.4	177.5	194.6	211.7	228.8	245.9	263.0	280.1	297.2	314.3	331.4	348.5	365.6	382.7	399.8	416.9	434.0	451.1	468.2	485.3	502.4	519.5	536.6	553.7	570.8	587.9	605.0	622.1	639.2		
26	23.2	41.3	58.8	76.3	93.8	111.3	128.8	146.3	163.8	181.3	198.8	216.3	233.8	251.3	268.8	286.3	303.8	321.3	338.8	356.3	373.8	391.3	408.8	426.3	443.8	461.3	478.8	496.3	513.8	531.3	548.8	566.3	583.8	601.3	618.8	636.3	653.8		
27	23.4	41.9	59.6	77.3	95.0	112.7	130.4	148.1	165.8	183.5	201.2	218.9	236.6	254.3	272.0	289.7	307.4	325.1	342.8	360.5	378.2	395.9	413.6	431.3	449.0	466.7	484.4	502.1	519.8	537.5	555.2	572.9	590.6	608.3	626.0	643.7	661.4		

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

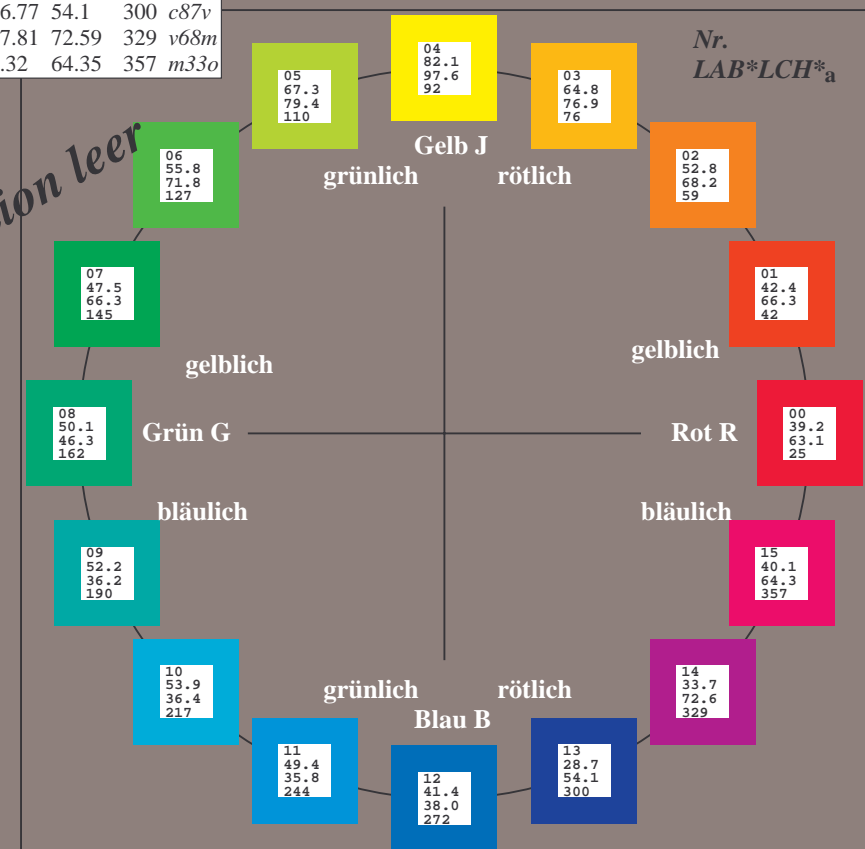
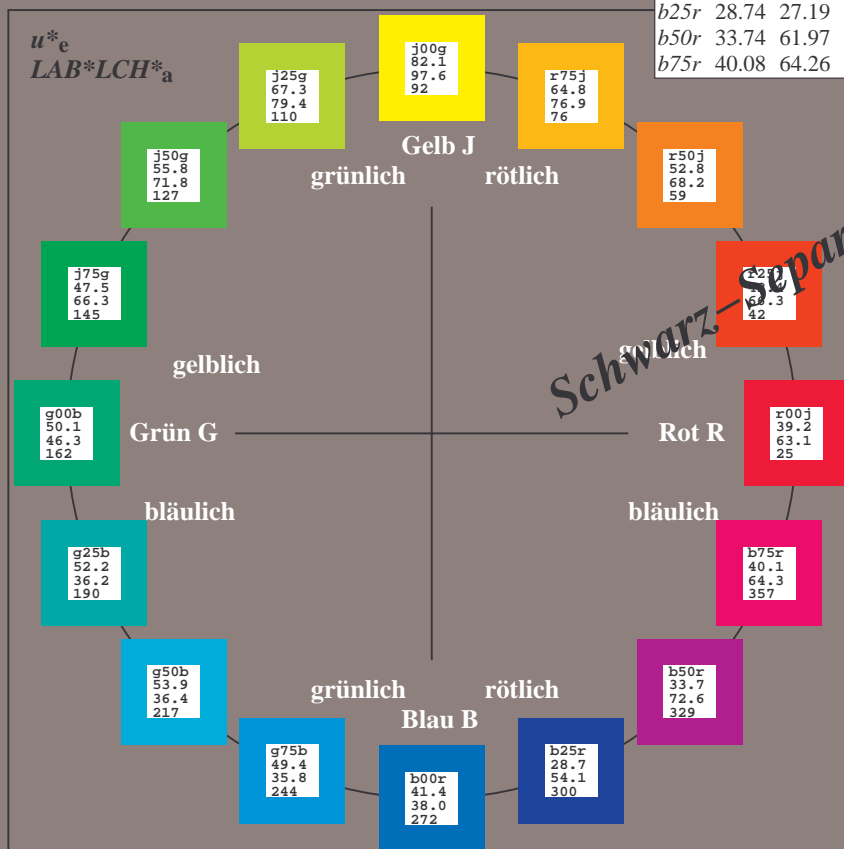
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	39.18	56.94	27.13	63.07	25	$m81o$
$r25j$	42.41	49.1	44.5	66.26	42	$o10y$
$r50j$	52.78	35.22	58.37	68.17	59	$o40y$
$r75j$	64.82	19.12	74.47	76.89	76	$o69y$
$j00g$	82.06	-3.94	97.52	97.6	92	$o98y$
$j25g$	67.26	-26.87	74.67	79.36	110	$y34l$
$j50g$	55.83	-43.45	57.11	71.76	127	$y69l$
$j75g$	47.5	-54.18	38.3	66.35	145	$l03c$
$g00b$	50.07	-44.09	14.13	46.3	162	$l23c$
$g25b$	52.21	-35.66	-6.03	36.17	190	$l55c$
$g50b$	53.9	-29.04	-21.87	36.36	217	$l87c$
$g75b$	49.44	-15.51	-32.31	35.84	244	$c20v$
$b00r$	41.36	1.15	-37.95	37.97	272	$c53v$
$b25r$	28.74	27.19	-46.77	54.1	300	$c87v$
$b50r$	33.74	61.97	-37.81	72.59	329	$v68m$
$b75r$	40.08	64.26	-3.32	64.35	357	$m33o$



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

FRS09\_92aM; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.89	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.42	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

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

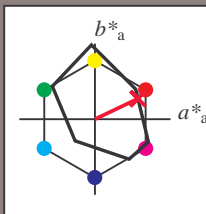
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

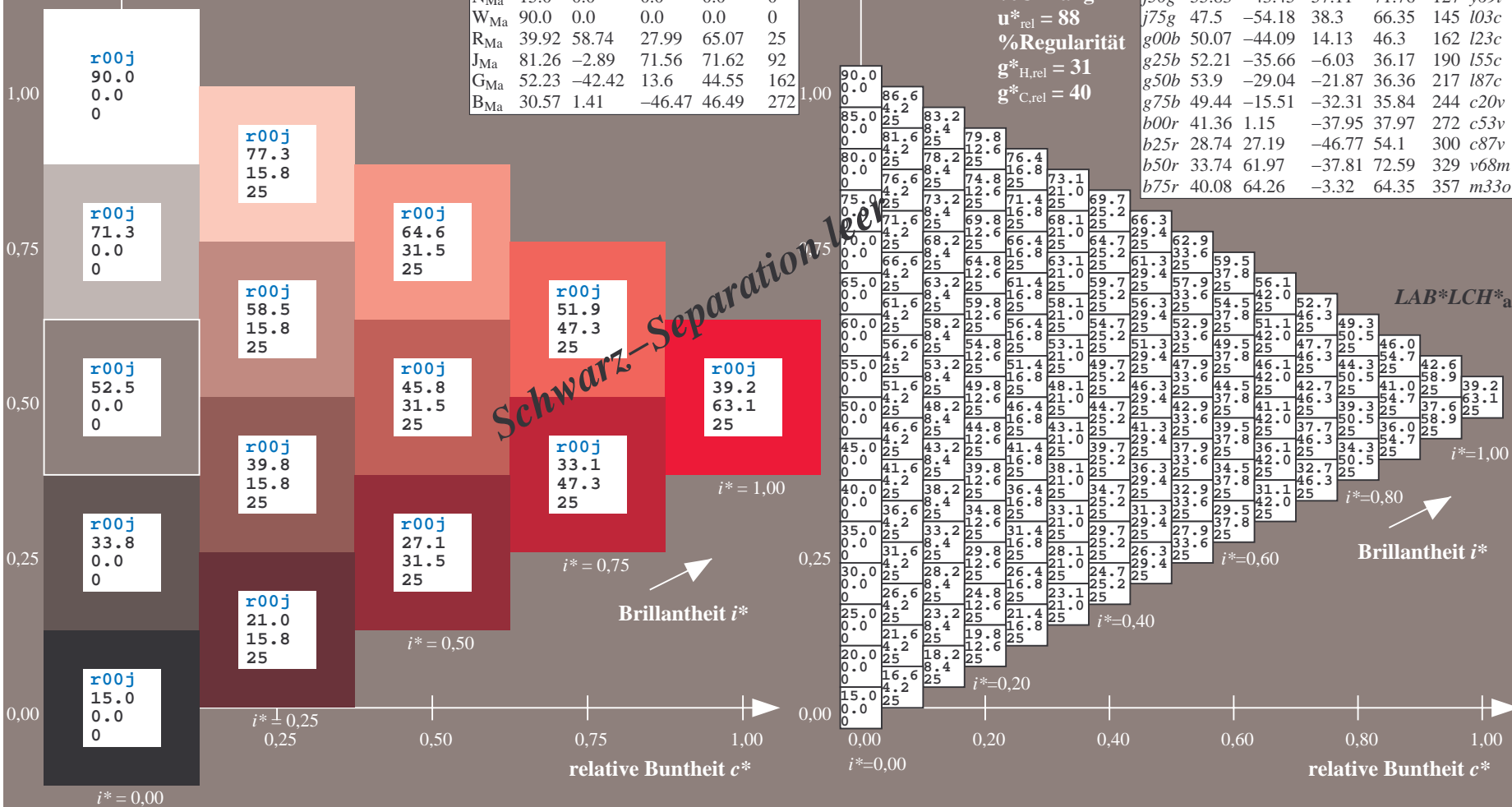
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

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

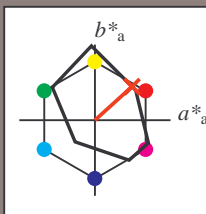
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

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

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

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Schwarz-Separation

Brillantheit  $i^*$

relative Buntheit  $c^*$

$i^* = 0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

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

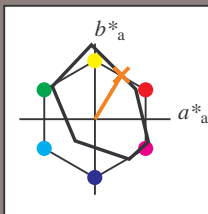
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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

$i^*=1.00$

Brillantheit  $i^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

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

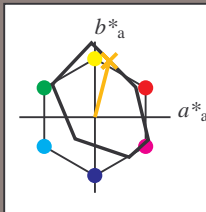
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$u^*_e = r75j$   
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Schwarz-Separation

Brillantheit  $i^*$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

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

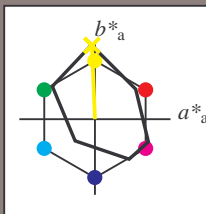
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	242	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Bunttheit  $c^*$

relative Bunttheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

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

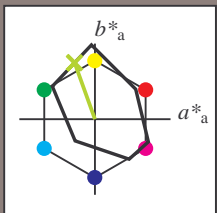
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

Schwarz-Separation

Brillantheit  $i^*$

Brillantheit  $i^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

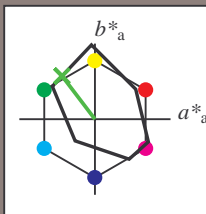
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

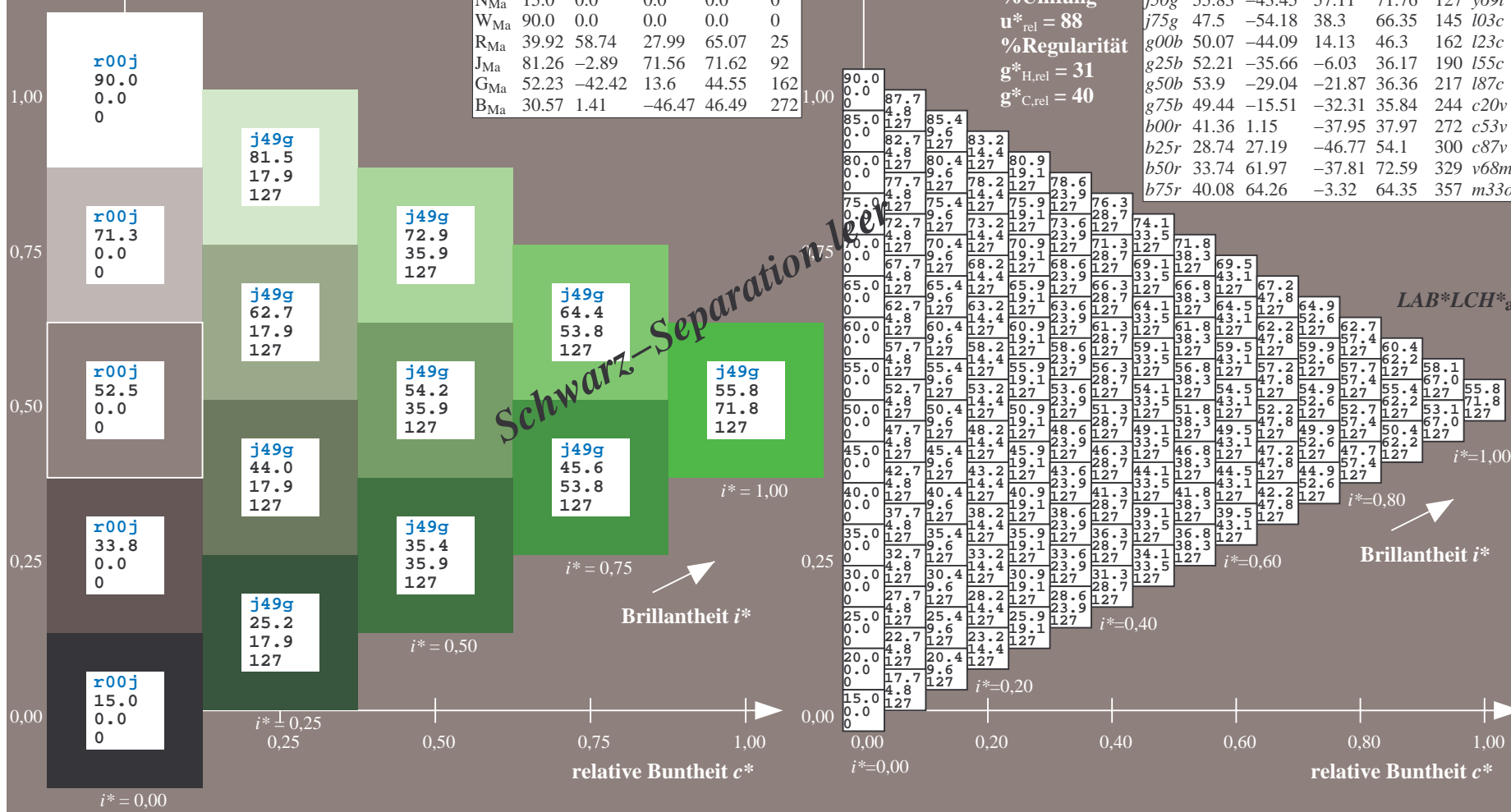
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten							
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

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

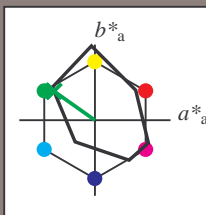
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

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

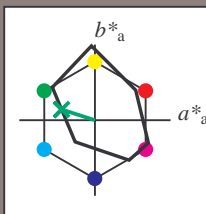
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$u^*_e = g00b$   
 $LAB^*LCH^*_{Ma}$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

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

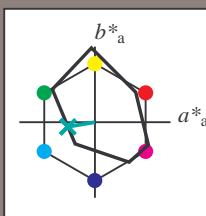
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

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

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

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

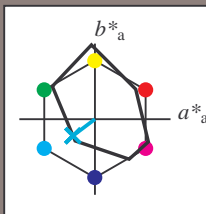
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

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

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

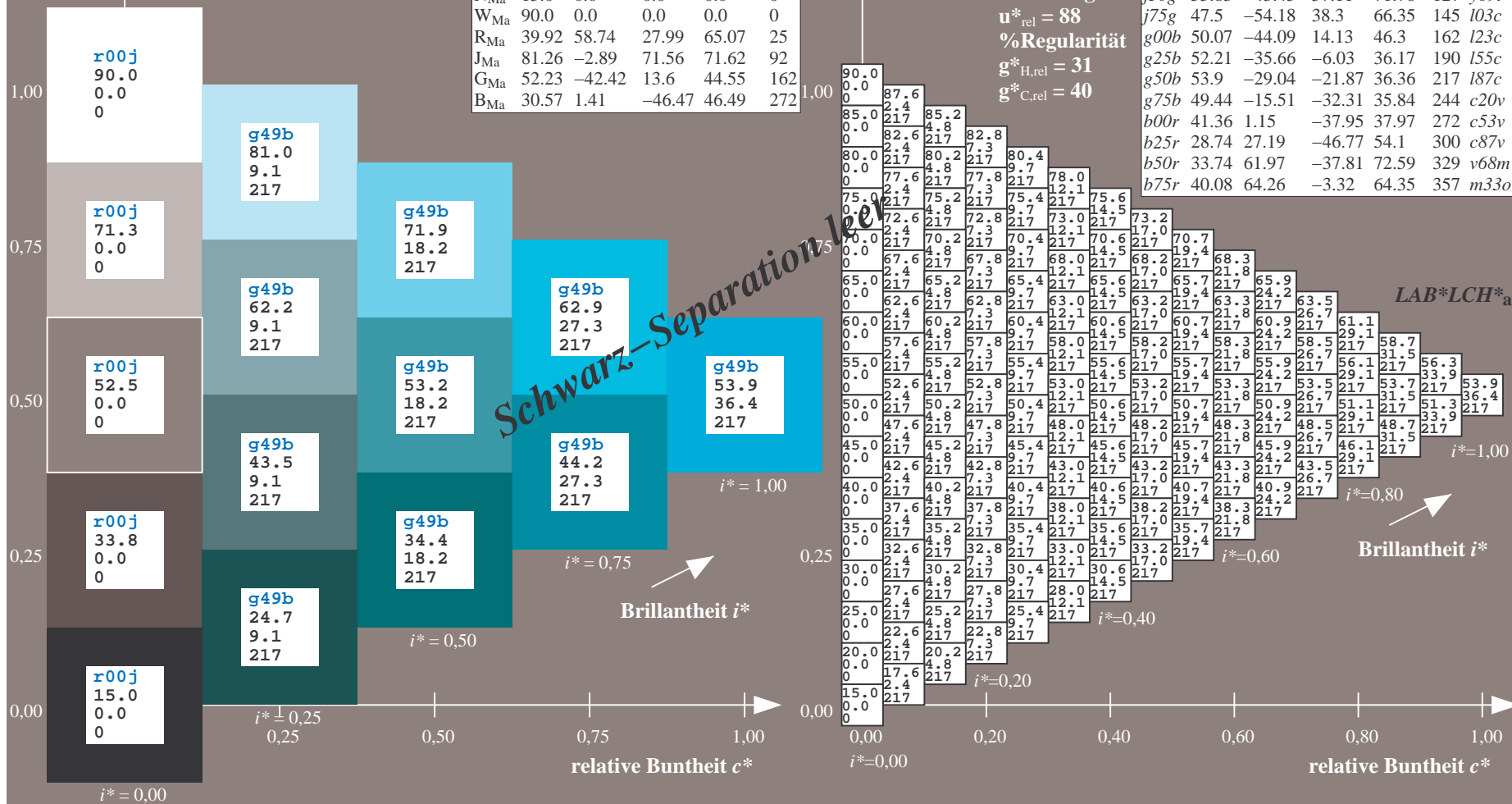
FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$u^*_e = g50b$   
 $LAB^*LCH^*_{Ma}$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33/>; [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-Eg33/10L/L33G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

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

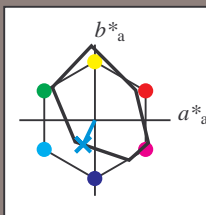
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

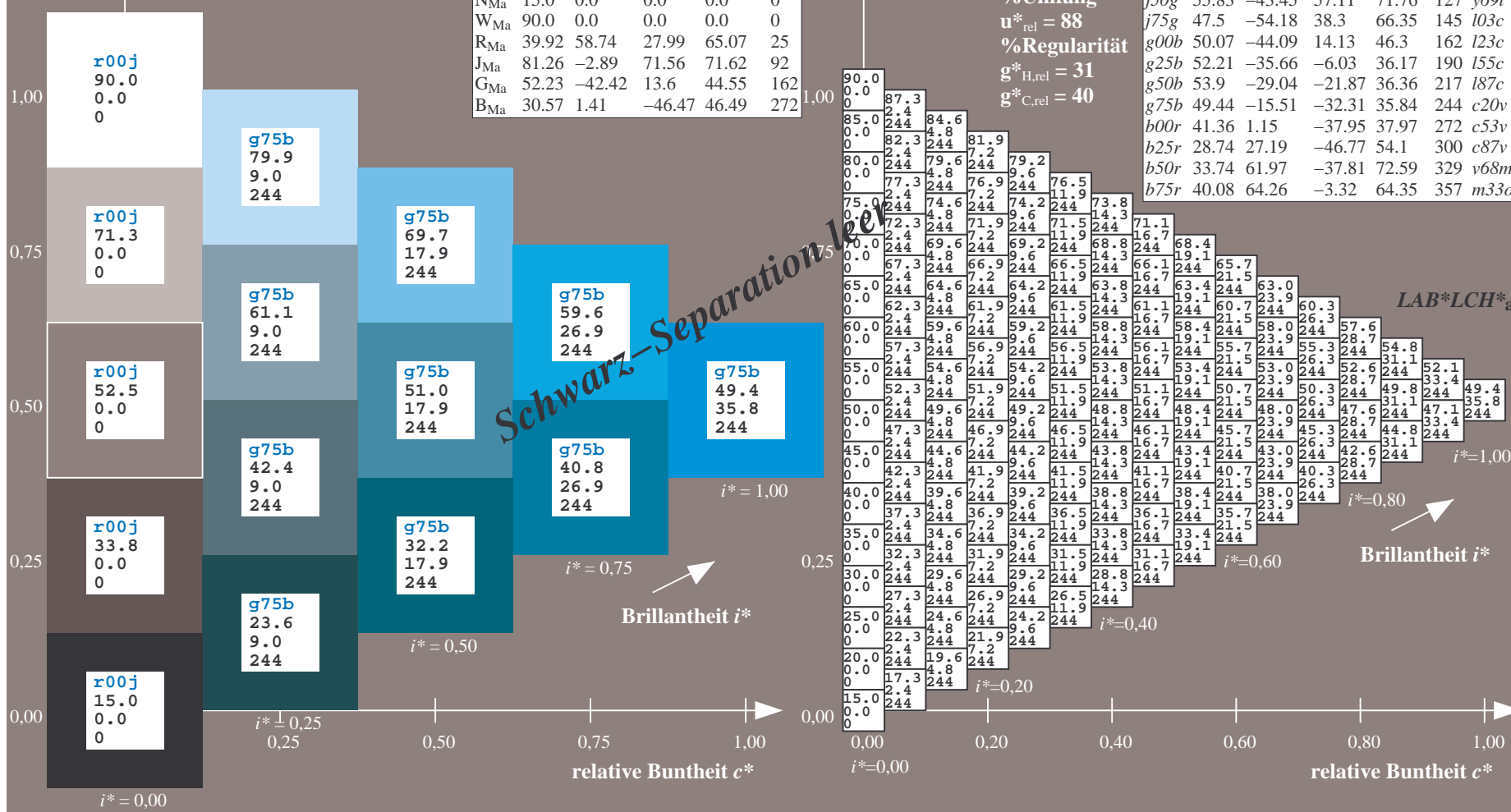
%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$u^*_e = g75b$   
 $LAB^*LCH^*_{Ma}$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

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

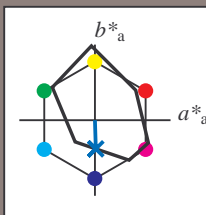
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

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

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

Schwarz-Separation

Brillantheit  $i^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

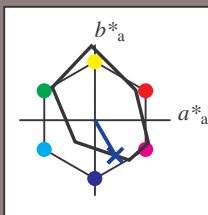
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

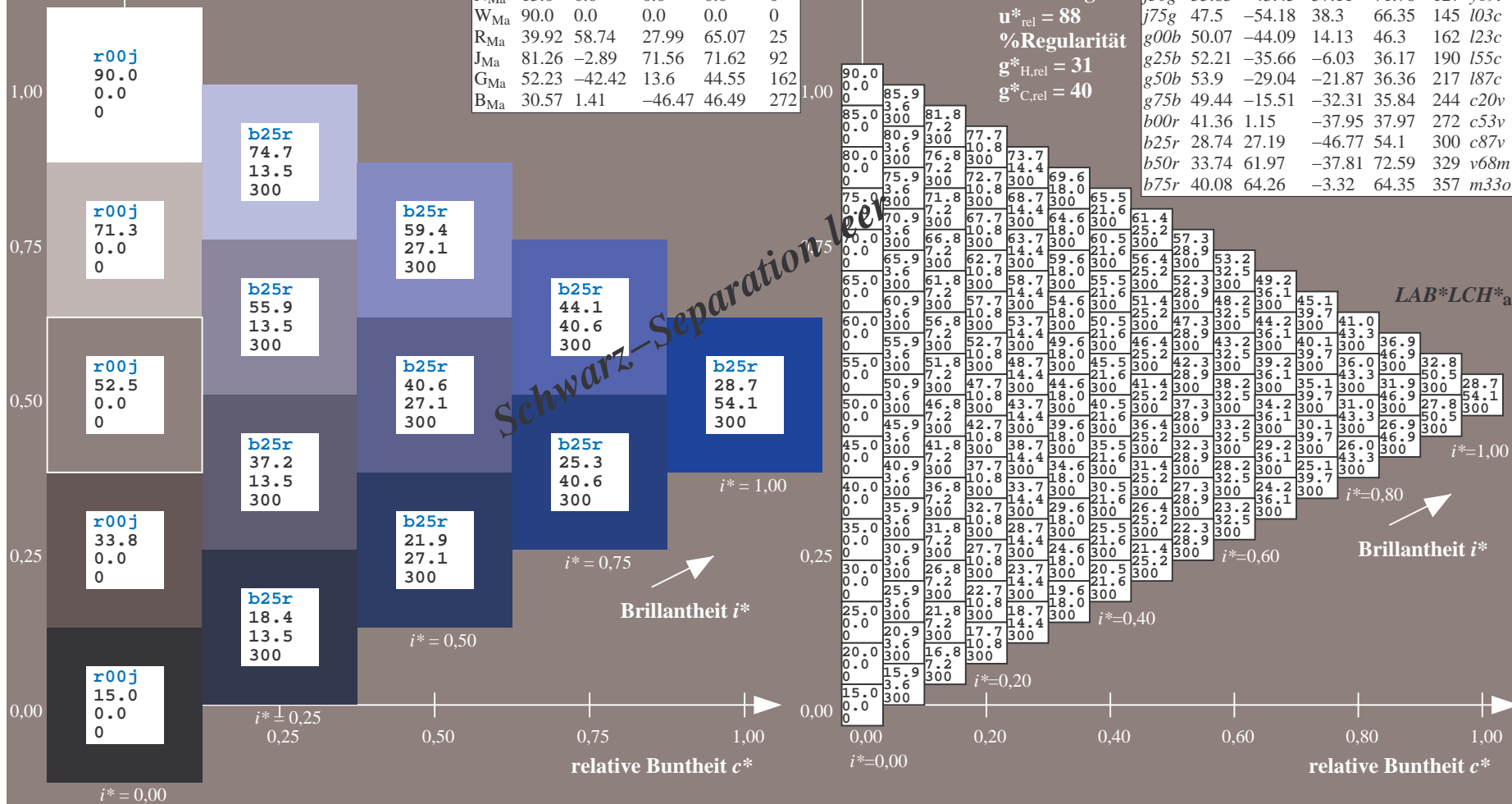
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	242	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

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

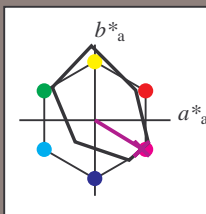
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

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

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

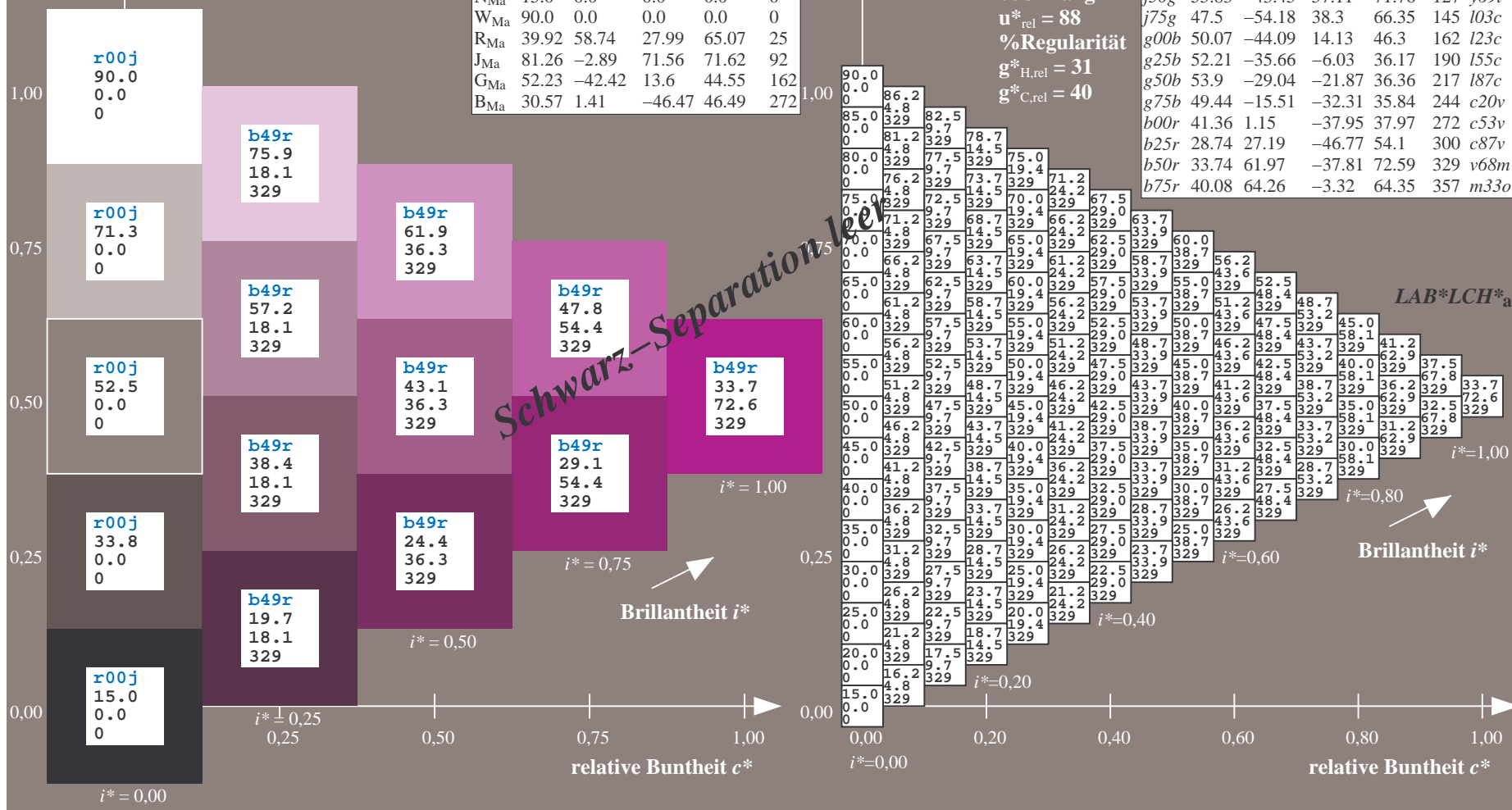
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

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

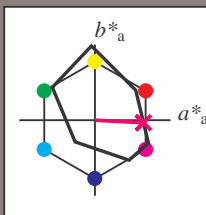
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

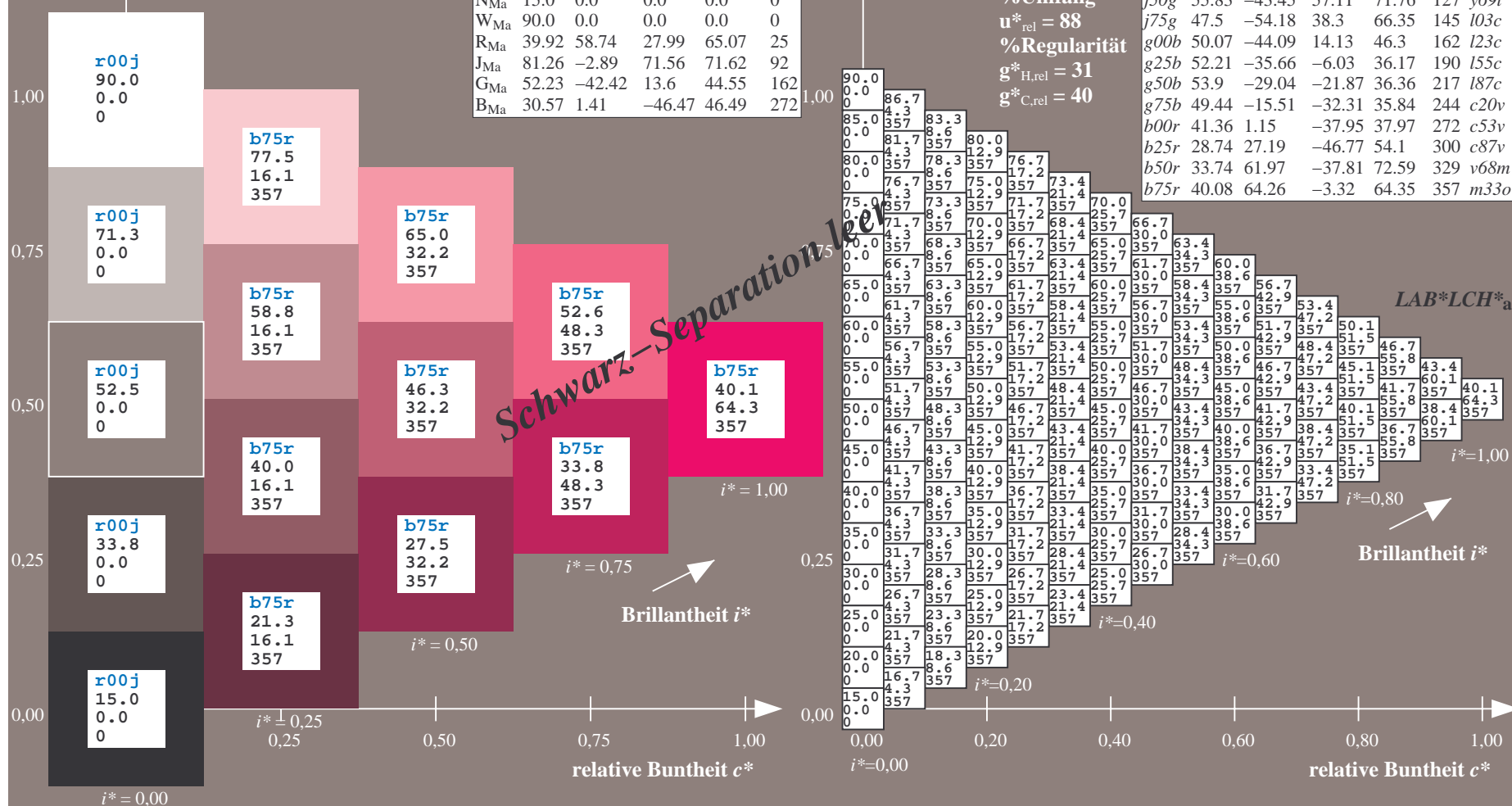
$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$u^*_e = b75r$   
 $LAB^*LCH^*_{Ma}$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33/>; [www.ps.bam.de/Eg33/10L/L33G00NA.PS/.TXT](http://www.ps.bam.de/Eg33/10L/L33G00NA.PS/.TXT) BAM-Material: Code=rh4ta  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, Col5px=0

BAM-Registrierung: 20081001-Eg33/10L/L33G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33/>; [www.ps.bam.de/Eg33/](http://www.ps.bam.de/Eg33/)  
Technische Information: <http://www.ps.bam.de/Version 2.1, io=1.1, Col5px=0>

BAM-Registrierung: 20081001-Eg33/10L/L33G00NA.PS/.TXT BAM-Material: Code=th4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

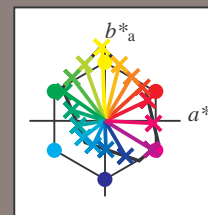
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LCH*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
01	15.0	19.0	23.0	27.0	31.0	35.0	39.0	43.0	47.0	51.0	55.0	59.0	63.0	67.0	71.0	75.0	79.0	83.0	87.0	91.0	95.0	99.0	103.0	107.0	111.0	115.0	119.0	123.0	127.0	131.0	135.0	139.0	143.0	147.0	151.0	155.0	159.0	163.0	167.0	171.0	175.0	179.0	183.0	187.0	191.0	195.0	199.0	203.0	207.0	211.0	215.0	219.0	223.0	227.0	231.0	235.0	239.0	243.0	247.0	251.0	255.0	259.0	263.0	267.0	271.0	275.0	279.0	283.0	287.0	291.0	295.0	299.0	303.0	307.0	311.0	315.0	319.0	323.0	327.0	331.0	335.0	339.0	343.0	347.0	351.0	355.0	359.0	363.0	367.0	371.0	375.0	379.0	383.0	387.0	391.0	395.0	399.0	403.0	407.0	411.0	415.0	419.0	423.0	427.0	431.0	435.0	439.0	443.0	447.0	451.0	455.0	459.0	463.0	467.0	471.0	475.0	479.0	483.0	487.0	491.0	495.0	499.0	503.0	507.0	511.0	515.0	519.0	523.0	527.0	531.0	535.0	539.0	543.0	547.0	551.0	555.0	559.0	563.0	567.0	571.0	575.0	579.0	583.0	587.0	591.0	595.0	599.0	603.0	607.0	611.0	615.0	619.0	623.0	627.0	631.0	635.0	639.0	643.0	647.0	651.0	655.0	659.0	663.0	667.0	671.0	675.0	679.0	683.0	687.0	691.0	695.0	699.0	703.0	707.0	711.0	715.0	719.0	723.0	727.0	731.0	735.0	739.0	743.0	747.0	751.0	755.0	759.0	763.0	767.0	771.0	775.0	779.0	783.0	787.0	791.0	795.0	799.0	803.0	807.0	811.0	815.0	819.0	823.0	827.0	831.0	835.0	839.0	843.0	847.0	851.0	855.0	859.0	863.0	867.0	871.0	875.0	879.0	883.0	887.0	891.0	895.0	899.0	903.0	907.0	911.0	915.0	919.0	923.0	927.0	931.0	935.0	939.0	943.0	947.0	951.0	955.0	959.0	963.0	967.0	971.0	975.0	979.0	983.0	987.0	991.0	995.0	999.0	1003.0	1007.0	1011.0	1015.0	1019.0	1023.0	1027.0	1031.0	1035.0	1039.0	1043.0	1047.0	1051.0	1055.0	1059.0	1063.0	1067.0	1071.0	1075.0	1079.0	1083.0	1087.0	1091.0	1095.0	1099.0	1103.0	1107.0	1111.0	1115.0	1119.0	1123.0	1127.0	1131.0	1135.0	1139.0	1143.0	1147.0	1151.0	1155.0	1159.0	1163.0	1167.0	1171.0	1175.0	1179.0	1183.0	1187.0	1191.0	1195.0	1199.0	1203.0	1207.0	1211.0	1215.0	1219.0	1223.0	1227.0	1231.0	1235.0	1239.0	1243.0	1247.0	1251.0	1255.0	1259.0	1263.0	1267.0	1271.0	1275.0	1279.0	1283.0	1287.0	1291.0	1295.0	1299.0	1303.0	1307.0	1311.0	1315.0	1319.0	1323.0	1327.0	1331.0	1335.0	1339.0	1343.0	1347.0	1351.0	1355.0	1359.0	1363.0	1367.0	1371.0	1375.0	1379.0	1383.0	1387.0	1391.0	1395.0	1399.0	1403.0	1407.0	1411.0	1415.0	1419.0	1423.0	1427.0	1431.0	1435.0	1439.0	1443.0	1447.0	1451.0	1455.0	1459.0	1463.0	1467.0	1471.0	1475.0	1479.0	1483.0	1487.0	1491.0	1495.0	1499.0	1503.0	1507.0	1511.0	1515.0	1519.0	1523.0	1527.0	1531.0	1535.0	1539.0	1543.0	1547.0	1551.0	1555.0	1559.0	1563.0	1567.0	1571.0	1575.0	1579.0	1583.0	1587.0	1591.0	1595.0	1599.0	1603.0	1607.0	1611.0	1615.0	1619.0	1623.0	1627.0	1631.0	1635.0	1639.0	1643.0	1647.0	1651.0	1655.0	1659.0	1663.0	1667.0	1671.0	1675.0	1679.0	1683.0	1687.0	1691.0	1695.0	1699.0	1703.0	1707.0	1711.0	1715.0	1719.0	1723.0	1727.0	1731.0	1735.0	1739.0	1743.0	1747.0	1751.0	1755.0	1759.0	1763.0	1767.0	1771.0	1775.0	1779.0	1783.0	1787.0	1791.0	1795.0	1799.0	1803.0	1807.0	1811.0	1815.0	1819.0	1823.0	1827.0	1831.0	1835.0	1839.0	1843.0	1847.0	1851.0	1855.0	1859.0	1863.0	1867.0	1871.0	1875.0	1879.0	1883.0	1887.0	1891.0	1895.0	1899.0	1903.0	1907.0	1911.0	1915.0	1919.0	1923.0	1927.0	1931.0	1935.0	1939.0	1943.0	1947.0	1951.0	1955.0	1959.0	1963.0	1967.0	1971.0	1975.0	1979.0	1983.0	1987.0	1991.0	1995.0	1999.0	2003.0	2007.0	2011.0	2015.0	2019.0	2023.0	2027.0	2031.0	2035.0	2039.0	2043.0	2047.0	2051.0	2055.0	2059.0	2063.0	2067.0	2071.0	2075.0	2079.0	2083.0	2087.0	2091.0	2095.0	2099.0	2103.0	2107.0	2111.0	2115.0	2119.0	2123.0	2127.0	2131.0	2135.0	2139.0	2143.0	2147.0	2151.0	2155.0	2159.0	2163.0	2167.0	2171.0	2175.0	2179.0	2183.0	2187.0	2191.0	2195.0	2199.0	2203.0	2207.0	2211.0	2215.0	2219.0	2223.0	2227.0	2231.0	2235.0	2239.0	2243.0	2247.0	2251.0	2255.0	2259.0	2263.0	2267.0	2271.0	2275.0	2279.0	2283.0	2287.0	2291.0	2295.0	2299.0	2303.0	2307.0	2311.0	2315.0	2319.0	2323.0	2327.0	2331.0	2335.0	2339.0	2343.0	2347.0	2351.0	2355.0	2359.0	2363.0	2367.0	2371.0	2375.0	2379.0	2383.0	2387.0	2391.0	2395.0	2399.0	2403.0	2407.0	2411.0	2415.0	2419.0	2423.0	2427.0	2431.0	2435.0	2439.0	2443.0	2447.0	2451.0	2455.0	2459.0	2463.0	2467.0	2471.0	2475.0	2479.0	2483.0	2487.0	2491.0	2495.0	2499.0	2503.0	2507.0	2511.0	2515.0	2519.0	2523.0	2527.0	2531.0	2535.0	2539.0	2543.0	2547.0	2551.0	2555.0	2559.0	2563.0	2567.0	2571.0	2575.0	2579.0	2583.0	2587.0	2591.0	2595.0	2599.0	2603.0	2607.0	2611.0	2615.0	2619.0	2623.0	2627.0	2631.0	2635.0	2639.0	2643.0	2647.0	2651.0	2655.0	2659.0	2663.0	2667.0	2671.0	2675.0	2679.0	2683.0	2687.0	2691.0	2695.0	2699.0	2703.0	2707.0	2711.0	2715.0	2719.0	2723.0	2727.0	2731.0	2735.0	2739.0	2743.0	2747.0	2751.0	2755.0	2759.0	2763.0	2767.0	2771.0	2775.0	2779.0	2783.0	2787.0	2791.0	2795.0	2799.0	2803.0	2807.0	2811.0	2815.0	2819.0	2823.0	2827.0	2831.0	2835.0	2839.0	2843.0	2847.0	2851.0	2855.0	2859.0	2863.0	2867.0	2871.0	2875.0	2879.0	2883.0	2887.0	2891.0	2895.0	2899.0	2903.0	2907.0	2911.0	2915.0	2919.0	2923.0	2927.0	2931.0	2935.0	2939.0	2943.0	2947.0	2951.0	2955.0	2959.0	2963.0	2967.0	2971.0	2975.0	2979.0	2983.0	2987.0	2991.0	2995.0	2999.0	3003.0	3007.0	3011.0	3015.0	3019.0	3023.0	3027.0	3031.0	3035.0	3039.0	3043.0	3047.0	3051.0	3055.0	3059.0	3063.0	3067.0	3071.0	3075.0	3079.0	3083.0	3087.0	3091.0	3095.0	3099.0	3103.0	3107.0	3111.0	3115.0	3119.0	3123.0	3127.0	3131.0	3135.0	3139.0	3143.0	3147.0	3151.0	3155.0	3159.0	3163.0	3167.0	3171.0	3175.0	3179.0	3183.0	3187.0	3191.0	3195.0	3199.0	3203.0	3207.0	3211.0	3215.0	3219.0	3223.0	3227.0	3231.0	3235.0	3239.0	3243.0	3247.0	3251.0	3255.0	3259.0	3263.0	3267.0	3271.0	3275.0	3279.0	3283.0	3287.0	3291.0	3295.0	3299.0	3303.0	3307.0	3311.0	3315.0	3319.0	3323.0	3327.0	3331.0	3335.0	3339.0	3343.0	3347.0	3351.0	3355.0	3359.0	3363.0	3367.0	3371.0	3375.0	3379.0	3383.0	3387.0	3391.0	3395.0	3399.0	3403.0	3407.0	3411.0	3415.0	3419.0	3423.0	3427.0	3431.0	3435.0	3439.0	3443.0	3447.0	3451.0	3455.0	3459.0	3463.0	3467.0	3471.0	3475.0	3479.0	3483.0	3487.0	3491.0	3495.0	3499.0	3503.0	3507.0	3511.0	3515.0	3519.0	3523.0	3527.0	3531.0	3535.0	3539.0	3543.0	3547.0	3551.0	3555.0	3559.0	3563.0	3567.0	3571.0	3575.0	3579.0	3583.0	3587.0	3591.0	3595.0	3599.0	3603.0	3607.0	3611.0	3615.0	3619.0	3623.0	3627.0	3631.0	3635.0	3639.0	3643.0	3647.0	3651.0	3655.0	3659.0	3663.0	3667.0	3671.0	3675.0	3679.0	3683.0	3687.0	3691.0	3695.0	3699.0	3703.0	3707.0	3711.0	3715.0	3719.0</

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

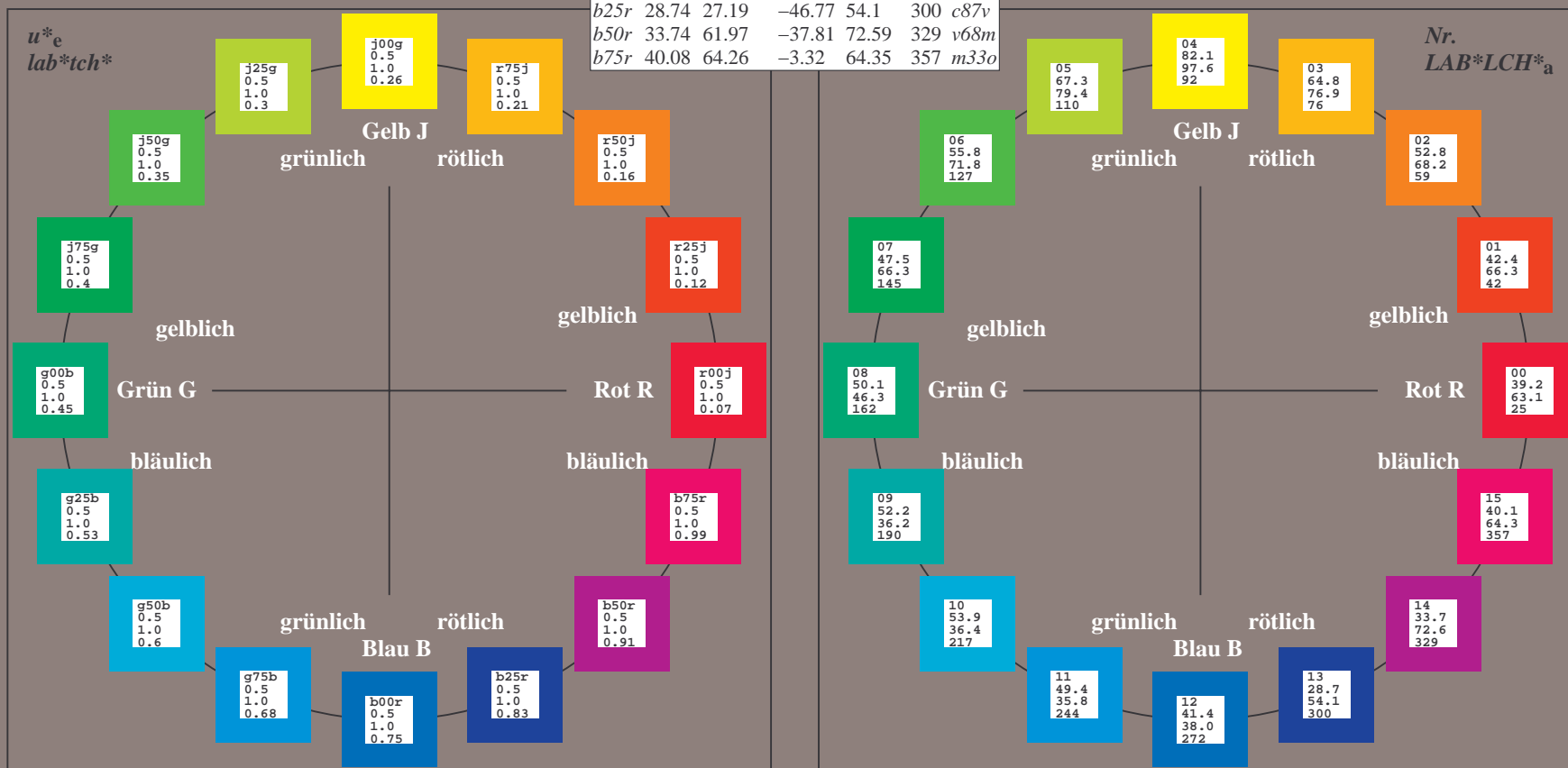
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	39.18	56.94	27.13	63.07	25	$m81o$
$r25j$	42.41	49.1	44.5	66.26	42	$o10y$
$r50j$	52.78	35.22	58.37	68.17	59	$o40y$
$r75j$	64.82	19.12	74.47	76.89	76	$o69y$
$j00g$	82.06	-3.94	97.52	97.6	92	$o98y$
$j25g$	67.26	-26.87	74.67	79.36	110	$y34l$
$j50g$	55.83	-43.45	57.11	71.76	127	$y69l$
$j75g$	47.5	-54.18	38.3	66.35	145	$l03c$
$g00b$	50.07	-44.09	14.13	46.3	162	$l23c$
$g25b$	52.21	-35.66	-6.03	36.17	190	$l55c$
$g50b$	53.9	-29.04	-21.87	36.36	217	$l87c$
$g75b$	49.44	-15.51	-32.31	35.84	244	$c20v$
$b00r$	41.36	1.15	-37.95	37.97	272	$c53v$
$b25r$	28.74	27.19	-46.77	54.1	300	$c87v$
$b50r$	33.74	61.97	-37.81	72.59	329	$v68m$
$b75r$	40.08	64.26	-3.32	64.35	357	$m33o$



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

FRS09\_92aM; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.8	53.92	39.68	66.95	36
$Y_{Ma}$	82.58	-4.64	98.22	98.33	93
$L_{Ma}$	46.95	-56.34	43.46	71.15	142
$C_{Ma}$	54.62	-26.2	-28.68	38.85	228
$V_{Ma}$	20.01	45.2	-52.87	69.56	311
$M_{Ma}$	40.88	70.68	-29.99	76.78	337
$N_{Ma}$	15.0	0.0	0.0	0.0	0
$W_{Ma}$	90.0	0.0	0.0	0.0	0
$R_{CIE}$	39.92	58.74	27.99	65.07	25
$J_{CIE}$	81.26	-2.89	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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

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

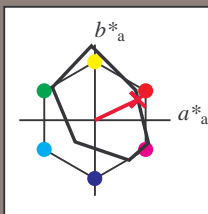
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*tch^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

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

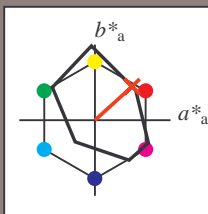
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

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

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

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

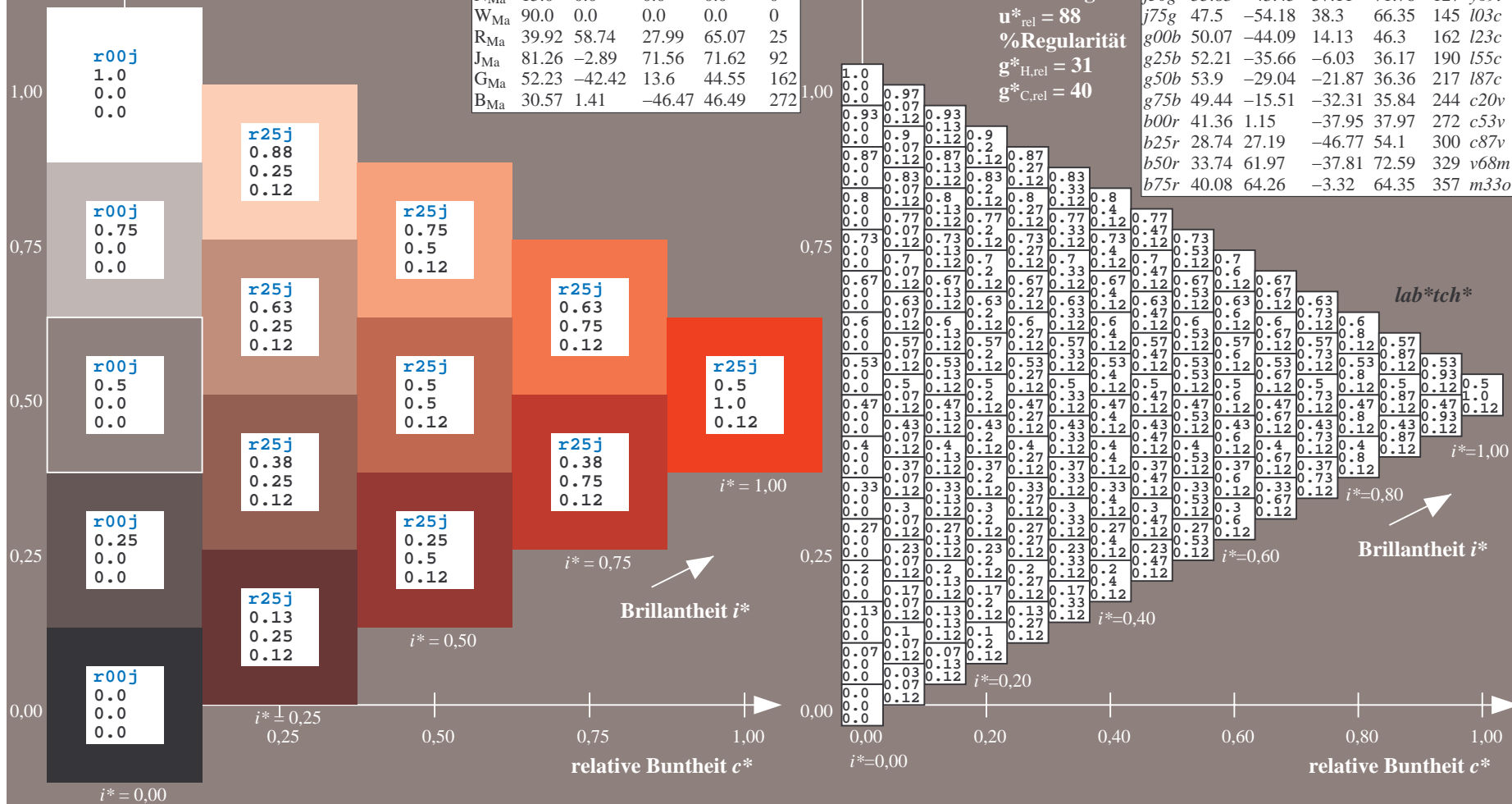
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

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

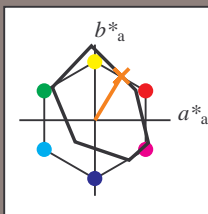
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

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

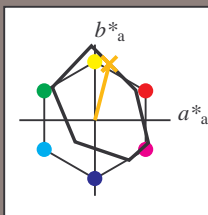
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$lab^*tch^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

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

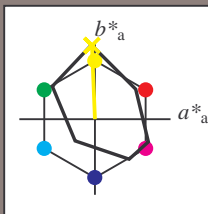
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*tch^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

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

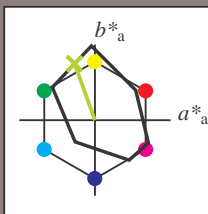
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 67 -27 75

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 67 79 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

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

$i^* = 1.00$

Brillantheit  $i^*$

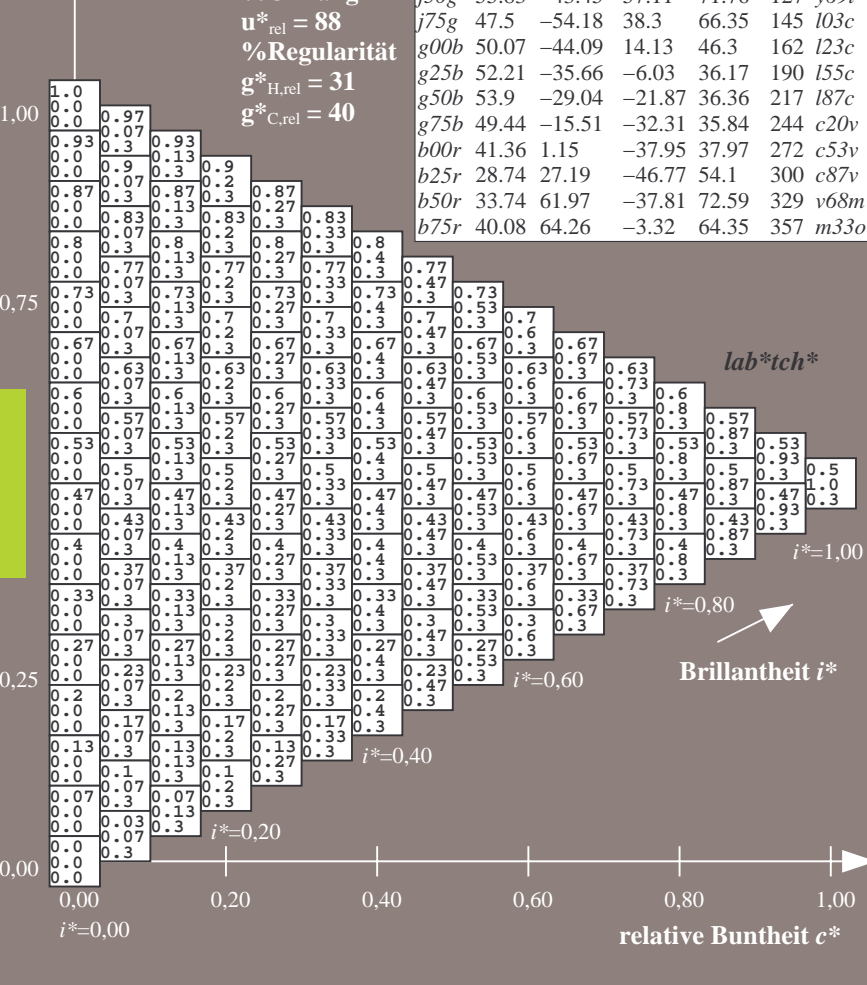
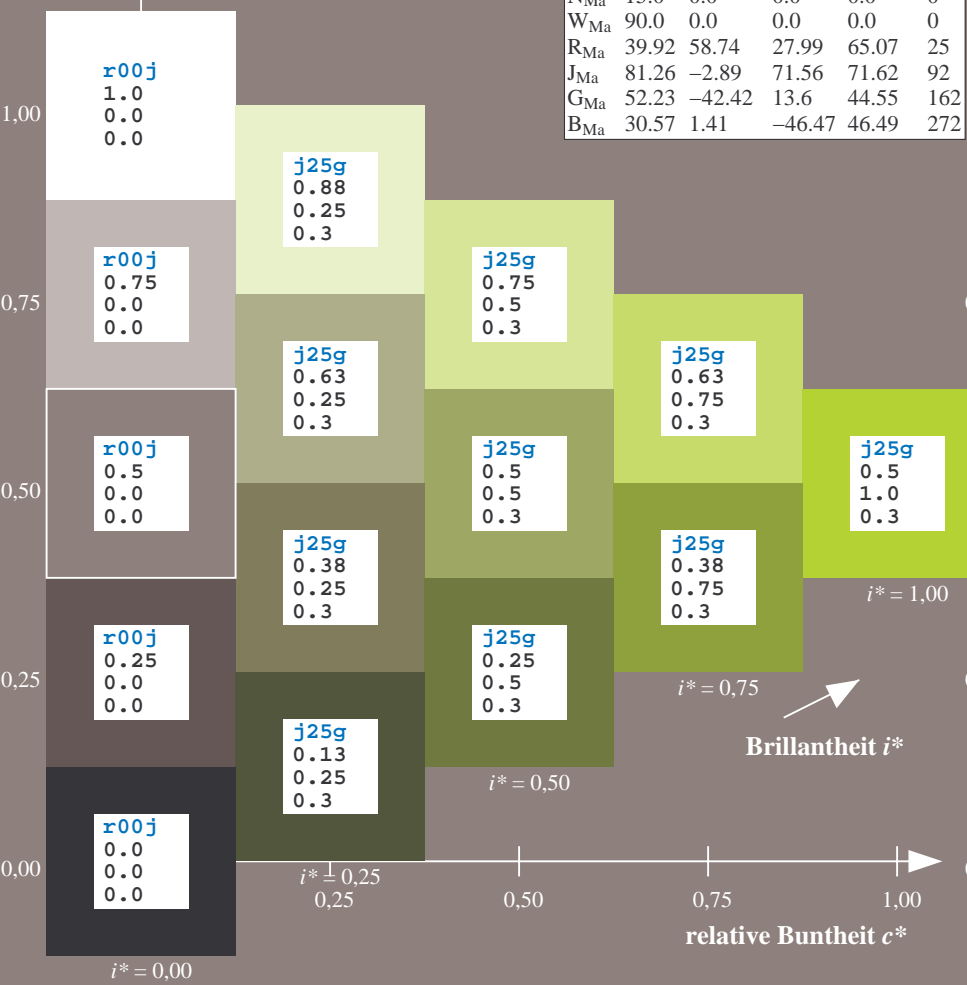
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

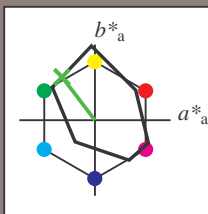
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$lab^*tch^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

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

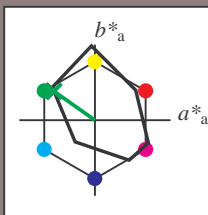
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 48 -54 38

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 48 66 144

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25		m81o
r25j	42.41	49.1	44.5	66.26	42		o10y
r50j	52.78	35.22	58.37	68.17	59		o40y
r75j	64.82	19.12	74.47	76.89	76		o69y
j00g	82.06	-3.94	97.52	97.6	92		o98y
j25g	67.26	-26.87	74.67	79.36	110		y34l
j50g	55.83	-43.45	57.11	71.76	127		y69l
j75g	47.5	-54.18	38.3	66.35	145		i03c
g00b	50.07	-44.09	14.13	46.3	162		i23c
g25b	52.21	-35.66	-6.03	36.17	190		i55c
g50b	53.9	-29.04	-21.87	36.36	217		i87c
g75b	49.44	-15.51	-32.31	35.84	244		c20v
b00r	41.36	1.15	-37.95	37.97	272		c53v
b25r	28.74	27.19	-46.77	54.1	300		c87v
b50r	33.74	61.97	-37.81	72.59	329		v68m
b75r	40.08	64.26	-3.32	64.35	357		m33o

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

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

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

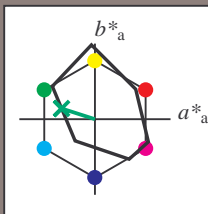
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$lab^*tch^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

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

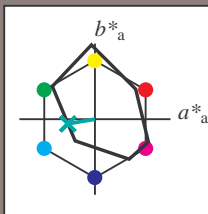
Bunttontexte:

$u_e^* = g25b$   $u_d^* = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*tch^*$

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

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

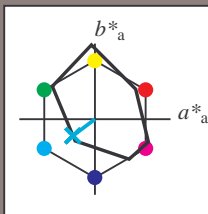
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 54 -29 -22

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 54 36 216

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

$\text{lab}^*\text{olv}^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

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

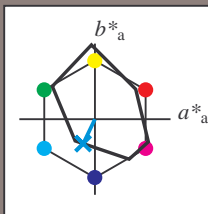
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten					
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten					
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25
r25j	42.41	49.1	44.5	66.26	42
r50j	52.78	35.22	58.37	68.17	59
r75j	64.82	19.12	74.47	76.89	76
j00g	82.06	-3.94	97.52	97.6	92
j25g	67.26	-26.87	74.67	79.36	110
j50g	55.83	-43.45	57.11	71.76	127
j75g	47.5	-54.18	38.3	66.35	145
g00b	50.07	-44.09	14.13	46.3	162
g25b	52.21	-35.66	-6.03	36.17	190
g50b	53.9	-29.04	-21.87	36.36	217
g75b	49.44	-15.51	-32.31	35.84	244
b00r	41.36	1.15	-37.95	37.97	272
b25r	28.74	27.19	-46.77	54.1	300
b50r	33.74	61.97	-37.81	72.59	329
b75r	40.08	64.26	-3.32	64.35	357

$lab^*tch^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

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

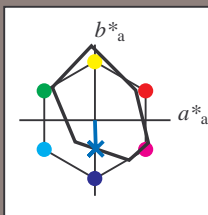
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 41 1 -38

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 41 38 271

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

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

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

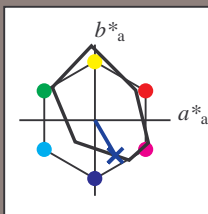
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

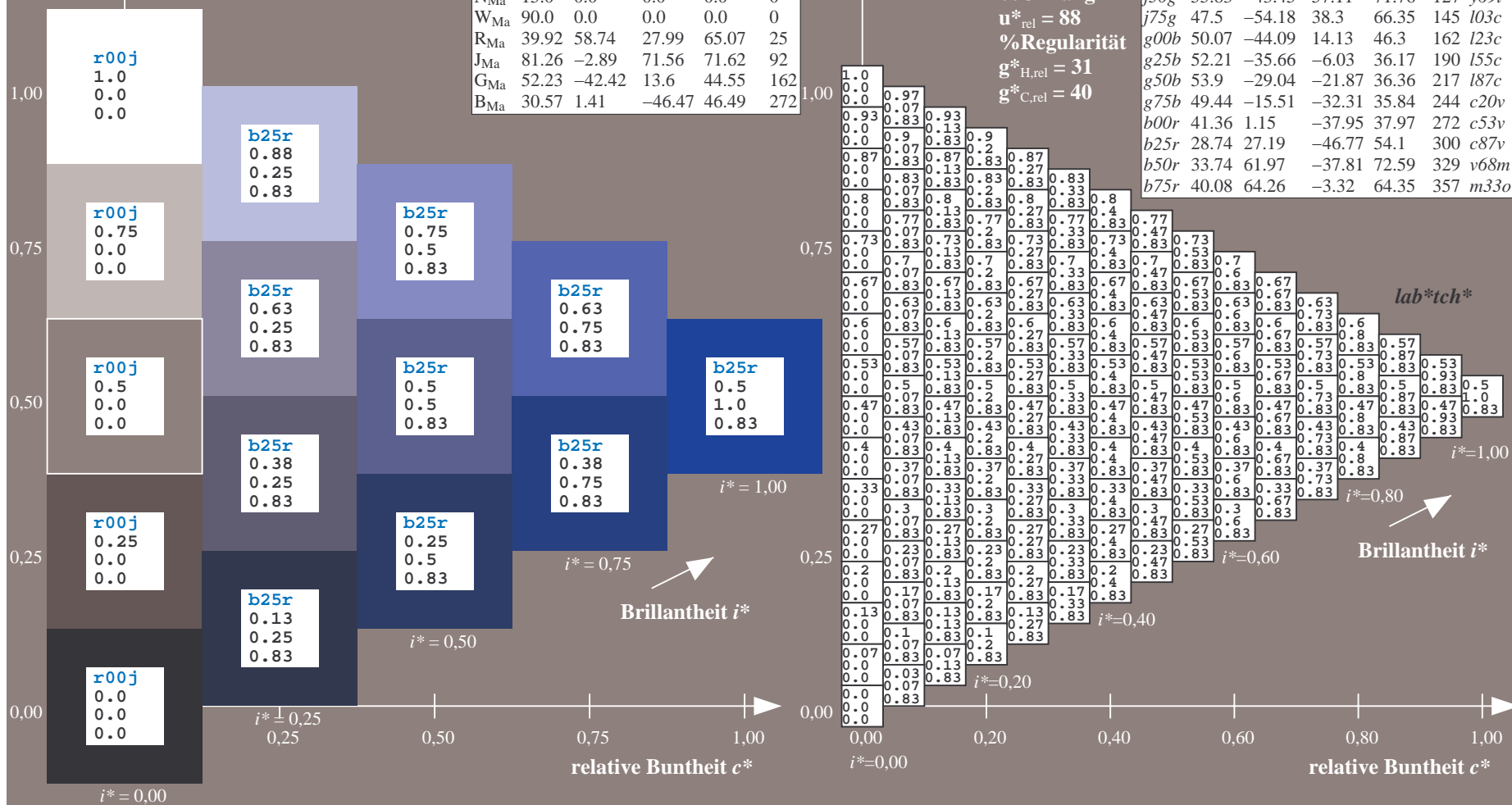
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						$u_e^* = b25r$	$lab^*tch^*$
	$u_e^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_d^*$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

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

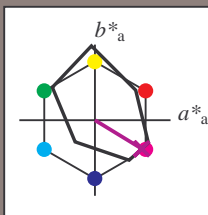
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

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

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$lab^*tch^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

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

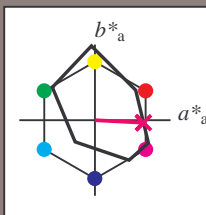
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*tch^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSp=0

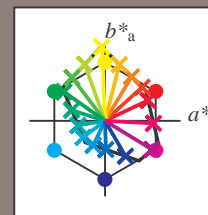
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*tech*			
01	0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.0	0.0	0.0	0.0			
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	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	0.0	0.0	0.0	0.0		
	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.26	0.33	0.35	0.36	0.37	0.37	0.38	0.38	0.1	0.18	0.26	0.3	0.33	0.34	0.35	0.36	0.36	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
02	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.13	0.13	0.13		
	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0		
	0.86	0.63	0.51	0.47	0.45	0.44	0.43	0.43	0.43	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.02	0.1	0.26	0.33	0.35	0.36	0.37	0.37	0.38	0.63	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
03	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.25	0.25	0.25		
	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	
	0.86	0.75	0.63	0.55	0.51	0.49	0.47	0.46	0.45	0.9	0.86	0.63	0.51	0.47	0.45	0.44	0.43	0.43	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.63	0.63	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
04	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.38	0.38	0.38	0.38		
	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	
	0.86	0.79	0.71	0.63	0.57	0.51	0.48	0.48	0.48	0.99	0.86	0.75	0.63	0.51	0.48	0.47	0.47	0.47	0.91	0.91	0.0	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
05	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	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	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	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	
	0.86	0.8	0.75	0.69	0.63	0.58	0.55	0.53	0.51	0.88	0.86	0.79	0.71	0.63	0.57	0.54	0.51	0.5	0.9	0.89	0.86	0.75	0.63	0.55	0.51	0.49	0.47	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
06	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.31	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.31	0.38	0.44	0.44	0.44	0.44	0.5	0.56	0.63	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.63	0.63	0.63	0.63	
	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	0.0	0.13	0.25	0.38	0.0	0.13	0.25	0.38	0.0	0.0	0.0	0.0	
	0.86	0.82	0.77	0.72	0.68	0.63	0.59	0.56	0.54	0.88	0.86	0.8	0.75	0.69	0.63	0.58	0.55	0.53	0.89	0.88	0.86	0.79	0.71	0.63	0.57	0.54	0.51	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
07	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.38	0.44	0.5	0.5	0.5	0.5	0.5	0.56	0.63	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.75	0.75	0.75	0.75	
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	0.0	
	0.86	0.82	0.79	0.75	0.71	0.67	0.63	0.6	0.57	0.87	0.86	0.82	0.77	0.72	0.68	0.63	0.59	0.56	0.89	0.88	0.86	0.8	0.75	0.69	0.63	0.58	0.55	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
08	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.44	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.88	0.88	0.88	0.88
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.88	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.0	0.0	0.0	0.0	0.0	
	0.86	0.83	0.8	0.76	0.73	0.7	0.67	0.63	0.6	0.87	0.86	0.82	0.79	0.75	0.71	0.67	0.63	0.6	0.88	0.87	0.86	0.82	0.77	0.72	0.68	0.63	0.59	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
09	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	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
	0.86	0.83	0.8	0.78	0.75	0.72	0.69	0.66	0.63	0.87	0.86	0.83	0.8	0.76	0.73	0.7	0.67	0.63	0.88	0.87	0.86	0.82	0.79	0.75	0.71	0.67	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
10	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.31	0.31	0.31	0.31	0.38	0.44	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.0	0.0	0.0	0.0		
	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	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	0.0	0.0	0.0	0.0	
	0.86	0.79	0.71	0.63	0.57	0.51	0.48	0.48	0.48	0.99	0.86	0.75	0.63	0.51	0.48	0.47	0.47	0.47	0.91	0.91	0.0	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
11	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.63	0.19	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.07	0.07	0.07	0.07	0.07	0.07	
	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	0.63	0.5	0.5	0.5	0.5	0.63	0.75	0.88	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0	0.0	
	0.05	0.1	0.18	0.26	0.3	0.33	0.34	0.35	0.36	0.06	0.1	0.15	0.21	0.26	0.29	0.31	0.33	0.34	0.07	0.1	0.14	0.18	0.22	0.26	0.29	0.3	0.32	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
12	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.63	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.63	0.31	0.38	0.44	0.44	0.44	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.13	0.13	0.13</		



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

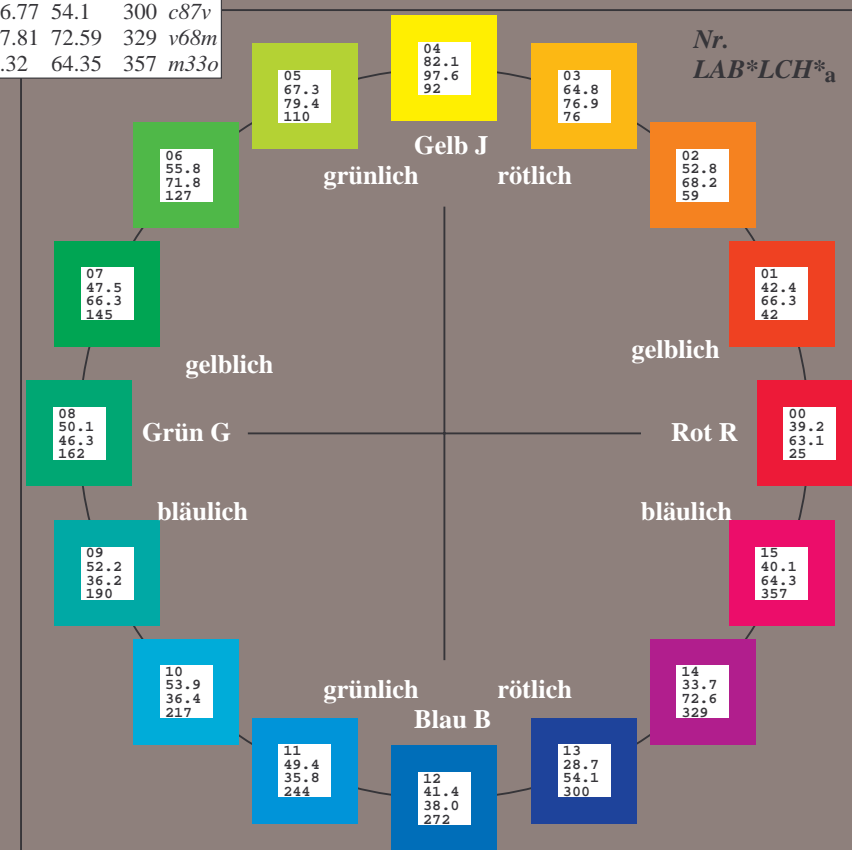
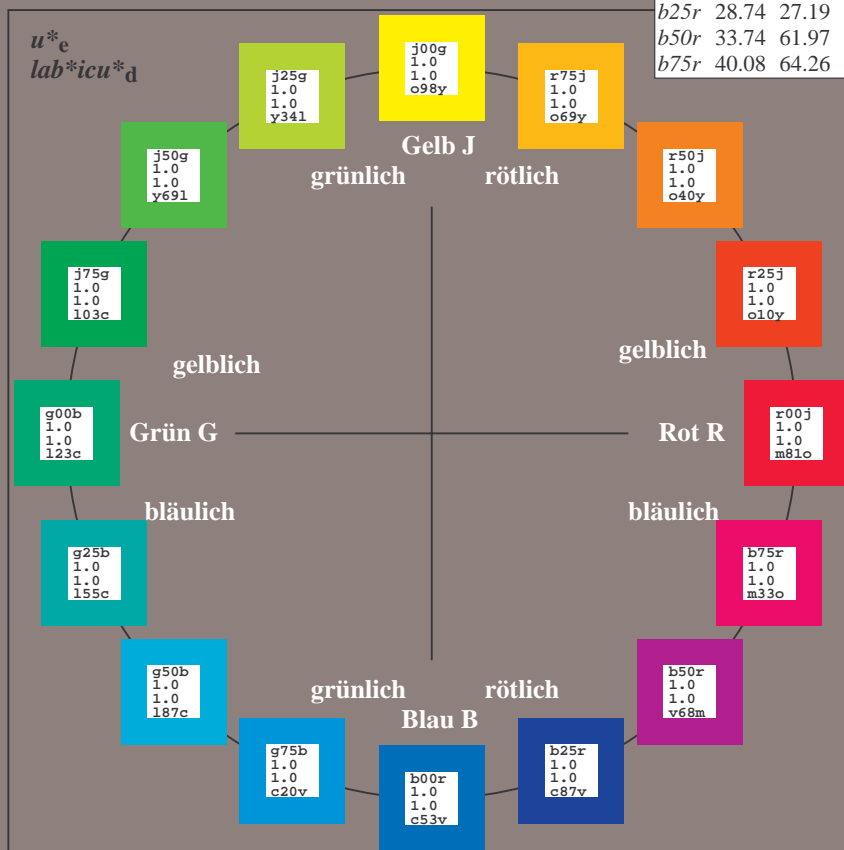
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	39.18	56.94	27.13	63.07	25	$m81o$
$r25j$	42.41	49.1	44.5	66.26	42	$o10y$
$r50j$	52.78	35.22	58.37	68.17	59	$o40y$
$r75j$	64.82	19.12	74.47	76.89	76	$o69y$
$j00g$	82.06	-3.94	97.52	97.6	92	$o98y$
$j25g$	67.26	-26.87	74.67	79.36	110	$y34l$
$j50g$	55.83	-43.45	57.11	71.76	127	$y69l$
$j75g$	47.5	-54.18	38.3	66.35	145	$l03c$
$g00b$	50.07	-44.09	14.13	46.3	162	$l23c$
$g25b$	52.21	-35.66	-6.03	36.17	190	$l55c$
$g50b$	53.9	-29.04	-21.87	36.36	217	$l87c$
$g75b$	49.44	-15.51	-32.31	35.84	244	$c20v$
$b00r$	41.36	1.15	-37.95	37.97	272	$c53v$
$b25r$	28.74	27.19	-46.77	54.1	300	$c87v$
$b50r$	33.74	61.97	-37.81	72.59	329	$v68m$
$b75r$	40.08	64.26	-3.32	64.35	357	$m33o$



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

FRS09\_92aM; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.8	53.92	39.68	66.95	36
$Y_{Ma}$	82.58	-4.64	98.22	98.33	93
$L_{Ma}$	46.95	-56.34	43.46	71.15	142
$C_{Ma}$	54.62	-26.2	-28.68	38.85	228
$V_{Ma}$	20.01	45.2	-52.87	69.56	311
$M_{Ma}$	40.88	70.68	-29.99	76.78	337
$N_{Ma}$	15.0	0.0	0.0	0.0	0
$W_{Ma}$	90.0	0.0	0.0	0.0	0
$R_{CIE}$	39.92	58.74	27.99	65.07	25
$J_{CIE}$	81.26	-2.89	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\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

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

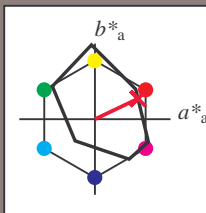
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
W <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
N <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 39 57 27

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 39 63 25

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$\text{lab}^*\text{icu}^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

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

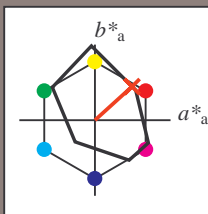
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

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

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

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$lab^*icu^*_d$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

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

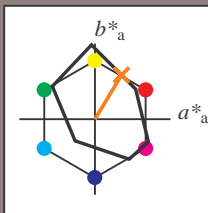
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 53 35 58

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 53 68 58

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$\text{lab}^*\text{icu}^*_d$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

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

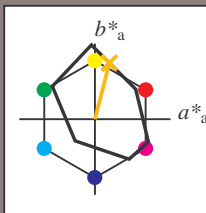
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 65 19 74

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 65 77 75

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{\text{rel}} = 88$

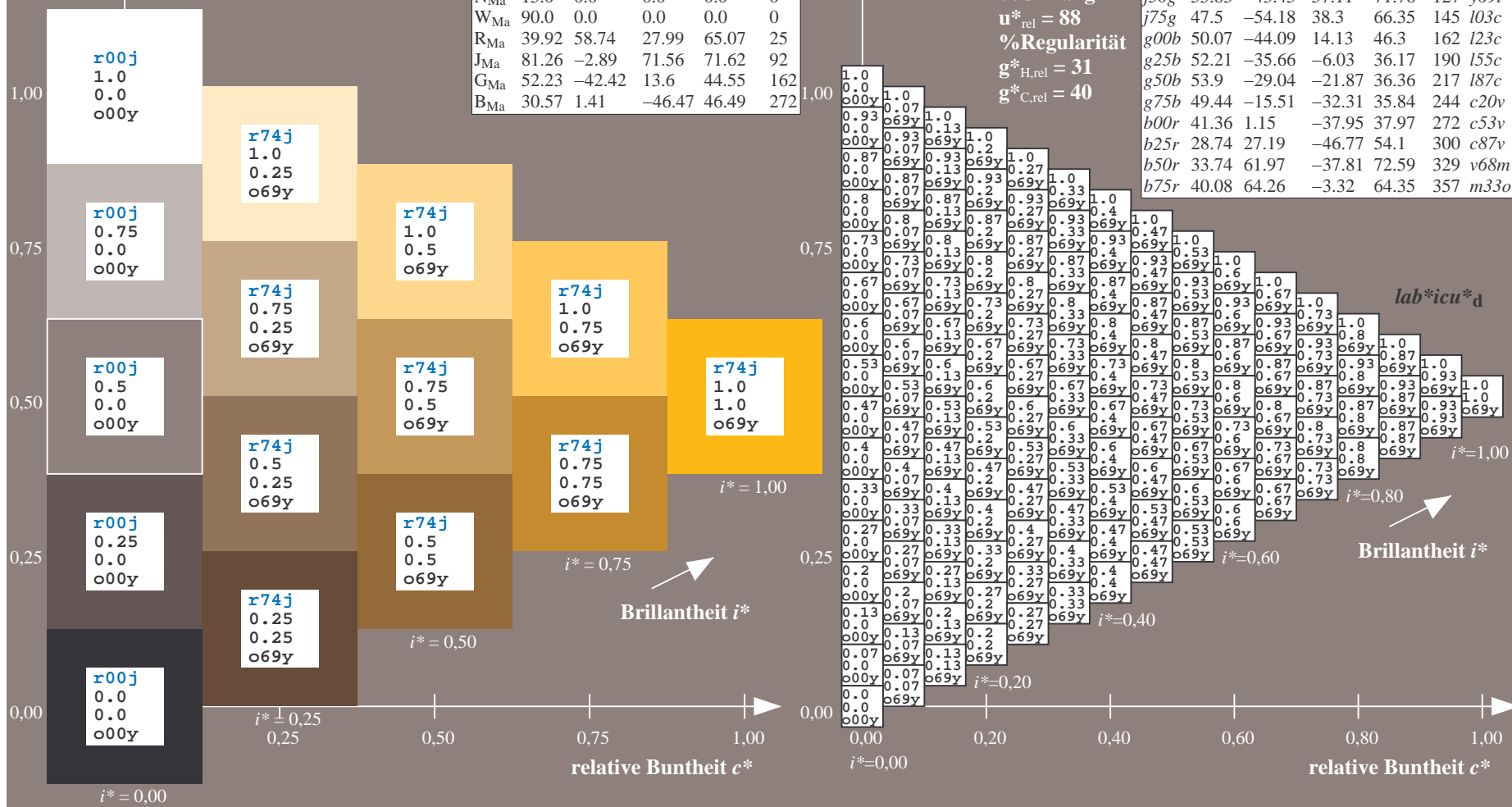
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflexiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

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

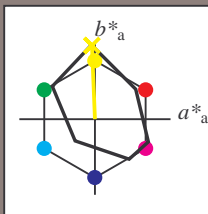
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

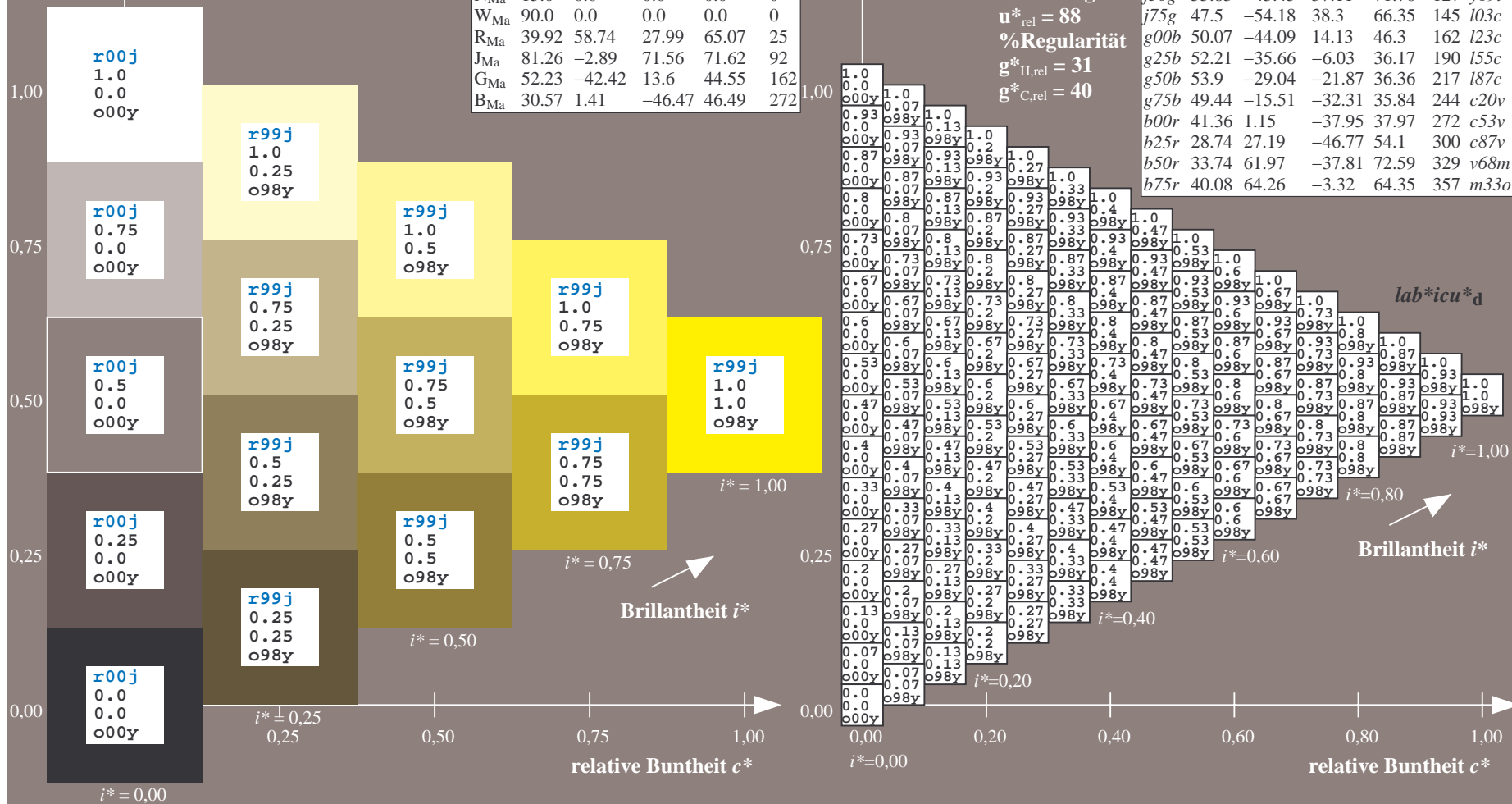
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

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

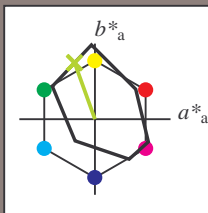
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*icu^*_d$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

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

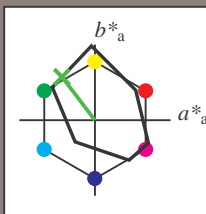
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 56 -43 57

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 56 72 127

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$\text{lab}^*\text{icu}^*_d$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

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

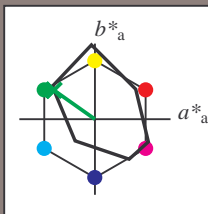
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$lab^*icu^*_d$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

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

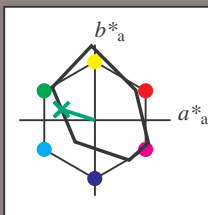
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 50 -44 14

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 50 46 162

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$\text{lab}^*\text{icu}^*_d$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

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

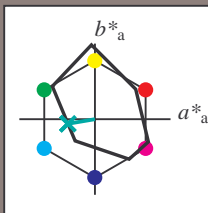
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
W <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
N <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*icu^*_d$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

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

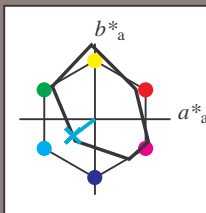
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 54 -29 -22

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 54 36 216

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

$\text{lab}^*\text{olv}^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$\text{lab}^*\text{icu}^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

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

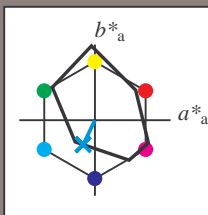
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92aM; adaptierte CIELAB-Daten					
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 49 -16 -32

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 49 36 244

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten					
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	39.18	56.94	27.13	63.07	25
r25j	42.41	49.1	44.5	66.26	42
r50j	52.78	35.22	58.37	68.17	59
r75j	64.82	19.12	74.47	76.89	76
j00g	82.06	-3.94	97.52	97.6	92
j25g	67.26	-26.87	74.67	79.36	110
j50g	55.83	-43.45	57.11	71.76	127
j75g	47.5	-54.18	38.3	66.35	145
g00b	50.07	-44.09	14.13	46.3	162
g25b	52.21	-35.66	-6.03	36.17	190
g50b	53.9	-29.04	-21.87	36.36	217
g75b	49.44	-15.51	-32.31	35.84	244
b00r	41.36	1.15	-37.95	37.97	272
b25r	28.74	27.19	-46.77	54.1	300
b50r	33.74	61.97	-37.81	72.59	329
b75r	40.08	64.26	-3.32	64.35	357

$\text{lab}^*\text{icu}^*_d$

$i^*=1.00$

Brillantheit  $i^*$

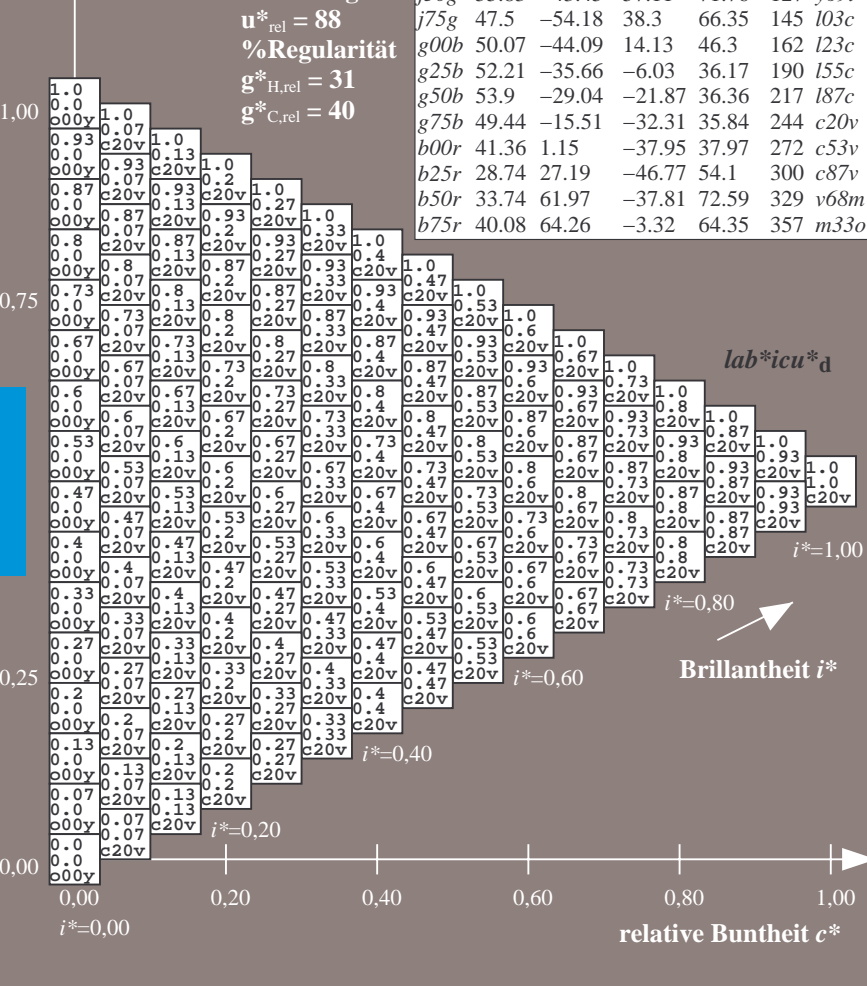
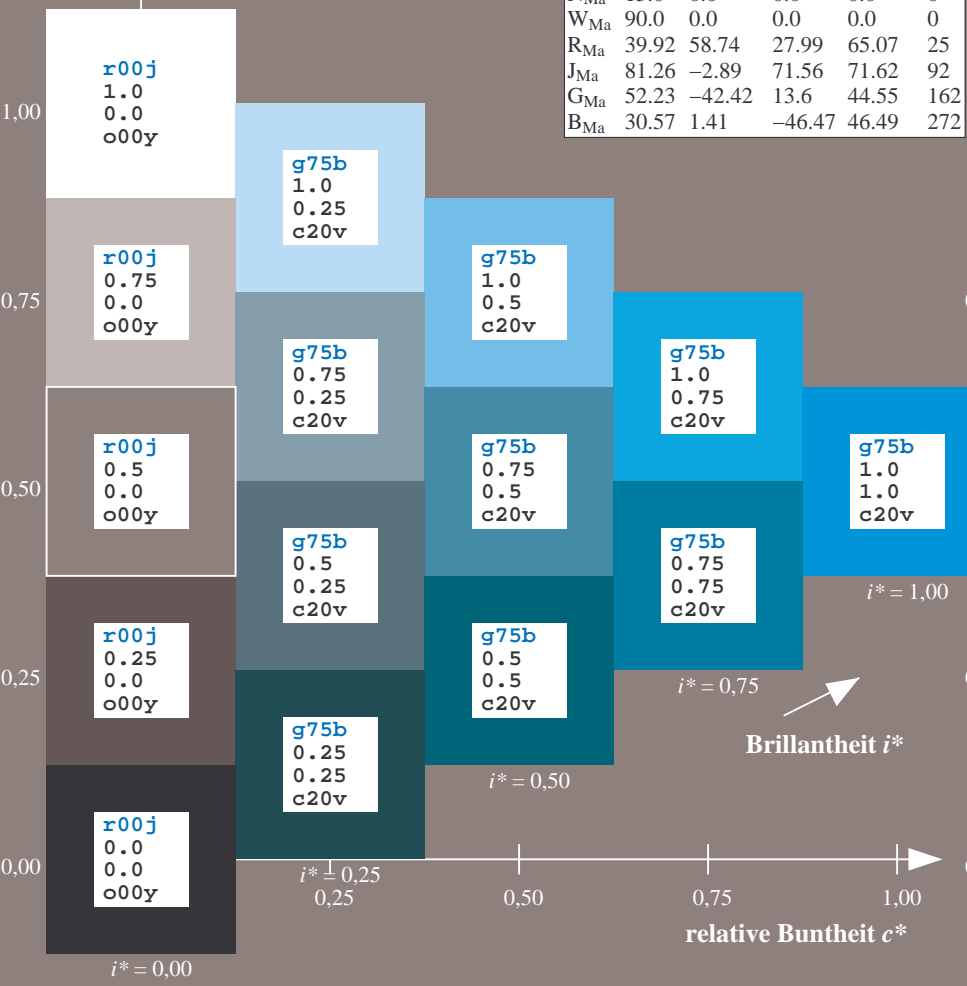
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

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

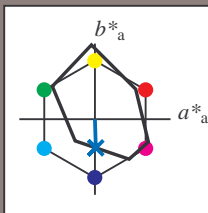
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

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

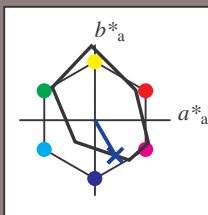
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36	
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93	
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142	
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228	
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311	
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337	
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0	
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 29 27 -47

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 29 54 300

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$\text{lab}^*\text{icu}^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

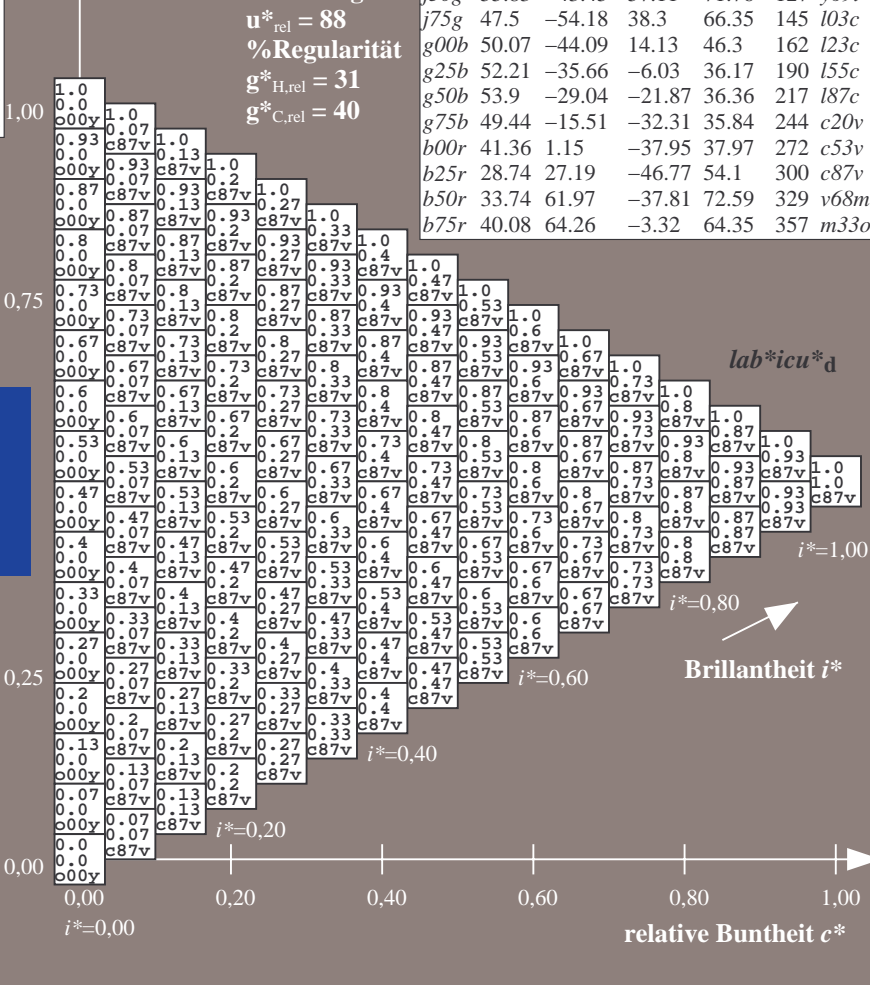
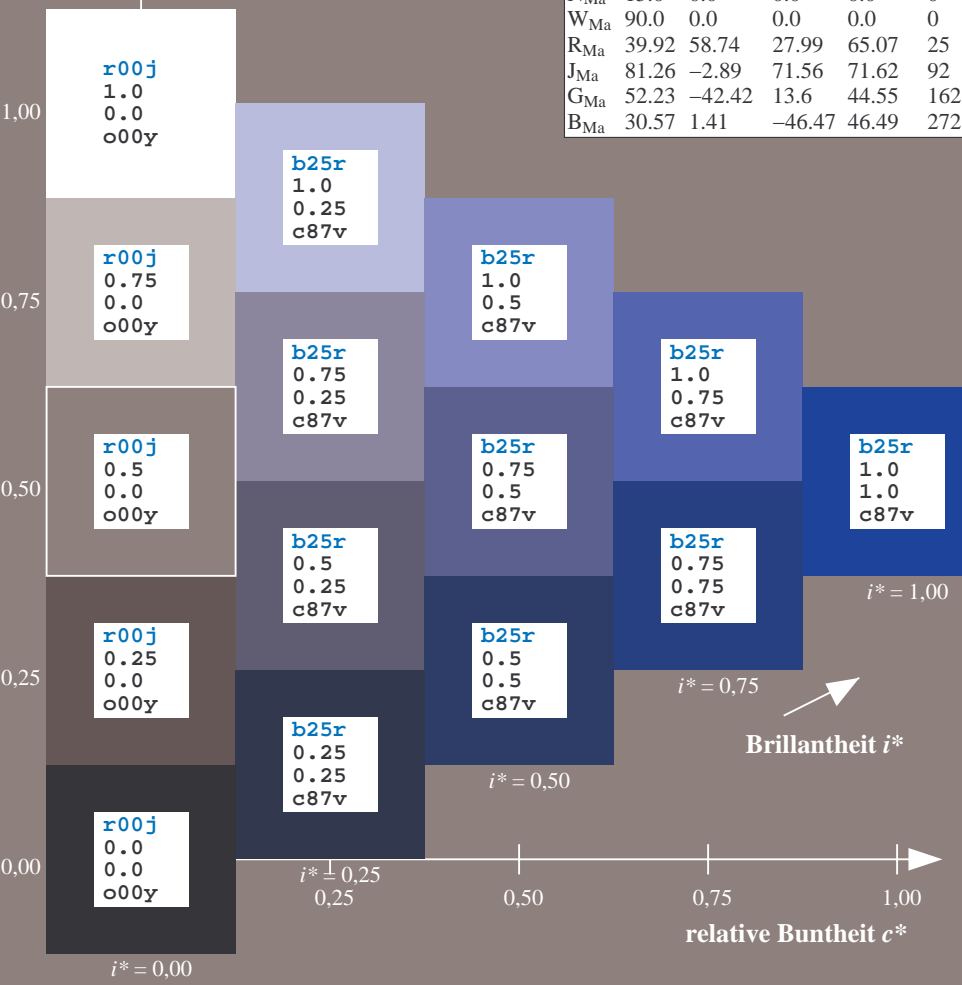
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

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

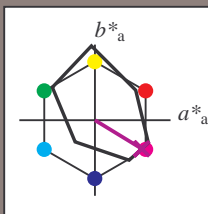
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 34 62 -38

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 34 73 328

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

$\text{lab}^*\text{olv}^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$\text{lab}^*icu^*_d$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

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

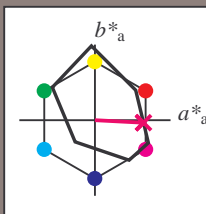
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.8	53.92	39.68	66.95	36
Y <sub>Ma</sub>	82.58	-4.64	98.22	98.33	93
L <sub>Ma</sub>	46.95	-56.34	43.46	71.15	142
C <sub>Ma</sub>	54.62	-26.2	-28.68	38.85	228
V <sub>Ma</sub>	20.01	45.2	-52.87	69.56	311
M <sub>Ma</sub>	40.88	70.68	-29.99	76.78	337
N <sub>Ma</sub>	15.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	90.0	0.0	0.0	0.0	0
R <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
J <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
G <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
B <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 40 64 -3

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 40 64 357

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$\text{lab}^*\text{icu}^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33/>; [www.ps.bam.de/Eg33/10L/L33G00NA.PS/.TXT](http://www.ps.bam.de/Eg33/10L/L33G00NA.PS/.TXT) BAM-Material: Code=thata  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSp=0

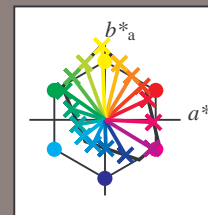
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*icu*d				
0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.13	1.25	1.38	1.5	1.63	0.75	0.88	1.0	1.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	1.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.13	0.25	0.38	0.5	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	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0																								
3.13	1.25	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	0.0																									
3.25	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																									
3.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
3.5	0.63	0.75	0.88	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
3.63	0.75	0.88	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
3.75	0.88	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																									
3.88	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																									
4.0	1.13	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
4.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
4.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
4.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
4.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
4.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
4.75	0.88	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																									
4.88	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																									
5.0	1.13	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
5.13	1.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
5.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
5.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
5.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
5.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																									
5.75	0.88	1.0	0.0	0.0	0.0																																					

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:

$u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

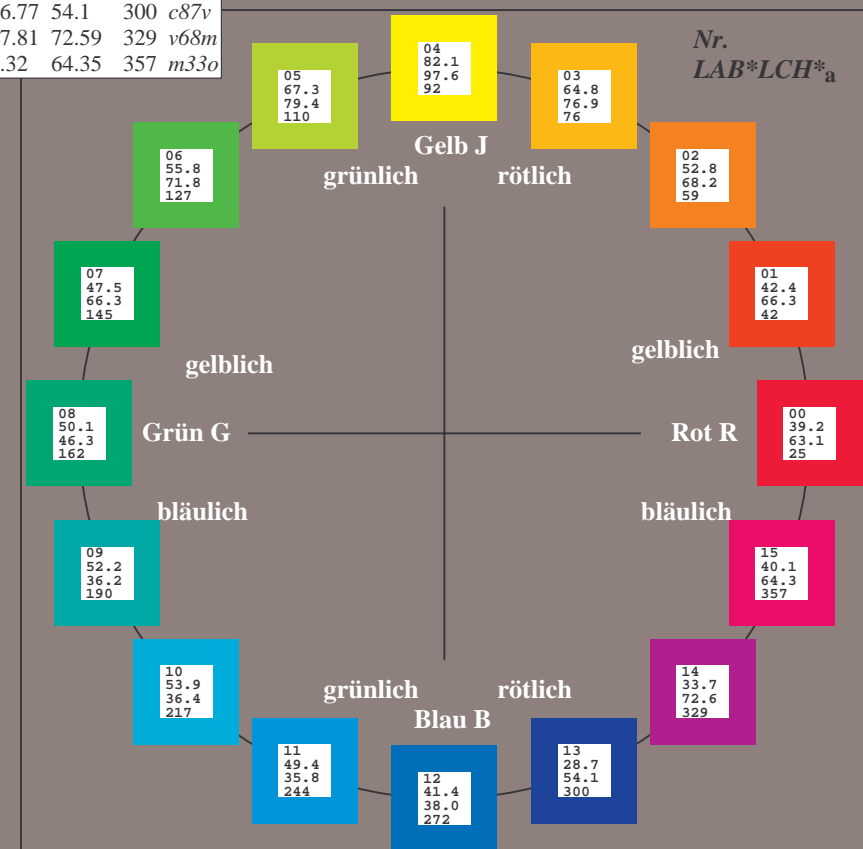
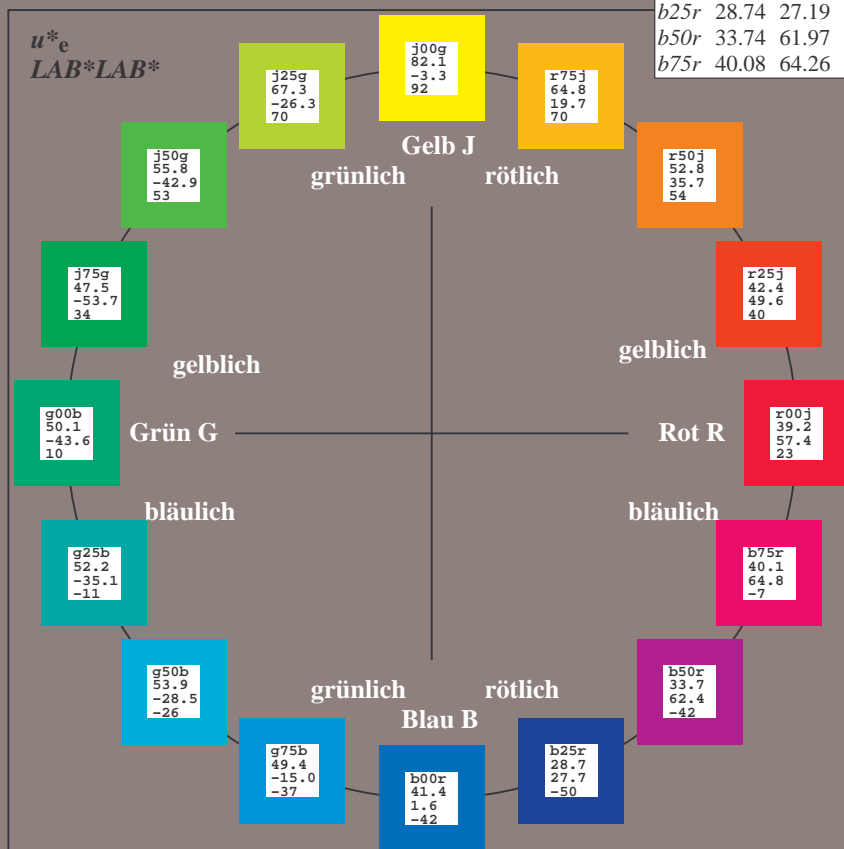
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	39.18	56.94	27.13	63.07	25	$m81o$
$r25j$	42.41	49.1	44.5	66.26	42	$o10y$
$r50j$	52.78	35.22	58.37	68.17	59	$o40y$
$r75j$	64.82	19.12	74.47	76.89	76	$o69y$
$j00g$	82.06	-3.94	97.52	97.6	92	$o98y$
$j25g$	67.26	-26.87	74.67	79.36	110	$y34l$
$j50g$	55.83	-43.45	57.11	71.76	127	$y69l$
$j75g$	47.5	-54.18	38.3	66.35	145	$l03c$
$g00b$	50.07	-44.09	14.13	46.3	162	$l23c$
$g25b$	52.21	-35.66	-6.03	36.17	190	$l55c$
$g50b$	53.9	-29.04	-21.87	36.36	217	$l87c$
$g75b$	49.44	-15.51	-32.31	35.84	244	$c20v$
$b00r$	41.36	1.15	-37.95	37.97	272	$c53v$
$b25r$	28.74	27.19	-46.77	54.1	300	$c87v$
$b50r$	33.74	61.97	-37.81	72.59	329	$v68m$
$b75r$	40.08	64.26	-3.32	64.35	357	$m33o$



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

FRS09\_92M; CIELAB-Daten

Name	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
$O_M$	38.8	54.41	35.65	65.05	33
$Y_M$	82.58	-4.04	92.72	92.8	92
$L_M$	46.95	-55.83	39.15	68.19	145
$C_M$	54.62	-25.67	-33.25	42.01	232
$V_M$	20.01	45.64	-56.27	72.45	309
$M_M$	40.88	71.17	-34.09	78.92	334
$N_M$	15.0	0.43	-3.23	3.26	278
$W_M$	90.0	0.62	-5.76	5.79	276
$R_{CIE}$	39.92	58.74	27.99	65.07	25
$J_{CIE}$	81.26	-2.89	71.56	71.62	92
$G_{CIE}$	52.23	-42.42	13.6	44.55	162
$B_{CIE}$	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

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

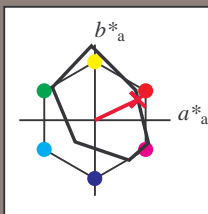
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 57 27

$LAB^*LCH^*Ma$ : 39 63 25

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

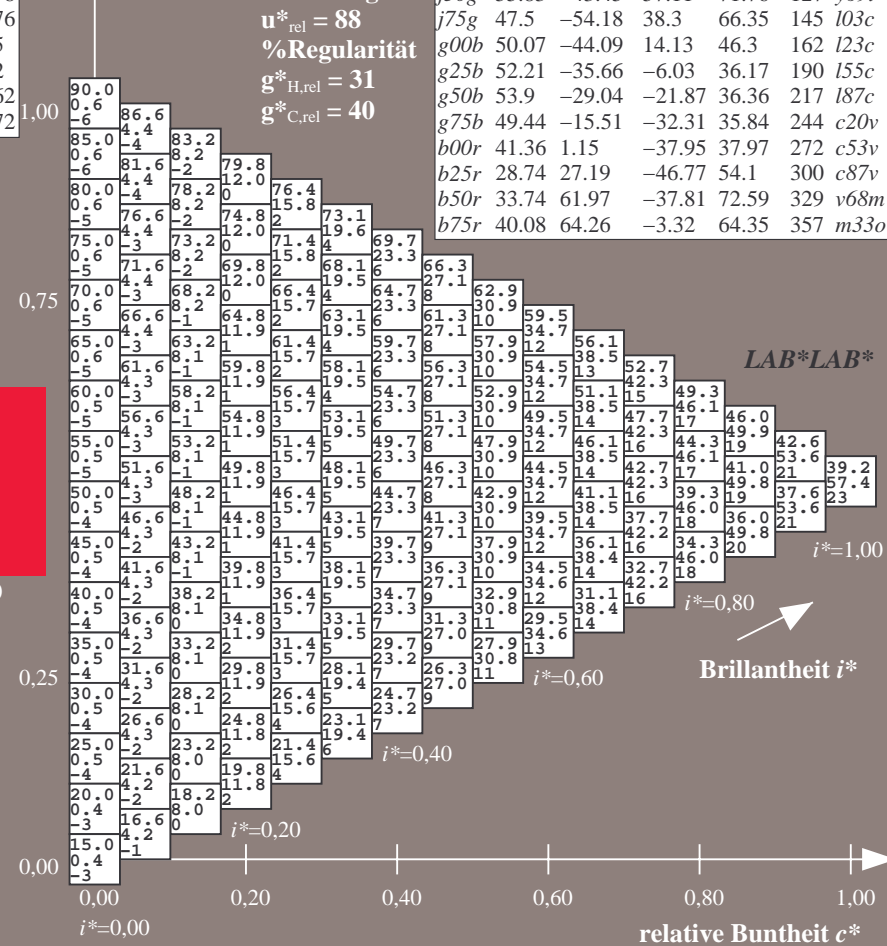
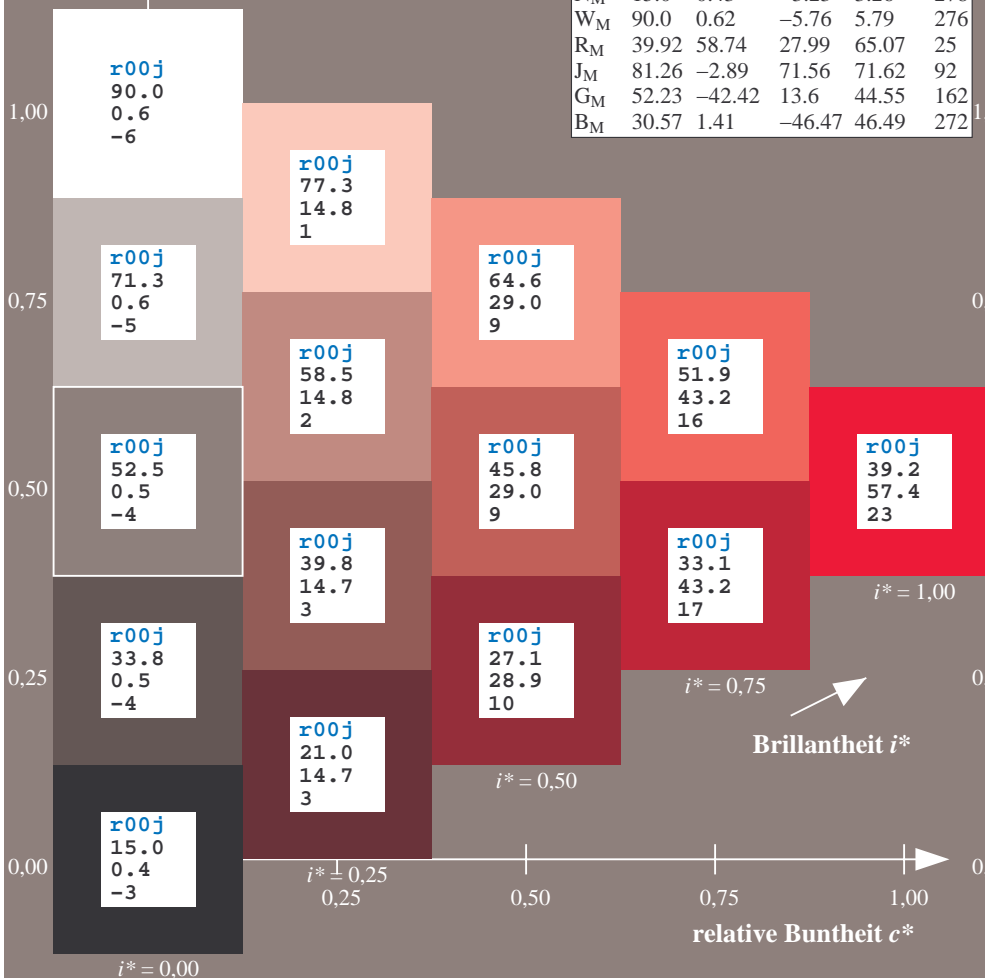
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

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

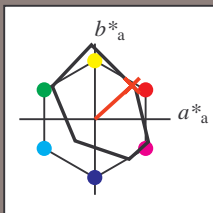
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*Ma$ : 42 49 44

$LAB^*LCH^*Ma$ : 42 66 42

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

$lab^*olv^*Ma$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$LAB^*LAB^*$

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

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

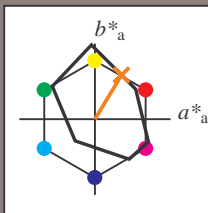
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$LAB^*LAB^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

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

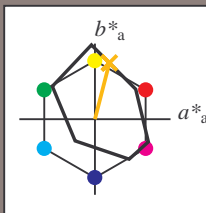
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$LAB^*LAB^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

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

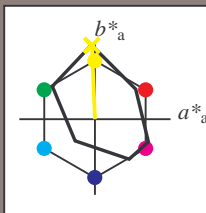
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92M; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	38.8	54.41	35.65	65.05	33
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*Ma$ : 82 -4 98

$LAB^*LCH^*Ma$ : 82 98 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$LAB^*LAB^*$

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

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

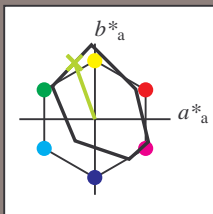
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

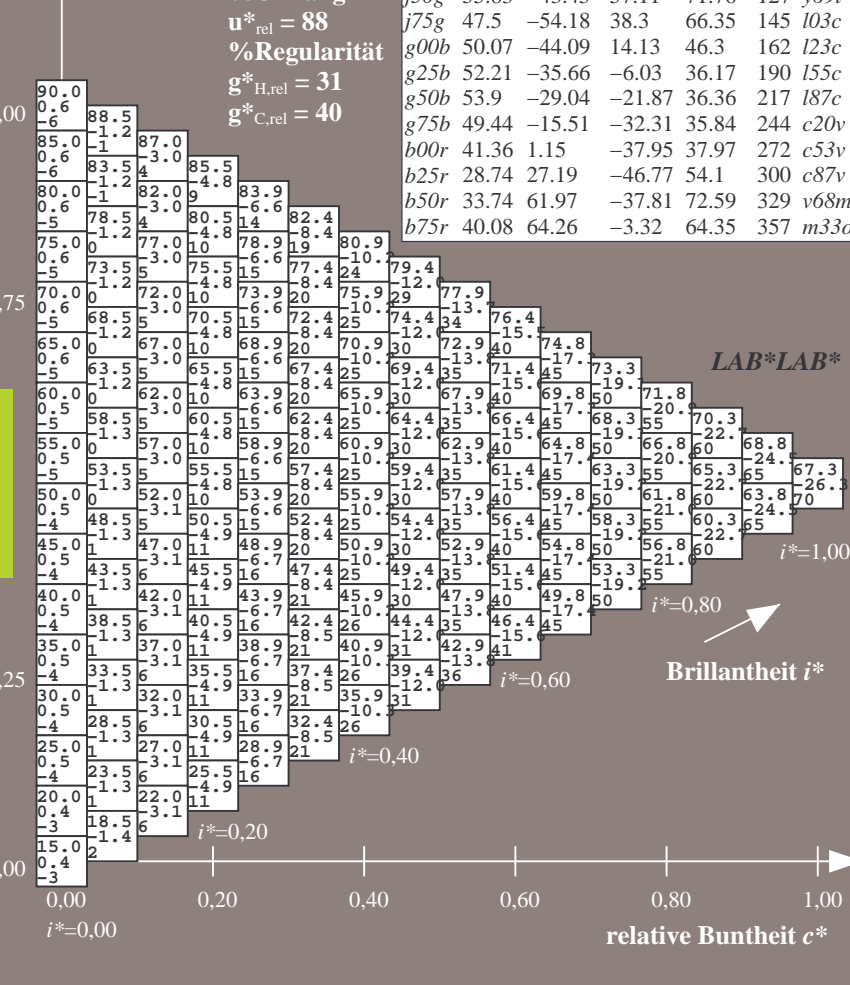
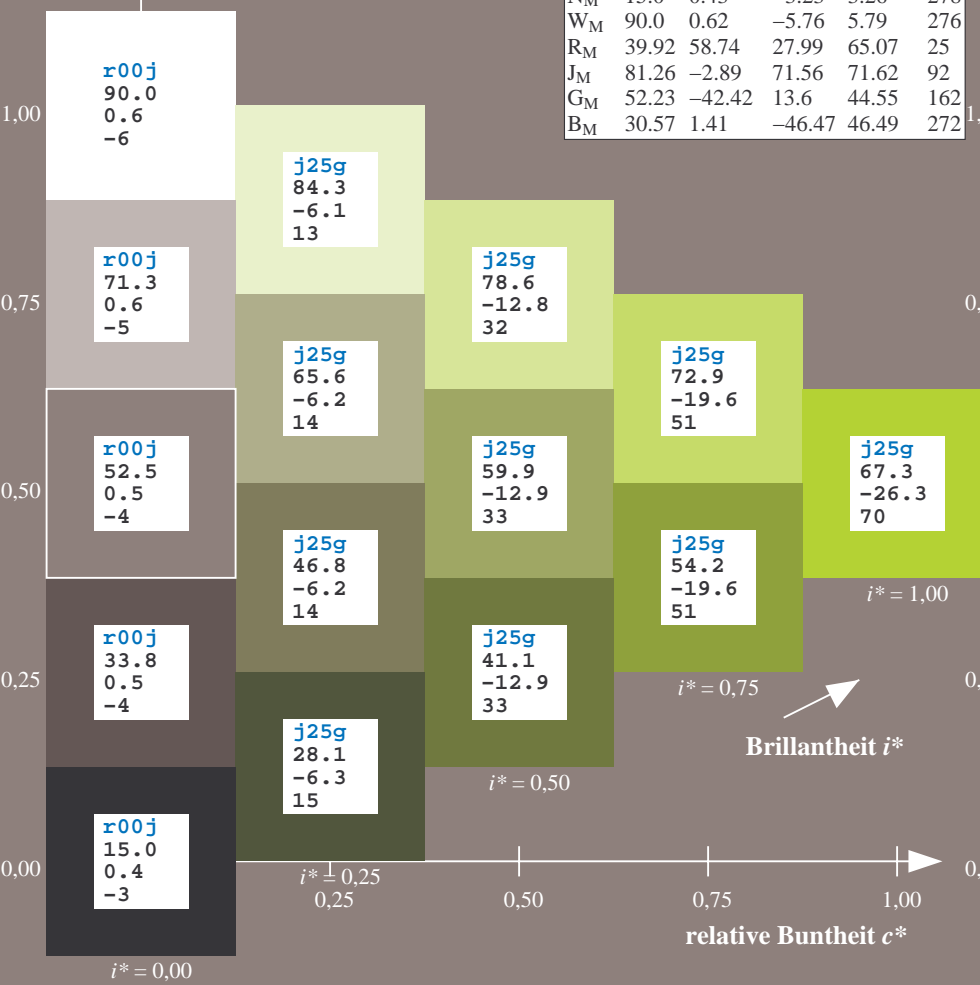
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$

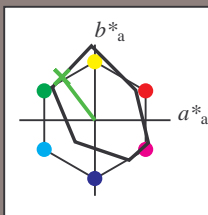
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*Ma: 56 -43 57$

$LAB^*LCH^*Ma: 56 72 127$

$lab^*rgb^*Ma: 0.5 1.0 0.0$

$lab^*olv^*Ma: 0.3 1.0 0.0$

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*LAB^*$

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

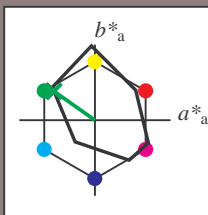
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

$lab^*rgb^*_{Ma}$ : 0.25 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

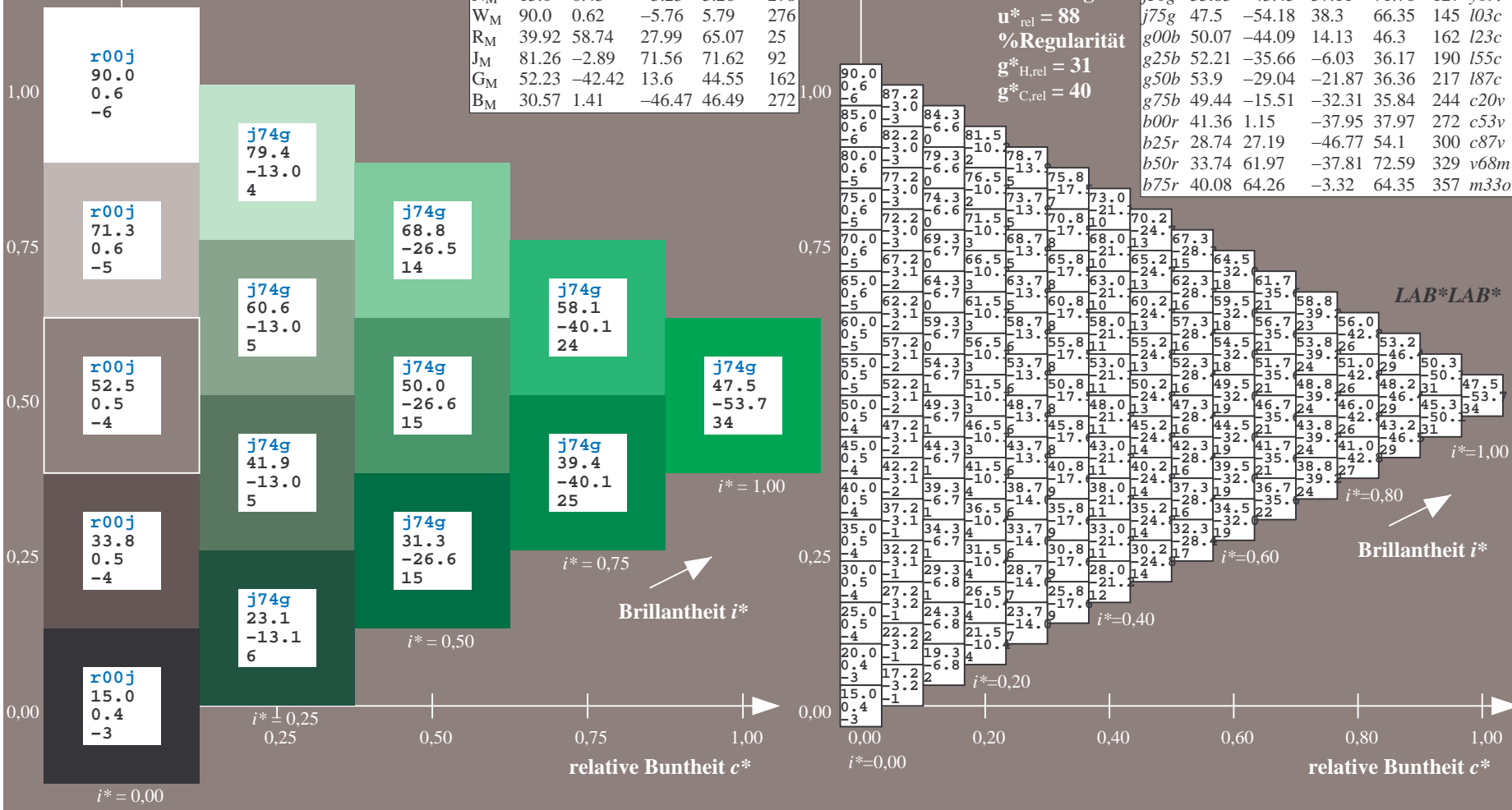
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

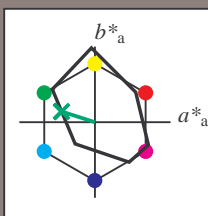
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $i^*$

%Umfang

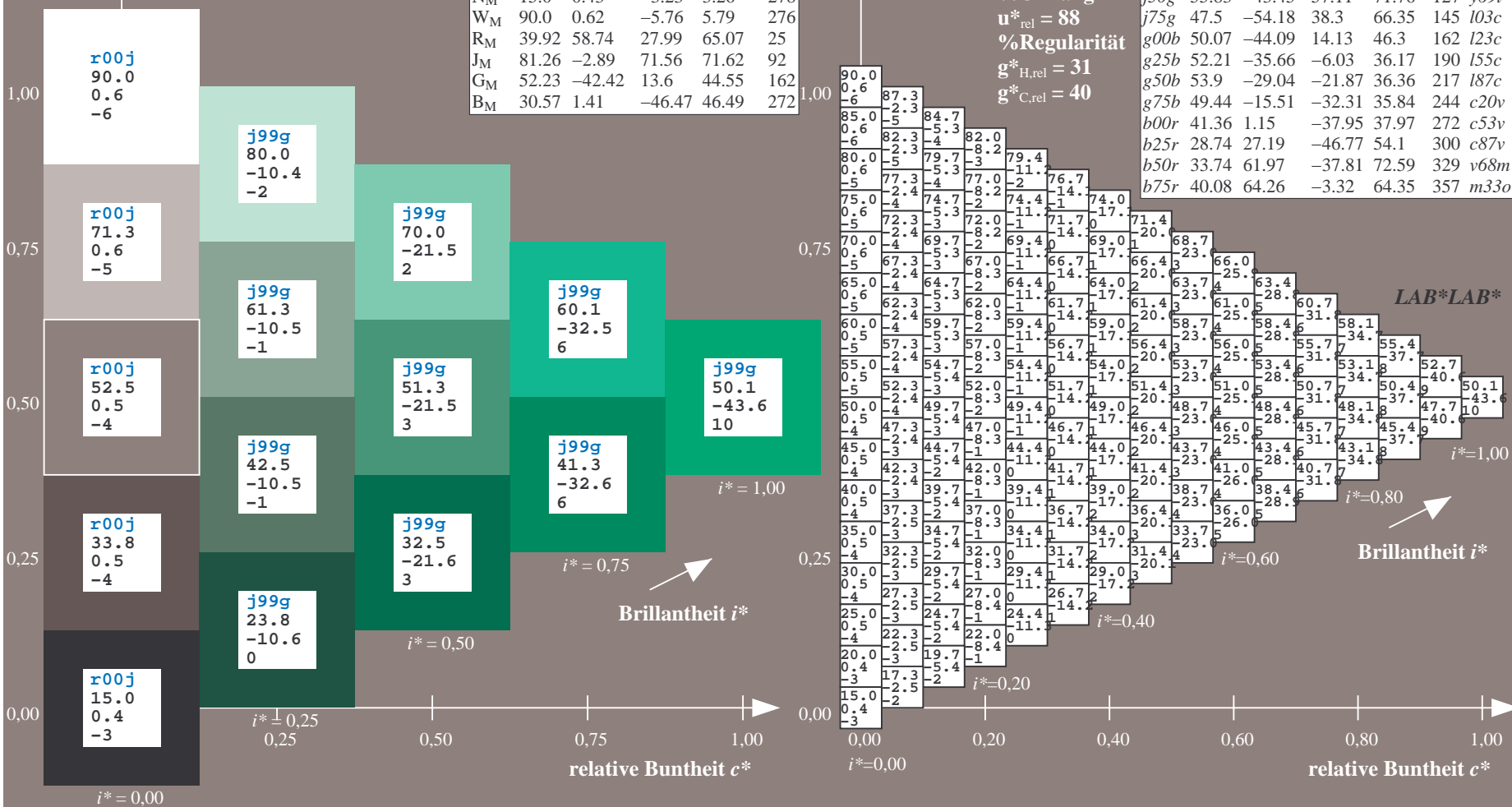
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

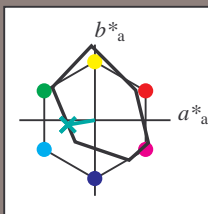
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

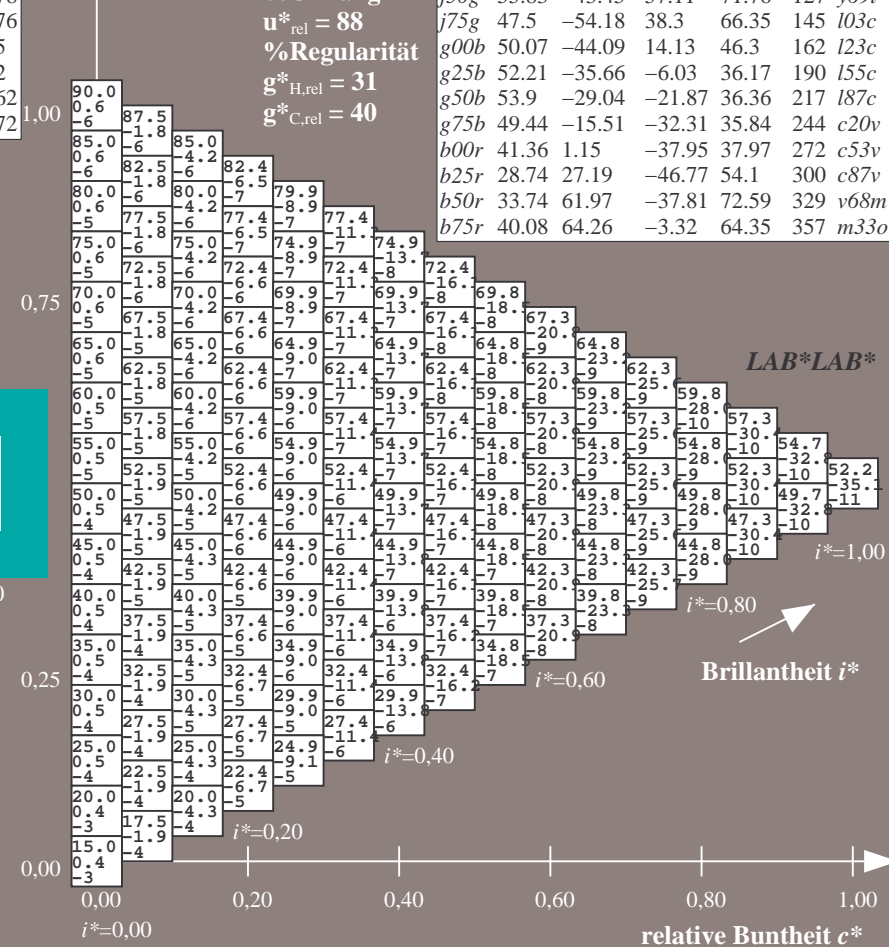
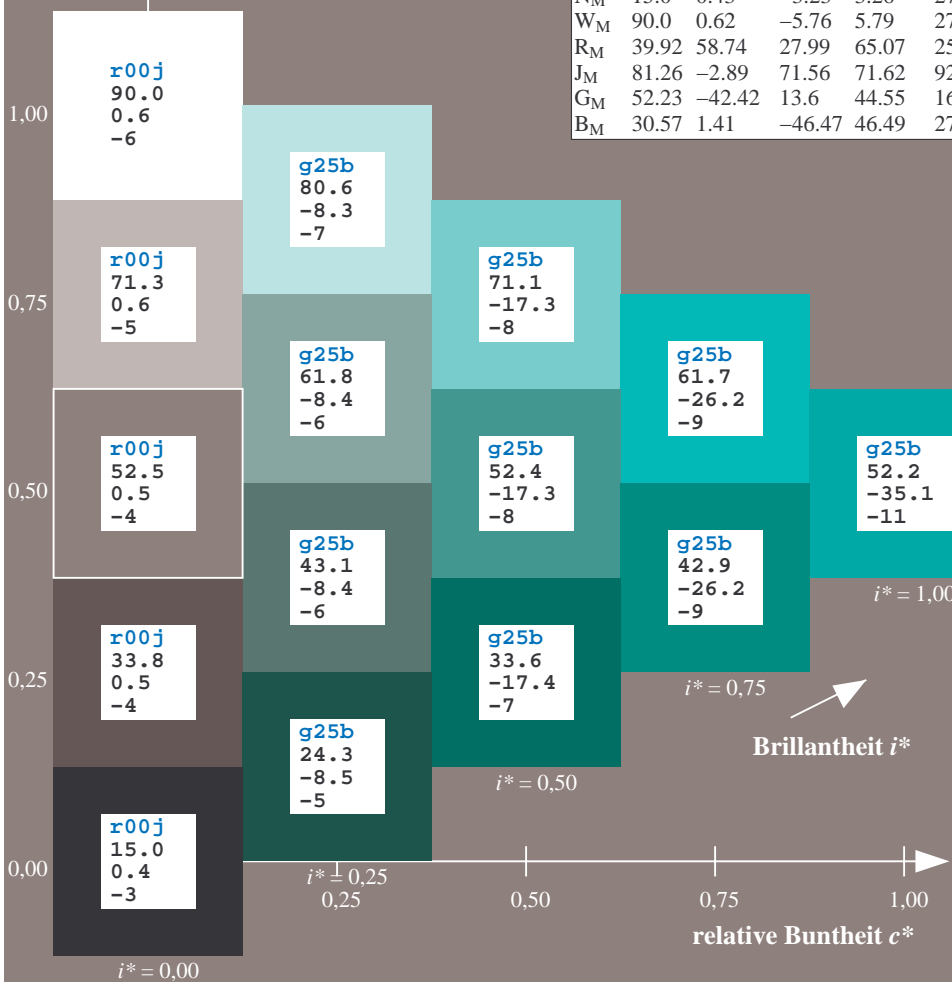
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

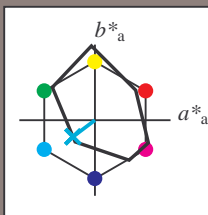
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

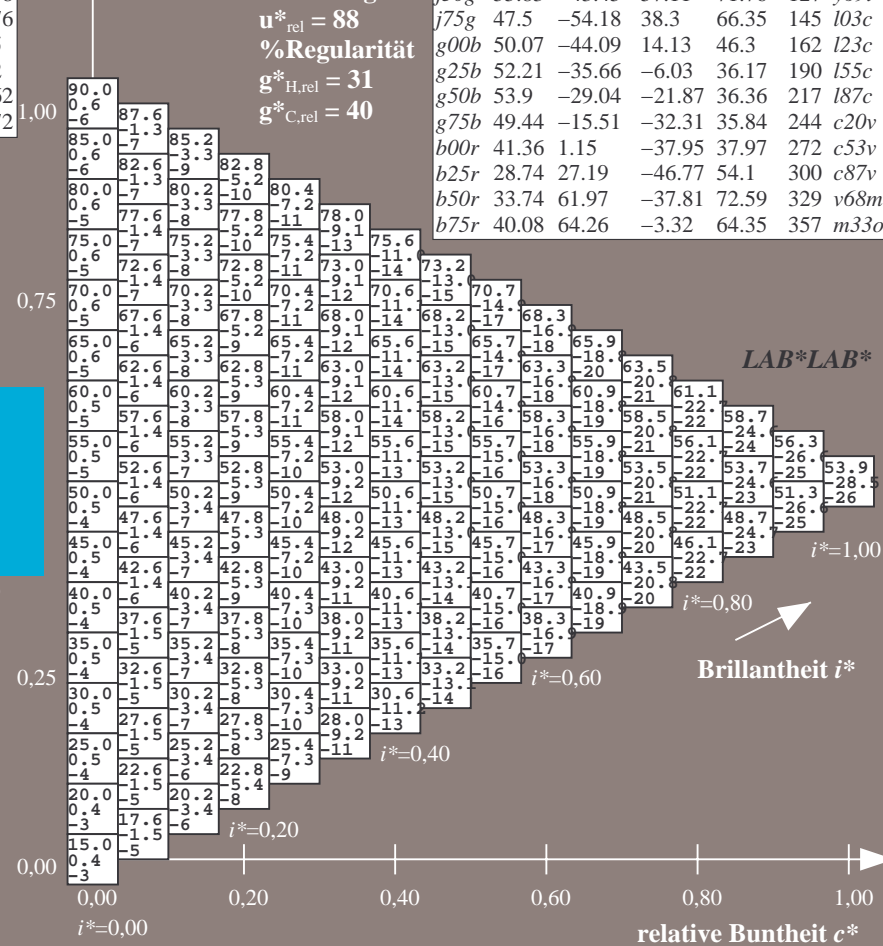
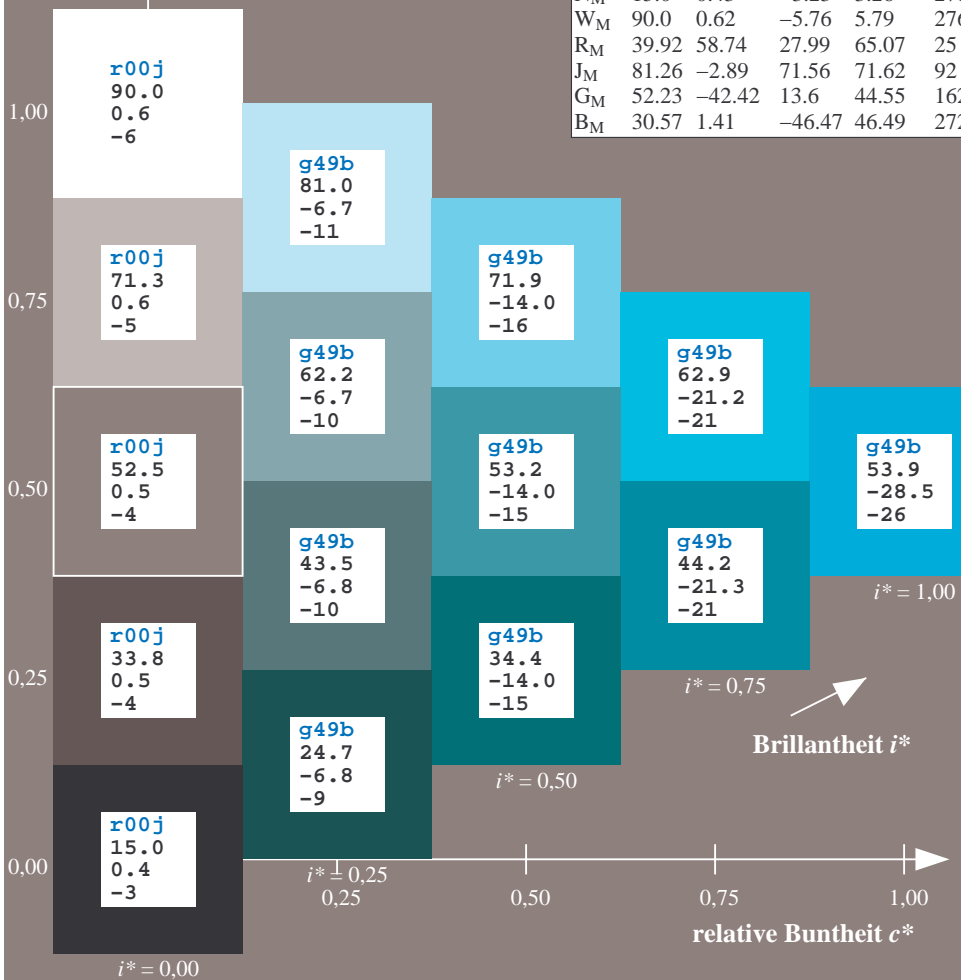
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

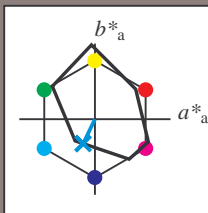
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*Ma$ : 49 -16 -32

$LAB^*LCH^*Ma$ : 49 36 244

$lab^*rgb^*Ma$ : 0.0 0.5 1.0

$lab^*olv^*Ma$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

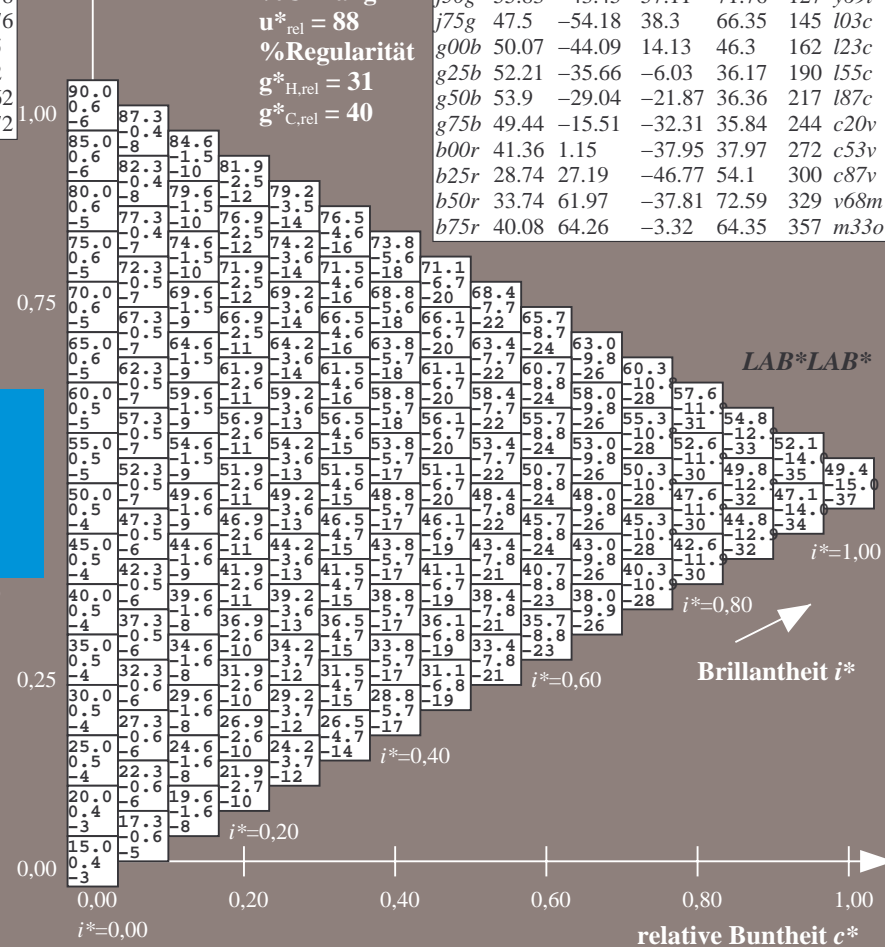
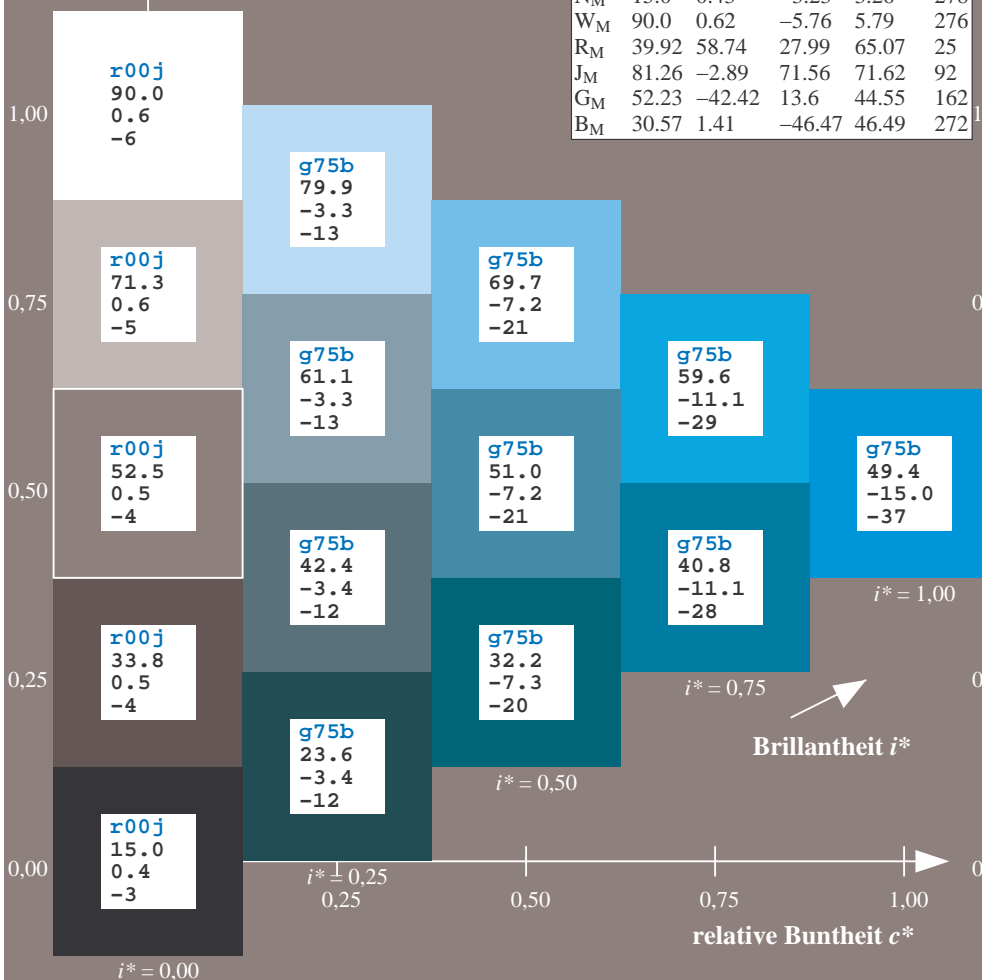
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

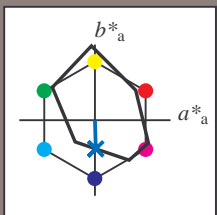
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

$lab^*rgb^*_{Ma}$ : 0.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

$i^*=0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

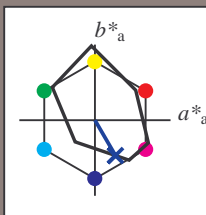
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*Ma$ : 29 27 -47

$LAB^*LCH^*Ma$ : 29 54 300

$lab^*rgb^*Ma$ : 0.5 0.0 1.0

$lab^*olv^*Ma$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

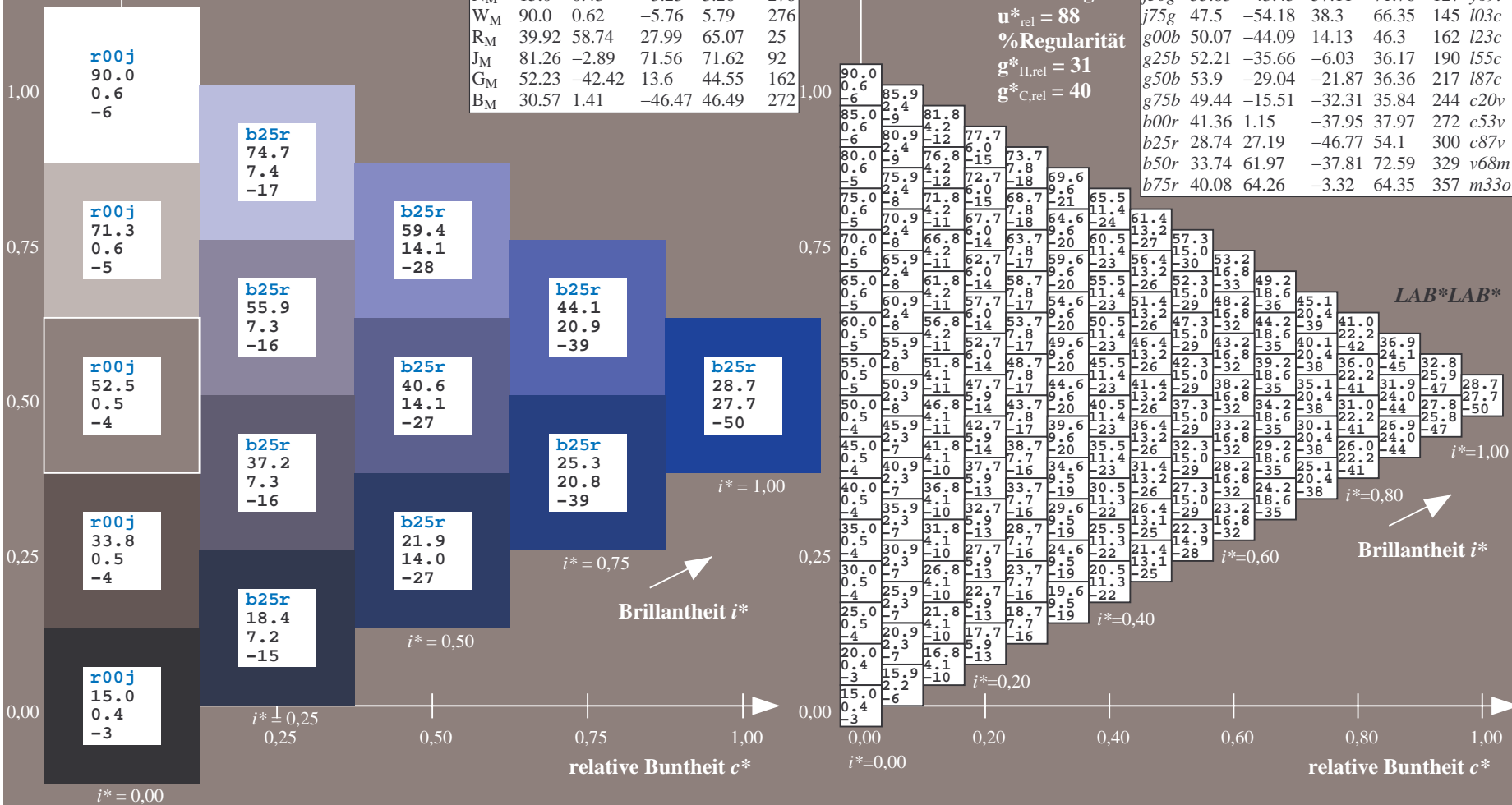
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

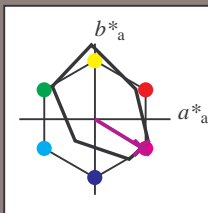
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

$lab^*rgb^*_{Ma}$ : 1.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

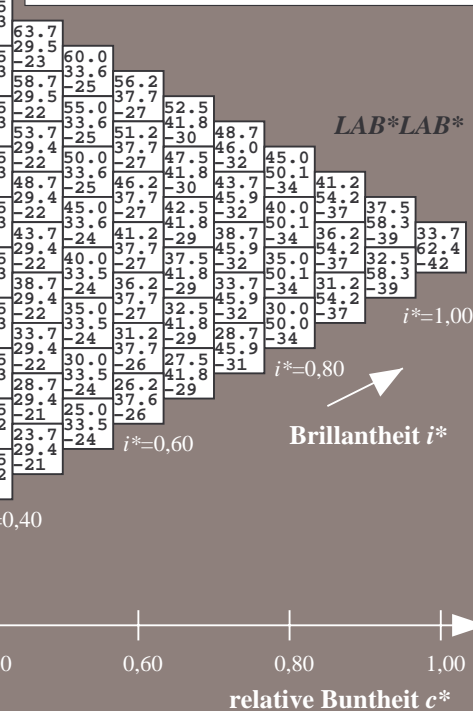
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

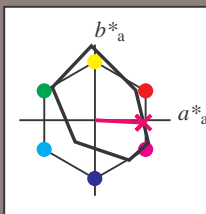
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.5

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.66

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

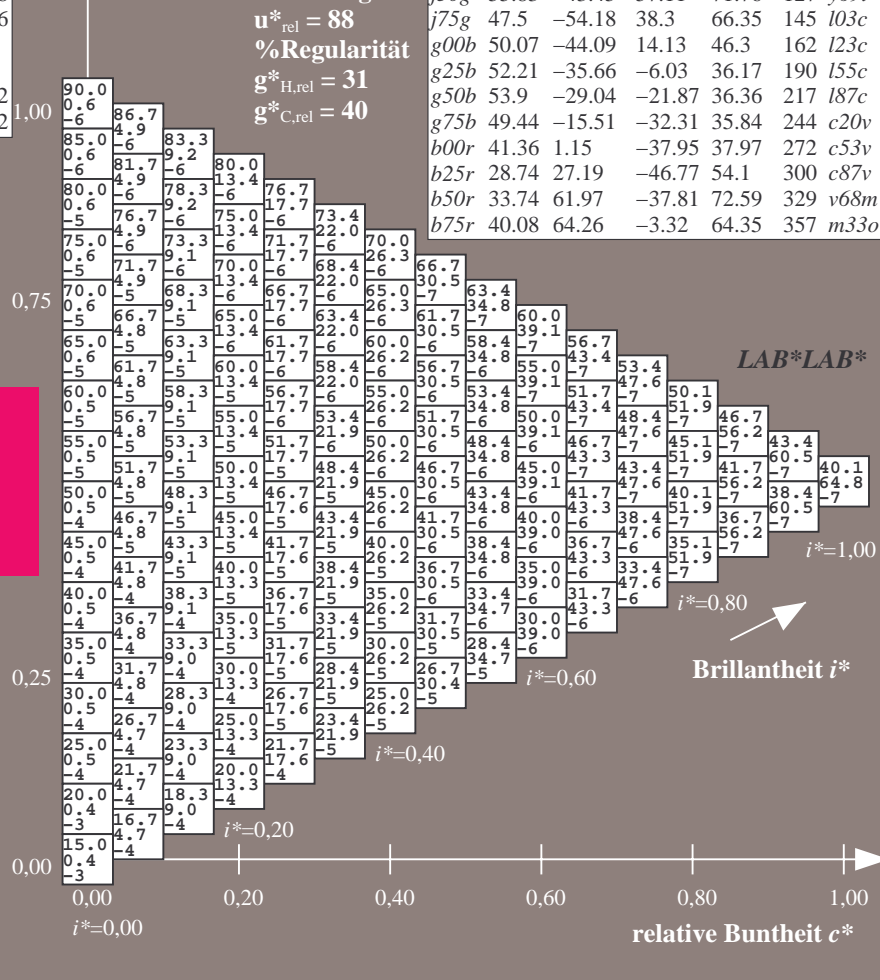
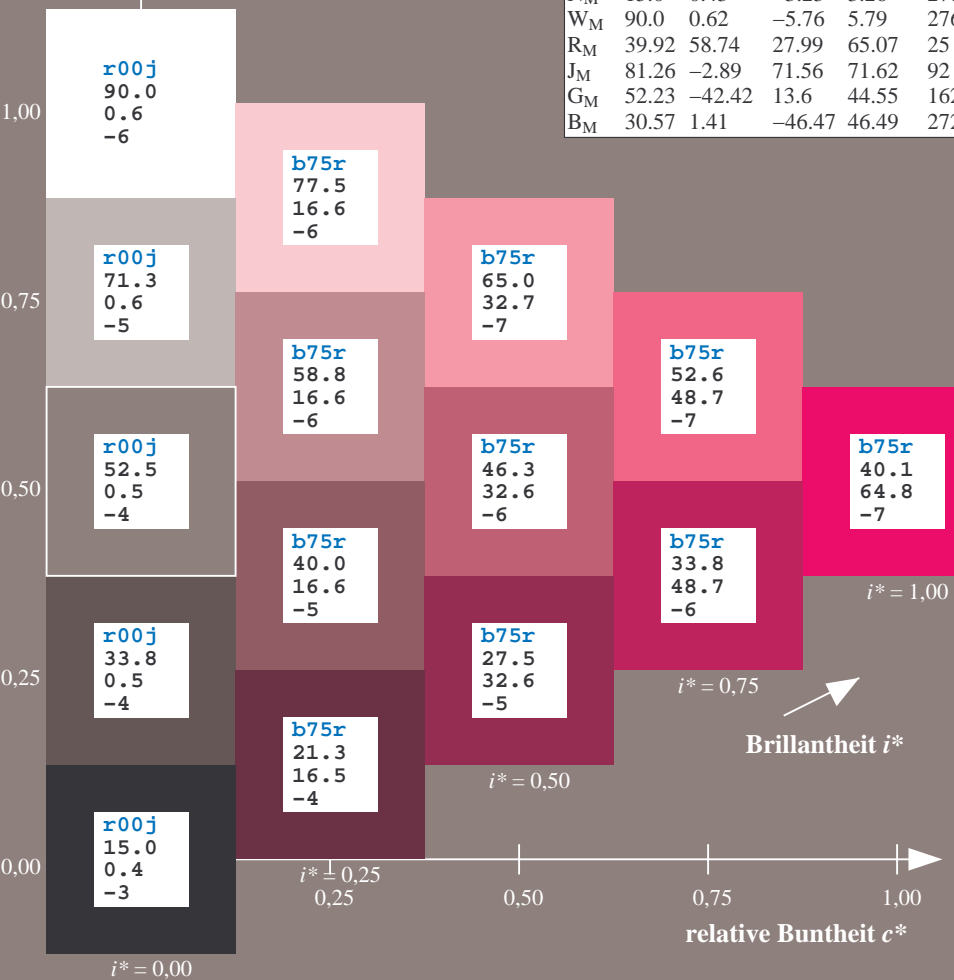
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33/>; [www.ps.bam.de/Eg33/](http://www.ps.bam.de/Eg33/)  
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*LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
01	15.0	19.0	23.0	27.0	31.0	35.0	39.0	43.0	47.0	51.0	55.0	59.0	63.0	67.0	71.0	75.0	79.0	83.0	87.0	91.0	95.0	99.0	103.0	107.0	111.0	115.0	119.0	123.0	127.0	131.0	135.0	139.0	143.0	147.0	151.0	155.0	159.0	163.0	167.0	171.0	175.0	179.0	183.0	187.0	191.0	195.0	199.0	203.0	207.0	211.0	215.0	219.0	223.0	227.0	231.0	235.0	239.0	243.0	247.0	251.0	255.0	259.0	263.0	267.0	271.0	275.0	279.0	283.0	287.0	291.0	295.0	299.0	303.0	307.0	311.0	315.0	319.0	323.0	327.0	331.0	335.0	339.0	343.0	347.0	351.0	355.0	359.0	363.0	367.0	371.0	375.0	379.0	383.0	387.0	391.0	395.0	399.0	403.0	407.0	411.0	415.0	419.0	423.0	427.0	431.0	435.0	439.0	443.0	447.0	451.0	455.0	459.0	463.0	467.0	471.0	475.0	479.0	483.0	487.0	491.0	495.0	499.0	503.0	507.0	511.0	515.0	519.0	523.0	527.0	531.0	535.0	539.0	543.0	547.0	551.0	555.0	559.0	563.0	567.0	571.0	575.0	579.0	583.0	587.0	591.0	595.0	599.0	603.0	607.0	611.0	615.0	619.0	623.0	627.0	631.0	635.0	639.0	643.0	647.0	651.0	655.0	659.0	663.0	667.0	671.0	675.0	679.0	683.0	687.0	691.0	695.0	699.0	703.0	707.0	711.0	715.0	719.0	723.0	727.0	731.0	735.0	739.0	743.0	747.0	751.0	755.0	759.0	763.0	767.0	771.0	775.0	779.0	783.0	787.0	791.0	795.0	799.0	803.0	807.0	811.0	815.0	819.0	823.0	827.0	831.0	835.0	839.0	843.0	847.0	851.0	855.0	859.0	863.0	867.0	871.0	875.0	879.0	883.0	887.0	891.0	895.0	899.0	903.0	907.0	911.0	915.0	919.0	923.0	927.0	931.0	935.0	939.0	943.0	947.0	951.0	955.0	959.0	963.0	967.0	971.0	975.0	979.0	983.0	987.0	991.0	995.0	999.0	1003.0	1007.0	1011.0	1015.0	1019.0	1023.0	1027.0	1031.0	1035.0	1039.0	1043.0	1047.0	1051.0	1055.0	1059.0	1063.0	1067.0	1071.0	1075.0	1079.0	1083.0	1087.0	1091.0	1095.0	1099.0	1103.0	1107.0	1111.0	1115.0	1119.0	1123.0	1127.0	1131.0	1135.0	1139.0	1143.0	1147.0	1151.0	1155.0	1159.0	1163.0	1167.0	1171.0	1175.0	1179.0	1183.0	1187.0	1191.0	1195.0	1199.0	1203.0	1207.0	1211.0	1215.0	1219.0	1223.0	1227.0	1231.0	1235.0	1239.0	1243.0	1247.0	1251.0	1255.0	1259.0	1263.0	1267.0	1271.0	1275.0	1279.0	1283.0	1287.0	1291.0	1295.0	1299.0	1303.0	1307.0	1311.0	1315.0	1319.0	1323.0	1327.0	1331.0	1335.0	1339.0	1343.0	1347.0	1351.0	1355.0	1359.0	1363.0	1367.0	1371.0	1375.0	1379.0	1383.0	1387.0	1391.0	1395.0	1399.0	1403.0	1407.0	1411.0	1415.0	1419.0	1423.0	1427.0	1431.0	1435.0	1439.0	1443.0	1447.0	1451.0	1455.0	1459.0	1463.0	1467.0	1471.0	1475.0	1479.0	1483.0	1487.0	1491.0	1495.0	1499.0	1503.0	1507.0	1511.0	1515.0	1519.0	1523.0	1527.0	1531.0	1535.0	1539.0	1543.0	1547.0	1551.0	1555.0	1559.0	1563.0	1567.0	1571.0	1575.0	1579.0	1583.0	1587.0	1591.0	1595.0	1599.0	1603.0	1607.0	1611.0	1615.0	1619.0	1623.0	1627.0	1631.0	1635.0	1639.0	1643.0	1647.0	1651.0	1655.0	1659.0	1663.0	1667.0	1671.0	1675.0	1679.0	1683.0	1687.0	1691.0	1695.0	1699.0	1703.0	1707.0	1711.0	1715.0	1719.0	1723.0	1727.0	1731.0	1735.0	1739.0	1743.0	1747.0	1751.0	1755.0	1759.0	1763.0	1767.0	1771.0	1775.0	1779.0	1783.0	1787.0	1791.0	1795.0	1799.0	1803.0	1807.0	1811.0	1815.0	1819.0	1823.0	1827.0	1831.0	1835.0	1839.0	1843.0	1847.0	1851.0	1855.0	1859.0	1863.0	1867.0	1871.0	1875.0	1879.0	1883.0	1887.0	1891.0	1895.0	1899.0	1903.0	1907.0	1911.0	1915.0	1919.0	1923.0	1927.0	1931.0	1935.0	1939.0	1943.0	1947.0	1951.0	1955.0	1959.0	1963.0	1967.0	1971.0	1975.0	1979.0	1983.0	1987.0	1991.0	1995.0	1999.0	2003.0	2007.0	2011.0	2015.0	2019.0	2023.0	2027.0	2031.0	2035.0	2039.0	2043.0	2047.0	2051.0	2055.0	2059.0	2063.0	2067.0	2071.0	2075.0	2079.0	2083.0	2087.0	2091.0	2095.0	2099.0	2103.0	2107.0	2111.0	2115.0	2119.0	2123.0	2127.0	2131.0	2135.0	2139.0	2143.0	2147.0	2151.0	2155.0	2159.0	2163.0	2167.0	2171.0	2175.0	2179.0	2183.0	2187.0	2191.0	2195.0	2199.0	2203.0	2207.0	2211.0	2215.0	2219.0	2223.0	2227.0	2231.0	2235.0	2239.0	2243.0	2247.0	2251.0	2255.0	2259.0	2263.0	2267.0	2271.0	2275.0	2279.0	2283.0	2287.0	2291.0	2295.0	2299.0	2303.0	2307.0	2311.0	2315.0	2319.0	2323.0	2327.0	2331.0	2335.0	2339.0	2343.0	2347.0	2351.0	2355.0	2359.0	2363.0	2367.0	2371.0	2375.0	2379.0	2383.0	2387.0	2391.0	2395.0	2399.0	2403.0	2407.0	2411.0	2415.0	2419.0	2423.0	2427.0	2431.0	2435.0	2439.0	2443.0	2447.0	2451.0	2455.0	2459.0	2463.0	2467.0	2471.0	2475.0	2479.0	2483.0	2487.0	2491.0	2495.0	2499.0	2503.0	2507.0	2511.0	2515.0	2519.0	2523.0	2527.0	2531.0	2535.0	2539.0	2543.0	2547.0	2551.0	2555.0	2559.0	2563.0	2567.0	2571.0	2575.0	2579.0	2583.0	2587.0	2591.0	2595.0	2599.0	2603.0	2607.0	2611.0	2615.0	2619.0	2623.0	2627.0	2631.0	2635.0	2639.0	2643.0	2647.0	2651.0	2655.0	2659.0	2663.0	2667.0	2671.0	2675.0	2679.0	2683.0	2687.0	2691.0	2695.0	2699.0	2703.0	2707.0	2711.0	2715.0	2719.0	2723.0	2727.0	2731.0	2735.0	2739.0	2743.0	2747.0	2751.0	2755.0	2759.0	2763.0	2767.0	2771.0	2775.0	2779.0	2783.0	2787.0	2791.0	2795.0	2799.0	2803.0	2807.0	2811.0	2815.0	2819.0	2823.0	2827.0	2831.0	2835.0	2839.0	2843.0	2847.0	2851.0	2855.0	2859.0	2863.0	2867.0	2871.0	2875.0	2879.0	2883.0	2887.0	2891.0	2895.0	2899.0	2903.0	2907.0	2911.0	2915.0	2919.0	2923.0	2927.0	2931.0	2935.0	2939.0	2943.0	2947.0	2951.0	2955.0	2959.0	2963.0	2967.0	2971.0	2975.0	2979.0	2983.0	2987.0	2991.0	2995.0	2999.0	3003.0	3007.0	3011.0	3015.0	3019.0	3023.0	3027.0	3031.0	3035.0	3039.0	3043.0	3047.0	3051.0	3055.0	3059.0	3063.0	3067.0	3071.0	3075.0	3079.0	3083.0	3087.0	3091.0	3095.0	3099.0	3103.0	3107.0	3111.0	3115.0	3119.0	3123.0	3127.0	3131.0	3135.0	3139.0	3143.0	3147.0	3151.0	3155.0	3159.0	3163.0	3167.0	3171.0	3175.0	3179.0	3183.0	3187.0	3191.0	3195.0	3199.0	3203.0	3207.0	3211.0	3215.0	3219.0	3223.0	3227.0	3231.0	3235.0	3239.0	3243.0	3247.0	3251.0	3255.0	3259.0	3263.0	3267.0	3271.0	3275.0	3279.0	3283.0	3287.0	3291.0	3295.0	3299.0	3303.0	3307.0	3311.0	3315.0	3319.0	3323.0	3327.0	3331.0	3335.0	3339.0	3343.0	3347.0	3351.0	3355.0	3359.0	3363.0	3367.0	3371.0	3375.0	3379.0	3383.0	3387.0	3391.0	3395.0	3399.0	3403.0	3407.0	3411.0	3415.0	3419.0	3423.0	3427.0	3431.0	3435.0	3439.0	3443.0	3447.0	3451.0	3455.0	3459.0	3463.0	3467.0	3471.0	3475.0	3479.0	3483.0	3487.0	3491.0	3495.0	3499.0	3503.0	3507.0	3511.0	3515.0	3519.0	3523.0	3527.0	3531.0	3535.0	3539.0	3543.0	3547.0	3551.0	3555.0	3559.0	3563.0	3567.0	3571.0	3575.0	3579.0	3583.0	3587.0	3591.0	3595.0	3599.0	3603.0	3607.0	3611.0	3615.0	3619.0	3623.0	3627.0	3631.0	3635.0	3639.0	3643.0	3647.0	3651.0	3655.0	3659.0	3663.0	3667.0	3671.0	3675.0	3679.0	3683.0	3687.0	3691.0	3695.0	3699.0	3703.0	3707.0	3711.0	3715.0	3719.0	3723.0	3727.0	3731.0	3735.0	3739.0	3743.0	3747.0	3751.0	3755.0	3759.0	3763.0	3767.0	3771.0	3775.0	3779.0	3783.0	3787.0	3791.0	3795.0	3799.0	3803.0	3807.0	3811.0	3815.0	3819.0	3823.0	3827.0	3831.0	3835.0	3839.0	3843.0	3847.0	3851.0	3855.0	3859.0	3863.0	3867.0	3871.0	3875.0	3879.0	3883.0	3887.0	3891.0	3895.0	3899.0	3903.0	3907.0	3911.0	3915.0	3919.0	3923.0	3927.0	3931.0	3935.0	3939.0	3943.0	3947.0	3951.0	3955.0	3959.0	3963.0	3967.0	3971.0	3975.0	3979.0	3983.0	3987.0	3991.0	3995.0	3999.0	4003.0	4007.0	4011.0	4015.0	4019.0	4023.0	4027.0	4031.0	4035.0	4039.0	4043.0	4047.0	4051.0	4055.0	4059.0	4063.0	4067.0	4071.0	4075.0	4079.0	4083.0	4087.0	4091.0	4095.0	4099.0	4103.0	4107.0	4111.0	4115.0	4119.0	4123.0	4127.0	4131.0	4135.0	4139.0	4143.0	4147.0	4151.0	4155.0	4159.0	4163.0	4167.0	4171.0	4175.0	4179.0	4183.0	4187.0	4191.0	4195.0	4199.0	4203.0	4207.0	4211.0	4215.0	4219.0	4223.0	4227.0	4231.0	4235.0	4239.0	4243.0	4247.0	4251.0	4255.0	4259.0	4263.0	4267.0	4271.0	4275.0	4279.0	4283.0	4287.0	4291.0	4295.0	4299.0	4303.0	4307.0	4311.0	4315.0	4319.0	4323.0	4327.0	4331.0	4335.0	4339.0	4343.0	4347.0	4351.0	4355.0	4359.0	4363.0	4367.0	4371.0	4375.0	4379.0	4383.0	4387.0	4391.0	4395.0	4399.0	4403.0	4407.0	4411.0	4415.0	4419.0	4423.0	4427.0	4431.0	4435.

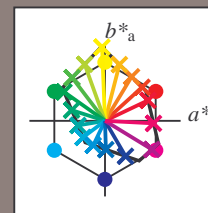


Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:

$u_e^*$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u_e^* = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

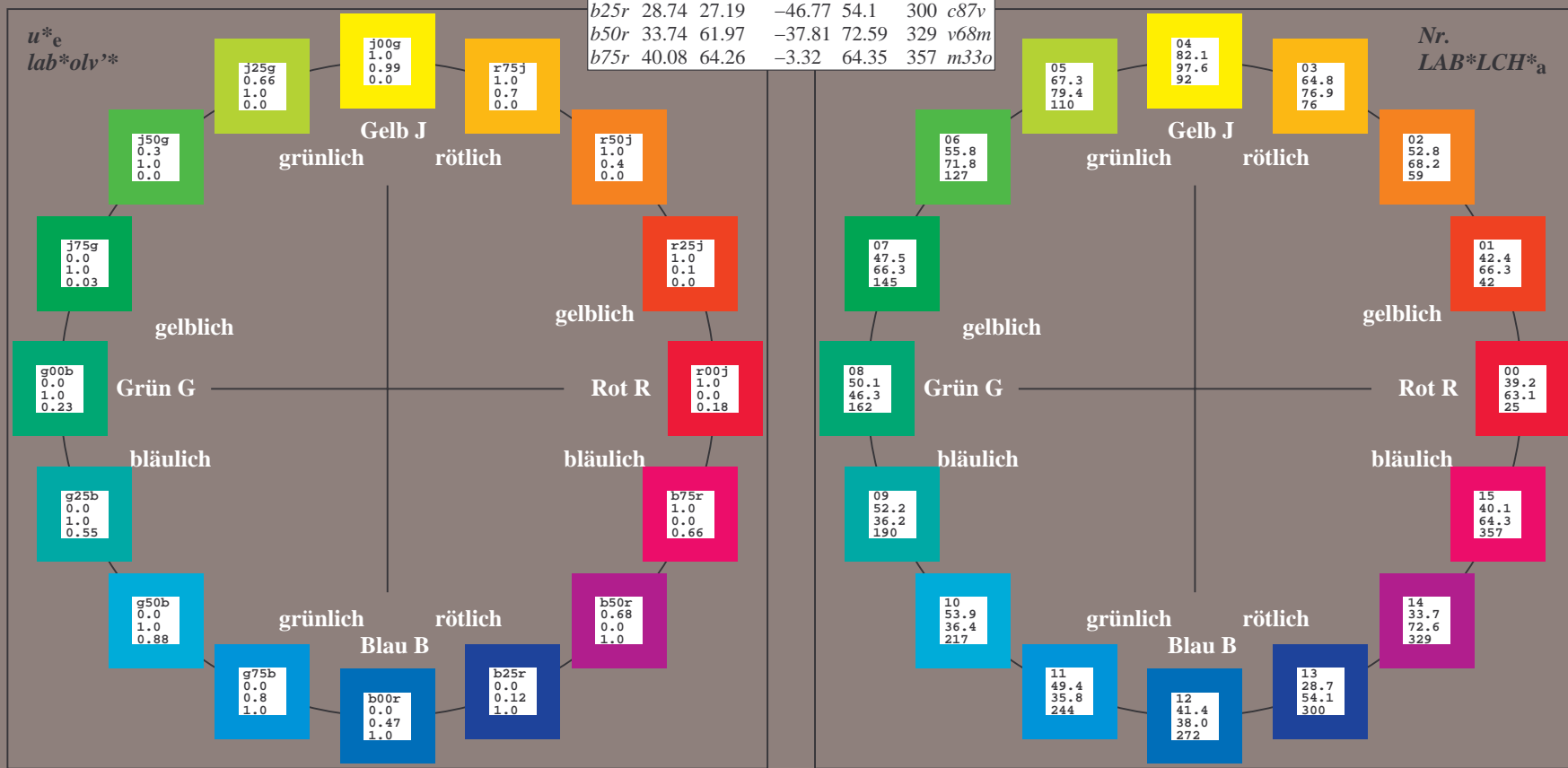
$u_e^*$	$L^*=L_a^*$	$a^*$	$b^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_d^*$
$r00j$	39.18	56.94	27.13	63.07	25	$m81o$
$r25j$	42.41	49.1	44.5	66.26	42	$o10y$
$r50j$	52.78	35.22	58.37	68.17	59	$o40y$
$r75j$	64.82	19.12	74.47	76.89	76	$o69y$
$j00g$	82.06	-3.94	97.52	97.6	92	$o98y$
$j25g$	67.26	-26.87	74.67	79.36	110	$y34l$
$j50g$	55.83	-43.45	57.11	71.76	127	$y69l$
$j75g$	47.5	-54.18	38.3	66.35	145	$l03c$
$g00b$	50.07	-44.09	14.13	46.3	162	$l23c$
$g25b$	52.21	-35.66	-6.03	36.17	190	$l55c$
$g50b$	53.9	-29.04	-21.87	36.36	217	$l87c$
$g75b$	49.44	-15.51	-32.31	35.84	244	$c20v$
$b00r$	41.36	1.15	-37.95	37.97	272	$c53v$
$b25r$	28.74	27.19	-46.77	54.1	300	$c87v$
$b50r$	33.74	61.97	-37.81	72.59	329	$v68m$
$b75r$	40.08	64.26	-3.32	64.35	357	$m33o$



%Umfang  
 $u_{rel}^* = 88$   
%Regularität  
 $g_{H,rel}^* = 31$   
 $g_{C,rel}^* = 40$

FRS09\_92aM; CIELAB-Daten

Name	$L^*=L^*$	$a^*$	$b^*$	$C_{ab}^*$	$h_{ab}^*$
$O_M$	38.8	54.41	35.65	65.05	33
$Y_M$	82.58	-4.04	92.72	92.8	92
$L_M$	46.95	-55.83	39.15	68.19	145
$C_M$	54.62	-25.67	-33.25	42.01	232
$V_M$	20.01	45.64	-56.27	72.45	309
$M_M$	40.88	71.17	-34.09	78.92	334
$N_M$	15.0	0.43	-3.23	3.26	278
$W_M$	90.0	0.62	-5.76	5.79	276
$R_{CIE}$	39.92	58.74	27.99	65.07	25
$J_{CIE}$	81.26	-2.89	71.56	71.62	92
$G_{CIE}$	52.23	-42.42	13.6	44.55	162
$B_{CIE}$	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

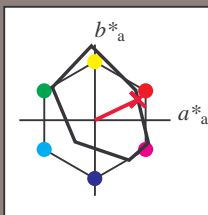
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $i^*$

%Umfang

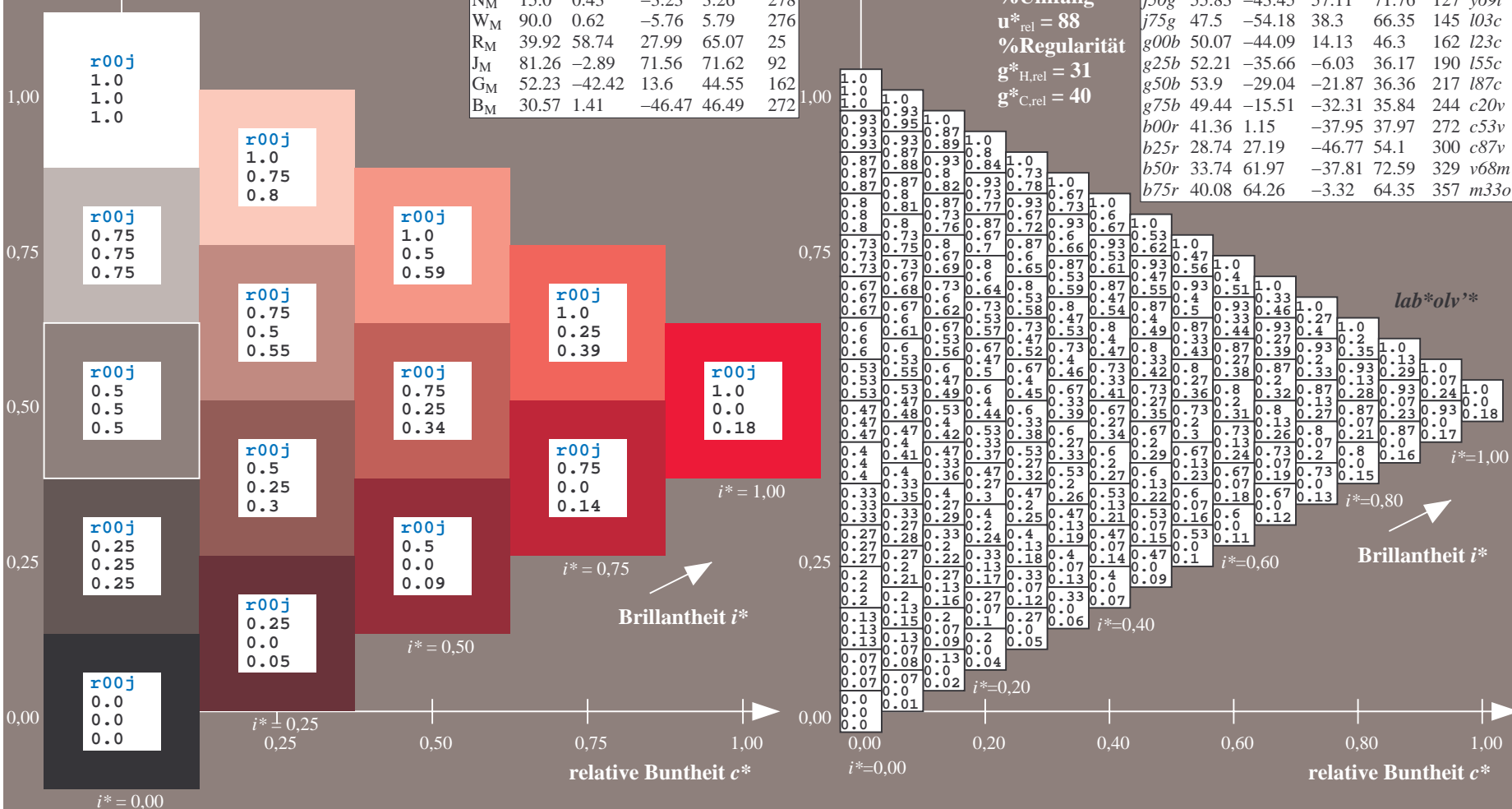
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

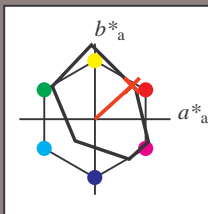
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 42 49 44

$LAB^*LCH^*_{Ma}$ : 42 66 42

$lab^*rgb^*_{Ma}$ : 1.0 0.25 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

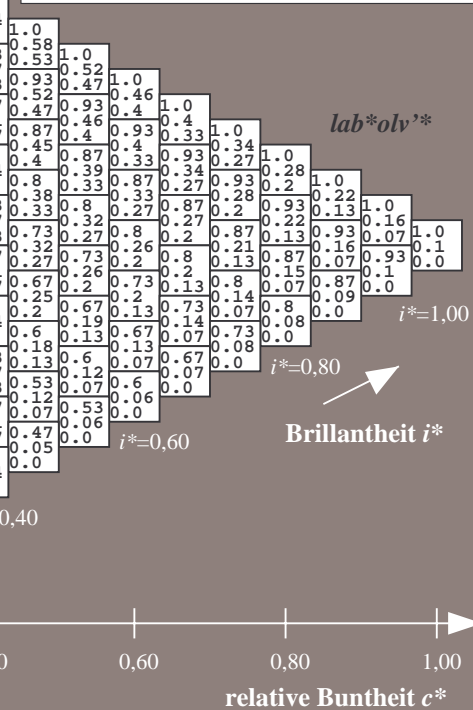
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
j50g	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

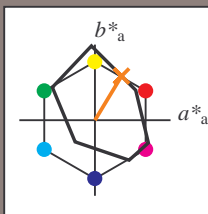
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

$lab^*rgb^*_{Ma}$ : 1.0 0.5 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

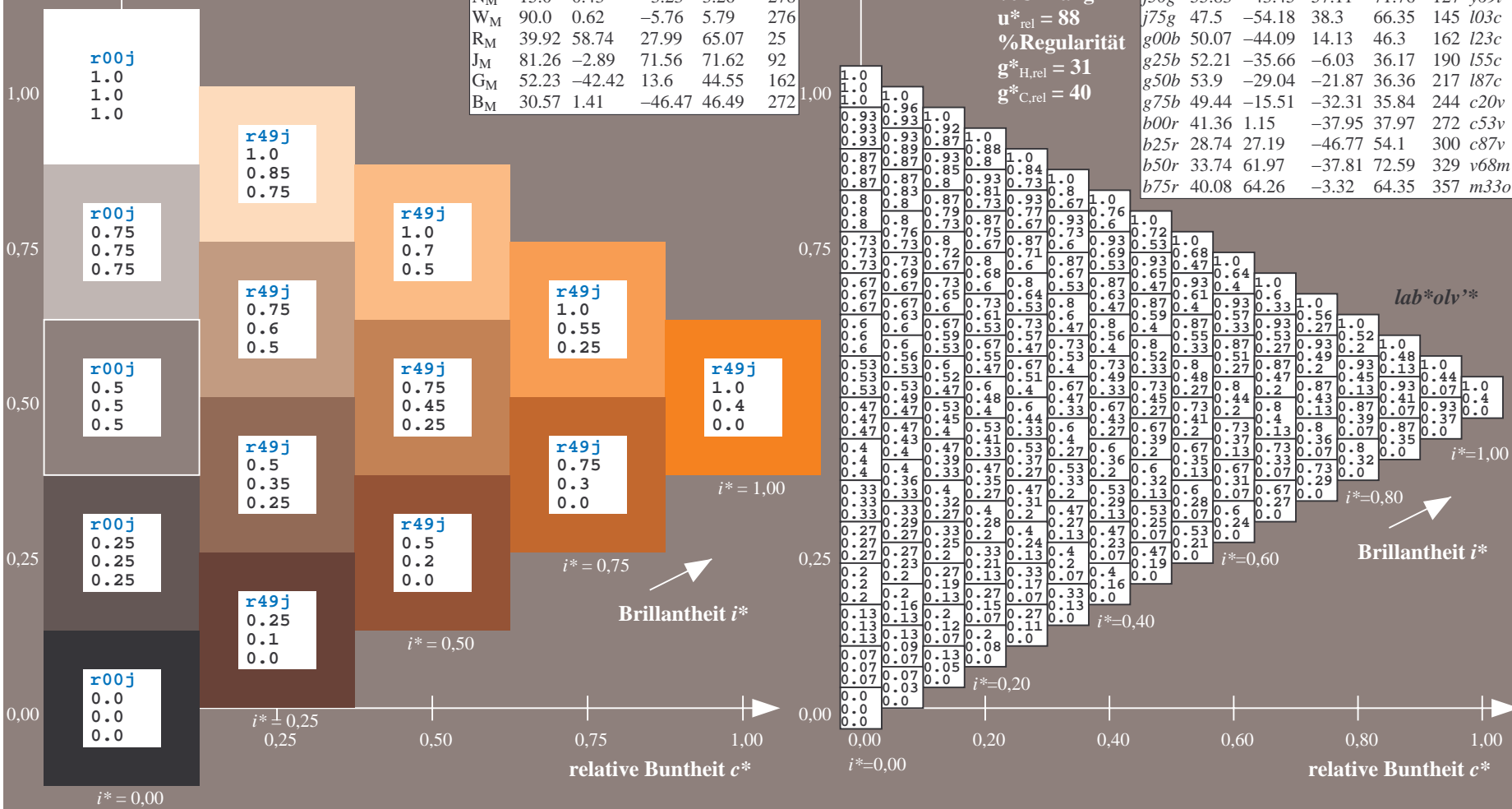
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	l03c	
g00b	50.07	-44.09	14.13	46.3	162	l23c	
g25b	52.21	-35.66	-6.03	36.17	190	l55c	
g50b	53.9	-29.04	-21.87	36.36	217	l87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

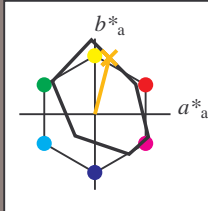
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

$lab^*rgb^*_{Ma}$ : 1.0 0.75 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

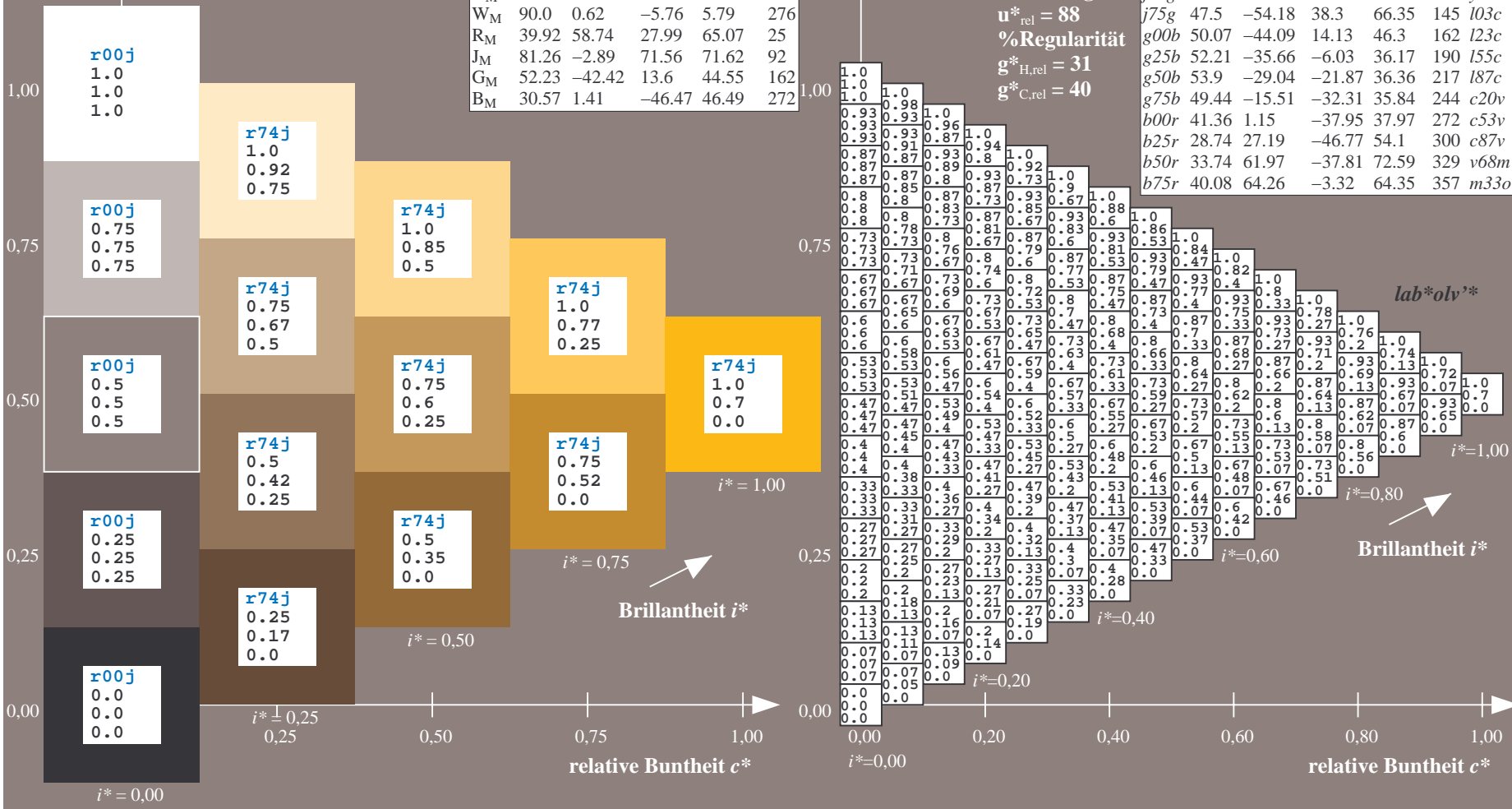
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

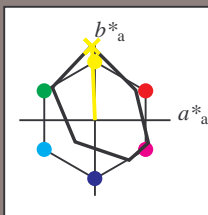
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

$lab^*rgb^*_{Ma}$ : 1.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

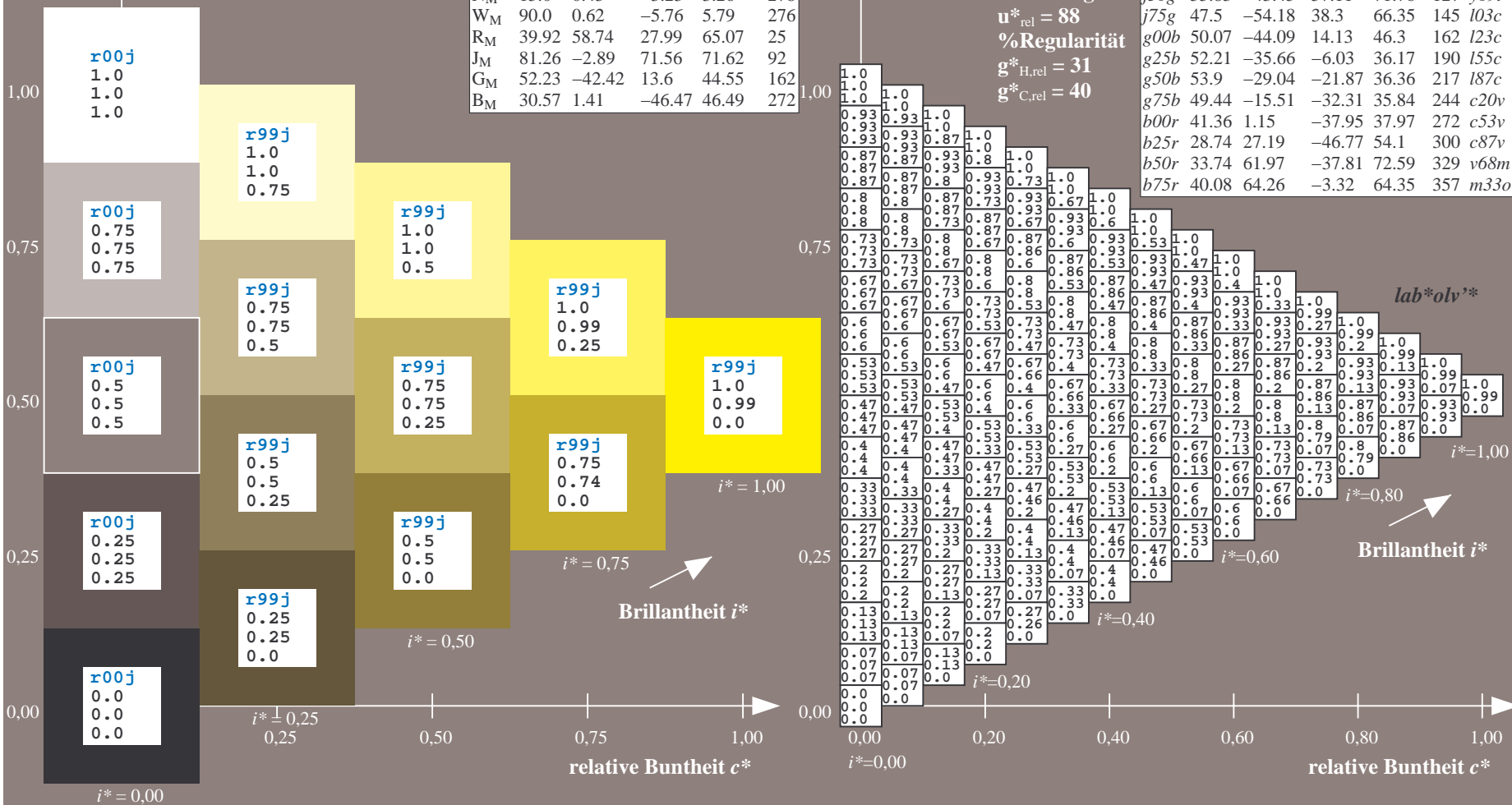
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

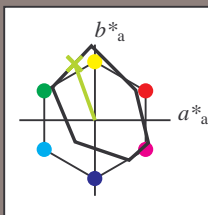
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

$lab^*rgb^*_{Ma}$ : 0.75 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

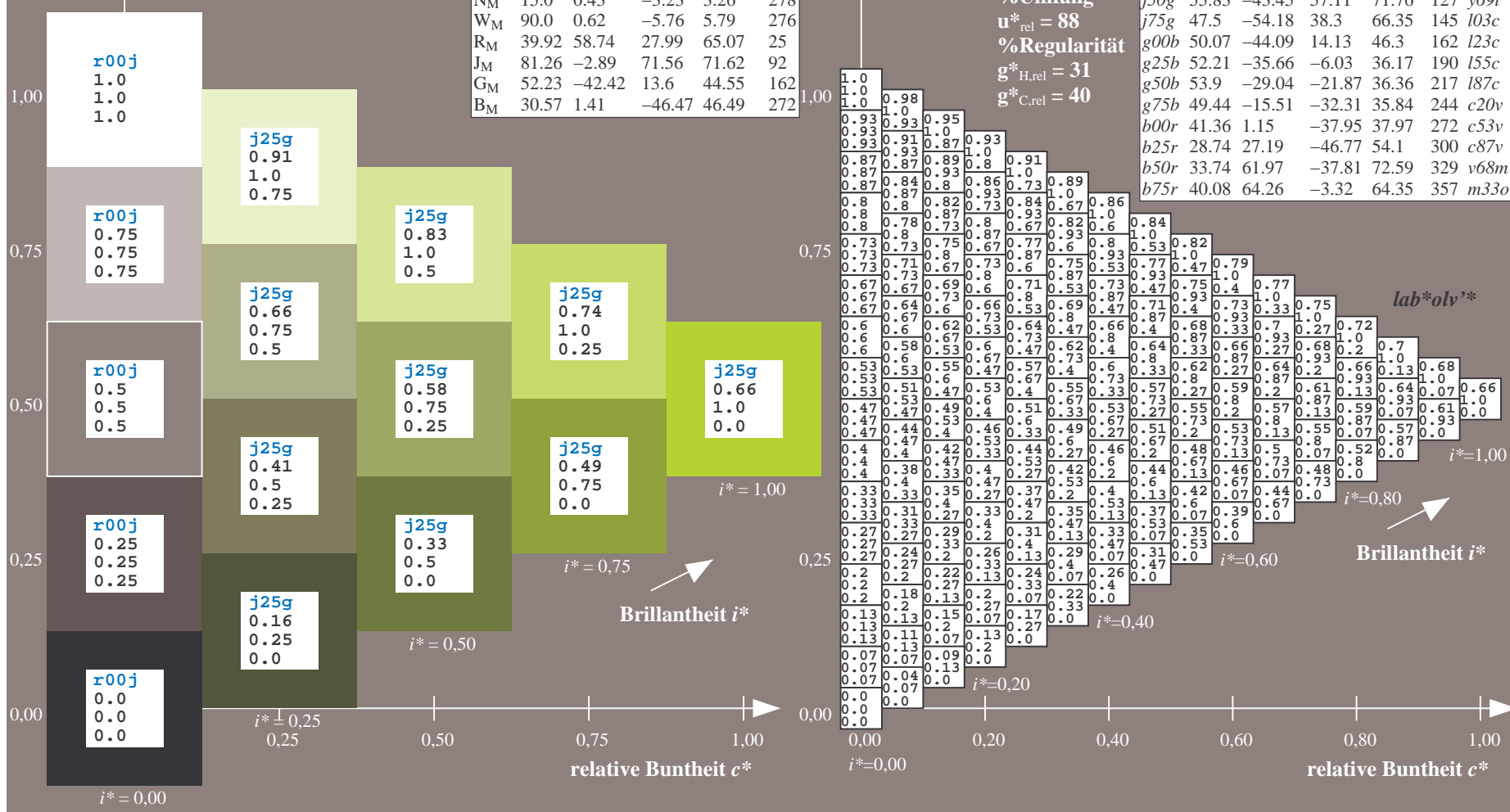
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

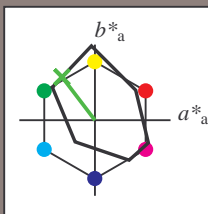
### Bunttexte:

$$u_e^* = j50g \quad u_d^* = y69l$$

**Kontrastreduzierungsfaktor:**

 $c_D = 0.9$ 

### K Dreiecks-Helligkeit $t^*$



FRS09_92aM; CIELAB-Daten						
$u_e^*$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	143	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	233	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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	163	
B <sub>M</sub>	30.57	1.41	-46.47	46.49	277	

**Daten für Maximalfarbe (Ma):**

**LAB\*LAB\*<sub>Ma</sub>: 56 -43 57**

**LAB\*LCH\***Ma: 56 72 127

 $lab*rgb*M_2: 0.5 \quad 1.0 \quad 0.0$ 

*lab\*olv\**Ma: 0.3 1.0 0.0

### Dreiecks-Helligkeit $t^*$

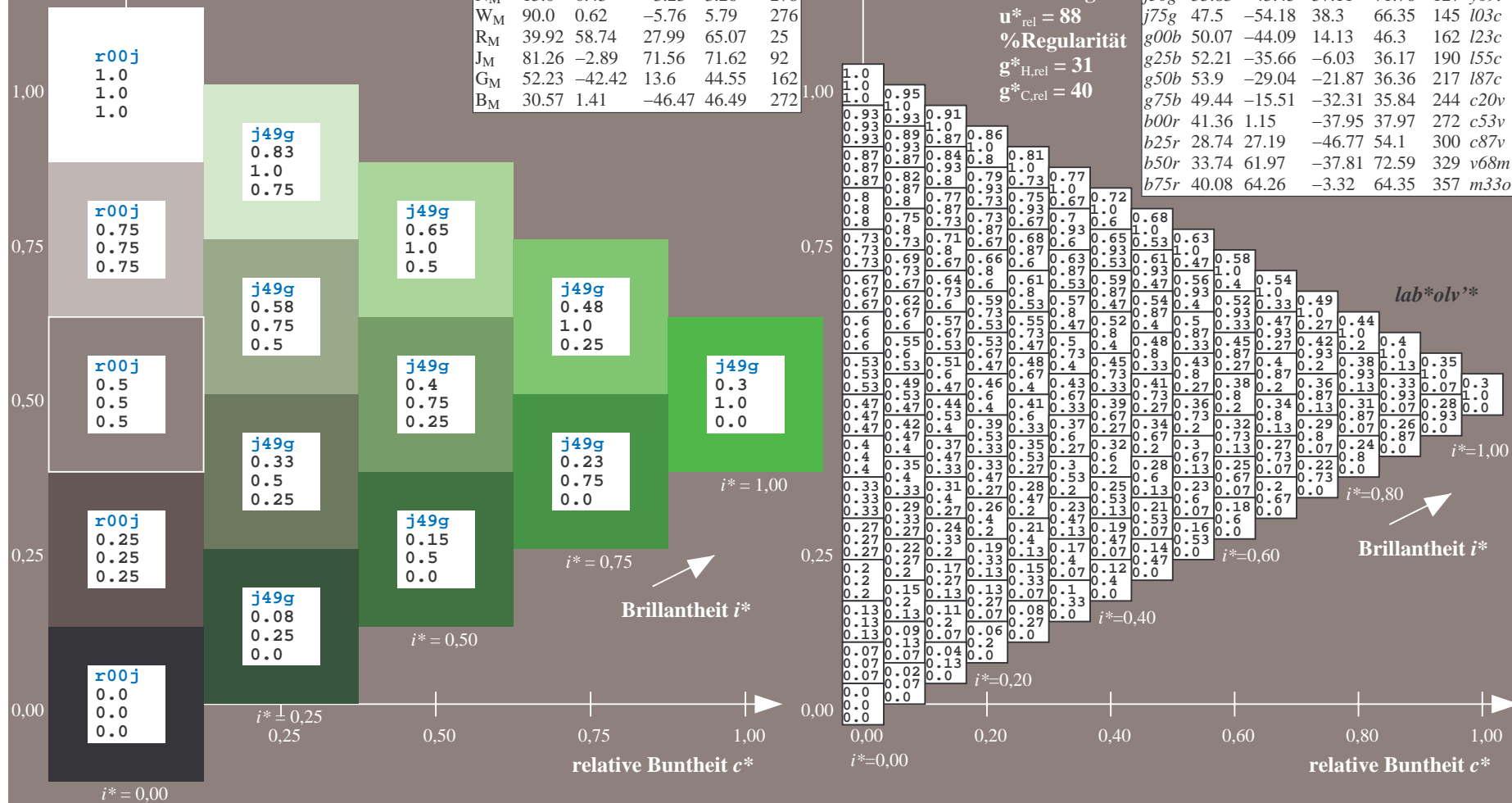
## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

### %Regularität

$$g^*_{H,rel} = 31$$
$$\mathbf{g}_{\text{C,rel}}^* = 40$$

FRS09_92aM; adaptierte CIELAB-Daten							
$u_e$	$L^*=L_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_d$	
<i>r00j</i>	39.18	56.94	27.13	63.07	25	<i>m81a</i>	
<i>r25j</i>	42.41	49.1	44.5	66.26	42	<i>o10y</i>	
<i>r50j</i>	52.78	35.22	58.37	68.17	59	<i>o40y</i>	
<i>r75j</i>	64.82	19.12	74.47	76.89	76	<i>o69y</i>	
<i>j00g</i>	82.06	-3.94	97.52	97.6	92	<i>o89y</i>	
<i>j25g</i>	67.26	-26.87	74.67	79.36	110	<i>y34l</i>	
<i>j50g</i>	55.83	-43.45	57.11	71.76	127	<i>y69l</i>	
<i>j75g</i>	47.5	-54.18	38.3	66.35	145	<i>l03c</i>	
<i>g00b</i>	50.07	-44.09	14.13	46.3	162	<i>l23c</i>	
<i>g25b</i>	52.21	-35.66	-6.03	36.17	190	<i>l55c</i>	
<i>g50b</i>	53.9	-29.04	-21.87	36.36	217	<i>l87c</i>	
<i>g75b</i>	49.44	-15.51	-32.31	35.84	244	<i>c20v</i>	
<i>b00r</i>	41.36	1.15	-37.95	37.97	272	<i>c53v</i>	
<i>b25r</i>	28.74	27.19	-46.77	54.1	300	<i>c87v</i>	
<i>b50r</i>	33.74	61.97	-37.81	72.59	329	<i>v68m</i>	
<i>b75r</i>	40.08	64.26	-3.32	64.35	357	<i>m33o</i>	



BAM-Prüfvorlage Eg33; Farbmatrik-Systeme, Seite 170/198    Eingabe: 000n / w / nnn0 / www set...  
D65: Farbreihen, Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->cmY0\* setcmykcolor

Eingabe: *000n / w / nnn0 / www set...*

Ausgabe:  $\rightarrow cmv0^* setcmvcolor$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

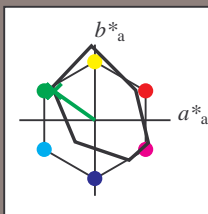
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

$lab^*rgb^*_{Ma}$ : 0.25 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

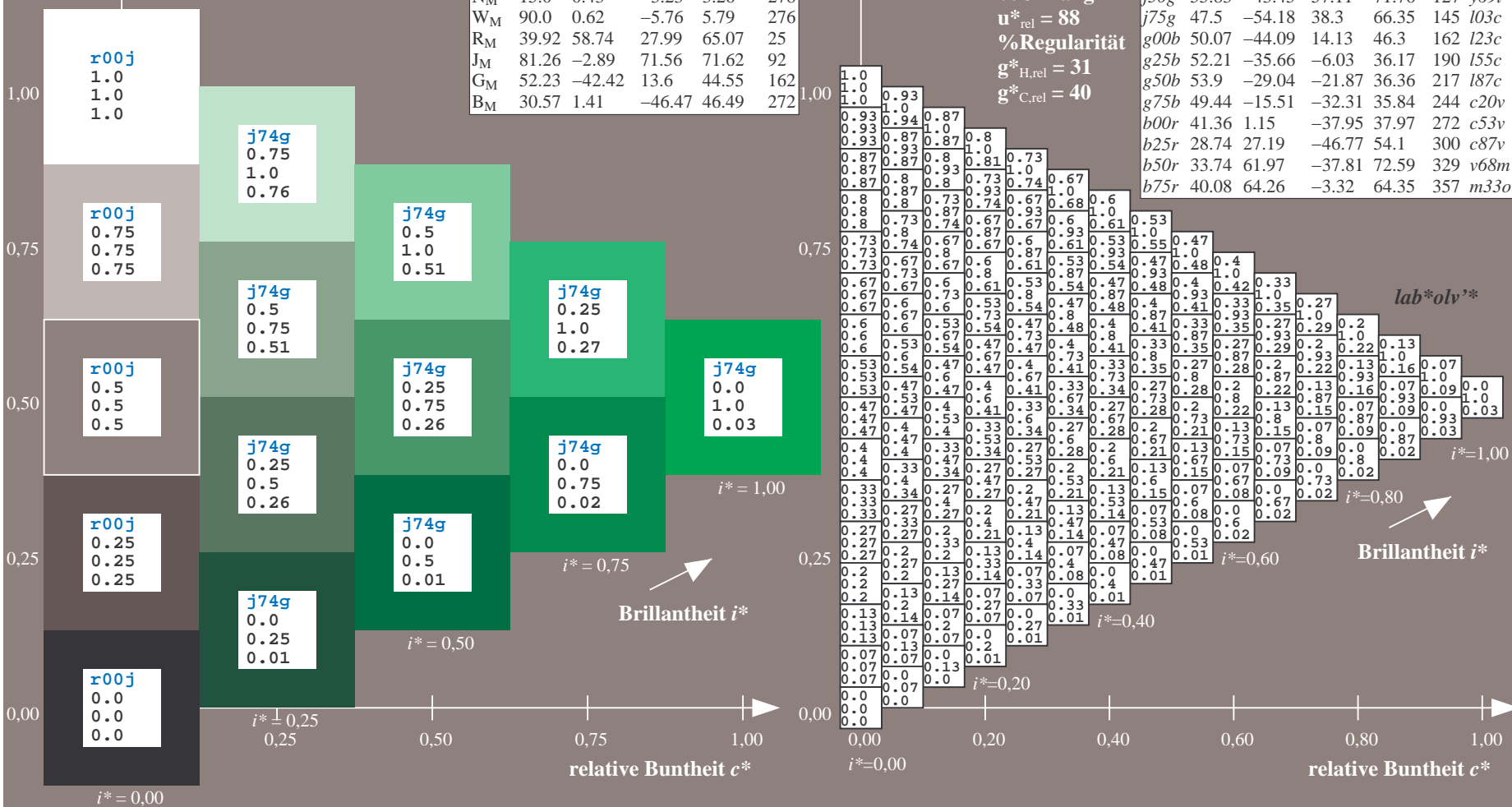
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$lab^*olv^*_{Ma}$	$u^*_d$		
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

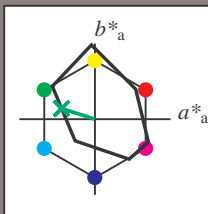
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $i^*$

%Umfang

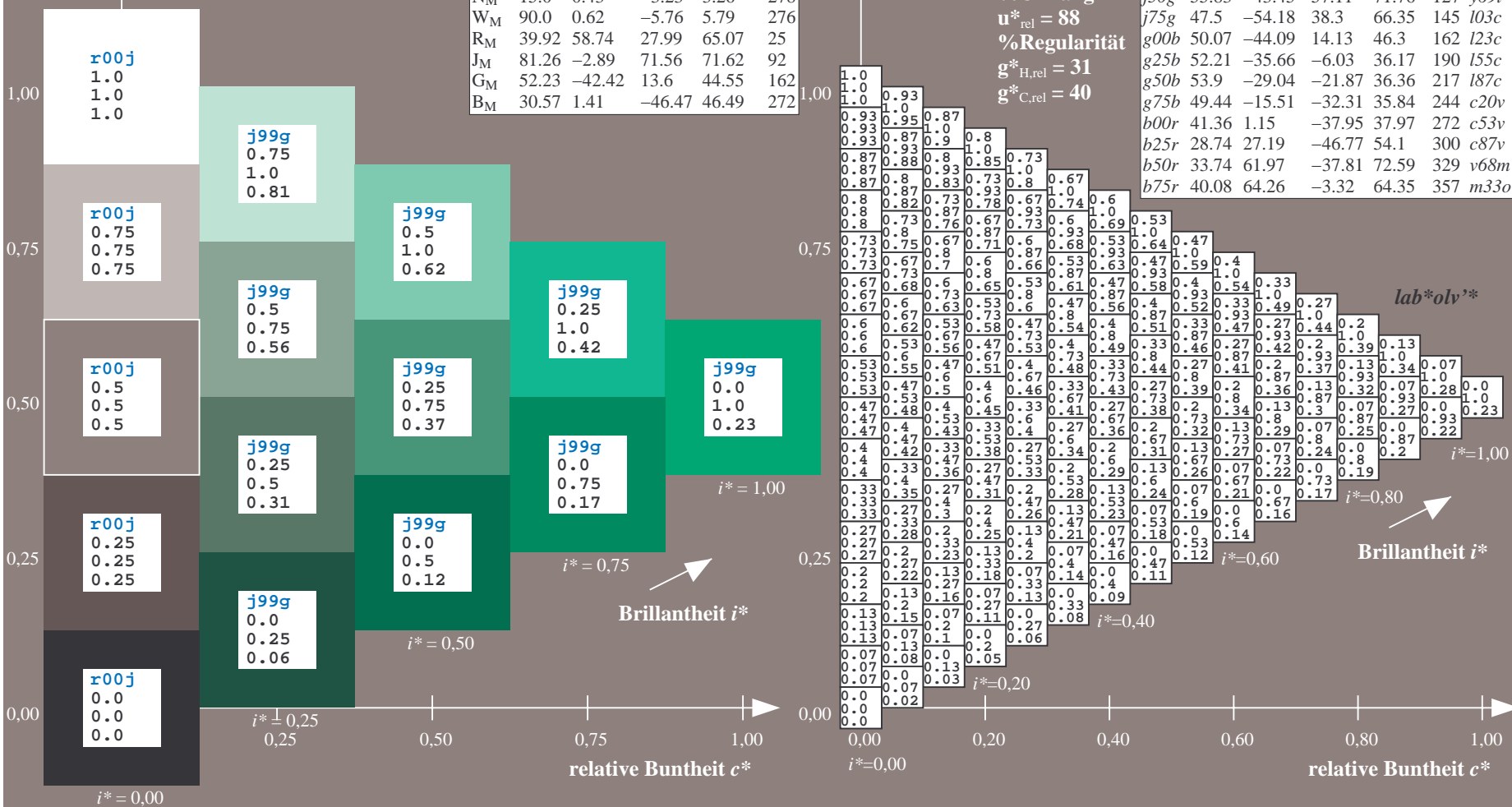
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

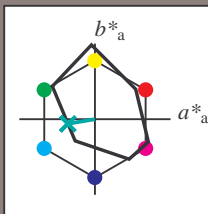
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

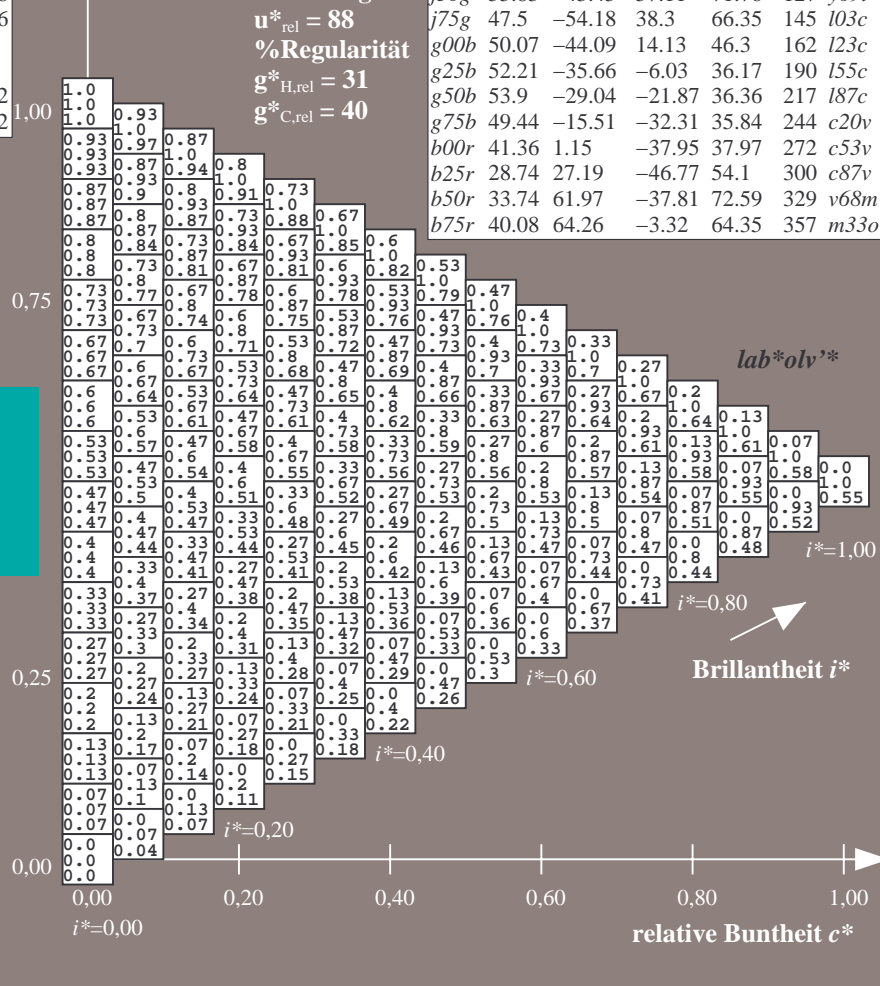
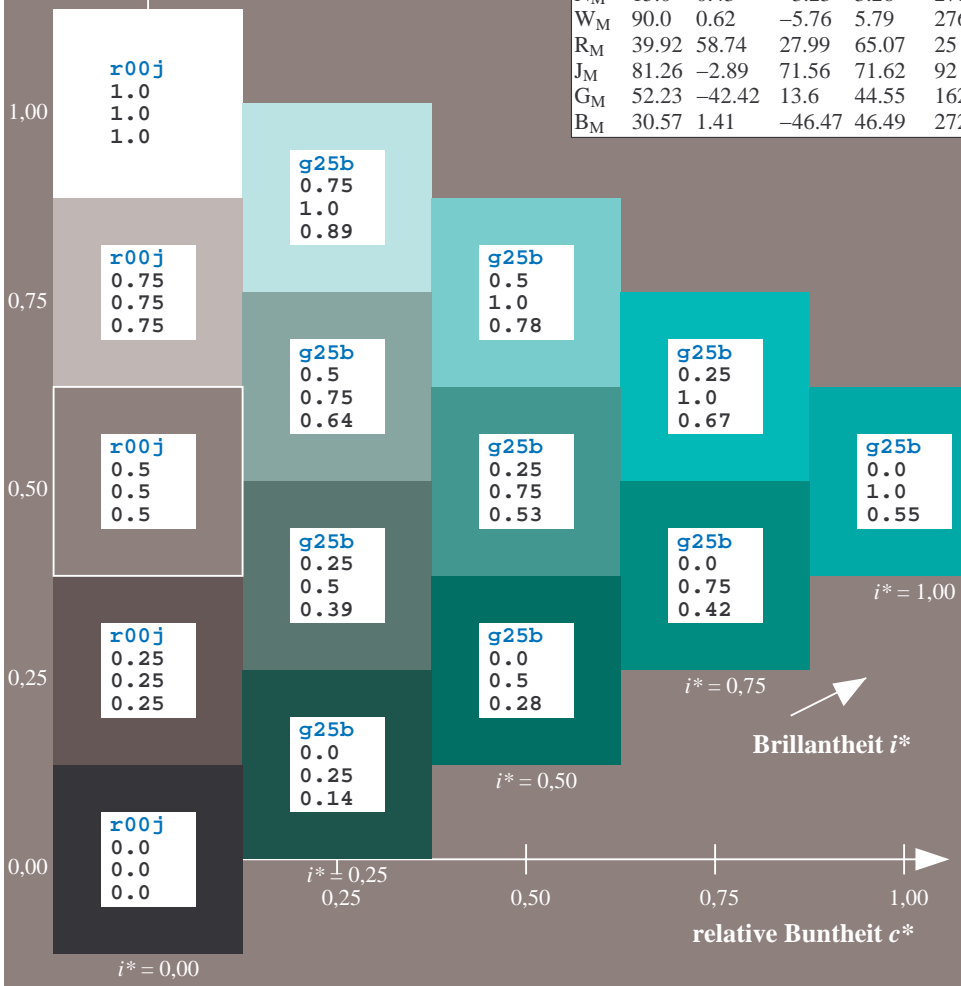
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

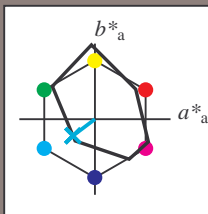
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $i^*$

%Umfang

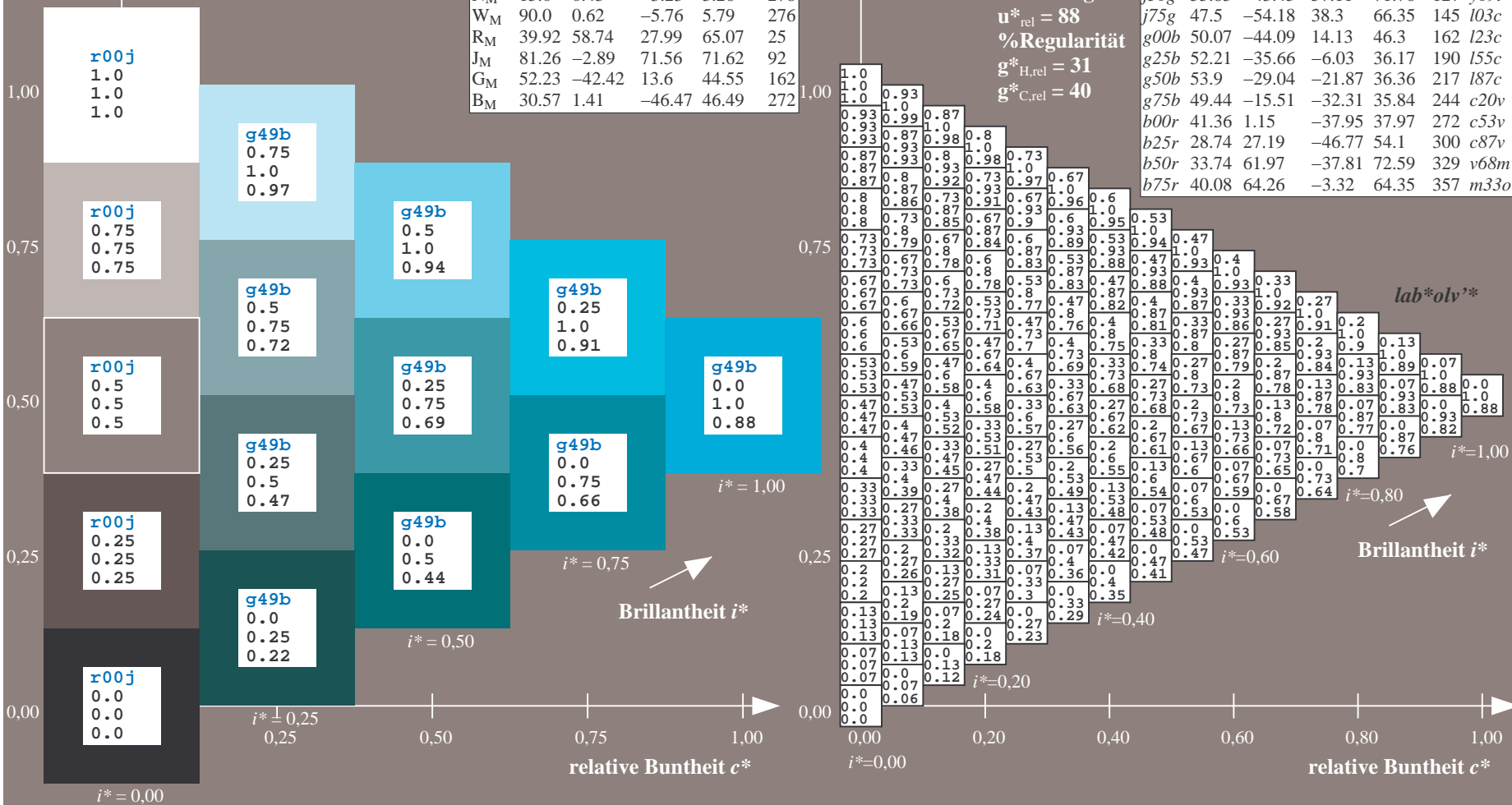
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

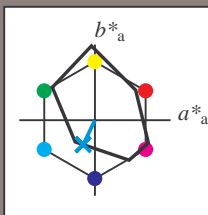
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

$lab^*rgb^*_{Ma}$ : 0.0 0.5 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$lab^*olv^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

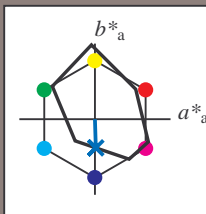
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

$lab^*rgb^*_{Ma}$ : 0.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

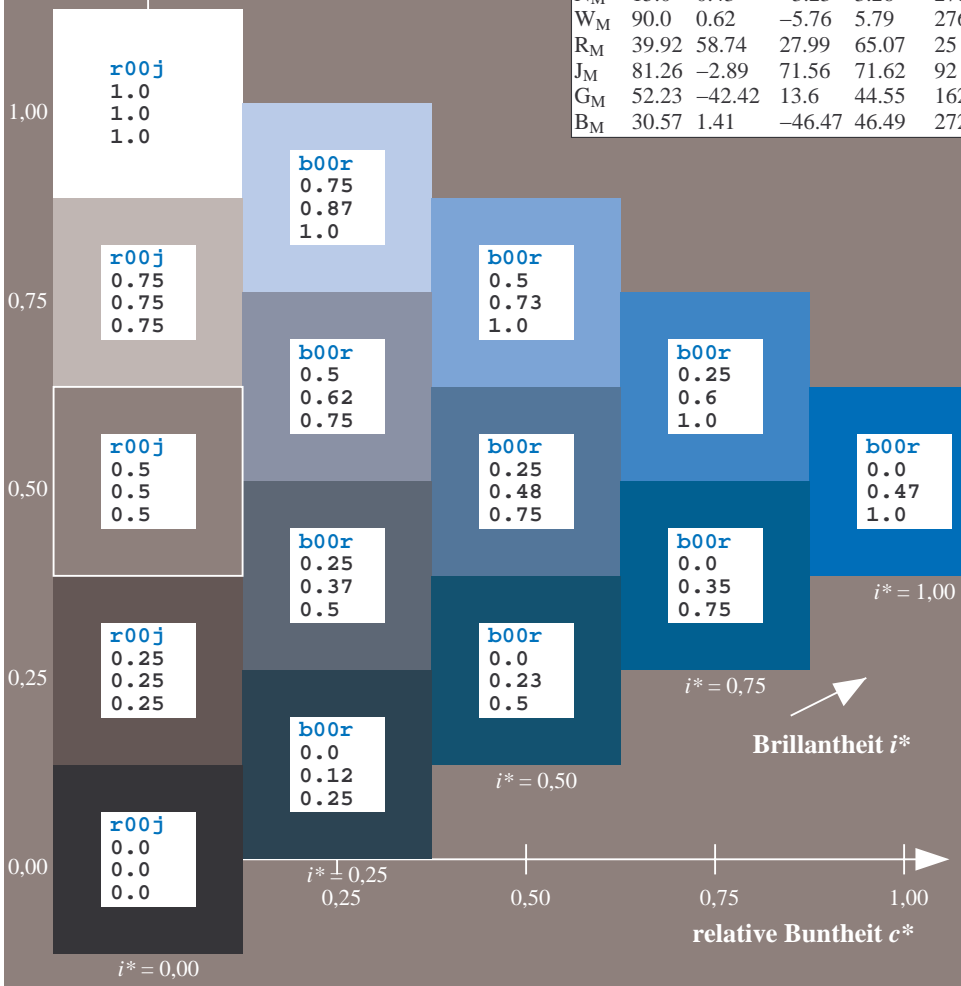
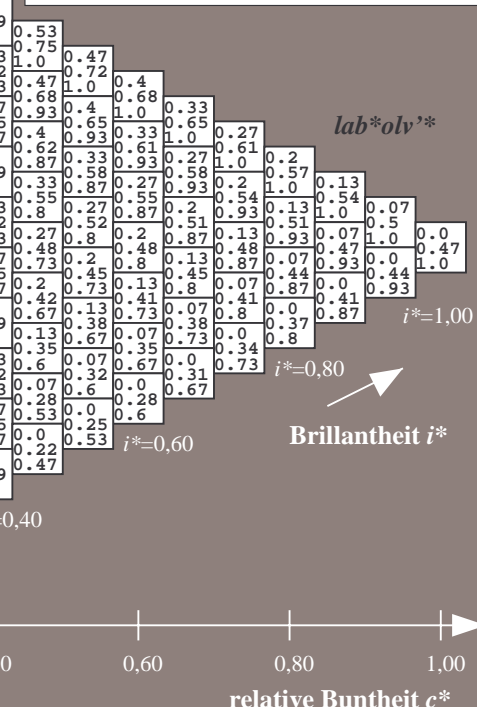
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	i03c
g00b	50.07	-44.09	14.13	46.3	162	i23c
g25b	52.21	-35.66	-6.03	36.17	190	i55c
g50b	53.9	-29.04	-21.87	36.36	217	i87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

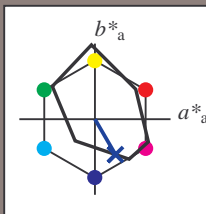
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

$lab^*rgb^*_{Ma}$ : 0.5 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

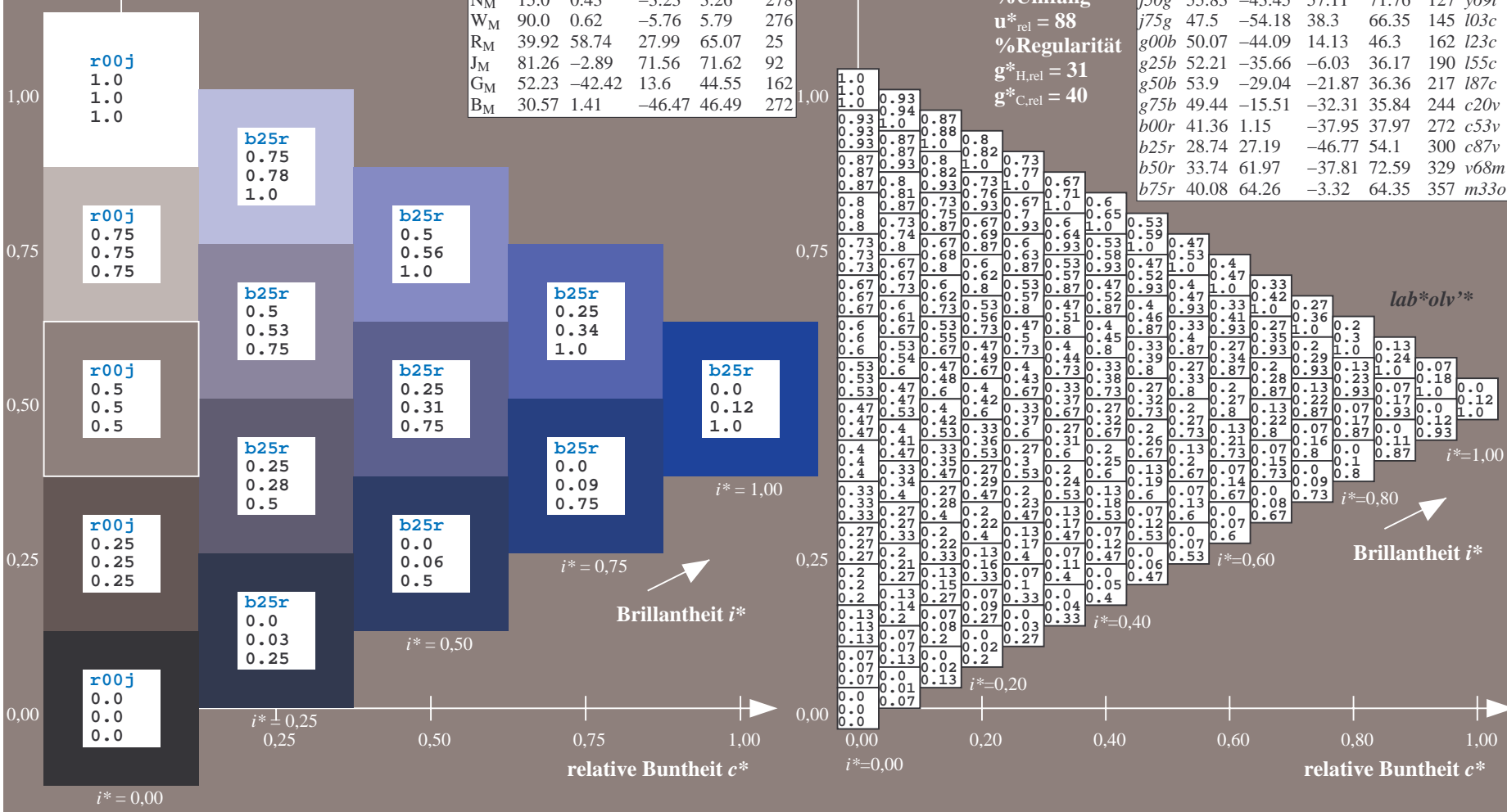
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

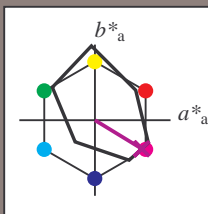
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

$lab^*rgb^*_{Ma}$ : 1.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

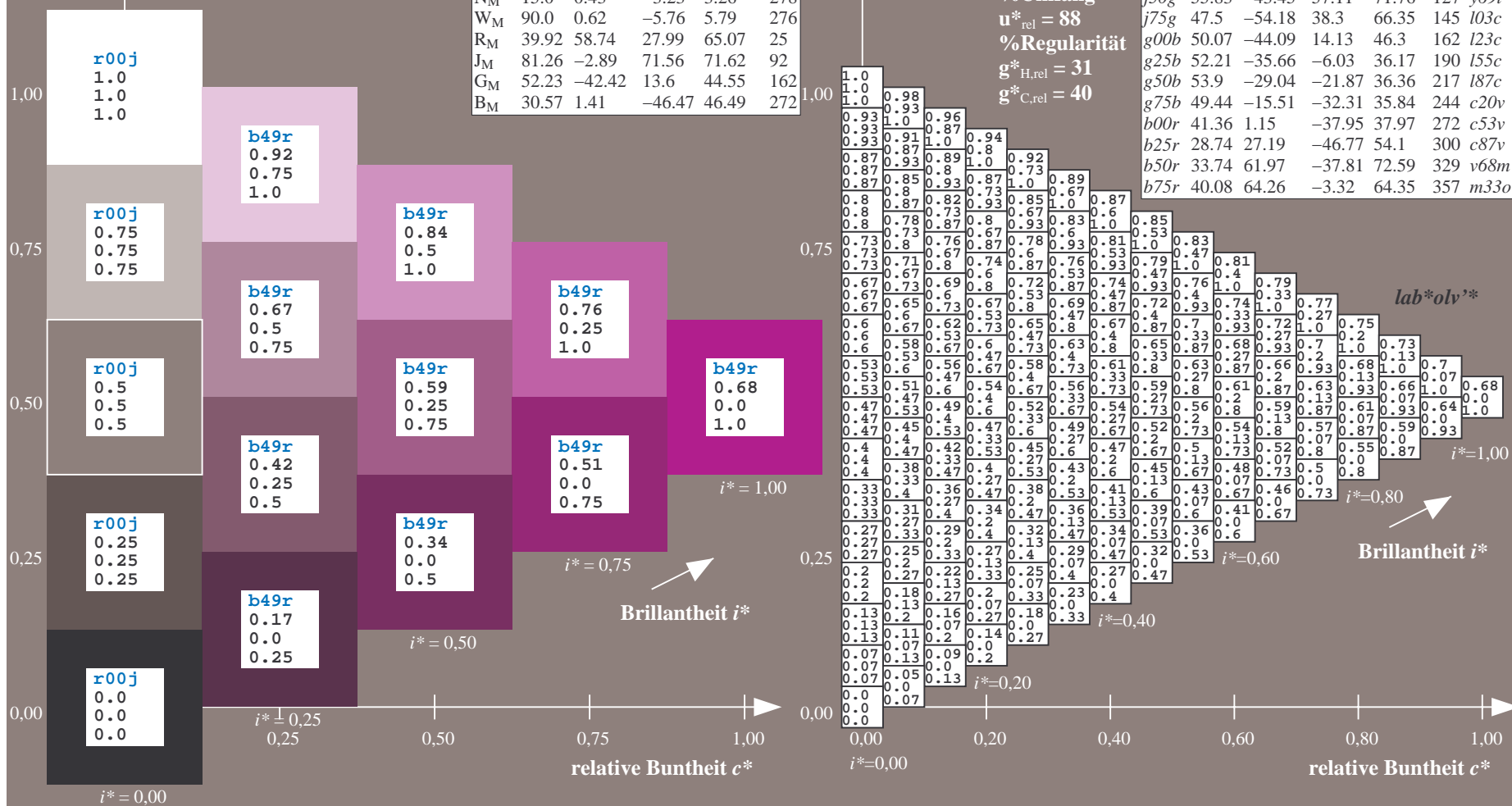
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

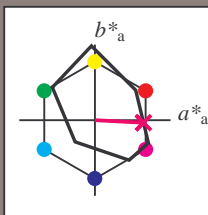
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.5

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.66

Dreiecks-Helligkeit  $i^*$

%Umfang

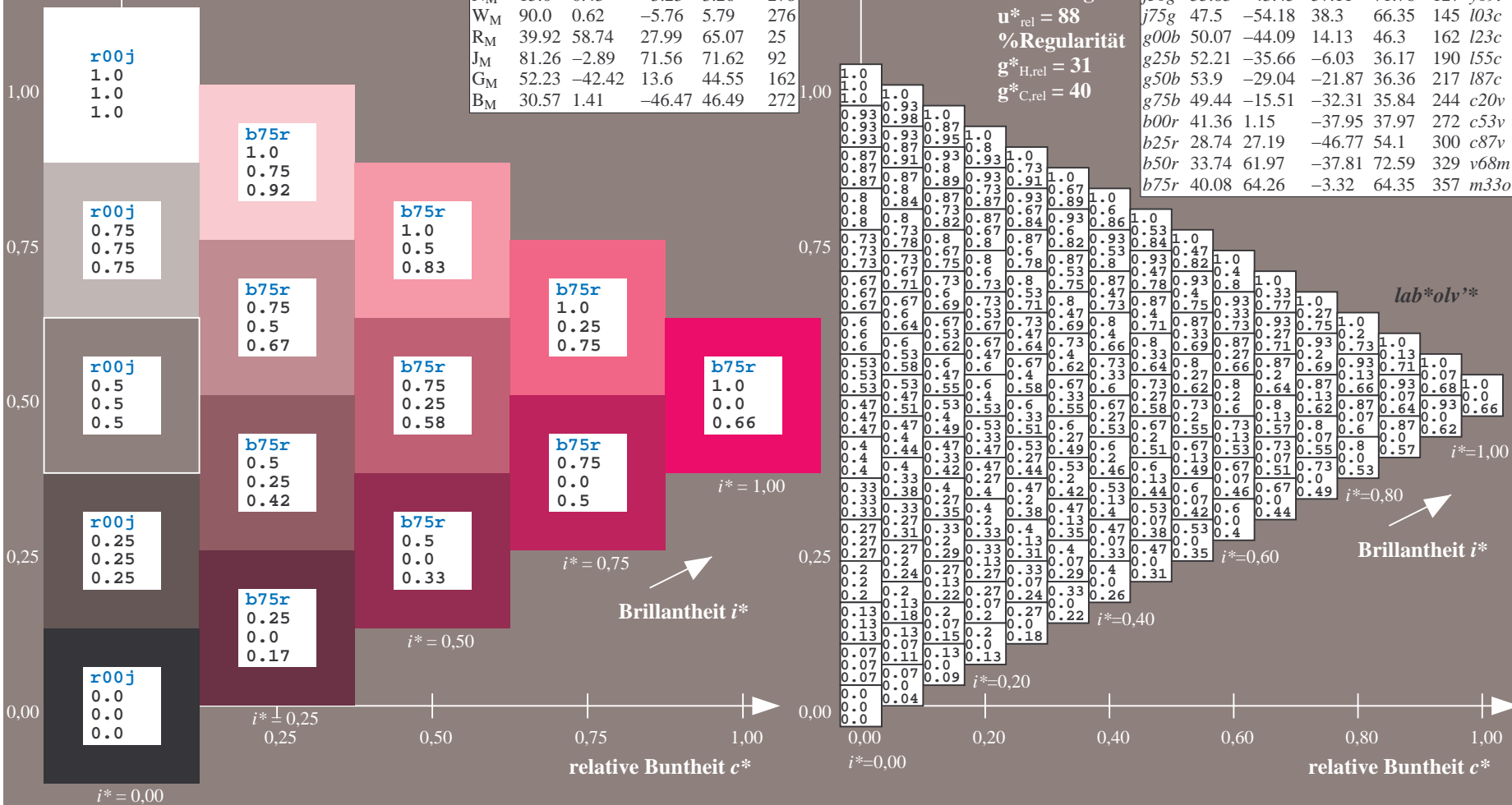
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33/>; [www.ps.bam.de/Eg33/](http://www.ps.bam.de/Eg33/); [www.ps.bam.de/Eg33/](http://www.ps.bam.de/Eg33/)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSp=0

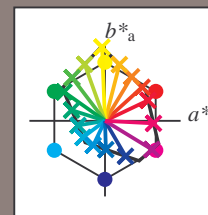
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*oly**				
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
	0.0	0.13	0.25	0.38	0.5	0.63	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	0.12	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	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
02	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	0.88	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	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	
03	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	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	
	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			
04	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		
	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	1.0	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	
	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	0.5	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	
05	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	0.38	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	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	
	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	
06	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63		
	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	1.0	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	
	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	
07	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	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	
	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			
08	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	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	
	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			
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	0.12	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	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	0.62	0.62	0.62	0.62	0.62	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0		
	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	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	0.87	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	0.07	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	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	0.13	0.13	0.13	0.13		
	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	0.75	0.13	0.13	0.13	0.13		
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.2								

BAM-Registrierung: 20081001-Eg33/10L/L33G00NA.PS/.TXT BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

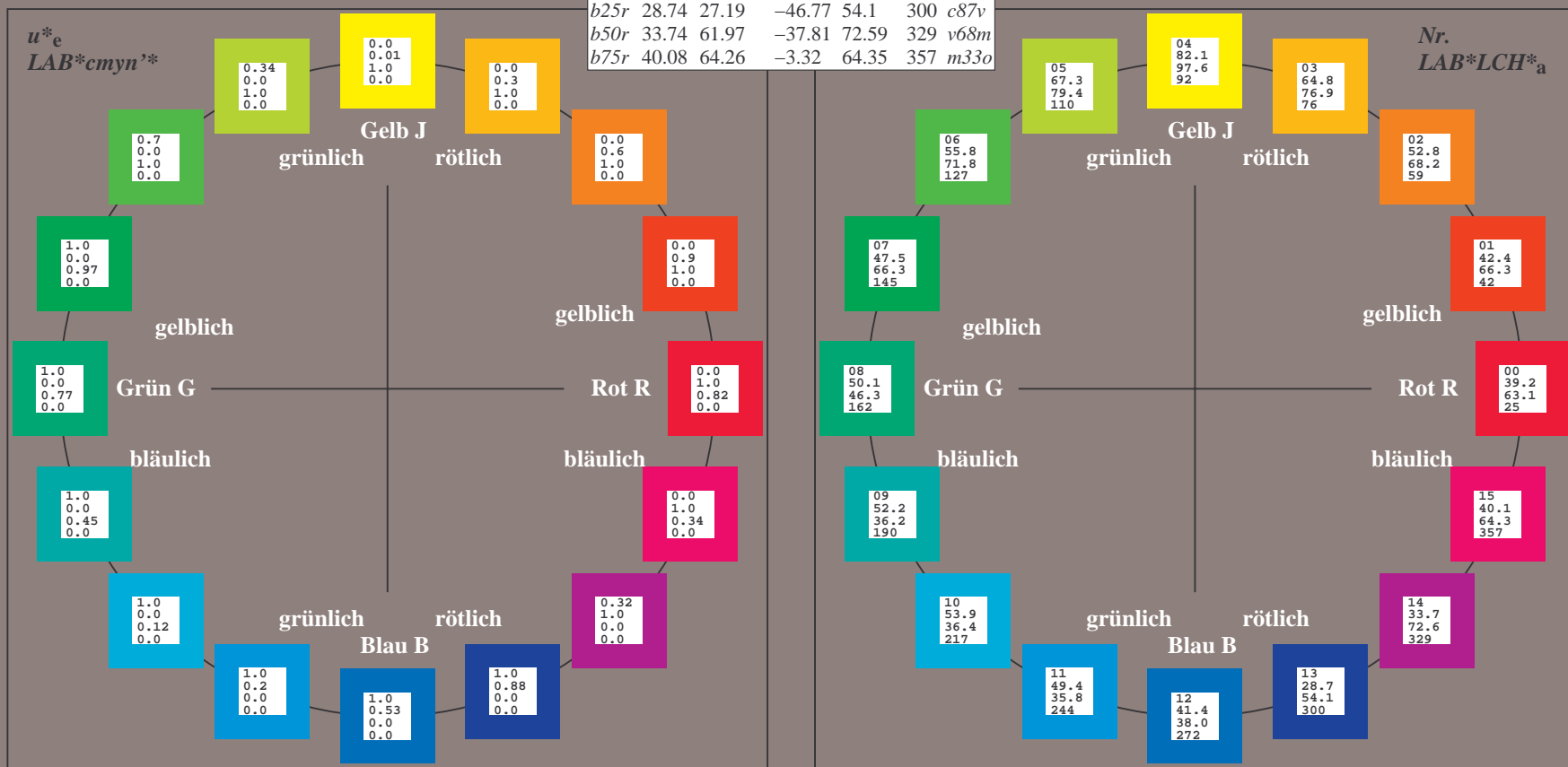
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
$r00j$	39.18	56.94	27.13	63.07	25	$m81o$
$r25j$	42.41	49.1	44.5	66.26	42	$o10y$
$r50j$	52.78	35.22	58.37	68.17	59	$o40y$
$r75j$	64.82	19.12	74.47	76.89	76	$o69y$
$j00g$	82.06	-3.94	97.52	97.6	92	$o98y$
$j25g$	67.26	-26.87	74.67	79.36	110	$y34l$
$j50g$	55.83	-43.45	57.11	71.76	127	$y69l$
$j75g$	47.5	-54.18	38.3	66.35	145	$l03c$
$g00b$	50.07	-44.09	14.13	46.3	162	$l23c$
$g25b$	52.21	-35.66	-6.03	36.17	190	$l55c$
$g50b$	53.9	-29.04	-21.87	36.36	217	$l87c$
$g75b$	49.44	-15.51	-32.31	35.84	244	$c20v$
$b00r$	41.36	1.15	-37.95	37.97	272	$c53v$
$b25r$	28.74	27.19	-46.77	54.1	300	$c87v$
$b50r$	33.74	61.97	-37.81	72.59	329	$v68m$
$b75r$	40.08	64.26	-3.32	64.35	357	$m33o$



%Umfang  
 $u^*_{rel} = 88$   
%Regularität  
 $g^*_{H,rel} = 31$   
 $g^*_{C,rel} = 40$

FRS09\_92aM; CIELAB-Daten

Name	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
$O_M$	38.8	54.41	35.65	65.05	33
$Y_M$	82.58	-4.04	92.72	92.8	92
$L_M$	46.95	-55.83	39.15	68.19	145
$C_M$	54.62	-25.67	-33.25	42.01	232
$V_M$	20.01	45.64	-56.27	72.45	309
$M_M$	40.88	71.17	-34.09	78.92	334
$N_M$	15.0	0.43	-3.23	3.26	278
$W_M$	90.0	0.62	-5.76	5.79	276
$R_{CIE}$	39.92	58.74	27.99	65.07	25
$J_{CIE}$	81.26	-2.89	71.56	71.62	92
$G_{CIE}$	52.23	-42.42	13.6	44.55	162
$B_{CIE}$	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

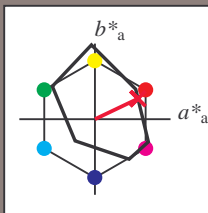
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmy^n^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

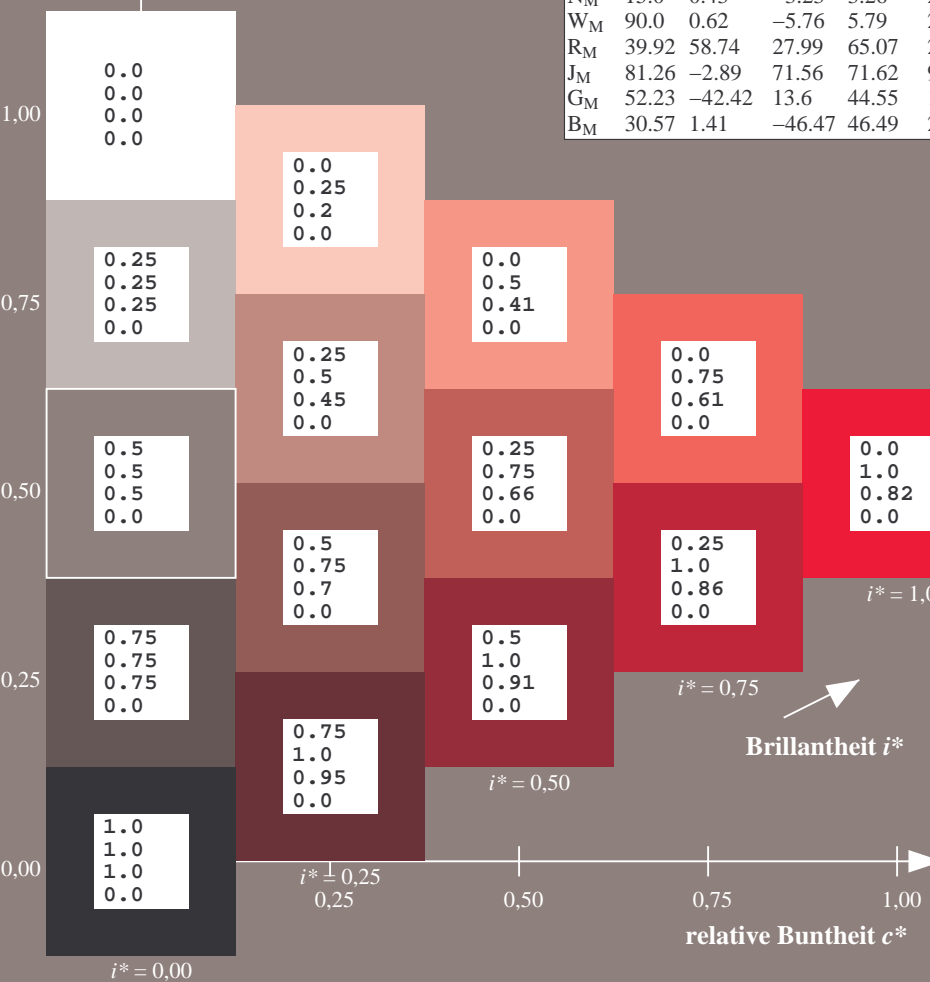
$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

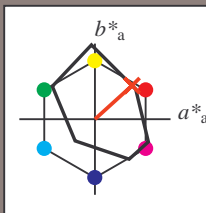
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 42 49 44

$LAB^*LCH^*_{Ma}$ : 42 66 42

$lab^*rgb^*_{Ma}$ : 1.0 0.25 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmyn^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

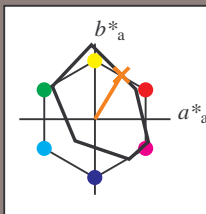
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

$lab^*rgb^*_{Ma}$ : 1.0 0.5 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmyn^*$

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

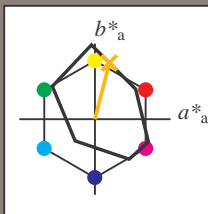
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

$lab^*rgb^*_{Ma}$ : 1.0 0.75 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmyn^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Bunttheit  $c^*$

relative Bunttheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

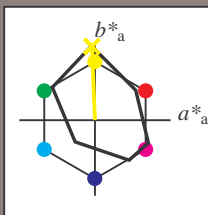
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

$lab^*rgb^*_{Ma}$ : 1.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmyn^*$

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

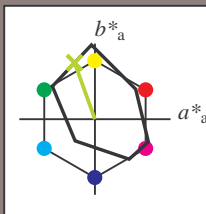
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

$lab^*rgb^*_{Ma}$ : 0.75 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmy^n^*$

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

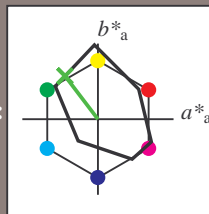
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

$lab^*rgb^*_{Ma}$ : 0.5 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten							
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$	
r00j	39.18	56.94	27.13	63.07	25	m81o	
r25j	42.41	49.1	44.5	66.26	42	o10y	
r50j	52.78	35.22	58.37	68.17	59	o40y	
r75j	64.82	19.12	74.47	76.89	76	o69y	
j00g	82.06	-3.94	97.52	97.6	92	o98y	
j25g	67.26	-26.87	74.67	79.36	110	y34l	
j50g	55.83	-43.45	57.11	71.76	127	y69l	
j75g	47.5	-54.18	38.3	66.35	145	i03c	
g00b	50.07	-44.09	14.13	46.3	162	i23c	
g25b	52.21	-35.66	-6.03	36.17	190	i55c	
g50b	53.9	-29.04	-21.87	36.36	217	i87c	
g75b	49.44	-15.51	-32.31	35.84	244	c20v	
b00r	41.36	1.15	-37.95	37.97	272	c53v	
b25r	28.74	27.19	-46.77	54.1	300	c87v	
b50r	33.74	61.97	-37.81	72.59	329	v68m	
b75r	40.08	64.26	-3.32	64.35	357	m33o	

$LAB^*cmyn^*$

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

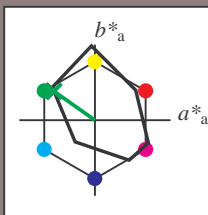
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

$lab^*rgb^*_{Ma}$ : 0.25 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmyn^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

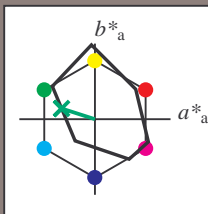
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; CIELAB-Daten

$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	38.8	54.41	35.65	65.05	33
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_e = g00b$   
 $LAB^*cmyn^*$

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$
r00j	39.18	56.94	27.13	63.07	25	m81o
r25j	42.41	49.1	44.5	66.26	42	o10y
r50j	52.78	35.22	58.37	68.17	59	o40y
r75j	64.82	19.12	74.47	76.89	76	o69y
j00g	82.06	-3.94	97.52	97.6	92	o98y
j25g	67.26	-26.87	74.67	79.36	110	y34l
j50g	55.83	-43.45	57.11	71.76	127	y69l
j75g	47.5	-54.18	38.3	66.35	145	l03c
g00b	50.07	-44.09	14.13	46.3	162	l23c
g25b	52.21	-35.66	-6.03	36.17	190	l55c
g50b	53.9	-29.04	-21.87	36.36	217	l87c
g75b	49.44	-15.51	-32.31	35.84	244	c20v
b00r	41.36	1.15	-37.95	37.97	272	c53v
b25r	28.74	27.19	-46.77	54.1	300	c87v
b50r	33.74	61.97	-37.81	72.59	329	v68m
b75r	40.08	64.26	-3.32	64.35	357	m33o

$LAB^*cmyn^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab \cdot h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab \cdot tch^*$  und  $lab \cdot icu^*$

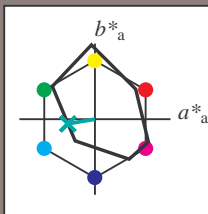
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB \cdot LAB \cdot Ma$ : 52 -36 -6

$LAB \cdot LCH \cdot Ma$ : 52 36 189

$lab \cdot rgb \cdot Ma$ : 0.0 1.0 0.5

$lab \cdot olv \cdot Ma$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB \cdot cmy \cdot n^*$

$i^* = 1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

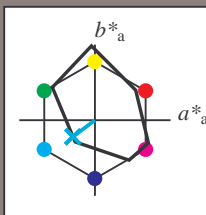
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmyn^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

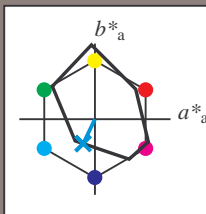
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

$lab^*rgb^*_{Ma}$ : 0.0 0.5 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

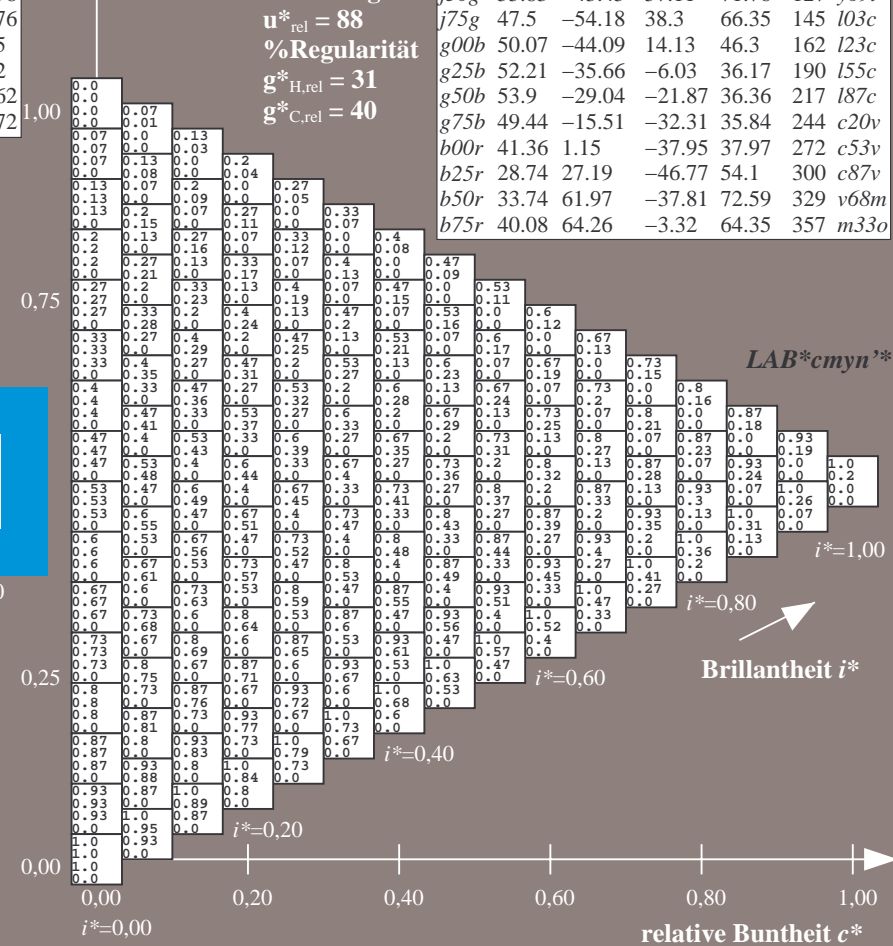
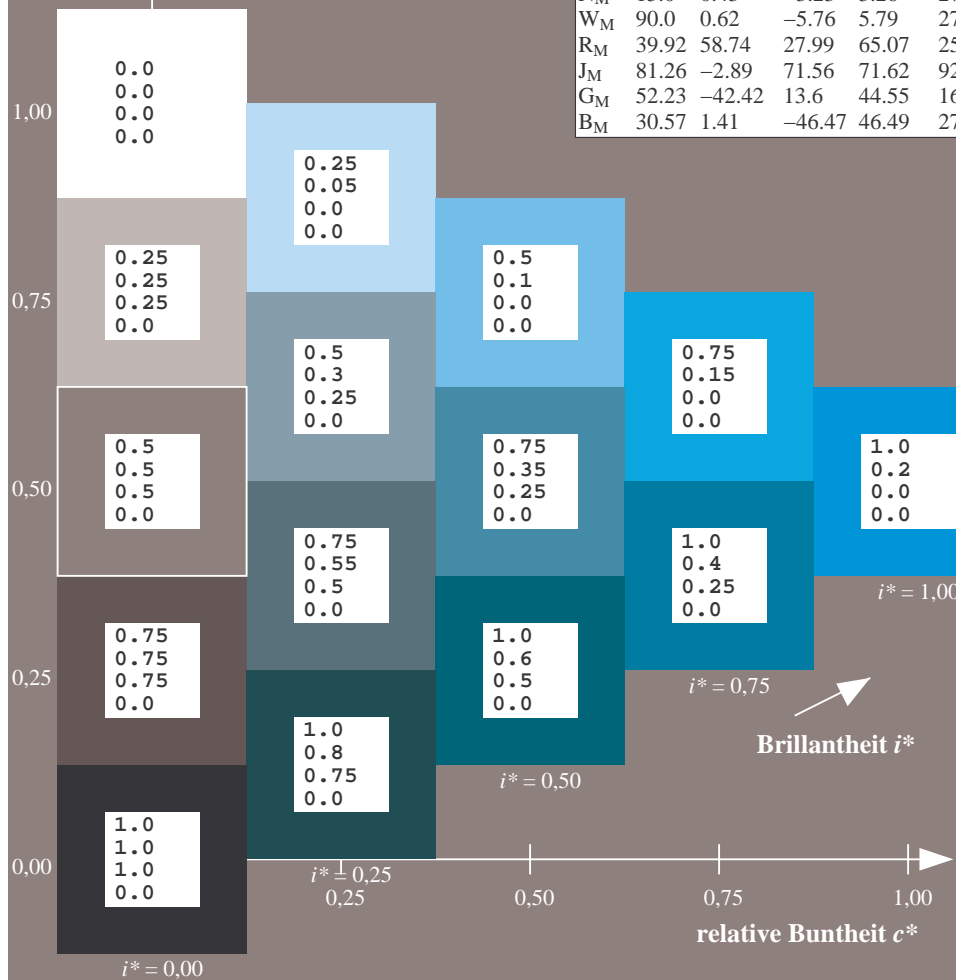
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_e = g75b$   
 $LAB^*cmyn^*$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

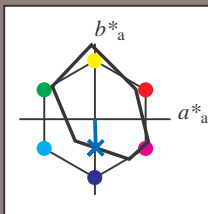
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

$lab^*rgb^*_{Ma}$ : 0.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	i03c			
g00b	50.07	-44.09	14.13	46.3	162	i23c			
g25b	52.21	-35.66	-6.03	36.17	190	i55c			
g50b	53.9	-29.04	-21.87	36.36	217	i87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmyn^*$

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

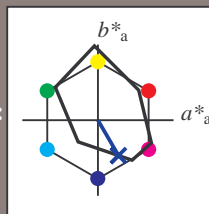
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

$lab^*rgb^*_{Ma}$ : 0.5 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmy^n^*$

$i^*=1.00$

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\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

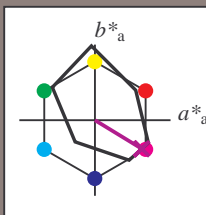
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

$lab^*rgb^*_{Ma}$ : 1.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmy^n^*$

$i^*=1.00$

Brillantheit  $i^*$

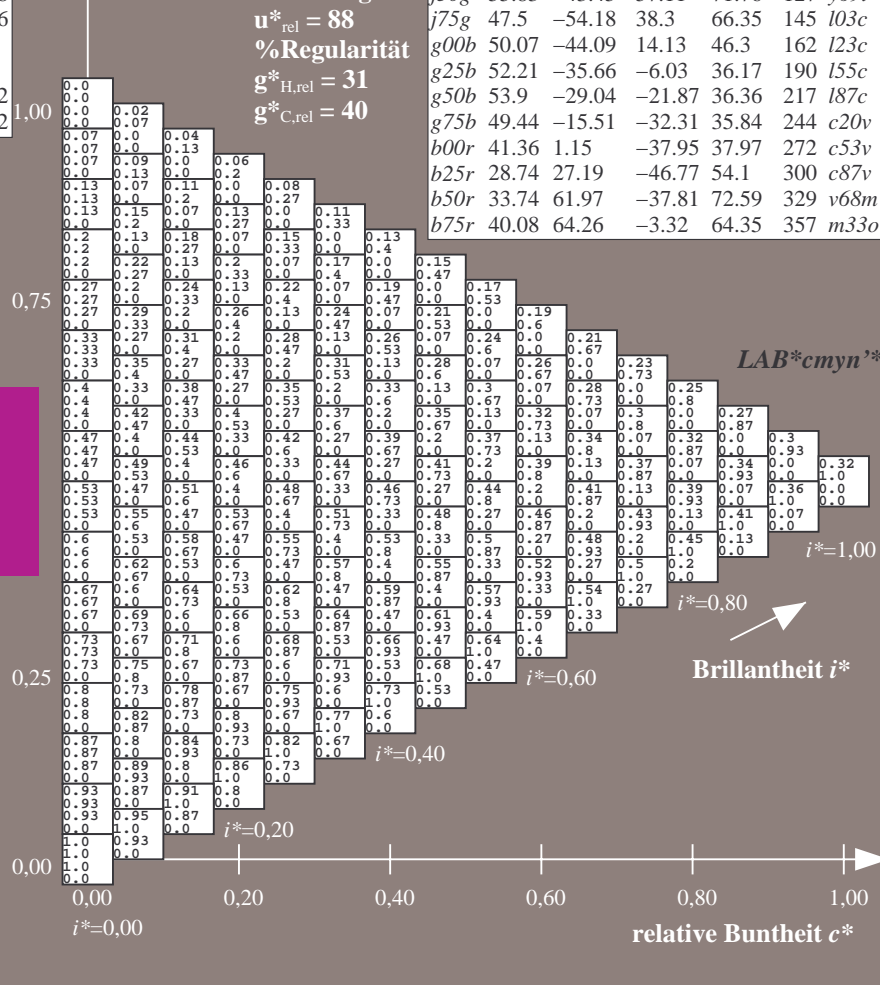
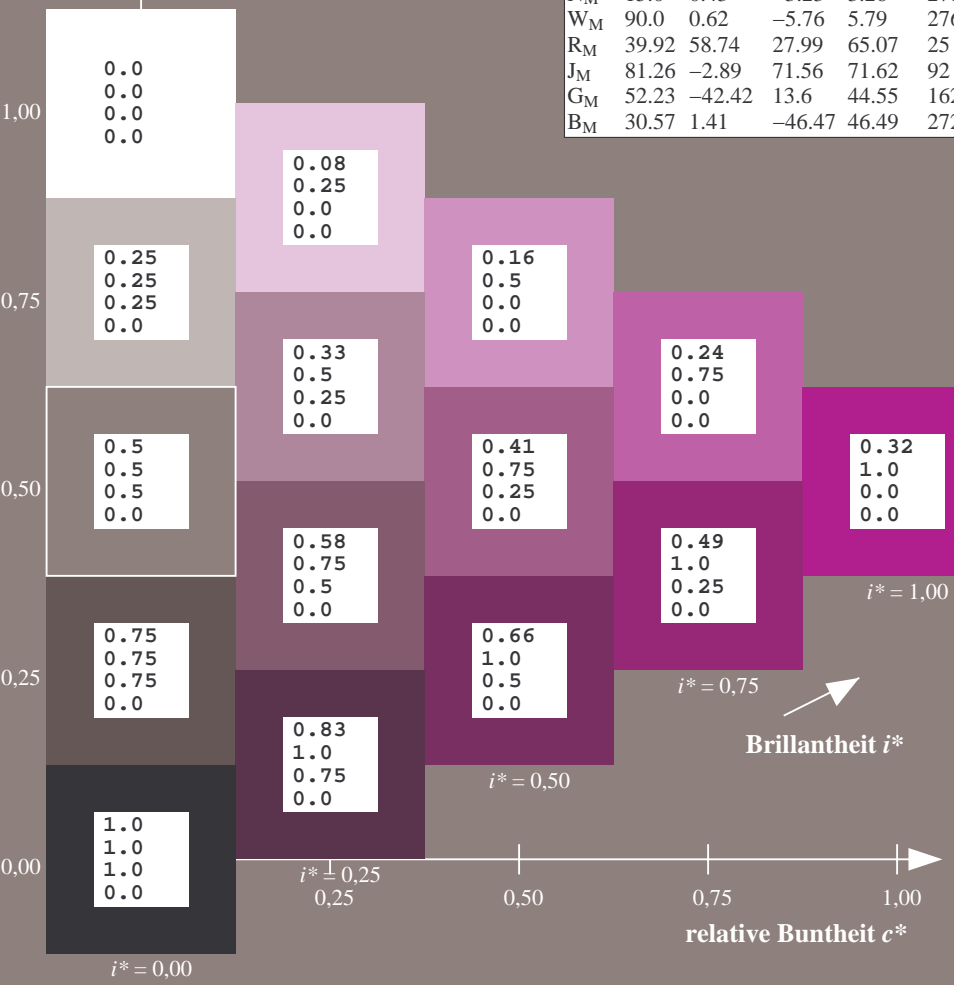
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

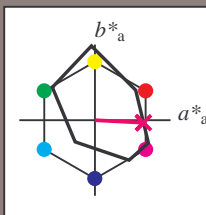
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_e$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.8	54.41	35.65	65.05	33	
Y <sub>M</sub>	82.58	-4.04	92.72	92.8	92	
L <sub>M</sub>	46.95	-55.83	39.15	68.19	145	
C <sub>M</sub>	54.62	-25.67	-33.25	42.01	232	
V <sub>M</sub>	20.01	45.64	-56.27	72.45	309	
M <sub>M</sub>	40.88	71.17	-34.09	78.92	334	
N <sub>M</sub>	15.0	0.43	-3.23	3.26	278	
W <sub>M</sub>	90.0	0.62	-5.76	5.79	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):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.5

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.66

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_e$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_d$			
r00j	39.18	56.94	27.13	63.07	25	m81o			
r25j	42.41	49.1	44.5	66.26	42	o10y			
r50j	52.78	35.22	58.37	68.17	59	o40y			
r75j	64.82	19.12	74.47	76.89	76	o69y			
j00g	82.06	-3.94	97.52	97.6	92	o98y			
j25g	67.26	-26.87	74.67	79.36	110	y34l			
j50g	55.83	-43.45	57.11	71.76	127	y69l			
j75g	47.5	-54.18	38.3	66.35	145	l03c			
g00b	50.07	-44.09	14.13	46.3	162	l23c			
g25b	52.21	-35.66	-6.03	36.17	190	l55c			
g50b	53.9	-29.04	-21.87	36.36	217	l87c			
g75b	49.44	-15.51	-32.31	35.84	244	c20v			
b00r	41.36	1.15	-37.95	37.97	272	c53v			
b25r	28.74	27.19	-46.77	54.1	300	c87v			
b50r	33.74	61.97	-37.81	72.59	329	v68m			
b75r	40.08	64.26	-3.32	64.35	357	m33o			

$LAB^*cmy^n^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*cmy* <sup>92</sup>
01	00																																					

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg33/>; [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