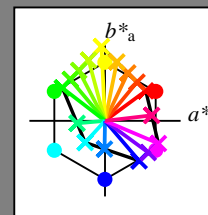


Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d = 16$  Bunttoene  $o00y, o25y, \dots, m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%Umfang

$u^*_{rel} = 88$

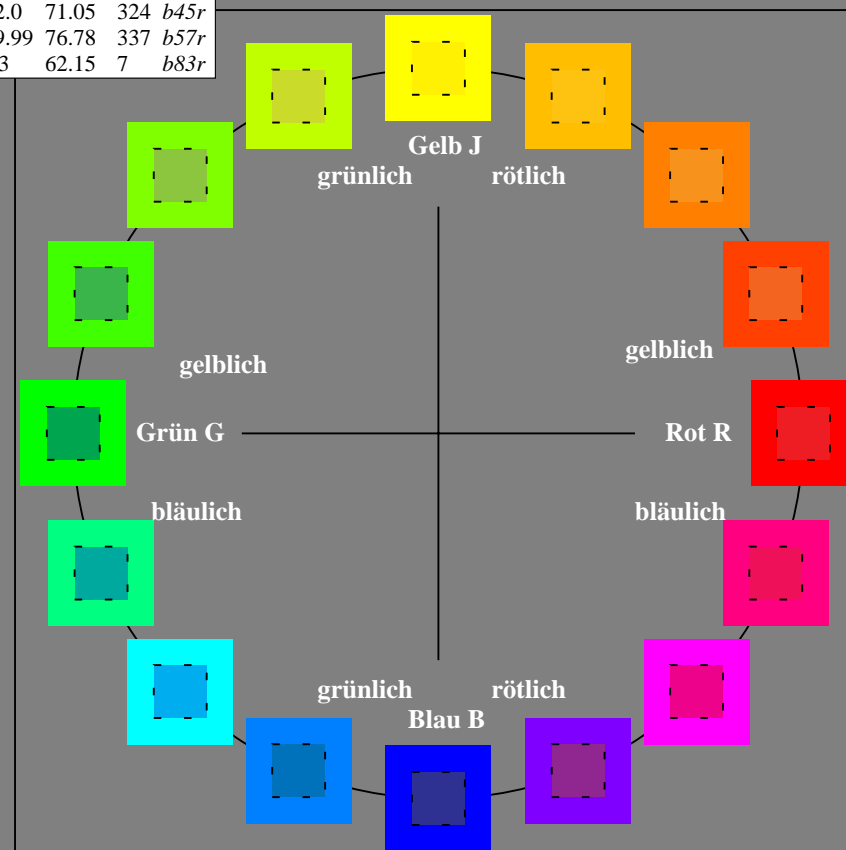
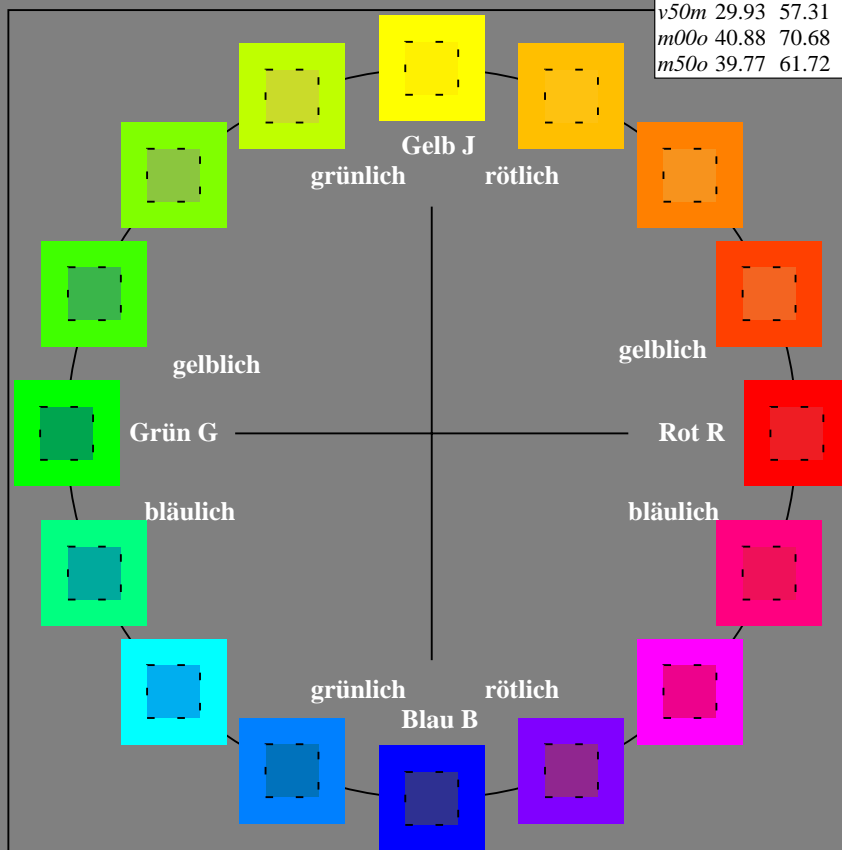
%Regularität

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

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

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
$O_{CIE}$	39.92	58.74	27.99	65.07	92
$Y_{CIE}$	81.26	-2.89	71.56	71.62	95
$L_{CIE}$	52.23	-42.42	13.6	44.55	162
$V_{CIE}$	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$

Daten für jede Farbe:

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

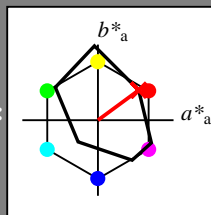
Bunttontexte:

$u^*_d = o00y$   $u^*_e = r16j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 39 54 40

$LAB^*LCH^*Ma$ : 39 67 36

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

$lab^*rgb^*Ma$ : 1.0 0.16 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

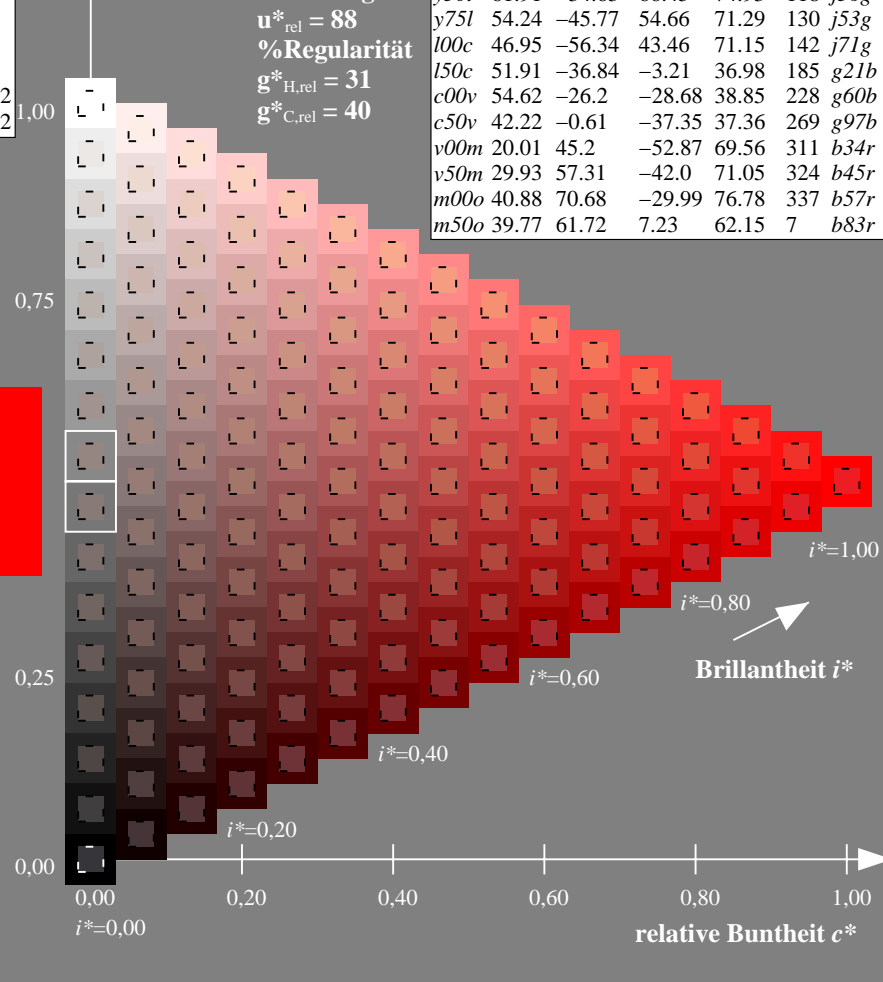
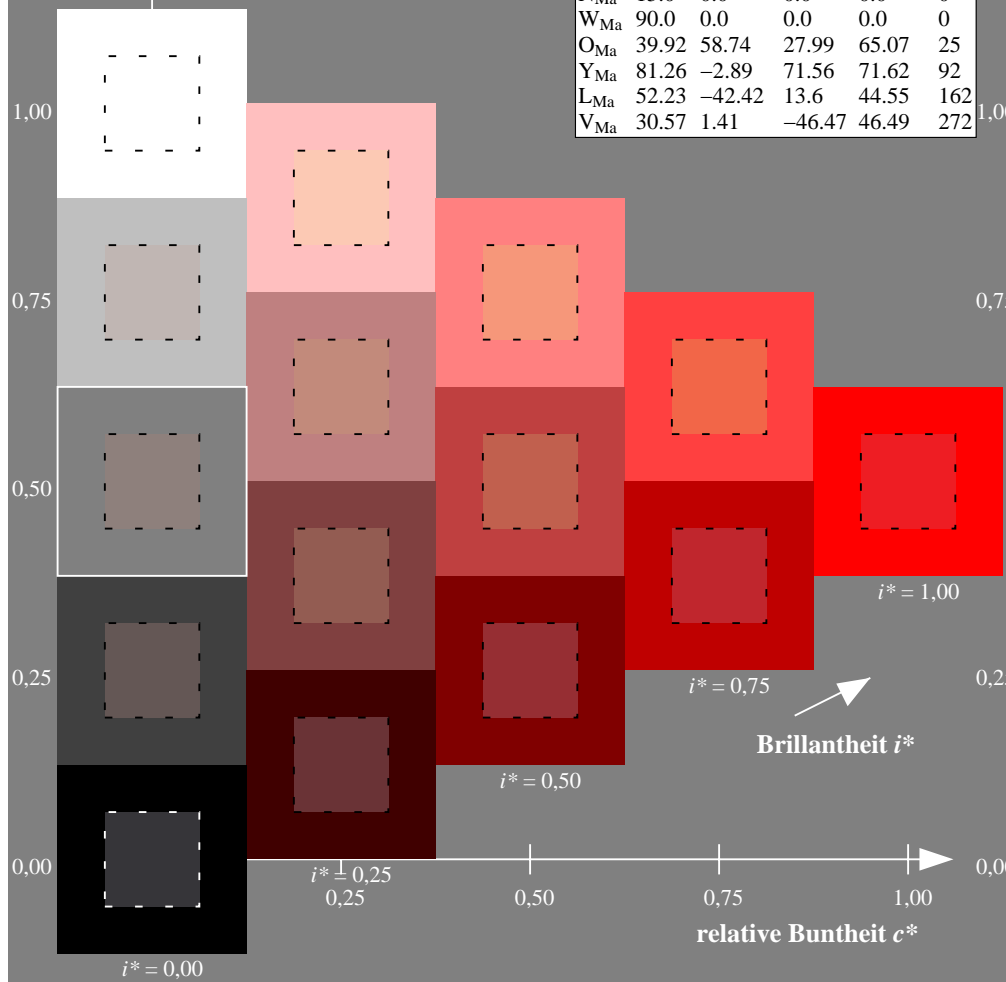
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

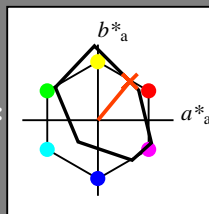
Bunttontexte:

$u^*_d = o25y$   $u^*_e = r37j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 42 51

$LAB^*LCH^*_{Ma}$ : 47 66 50

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

$lab^*rgb^*_{Ma}$ : 1.0 0.37 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

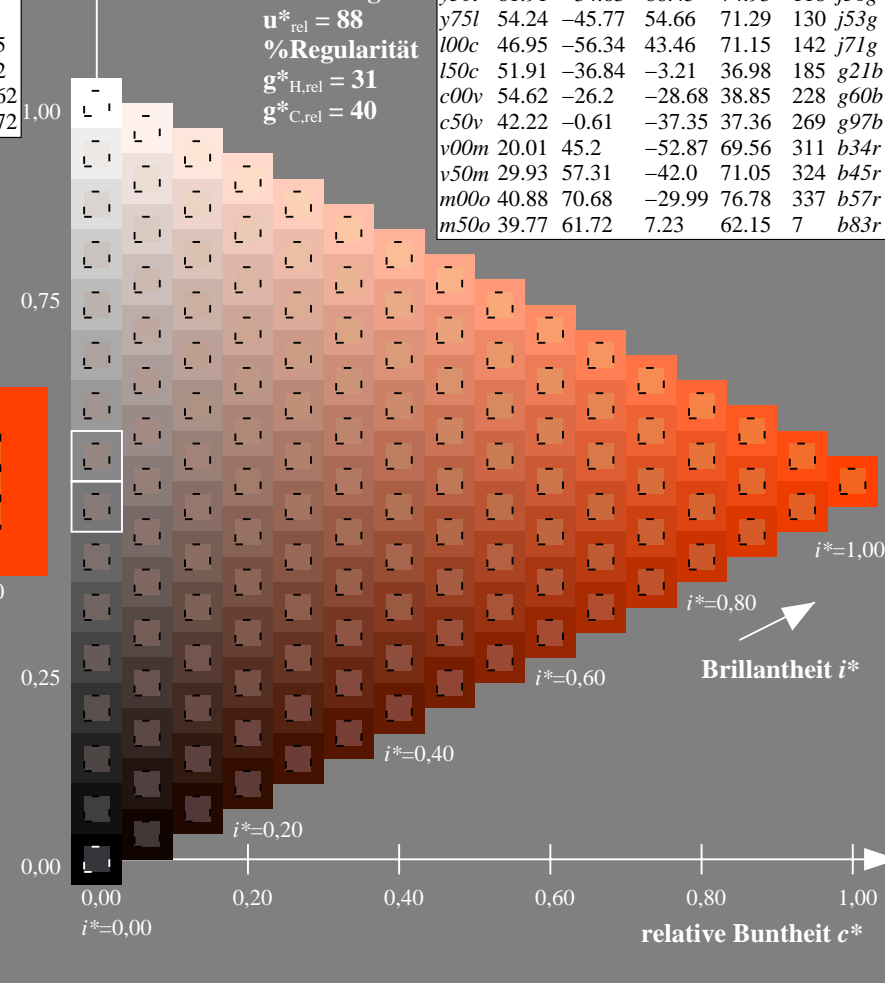
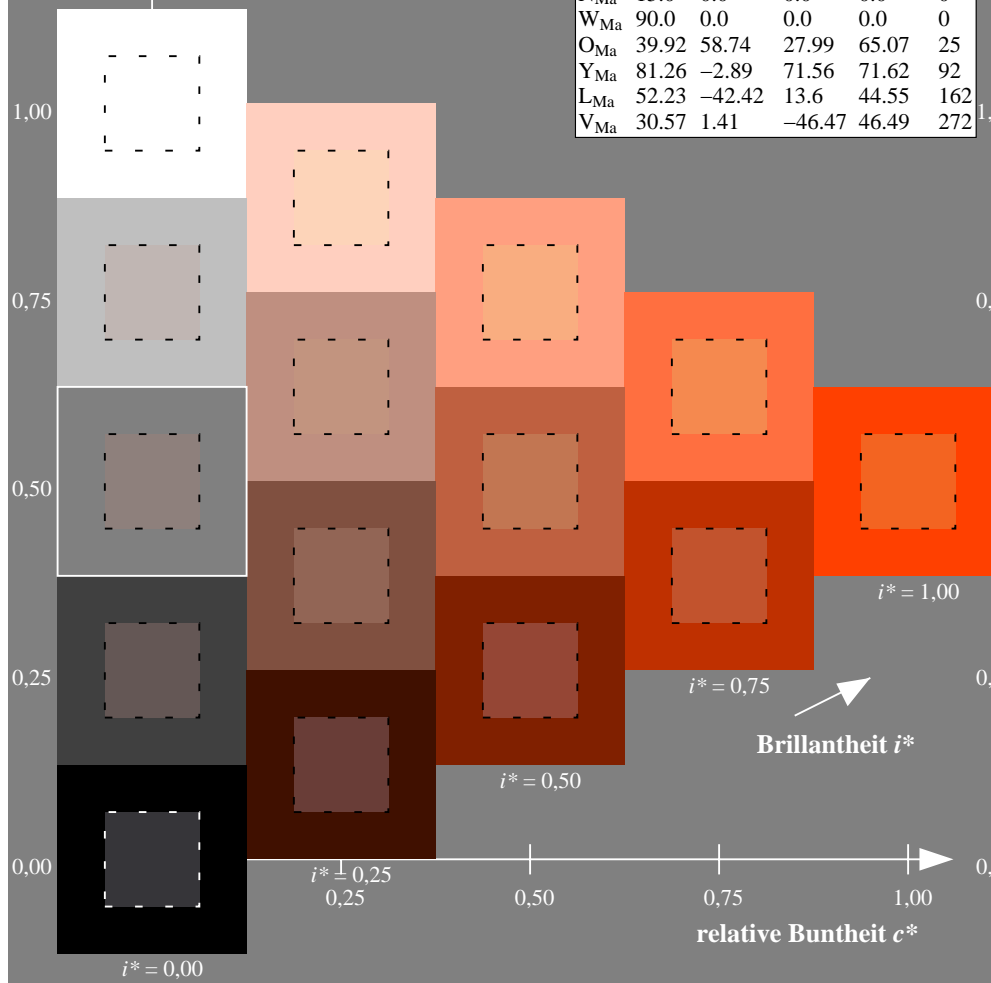
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$

Daten für jede Farbe:

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

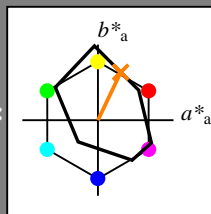
Bunttontexte:

$u^*_d = o50y$   $u^*_e = r58j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 57 30 63

$LAB^*LCH^*Ma$ : 57 70 64

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

$lab^*rgb^*Ma$ : 1.0 0.58 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

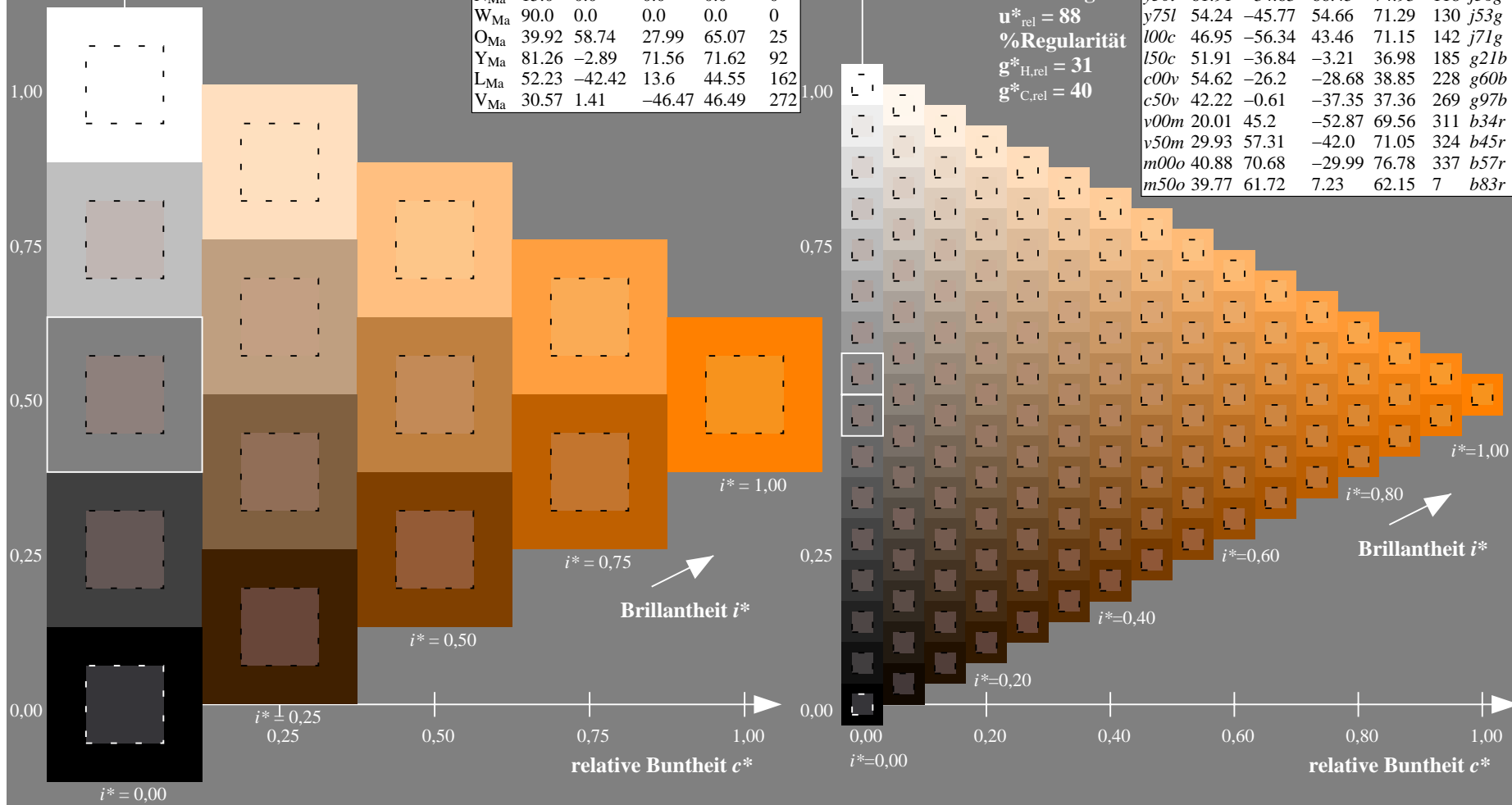
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$

Daten für jede Farbe:

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

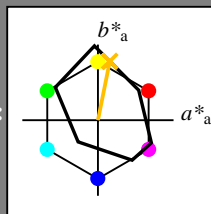
Bunttontexte:

$u^*_d = o75y$   $u^*_e = r79j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 16 78

$LAB^*LCH^*_{Ma}$ : 67 79 78

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

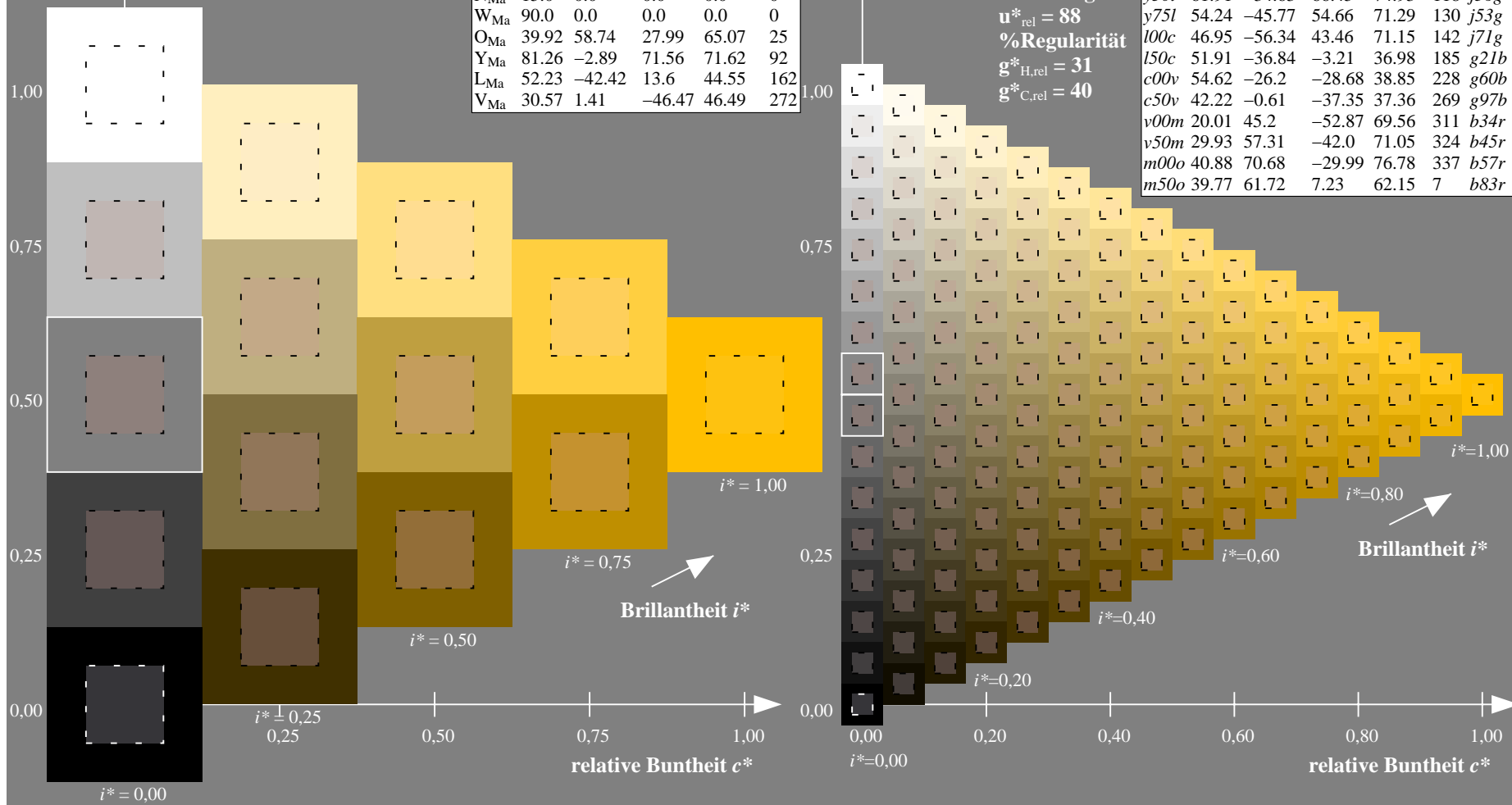
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$

Daten für jede Farbe:

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

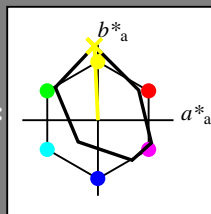
Bunttontexte:

$u^*_d = y00l$   $u^*_e = j01g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -5 98

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

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

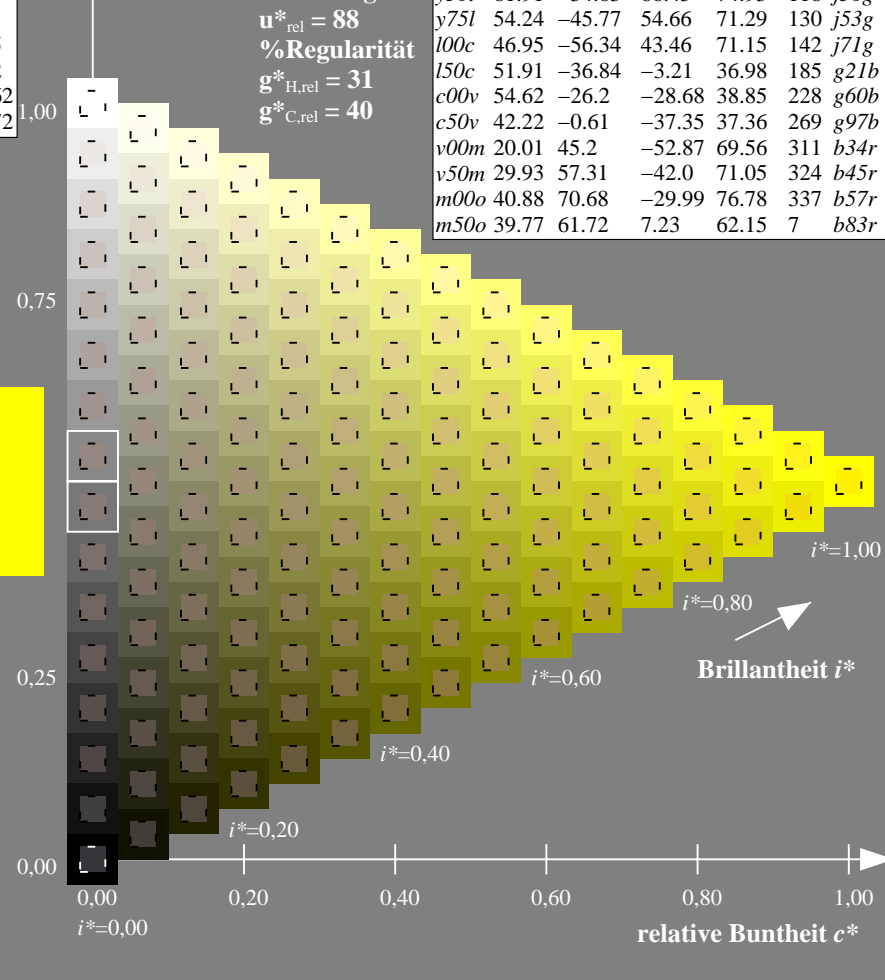
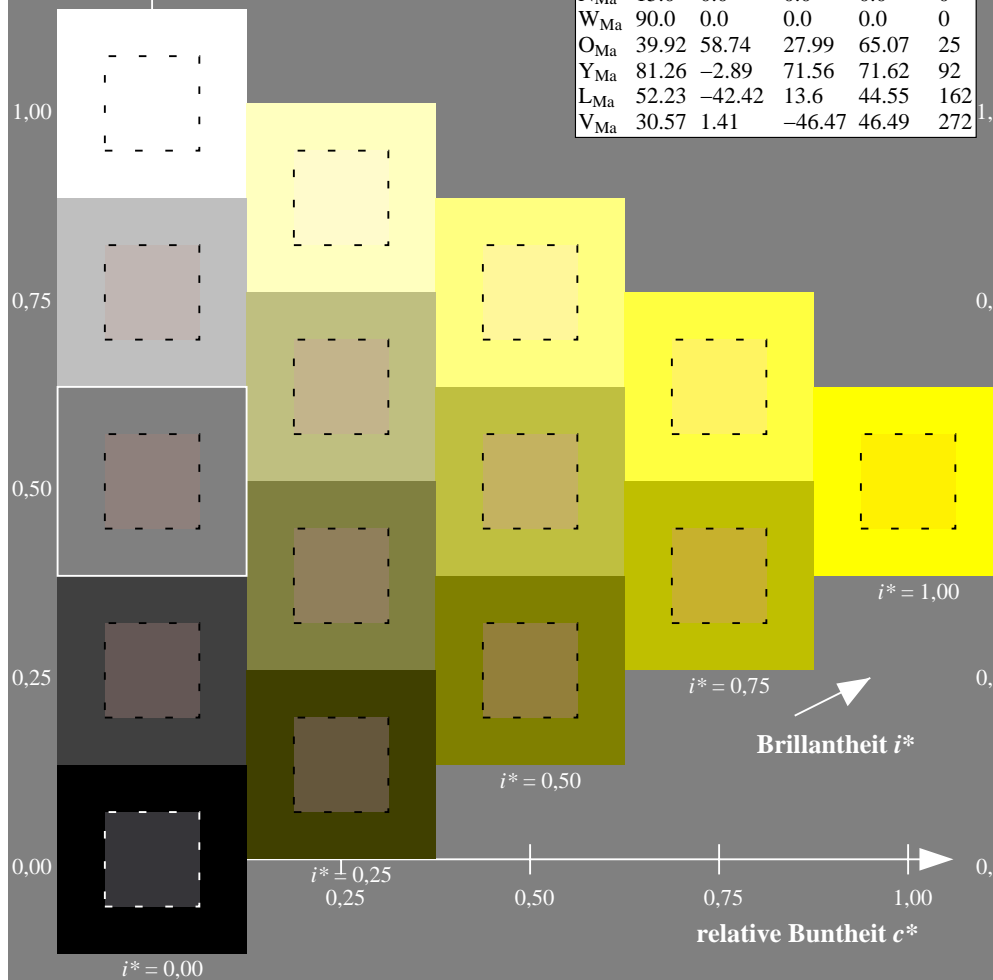
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.292$

Daten für jede Farbe:

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

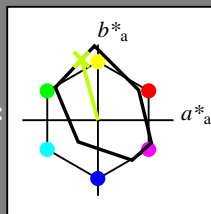
Bunttontexte:

$u^*_d = y25l$   $u^*_e = j18g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 71 -22 80

$LAB^*LCH^*_{Ma}$ : 71 83 105

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

$lab^*rgb^*_{Ma}$ : 0.82 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

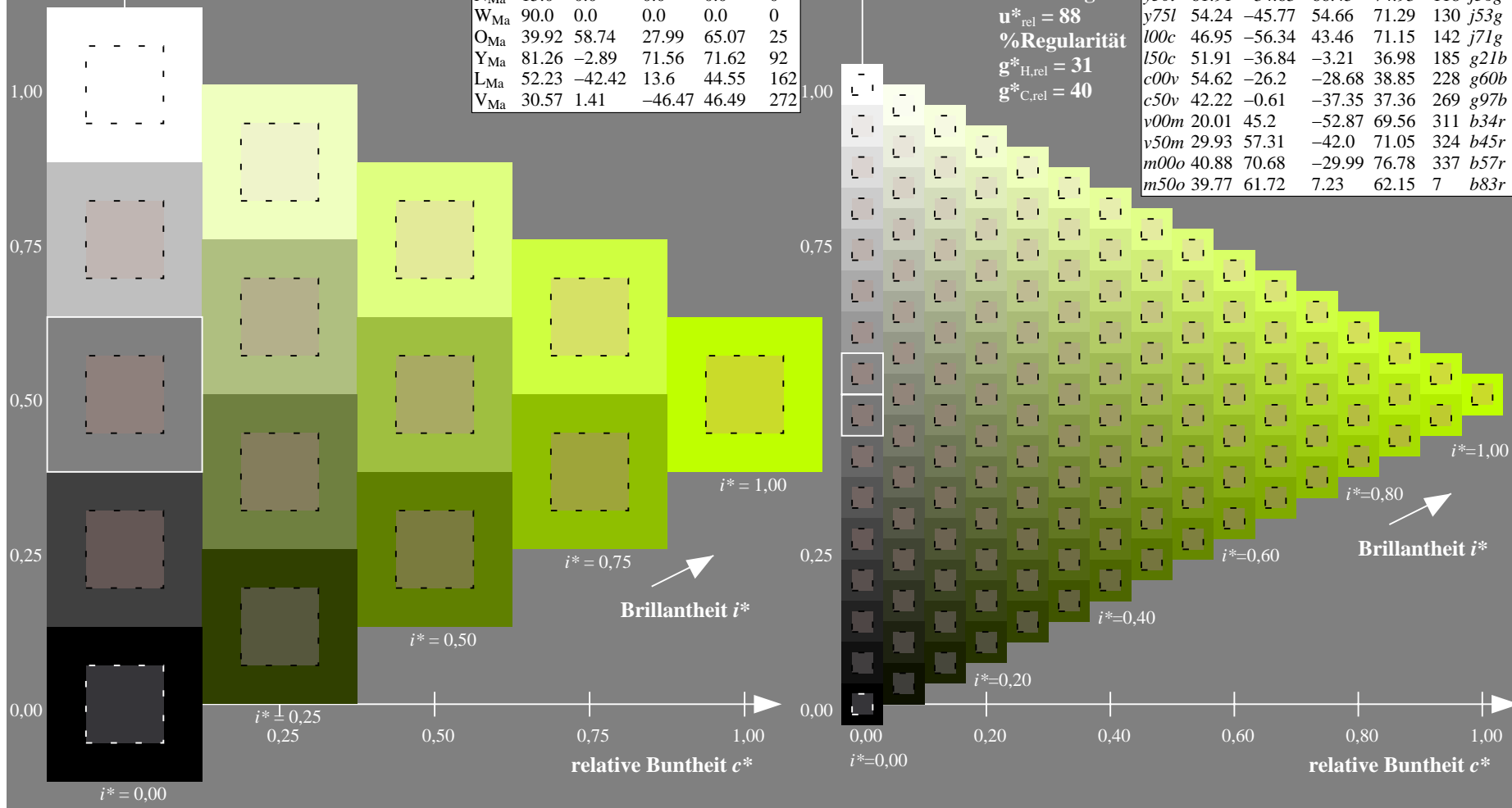
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.326$

Daten für jede Farbe:

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

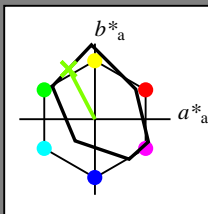
Bunttontexte:

$u^*_d = y50l$   $u^*_e = j36g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 62 -35 66

$LAB^*LCH^*Ma$ : 62 75 117

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

$lab^*rgb^*Ma$ : 0.64 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

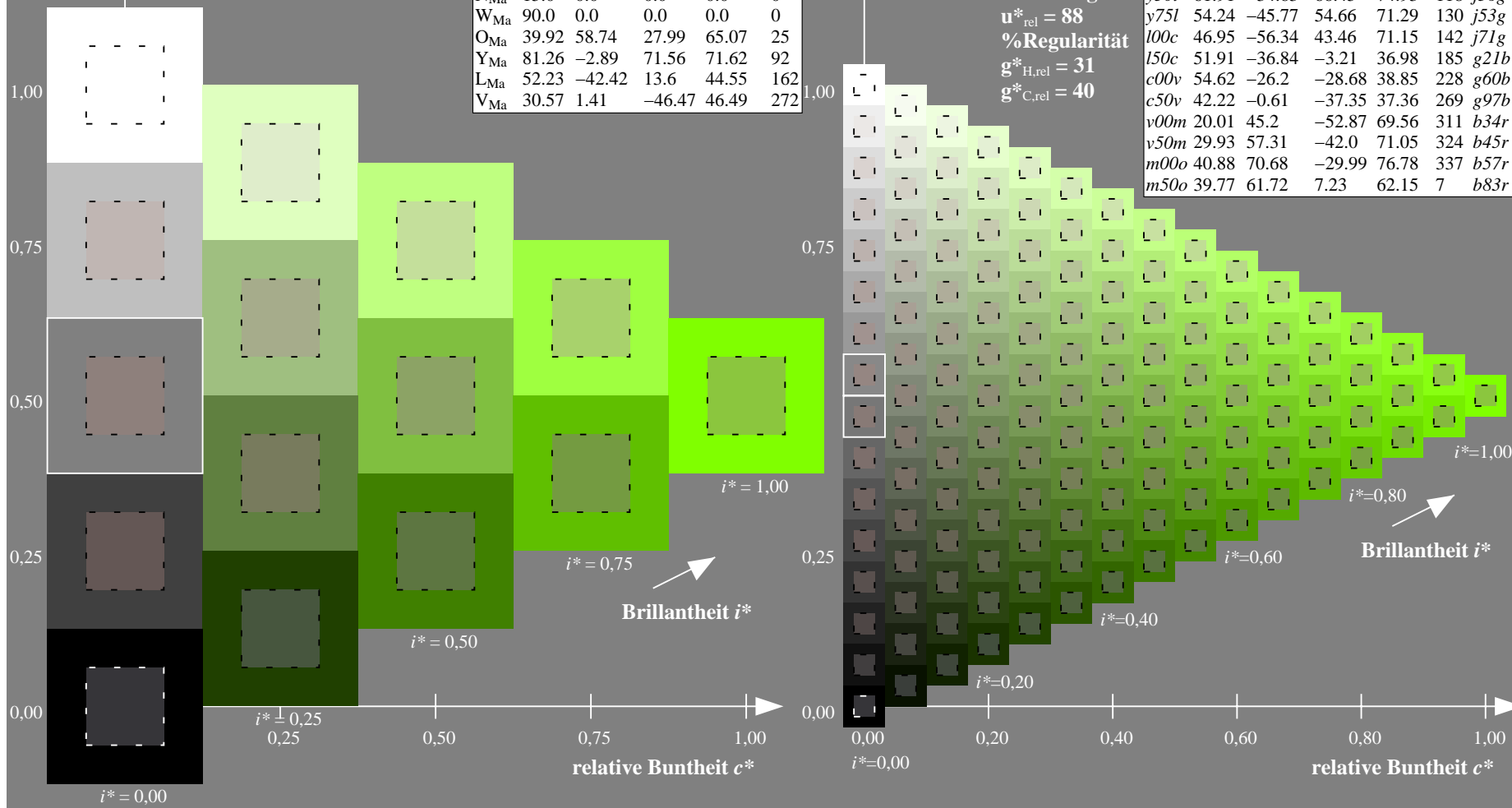
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.361$

Daten für jede Farbe:

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

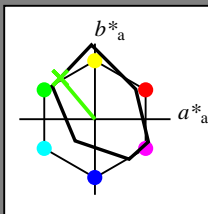
Bunttontexte:

$u^*_d = y75l$   $u^*_e = j53g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -46 55

$LAB^*LCH^*_{Ma}$ : 54 71 129

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

$lab^*rgb^*_{Ma}$ : 0.46 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

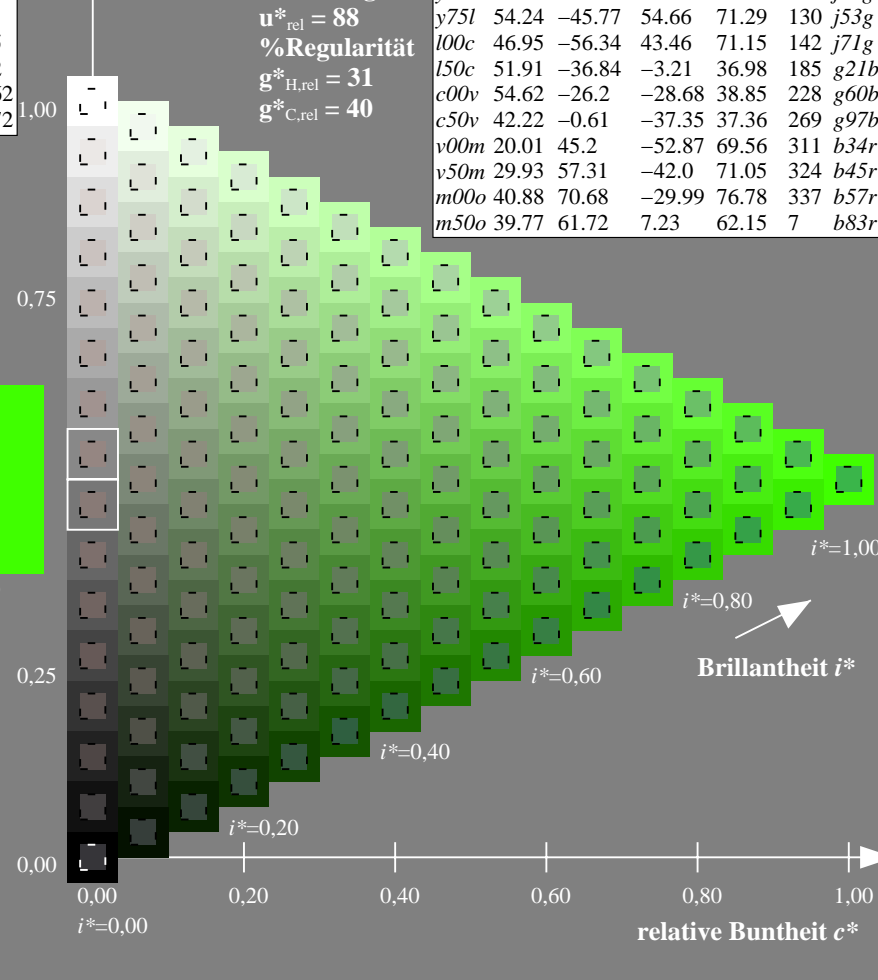
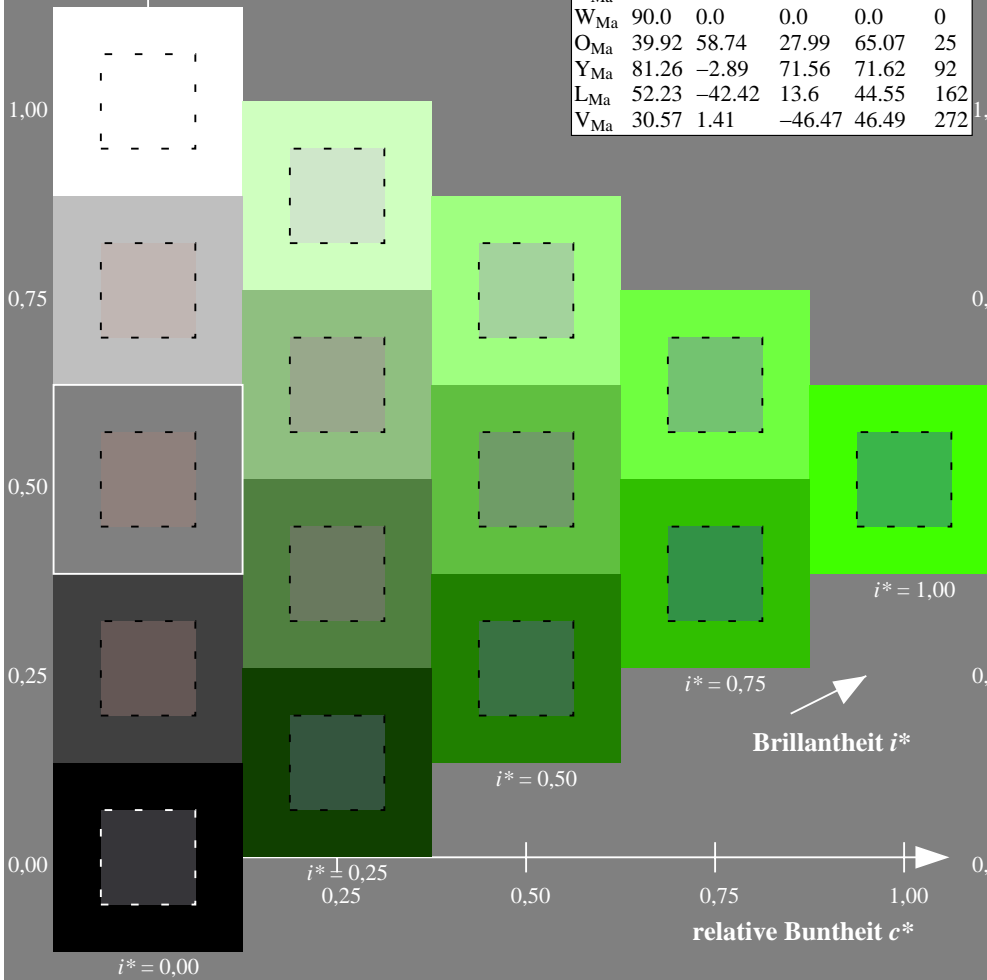
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.395$

Daten für jede Farbe:

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

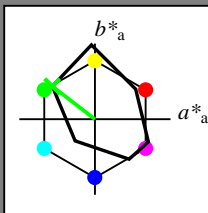
Bunttontexte:

$u^*_d = 100c$   $u^*_e = j71g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -56 43

$LAB^*LCH^*_{Ma}$ : 47 71 142

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

$lab^*rgb^*_{Ma}$ : 0.28 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

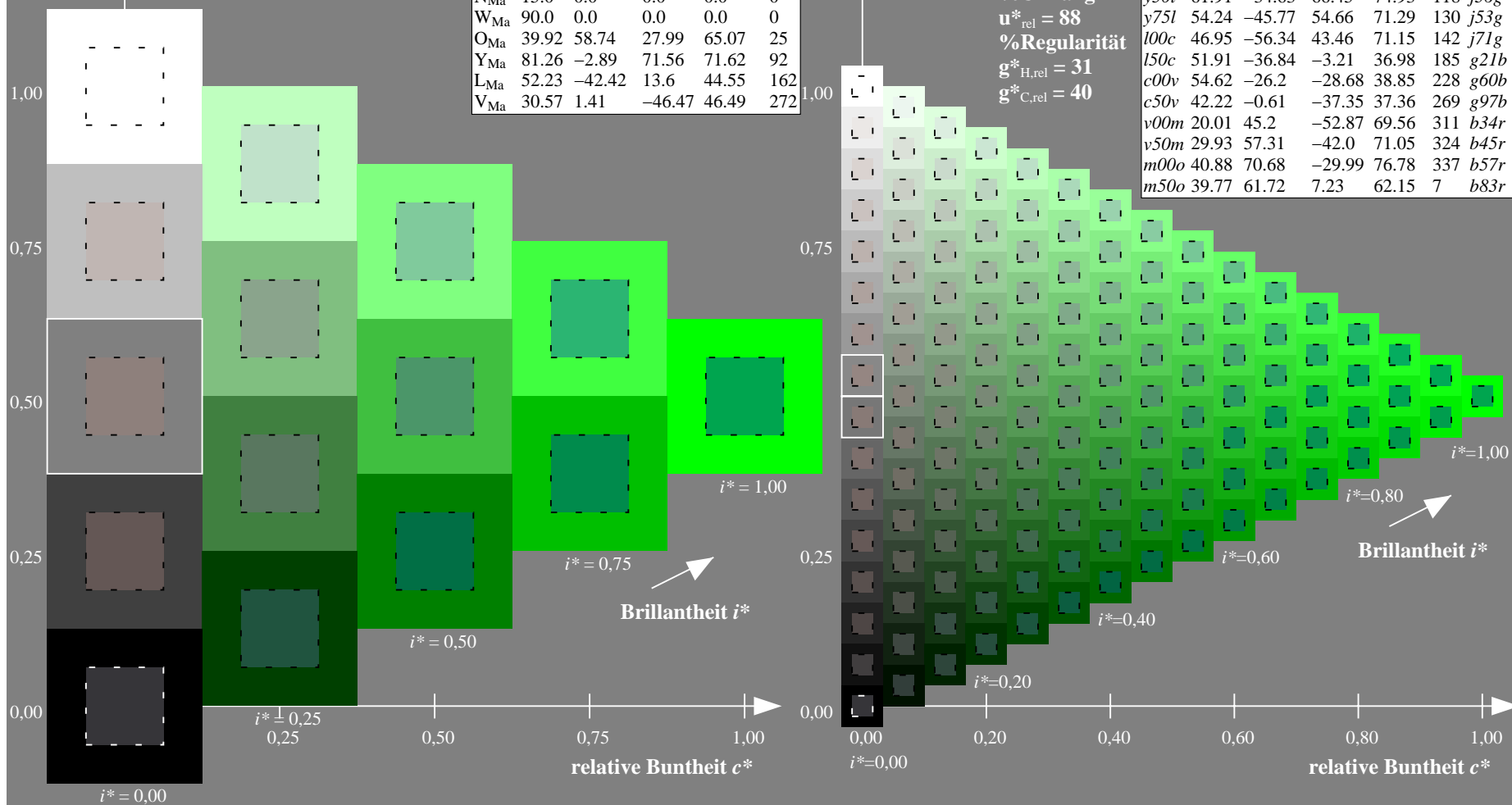
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.514$

Daten für jede Farbe:

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

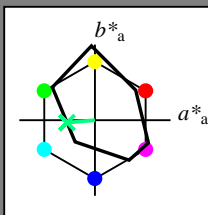
Bunttontexte:

$u^*_d = l50c$   $u^*_e = g21b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -37 -3

$LAB^*LCH^*_{Ma}$ : 52 37 184

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

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.42

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

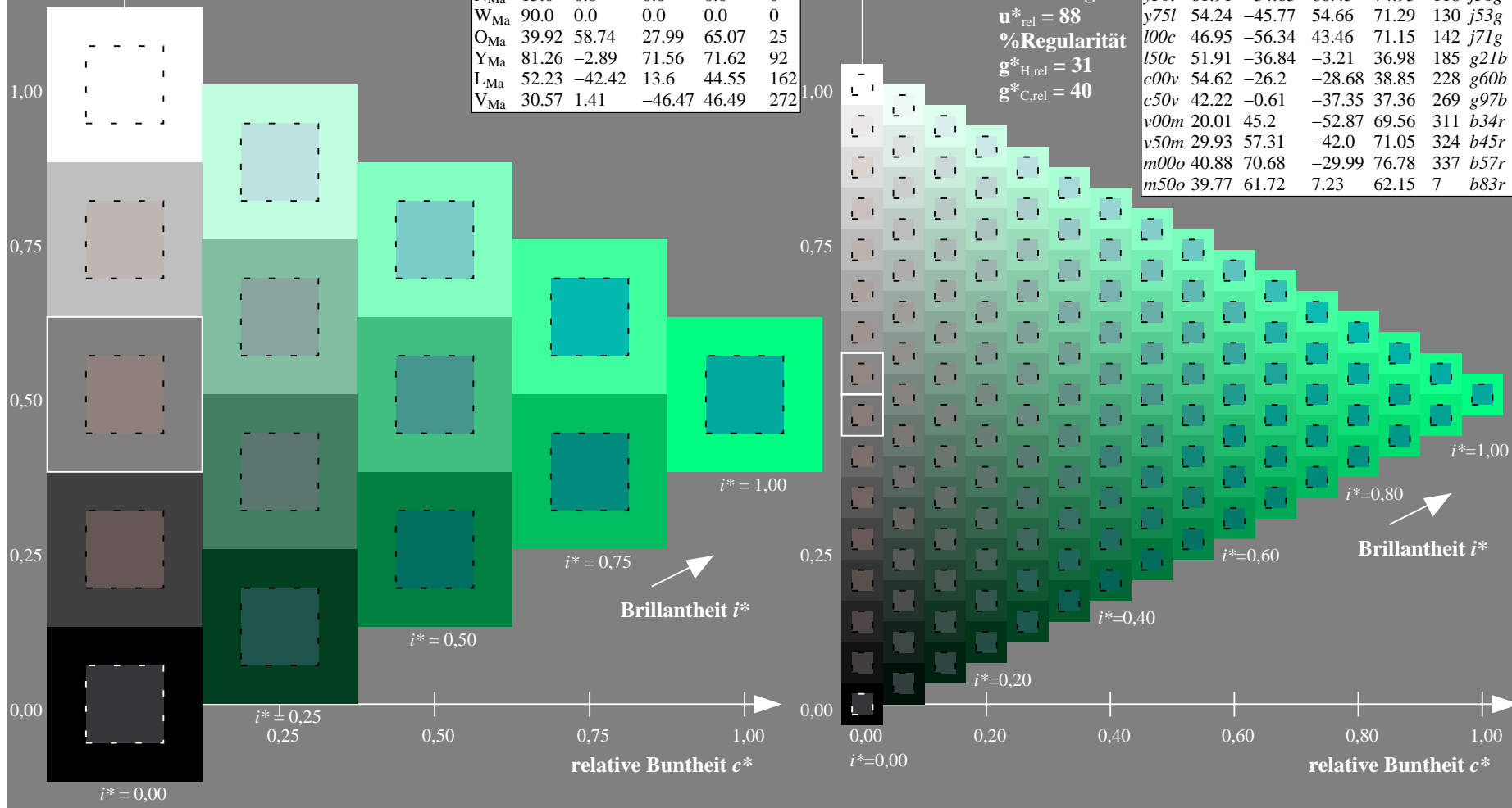
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$

Daten für jede Farbe:

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

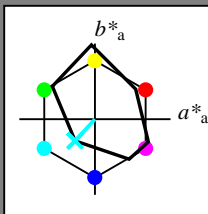
Bunttontexte:

$u^*_d = c00v$   $u^*_e = g60b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 55 -26 -29

$LAB^*LCH^*_{Ma}$ : 55 39 227

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

$lab^*rgb^*_{Ma}$ : 0.0 0.81 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

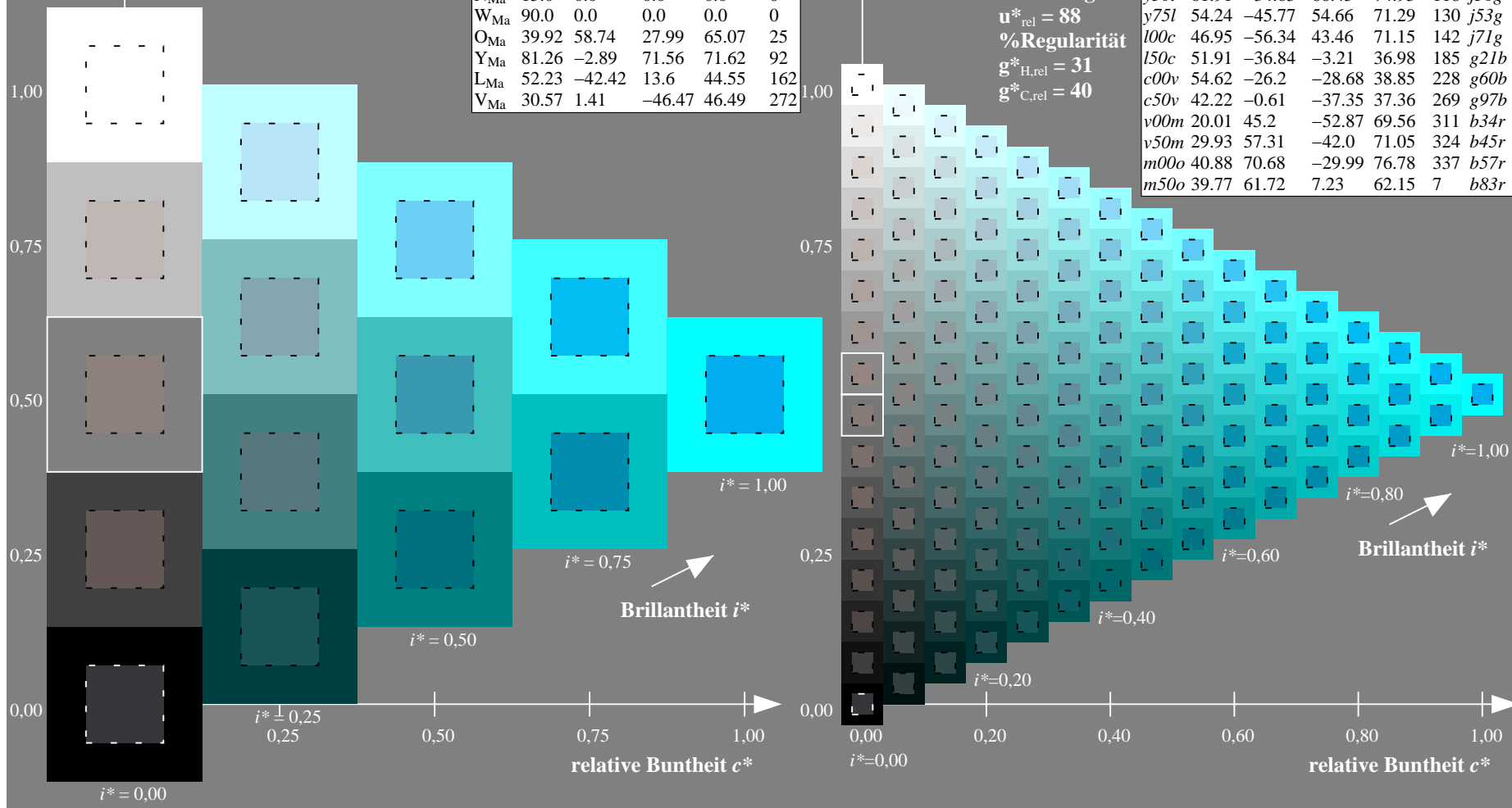
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>

$u^*_d = c00v$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$

Daten für jede Farbe:

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

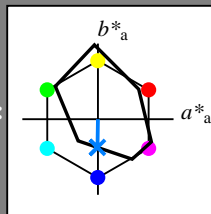
Bunttontexte:

$u^*_d = c50v$   $u^*_e = g97b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 -1 -37

$LAB^*LCH^*_{Ma}$ : 42 37 269

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

$lab^*rgb^*_{Ma}$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

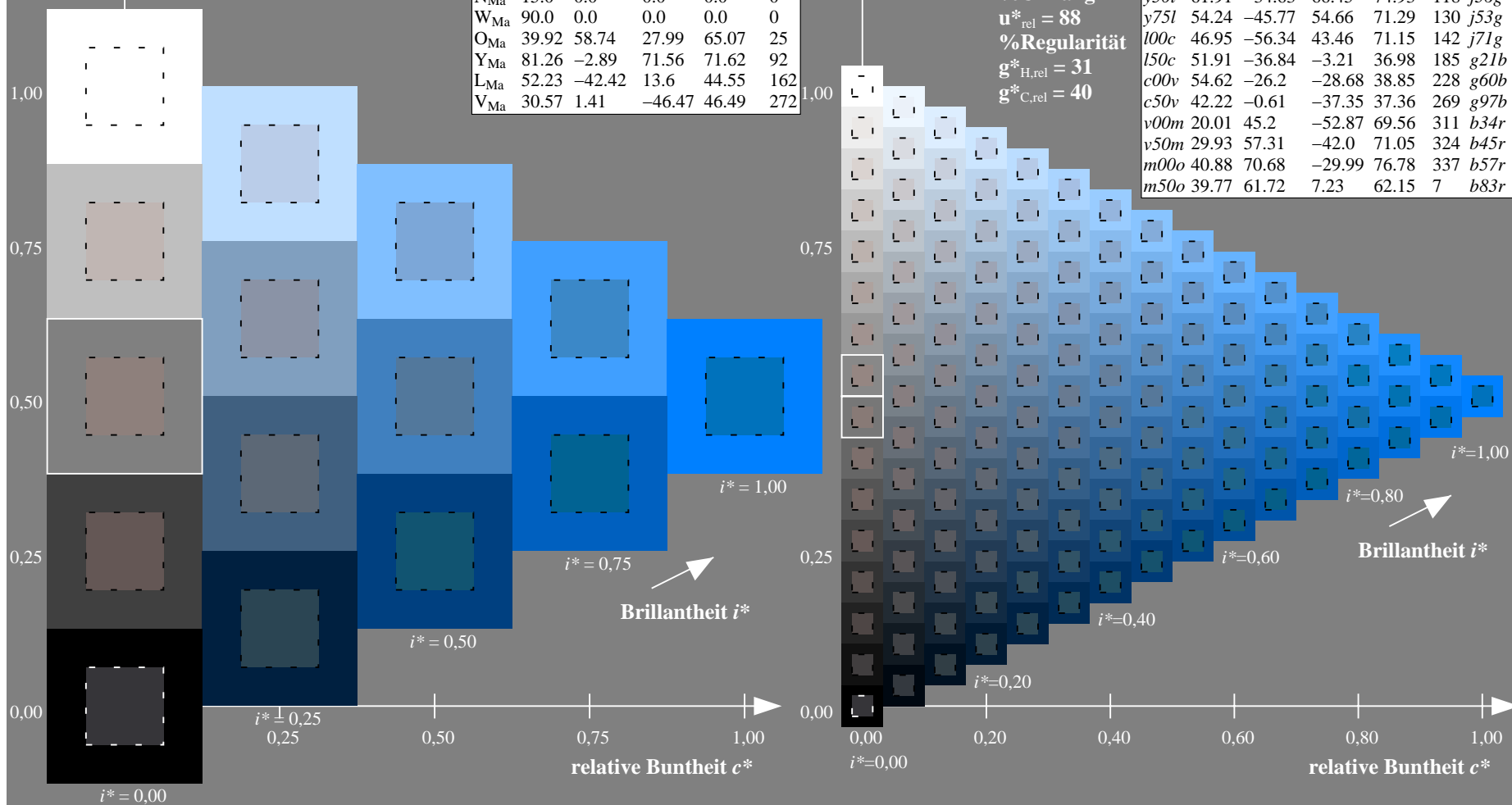
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.863$

Daten für jede Farbe:

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

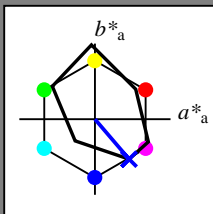
Bunttontexte:

$u^*_d = v00m$   $u^*_e = b34r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 20 45 -53

$LAB^*LCH^*_{Ma}$ : 20 70 310

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

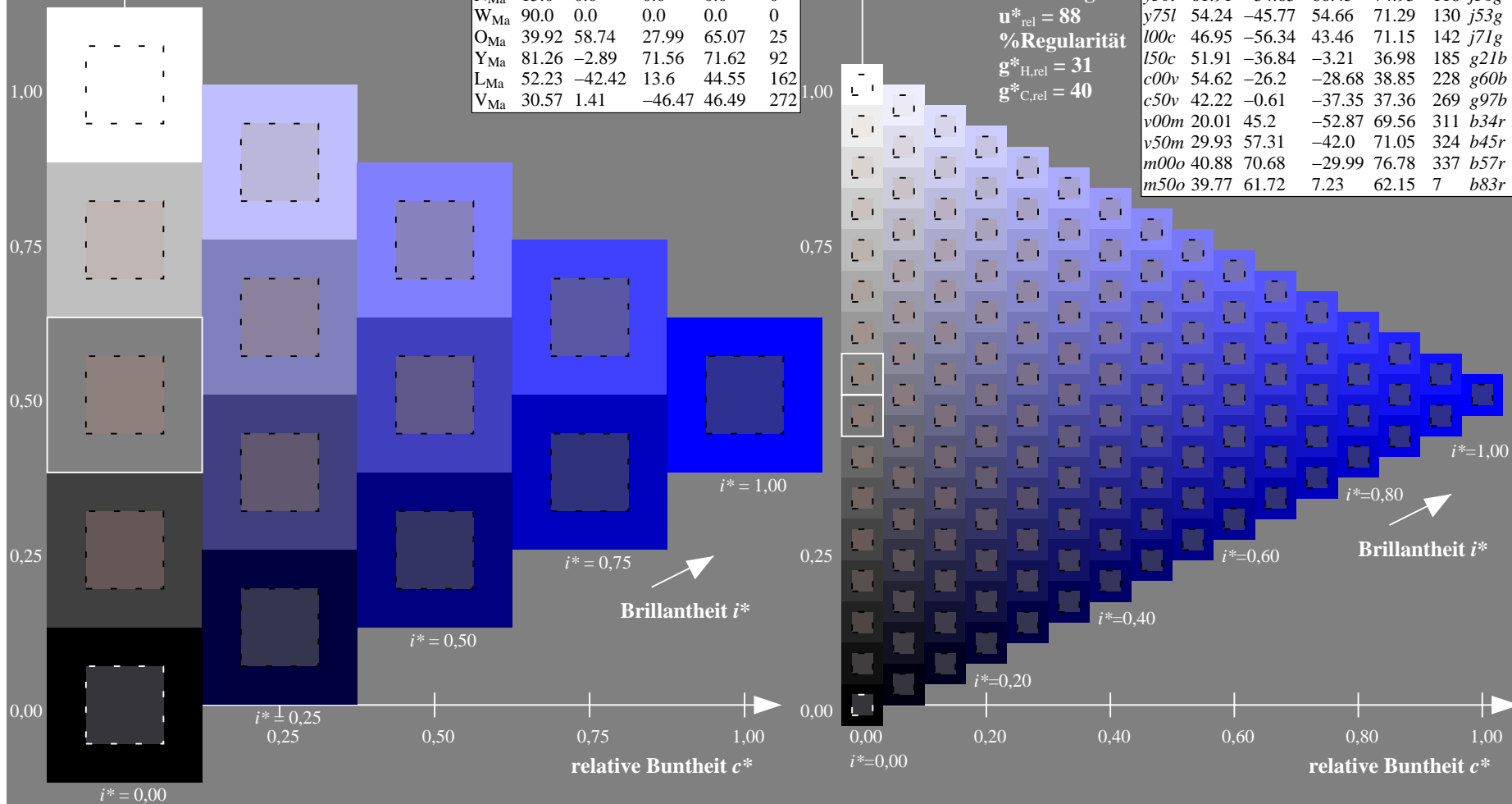
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$

Daten für jede Farbe:

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

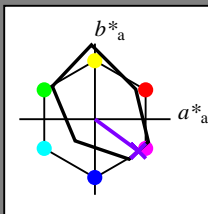
Bunttontexte:

$u^*_d = v50m$   $u^*_e = b45r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 57 -42

$LAB^*LCH^*_{Ma}$ : 30 71 323

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

$lab^*rgb^*_{Ma}$ : 0.91 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

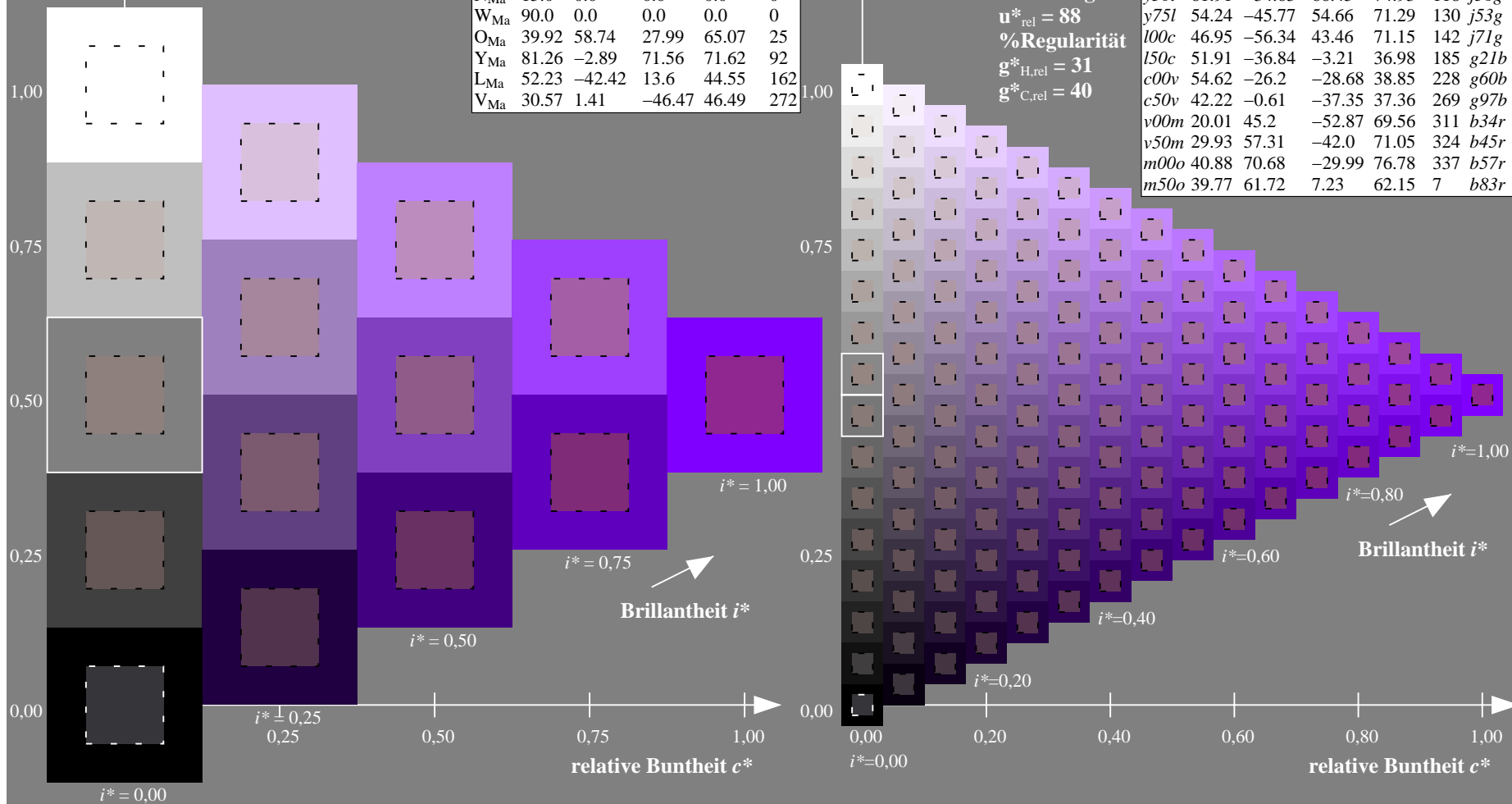
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.936$

Daten für jede Farbe:

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

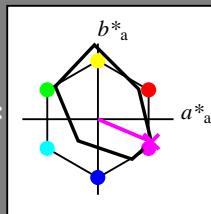
Bunttontexte:

$u^*_d = m00o$   $u^*_e = b57r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 71 -30

$LAB^*LCH^*_{Ma}$ : 41 77 337

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.85

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

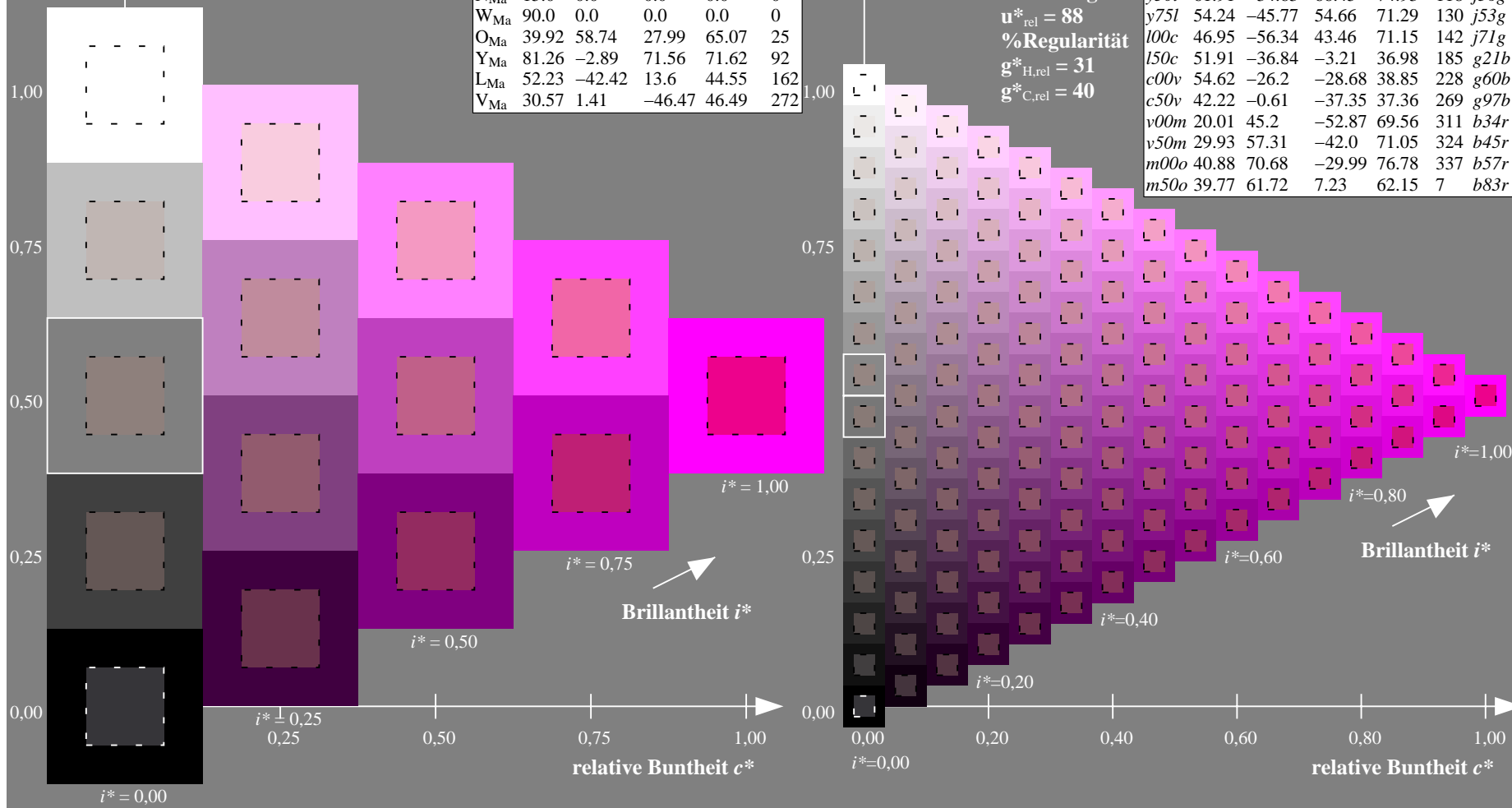
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>





Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.019$

### Daten für jede Farbe:

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

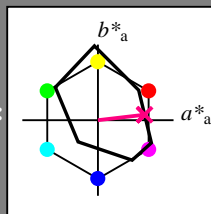
### Bunttexte:

$$u^*_d = m50o \quad u^*_e = b83r$$

**Kontrastreduzierungsfaktor:**

 $c_D = 0.9$ 

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

**Daten für Maximalfarbe (Ma):**

LAB\*LAB\*Mo: 40 62 7

LAB LAB Ma. 40 62 7  
LAB\*LCII\* 40 62 6

***LAB\*LCH*\*<sub>Ma</sub>: 40 62 6**

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

*lab\*rgb\*\_Ma: 1.0 0.0 0.33*

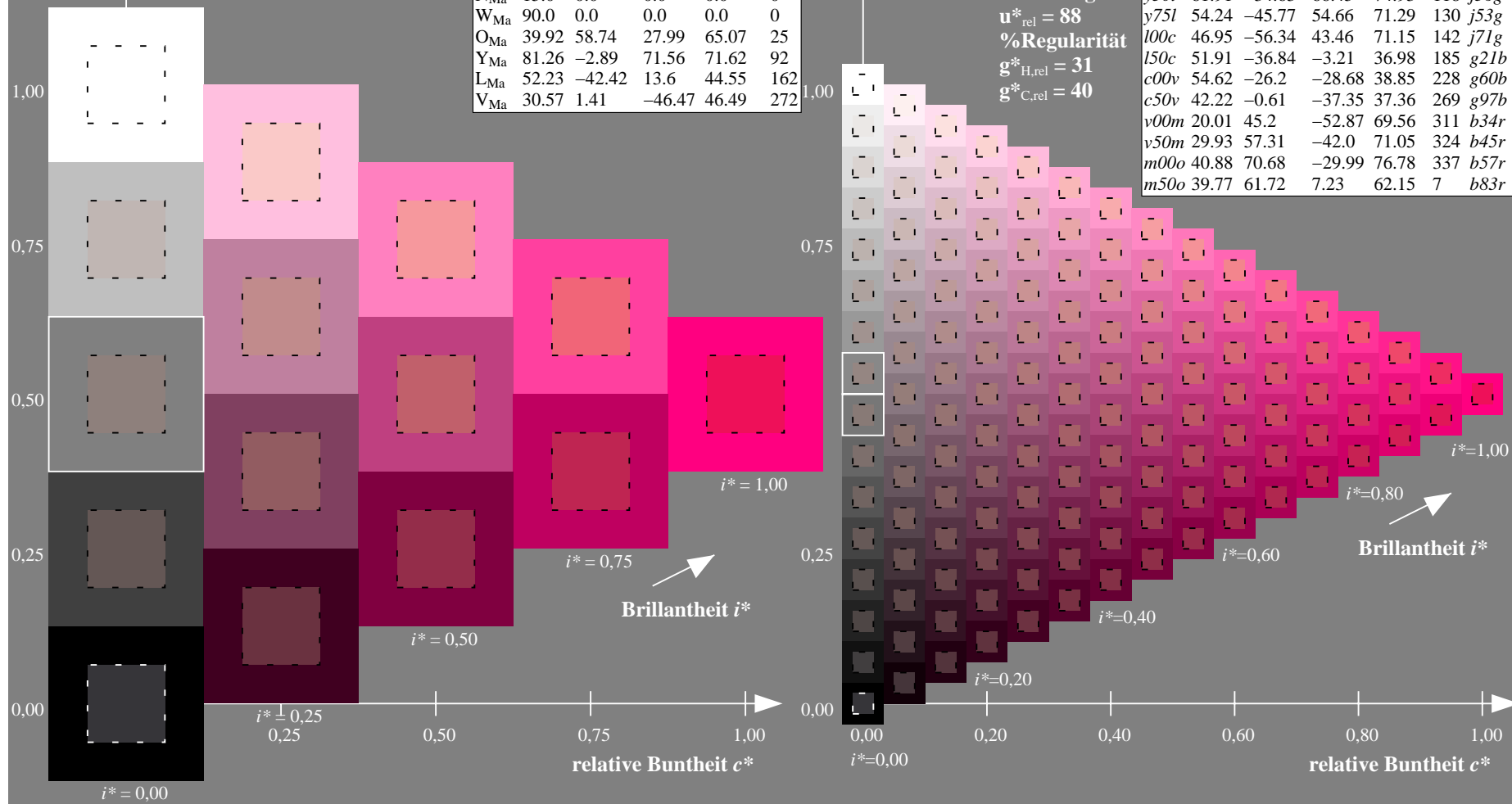
### Dreiecks-Helligkeit $t^*$

FRS09\_92aM; adaptierte CIELAB-Daten

$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_e^*$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>


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

### %Regularität

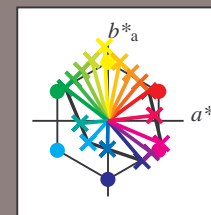
$$g^*_{H,rel} = 31$$


Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg63/>; [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



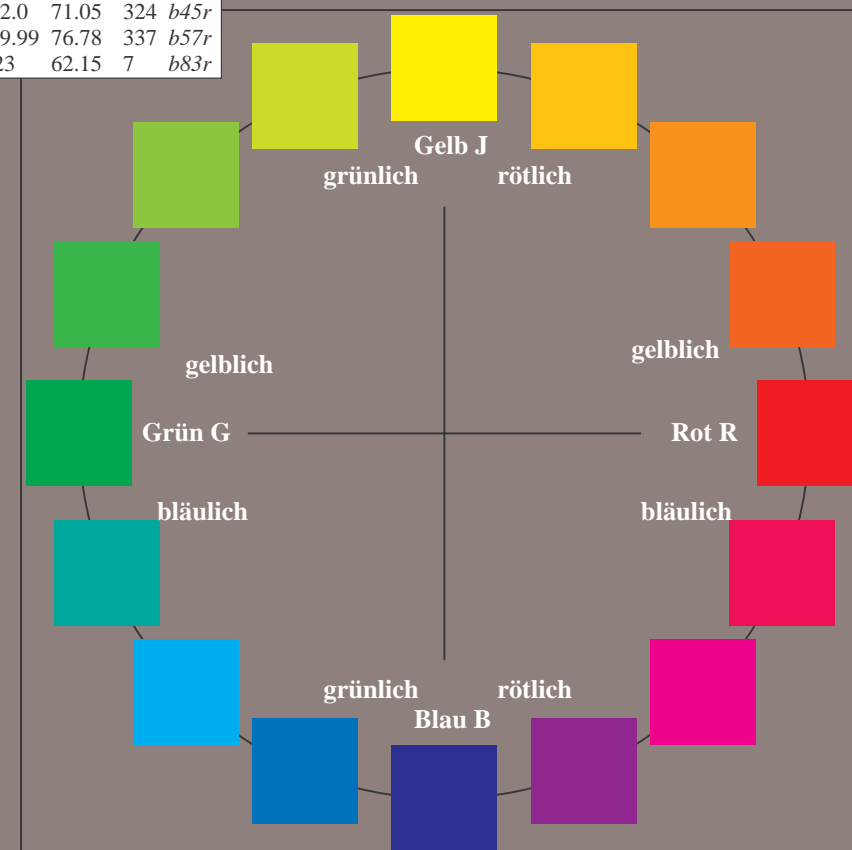
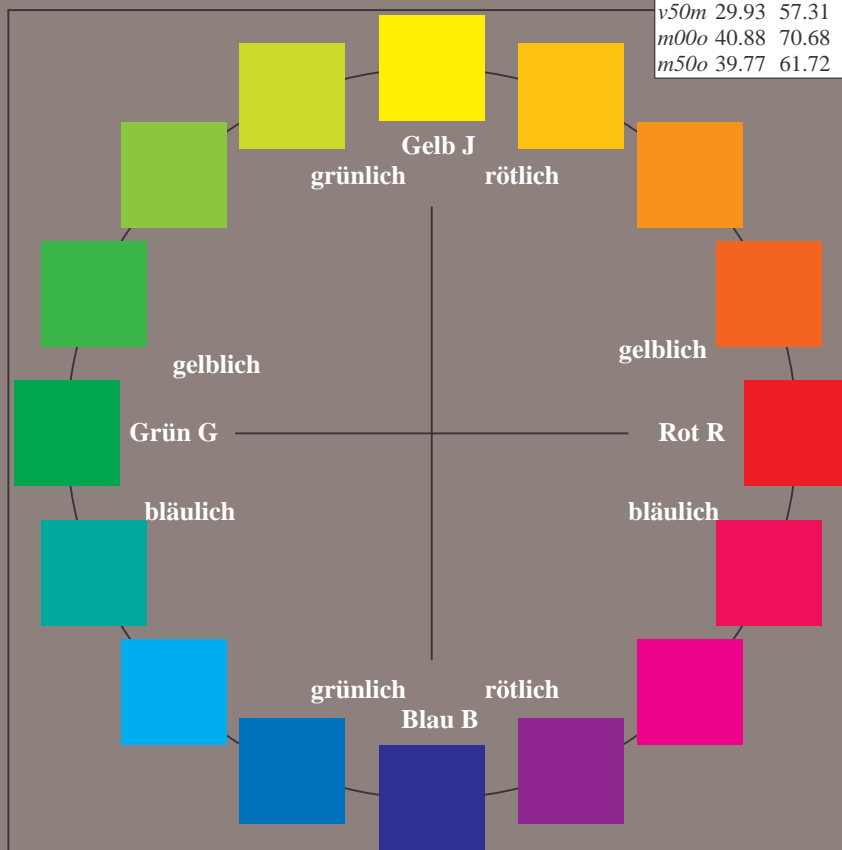
Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene *o00y*, *o25y*, ..., *m50o*  
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



%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
O <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
Y <sub>CIE</sub>	81.26	-2.89	71.56	71.62	92
L <sub>CIE</sub>	52.23	-42.42	13.6	44.55	162
V <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  $h^* = lab^*h^* = h_{ab}/360 = 0.101$

Daten für jede Farbe:

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

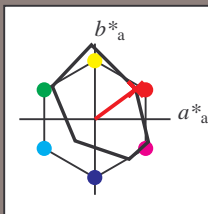
Bunttontexte:

$u^*_d = o00y$   $u^*_e = r16j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 39 54 40

$LAB^*LCH^*Ma$ : 39 67 36

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

$lab^*rgb^*Ma$ : 1.0 0.16 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

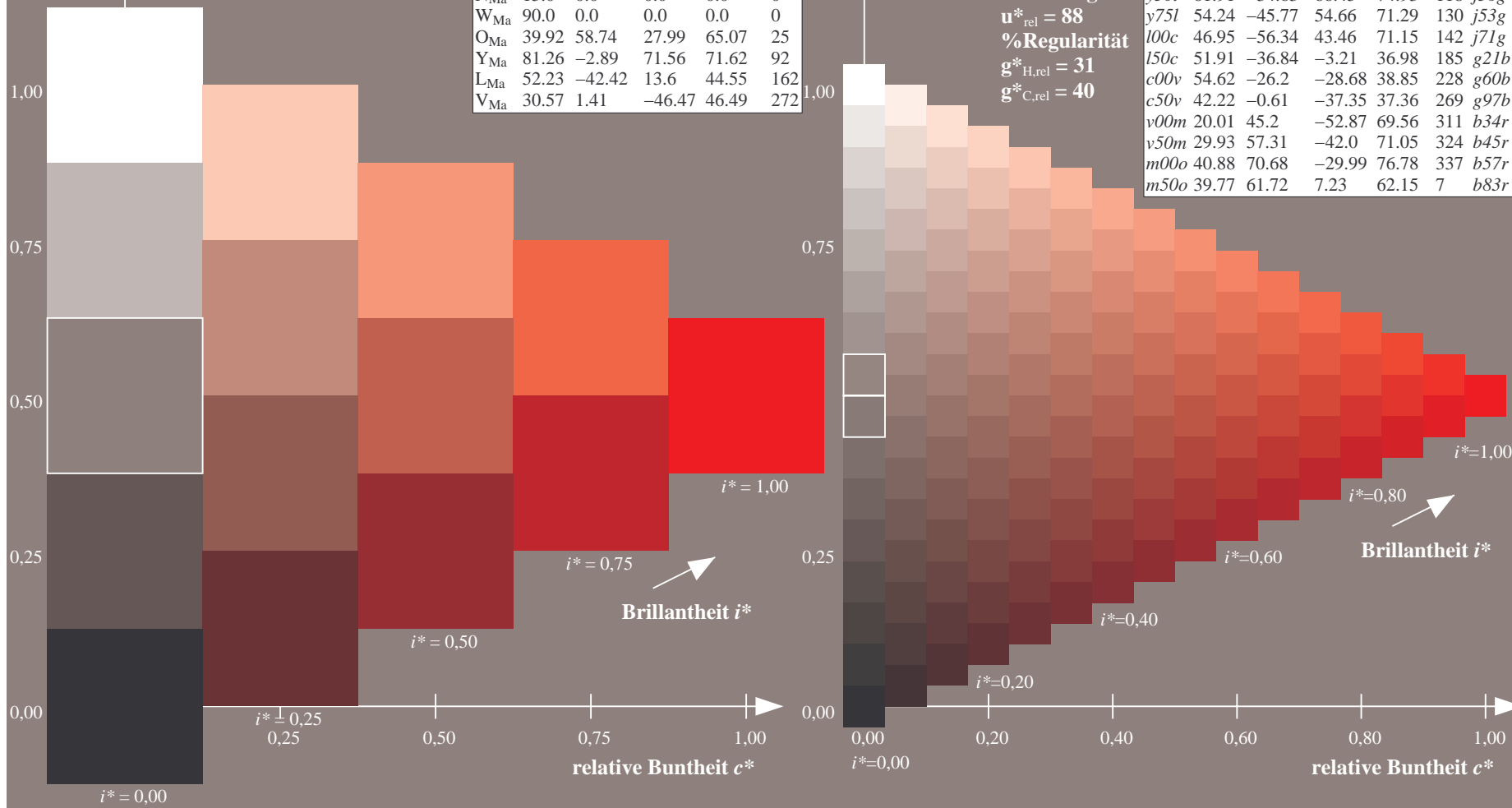
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

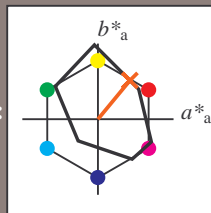
Bunttontexte:

$u^*_d = o25y$   $u^*_e = r37j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 47 42 51

$LAB^*LCH^*Ma$ : 47 66 50

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

$lab^*rgb^*Ma$ : 1.0 0.37 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

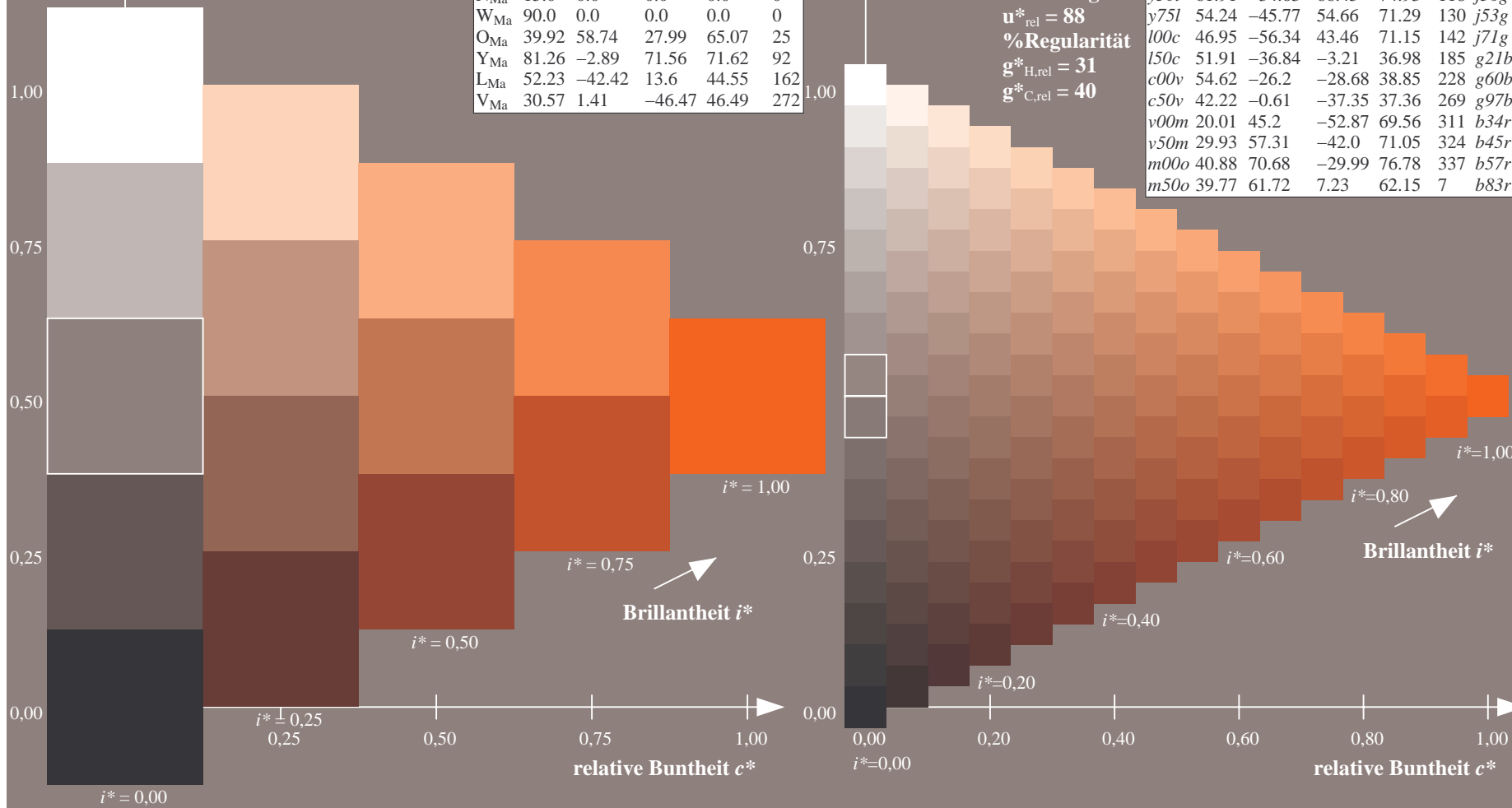
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$

Daten für jede Farbe:

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

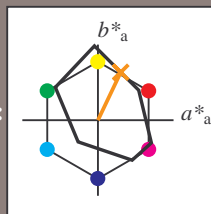
Bunttontexte:

$u^*_d = o50y$   $u^*_e = r58j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 57 30 63

$LAB^*LCH^*Ma$ : 57 70 64

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

$lab^*rgb^*Ma$ : 1.0 0.58 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

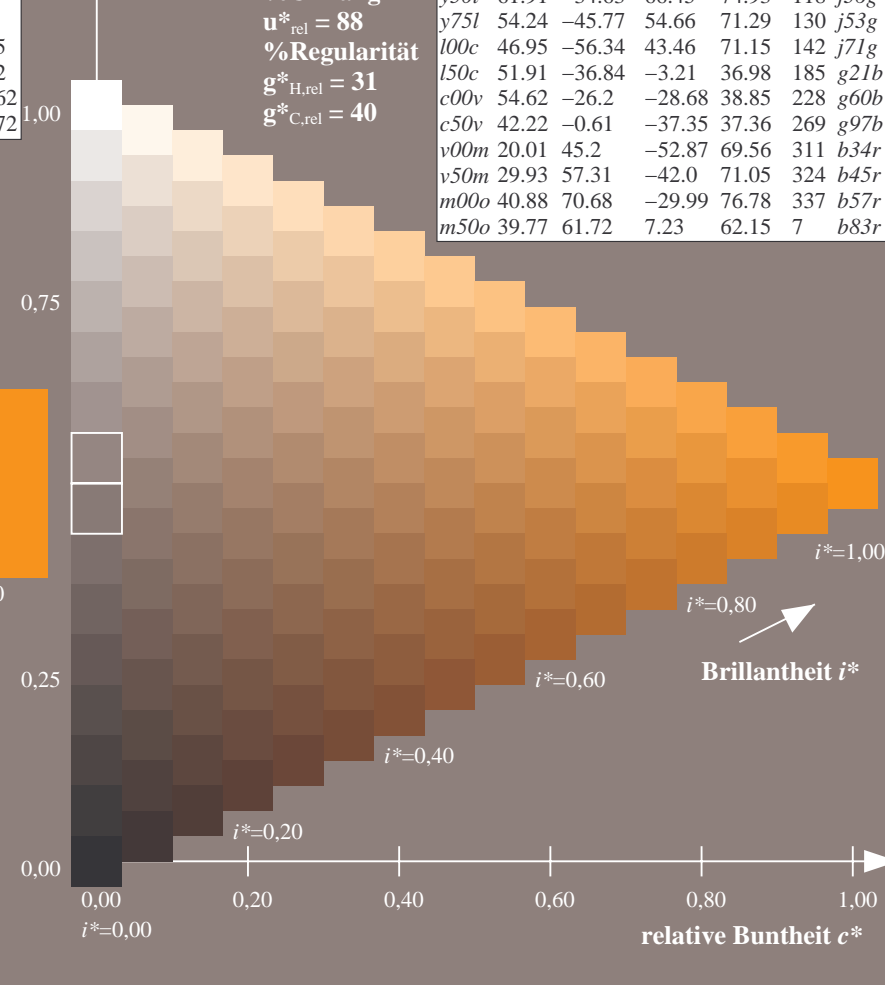
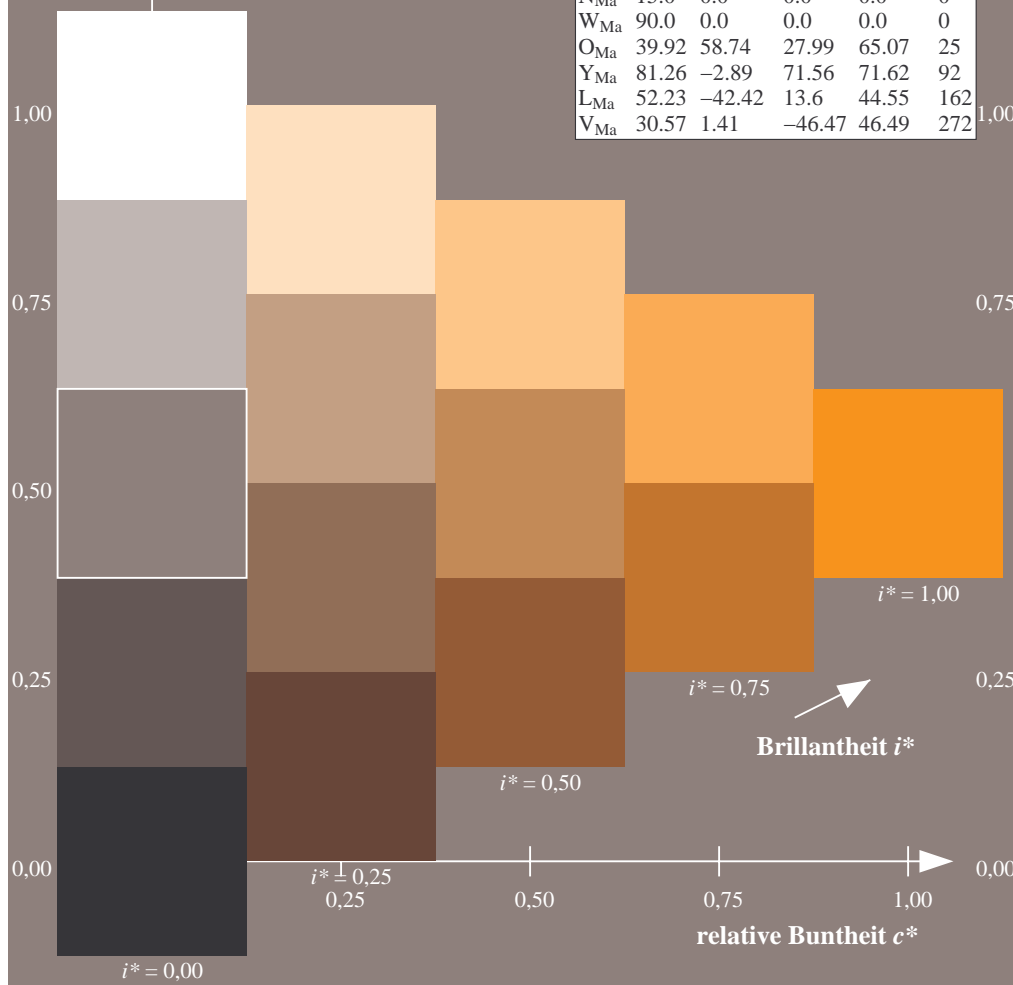
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$

Daten für jede Farbe:

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

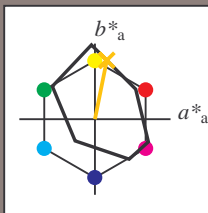
Bunttontexte:

$u^*_d = o75y$   $u^*_e = r79j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 16 78

$LAB^*LCH^*_{Ma}$ : 67 79 78

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

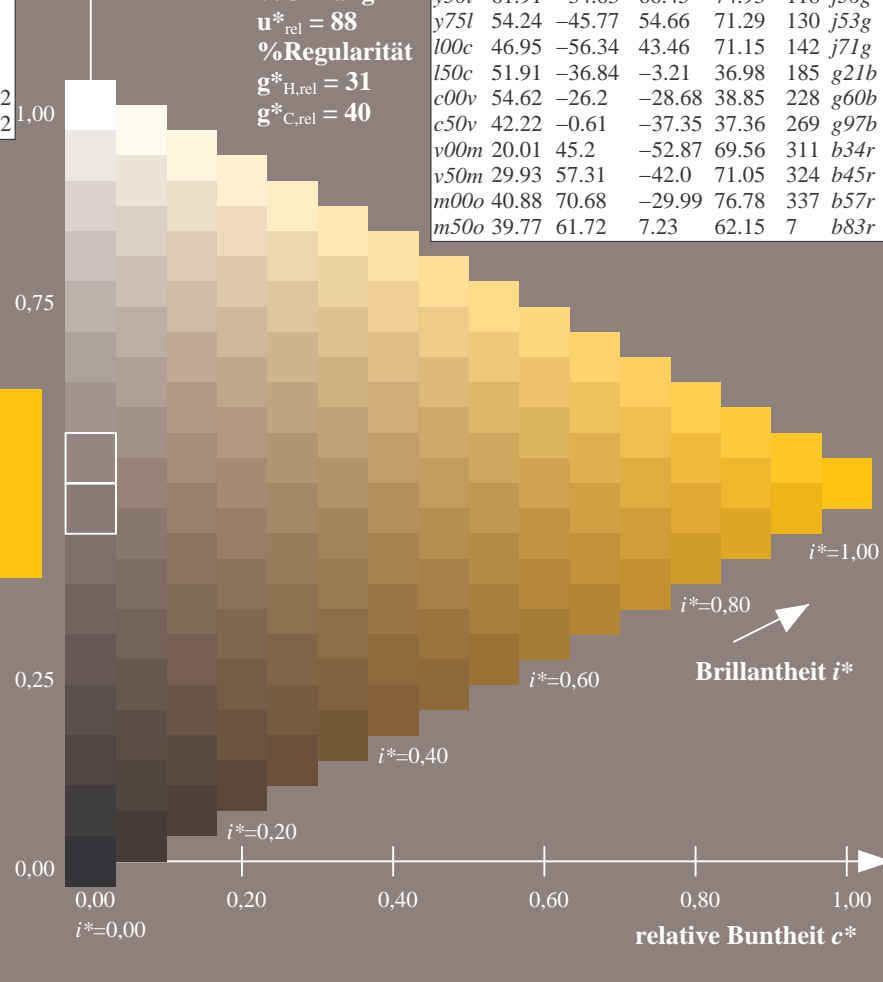
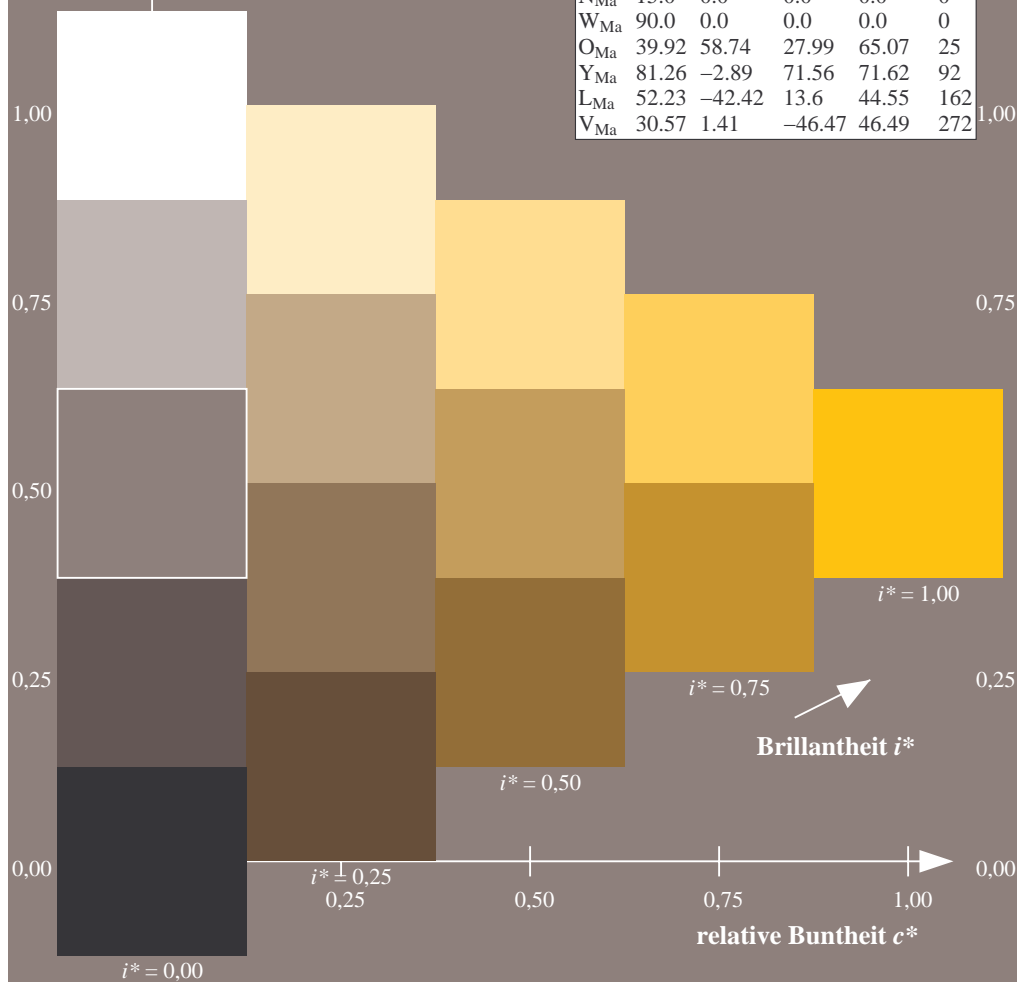
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$

Daten für jede Farbe:

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

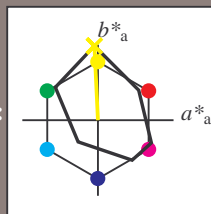
Bunttontexte:

$u^*_d = y00l$   $u^*_e = j0l g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -5 98

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

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

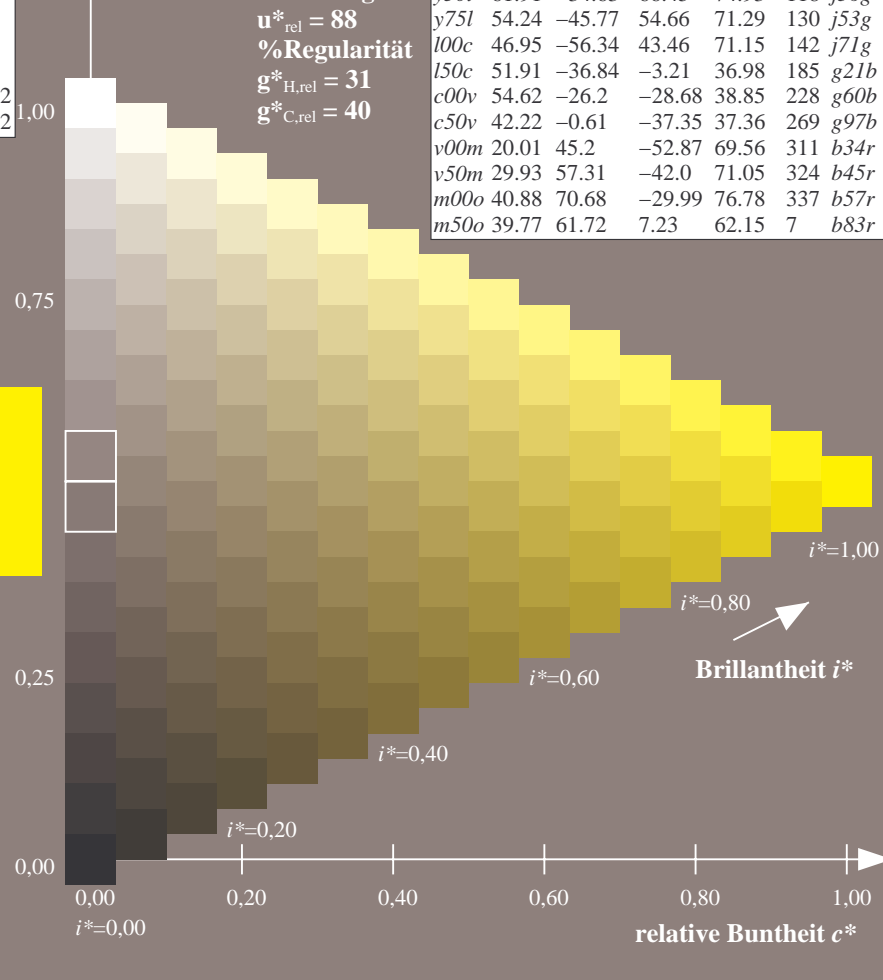
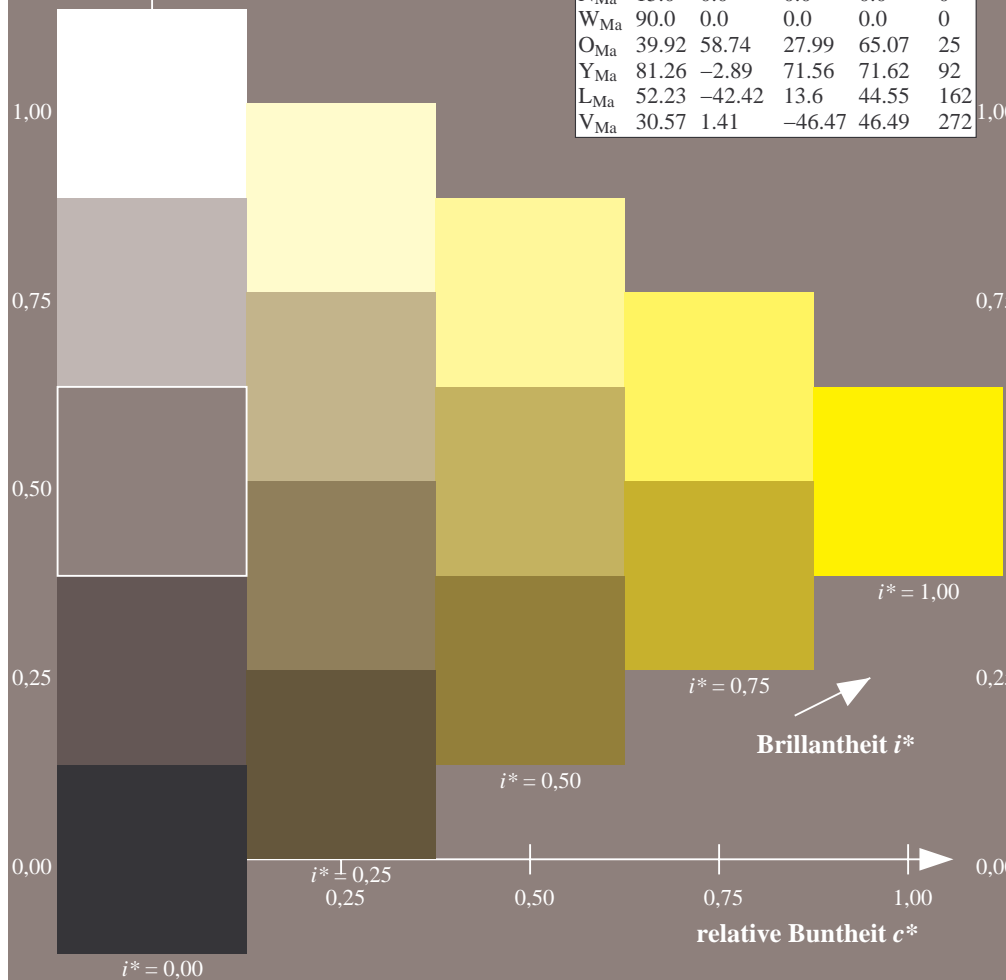
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j0lg</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.292$

Daten für jede Farbe:

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

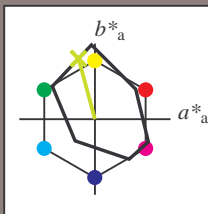
Bunttontexte:

$u^*_d = y25l$   $u^*_e = j18g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 71 -22 80

$LAB^*LCH^*_{Ma}$ : 71 83 105

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

$lab^*rgb^*_{Ma}$ : 0.82 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

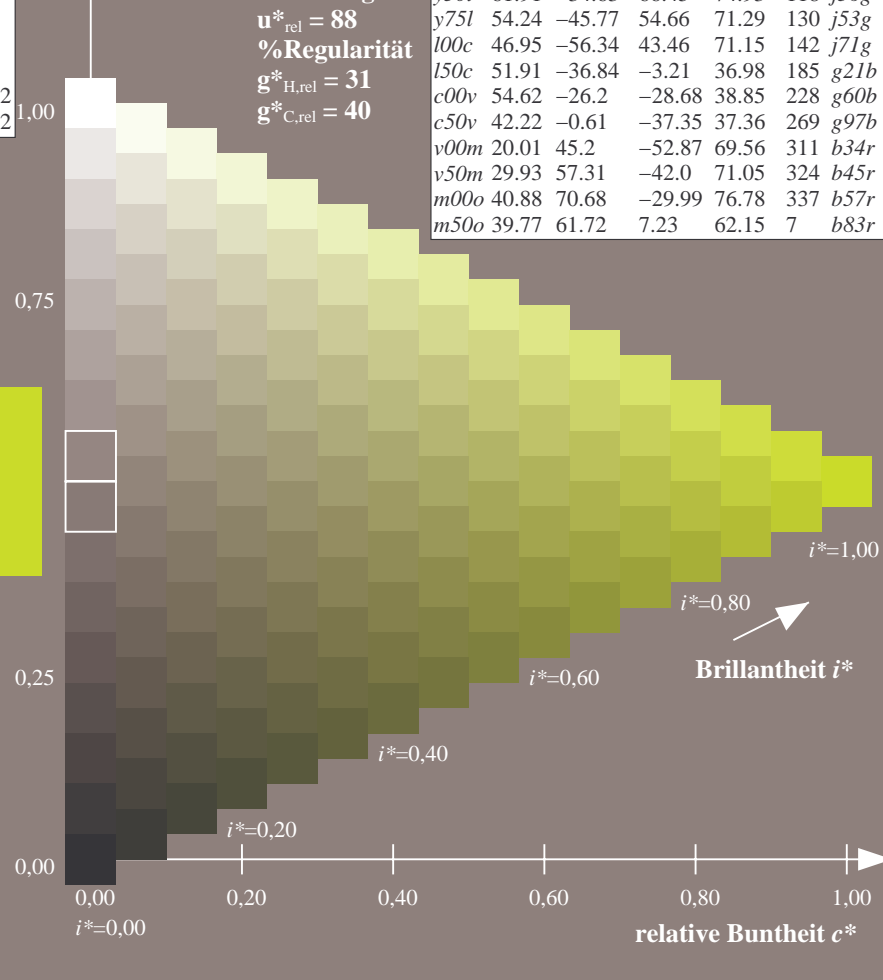
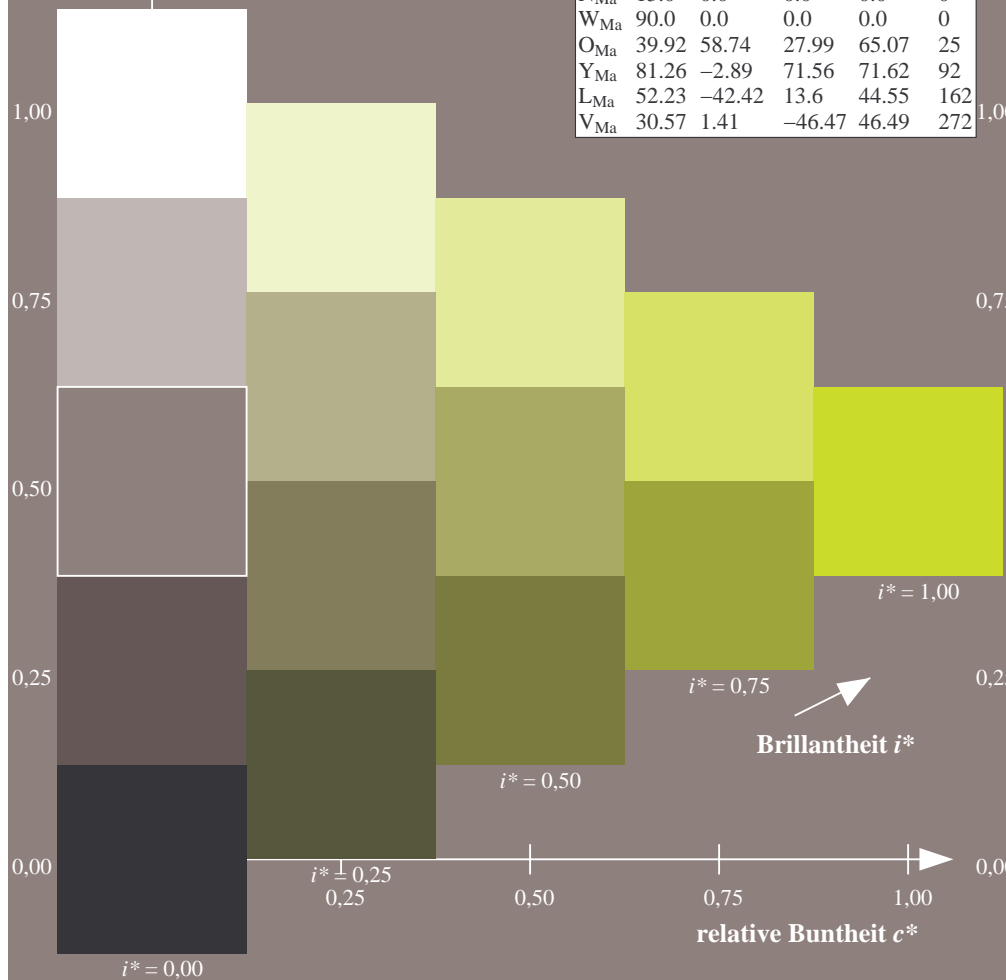
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.326$

Daten für jede Farbe:

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

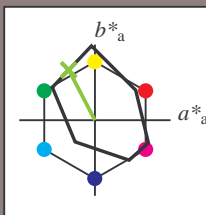
Bunttontexte:

$u^*_d = y50l$   $u^*_e = j36g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 62 -35 66

$LAB^*LCH^*Ma$ : 62 75 117

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

$lab^*rgb^*Ma$ : 0.64 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

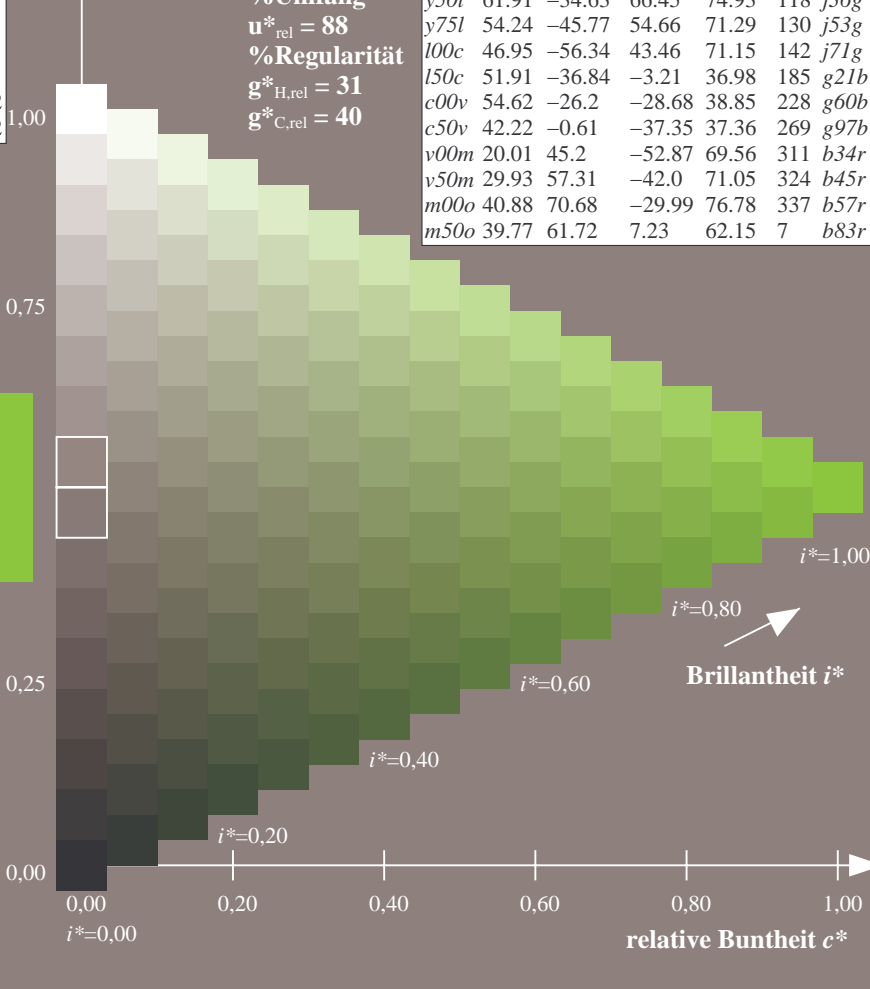
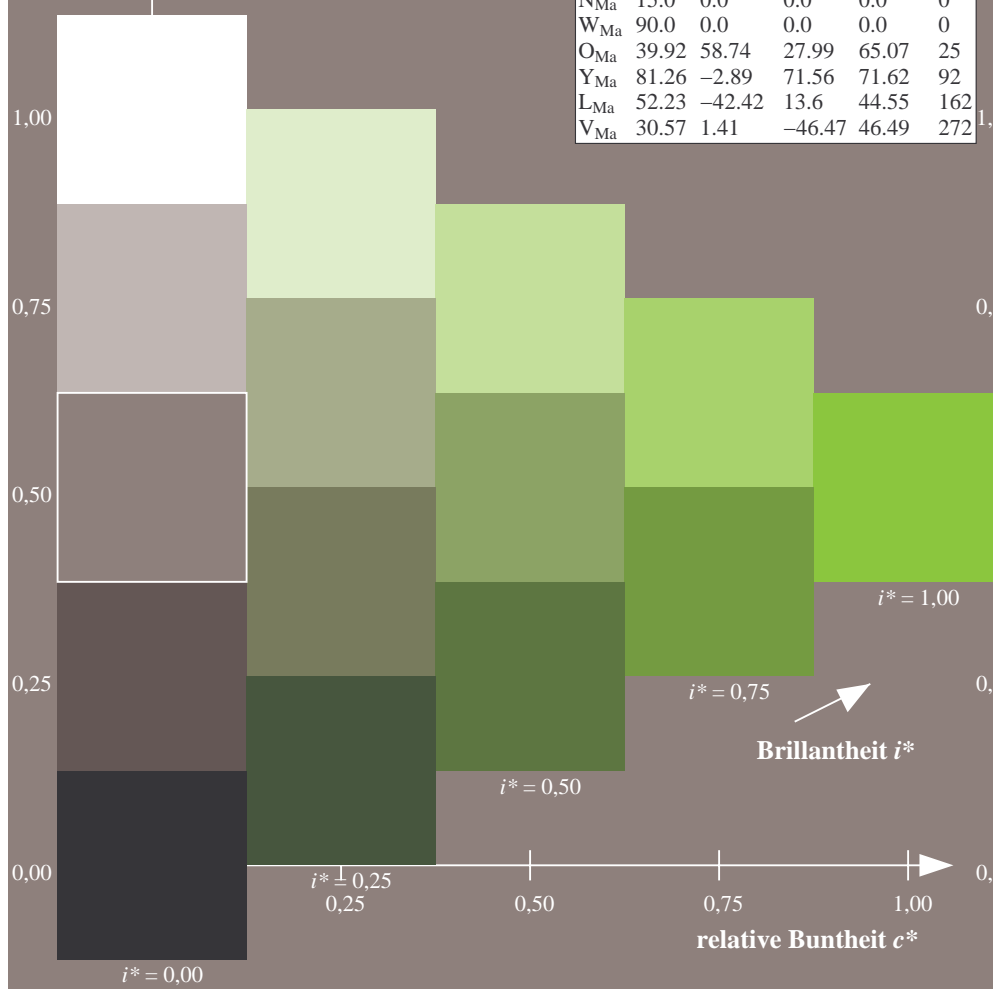
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.361$

Daten für jede Farbe:

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

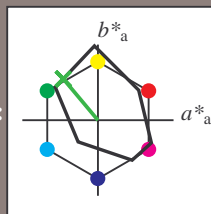
Bunttontexte:

$u^*_d = y75l$   $u^*_e = j53g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -46 55

$LAB^*LCH^*_{Ma}$ : 54 71 129

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

$lab^*rgb^*_{Ma}$ : 0.46 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

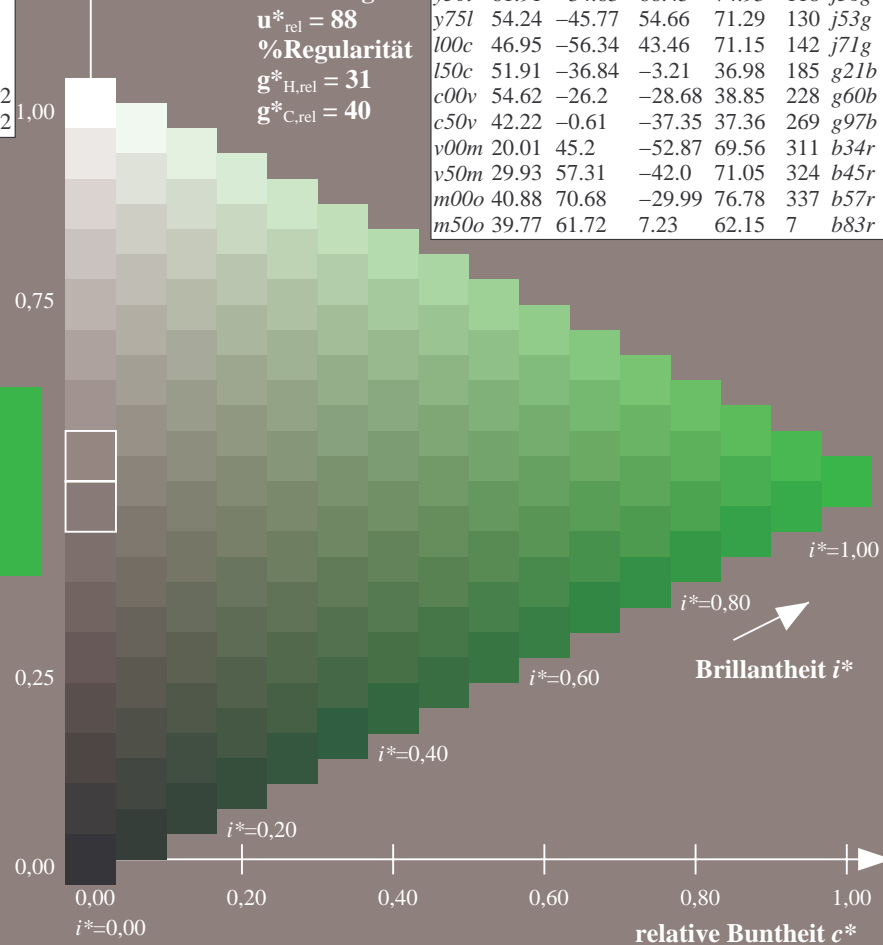
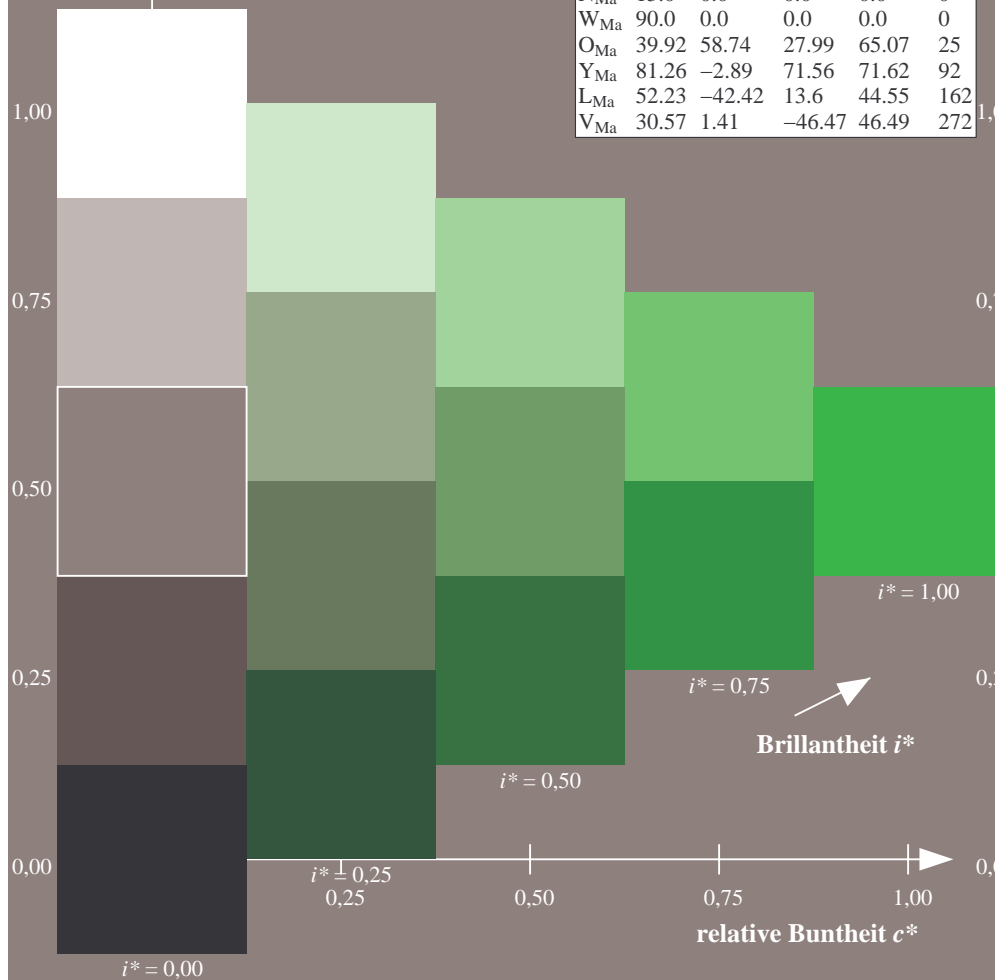
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.395$   $u^*_d = 100c$

Daten für jede Farbe:

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

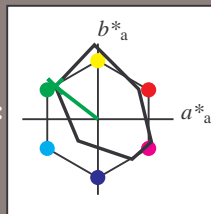
Bunttontexte:

$u^*_d = 100c$   $u^*_e = j71g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 47 -56 43

$LAB^*LCH^*Ma$ : 47 71 142

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

$lab^*rgb^*Ma$ : 0.28 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

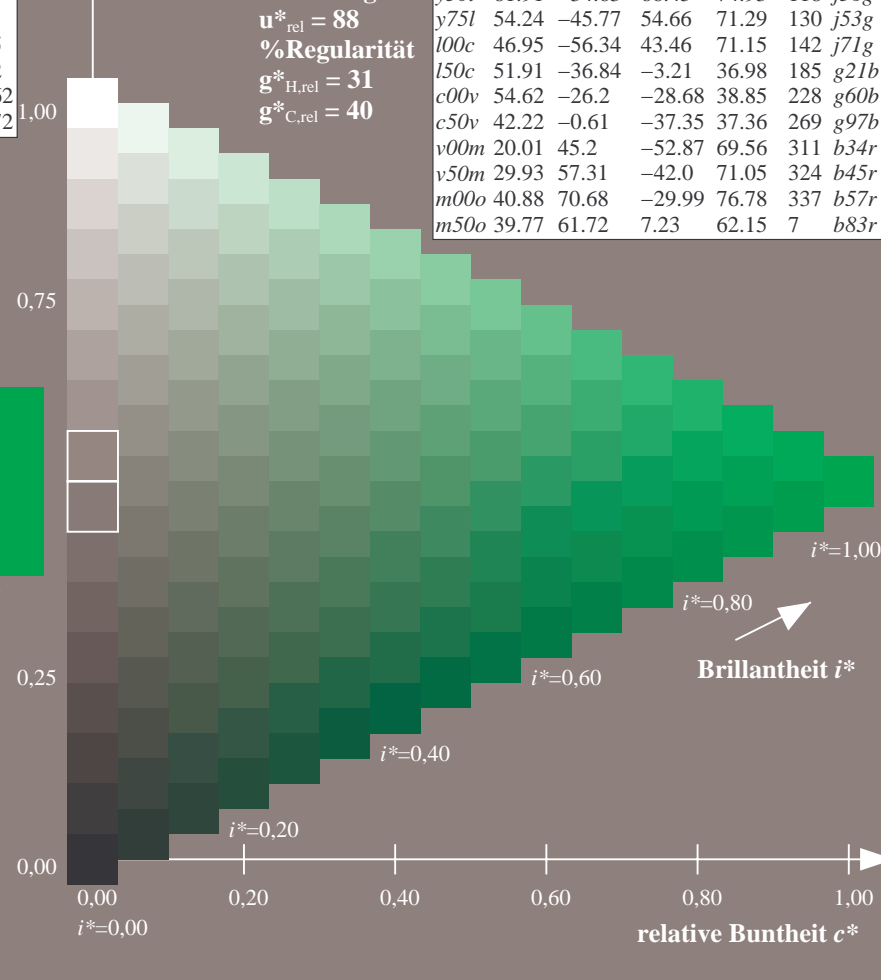
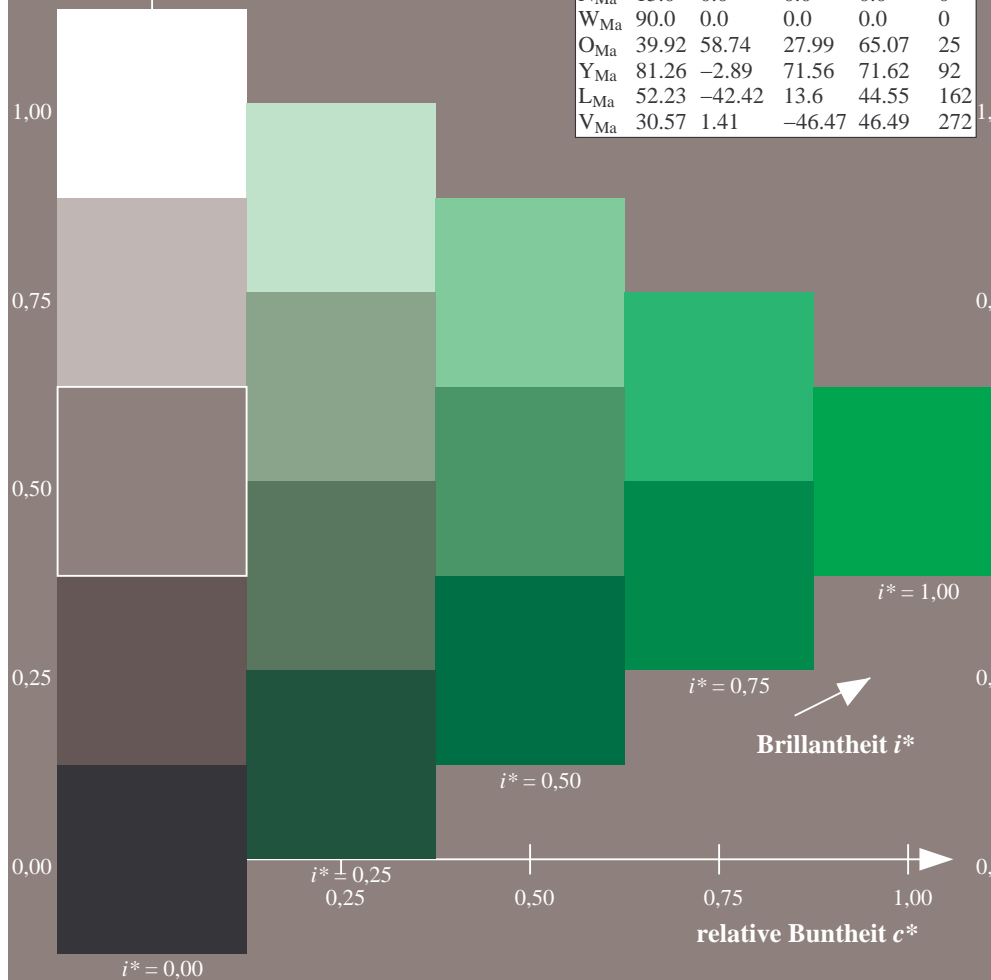
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.514$

Daten für jede Farbe:

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

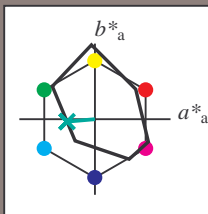
Bunttontexte:

$u^*_d = l50c$   $u^*_e = g21b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -37 -3

$LAB^*LCH^*_{Ma}$ : 52 37 184

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

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.42

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

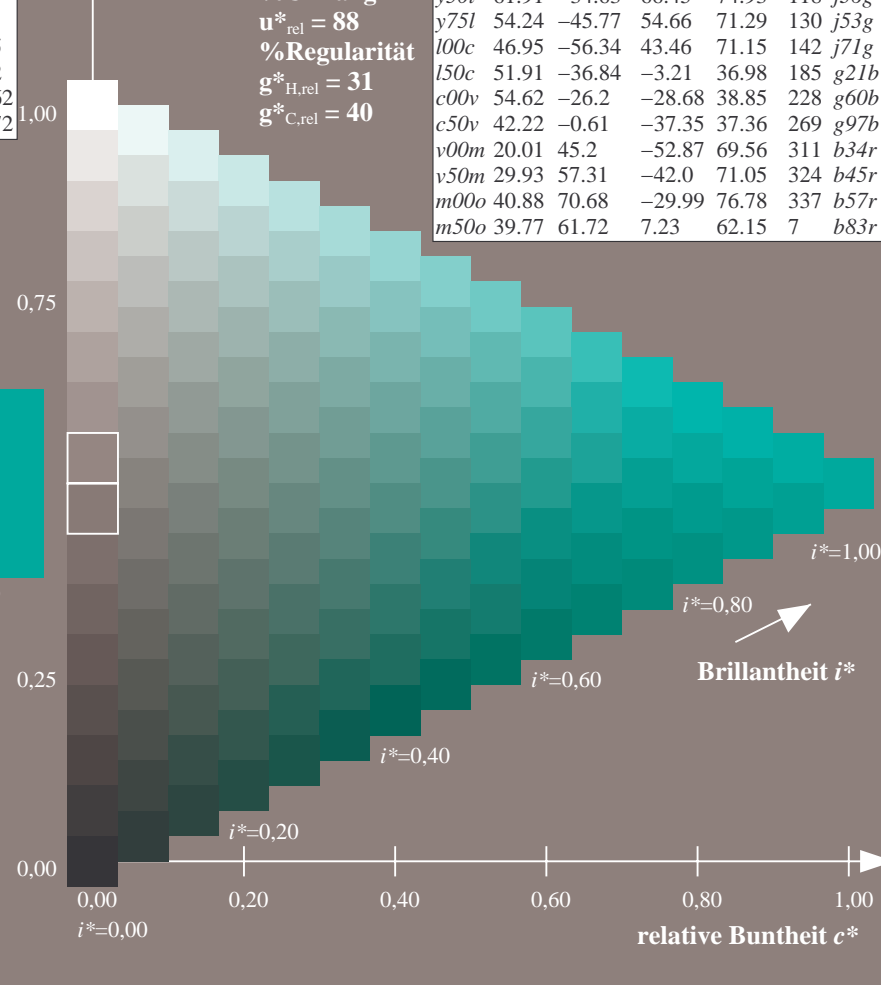
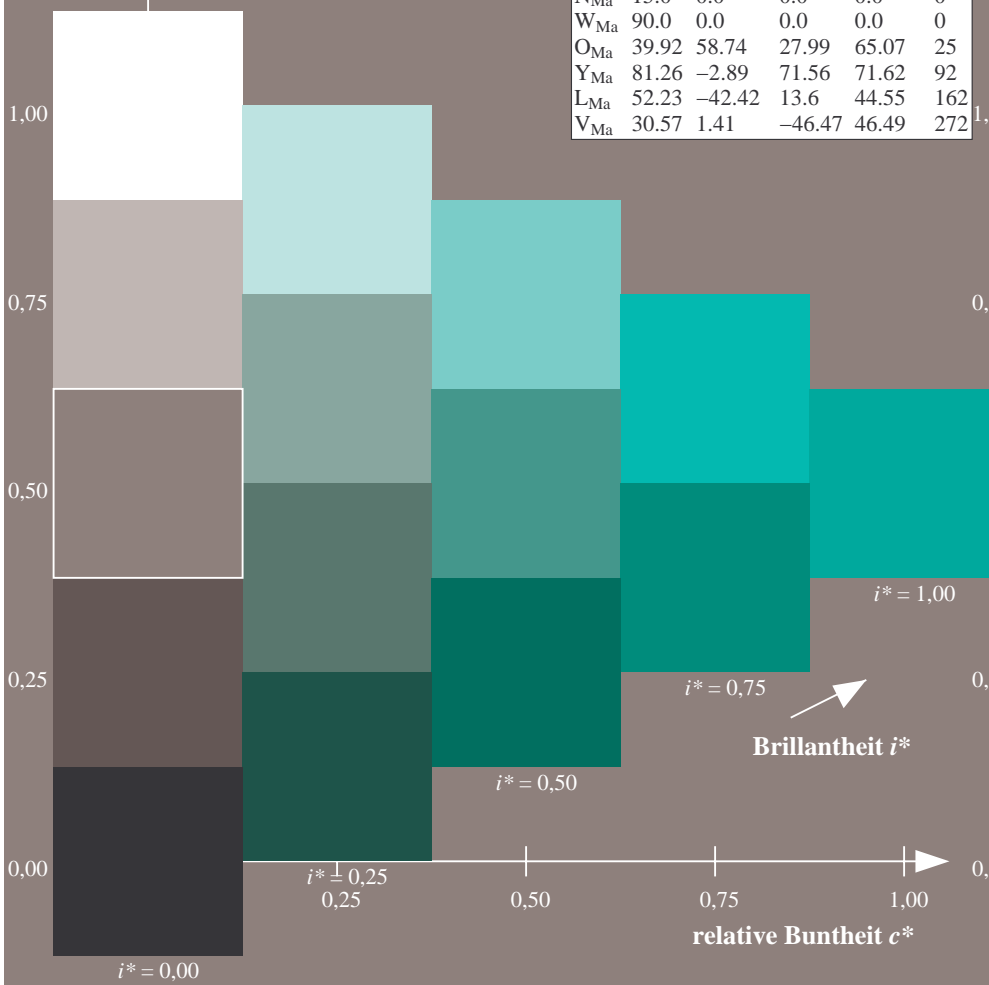
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$

Daten für jede Farbe:

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

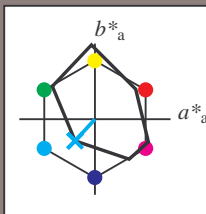
Bunttontexte:

$u^*_d = c00v$   $u^*_e = g60b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 55 -26 -29

$LAB^*LCH^*_{Ma}$ : 55 39 227

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

$lab^*rgb^*_{Ma}$ : 0.0 0.81 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

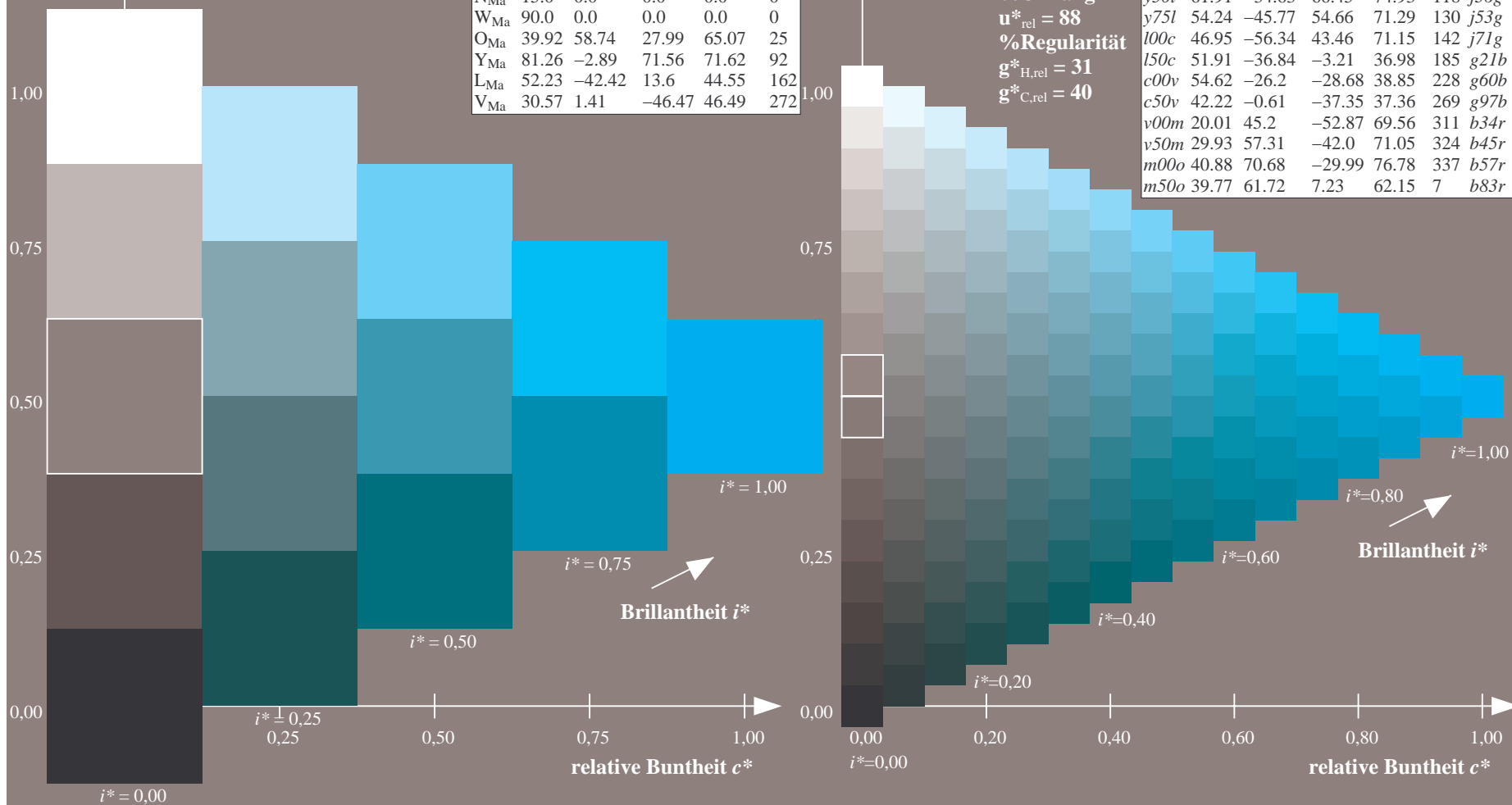
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$

Daten für jede Farbe:

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

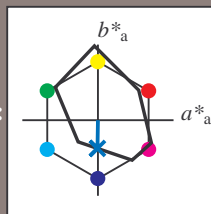
Bunttontexte:

$u^*_d = c50v$   $u^*_e = g97b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 -1 -37

$LAB^*LCH^*_{Ma}$ : 42 37 269

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

$lab^*rgb^*_{Ma}$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

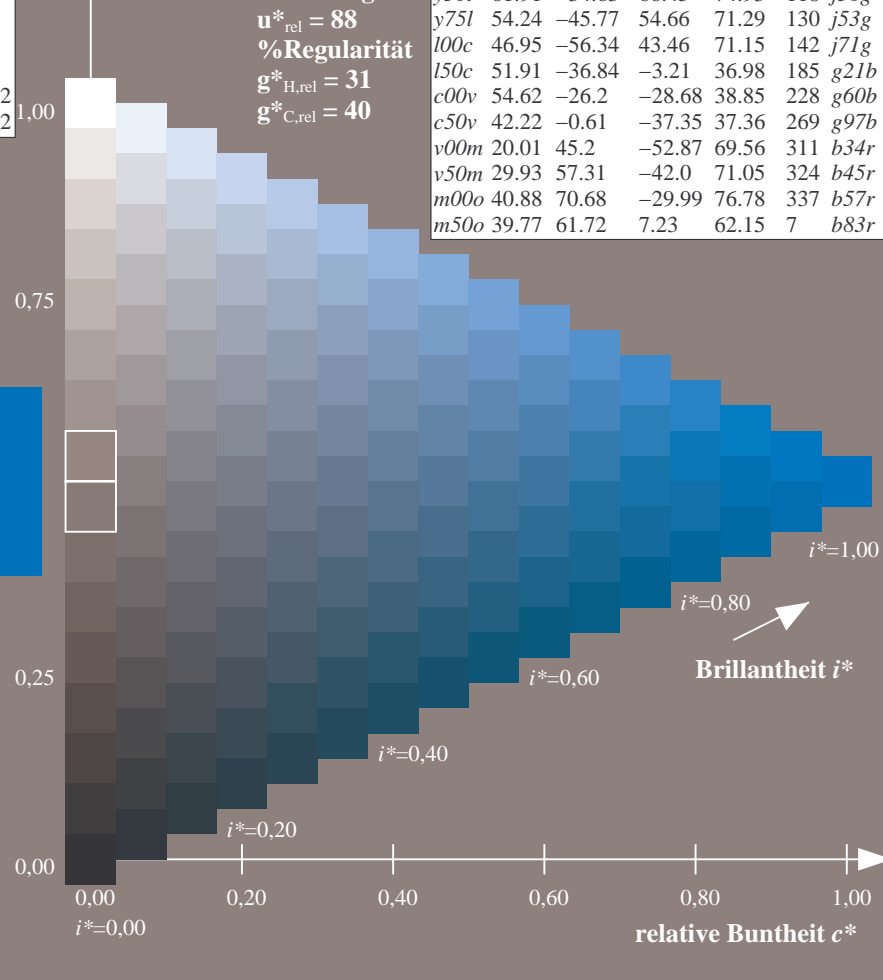
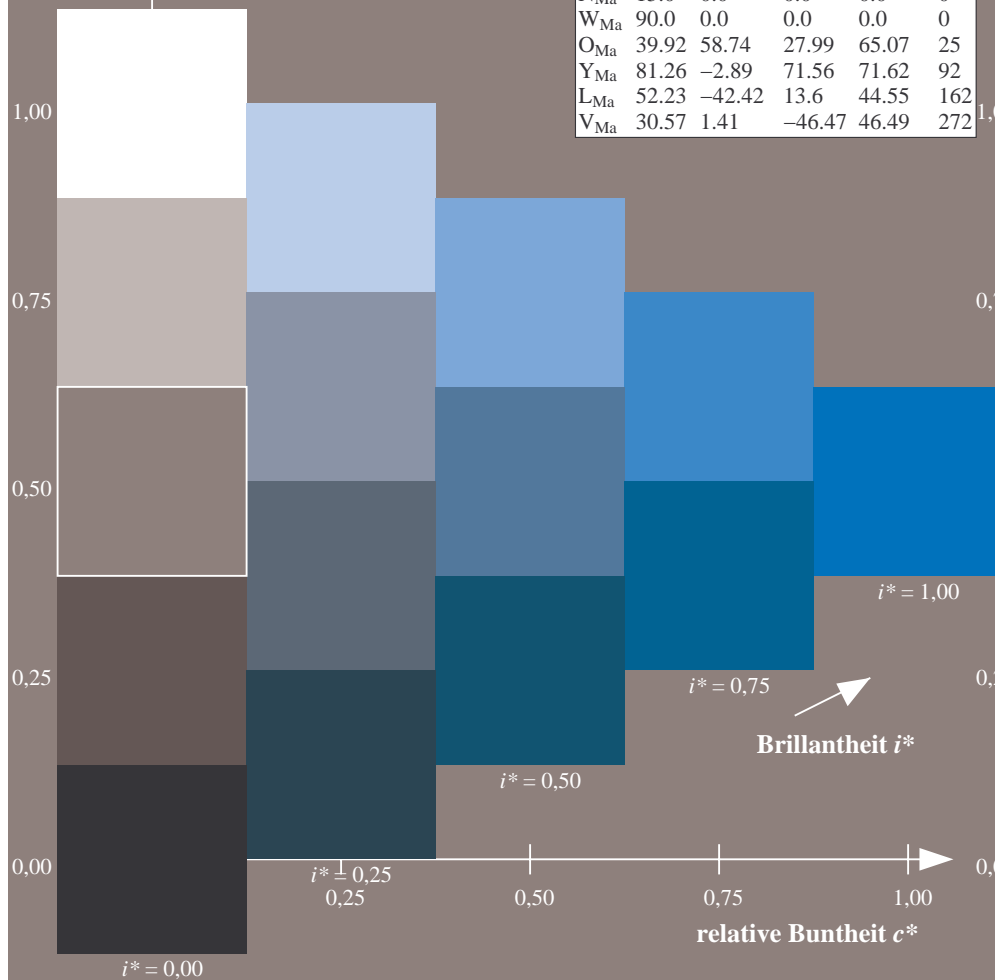
%Regularität

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

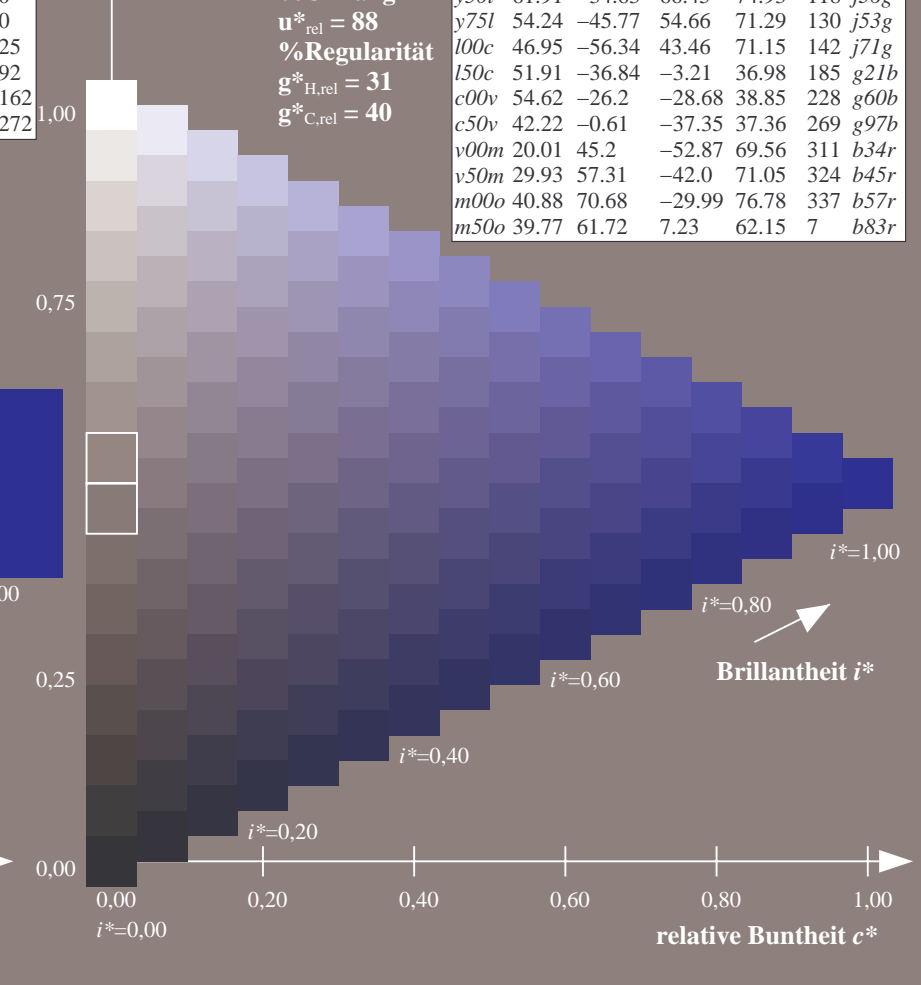
$g^*_{C,rel} = 40$

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



0


$$\mathbf{g}_{\text{C,rel}}^* = 40$$
$$u^*_d = v00m$$


D65: Farbreihen, Datentabellen für 16 Bunttöne *o00v* bis *m75o*Ausgabe:  $\rightarrow$ *cmv0\* setcmvcolor*

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$

Daten für jede Farbe:

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

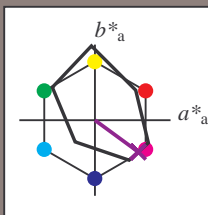
Bunttontexte:

$u^*_d = v50m$   $u^*_e = b45r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 30 57 -42

$LAB^*LCH^*Ma$ : 30 71 323

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

$lab^*rgb^*Ma$ : 0.91 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

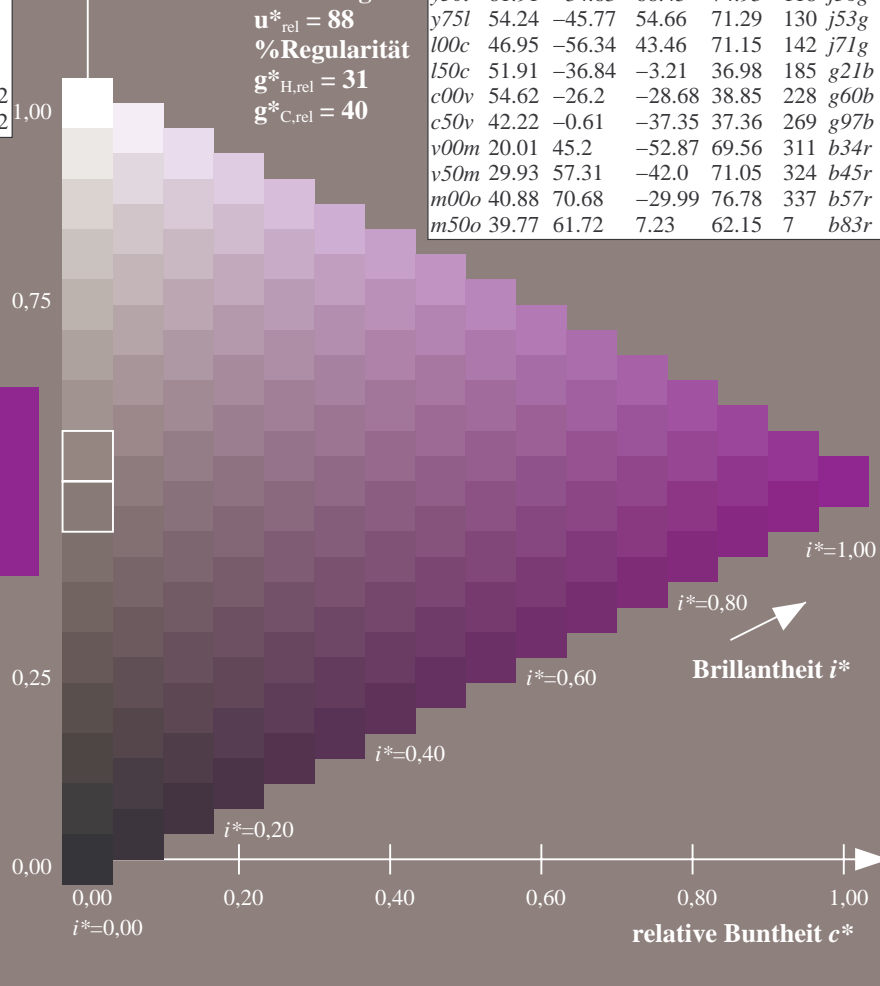
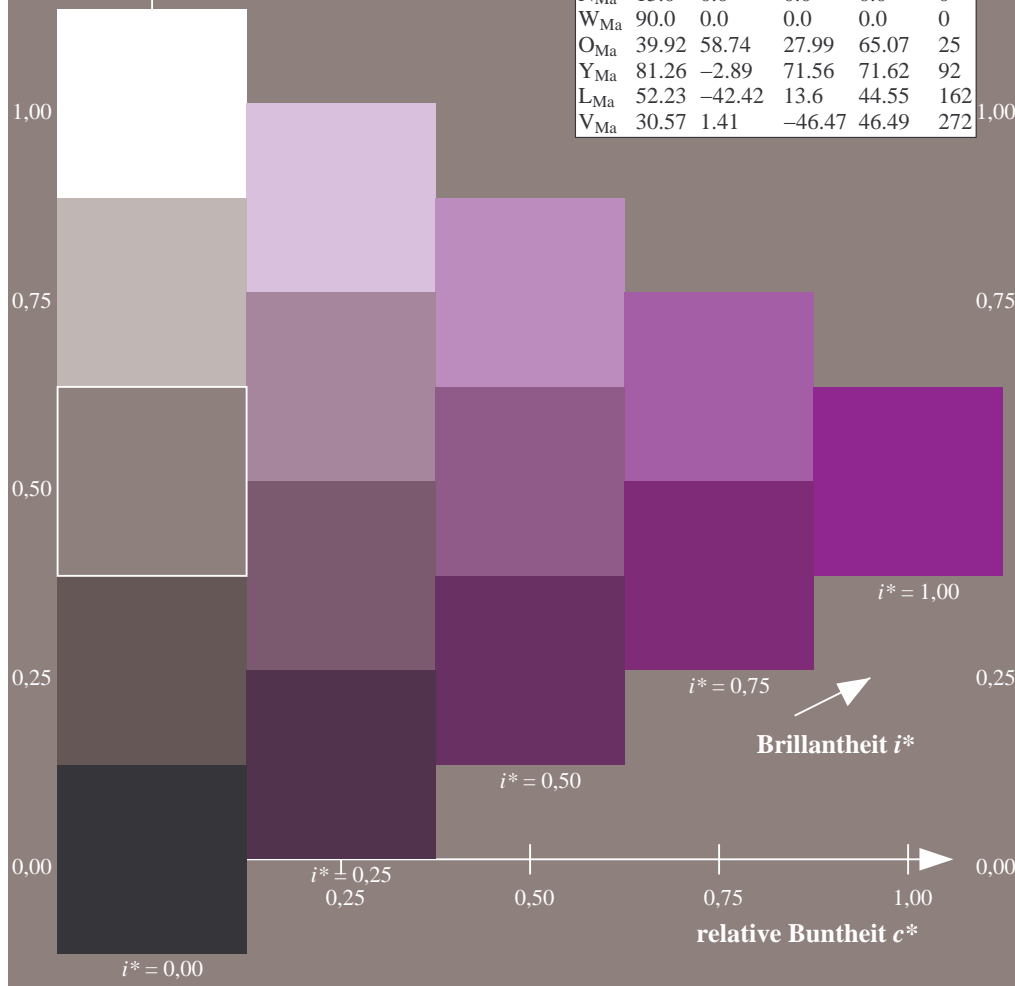
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.936$

Daten für jede Farbe:

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

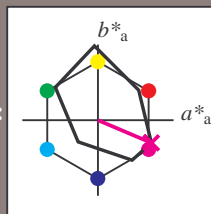
Bunttontexte:

$u^*_d = m00o$   $u^*_e = b57r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 71 -30

$LAB^*LCH^*_{Ma}$ : 41 77 337

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.85

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

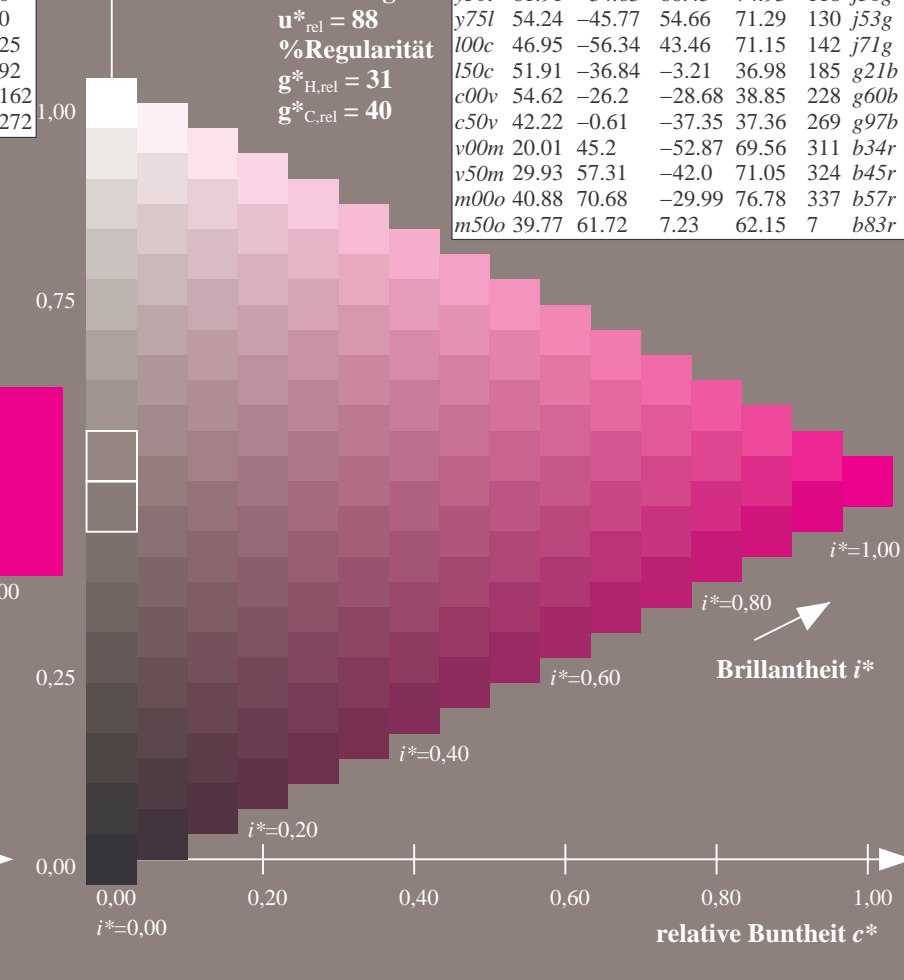
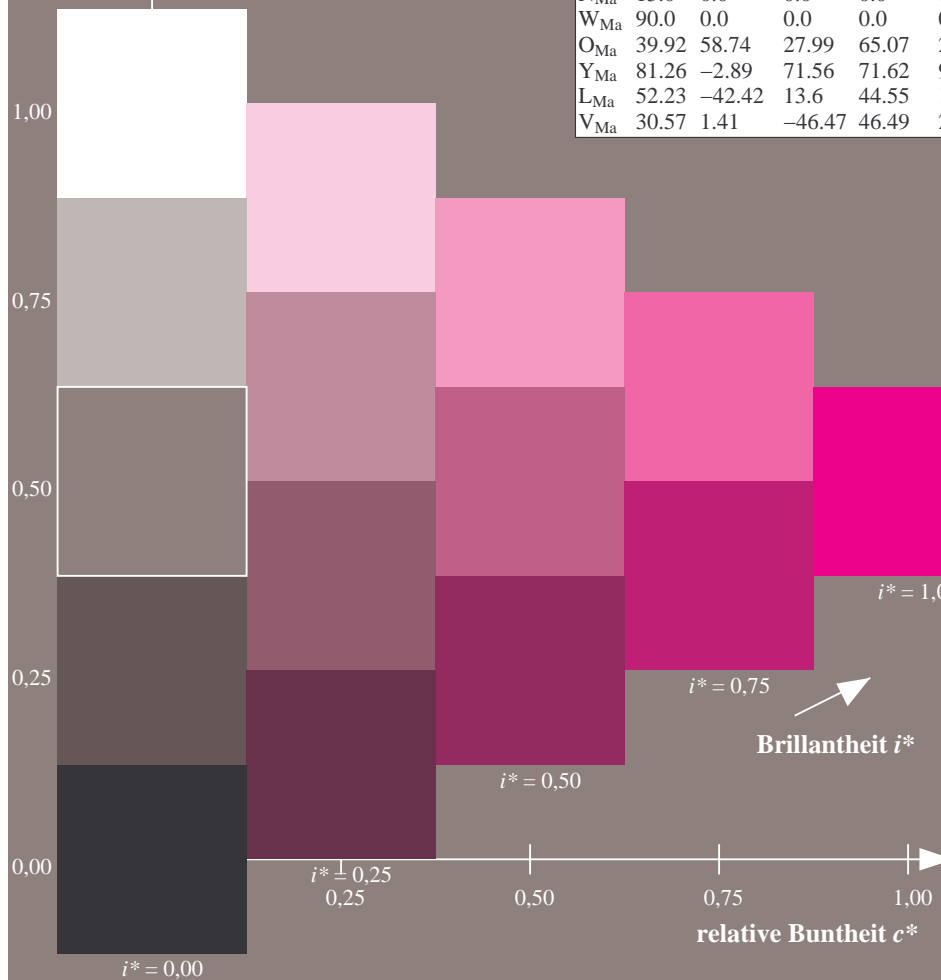
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>





Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.019$

### Daten für jede Farbe:

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

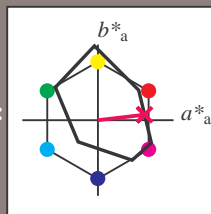
### Bunttexte:

$$u^*_d = m50o \quad u^*_e = b83r$$

**Kontrastreduzierungsfaktor:**

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*-L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

### Daten für Maximalfarbe (Ma):

*LAB\*LAB\*Mo: 40 62 7*

LIB\* LIB\* Ma: 40 62 7  
LIB\* LIB\* 40 62 6

**LAB\*LCH\*Ma: 40 62 6**

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

**lab\*rgb\*Ma: 1.0 0.0 0.33**

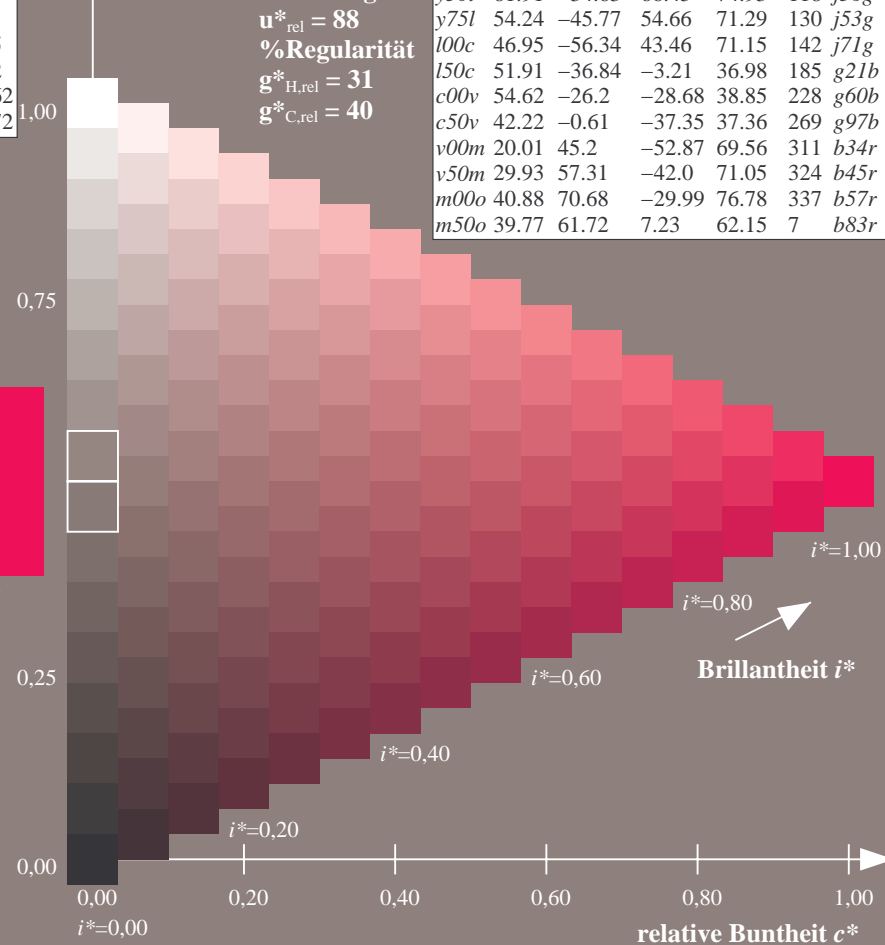
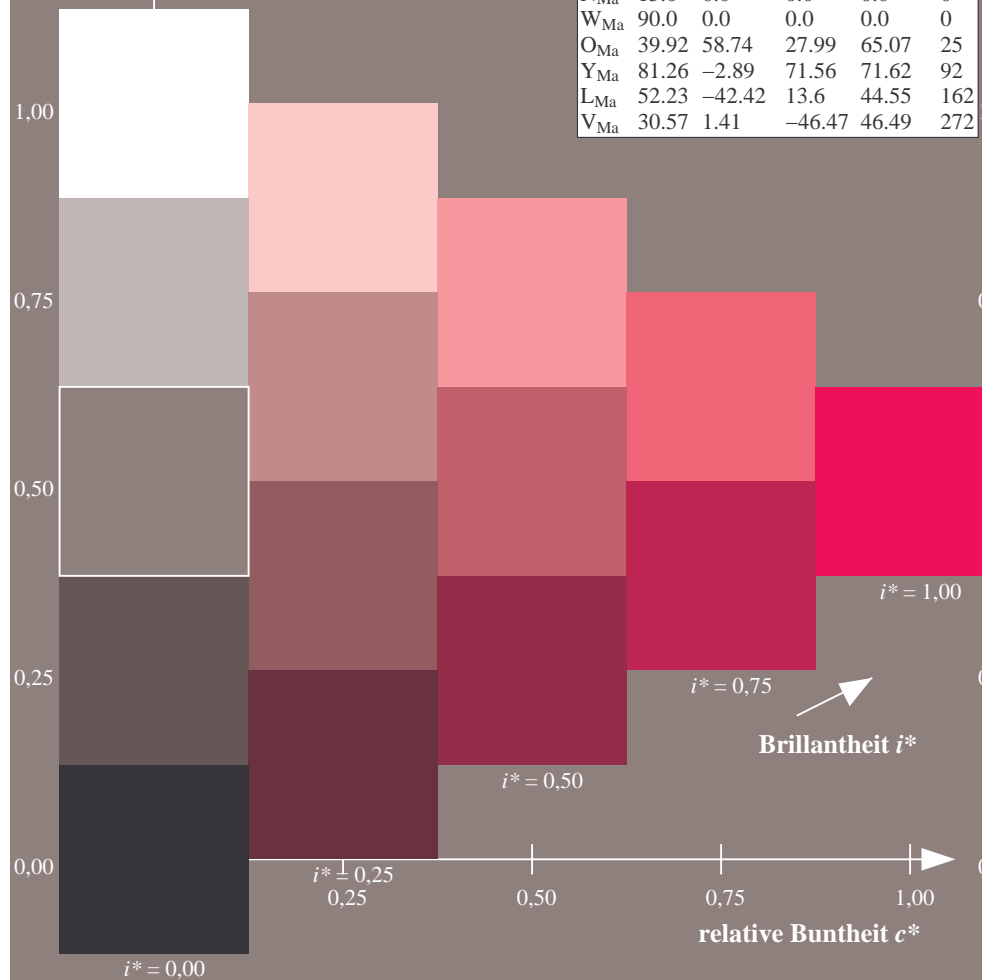
### Dreiecks-Helligkeit $t^*$

FRS09_92aM; adaptierte CIELAB-Daten							
$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_e^*$	
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>	
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>	
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>	
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>	
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>	
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>	
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>	
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>	
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>	
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>	
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>	
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>	
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>	
<i>v50m</i>	29.93	57.31	-42.0	71.05	328	<i>b45r</i>	
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>	
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>	

**%Umfang**

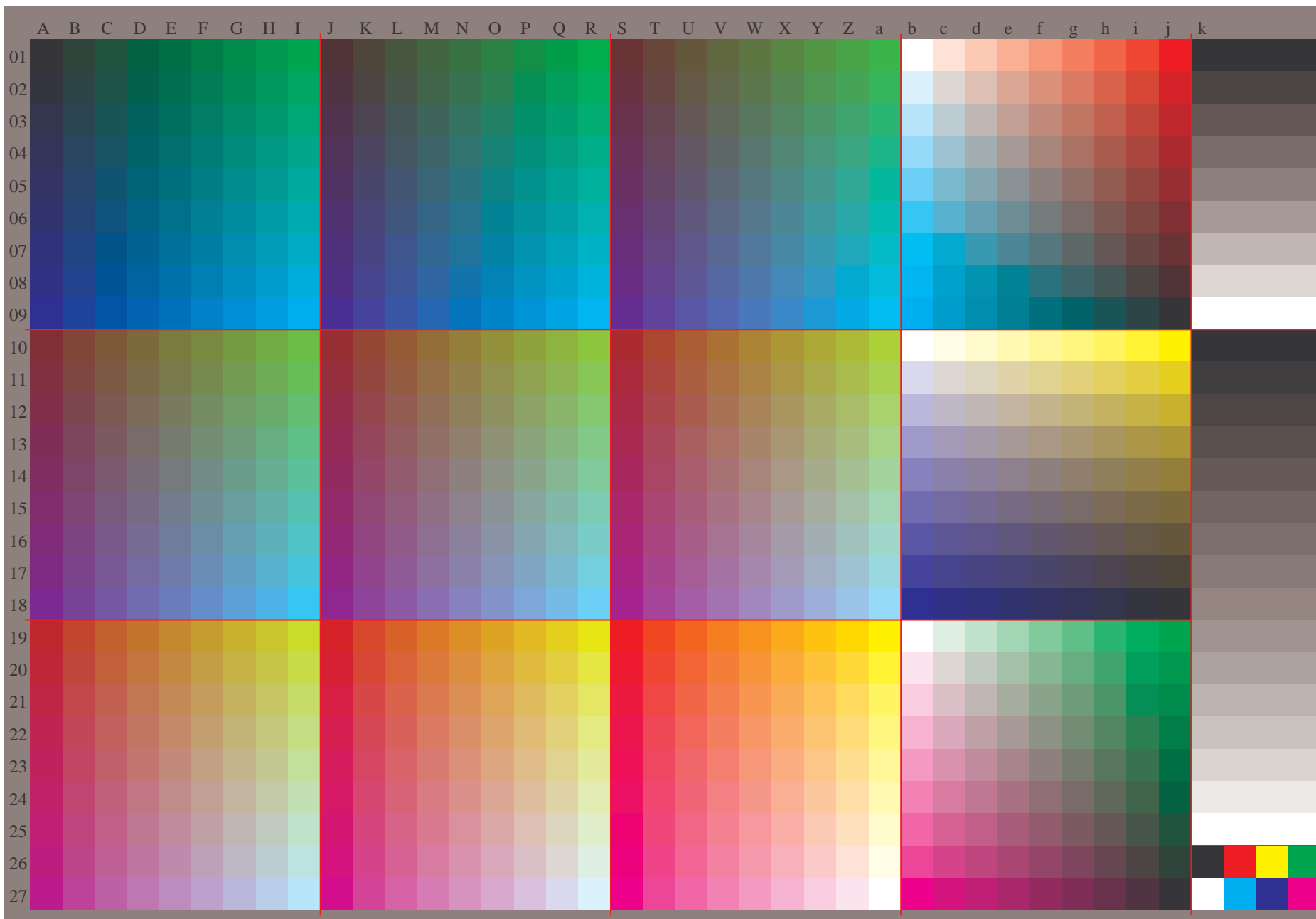
$$\mathbf{u}_{\text{rel}}^* = 88$$

### %Regularität

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


Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg63/>; [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

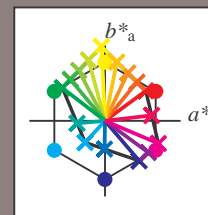
BAM-Registrierung: 20081001-Eg63/10L/L63G00NP.PS/.PDF BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

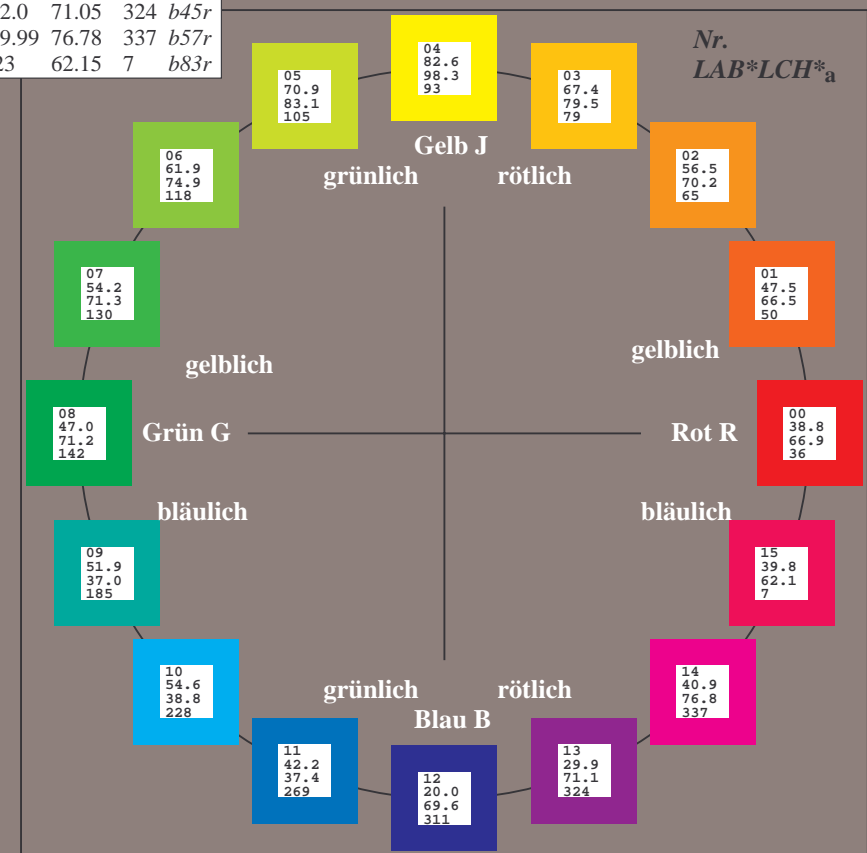
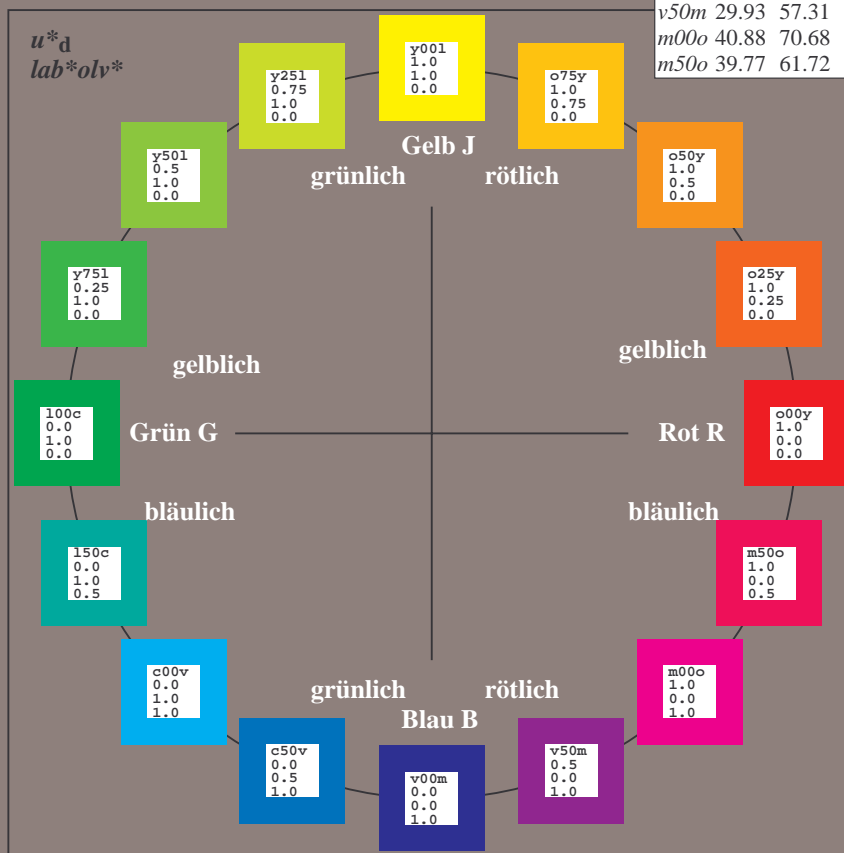
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%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
$O_{CIE}$	39.92	58.74	27.99	65.07	92
$Y_{CIE}$	81.26	-2.89	71.56	71.62	25
$L_{CIE}$	52.23	-42.42	13.6	44.55	162
$V_{CIE}$	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$

Daten für jede Farbe:

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

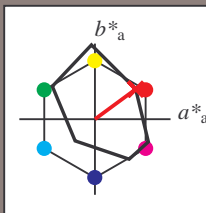
Bunttontexte:

$u^*_d = o00y$   $u^*_e = r16j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 54 40

$LAB^*LCH^*_{Ma}$ : 39 67 36

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

$lab^*rgb^*_{Ma}$ : 1.0 0.16 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

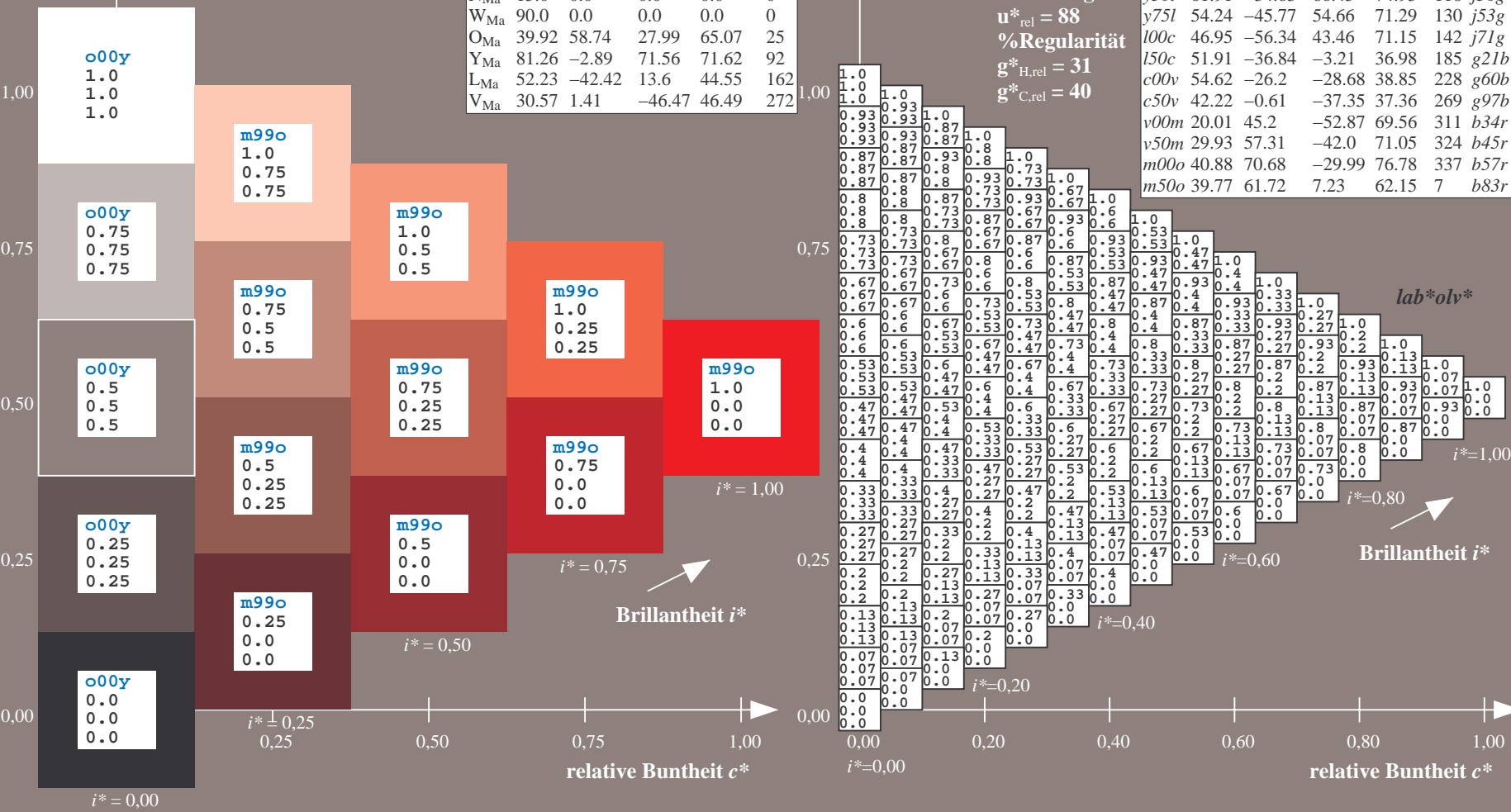
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

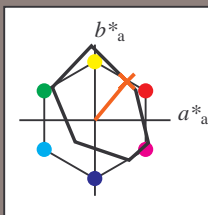
Bunttontexte:

$u^*_d = o25y$   $u^*_e = r37j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 47 42 51

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 47 66 50

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

$\text{lab}^*\text{rgb}^*_{Ma}$ : 1.0 0.37 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$

Daten für jede Farbe:

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

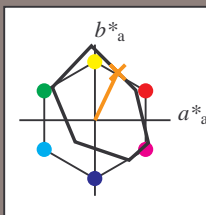
Bunttontexte:

$u^*_d = o50y$   $u^*_e = r58j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 57 30 63

$LAB^*LCH^*_{Ma}$ : 57 70 64

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

$lab^*rgb^*_{Ma}$ : 1.0 0.58 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

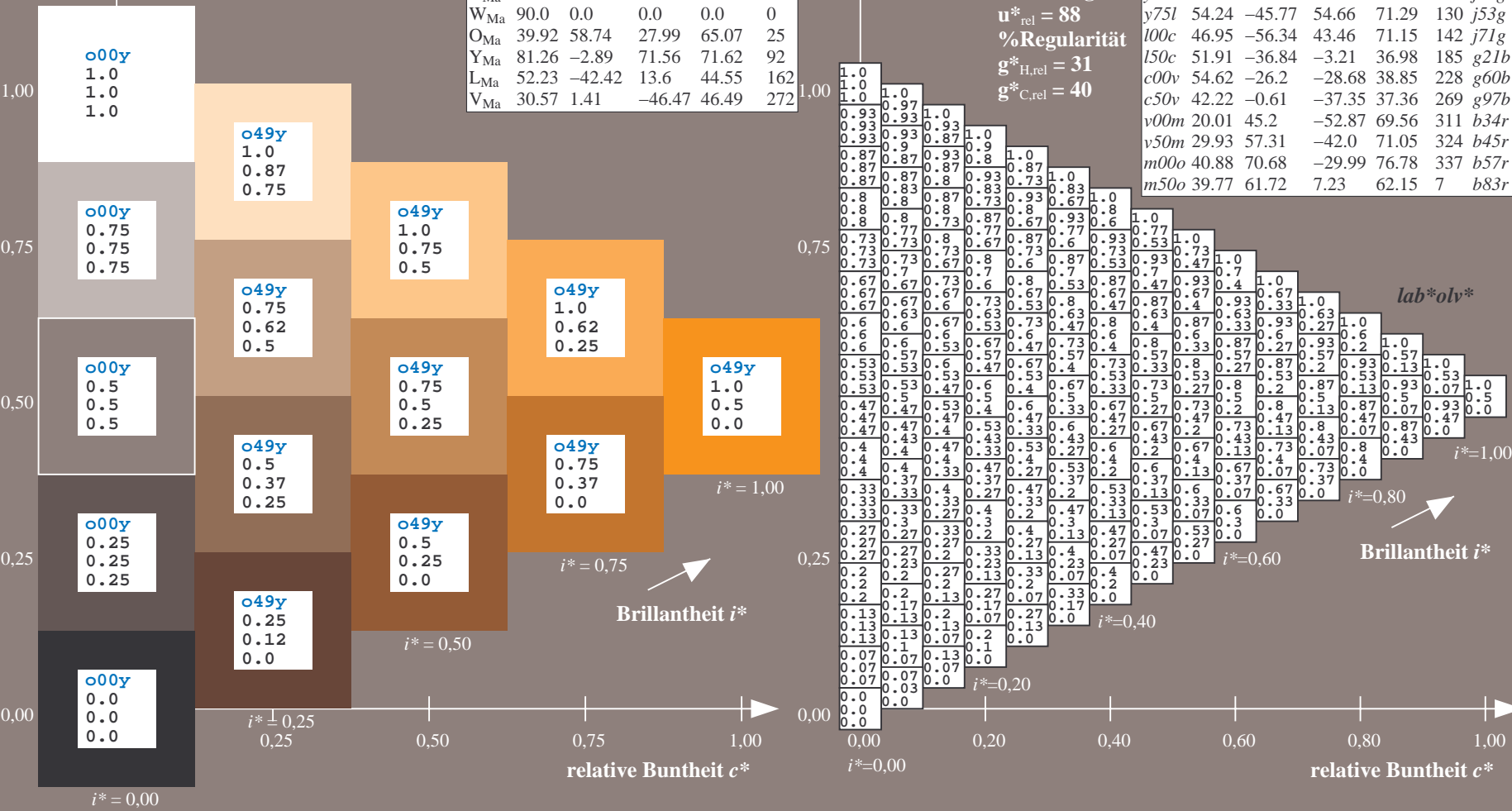
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$

Daten für jede Farbe:

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

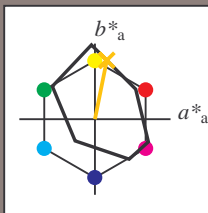
Bunttontexte:

$u^*_d = 0.75y$   $u^*_e = r79j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 16 78

$LAB^*LCH^*_{Ma}$ : 67 79 78

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

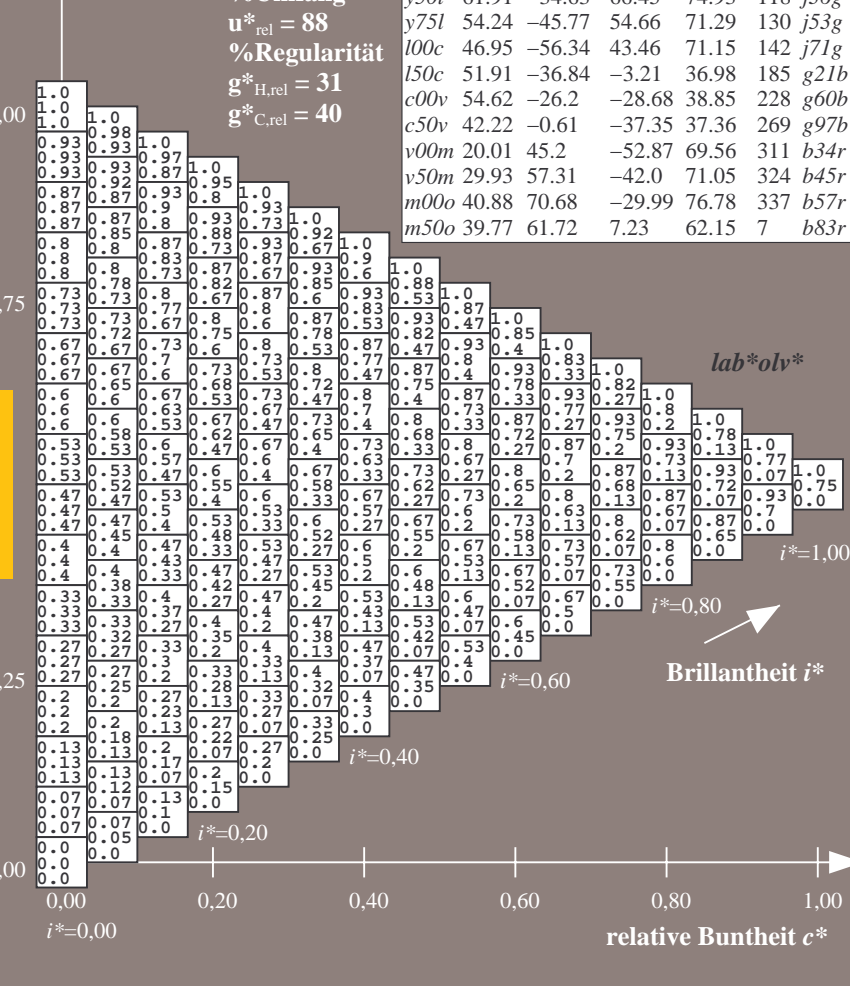
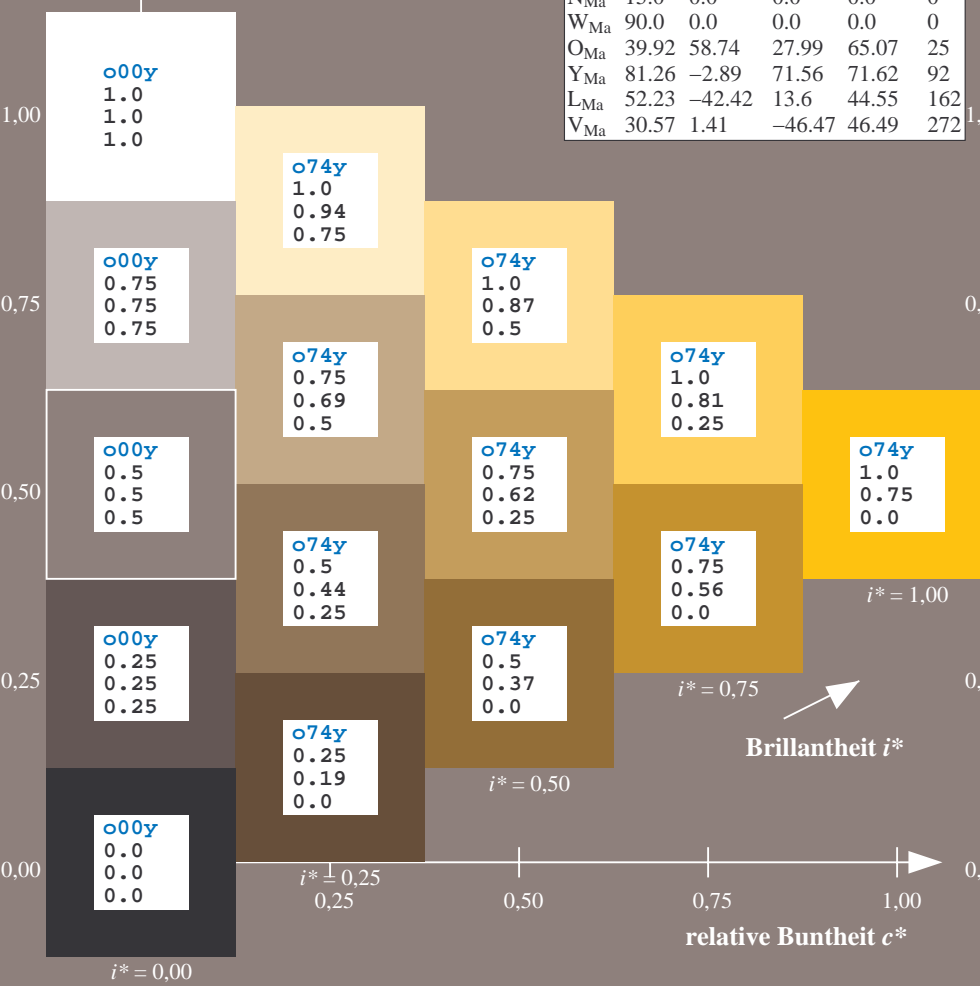
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$

Daten für jede Farbe:

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

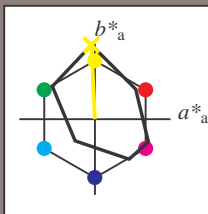
Bunttontexte:

$u^*_d = y00l$   $u^*_e = j0lg$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -5 98

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

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

$lab^*rgb^*_{Ma}$ : 0.99 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j0lg
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.292$

Daten für jede Farbe:

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

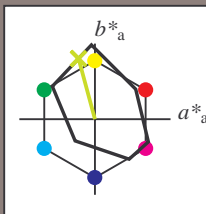
Bunttontexte:

$u^*_d = y25l$   $u^*_e = j18g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 71 -22 80

$LAB^*LCH^*_{Ma}$ : 71 83 105

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

$lab^*rgb^*_{Ma}$ : 0.82 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

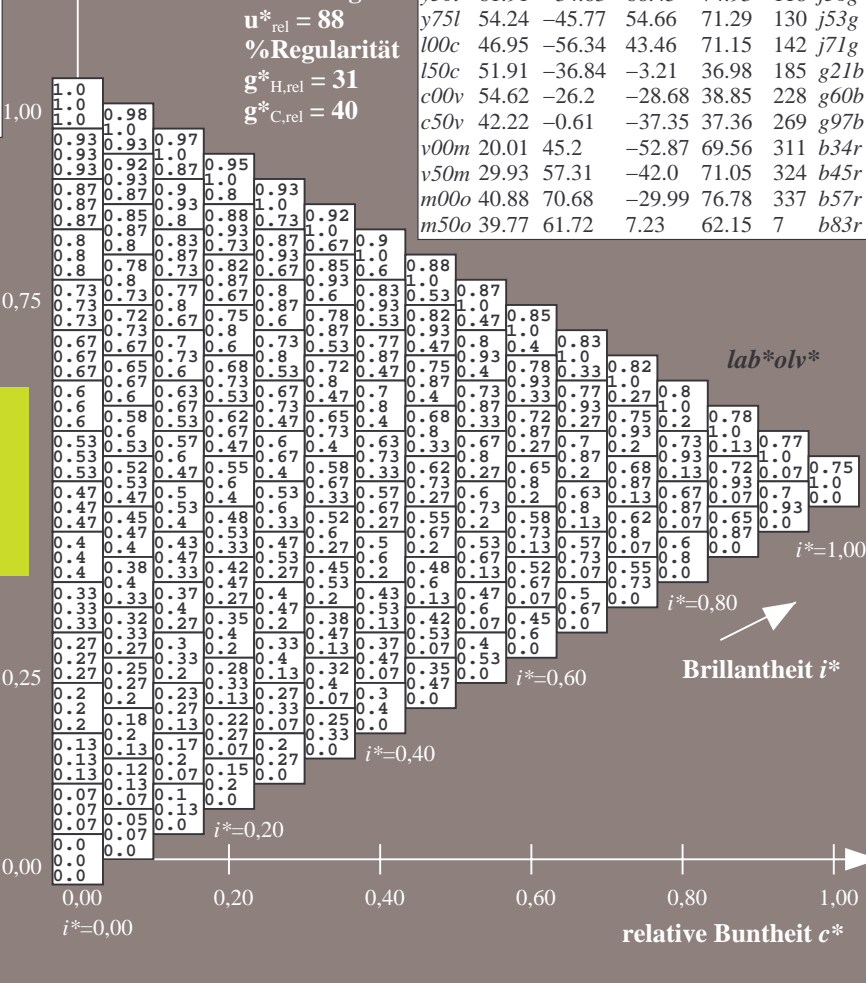
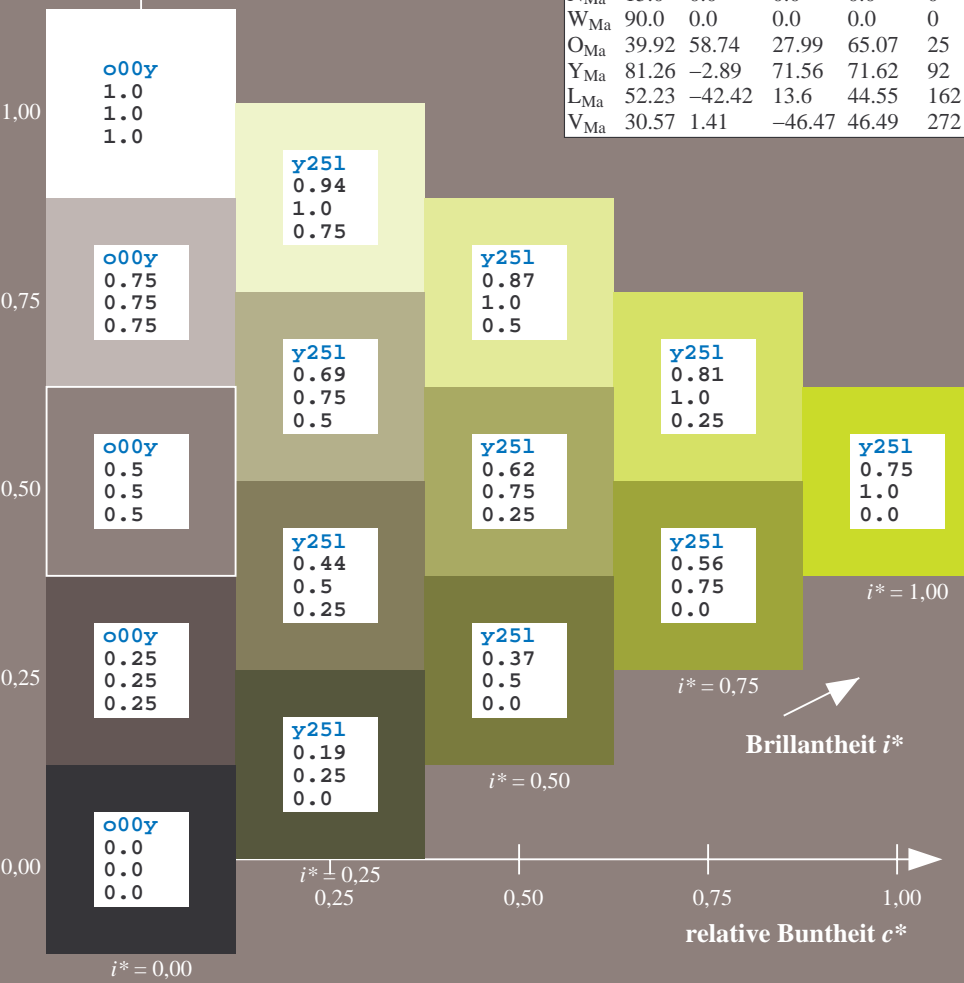
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.326$

Daten für jede Farbe:

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

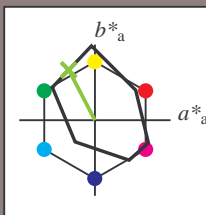
Bunttontexte:

$u^*_d = y50l$   $u^*_e = j36g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 62 -35 66

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 62 75 117

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

$\text{lab}^*\text{rgb}^*_{Ma}$ : 0.64 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.361$

Daten für jede Farbe:

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

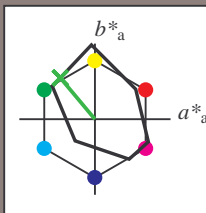
Bunttontexte:

$u^*_d = y75l$   $u^*_e = j53g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -46 55

$LAB^*LCH^*_{Ma}$ : 54 71 129

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

$lab^*rgb^*_{Ma}$ : 0.46 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.395$

Daten für jede Farbe:

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

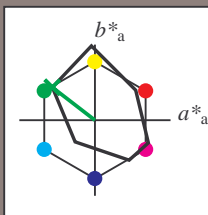
Bunttontexte:

$u^*_d = 100c$   $u^*_e = j71g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -56 43

$LAB^*LCH^*_{Ma}$ : 47 71 142

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

$lab^*rgb^*_{Ma}$ : 0.28 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

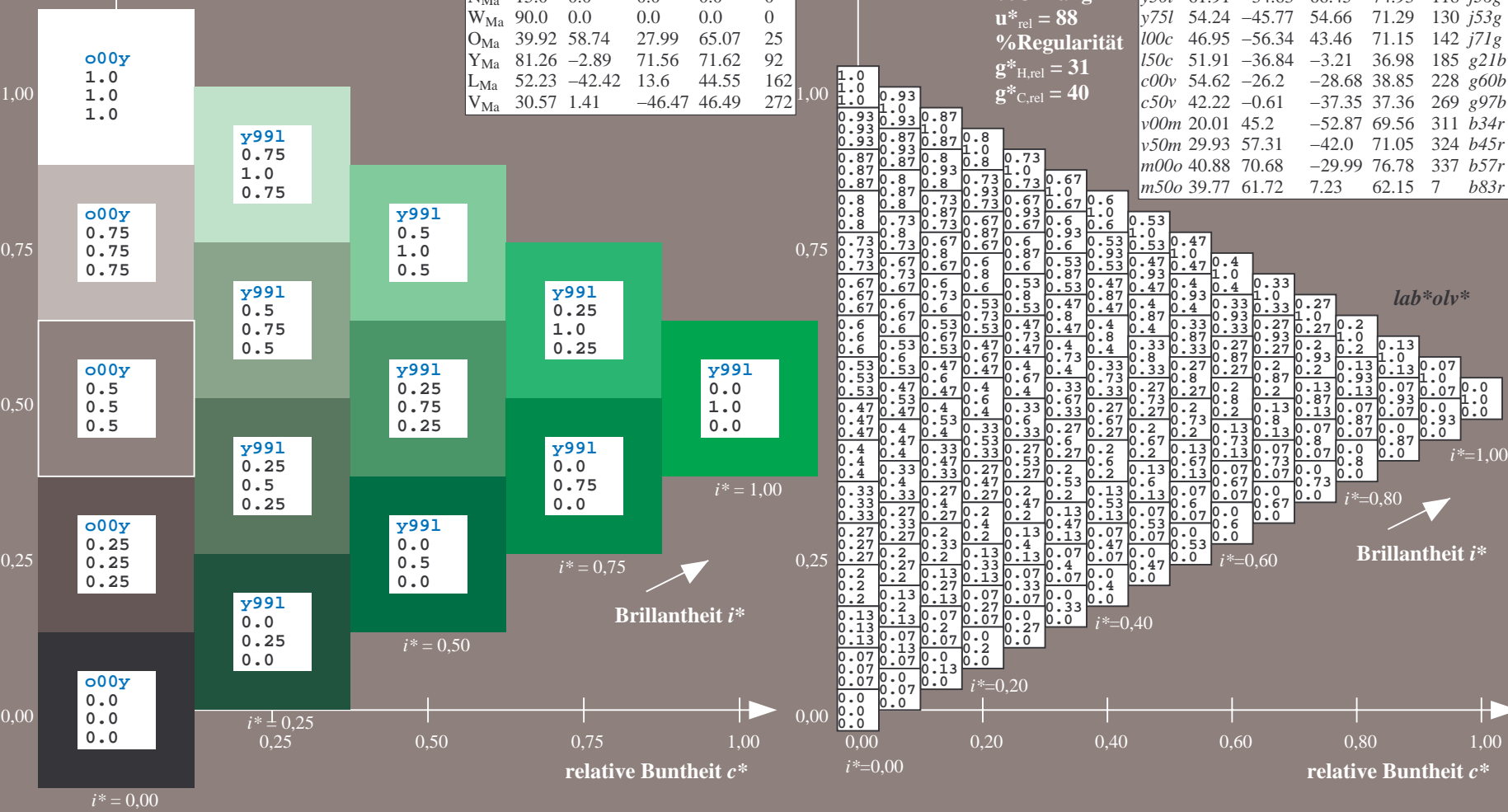
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.514$

Daten für jede Farbe:

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

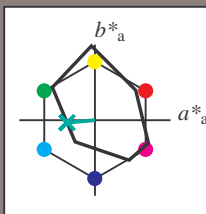
Bunttontexte:

$u^*_d = l50c$   $u^*_e = g21b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -37 -3

$LAB^*LCH^*_{Ma}$ : 52 37 184

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

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.42

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

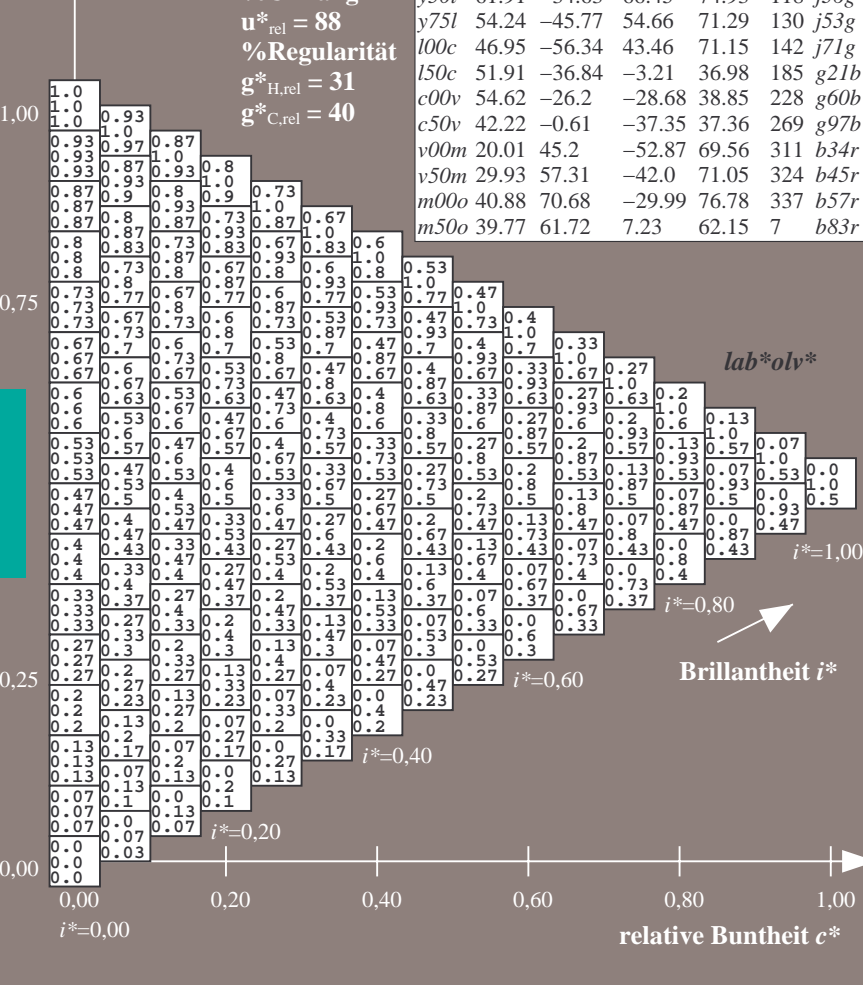
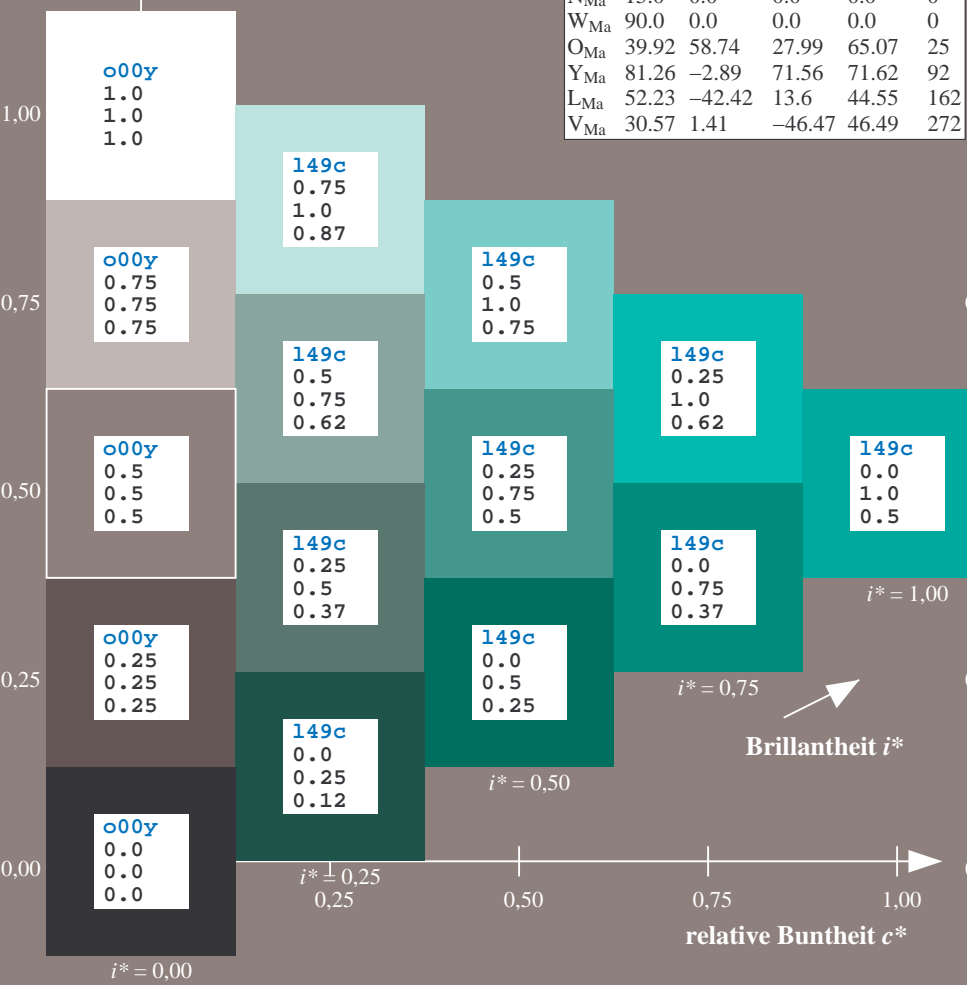
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$

Daten für jede Farbe:

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

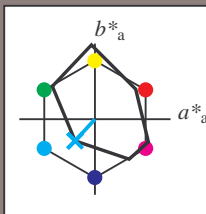
Bunttontexte:

$u^*_d = c00v$   $u^*_e = g60b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 55 -26 -29

$LAB^*LCH^*_{Ma}$ : 55 39 227

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

$lab^*rgb^*_{Ma}$ : 0.0 0.81 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

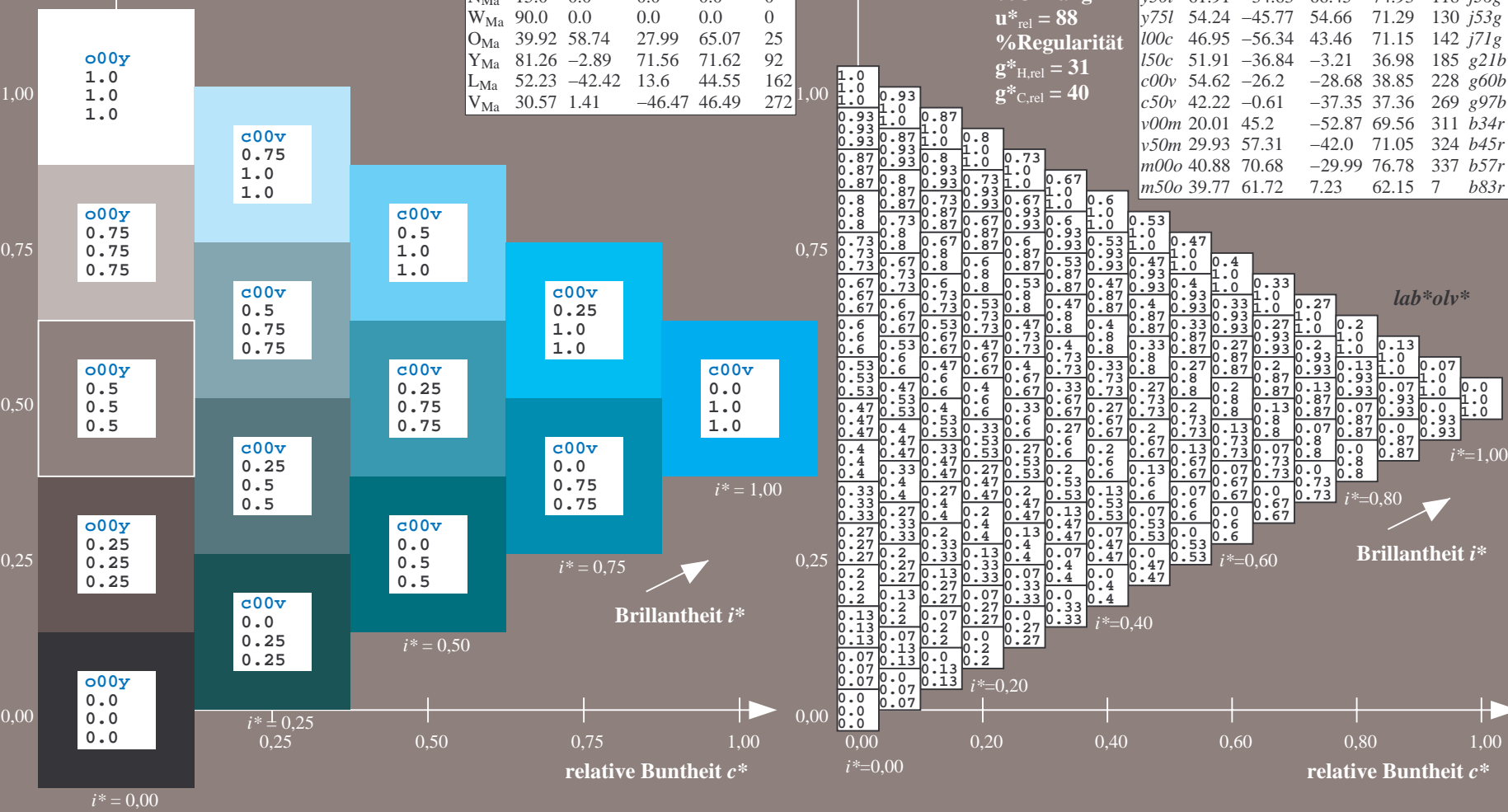
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$

Daten für jede Farbe:

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

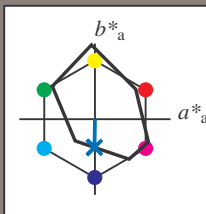
Bunttontexte:

$u^*_d = c50v$   $u^*_e = g97b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 -1 -37

$LAB^*LCH^*_{Ma}$ : 42 37 269

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

$lab^*rgb^*_{Ma}$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.863$

Daten für jede Farbe:

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

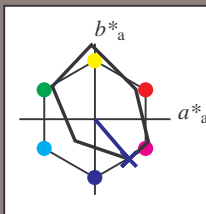
Bunttontexte:

$u^*_d = v00m$   $u^*_e = b34r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 20 45 -53

$LAB^*LCH^*_{Ma}$ : 20 70 310

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

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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

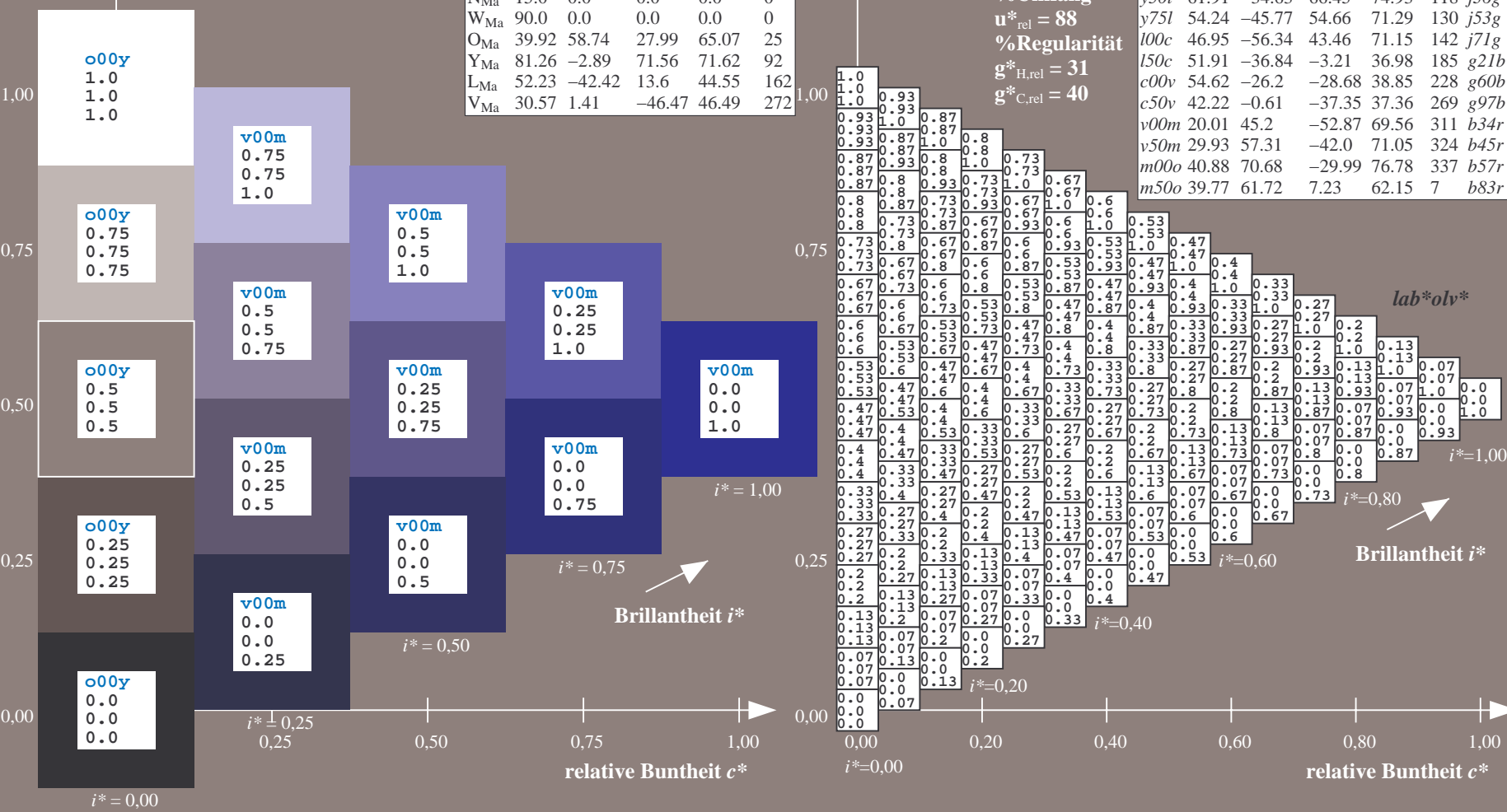
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$

Daten für jede Farbe:

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

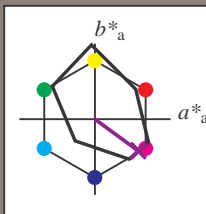
Bunttontexte:

$u^*_d = v50m$   $u^*_e = b45r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 57 -42

$LAB^*LCH^*_{Ma}$ : 30 71 323

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

$lab^*rgb^*_{Ma}$ : 0.91 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.936$

Daten für jede Farbe:

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

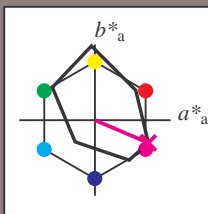
Bunttontexte:

$u^*_d = m00o$   $u^*_e = b57r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 71 -30

$LAB^*LCH^*_{Ma}$ : 41 77 337

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.85

Dreiecks-Helligkeit  $i^*$

%Umfang

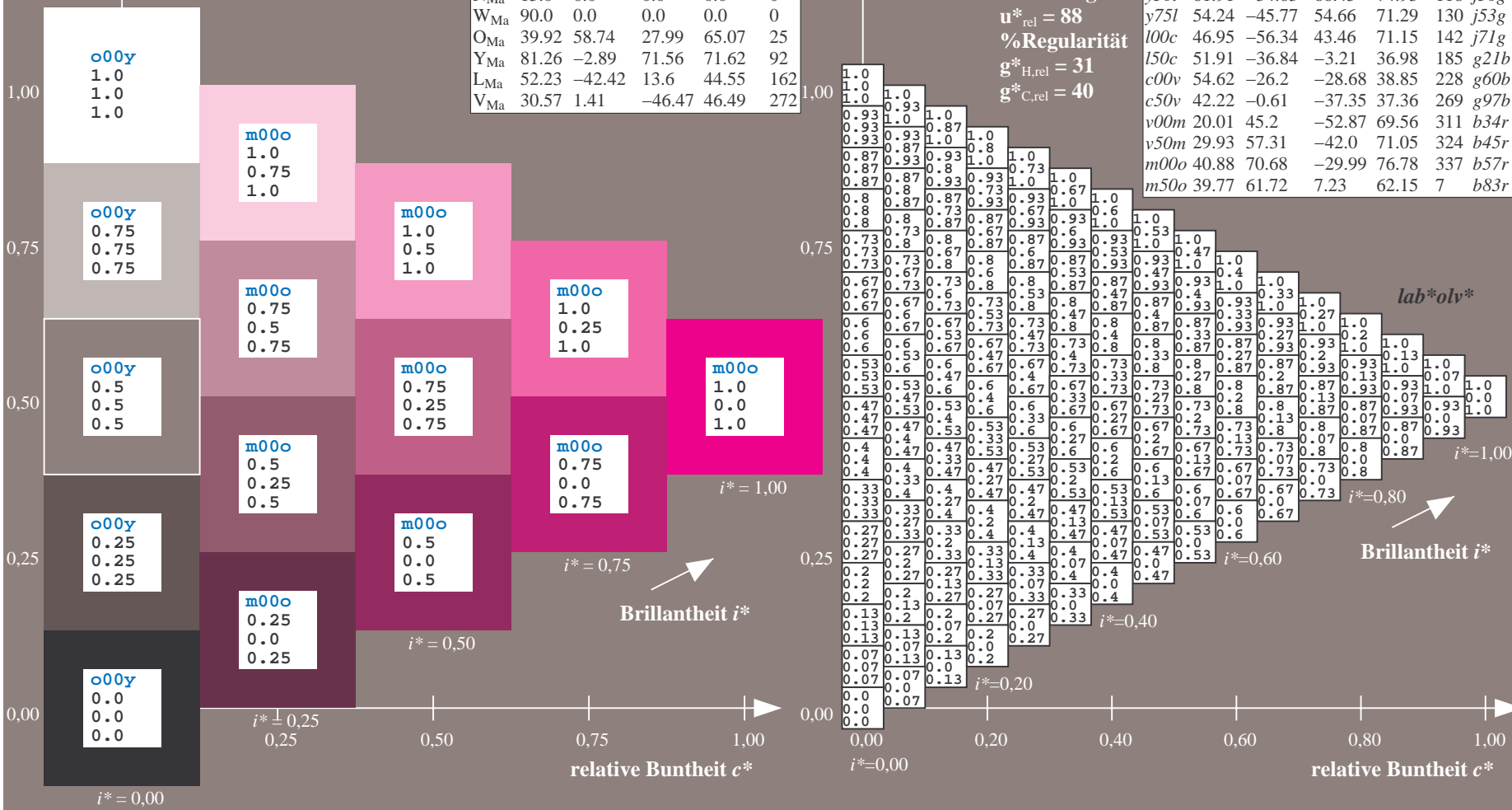
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.019$

Daten für jede Farbe:

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

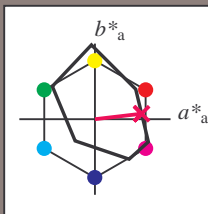
Bunttontexte:

$u^*_d = m50o$   $u^*_e = b83r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 62 7

$LAB^*LCH^*_{Ma}$ : 40 62 6

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.33

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

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/Eg63/>; [www.ps.bam.de/Eg63/](http://www.ps.bam.de/Eg63/); [www.ps.bam.de/Eg63/](http://www.ps.bam.de/Eg63/)  
Technische Information: <http://www.ps.bam.de/Version2.1,io=1.1,ColSp=0>

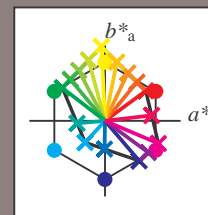
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*oly*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25

BAM-Registrierung: 20081001-Eg63/10L/L63G00NP.PS/.PDF BAM-Material: Code=th4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

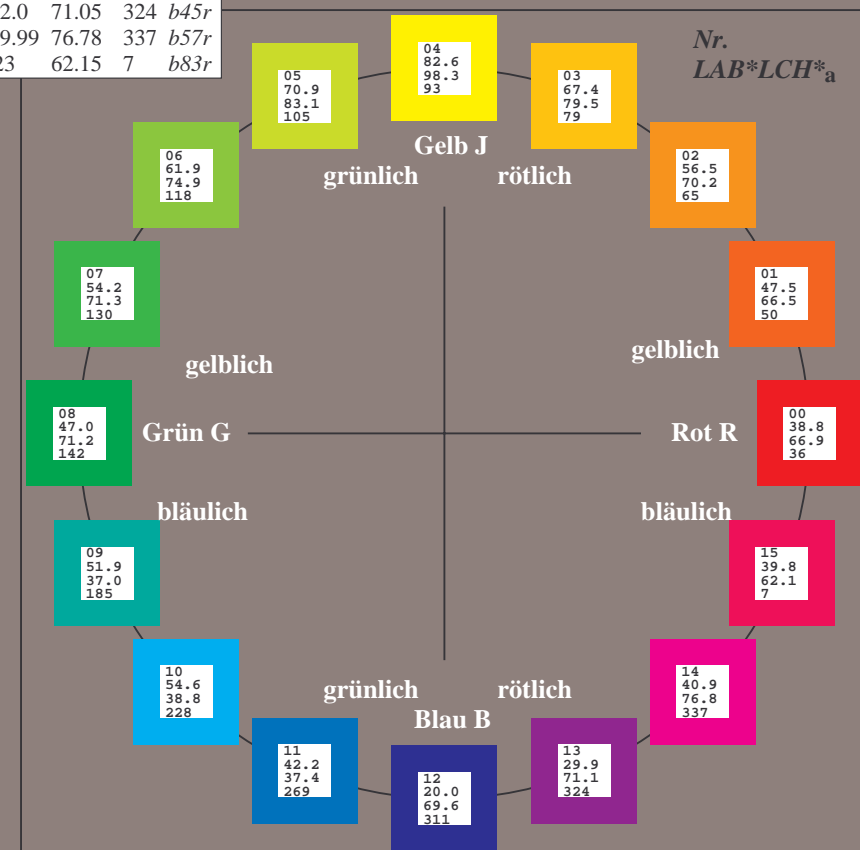
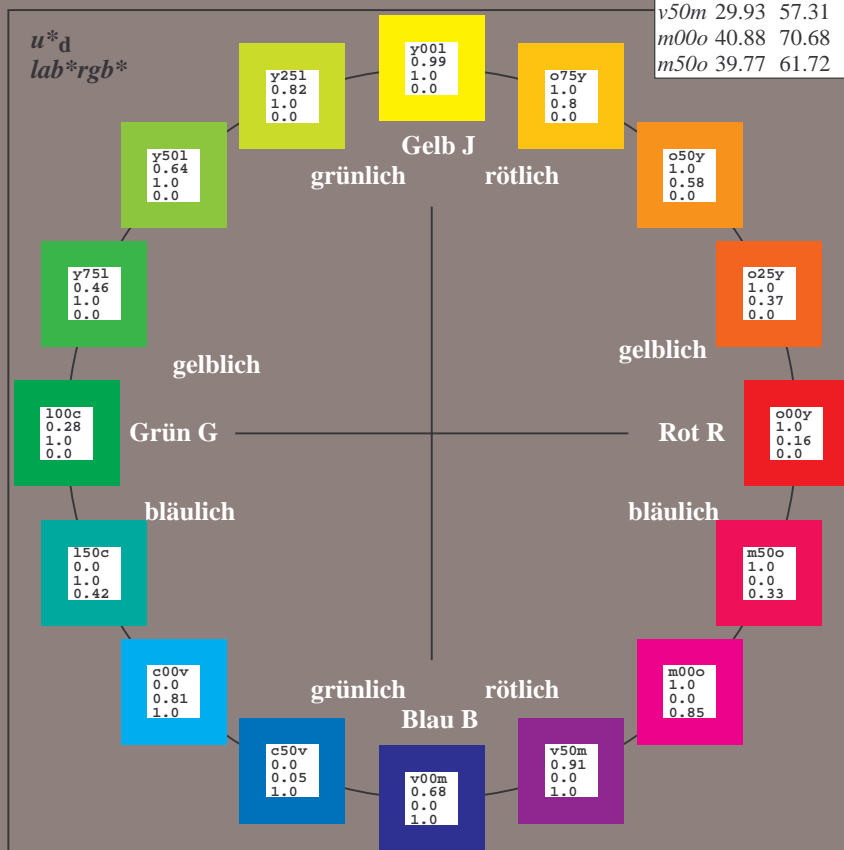
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%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
$O_{CIE}$	39.92	58.74	27.99	65.07	25
$Y_{CIE}$	81.26	-2.89	71.56	71.62	92
$L_{CIE}$	52.23	-42.42	13.6	44.55	162
$V_{CIE}$	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$

Daten für jede Farbe:

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

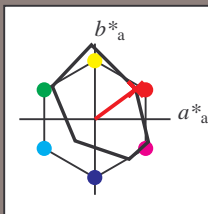
Bunttontexte:

$u^*_d = o00y$   $u^*_e = r16j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 54 40

$LAB^*LCH^*_{Ma}$ : 39 67 36

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

$lab^*rgb^*_{Ma}$ : 1.0 0.16 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

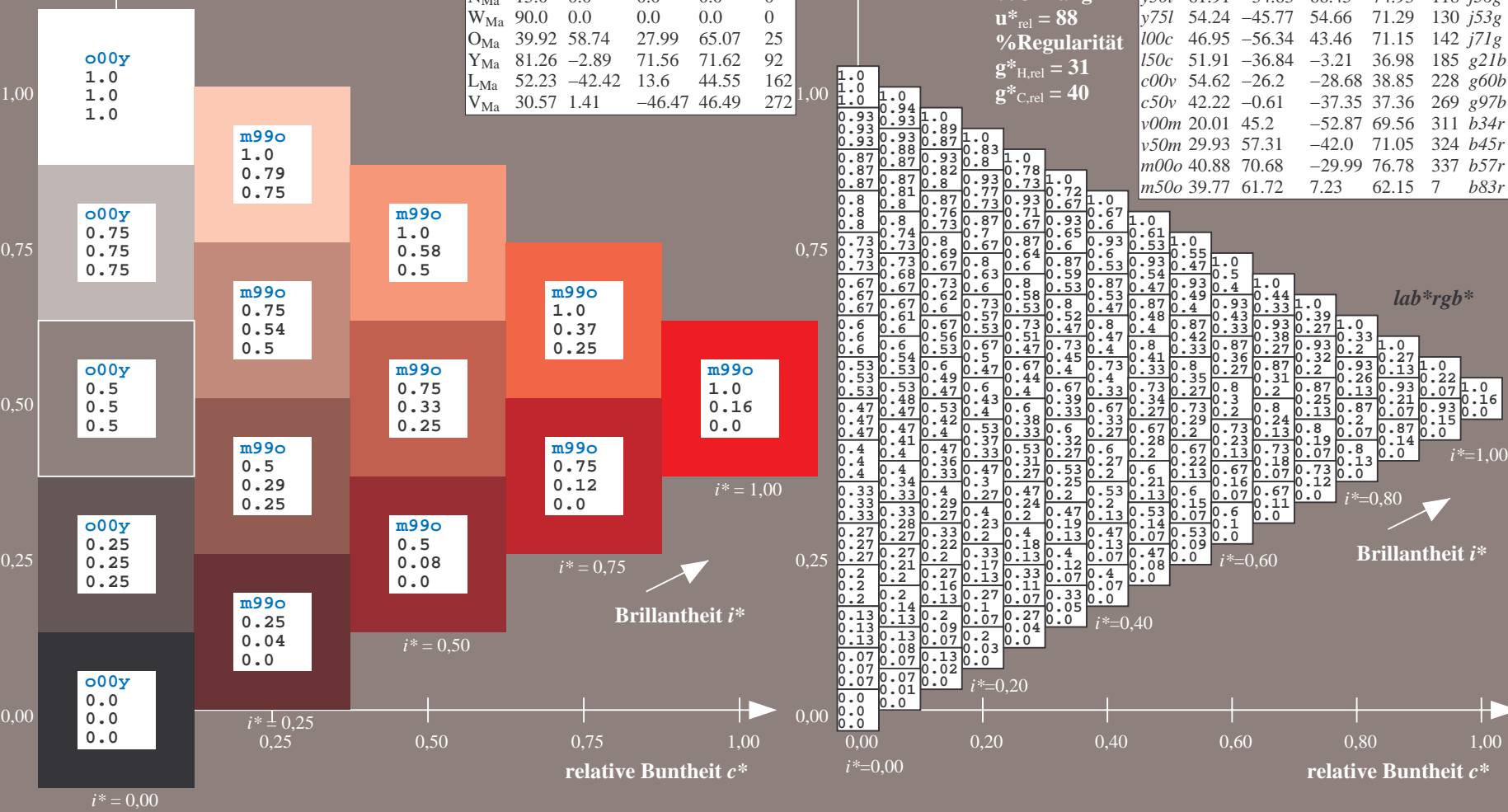
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

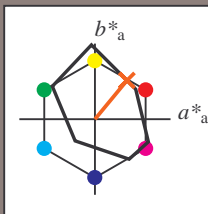
Bunttontexte:

$u^*_d = o25y$   $u^*_e = r37j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 47 42 51

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 47 66 50

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.37 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.179$

Daten für jede Farbe:

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

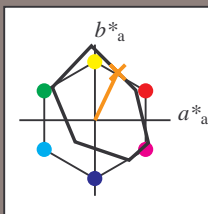
Bunttontexte:

$u^*_d = o50y$   $u^*_e = r58j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 57 30 63

$LAB^*LCH^*_{Ma}$ : 57 70 64

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

$lab^*rgb^*_{Ma}$ : 1.0 0.58 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

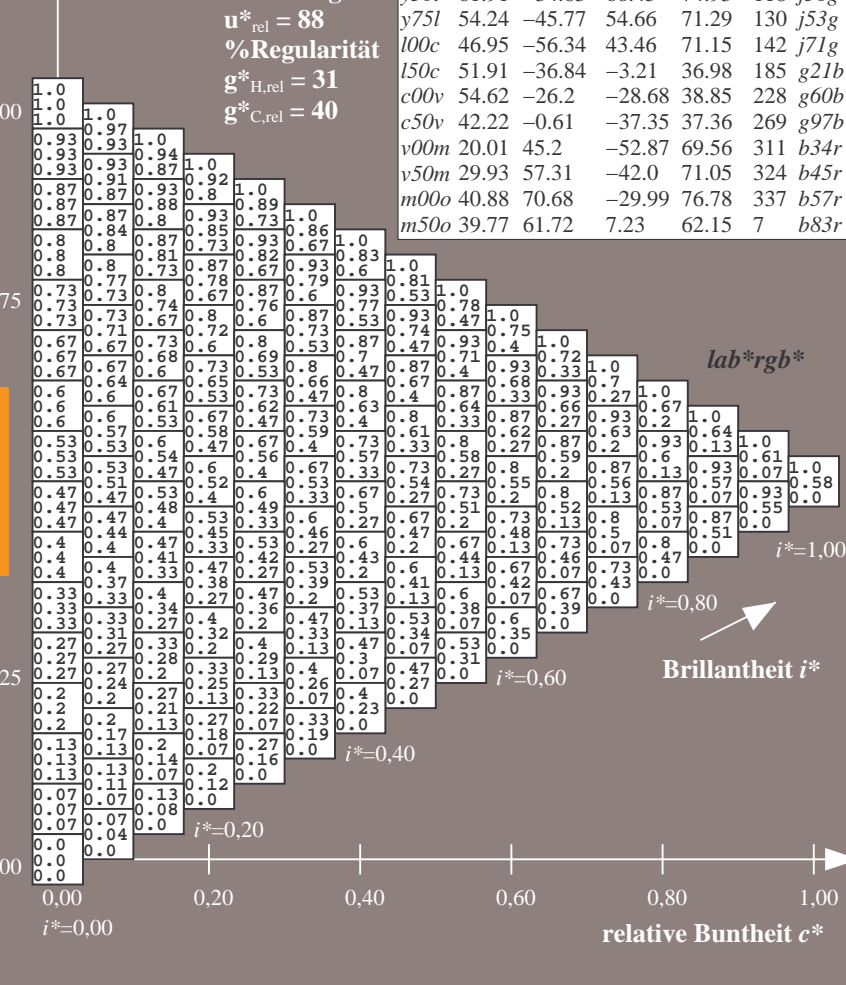
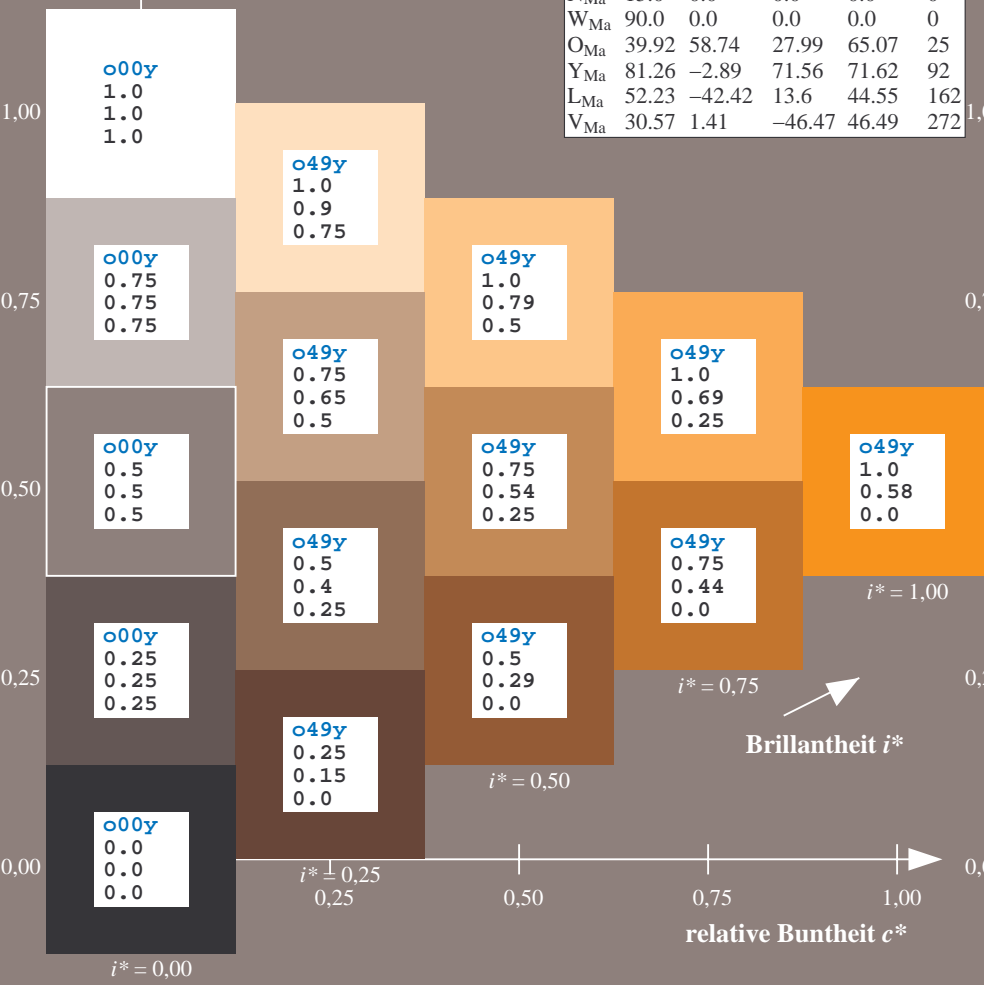
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$

Daten für jede Farbe:

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

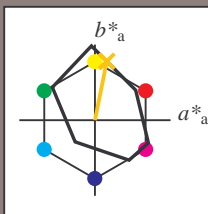
Bunttontexte:

$u^*_d = 0.75y$   $u^*_e = r79j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 16 78

$LAB^*LCH^*_{Ma}$ : 67 79 78

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*rgb^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.258$

Daten für jede Farbe:

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

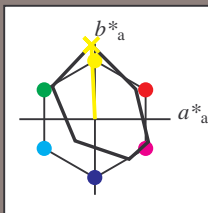
Bunttontexte:

$u^*_d = y00l$   $u^*_e = j0lg$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -5 98

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

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

$lab^*rgb^*_{Ma}$ : 0.99 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j0lg
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.292$

Daten für jede Farbe:

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

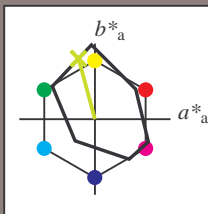
Bunttontexte:

$u^*_d = y25l$   $u^*_e = j18g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 71 -22 80

$LAB^*LCH^*_{Ma}$ : 71 83 105

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

$lab^*rgb^*_{Ma}$ : 0.82 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.326$

Daten für jede Farbe:

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

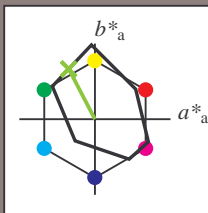
Bunttontexte:

$u^*_d = y50l$   $u^*_e = j36g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 62 -35 66

$LAB^*LCH^*_{Ma}$ : 62 75 117

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

$lab^*rgb^*_{Ma}$ : 0.64 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*rgb^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.361$

Daten für jede Farbe:

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

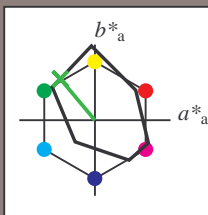
Bunttontexte:

$u^*_d = y75l$   $u^*_e = j53g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -46 55

$LAB^*LCH^*_{Ma}$ : 54 71 129

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

$lab^*rgb^*_{Ma}$ : 0.46 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

	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36		r16j
o25y	47.46	42.34	51.25	66.48	50		r37j
o50y	56.54	30.2	63.39	70.22	65		r58j
o75y	67.39	15.68	77.9	79.47	79		r79j
y00l	82.58	-4.64	98.22	98.33	93		j01g
y25l	70.85	-21.66	80.19	83.07	105		j18g
y50l	61.91	-34.63	66.45	74.93	118		j36g
y75l	54.24	-45.77	54.66	71.29	130		j53g
l00c	46.95	-56.34	43.46	71.15	142		j71g
l50c	51.91	-36.84	-3.21	36.98	185		g21b
c00v	54.62	-26.2	-28.68	38.85	228		g60b
c50v	42.22	-0.61	-37.35	37.36	269		g97b
v00m	20.01	45.2	-52.87	69.56	311		b34r
v50m	29.93	57.31	-42.0	71.05	324		b45r
m00o	40.88	70.68	-29.99	76.78	337		b57r
m50o	39.77	61.72	7.23	62.15	7		b83r

$lab^*rgb^*$

$i^* = 1.00$

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  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.395$

Daten für jede Farbe:

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

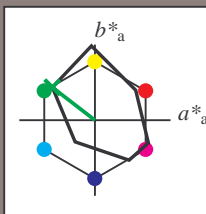
Bunttontexte:

$u^*_d = 100c$   $u^*_e = j71g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 47 -56 43

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 47 71 142

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.28 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

### Daten für jede Farbe:

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

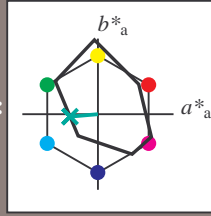
### Bunttontexte:

$$u^*_d = 150c \quad u^*_e = g21b$$

### Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74		27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89		71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42		13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41		-46.47	46.49	272

### Daten für Maximalfarbe (Ma):

**LAB\*LAB\*<sub>M2</sub>: 52 -37 -3**

*LAP\*LCH\**: 52 37 184

**LAB LCH** Ma: 52 57 1  
Lab: Lab: 00 10 05

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

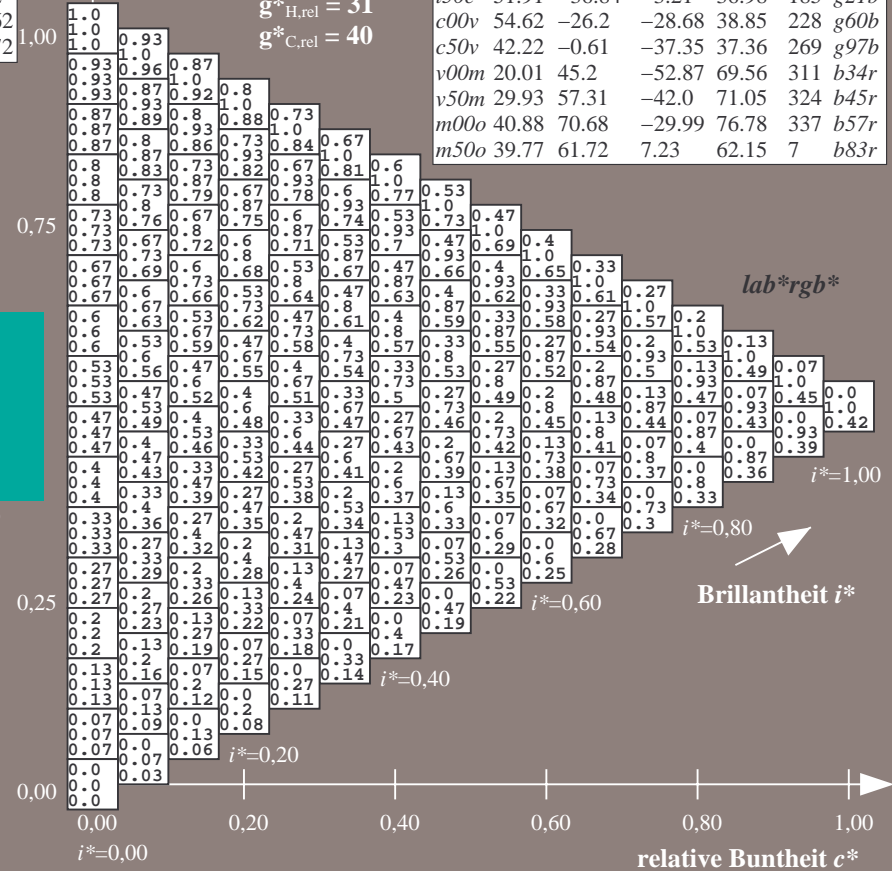
*lab\*rgb\*\_Ma: 0.0 1.0 0.42*

### Dreiecks-Helligkeit $t^*$

## %Umfang

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

### %Regularität

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


## Brillantheit $i^*$

0.80 1.00

[illegible]

### Relative Buntheit $c^*$

BAM-Prüfvorlage Eg63: Farbmatrik-Systeme. Seite 65/198      Eingabe: 000n / w / nnn0 / www set...

D65: Farbreihen, Datentabellen für 16 Bunttöne *o00v* bis *m75o* Ausgabe:  $\rightarrow cmv0^* setcmvcolor$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$

Daten für jede Farbe:

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

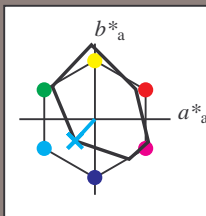
Bunttontexte:

$u^*_d = c00v$   $u^*_e = g60b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 55 -26 -29

$LAB^*LCH^*_{Ma}$ : 55 39 227

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

$lab^*rgb^*_{Ma}$ : 0.0 0.81 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*rgb^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.747$

Daten für jede Farbe:

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

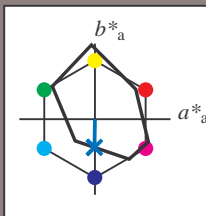
Bunttontexte:

$u^*_d = c50v$   $u^*_e = g97b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 -1 -37

$LAB^*LCH^*_{Ma}$ : 42 37 269

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

$lab^*rgb^*_{Ma}$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*rgb^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.863$

Daten für jede Farbe:

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

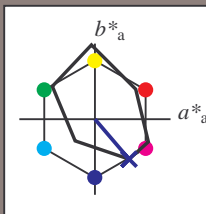
Bunttontexte:

$u^*_d = v00m$   $u^*_e = b34r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 20 45 -53

$LAB^*LCH^*_{Ma}$ : 20 70 310

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

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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

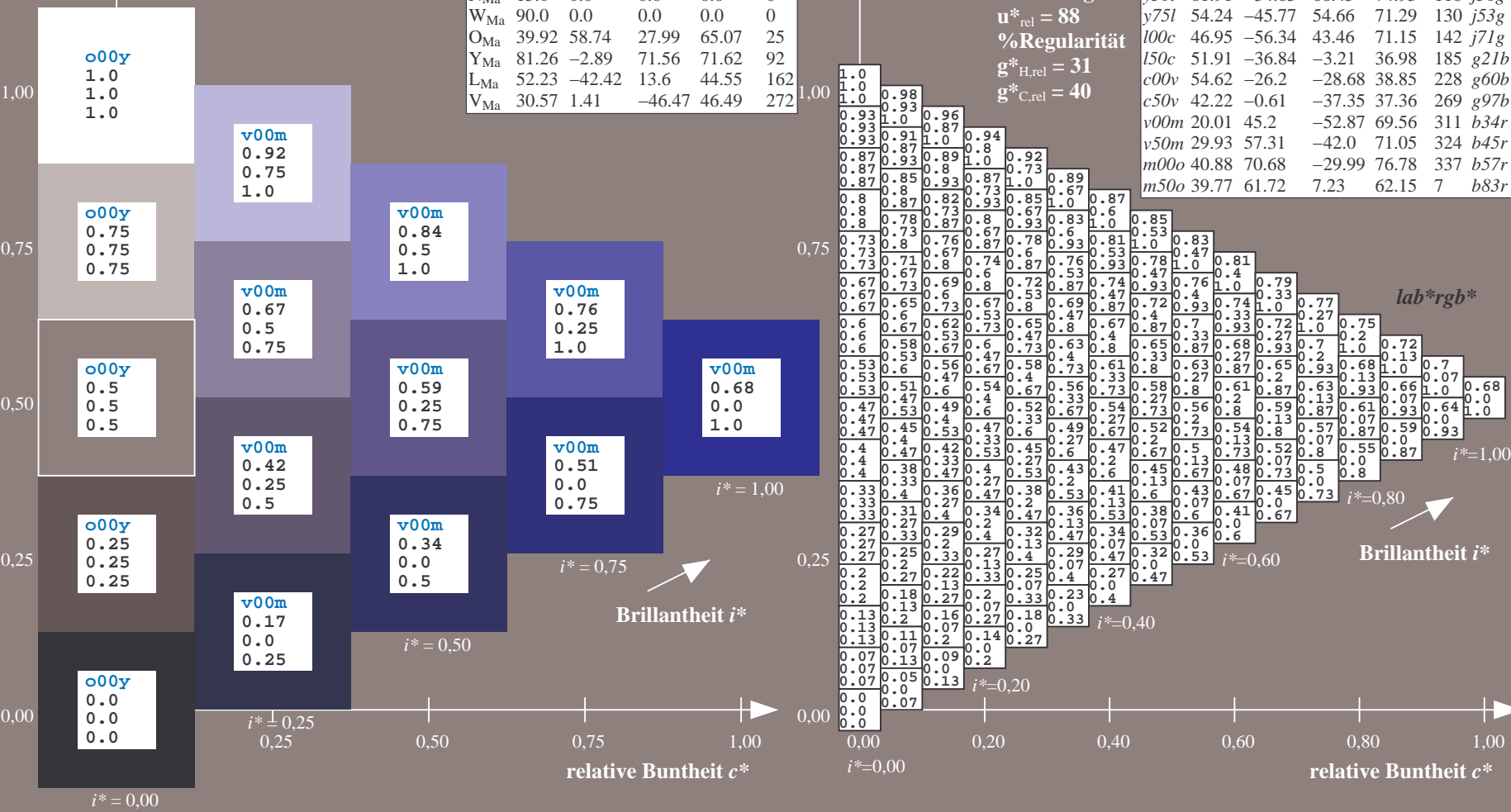
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$

Daten für jede Farbe:

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

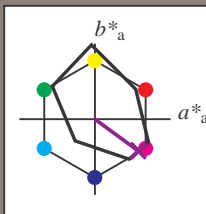
Bunttontexte:

$u^*_d = v50m$   $u^*_e = b45r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 57 -42

$LAB^*LCH^*_{Ma}$ : 30 71 323

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

$lab^*rgb^*_{Ma}$ : 0.91 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*rgb^*$

$i^* = 1.00$

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  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.936$

Daten für jede Farbe:

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

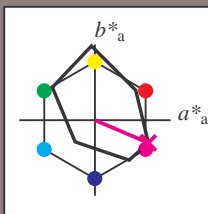
Bunttontexte:

$u^*_d = m00o$   $u^*_e = b57r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 41 71 -30

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 41 77 337

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.0 0.85

Dreiecks-Helligkeit  $i^*$

%Umfang

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

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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

$i^* = 1.00$

Brillantheit  $i^*$

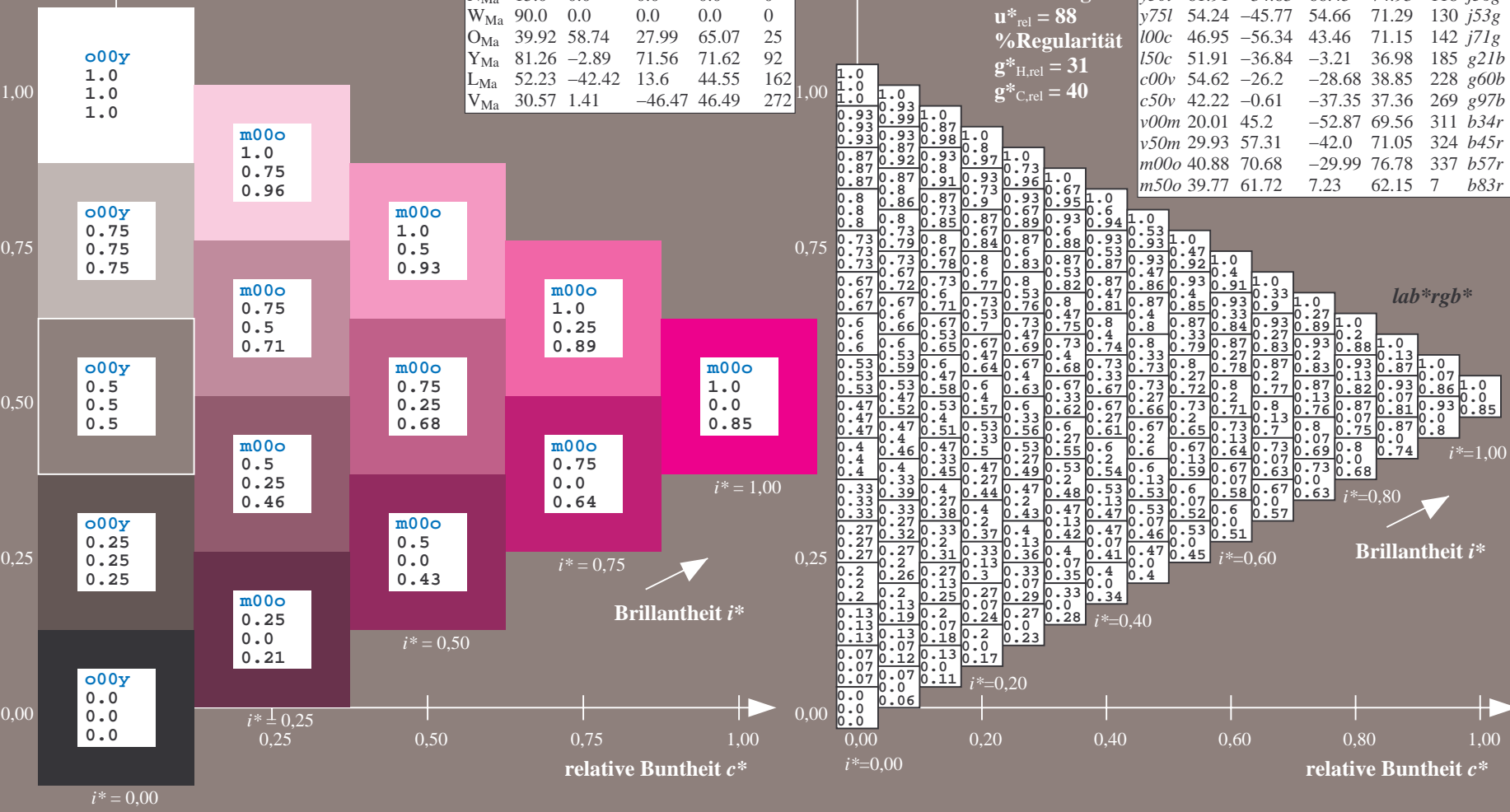
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.019$

Daten für jede Farbe:

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

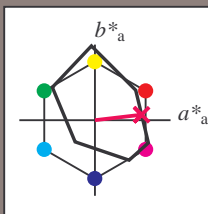
Bunttontexte:

$u^*_d = m50o$   $u^*_e = b83r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 62 7

$LAB^*LCH^*_{Ma}$ : 40 62 6

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.33

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

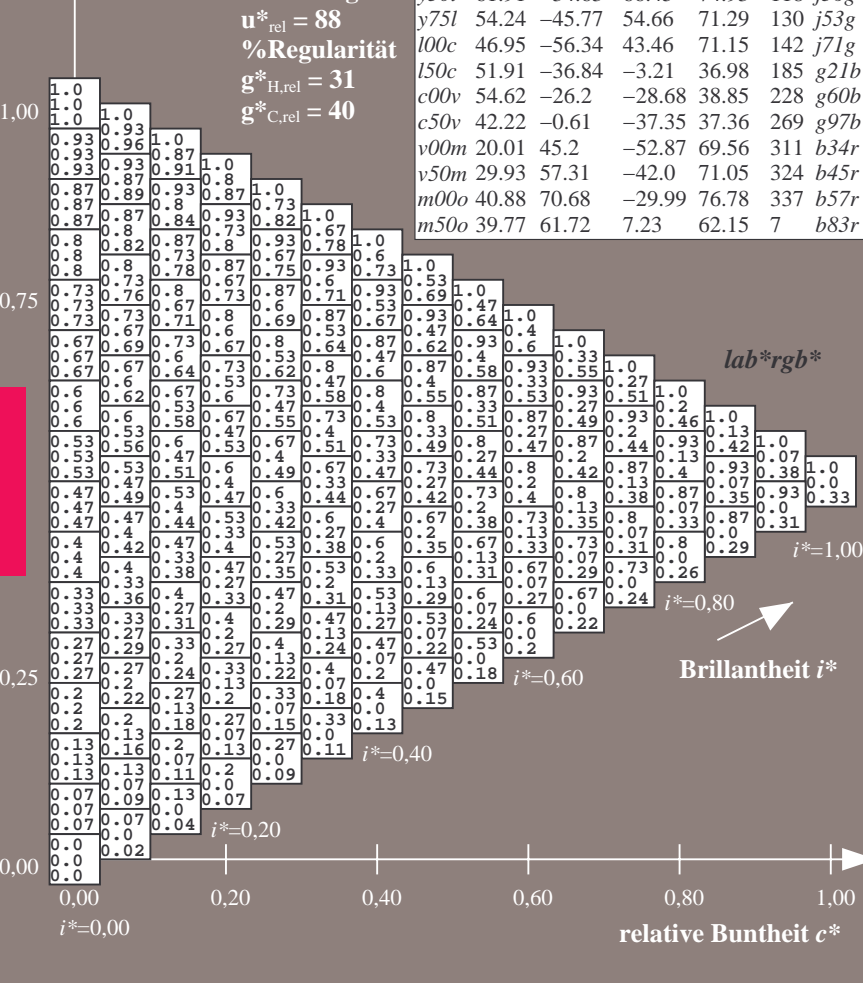
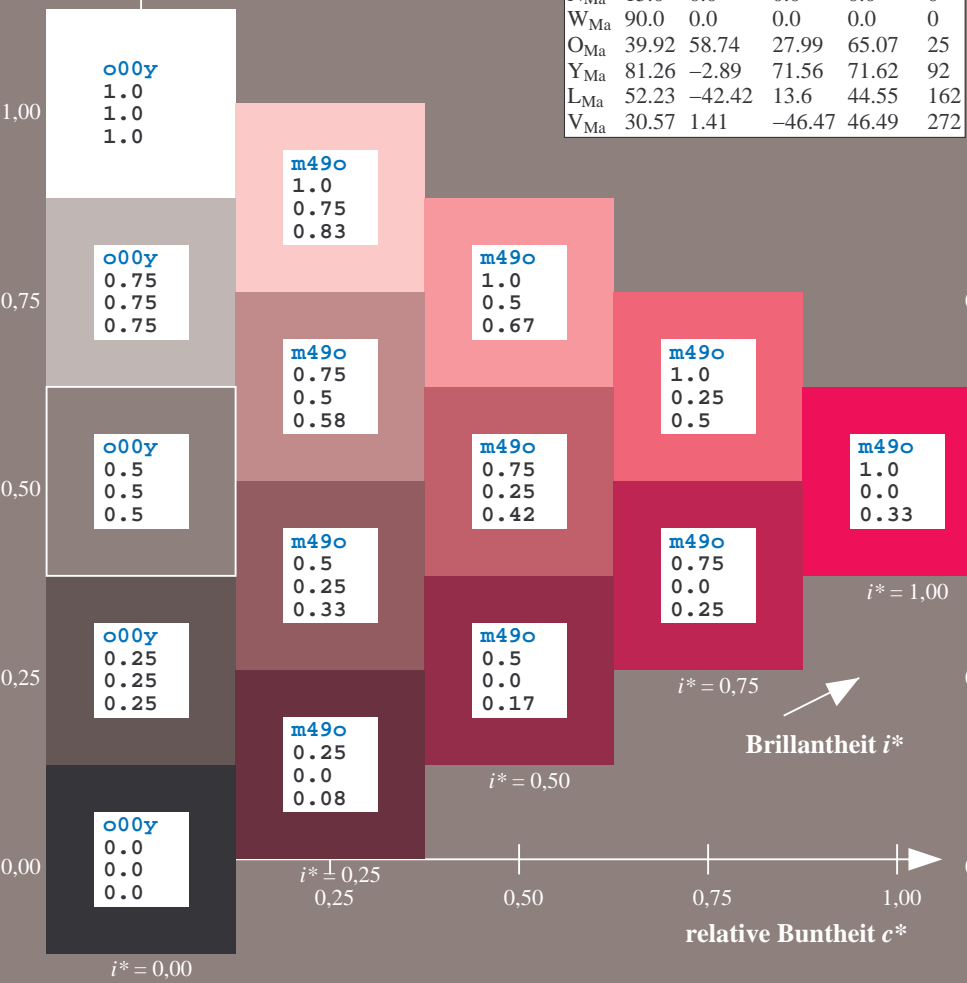
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



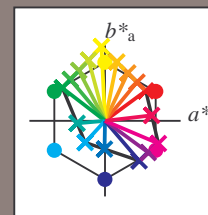
0.18	0.21	0.25	0.28	0.13	0.12	0.16	0.2	0.23	0.27	0.3	0.34	0.37	0.25	0.25	0.25	0.28	0.32	0.36	0.39	0.43	0.46	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.63	0.75	0.88	1.0	0.02	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.04	0.15	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.9	0.79	0.69	0.58	0.48	0.38	0.27	0.16	0.0	0.0	0.0
0.03	0.06	0.1	0.13	0.13	0.16	0.2	0.23	0.27	0.3	0.34	0.37	0.25	0.25	0.25	0.28	0.32	0.36	0.39	0.43	0.46	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13	
0.63	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	0.15	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.98	0.88	0.77	0.67	0.56	0.46	0.35	0.25	0.14	0.13	0.13	
0.0	0.0	0.0	0.0	0.0	0.11	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.08	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.1	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	
0.0	0.0	0.0	0.0	0.23	0.21	0.13	0.13	0.13	0.13	0.15	0.19	0.22	0.25	0.25	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	
0.63	0.75	0.88	1.0	0.0	0.13	0.23	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	0.95	0.85	0.75	0.65	0.54	0.44	0.33	0.23	0.12	0.25	0.25	
0.16	0.12	0.07	0.03	0.25	0.25	0.25	0.23	0.18	0.14	0.13	0.13	0.13	0.21	0.23	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.1	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	
0.0	0.0	0.0	0.0	0.31	0.3	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.37	0.37	0.35	0.34	0.25	0.25	0.25	0.28	0.31	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	
0.63	0.75	0.88	1.0	0.0	0.13	0.14	0.33	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.35	0.5	0.63	0.75	0.88	1.0	0.93	0.83	0.73	0.63	0.52	0.42	0.31	0.21	0.1	0.38	0.38	
0.36	0.31	0.27	0.22	0.38	0.38	0.38	0.38	0.38	0.33	0.29	0.24	0.2	0.38	0.38	0.38	0.38	0.35	0.31	0.26	0.25	0.25	0.1	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	
0.0	0.0	0.0	0.0	0.4	0.38	0.2	0.13	0.13	0.13	0.13	0.13	0.13	0.46	0.44	0.42	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	
0.63	0.75	0.88	1.0	0.0	0.13	0.13	0.24	0.43	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.26	0.45	0.63	0.75	0.88	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.29	0.19	0.08	0.5	0.5	
0.55	0.51	0.46	0.42	0.5	0.5	0.5	0.5	0.5	0.53	0.48	0.44	0.39	0.5	0.5	0.5	0.5	0.5	0.5	0.46	0.41	0.37	0.1	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0			



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

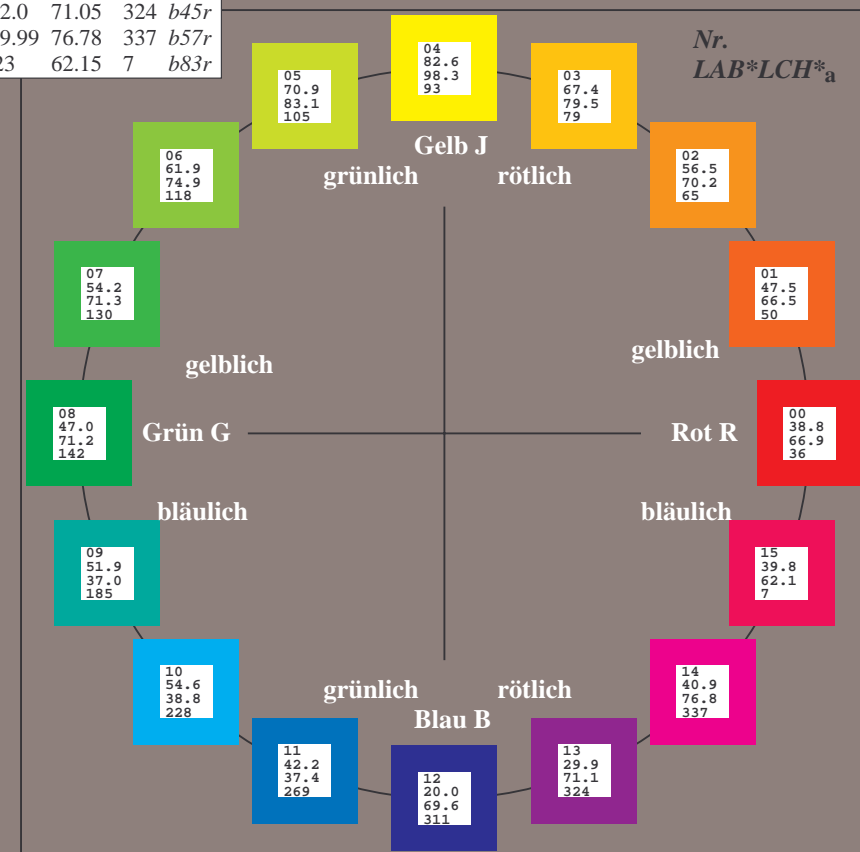
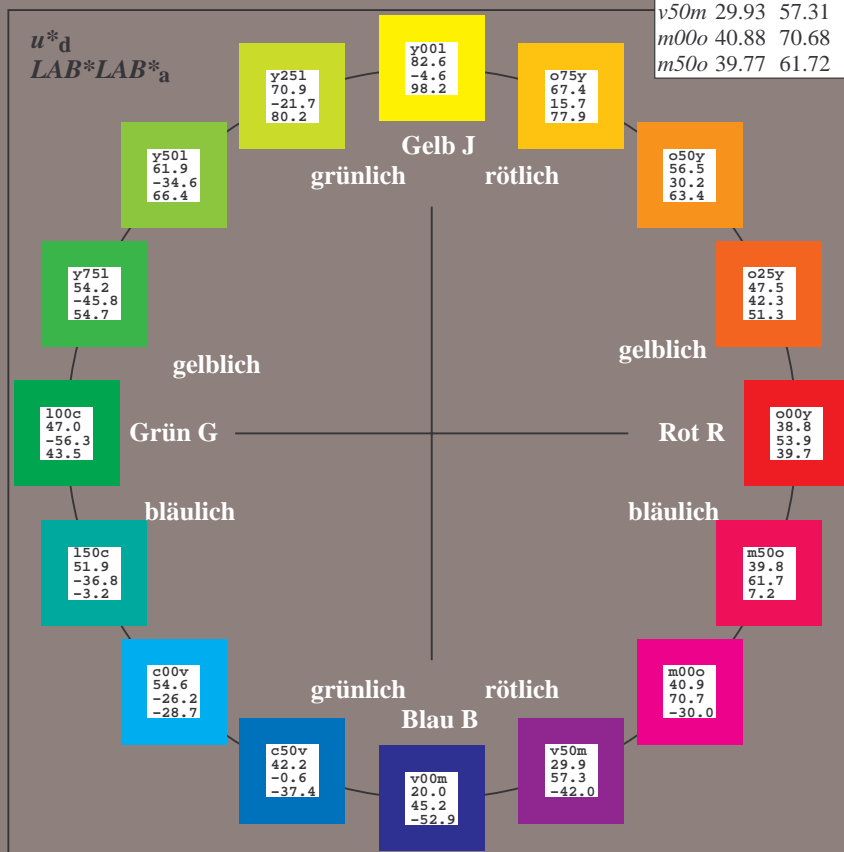
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%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
$O_{CIE}$	39.92	58.74	27.99	65.07	25
$Y_{CIE}$	81.26	-2.89	71.56	71.62	92
$L_{CIE}$	52.23	-42.42	13.6	44.55	162
$V_{CIE}$	30.57	1.41	-46.47	46.49	272





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$

Daten für jede Farbe:

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

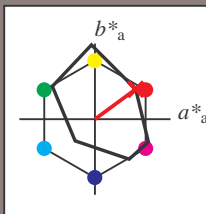
Bunttontexte:

$u^*_d = o00y$   $u^*_e = r16j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 54 40

$LAB^*LCH^*_{Ma}$ : 39 67 36

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

$lab^*rgb^*_{Ma}$ : 1.0 0.16 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>

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

$i^*=1.00$

Brillantheit  $i^*$

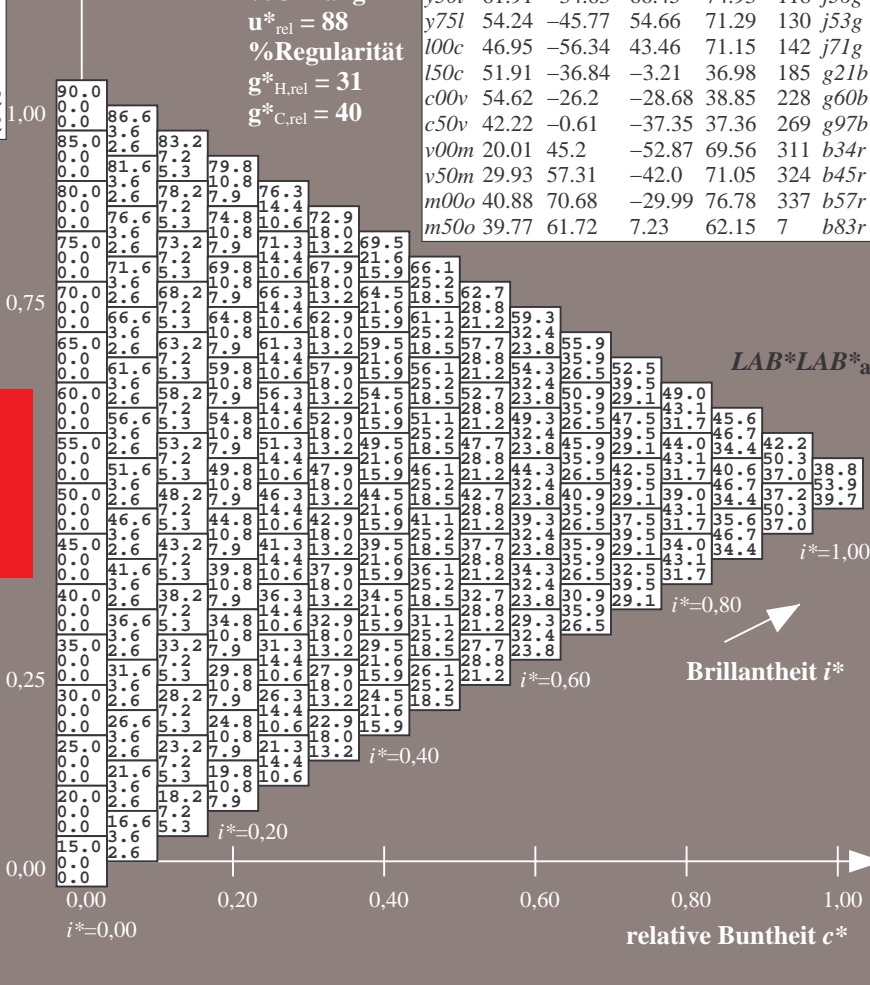
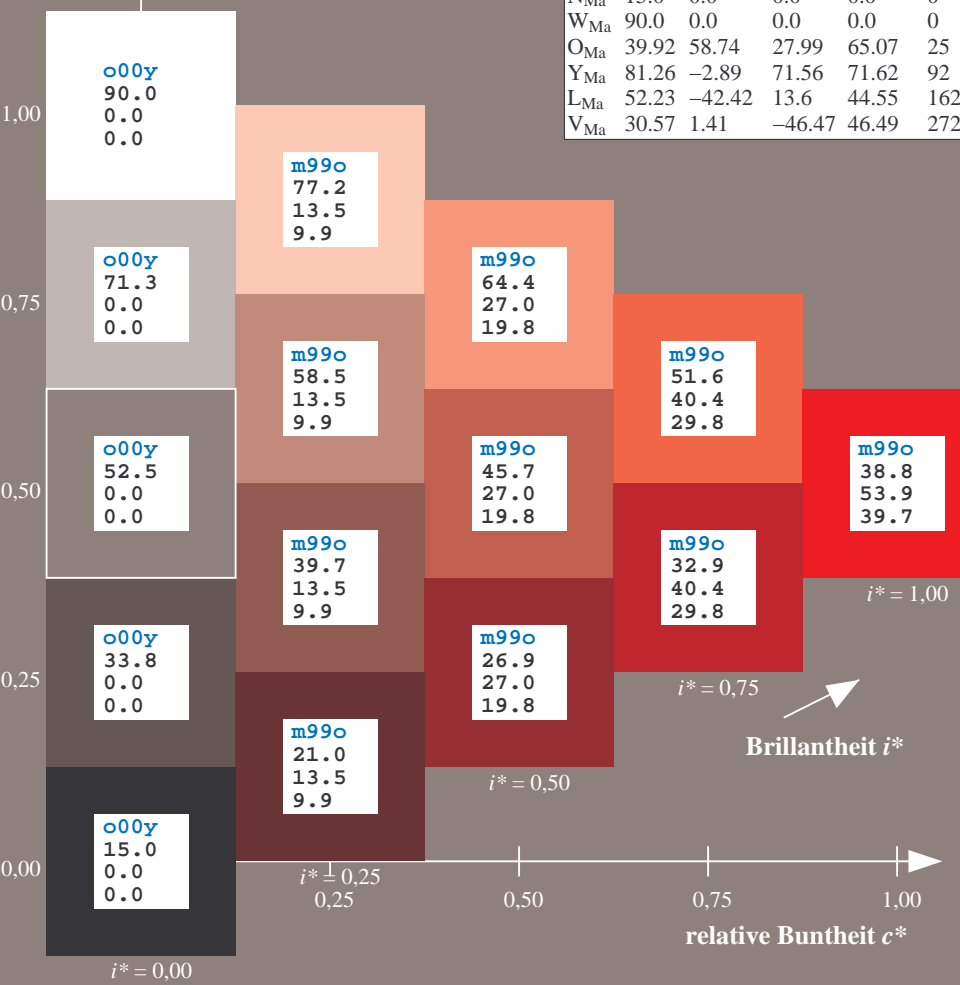
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

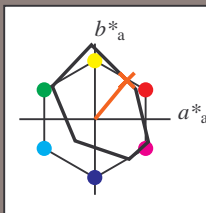
Bunttontexte:

$u^*_d = o25y$   $u^*_e = r37j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 42 51

$LAB^*LCH^*_{Ma}$ : 47 66 50

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

$lab^*rgb^*_{Ma}$ : 1.0 0.37 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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

$LAB^*LAB^*_a$

$i^* = 1.00$

Brillantheit  $i^*$

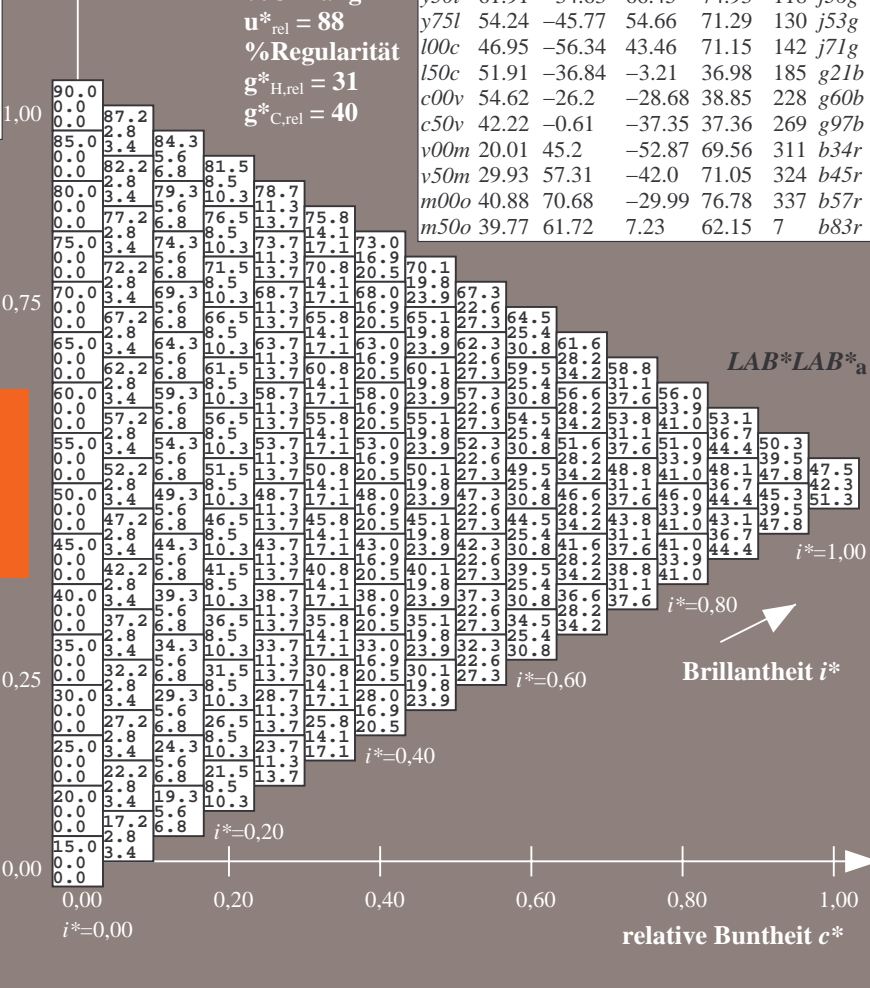
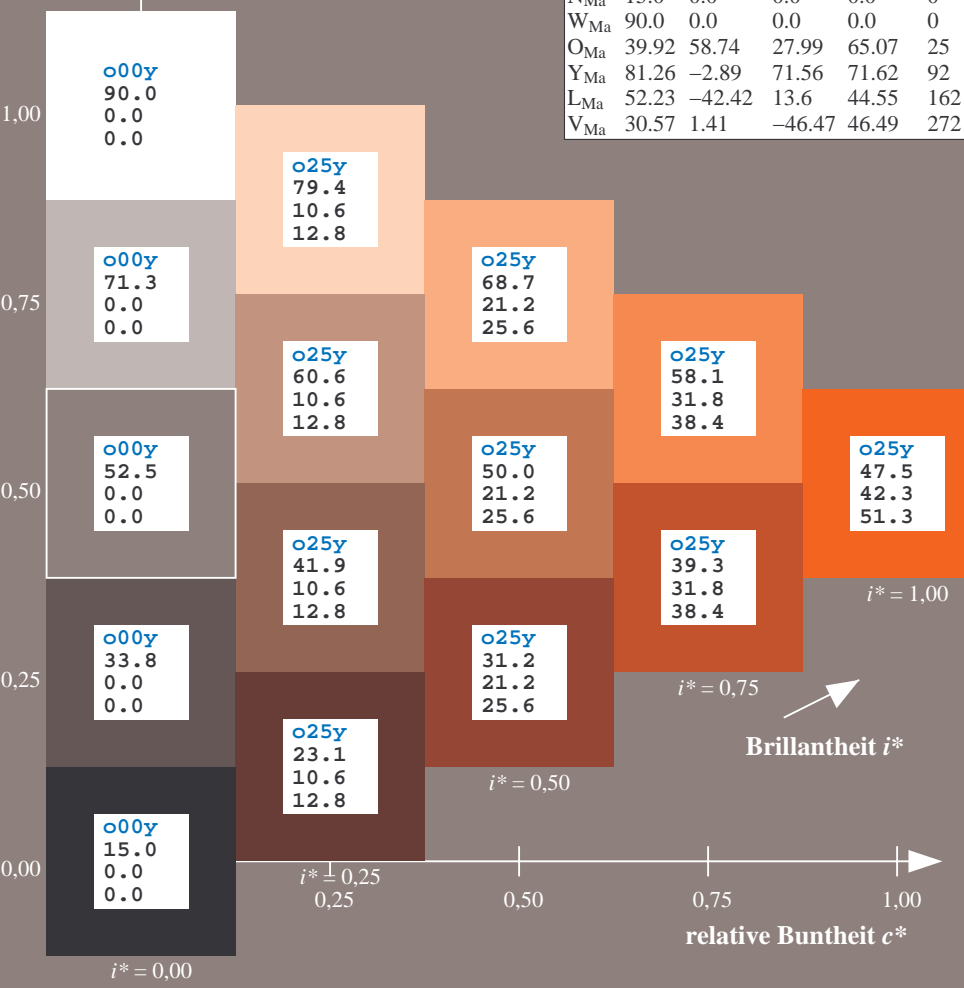
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$

Daten für jede Farbe:

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

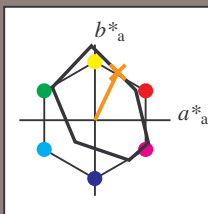
Bunttontexte:

$u^*_d = o50y$   $u^*_e = r58j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 57 30 63

$LAB^*LCH^*_{Ma}$ : 57 70 64

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

$lab^*rgb^*_{Ma}$ : 1.0 0.58 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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

$i^*=1.00$

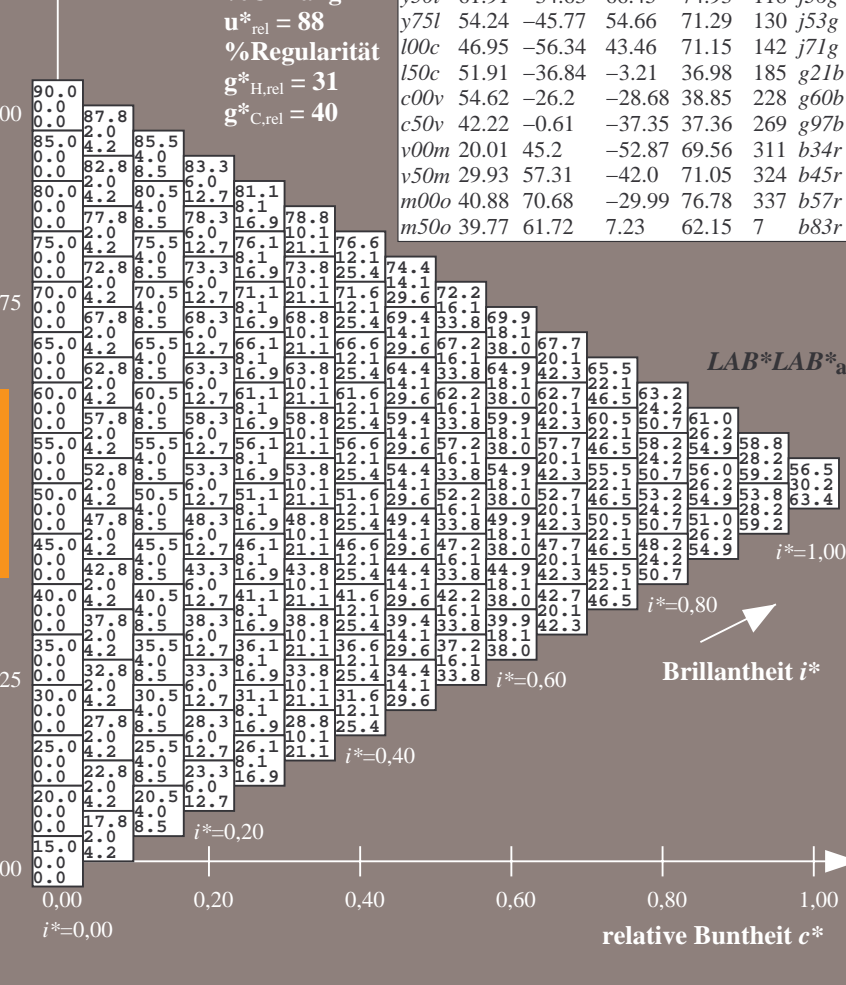
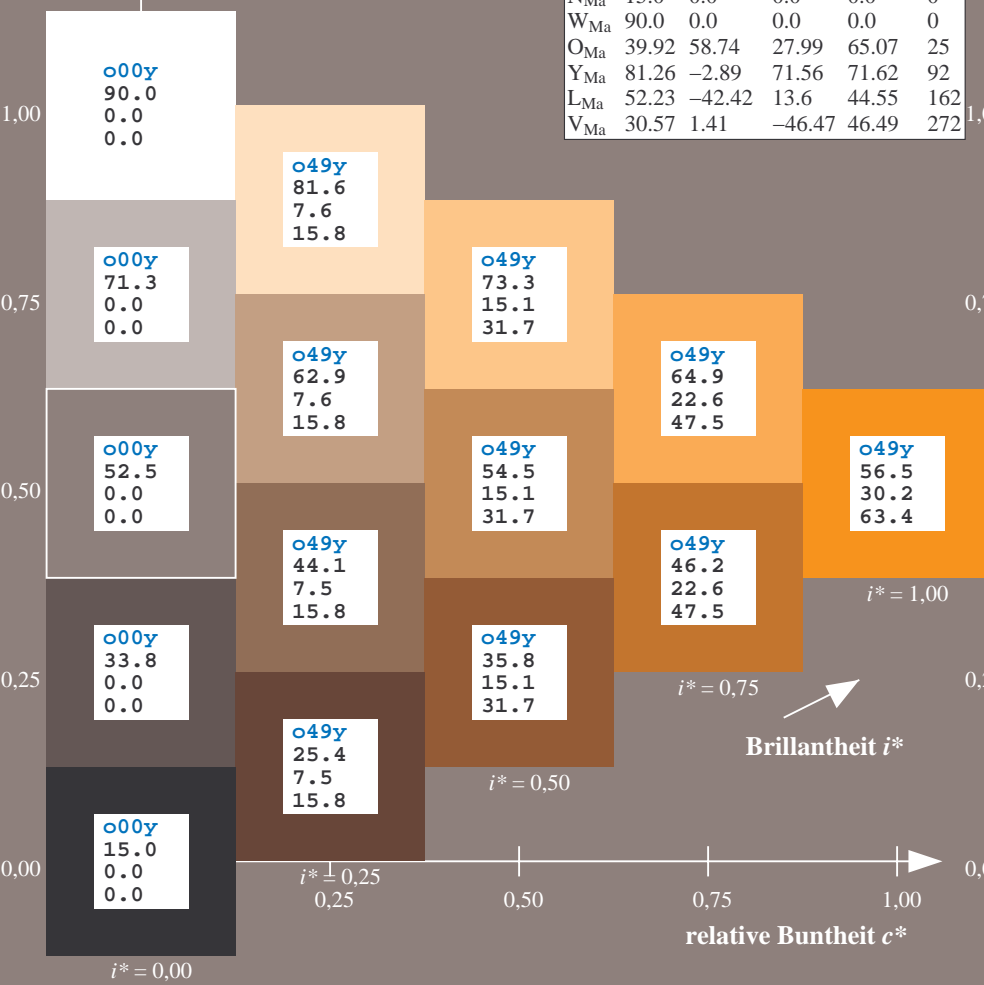
Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$

Daten für jede Farbe:

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

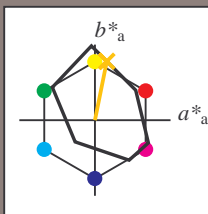
Bunttontexte:

$u^*_d = o75y$   $u^*_e = r79j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 16 78

$LAB^*LCH^*_{Ma}$ : 67 79 78

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = o75y$   
 $LAB^*LAB^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

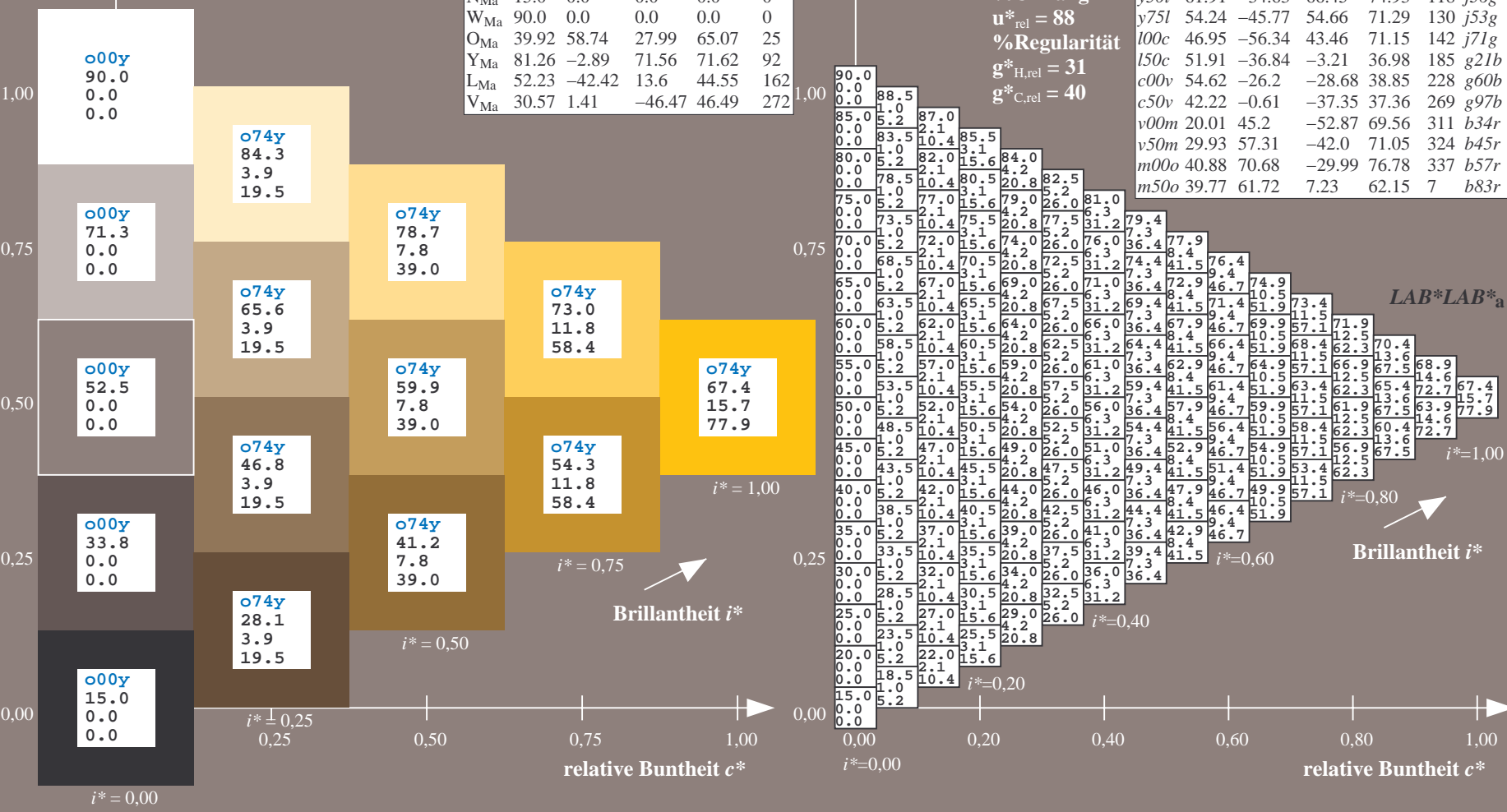
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$

Daten für jede Farbe:

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

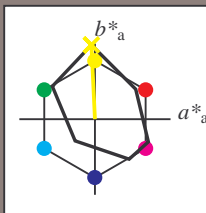
Bunttontexte:

$u^*_d = y00l$   $u^*_e = j01g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -5 98

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

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

$lab^*rgb^*_{Ma}$ : 0.99 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = y00l$   
 $LAB^*LAB^*_{Ma}$

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

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.292$

Daten für jede Farbe:

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

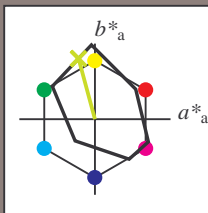
Bunttontexte:

$u^*_d = y25l$   $u^*_e = j18g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 71 -22 80

$LAB^*LCH^*_{Ma}$ : 71 83 105

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

$lab^*rgb^*_{Ma}$ : 0.82 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

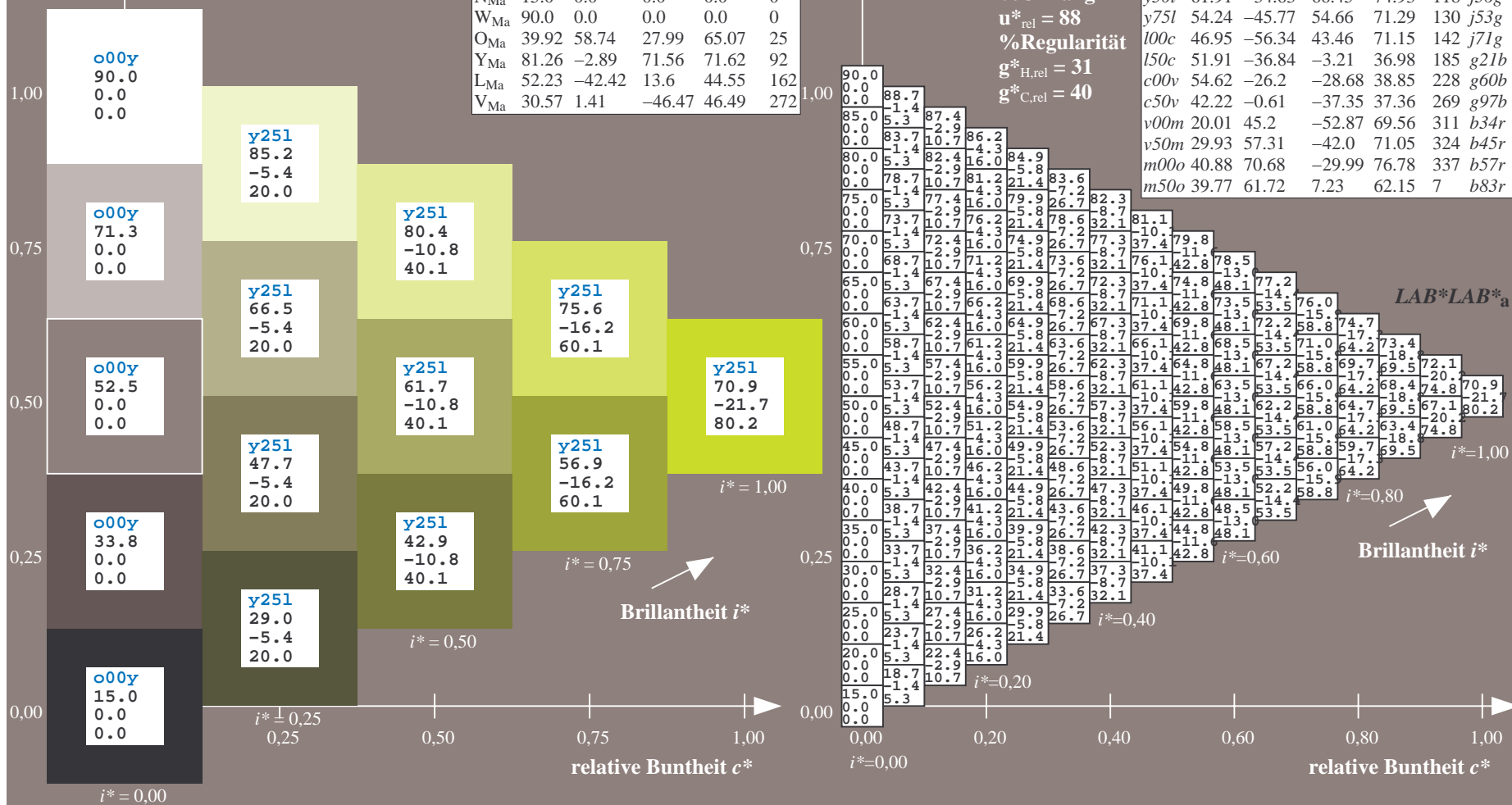
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.326$

Daten für jede Farbe:

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

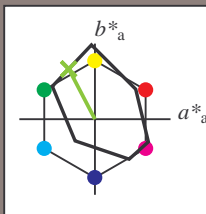
Bunttontexte:

$u^*_d = y50l$   $u^*_e = j36g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 62 -35 66

$LAB^*LCH^*_{Ma}$ : 62 75 117

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

$lab^*rgb^*_{Ma}$ : 0.64 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = y50l$   
 $LAB^*LAB^*_{Ma}$

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

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.361$

Daten für jede Farbe:

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

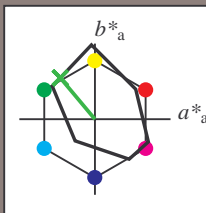
Bunttontexte:

$u^*_d = y75l$   $u^*_e = j53g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -46 55

$LAB^*LCH^*_{Ma}$ : 54 71 129

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

$lab^*rgb^*_{Ma}$ : 0.46 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = y75l$   
 $LAB^*LAB^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.395$

Daten für jede Farbe:

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

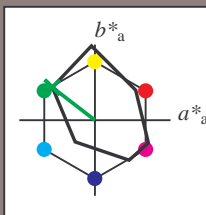
Bunttontexte:

$u^*_d = 100c$   $u^*_e = j71g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -56 43

$LAB^*LCH^*_{Ma}$ : 47 71 142

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

$lab^*rgb^*_{Ma}$ : 0.28 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = 100c$   
 $LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.514$

Daten für jede Farbe:

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

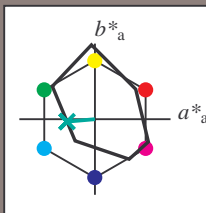
Bunttontexte:

$u^*_d = 150c$   $u^*_e = g21b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -37 -3

$LAB^*LCH^*_{Ma}$ : 52 37 184

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

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.42

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = 150c$   
 $LAB^*LAB^*_{Ma}$

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

$i^* = 1.00$

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  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.632$

Daten für jede Farbe:

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

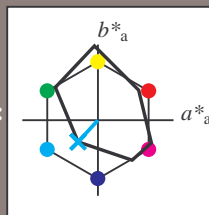
Bunttontexte:

$u^*_d = c00v$   $u^*_e = g60b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 55 -26 -29

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 55 39 227

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

$\text{lab}^*\text{rgb}^*_{Ma}$ : 0.0 0.81 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

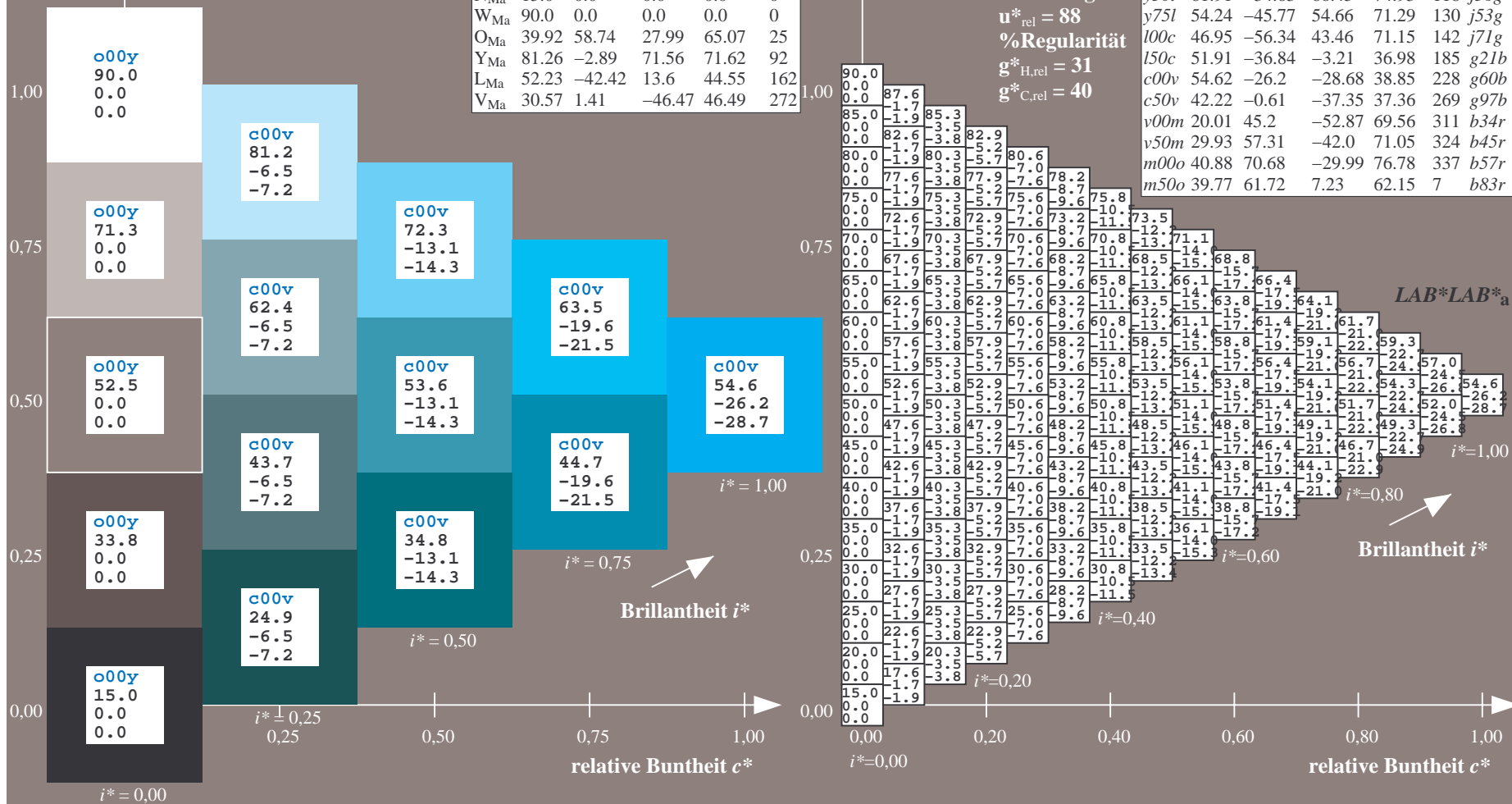
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = c00v$   
 $\text{LAB}^*\text{LAB}^*_a$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$

Daten für jede Farbe:

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

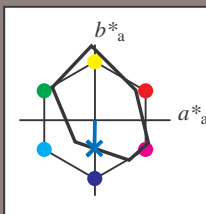
Bunttontexte:

$u^*_d = c50v$   $u^*_e = g97b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 -1 -37

$LAB^*LCH^*_{Ma}$ : 42 37 269

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

$lab^*rgb^*_{Ma}$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

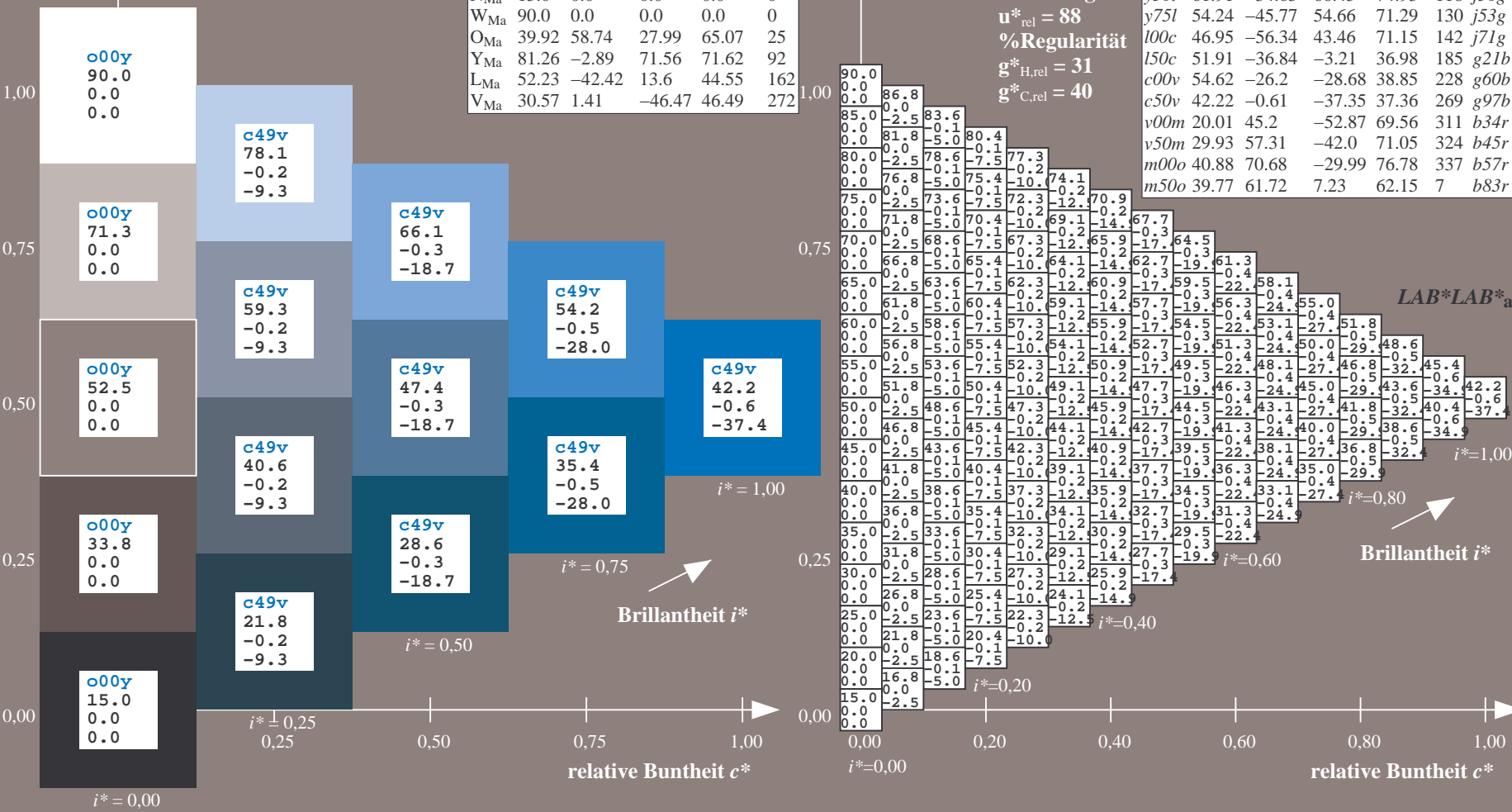
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = c50v$   
 $LAB^*LAB^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.863$

Daten für jede Farbe:

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

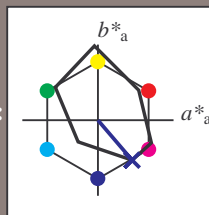
Bunttontexte:

$u^*_d = v00m$   $u^*_e = b34r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 20 45 -53

$LAB^*LCH^*_{Ma}$ : 20 70 310

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

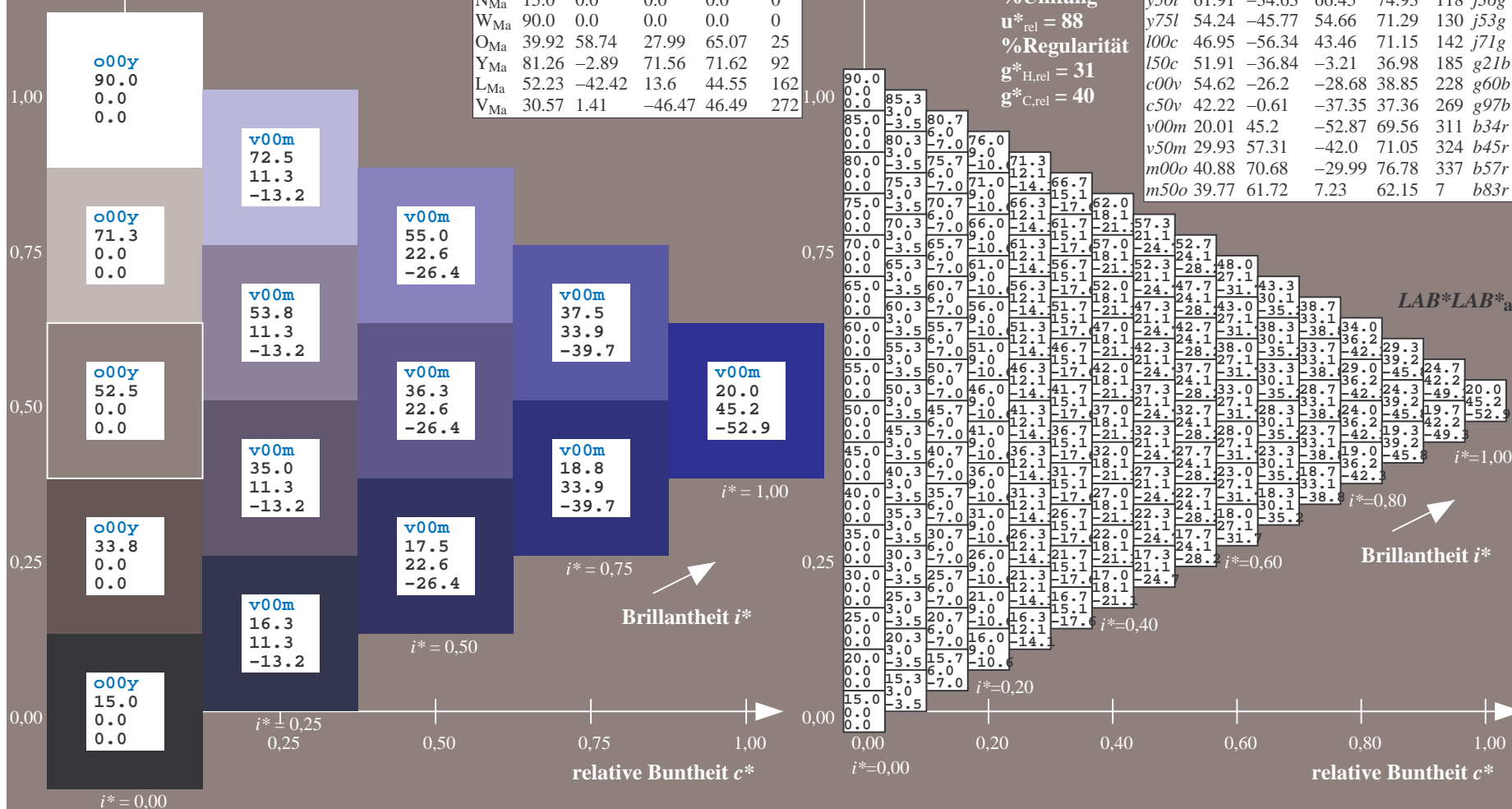
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = v00m$   
 $LAB^*LAB^*_{Ma}$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$

Daten für jede Farbe:

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

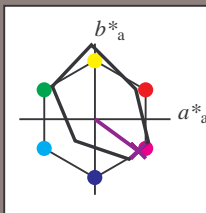
Bunttontexte:

$u^*_d = v50m$   $u^*_e = b45r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 57 -42

$LAB^*LCH^*_{Ma}$ : 30 71 323

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

$lab^*rgb^*_{Ma}$ : 0.91 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

	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36		r16j
o25y	47.46	42.34	51.25	66.48	50		r37j
o50y	56.54	30.2	63.39	70.22	65		r58j
o75y	67.39	15.68	77.9	79.47	79		r79j
y00l	82.58	-4.64	98.22	98.33	93		j01g
y25l	70.85	-21.66	80.19	83.07	105		j18g
y50l	61.91	-34.63	66.45	74.93	118		j36g
y75l	54.24	-45.77	54.66	71.29	130		j53g
l00c	46.95	-56.34	43.46	71.15	142		j71g
l50c	51.91	-36.84	-3.21	36.98	185		g21b
c00v	54.62	-26.2	-28.68	38.85	228		g60b
c50v	42.22	-0.61	-37.35	37.36	269		g97b
v00m	20.01	45.2	-52.87	69.56	311		b34r
v50m	29.93	57.31	-42.0	71.05	324		b45r
m00o	40.88	70.68	-29.99	76.78	337		b57r
m50o	39.77	61.72	7.23	62.15	7		b83r

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



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.936$

Daten für jede Farbe:

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

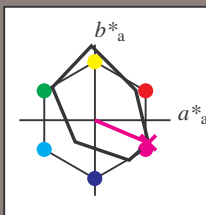
Bunttontexte:

$u^*_d = m00o$   $u^*_e = b57r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 41 71 -30

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 41 77 337

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

$\text{lab}^*\text{rgb}^*_{Ma}$ : 1.0 0.0 0.85

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = m00o$   
 $\text{LAB}^*\text{LAB}^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

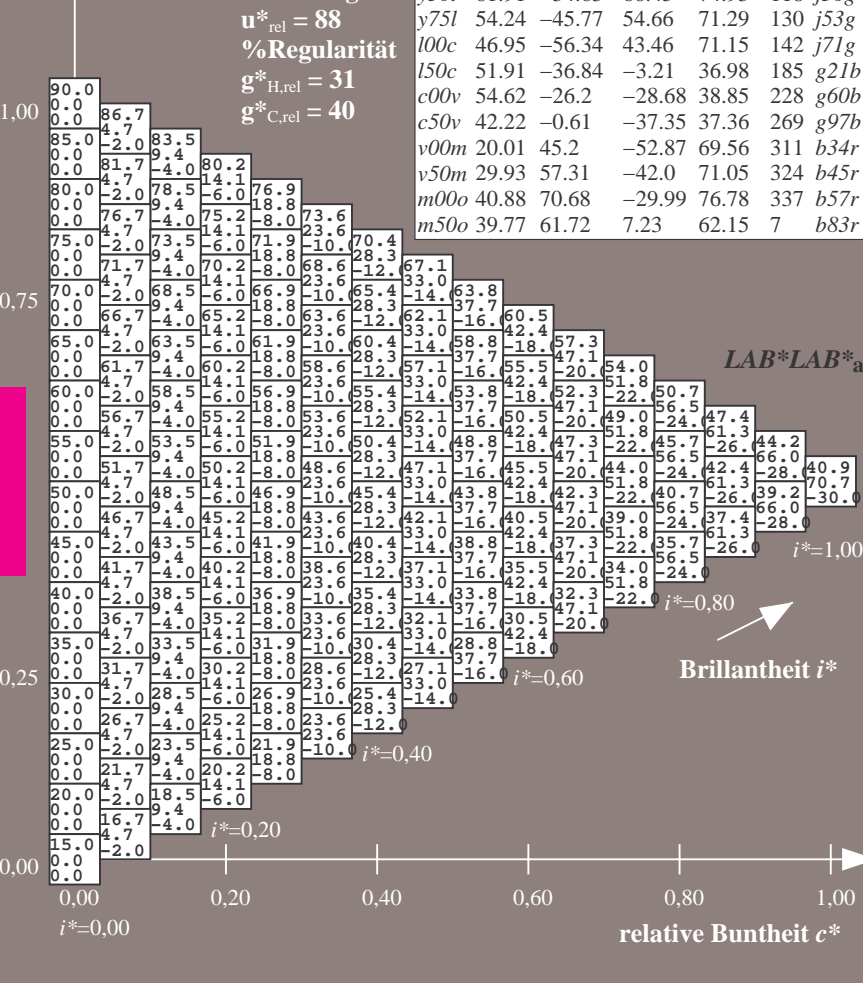
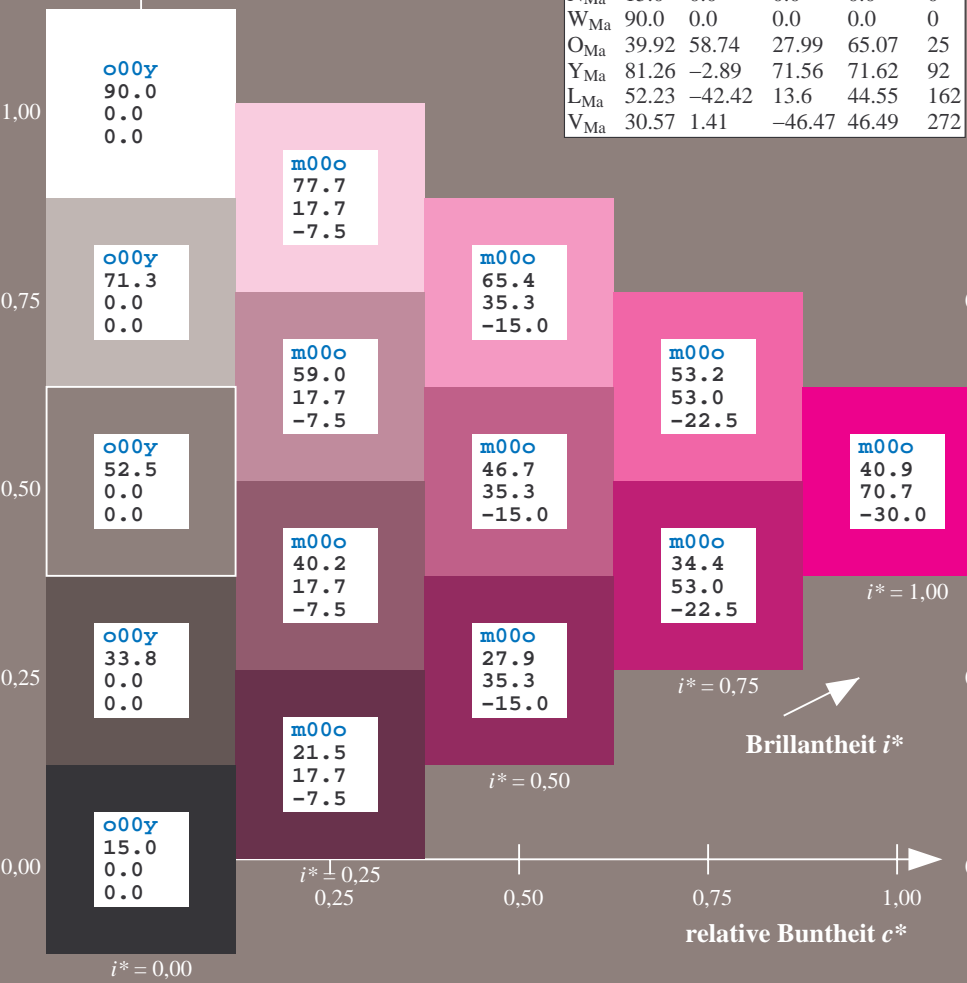
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.019$

Daten für jede Farbe:

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

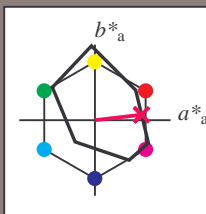
Bunttontexte:

$u^*_d = m50o$   $u^*_e = b83r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 62 7

$LAB^*LCH^*_{Ma}$ : 40 62 6

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.33

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = m50o$   
 $LAB^*LAB^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

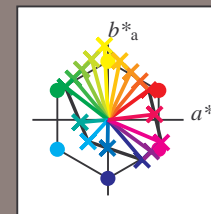
Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg63/>; [www.ps.bam.de/Eg63/](http://www.ps.bam.de/Eg63/); [www.ps.bam.de/Eg63/](http://www.ps.bam.de/Eg63/)  
Technische Information: <http://www.ps.bam.de/Version 2.1, io=1,1, Col5px=0>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*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
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	
03	16.3	21.8	26.9	32.0	37.1	42.2	47.3	52.4	57.5	62.6	67.7	72.8	77.9	83.0	88.1	93.2	98.3	103.4	108.5	113.6	118.7	123.8	128.9	134.0	139.1	144.2	149.3	154.4	159.5	164.6	169.7	174.8	179.9	185.0	190.1	195.2	200.3	
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	
05	17.5	23.4	28.6	33.8	39.0	44.2	49.4	54.6	59.8	65.0	70.2	75.4	80.6	85.8	91.0	96.2	101.4	106.6	111.8	117.0	122.2	127.4	132.6	137.8	143.0	148.2	153.4	158.6	163.8	169.0	174.2	179.4	184.6	189.8	195.0	200.2	205.4	
06	18.1	25.9	30.3	34.7	39.1	43.5	47.9	52.3	56.7	61.1	65.5	69.9	74.3	78.7	83.1	87.5	91.9	96.3	100.7	105.1	109.5	113.9	118.3	122.7	127.1	131.5	135.9	140.3	144.7	149.1	153.5	157.9	162.3	166.7	171.1	175.5	179.9	
07	18.3	26.9	31.8	36.7	41.6	46.5	51.4	56.3	61.2	66.1	71.0	75.9	80.8	85.7	90.6	95.5	100.4	105.3	110.2	115.1	120.0	124.9	129.8	134.7	139.6	144.5	149.4	154.3	159.2	164.1	169.0	173.9	178.8	183.7	188.6	193.5	198.4	
08	18.6	27.9	33.2	38.5	43.8	49.1	54.4	59.7	65.0	70.3	75.6	80.9	86.2	91.5	96.8	102.1	107.4	112.7	118.0	123.3	128.6	133.9	139.2	144.5	149.8	155.1	160.4	165.7	171.0	176.3	181.6	186.9	192.2	197.5	202.8	208.1	213.4	
09	19.4	27.9	33.2	38.5	43.8	49.1	54.4	59.7	65.0	70.3	75.6	80.9	86.2	91.5	96.8	102.1	107.4	112.7	118.0	123.3	128.6	133.9	139.2	144.5	149.8	155.1	160.4	165.7	171.0	176.3	181.6	186.9	192.2	197.5	202.8	208.1	213.4	
10	20.0	28.7	34.0	39.3	44.6	49.9	55.2	60.5	65.8	71.1	76.4	81.7	87.0	92.3	97.6	102.9	108.2	113.5	118.8	124.1	129.4	134.7	140.0	145.3	150.6	155.9	161.2	166.5	171.8	177.1	182.4	187.7	193.0	198.3	203.6	208.9	214.2	
11	20.2	29.0	34.3	39.6	44.9	50.2	55.5	60.8	66.1	71.4	76.7	82.0	87.3	92.6	97.9	103.2	108.5	113.8	119.1	124.4	129.7	135.0	140.3	145.6	150.9	156.2	161.5	166.8	172.1	177.4	182.7	188.0	193.3	198.6	203.9	209.2	214.5	
12	20.4	30.3	35.6	40.9	46.2	51.5	56.8	62.1	67.4	72.7	78.0	83.3	88.6	93.9	99.2	104.5	109.8	115.1	120.4	125.7	131.0	136.3	141.6	146.9	152.2	157.5	162.8	168.1	173.4	178.7	184.0	189.3	194.6	199.9	205.2	210.5	215.8	
13	20.6	30.9	36.2	41.5	46.8	52.1	57.4	62.7	68.0	73.3	78.6	83.9	89.2	94.5	99.8	105.1	110.4	115.7	121.0	126.3	131.6	136.9	142.2	147.5	152.8	158.1	163.4	168.7	174.0	179.3	184.6	189.9	195.2	200.5	205.8	211.1	216.4	
14	21.1	31.4	36.7	42.0	47.3	52.6	57.9	63.2	68.5	73.8	79.1	84.4	89.7	95.0	100.3	105.6	110.9	116.2	121.5	126.8	132.1	137.4	142.7	148.0	153.3	158.6	163.9	169.2	174.5	179.8	185.1	190.4	195.7	201.0	206.3	211.6	216.9	
15	21.3	31.7	37.0	42.3	47.6	52.9	58.2	63.5	68.8	74.1	79.4	84.7	89.9	95.2	100.5	105.8	111.1	116.4	121.7	127.0	132.3	137.6	142.9	148.2	153.5	158.8	164.1	169.4	174.7	179.8	185.1	190.4	195.7	201.0	206.3	211.6	216.9	
16	21.5	32.0	37.3	42.6	47.9	53.2	58.5	63.8	69.1	74.4	79.7	85.0	90.3	95.6	100.9	106.2	111.5	116.8	122.1	127.4	132.7	138.0	143.3	148.6	153.9	159.2	164.5	169.8	175.1	180.4	185.7	191.0	196.3	201.6	206.9	212.2	217.5	
17	21.7	32.3	37.6	42.9	48.2	53.5	58.8	64.1	69.4	74.7	80.0	85.3	90.6	95.9	101.2	106.5	111.8	117.1	122.4	127.7	133.0	138.3	143.6	148.9	154.2	159.5	164.8	170.1	175.4	180.7	186.0	191.3	196.6	201.9	207.2	212.5	217.8	
18	21.9	32.6	37.9	43.2	48.5	53.8	59.1	64.4	69.7	75.0	80.3	85.6	90.9	96.2	101.5	106.8	112.1	117.4	122.7	128.0	133.3	138.6	143.9	149.2	154.5	159.8	165.1	170.4	175.7	181.0	186.3	191.6	196.9	202.2	207.5	212.8	218.1	
19	22.1	32.9	38.2	43.5	48.8	54.1	59.4	64.7	70.0	75.3	80.6	85.9	91.2	96.5	101.8	107.1	112.4	117.7	123.0	128.3	133.6	138.9	144.2	149.5	154.8	160.1	165.4	170.7	176.0	181.3	186.6	191.9	197.2	202.5	207.8	213.1	218.4	
20	22.3	33.2	38.5	43.8	49.1	54.4	59.7	65.0	70.3	75.6	80.9	86.2	91.5	96.8	102.1	107.4	112.7	118.0	123.3	128.6	133.9	139.2	144.5	149.8	155.1	160.4	165.7	171.0	176.3	181.6	186.9	192.2	197.5	202.8	208.1	213.4	218.7	
21	22.5	33.5	38.8	44.1	49.4	54.7	60.0	65.3	70.6	75.9	81.2	86.5	91.8	97.1	102.4	107.7	113.0	118.3	123.6	128.9	134.2	139.5	144.8	150.1	155.4	160.7	166.0	171.3	176.6	181.9	187.2	192.5	197.8	203.1	208.4	213.7	219.0	
22	22.7	33.7	39.0	44.3	49.6	54.9	60.2	65.5	70.8	76.1	81.4	86.7	92.0	97.3	102.6	107.9	113.2	118.5	123.8	129.1	134.4	139.7	145.0	150.3	155.6	160.9	166.2	171.5	176.8	182.1	187.4	192.7	198.0	203.3	208.6	213.9	219.2	
23	22.9	34.0	39.3	44.6	49.9	55.2	60.5	65.8	71.1	76.4	81.7	87.0	92.3	97.6	102.9	108.2	113.5	118.8	124.1	129.4	134.7	140.0	145.3	150.6	155.9	161.2	166.5	171.8	177.1	182.4	187.7	193.0	198.3	203.6	208.9	214.2	219.5	
24	23.1	34.3	39.6	44.9	50.2	55.5	60.8	66.1	71.4	76.7	82.0	87.3	92.6	97.9	103.2	108.5	113.8	119.1	124.4	129.7	135.0	140.3	145.6	150.9	156.2	161.5	166.8	172.1	177.4	182.7	188.0	193.3	198.6	203.9	209.2	214.5	219.8	
25	23.3	34.6	40.0	45.3	50.6	55.9	61.2	66.5	71.8	77.1	82.4	87.7	93.0	98.3	103.6	108.9	114.2	119.5	124.8	130.1	135.4	140.7	146.0	151.3	156.6	161.9	167.2	172.5	177.8	183.1	188.4	193.7	199.0	204.3	209.6	214.9	220.2	
26	23.5	34.9	40.3	45.6	50.9	56.2	61.5	66.8	72.1	77.4	82.7	88.0	93.3	98.6	103.9	109.2	114.5	119.8	125.1	130.4	135.7	141.0	146.3	151.6	156.9	162.2	167.5	172.8	178.1	183.4	188.7	194.0	199.3	204.6	209.9	215.2	220.5	
27	23.7	35.1	40.5	45.8	51.1	56.4	61.7	67.0	72.3	77.6	82.9	88.2	93.5	98.8	104.1	109.4	114.7	120.0	125.3	130.6	135.9	141.2	146.5	151.8	157.1	162.4	167.7	173.0	178.3	183.6	188.9	194.2	199.5	204.8	210.1	215.4	220.7	

BAM-Registrierung: 20081001-Eg63/10L/L63G00NP.PS/.PDF BAM-Material: Code=th4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

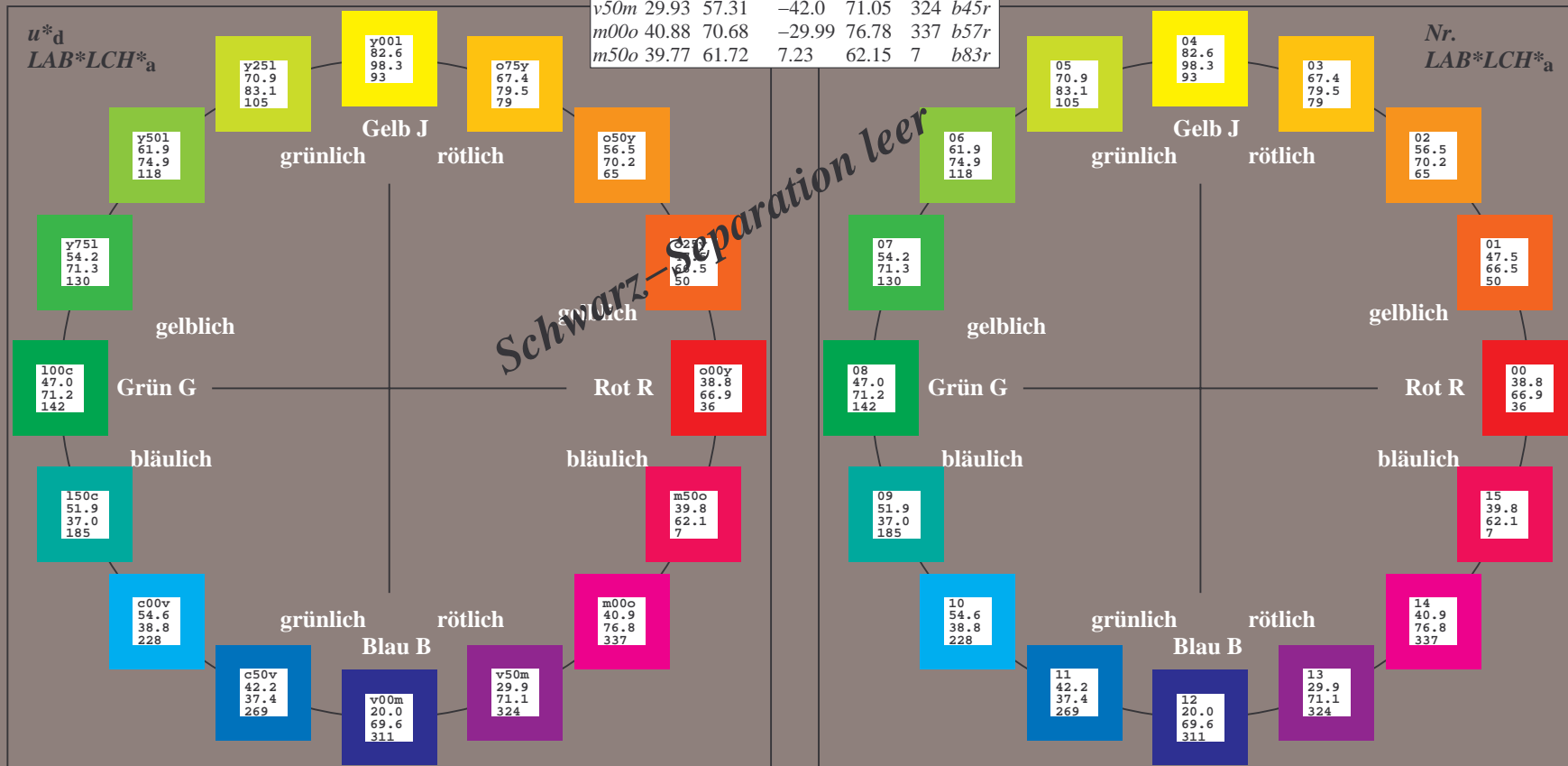
Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%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
$O_{CIE}$	39.92	58.74	27.99	65.07	25
$Y_{CIE}$	81.26	-2.89	71.56	71.62	92
$L_{CIE}$	52.23	-42.42	13.6	44.55	162
$V_{CIE}$	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$

Daten für jede Farbe:

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

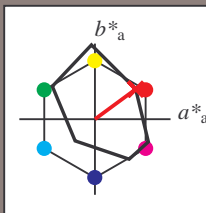
Bunttontexte:

$u^*_d = o00y$   $u^*_e = r16j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 39 54 40

$LAB^*LCH^*Ma$ : 39 67 36

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

$lab^*rgb^*Ma$ : 1.0 0.16 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

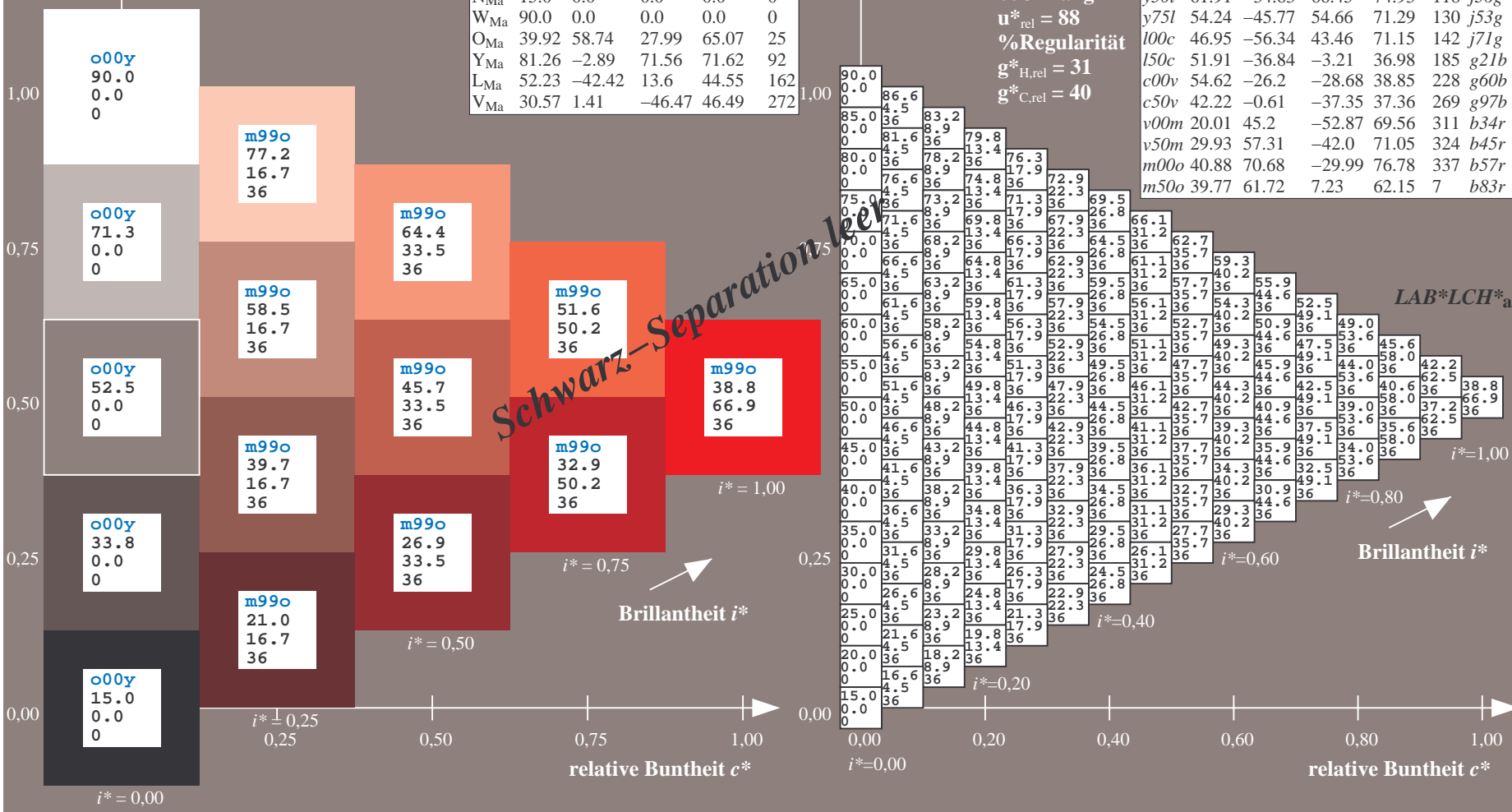
$g^*_{C,rel} = 40$

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>

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

Schwarz-Separation





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

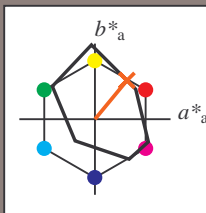
Bunttontexte:

$u^*_d = o25y$   $u^*_e = r37j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 42 51

$LAB^*LCH^*_{Ma}$ : 47 66 50

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

$lab^*rgb^*_{Ma}$ : 1.0 0.37 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = o25y$   
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$

Daten für jede Farbe:

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

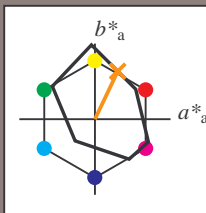
Bunttontexte:

$u^*_d = o50y$   $u^*_e = r58j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 57 30 63

$LAB^*LCH^*_{Ma}$ : 57 70 64

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

$lab^*rgb^*_{Ma}$ : 1.0 0.58 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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

$i^* = 1.00$

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: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$

### Daten für jede Farbe:

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

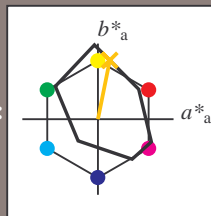
## Bunttexte:

$$u_d^* = 0.75y \quad u_e^* = 0.79j$$

### Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



FRS09_92aM; adaptierte CIELAB-Daten					
$u^*_d$	$L^*-L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

### Daten für Maximalfarbe (Ma):

*LAB\*LAB\**<sub>M</sub>: 67 16 78

LAD\*LGH\* 67 50 58

**LAB\*LCH\*Ma: 67 79 78**

**lab\*olv\*Ma: 1.0 0.75 0.0**

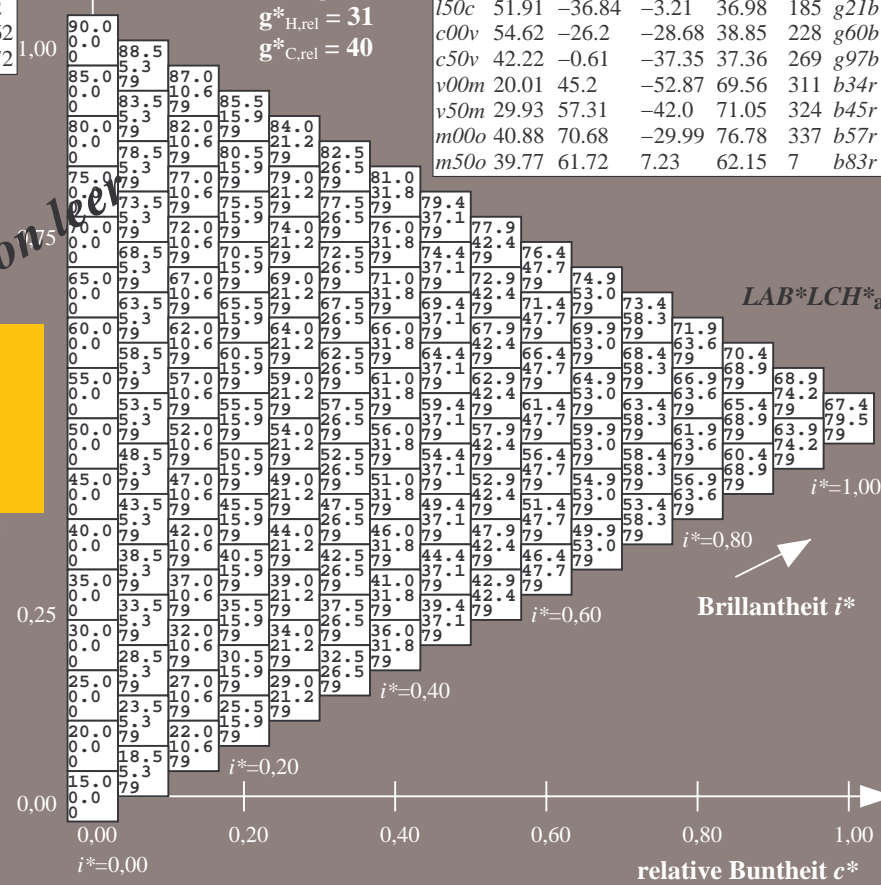
*lab\*rgb\*\_Ma: 1.0 0.8 0.0*

### Dreiecks-Helligkeit $t^*$

## %Umfang

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

%Regular

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


BAM-Prüfvorlage Eg63; Farbmatrik-Systeme, Seite 95/198    Eingabe: 000n / w / nnn0 / www set...  
D65: Farbreihen, Datentabellen für 16 Bunttöne o00y bis m75o Ausgabe: ->cmY0\* setcmykcolor

D65: Farbreihen, Datentabellen für 16 Bunttöne *o00v* bis *m75o*Ausgabe:  $\rightarrow cmv0^* setcmvcolor$

A horizontal bar with six colored segments: cyan (C), magenta (M), yellow (Y), red (O), green (L), and blue (V).

BAM-Registrierung: 20081001-Egg3/10L/L63G00NP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

BAM-Registrierung: 20081001-Egg3/10L/L63G00NP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$

Daten für jede Farbe:

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

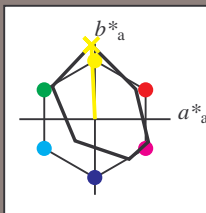
Bunttontexte:

$u^*_d = y00l$   $u^*_e = j01g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -5 98

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

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

$lab^*rgb^*_{Ma}$ : 0.99 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = y00l$   
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Bunttheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.292$

Daten für jede Farbe:

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

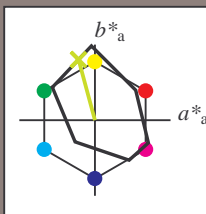
Bunttontexte:

$u^*_d = y25l$   $u^*_e = j18g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 71 -22 80

$LAB^*LCH^*Ma$ : 71 83 105

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

$lab^*rgb^*Ma$ : 0.82 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

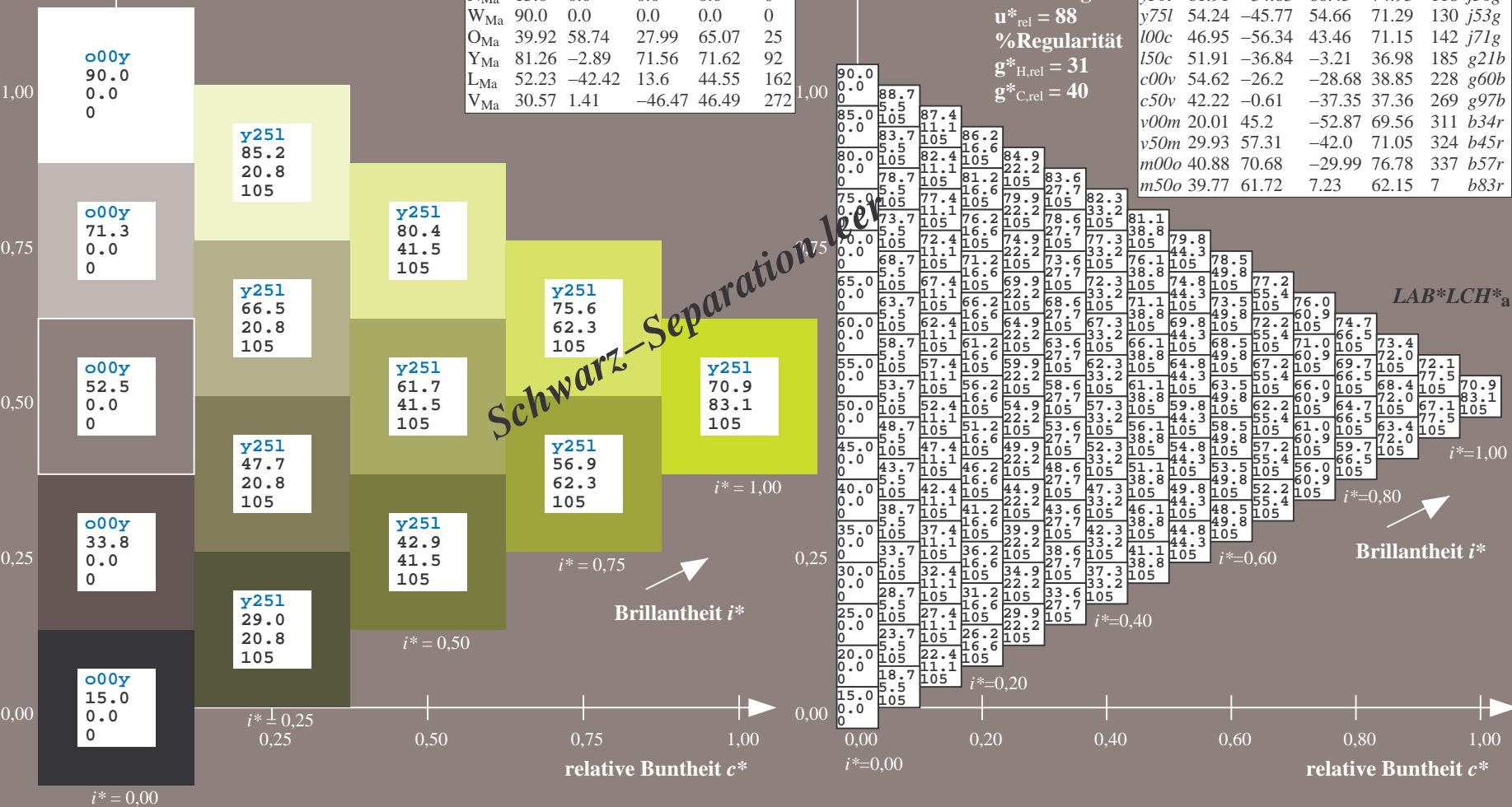
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.326$

Daten für jede Farbe:

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

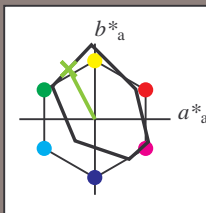
Bunttontexte:

$u^*_d = y50l$   $u^*_e = j36g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 62 -35 66

$LAB^*LCH^*_{Ma}$ : 62 75 117

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

$lab^*rgb^*_{Ma}$ : 0.64 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = y50l$   
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.361$

Daten für jede Farbe:

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

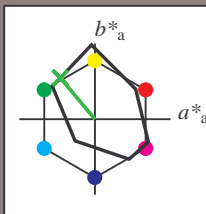
Bunttontexte:

$u^*_d = y75l$   $u^*_e = j53g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -46 55

$LAB^*LCH^*_{Ma}$ : 54 71 129

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

$lab^*rgb^*_{Ma}$ : 0.46 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = y75l$   
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.395$

Daten für jede Farbe:

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

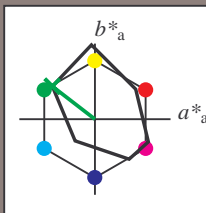
Bunttontexte:

$u^*_d = 100c$   $u^*_e = j71g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -56 43

$LAB^*LCH^*_{Ma}$ : 47 71 142

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

$lab^*rgb^*_{Ma}$ : 0.28 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

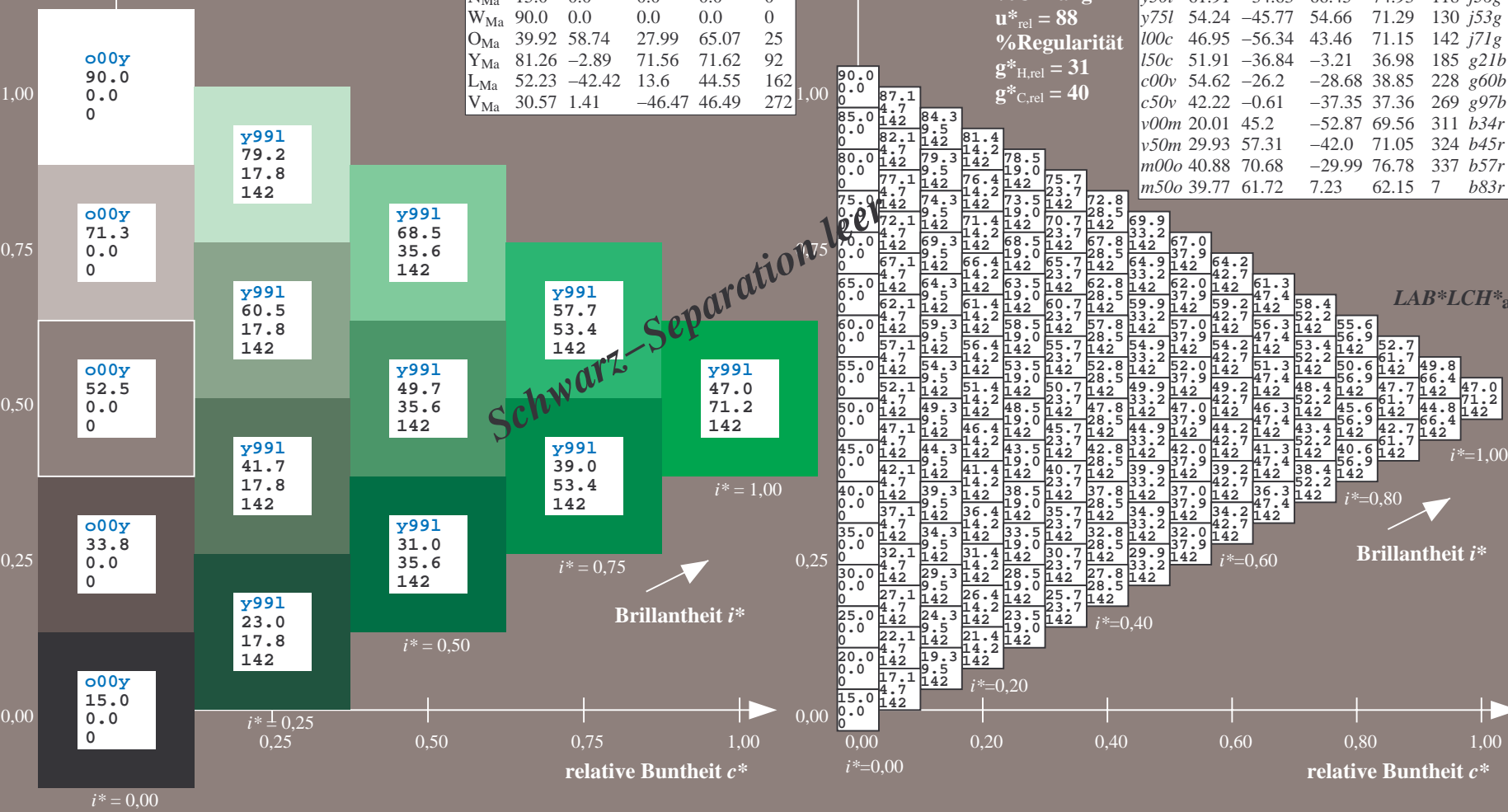
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = 100c$   
 $LAB^*LCH^*_{Ma}$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.514$

Daten für jede Farbe:

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

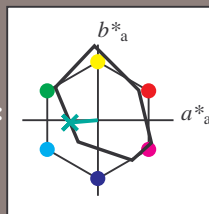
Bunttontexte:

$u^*_d = 150c$   $u^*_e = g21b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -37 -3

$LAB^*LCH^*_{Ma}$ : 52 37 184

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

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.42

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

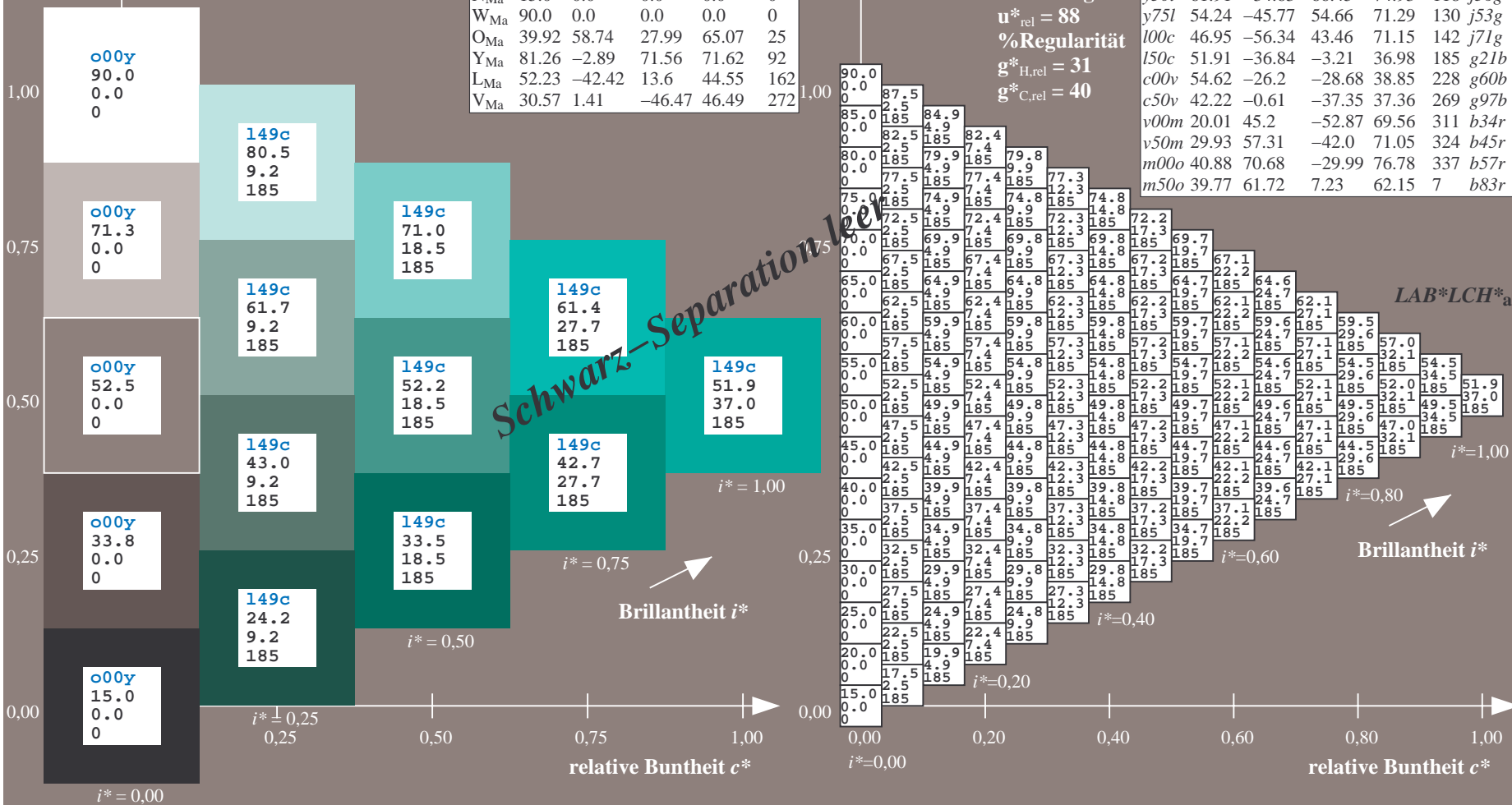
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = 150c$   
 $LAB^*LCH^*_{Ma}$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$

Daten für jede Farbe:

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

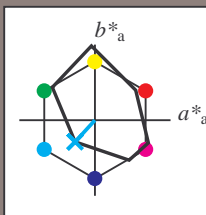
Bunttontexte:

$u^*_d = c00v$   $u^*_e = g60b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 55 -26 -29

$LAB^*LCH^*_{Ma}$ : 55 39 227

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

$lab^*rgb^*_{Ma}$ : 0.0 0.81 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = c00v$   
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$

Daten für jede Farbe:

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

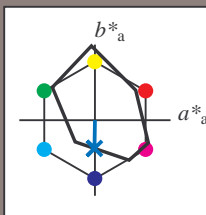
Bunttontexte:

$u^*_d = c50v$   $u^*_e = g97b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 -1 -37

$LAB^*LCH^*_{Ma}$ : 42 37 269

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

$lab^*rgb^*_{Ma}$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.863$

Daten für jede Farbe:

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

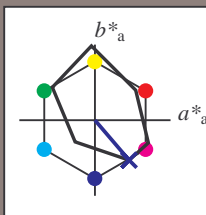
Bunttontexte:

$u^*_d = v00m$   $u^*_e = b34r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 20 45 -53

$LAB^*LCH^*_{Ma}$ : 20 70 310

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

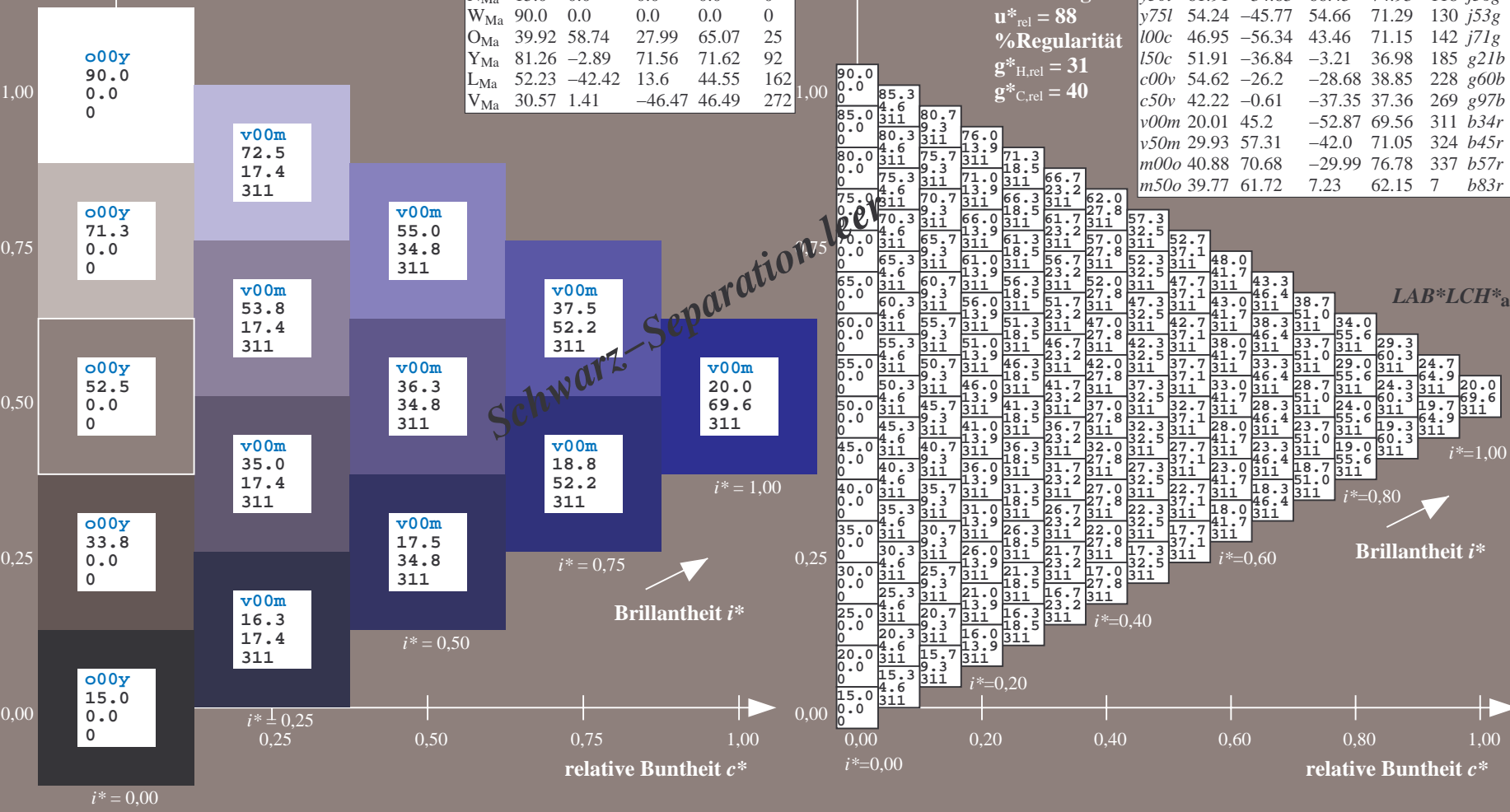
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = v00m$   
 $LAB^*LCH^*_{Ma}$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.899$

Daten für jede Farbe:

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

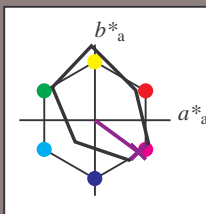
Bunttontexte:

$u^*_d = v50m$   $u^*_e = b45r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 30 57 -42

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 30 71 323

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

$\text{lab}^*\text{rgb}^*_{Ma}$ : 0.91 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

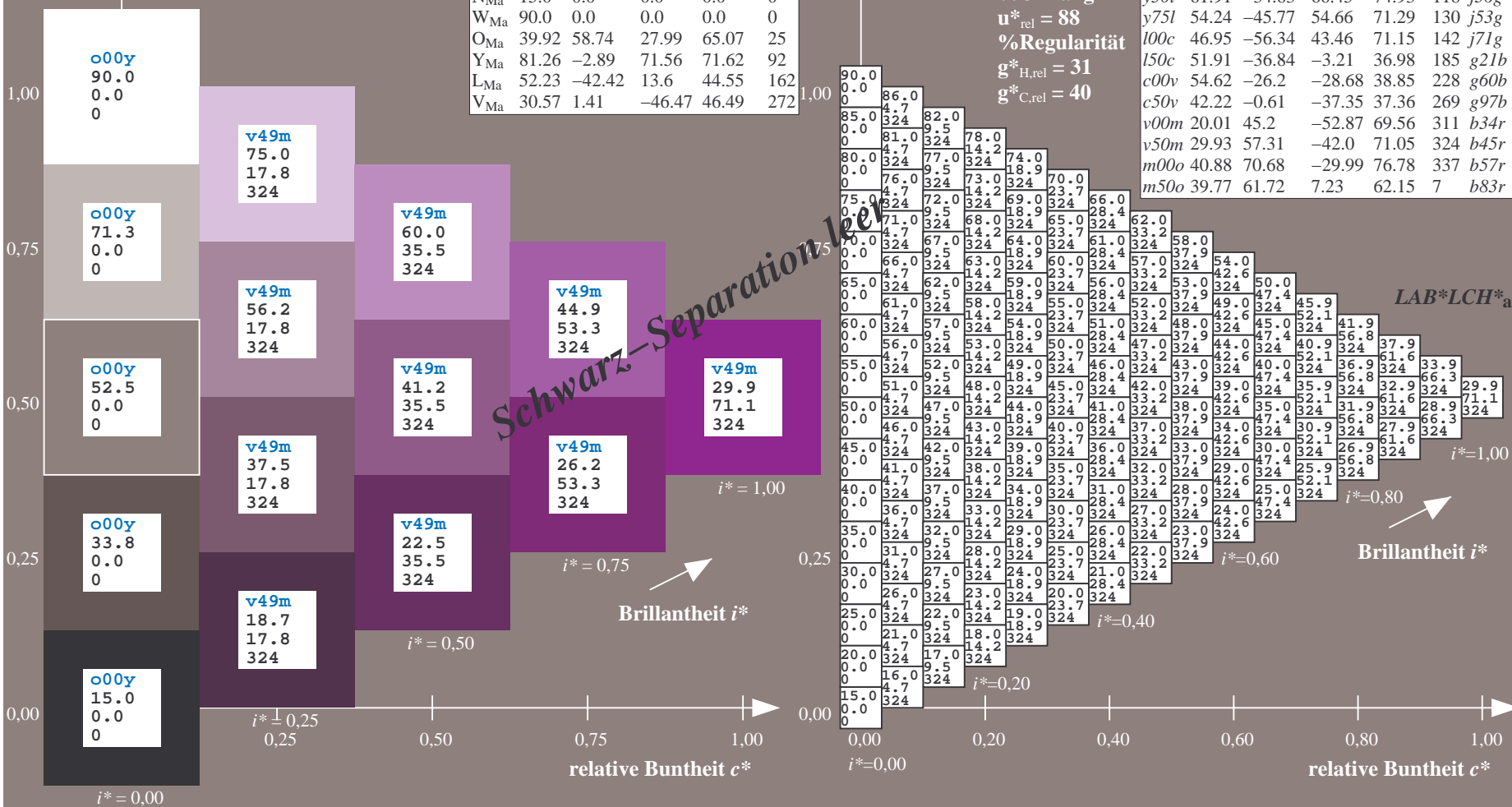
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = v50m$   
 $\text{LAB}^*\text{LCH}^*_{Ma}$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.936$

Daten für jede Farbe:

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

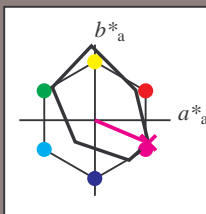
Bunttontexte:

$u^*_d = m00o$   $u^*_e = b57r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 71 -30

$LAB^*LCH^*_{Ma}$ : 41 77 337

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.85

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

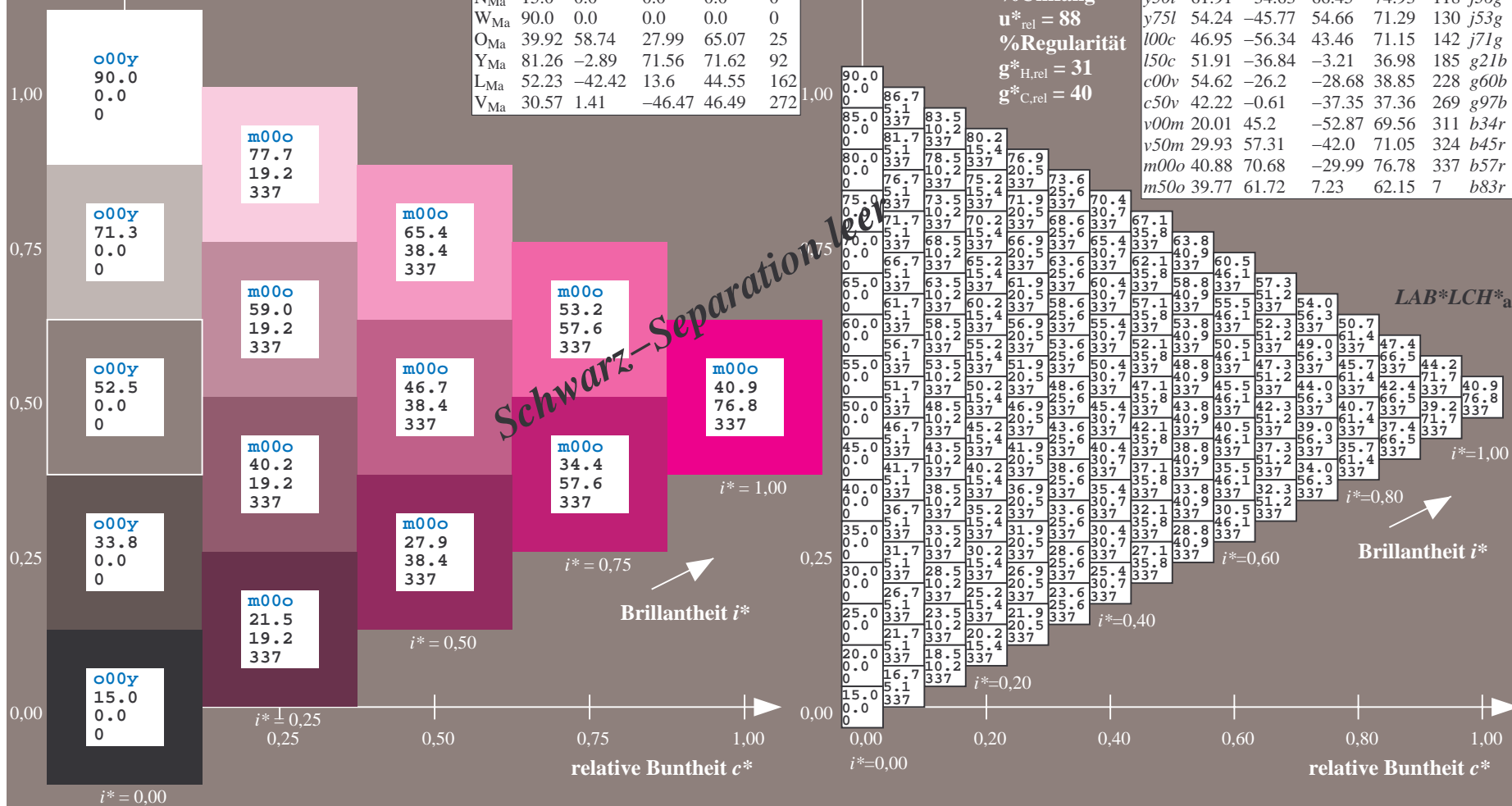
$g^*_{H,rel} = 31$

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = m00o$   
 $LAB^*LCH^*_{Ma}$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.019$

Daten für jede Farbe:

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

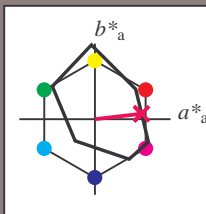
Bunttontexte:

$u^*_d = m50o$   $u^*_e = b83r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 62 7

$LAB^*LCH^*_{Ma}$ : 40 62 6

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.33

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$u^*_d = m50o$   
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

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  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg63/>; [www.ps.bam.de/Eg63/10L/L63G00NP.PS/.PDF](http://www.ps.bam.de/Eg63/10L/L63G00NP.PS/.PDF) BAM-Material: Code=th4ta  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1.1, ColSp=0

BAM-Registrierung: 20081001-Eg63/10L/L63G00NP.PS/.PDF 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	3723.0	372

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

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

Geräte-Bunttontext:

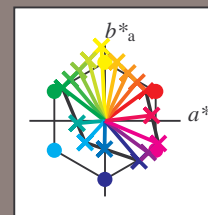
$u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%Umfang

$u^*_{rel} = 88$

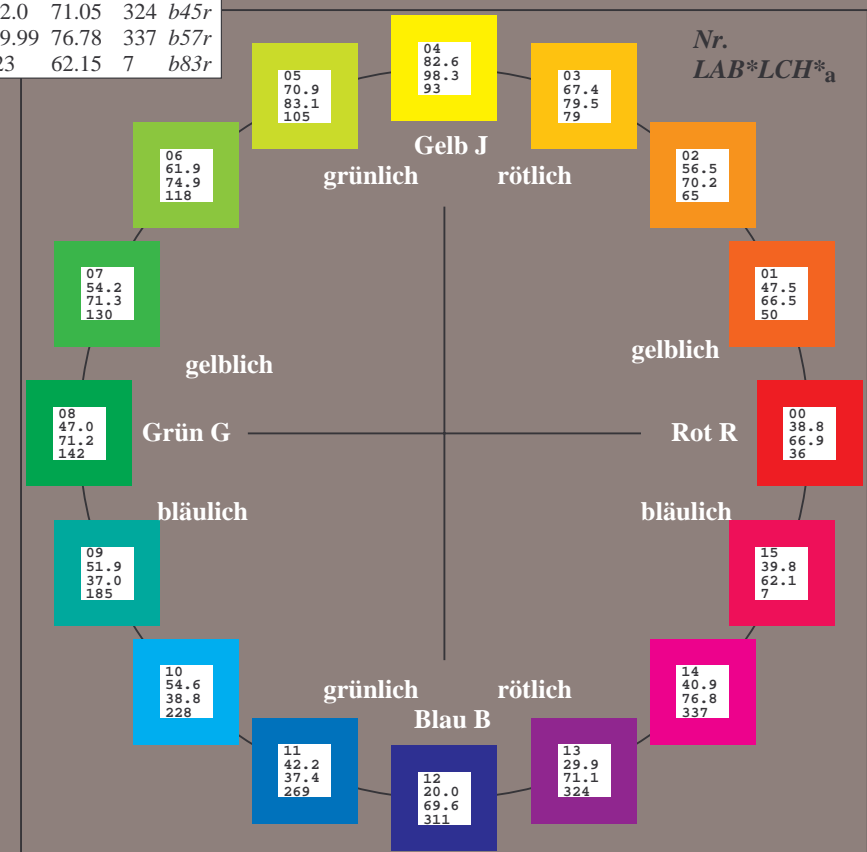
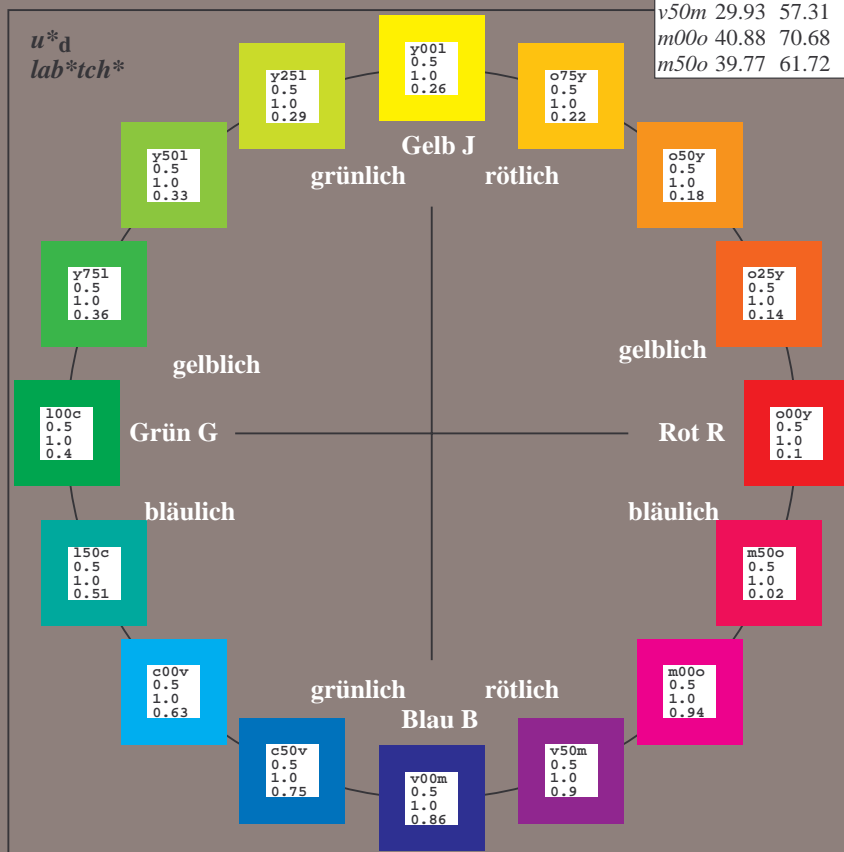
%Regularität

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

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

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
$O_{CIE}$	39.92	58.74	27.99	65.07	25
$Y_{CIE}$	81.26	-2.89	71.56	71.62	92
$L_{CIE}$	52.23	-42.42	13.6	44.55	162
$V_{CIE}$	30.57	1.41	-46.47	46.49	272





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$

Daten für jede Farbe:

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

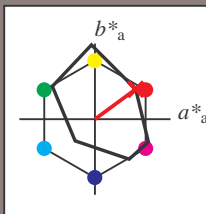
Bunttontexte:

$u^*_d = o00y$   $u^*_e = r16j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 54 40

$LAB^*LCH^*_{Ma}$ : 39 67 36

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

$lab^*rgb^*_{Ma}$ : 1.0 0.16 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$

$lab^*tch^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

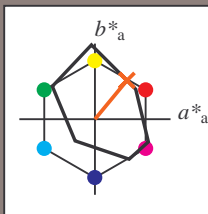
Bunttontexte:

$u^*_d = o25y$   $u^*_e = r37j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 42 51

$LAB^*LCH^*_{Ma}$ : 47 66 50

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

$lab^*rgb^*_{Ma}$ : 1.0 0.37 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.179$

Daten für jede Farbe:

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

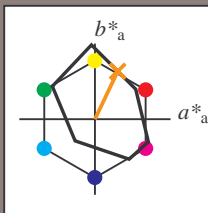
Bunttontexte:

$u^*_d = o50y$   $u^*_e = r58j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 57 30 63

$LAB^*LCH^*_{Ma}$ : 57 70 64

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

$lab^*rgb^*_{Ma}$ : 1.0 0.58 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.218$

Daten für jede Farbe:

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

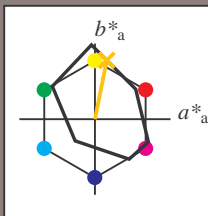
Bunttontexte:

$u^*_d = 0.75y$   $u^*_e = r79j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 16 78

$LAB^*LCH^*_{Ma}$ : 67 79 78

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^* = 1.00$

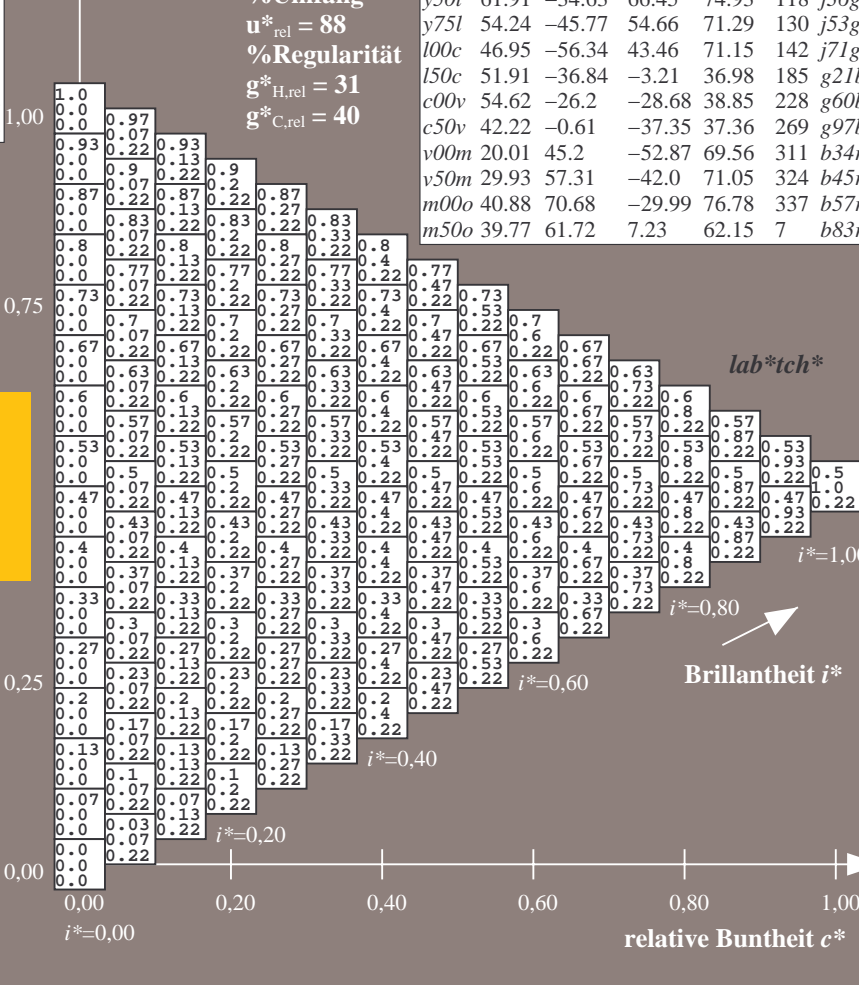
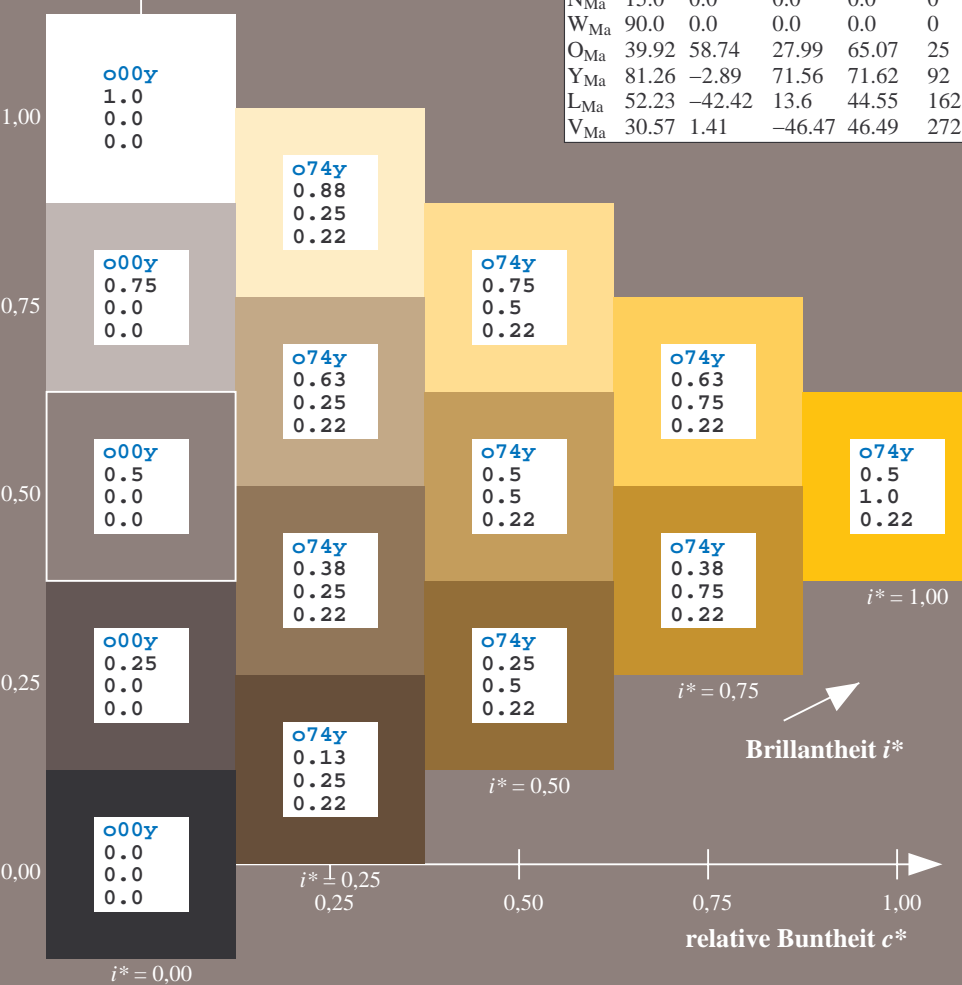
Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$





Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$

### Daten für jede Farbe:

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

### Bunttexte:

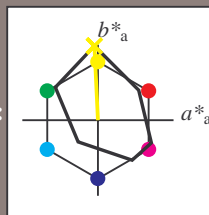
$$u_d^* = y00l \quad u_e^* = j01g$$

**Kontrastreduzierungsfaktor:**

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$

**Diagnosis:** Malignant



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

### Daten für Maximalfarbe (Ma):

LAB\*LAB\*Mo: 83 -5 98

LAD\*LCII\* 83 83 83

**LAB\*LCH\*Ma: 83 98 9**

*lab\*olv\*\_Ma: 1.0 1.0 0.0*

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

Dreiecks-Helligkeit  $t^*$ 

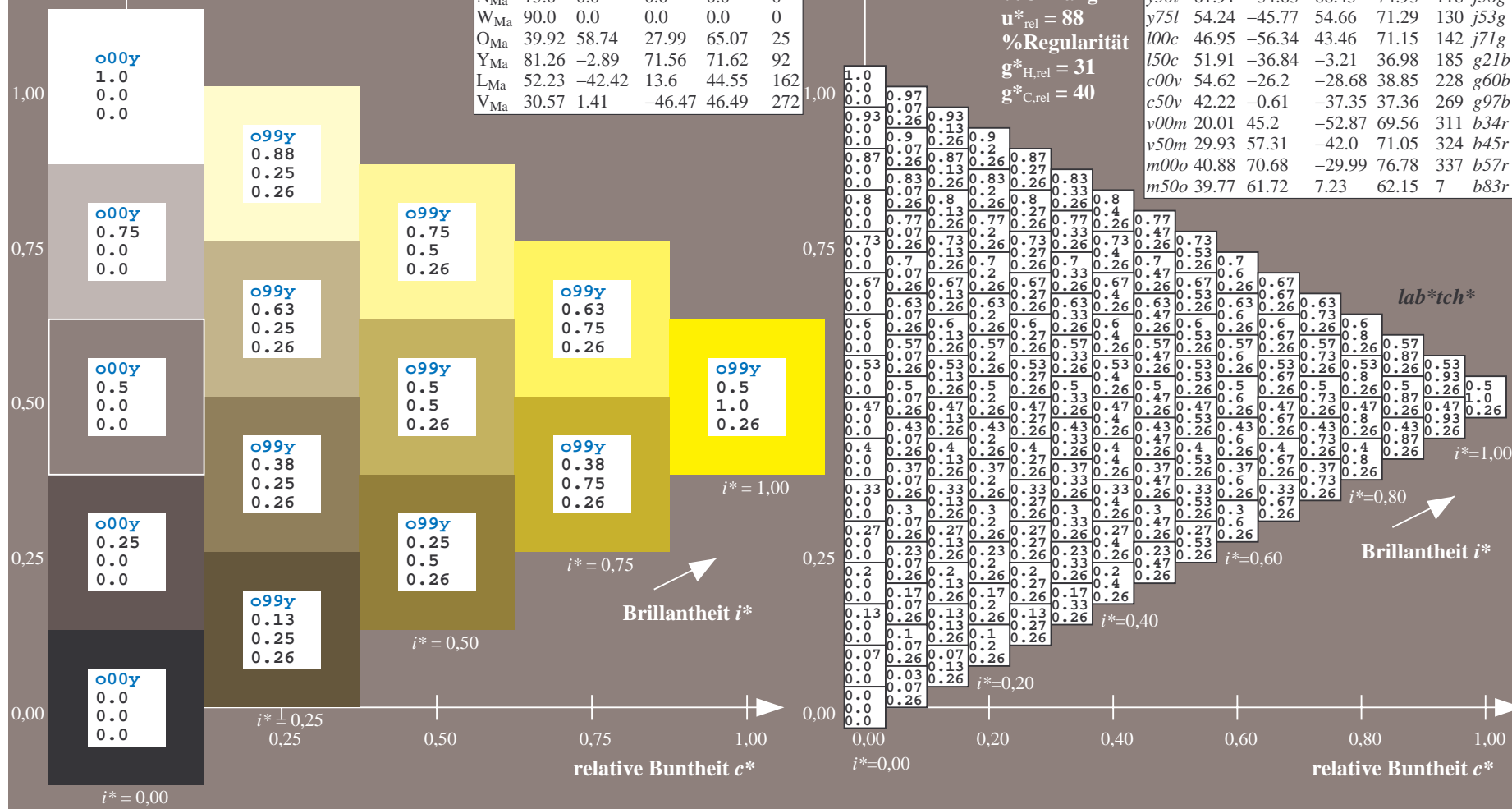
**%Umfang**

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

**%Regular**

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

FRS09_92aM; adaptierte CIELAB-Daten							
$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_e^*$	
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>	
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>	
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>	
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>	
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>	
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>	
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>	
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>	
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>	
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>	
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>	
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>	
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>	
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>	
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>	
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>	



BAM-Prüfvorlage Eg63; Farbmatrik-Systeme, Seite 114/198 Eingabe: 000n / w / nnn0 / www set...  
D65: Farbreihen, Datentabellen für 16 Bunttöne o00y bis m75o Ausgabe: ->cmy0\* setcmykcolor

BAM-Registrierung: 20081001-Eg63/10L/L63G00NP.PS/.PDF BAM-Material: Code=rh4ta4  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.barn.de/Eg63/>; [www.ps.barn.de/Eg.HTM](http://www.ps.barn.de/Eg.HTM)  
Technische Information: <http://www.ps.barn.de> Version 2.1, io=1,1, ColSp=0

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.292$

Daten für jede Farbe:

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

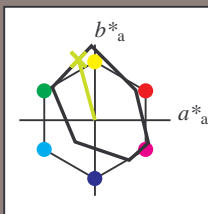
Bunttontexte:

$u^*_d = y25l$   $u^*_e = j18g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 71 -22 80

$LAB^*LCH^*_{Ma}$ : 71 83 105

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

$lab^*rgb^*_{Ma}$ : 0.82 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

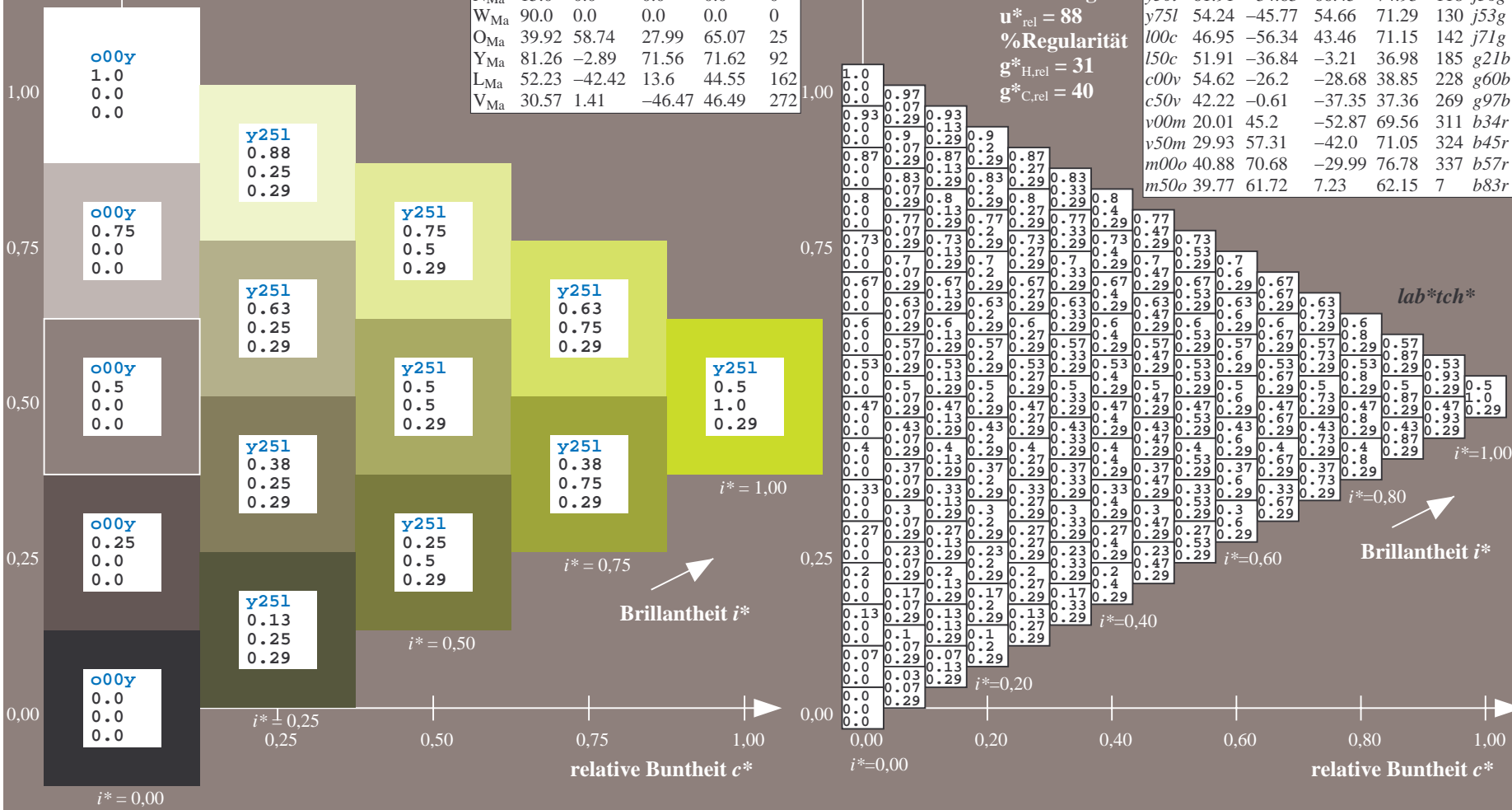
%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.326$

Daten für jede Farbe:

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

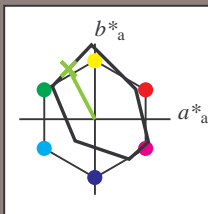
Bunttontexte:

$u^*_d = y50l$   $u^*_e = j36g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 62 -35 66

$LAB^*LCH^*_{Ma}$ : 62 75 117

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

$lab^*rgb^*_{Ma}$ : 0.64 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.361$

Daten für jede Farbe:

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

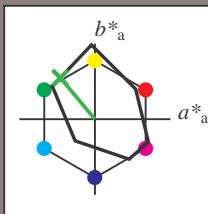
Bunttontexte:

$u^*_d = y75l$   $u^*_e = j53g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -46 55

$LAB^*LCH^*_{Ma}$ : 54 71 129

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

$lab^*rgb^*_{Ma}$ : 0.46 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.395$

Daten für jede Farbe:

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

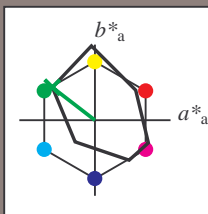
Bunttontexte:

$u^*_d = 100c$   $u^*_e = j71g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -56 43

$LAB^*LCH^*_{Ma}$ : 47 71 142

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

$lab^*rgb^*_{Ma}$ : 0.28 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.514$

Daten für jede Farbe:

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

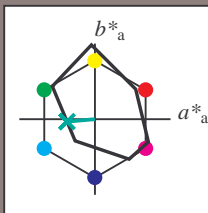
Bunttontexte:

$u^*_d = l50c$   $u^*_e = g21b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -37 -3

$LAB^*LCH^*_{Ma}$ : 52 37 184

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

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.42

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.632$

Daten für jede Farbe:

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

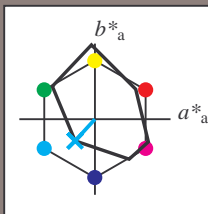
Bunttontexte:

$u^*_d = c00v$   $u^*_e = g60b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 55 -26 -29

$LAB^*LCH^*_{Ma}$ : 55 39 227

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

$lab^*rgb^*_{Ma}$ : 0.0 0.81 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.747$

Daten für jede Farbe:

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

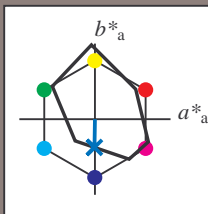
Bunttontexte:

$u^*_d = c50v$   $u^*_e = g97b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 -1 -37

$LAB^*LCH^*_{Ma}$ : 42 37 269

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

$lab^*rgb^*_{Ma}$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.863$

Daten für jede Farbe:

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

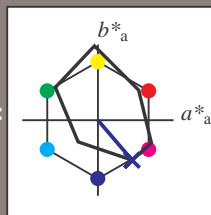
Bunttontexte:

$u^*_d = v00m$   $u^*_e = b34r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 20 45 -53

$LAB^*LCH^*_{Ma}$ : 20 70 310

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

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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.899$

Daten für jede Farbe:

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

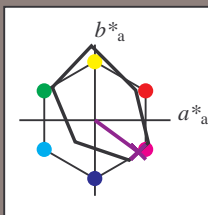
Bunttontexte:

$u^*_d = v50m$   $u^*_e = b45r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 57 -42

$LAB^*LCH^*_{Ma}$ : 30 71 323

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

$lab^*rgb^*_{Ma}$ : 0.91 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						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.936$

Daten für jede Farbe:

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

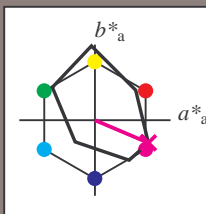
Bunttontexte:

$u^*_d = m00o$   $u^*_e = b57r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 71 -30

$LAB^*LCH^*_{Ma}$ : 41 77 337

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.85

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*tch^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.019$

Daten für jede Farbe:

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

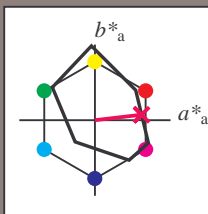
Bunttontexte:

$u^*_d = m50o$   $u^*_e = b83r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 62 7

$LAB^*LCH^*_{Ma}$ : 40 62 6

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.33

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

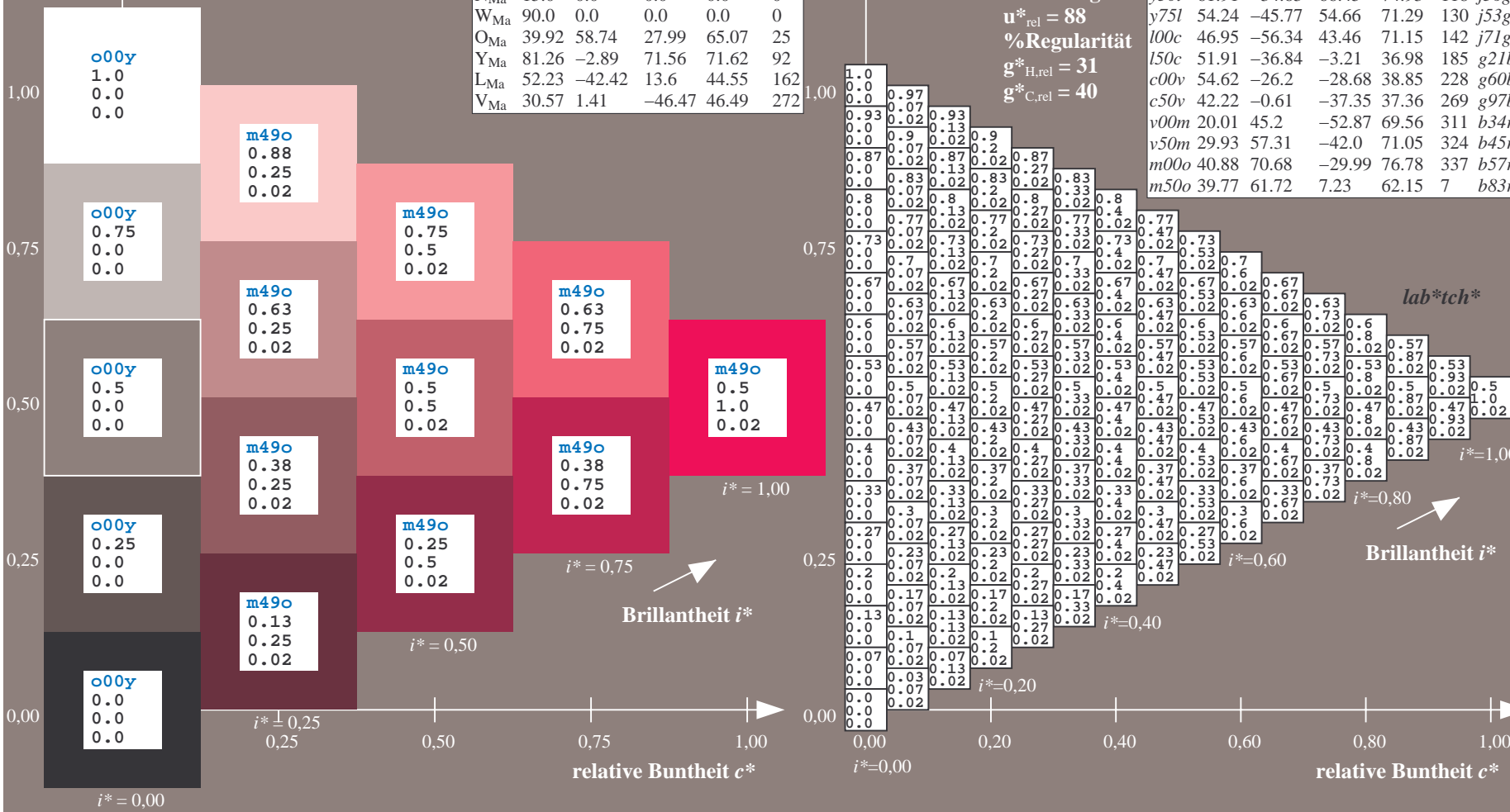
$g^*_{H,rel} = 31$

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

$u^*_d = m50o$   
 $lab^*tch^*$

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r





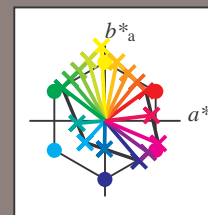
Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg63/>; [www.ps.bam.de/Eg63/](http://www.ps.bam.de/Eg63/); [www.ps.bam.de/Eg63/](http://www.ps.bam.de/Eg63/)  
Technische Information: [http://www.ps.bam.de/Version2.1\\_io=1.1\\_Col5px=0](http://www.ps.bam.de/Version2.1_io=1.1_Col5px=0)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*tch*										
0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	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	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.0	0.0	0.0	0.0	
0.06	0.06	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.13	0.26	0.33	0.35	0.36	0.37	0.37	0.38	0.38	0.1	0.18	0.26	0.33	0.33	0.34	0.35	0.36	0.36	0.1	0.18	0.26	0.33	0.33	0.34	0.35	0.36	0.36	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	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	0.13	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.																																						

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

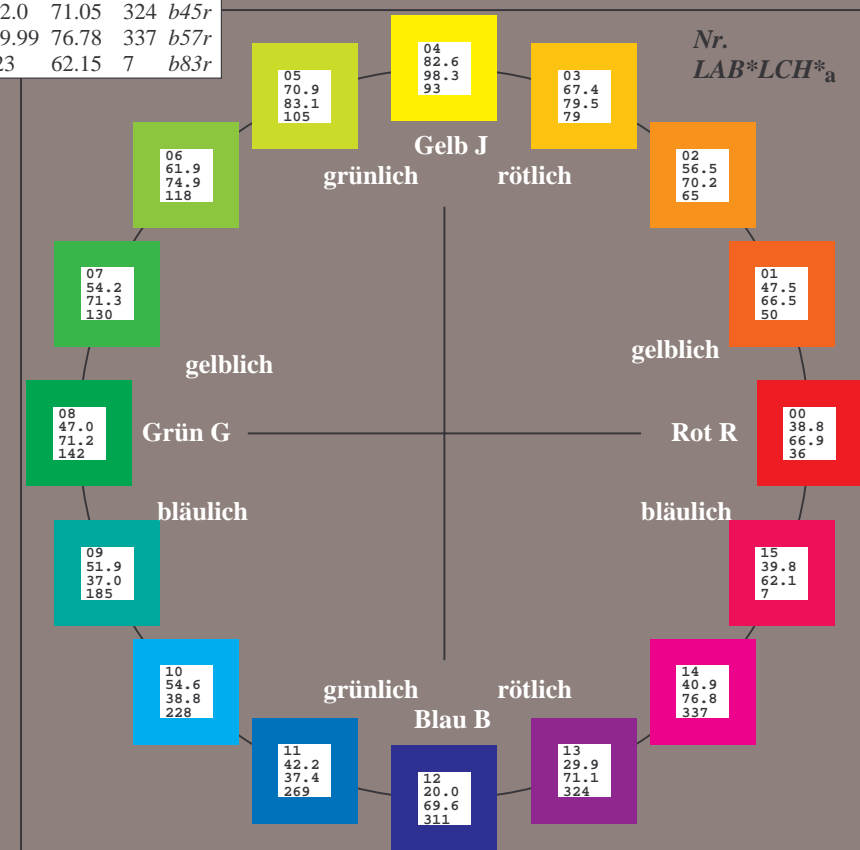
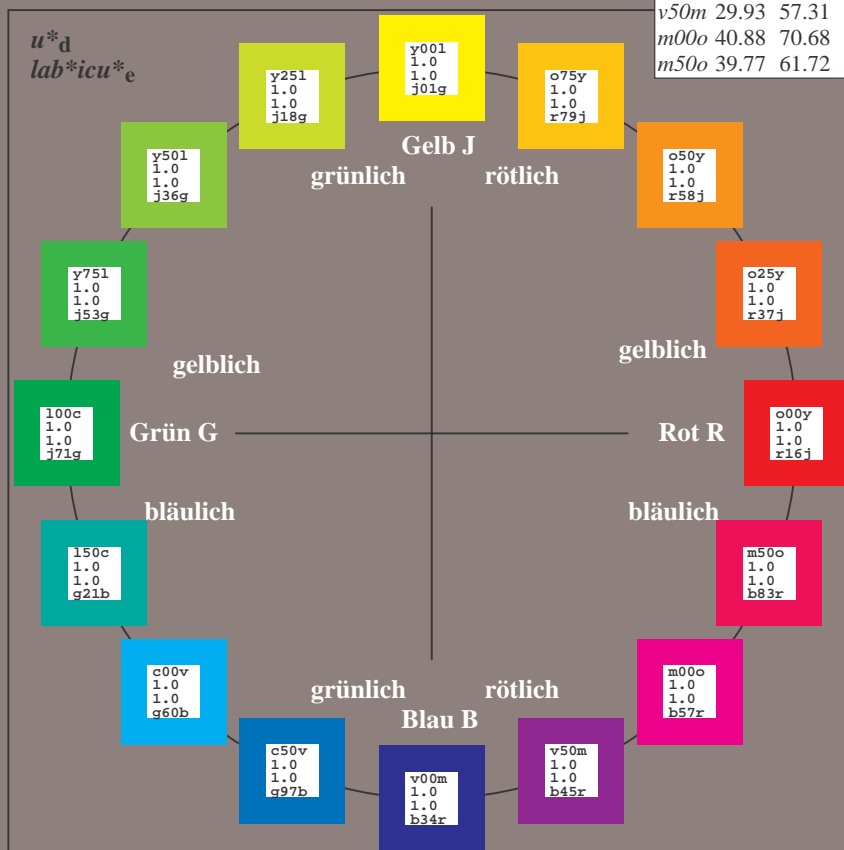
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%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
$O_{CIE}$	39.92	58.74	27.99	65.07	25
$Y_{CIE}$	81.26	-2.89	71.56	71.62	92
$L_{CIE}$	52.23	-42.42	13.6	44.55	162
$V_{CIE}$	30.57	1.41	-46.47	46.49	272



### Daten für jede Farbe:

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

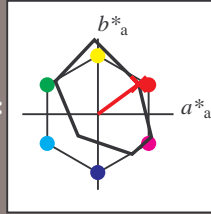
### Bunttontexte:

$$u^*_d = 000y \quad u^*_e = r16j$$

### Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



FRS09_92aM; adaptierte CIELAB-Daten						
	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74		27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89		71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42		13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41		-46.47	46.49	272

### Daten für Maximalfarbe (Ma):

*LAB\*LAB\**<sub>Ma</sub>: 39 54 40

*LAR\*LCH\** : 30 67 36

LAB LCH Ma: 39 07 3  
Lab LCH 10 00 00

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

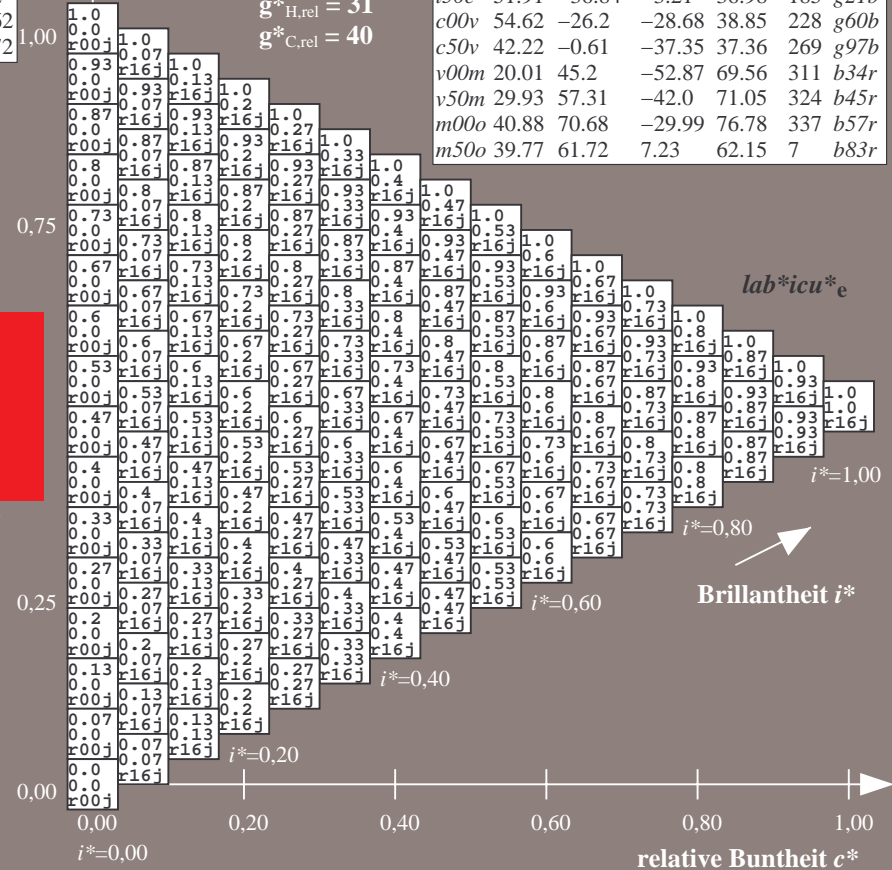
*lab\*rgb\**<sub>Ma</sub>: 1.0 0.16 0.0

### Dreiecks-Helligkeit $t^*$

**%Umfang**

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

**%Regular**

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


**Brillantheit  $i^*$**

### Brillantheit $i^*$

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

BAM-Prüfvorlage Eg63; Farbmatrik-Systeme, Seite 128/198 Eingabe: 000n / w / nnn0 / www set...  
D65: Farbreihen, Datentabellen für 16 Bunttöne o00y bis m75o Ausgabe: ->cmY0\* setcmYcolor

BAM-Prüfvorlage Eg63; Farbmatrik-Systeme, Seite 128/198 Eingabe: 000n / w / nnn0 / www set...  
D65: Farbreihen, Datentabellen für 16 Bunttöne o00y bis m75o Ausgabe: ->cmY0\* setcmYcolor

BAM-Registrierung: 20081001-Eg63/10/L63G00NP.PS/.PDF BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg63/>; [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, ColSpx=0

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

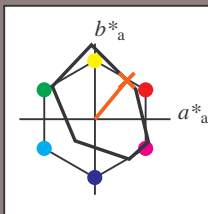
Bunttontexte:

$u^*_d = o25y$   $u^*_e = r37j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 47 42 51

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 47 66 50

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

$\text{lab}^*\text{rgb}^*_{Ma}$ : 1.0 0.37 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$\text{lab}^*\text{icu}^*_e$

$i^* = 1.00$

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  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.179$

Daten für jede Farbe:

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

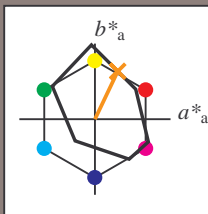
Bunttontexte:

$u^*_d = o50y$   $u^*_e = r58j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 57 30 63

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 57 70 64

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.58 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$\text{lab}^*\text{icu}^*_e$

$i^* = 1.00$

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  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.218$

Daten für jede Farbe:

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

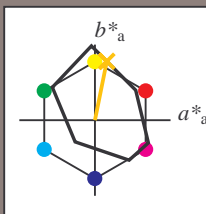
Bunttontexte:

$u^*_d = o75y$   $u^*_e = r79j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 67 16 78

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 67 79 78

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.8 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$\text{lab}^*\text{icu}^*_e$

$i^* = 1.00$

Brillantheit  $i^*$

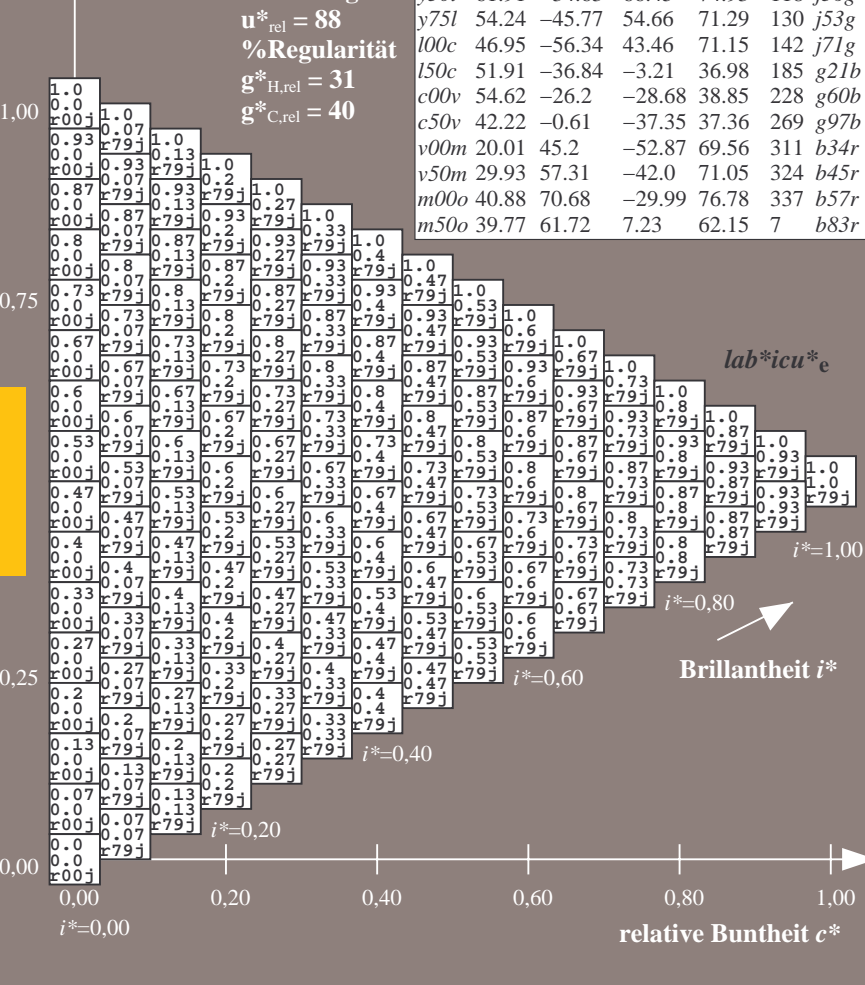
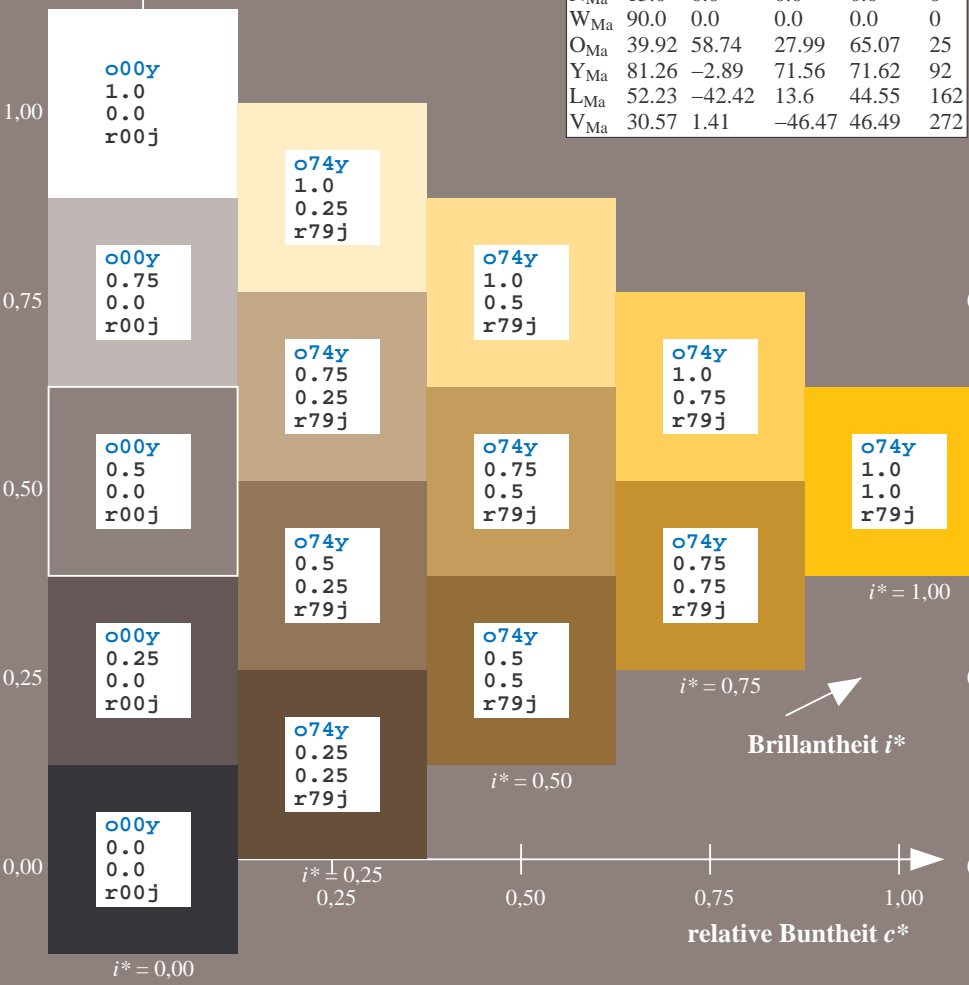
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$

Daten für jede Farbe:

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

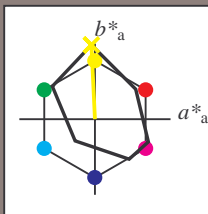
Bunttontexte:

$u^*_d = y00l$   $u^*_e = j01g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -5 98

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

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

$lab^*rgb^*_{Ma}$ : 0.99 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*icu^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.292$

Daten für jede Farbe:

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

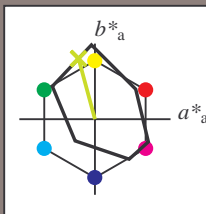
Bunttontexte:

$u^*_d = y25l$   $u^*_e = j18g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 71 -22 80

$LAB^*LCH^*_{Ma}$ : 71 83 105

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

$lab^*rgb^*_{Ma}$ : 0.82 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*icu^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Bunttheit  $c^*$

$i^* = 0.00$

relative Bunttheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.326$

Daten für jede Farbe:

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

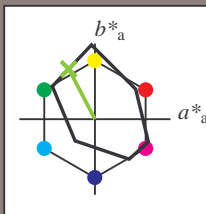
Bunttontexte:

$u^*_d = y50l$   $u^*_e = j36g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 62 -35 66

$LAB^*LCH^*_{Ma}$ : 62 75 117

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

$lab^*rgb^*_{Ma}$ : 0.64 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*icu^*$

$i^* = 1.00$

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  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.361$

Daten für jede Farbe:

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

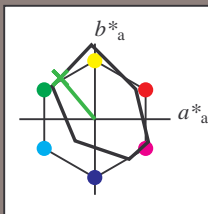
Bunttontexte:

$u^*_d = y75l$   $u^*_e = j53g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 54 -46 55

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 54 71 129

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

$\text{lab}^*\text{rgb}^*_{Ma}$ : 0.46 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$\text{lab}^*\text{icu}^*_e$

$i^* = 1.00$

Brillantheit  $i^*$

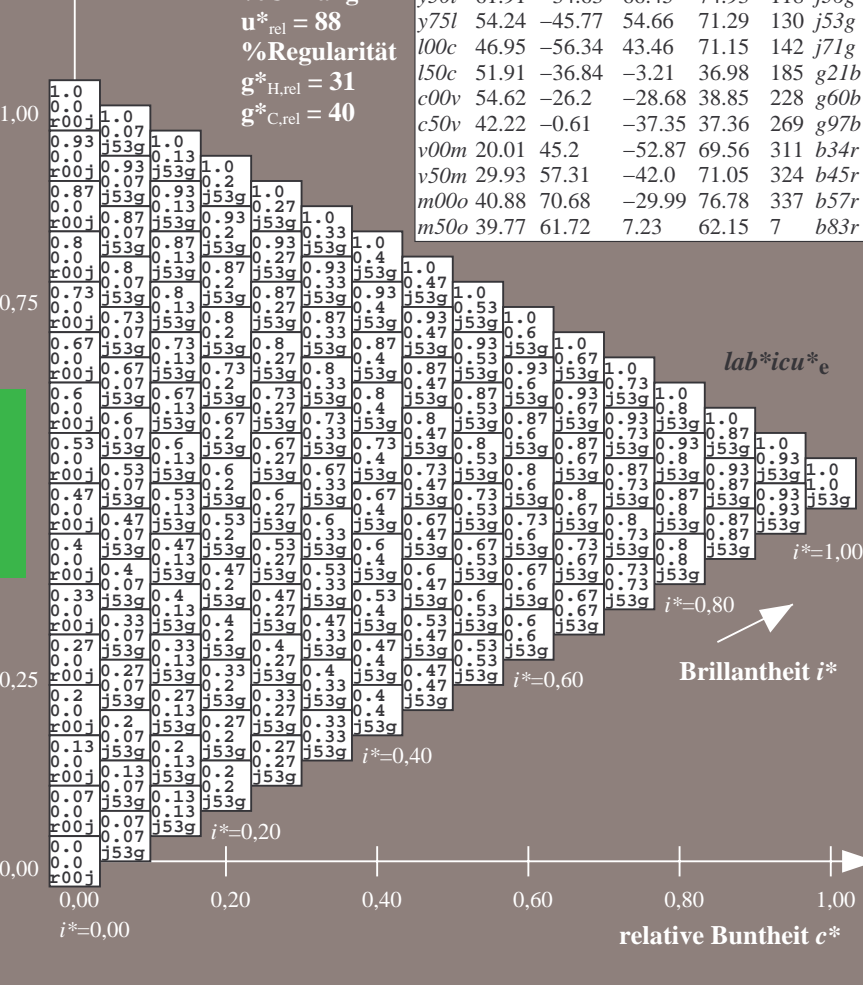
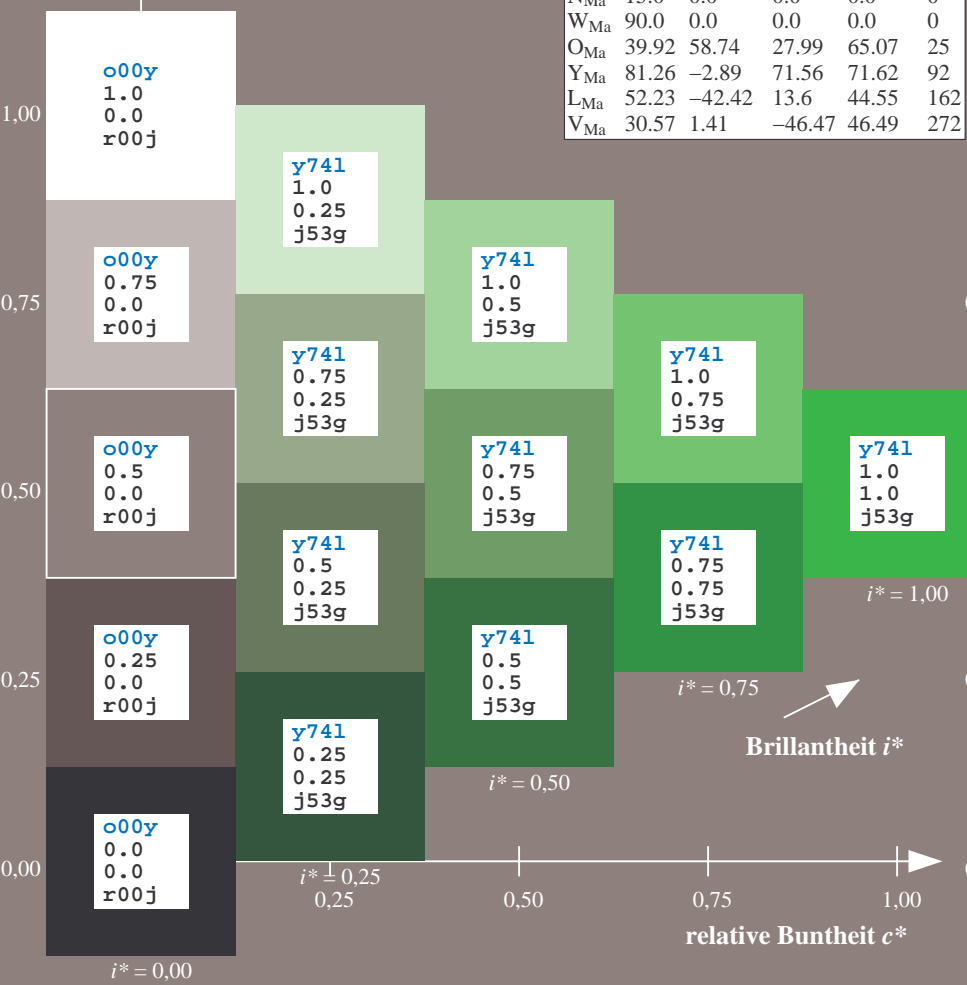
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.395$

Daten für jede Farbe:

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

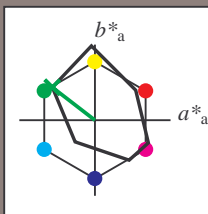
Bunttontexte:

$u^*_d = 100c$   $u^*_e = j71g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -56 43

$LAB^*LCH^*_{Ma}$ : 47 71 142

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

$lab^*rgb^*_{Ma}$ : 0.28 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

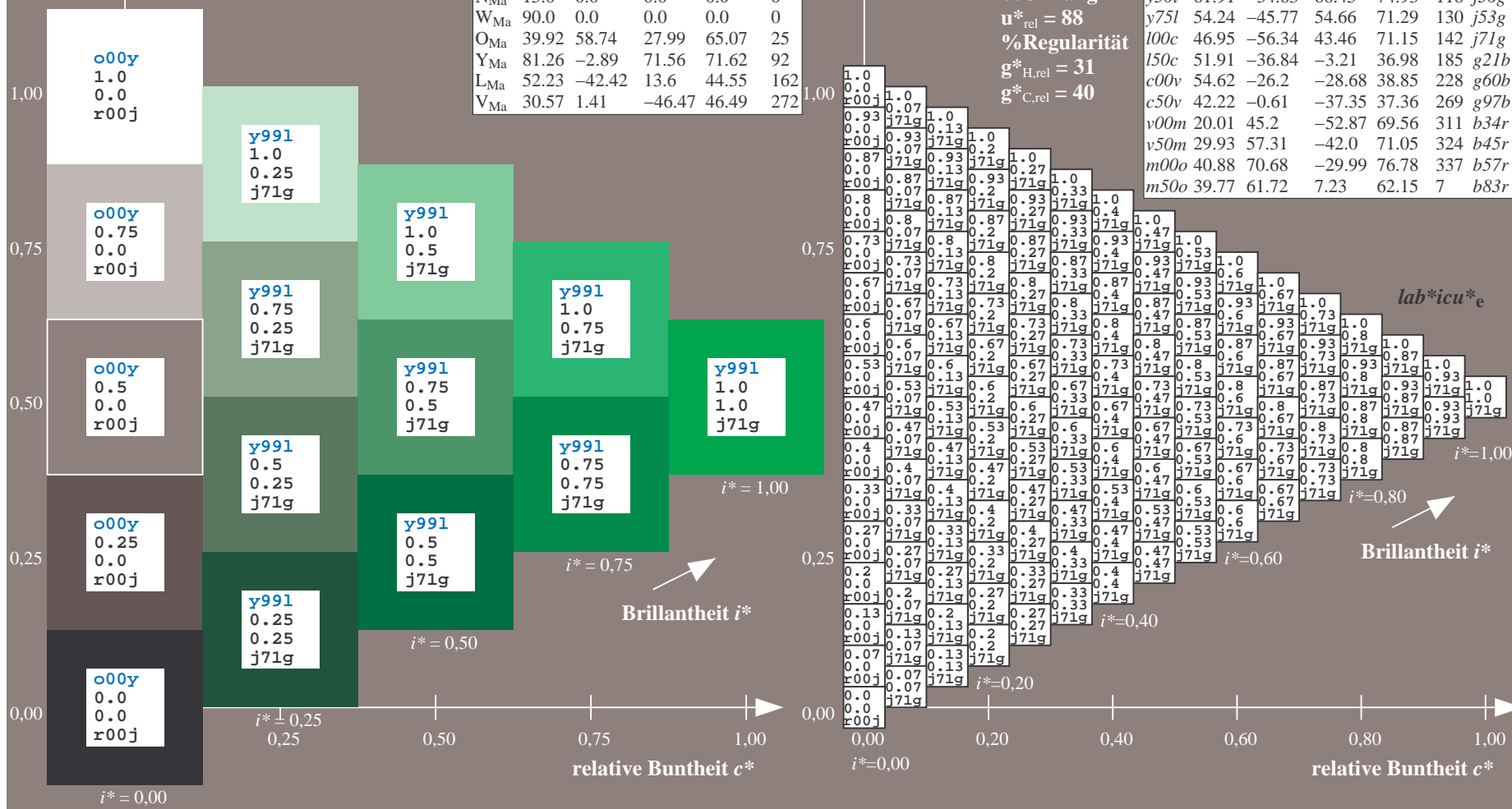
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.514$

Daten für jede Farbe:

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

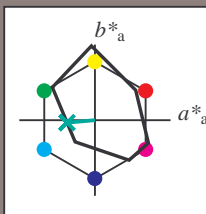
Bunttontexte:

$u^*_d = 150c$   $u^*_e = g21b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 52 -37 -3

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 52 37 184

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.0 1.0 0.42

Dreiecks-Helligkeit  $t^*$

%Umfang

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

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$\text{lab}^*icu^*_e$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.632$

Daten für jede Farbe:

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

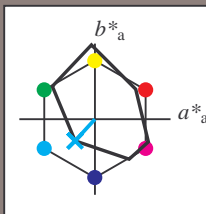
Bunttontexte:

$u^*_d = c00v$   $u^*_e = g60b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 55 -26 -29

$LAB^*LCH^*_{Ma}$ : 55 39 227

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

$lab^*rgb^*_{Ma}$ : 0.0 0.81 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*icu^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$

Daten für jede Farbe:

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

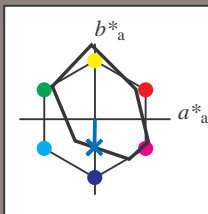
Bunttontexte:

$u^*_d = c50v$   $u^*_e = g97b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 -1 -37

$LAB^*LCH^*_{Ma}$ : 42 37 269

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

$lab^*rgb^*_{Ma}$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*icu^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.863$

Daten für jede Farbe:

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

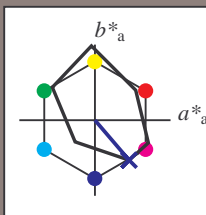
Bunttontexte:

$u^*_d = v00m$   $u^*_e = b34r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 20 45 -53

$LAB^*LCH^*_{Ma}$ : 20 70 310

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

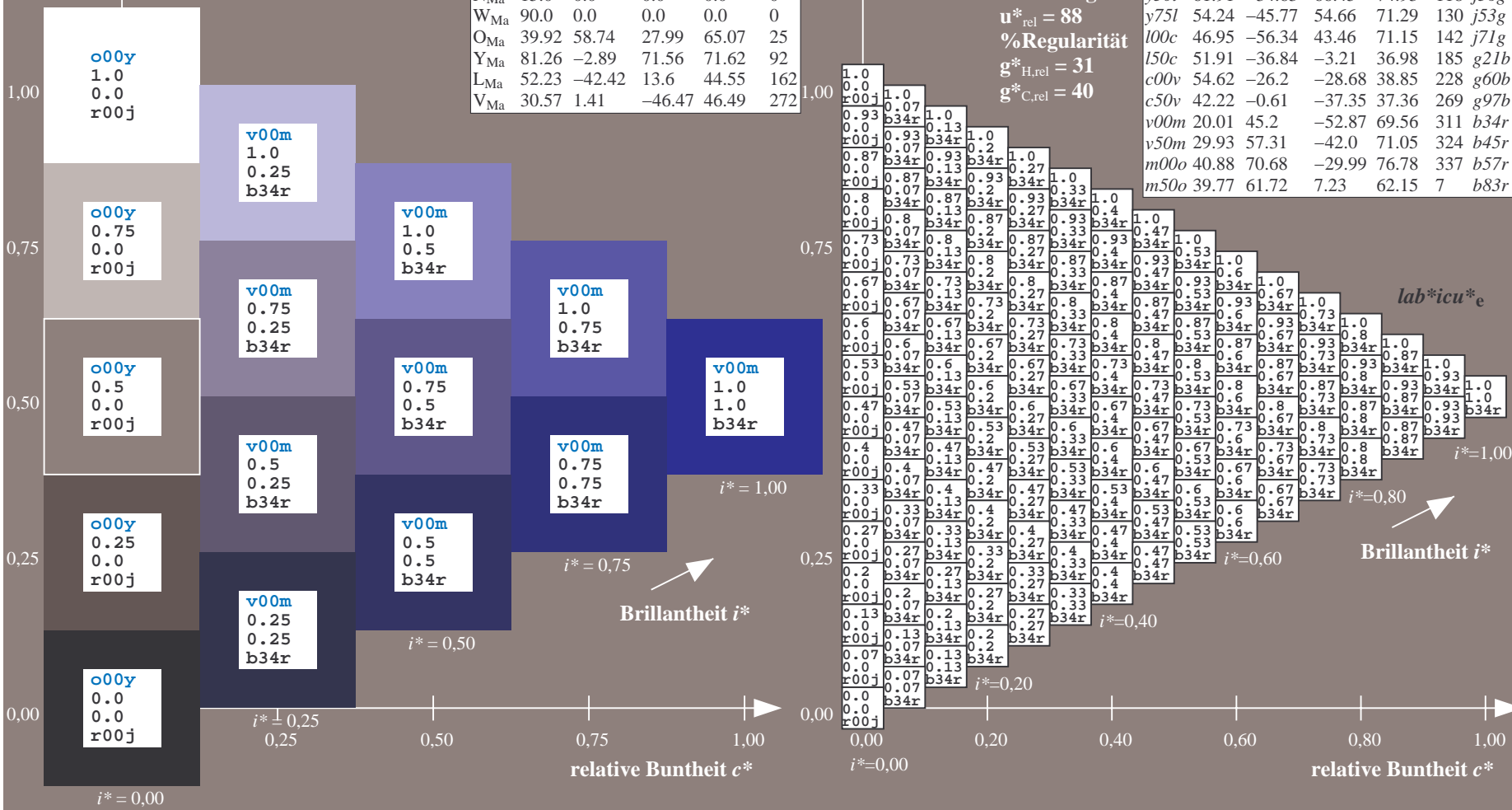
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.899$

Daten für jede Farbe:

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

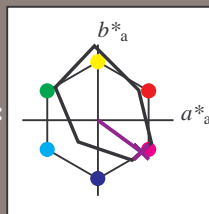
Bunttontexte:

$u^*_d = v50m$   $u^*_e = b45r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 30 57 -42

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 30 71 323

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

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.91 0.0 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

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

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Bunttheit  $c^*$

$i^* = 0.00$

relative Bunttheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.936$

Daten für jede Farbe:

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

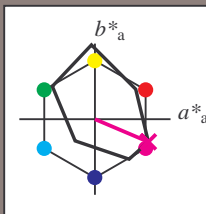
Bunttontexte:

$u^*_d = m00o$   $u^*_e = b57r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 71 -30

$LAB^*LCH^*_{Ma}$ : 41 77 337

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.85

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*icu^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.019$

Daten für jede Farbe:

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

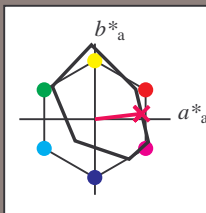
Bunttontexte:

$u^*_d = m50o$   $u^*_e = b83r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 62 7

$LAB^*LCH^*_{Ma}$ : 40 62 6

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.33

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*icu^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

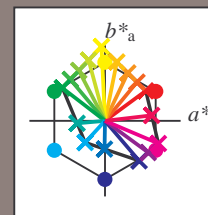
Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg63/>; [www.ps.bam.de/Eg63/](http://www.ps.bam.de/Eg63/); [www.ps.bam.de/Version 2.1, io=1.1, Col5px=0](http://www.ps.bam.de/Version2.1,io=1.1,Col5px=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1.1, Col5px=0](http://www.ps.bam.de/Version2.1,io=1.1,Col5px=0)

	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*	e																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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	1.75	1.88	2.0	2.13	2.25	2.38	2.5	2.63	2.75	2.88	3.0	3.13	3.25	3.38	3.5	3.63	3.75	3.88	4.0	4.13	4.25	4.38	4.5	4.63	4.75	4.88	5.0	5.13	5.25	5.38	5.5	5.63	5.75	5.88	6.0	6.13	6.25	6.38	6.5	6.63	6.75	6.88	7.0	7.13	7.25	7.38	7.5	7.63	7.75	7.88	8.0	8.13	8.25	8.38	8.5	8.63	8.75	8.88	9.0	9.13	9.25	9.38	9.5	9.63	9.75	9.88	10.0	10.13	10.25	10.38	10.5	10.63	10.75	10.88	11.0	11.13	11.25	11.38	11.5	11.63	11.75	11.88	12.0	12.13	12.25	12.38	12.5	12.63	12.75	12.88	13.0	13.13	13.25	13.38	13.5	13.63	13.75	13.88	14.0	14.13	14.25	14.38	14.5	14.63	14.75	14.88	15.0	15.13	15.25	15.38	15.5	15.63	15.75	15.88	16.0	16.13	16.25	16.38	16.5	16.63	16.75	16.88	17.0	17.13	17.25	17.38	17.5	17.63	17.75	17.88	18.0	18.13	18.25	18.38	18.5	18.63	18.75	18.88	19.0	19.13	19.25	19.38	19.5	19.63	19.75	19.88	20.0	20.13	20.25	20.38	20.5	20.63	20.75	20.88	21.0	21.13	21.25	21.38	21.5	21.63	21.75	21.88	22.0	22.13	22.25	22.38	22.5	22.63	22.75	22.88	23.0	23.13	23.25	23.38	23.5	23.63	23.75	23.88	24.0	24.13	24.25	24.38	24.5	24.63	24.75	24.88	25.0	25.13	25.25	25.38	25.5	25.63	25.75	25.88	26.0	26.13	26.25	26.38	26.5	26.63	26.75	26.88	27.0	27.13	27.25	27.38	27.5	27.63	27.75	27.88	28.0	28.13	28.25	28.38	28.5	28.63	28.75	28.88	29.0	29.13	29.25	29.38	29.5	29.63	29.75	29.88	30.0	30.13	30.25	30.38	30.5	30.63	30.75	30.88	31.0	31.13	31.25	31.38	31.5	31.63	31.75	31.88	32.0	32.13	32.25	32.38	32.5	32.63	32.75	32.88	33.0	33.13	33.25	33.38	33.5	33.63	33.75	33.88	34.0	34.13	34.25	34.38	34.5	34.63	34.75	34.88	35.0	35.13	35.25	35.38	35.5	35.63	35.75	35.88	36.0	36.13	36.25	36.38	36.5	36.63	36.75	36.88	37.0	37.13	37.25	37.38	37.5	37.63	37.75	37.88	38.0	38.13	38.25	38.38	38.5	38.63	38.75	38.88	39.0	39.13	39.25	39.38	39.5	39.63	39.75	39.88	40.0	40.13	40.25	40.38	40.5	40.63	40.75	40.88	41.0	41.13	41.25	41.38	41.5	41.63	41.75	41.88	42.0	42.13	42.25	42.38	42.5	42.63	42.75	42.88	43.0	43.13	43.25	43.38	43.5	43.63	43.75	43.88	44.0	44.13	44.25	44.38	44.5	44.63	44.75	44.88	45.0	45.13	45.25	45.38	45.5	45.63	45.75	45.88	46.0	46.13	46.25	46.38	46.5	46.63	46.75	46.88	47.0	47.13	47.25	47.38	47.5	47.63	47.75	47.88	48.0	48.13	48.25	48.38	48.5	48.63	48.75	48.88	49.0	49.13	49.25	49.38	49.5	49.63	49.75	49.88	50.0	50.13	50.25	50.38	50.5	50.63	50.75	50.88	51.0	51.13	51.25	51.38	51.5	51.63	51.75	51.88	52.0	52.13	52.25	52.38	52.5	52.63	52.75	52.88	53.0	53.13	53.25	53.38	53.5	53.63	53.75	53.88	54.0	54.13	54.25	54.38	54.5	54.63	54.75	54.88	55.0	55.13	55.25	55.38	55.5	55.63	55.75	55.88	56.0	56.13	56.25	56.38	56.5	56.63	56.75	56.88	57.0	57.13	57.25	57.38	57.5	57.63	57.75	57.88	58.0	58.13	58.25	58.38	58.5	58.63	58.75	58.88	59.0	59.13	59.25	59.38	59.5	59.63	59.75	59.88	60.0	60.13	60.25	60.38	60.5	60.63	60.75	60.88	61.0	61.13	61.25	61.38	61.5	61.63	61.75	61.88	62.0	62.13	62.25	62.38	62.5	62.63	62.75	62.88	63.0	63.13	63.25	63.38	63.5	63.63	63.75	63.88	64.0	64.13	64.25	64.38	64.5	64.63	64.75	64.88	65.0	65.13	65.25	65.38	65.5	65.63	65.75	65.88	66.0	66.13	66.25	66.38	66.5	66.63	66.75	66.88	67.0	67.13	67.25	67.38	67.5	67.63	67.75	67.88	68.0	68.13	68.25	68.38	68.5	68.63	68.75	68.88	69.0	69.13	69.25	69.38	69.5	69.63	69.75	69.88	70.0	70.13	70.25	70.38	70.5	70.63	70.75	70.88	71.0	71.13	71.25	71.38	71.5	71.63	71.75	71.88	72.0	72.13	72.25	72.38	72.5	72.63	72.75	72.88	73.0	73.13	73.25	73.38	73.5	73.63	73.75	73.88	74.0	74.13	74.25	74.38	74.5	74.63	74.75	74.88	75.0	75.13	75.25	75.38	75.5	75.63	75.75	75.88	76.0	76.13	76.25	76.38	76.5	76.63	76.75	76.88	77.0	77.13	77.25	77.38	77.5	77.63	77.75	77.88	78.0	78.13	78.25	78.38	78.5	78.63	78.75	78.88	79.0	79.13	79.25	79.38	79.5	79.63	79.75	79.88	80.0	80.13	80.25	80.38	80.5	80.63	80.75	80.88	81.0	81.13	81.25	81.38	81.5	81.63	81.75	81.88	82.0	82.13	82.25	82.38	82.5	82.63	82.75	82.88	83.0	83.13	83.25	83.38	83.5	83.63	83.75	83.88	84.0	84.13	84.25	84.38	84.5	84.63	84.75	84.88	85.0	85.13	85.25	85.38	85.5	85.63	85.75	85.88	86.0	86.13	86.25	86.38	86.5	86.63	86.75	86.88	87.0	87.13	87.25	87.38	87.5	87.63	87.75	87.88	88.0	88.13	88.25	88.38	88.5	88.63	88.75	88.88	89.0	89.13	89.25	89.38	89.5	89.63	89.75	89.88	90.0	90.13	90.25	90.38	90.5	90.63	90.75	90.88	91.0	91.13	91.25	91.38	91.5	91.63	91.75	91.88	92.0	92.13	92.25	92.38	92.5	92.63	92.75	92.88	93.0	93.13	93.25	93.38	93.5	93.63	93.75	93.88	94.0	94.13	94.25	94.38	94.5	94.63	94.75	94.88	95.0	95.13	95.25	95.38	95.5	95.63	95.75	95.88	96.0	96.13	96.25	96.38	96.5	96.63	96.75	96.88	97.0	97.13	97.25	97.38	97.5	97.63	97.75	97.88	98.0	98.13	98.25	98.38	98.5	98.63	98.75	98.88	99.0	99.13	99.25	99.38	99.5	99.63	99.75	99.88	100.0	100.13	100.25	100.38	100.5	100.63	100.75	100.88	101.0	101.13	101.25	101.38	101.5	101.63	101.75	101.88	102.0	102.13	102.25	102.38	102.5	102.63	102.75	102.88	103.0	103.13	103.25	103.38	103.5	103.63	103.75	103.88	104.0	104.13	104.25	104.38	104.5	104.63	104.75	104.88	105.0	105.13	105.25	105.38	105.5	105.63	105.75	105.88	106.0	106.13	106.25	106.38	106.5	106.63	106.75	106.88	107.0	107.13	107.25	107.38	107.5	107.63	107.75	107.88	108.0	108.13	108.25	108.38	108.5	108.63	108.75	108.88	109.0	109.13	109.25	109.38	109.5	109.63	109.75	109.88	110.0	110.13	110.25	110.38	110.5	110.63	110.75	110.88	111.0	111.13	111.25	111.38	111.5	111.63	111.75	111.88	112.0	112.13	112.25	112.38	112.5	112.63	112.75	112.88	113.0	113.13	113.25	113.38	113.5	113.63	113.75	113.88	114.0	114.13	114.25	114.38	114.5	114.63	114.75	114.88	115.0	115.13	115.25	115.38	115.5	115.63	115.75	115.88	116.0	116.13	116.25	116.38	116.5	116.63	116.75	116.88	117.0	117.13	117.25	117.38	117.5	117.63	117.75	117.88	118.0	118.13	118.25	118.38	118.5	118.63	118.75	118.88	119.0	119.13	119.25	119.38	119.5	119.63	119.75	119.88	120.0	120.13	120.25	120.38	120.5	120.63	120.75	120.88	121.0	121.13	121.25	121.38	121.5	121.63	121.75	121.88	122.0	122.13	122.25	122.38	122.5	122.63	122.75	122.88	123.0	123.13	123.25	123.38	123.5	123.63	123.75	123.88	124.0	124.13	124.25	124.38	124.5	124.63	124.75	124.88	125.0	125.13	125.25	125.38	125.5	125

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

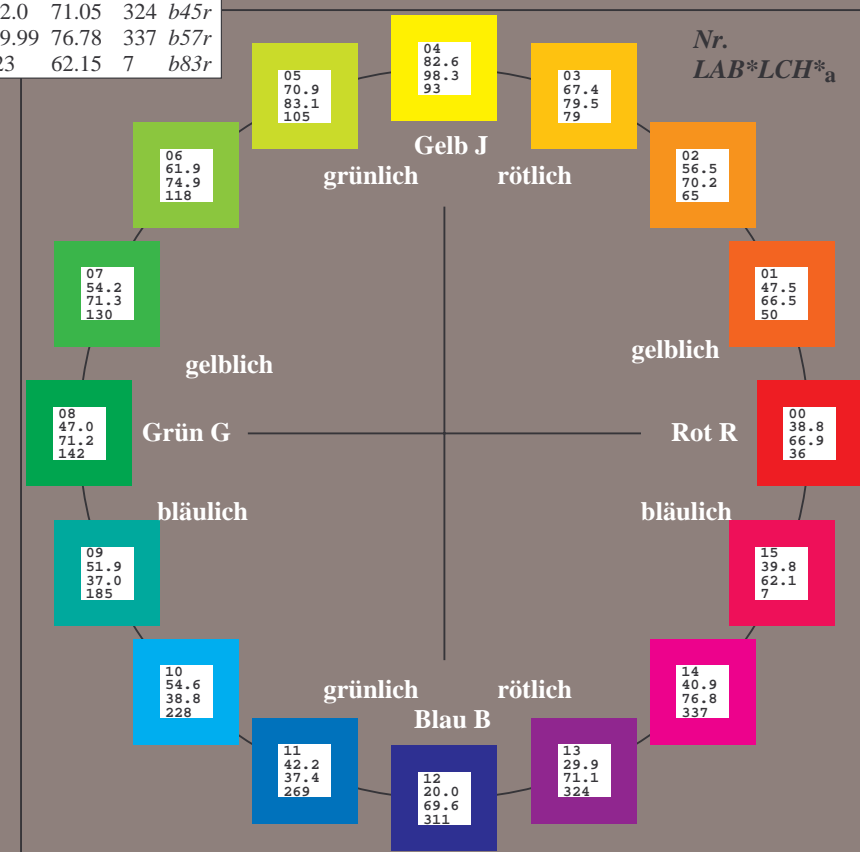
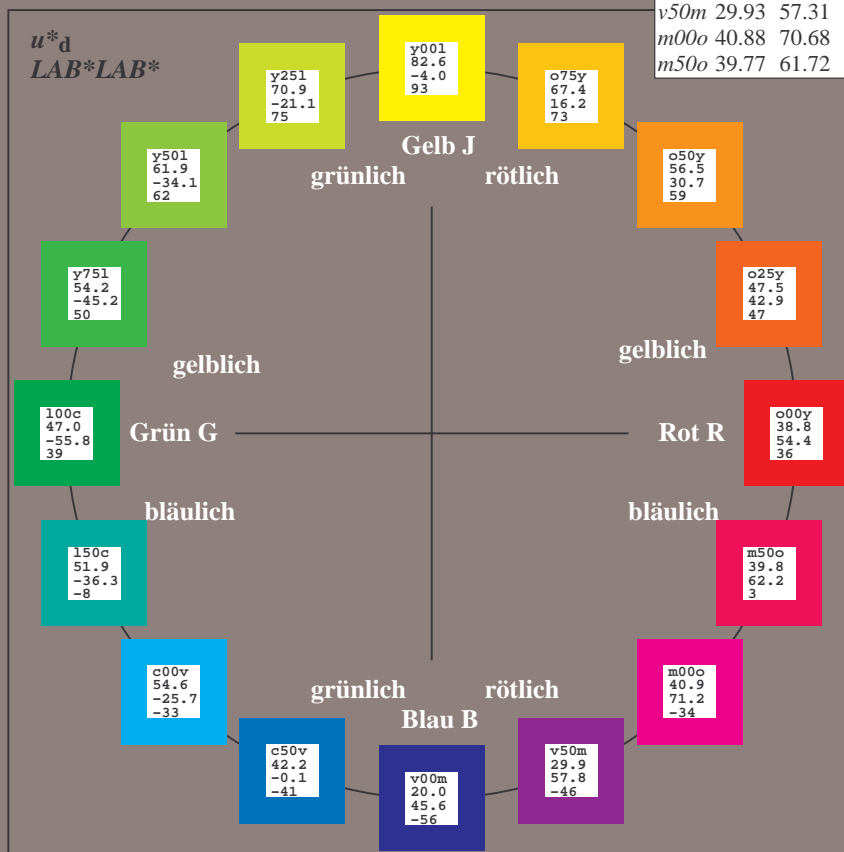
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%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
$O_{CIE}$	39.92	58.74	27.99	65.07	25
$Y_{CIE}$	81.26	-2.89	71.56	71.62	92
$L_{CIE}$	52.23	-42.42	13.6	44.55	162
$V_{CIE}$	30.57	1.41	-46.47	46.49	272





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$

Daten für jede Farbe:

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

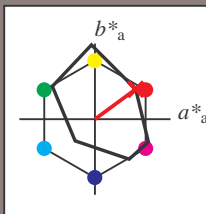
Bunttontexte:

$u^*_d = o00y$   $u^*_e = r16j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 39 54 40

$LAB^*LCH^*Ma$ : 39 67 36

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

$lab^*rgb^*Ma$ : 1.0 0.16 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>			
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>			
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>			
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>			
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>			
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>			
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>			
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>			
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>			
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>			
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>			
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>			
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>			
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>			
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>			
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>			

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

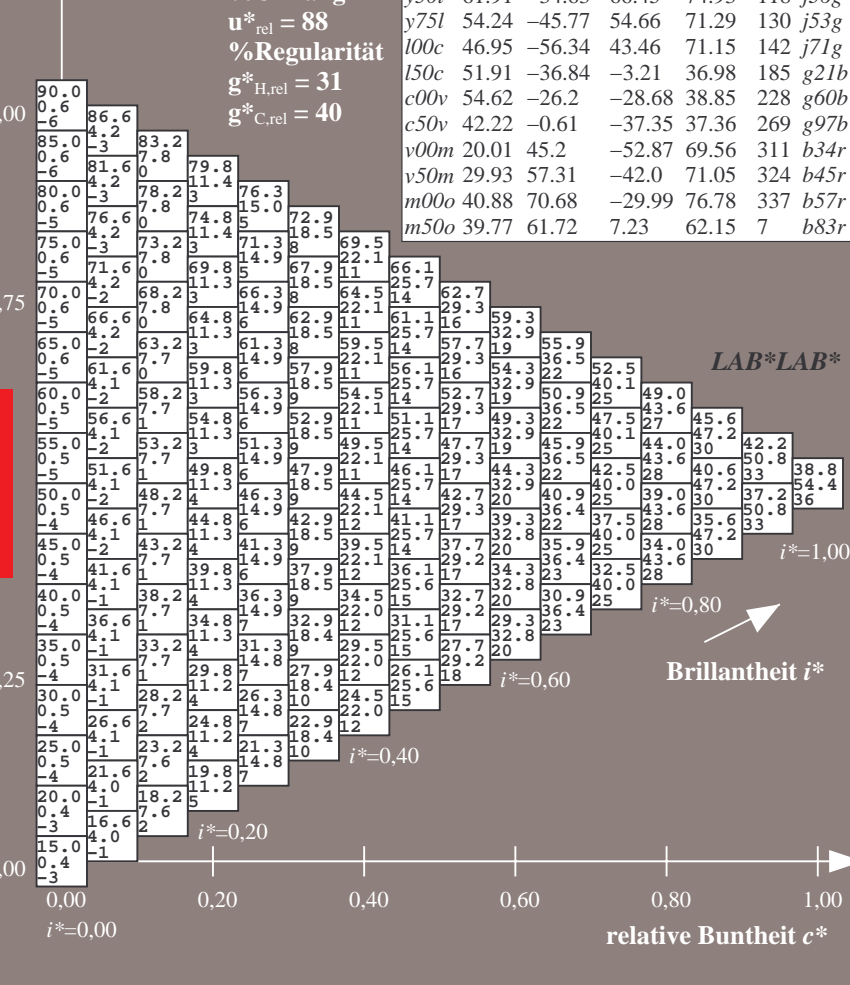
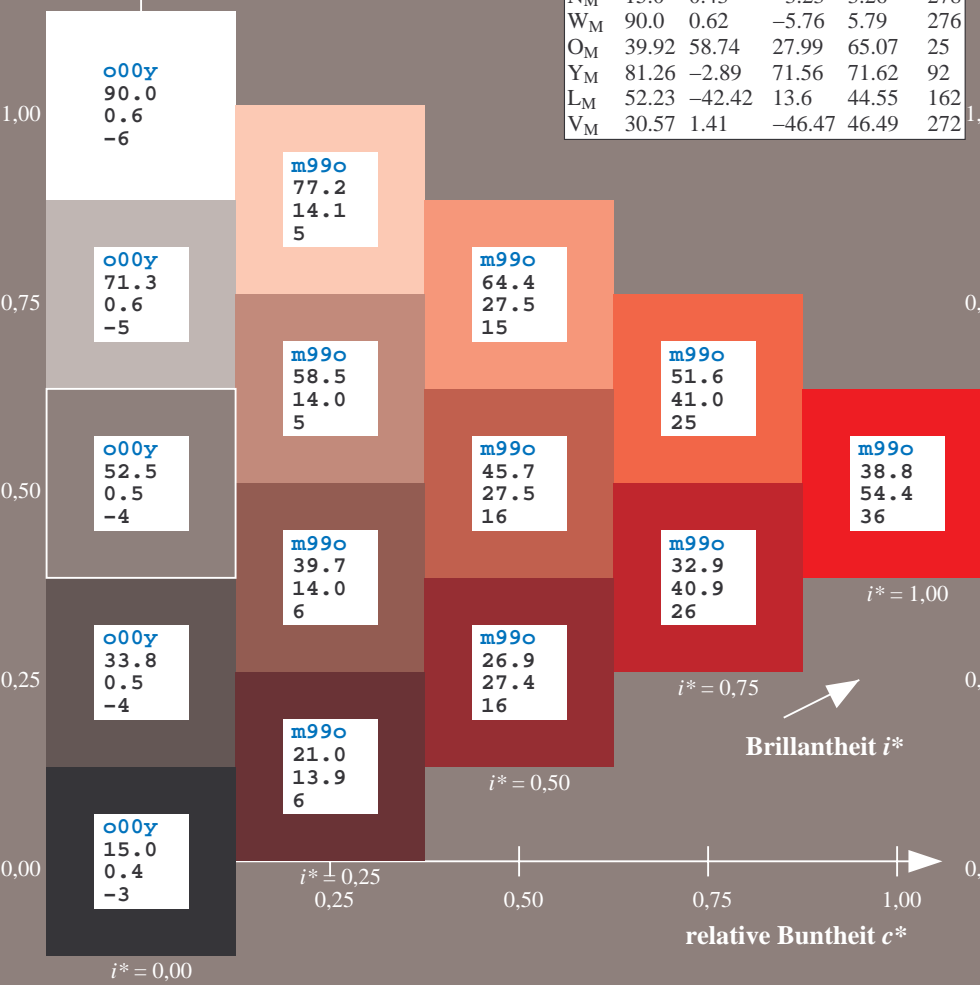
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

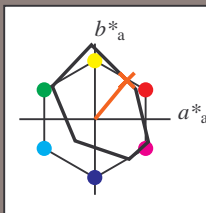
Bunttontexte:

$u^*_d = o25y$   $u^*_e = r37j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92M; CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
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
O <sub>M</sub>	39.92	58.74	27.99	65.07	25
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 47 42 51

$LAB^*LCH^*Ma$ : 47 66 50

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

$lab^*rgb^*Ma$ : 1.0 0.37 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$LAB^*LAB^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.179$

Daten für jede Farbe:

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

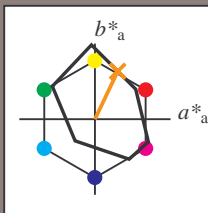
Bunttontexte:

$u^*_d = o50y$   $u^*_e = r58j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 57 30 63

$LAB^*LCH^*Ma$ : 57 70 64

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

$lab^*rgb^*Ma$ : 1.0 0.58 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*LAB^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.218$

Daten für jede Farbe:

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

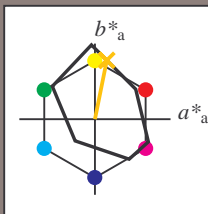
Bunttontexte:

$u^*_d = o75y$   $u^*_e = r79j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09\_92M; CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
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
O <sub>M</sub>	39.92	58.74	27.99	65.07	25
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 16 78

$LAB^*LCH^*_{Ma}$ : 67 79 78

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$LAB^*LAB^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.258$

Daten für jede Farbe:

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

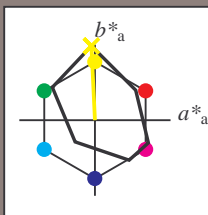
Bunttontexte:

$u^*_d = y00l$   $u^*_e = j0l1g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 83 -5 98

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

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

$lab^*rgb^*Ma$ : 0.99 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									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*LAB^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.292$

Daten für jede Farbe:

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

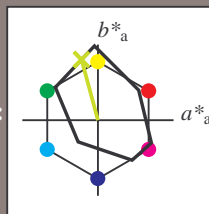
Bunttontexte:

$u^*_d = y25l$   $u^*_e = j18g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma: 71 -22 80$

$LAB^*LCH^*Ma: 71 83 105$

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

$lab^*rgb^*Ma: 0.82 1.0 0.0$

Dreiecks-Helligkeit  $i^*$

%Umfang

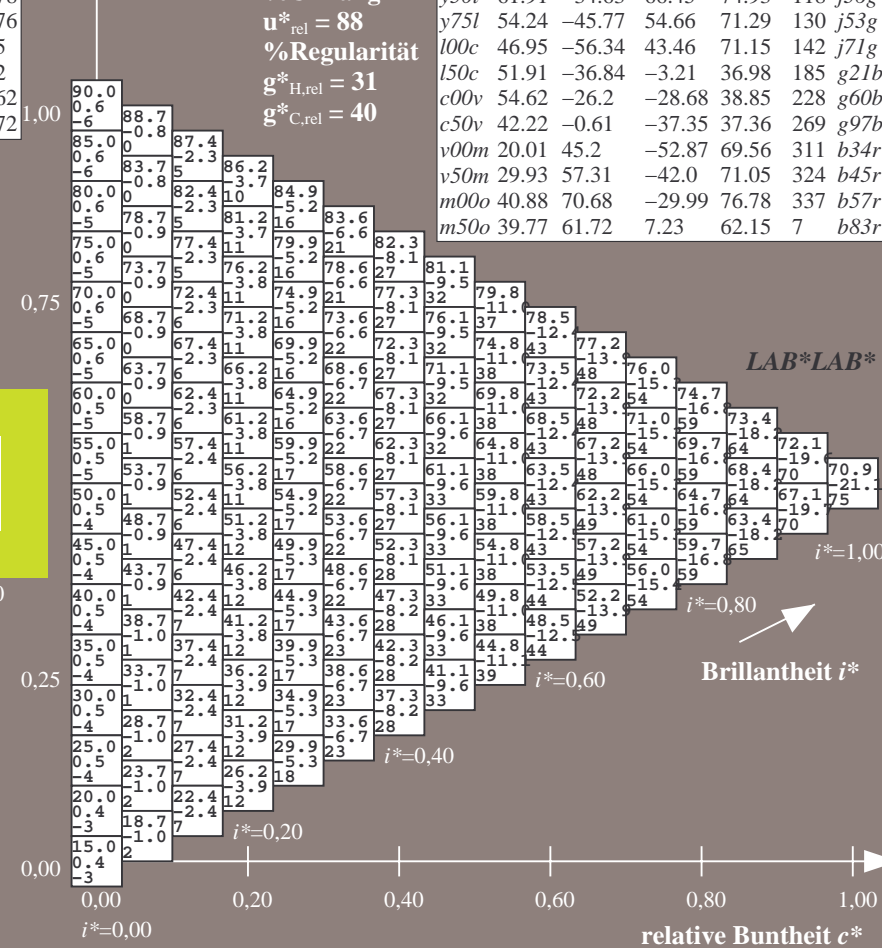
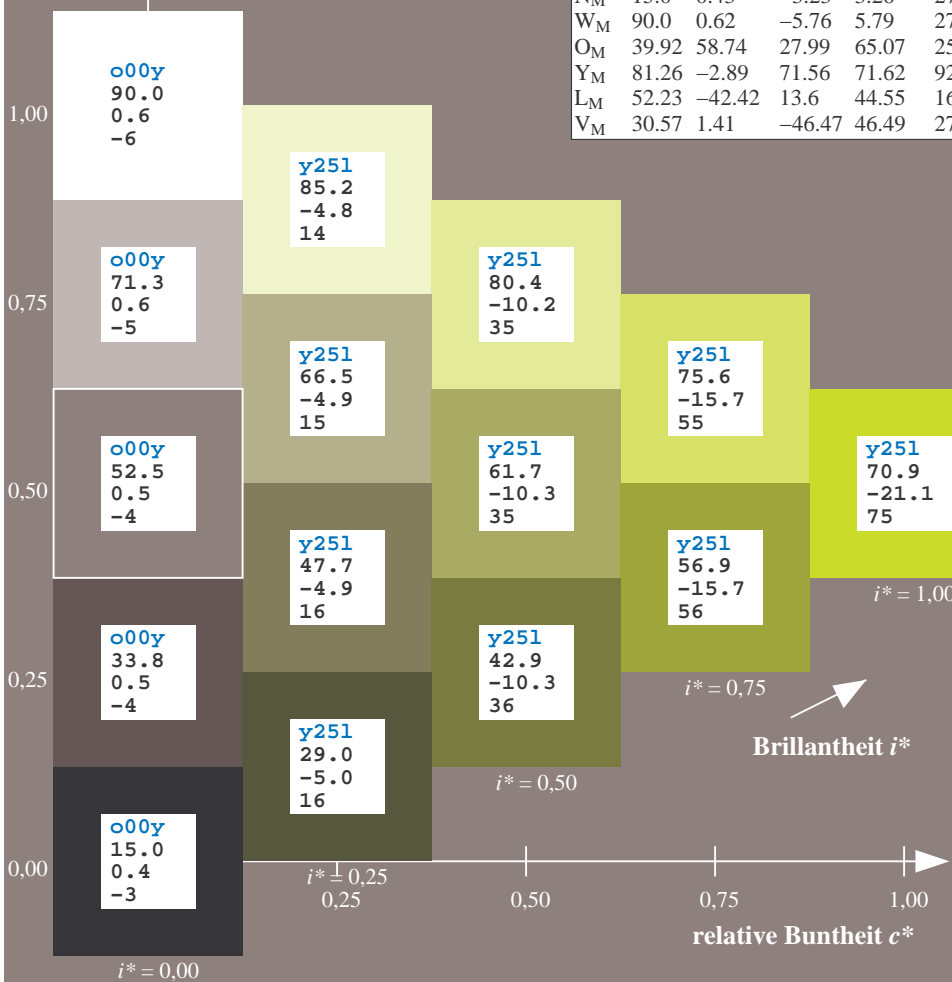
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.326$

Daten für jede Farbe:

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

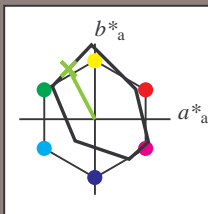
Bunttontexte:

$u^*_d = y50l$   $u^*_e = j36g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92M; CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
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
O <sub>M</sub>	39.92	58.74	27.99	65.07	25
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 62 -35 66

$LAB^*LCH^*Ma$ : 62 75 117

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

$lab^*rgb^*Ma$ : 0.64 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

$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$LAB^*LAB^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.361$

Daten für jede Farbe:

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

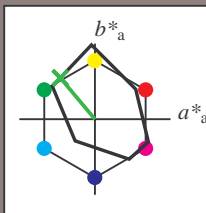
Bunttontexte:

$u^*_d = y75l$   $u^*_e = j53g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -46 55

$LAB^*LCH^*_{Ma}$ : 54 71 129

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

$lab^*rgb^*_{Ma}$ : 0.46 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

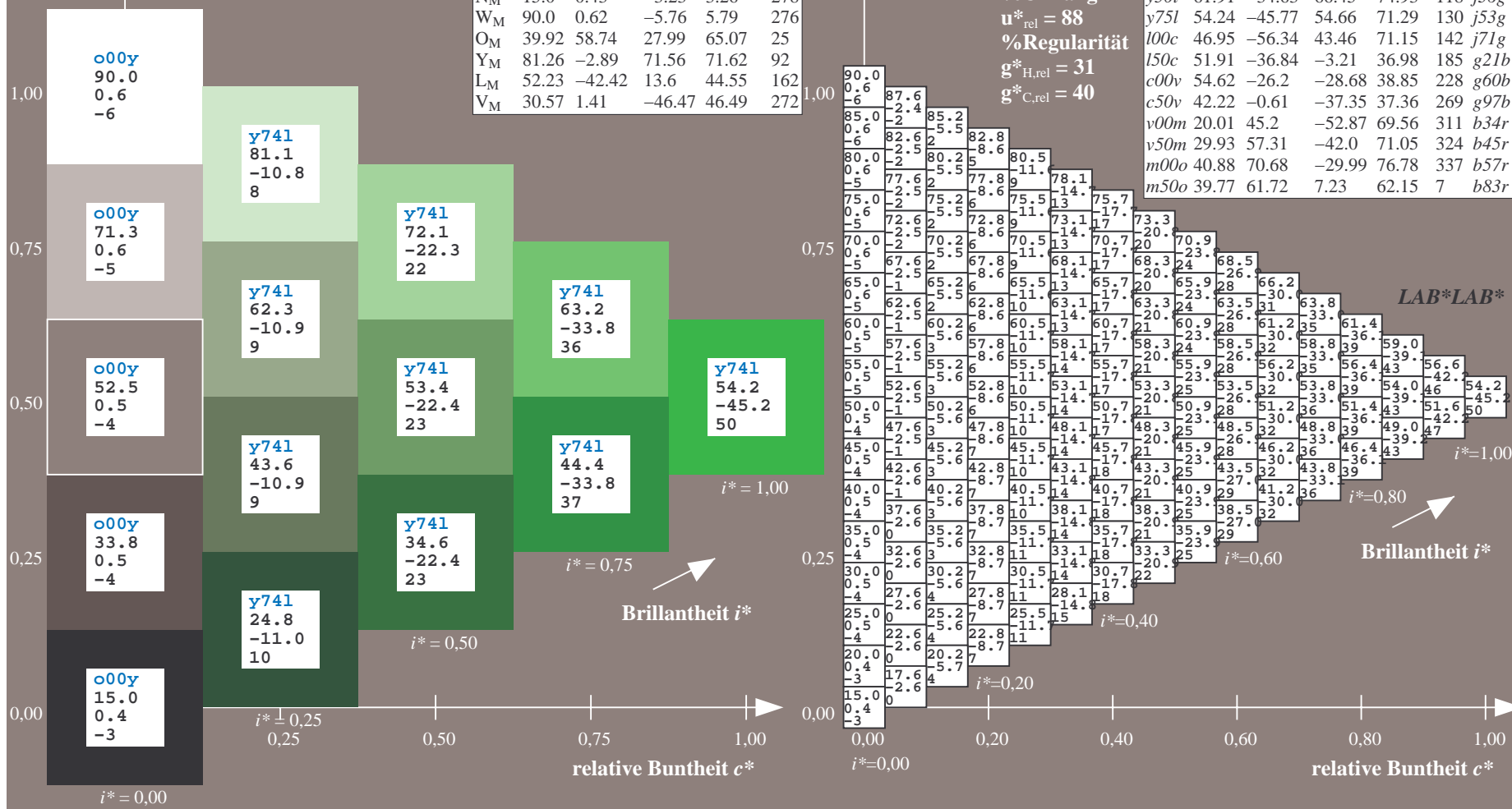
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.395$

Daten für jede Farbe:

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

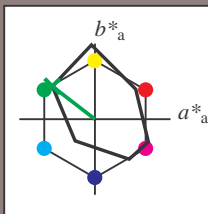
Bunttontexte:

$u^*_d = 100c$   $u^*_e = j71g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 47 -56 43

$LAB^*LCH^*Ma$ : 47 71 142

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

$lab^*rgb^*Ma$ : 0.28 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

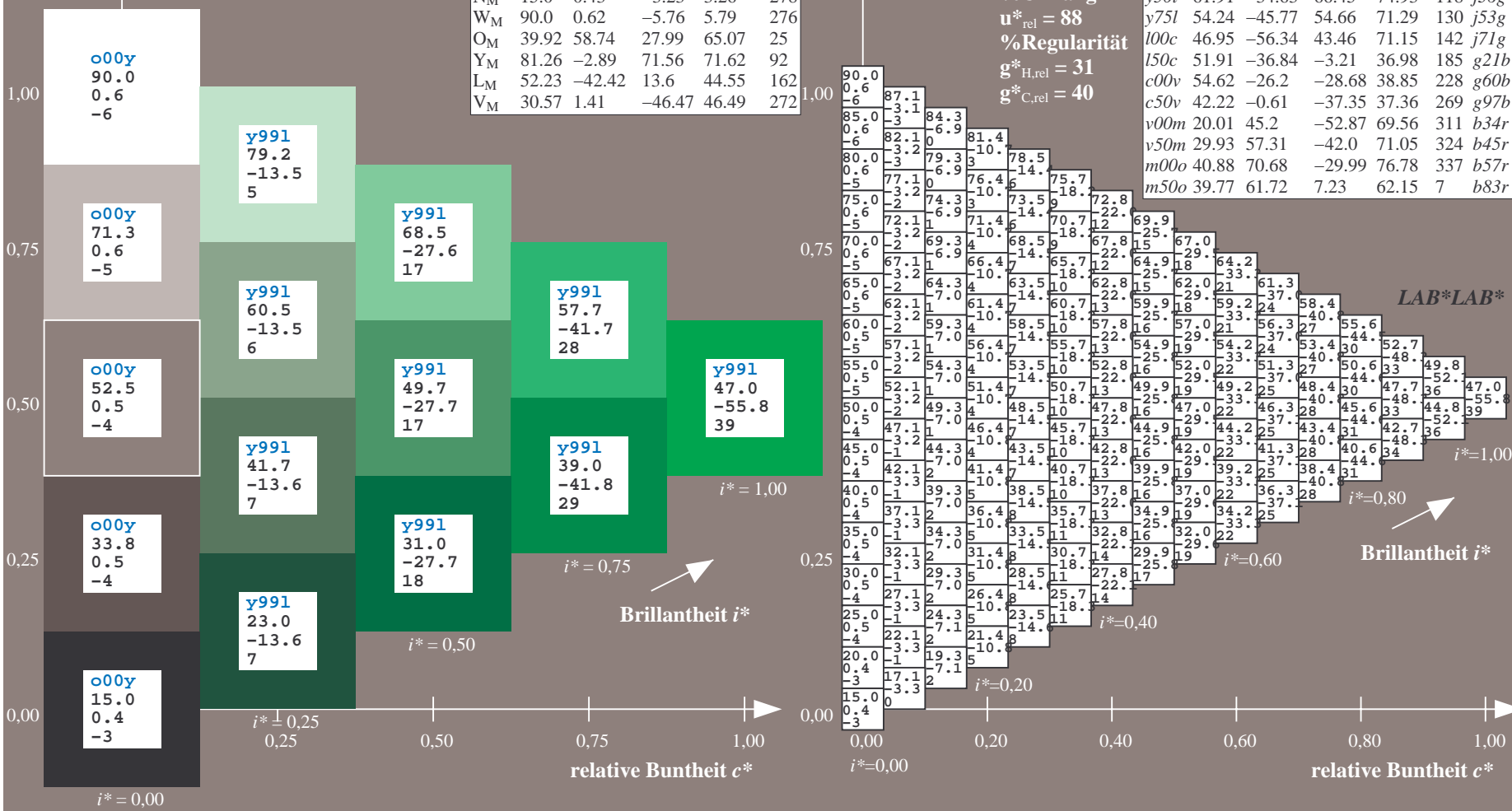
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.514$

Daten für jede Farbe:

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

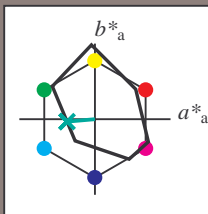
Bunttontexte:

$u^*_d = 150c$   $u^*_e = g21b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 52 -37 -3

$LAB^*LCH^*Ma$ : 52 37 184

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

$lab^*rgb^*Ma$ : 0.0 1.0 0.42

Dreiecks-Helligkeit  $t^*$

%Umfang

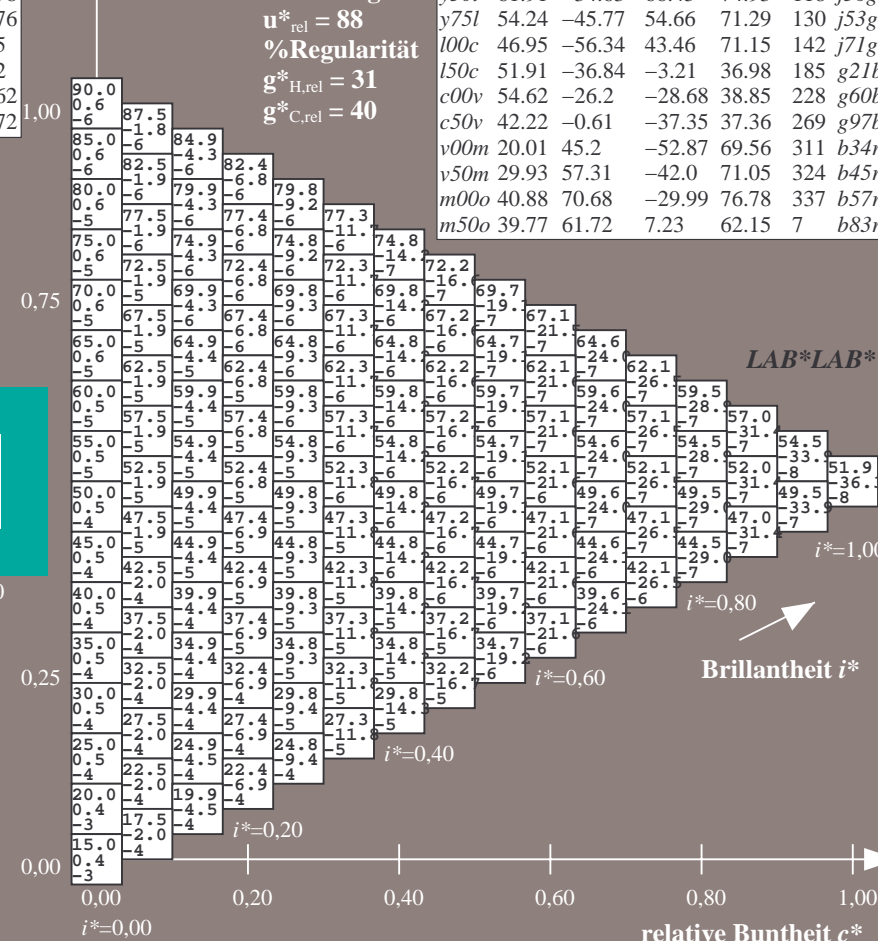
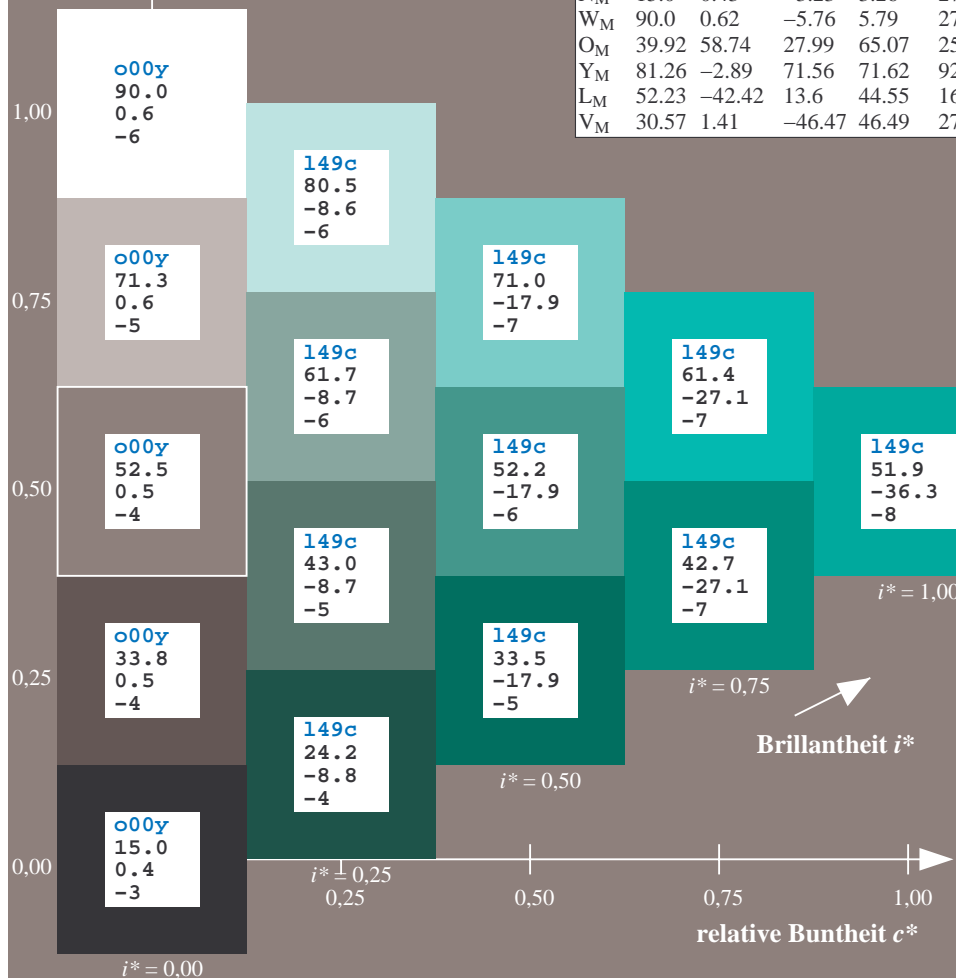
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$

Daten für jede Farbe:

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

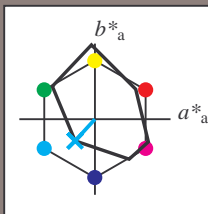
Bunttontexte:

$u^*_d = c00v$   $u^*_e = g60b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 55 -26 -29

$LAB^*LCH^*_{Ma}$ : 55 39 227

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

$lab^*rgb^*_{Ma}$ : 0.0 0.81 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*LAB^*$

$i^*=1.00$

$i^*=0.80$

Brillantheit  $i^*$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$

Daten für jede Farbe:

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

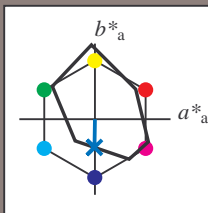
Bunttontexte:

$u^*_d = c50v$   $u^*_e = g97b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma: 42 -1 -37$

$LAB^*LCH^*Ma: 42 37 269$

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

$lab^*rgb^*Ma: 0.0 0.05 1.0$

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*LAB^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.863$

Daten für jede Farbe:

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

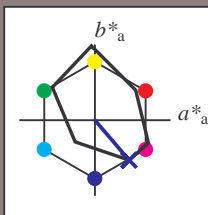
Bunttontexte:

$u^*_d = v00m$   $u^*_e = b34r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 20 45 -53

$LAB^*LCH^*Ma$ : 20 70 310

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

$lab^*rgb^*Ma$ : 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									
$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$

Daten für jede Farbe:

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

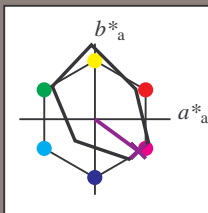
Bunttontexte:

$u^*_d = v50m$   $u^*_e = b45r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 30 57 -42

$LAB^*LCH^*Ma$ : 30 71 323

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

$lab^*rgb^*Ma$ : 0.91 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									
$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*LAB^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.936$

Daten für jede Farbe:

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

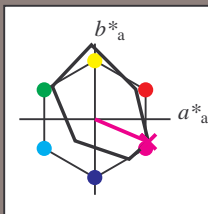
Bunttontexte:

$u^*_d = m00o$   $u^*_e = b57r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 41 71 -30

$LAB^*LCH^*Ma$ : 41 77 337

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

$lab^*rgb^*Ma$ : 1.0 0.0 0.85

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*LAB^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.019$

Daten für jede Farbe:

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

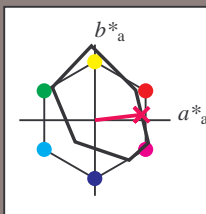
Bunttontexte:

$u^*_d = m50o$   $u^*_e = b83r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92M; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 40 62 7

$LAB^*LCH^*Ma$ : 40 62 6

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

$lab^*rgb^*Ma$ : 1.0 0.0 0.33

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg63/>; [www.ps.bam.de/Eg63/](http://www.ps.bam.de/Eg63/)  
Technische Information: <http://www.ps.bam.de/Version 2.1, io=1.1, ColSp=0>

BAM-Registrierung: 20081001-Eg63/10L/L63G00NP.PS/.PDF 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*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

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

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

Geräte-Bunttontext:

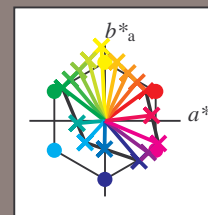
$u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%Umfang

$u^*_{rel} = 88$

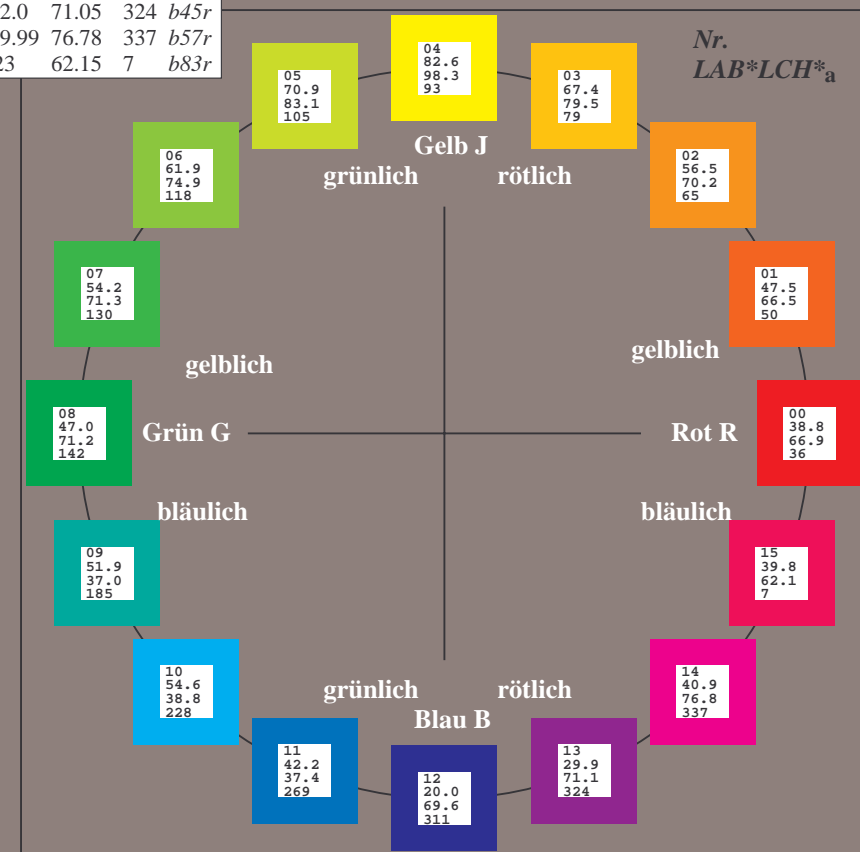
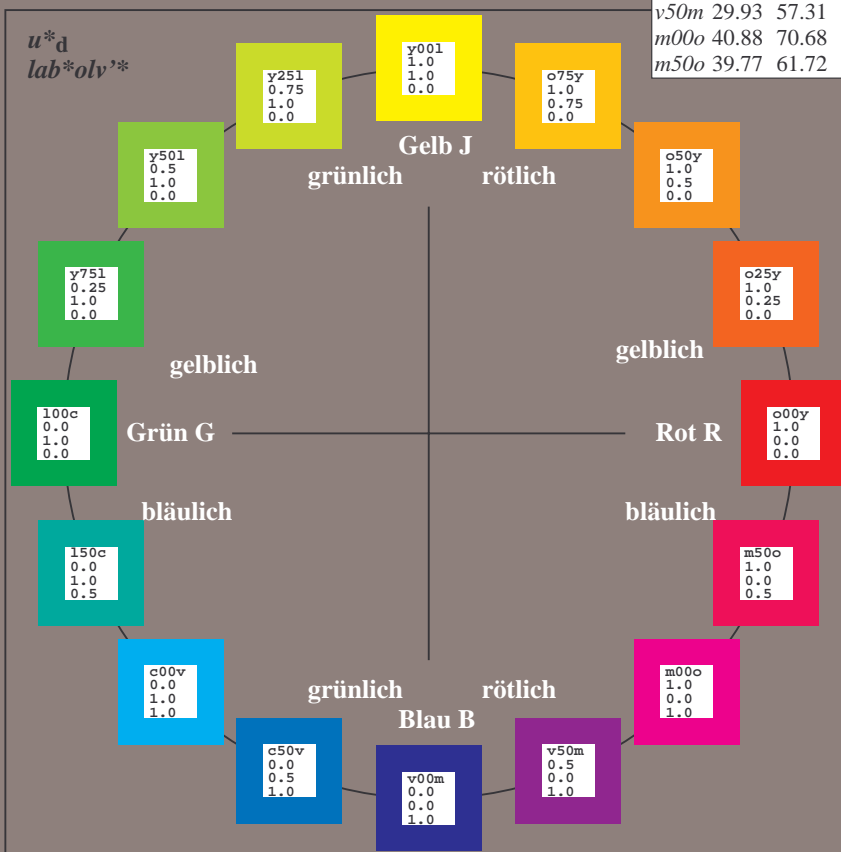
%Regularität

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

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

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
$O_{CIE}$	39.92	58.74	27.99	65.07	25
$Y_{CIE}$	81.26	-2.89	71.56	71.62	92
$L_{CIE}$	52.23	-42.42	13.6	44.55	162
$V_{CIE}$	30.57	1.41	-46.47	46.49	272



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$

Daten für jede Farbe:

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

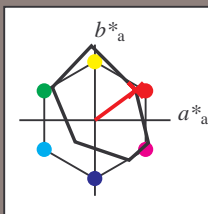
Bunttontexte:

$u^*_d = o00y$   $u^*_e = r16j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 54 40

$LAB^*LCH^*_{Ma}$ : 39 67 36

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

$lab^*rgb^*_{Ma}$ : 1.0 0.16 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

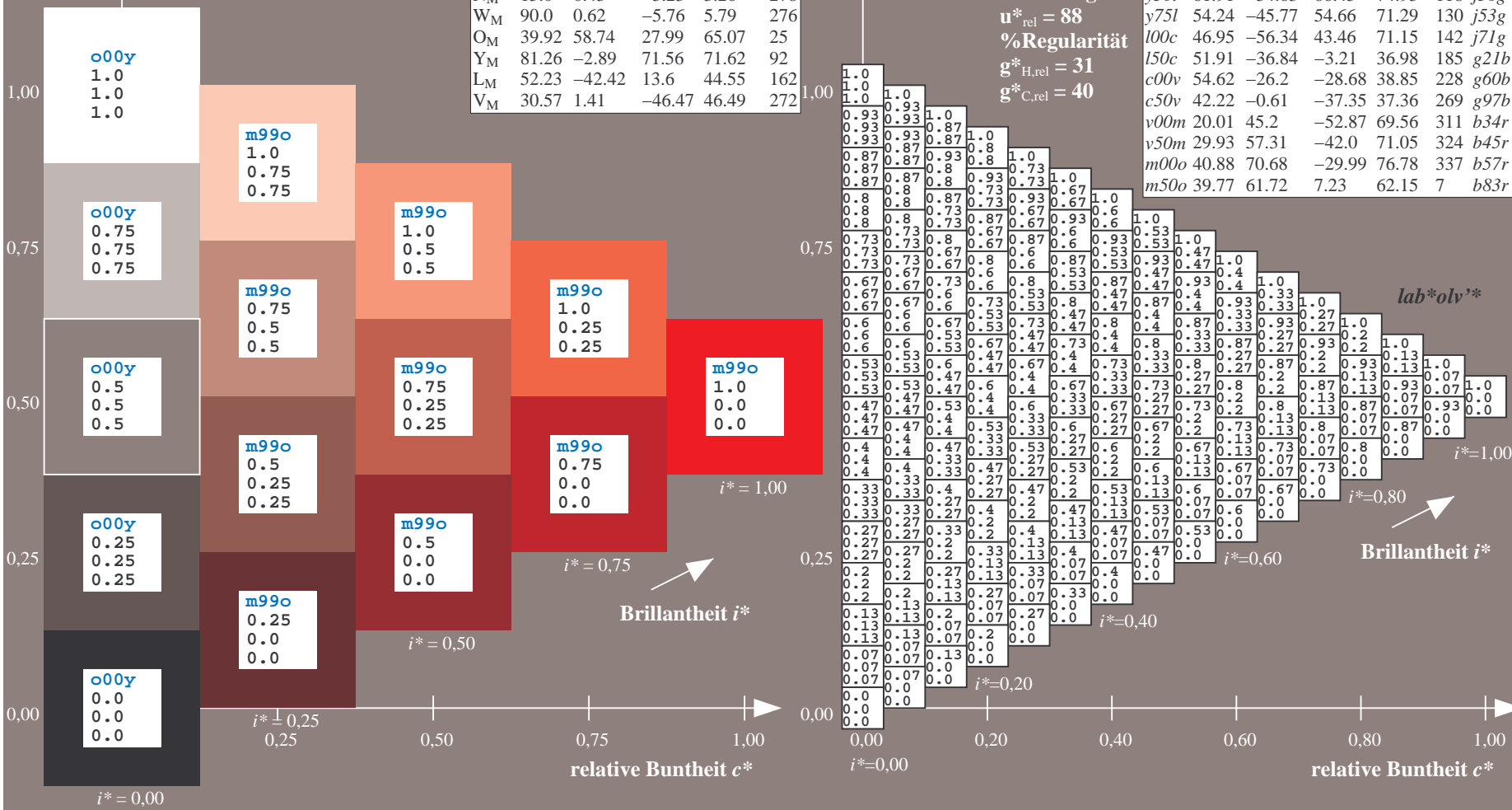
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

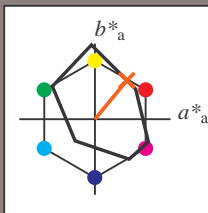
Bunttontexte:

$u^*_d = o25y$   $u^*_e = r37j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
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
O <sub>M</sub>	39.92	58.74	27.99	65.07	25
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 42 51

$LAB^*LCH^*_{Ma}$ : 47 66 50

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

$lab^*rgb^*_{Ma}$ : 1.0 0.37 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$

Daten für jede Farbe:

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

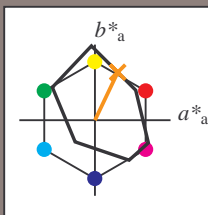
Bunttontexte:

$u^*_d = o50y$   $u^*_e = r58j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 57 30 63

$LAB^*LCH^*_{Ma}$ : 57 70 64

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

$lab^*rgb^*_{Ma}$ : 1.0 0.58 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

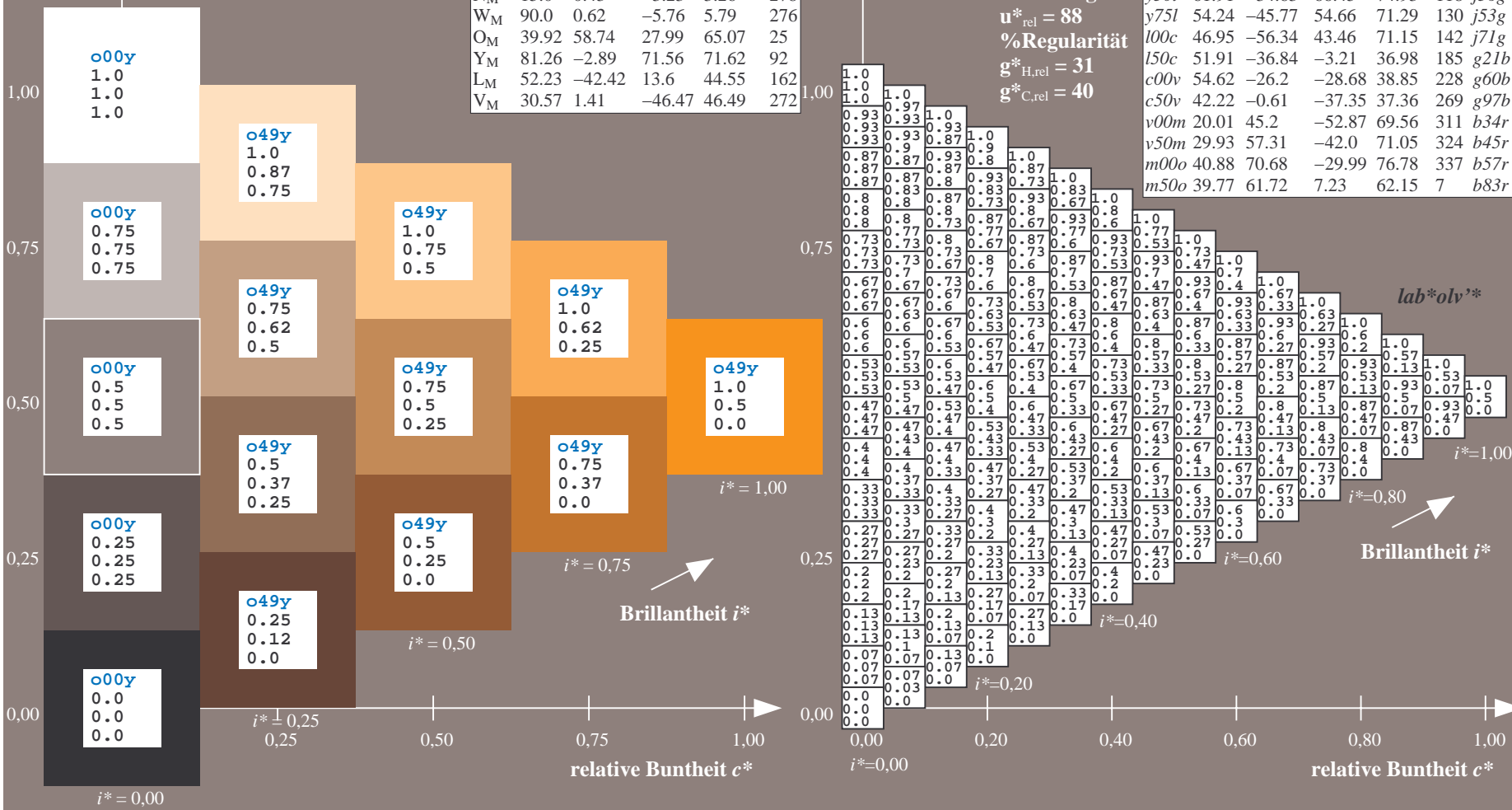
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$

Daten für jede Farbe:

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

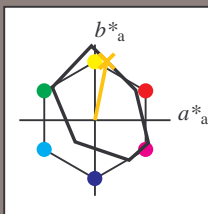
Bunttontexte:

$u^*_d = o75y$   $u^*_e = r79j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 16 78

$LAB^*LCH^*_{Ma}$ : 67 79 78

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$lab^*olv^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.258$

Daten für jede Farbe:

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

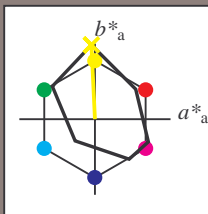
Bunttontexte:

$u^*_d = y00l$   $u^*_e = j0l1g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -5 98

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

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

$lab^*rgb^*_{Ma}$ : 0.99 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									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$lab^*olv^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.292$

Daten für jede Farbe:

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

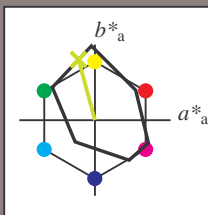
Bunttontexte:

$u^*_d = y25l$   $u^*_e = j18g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 71 -22 80

$LAB^*LCH^*_{Ma}$ : 71 83 105

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

$lab^*rgb^*_{Ma}$ : 0.82 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

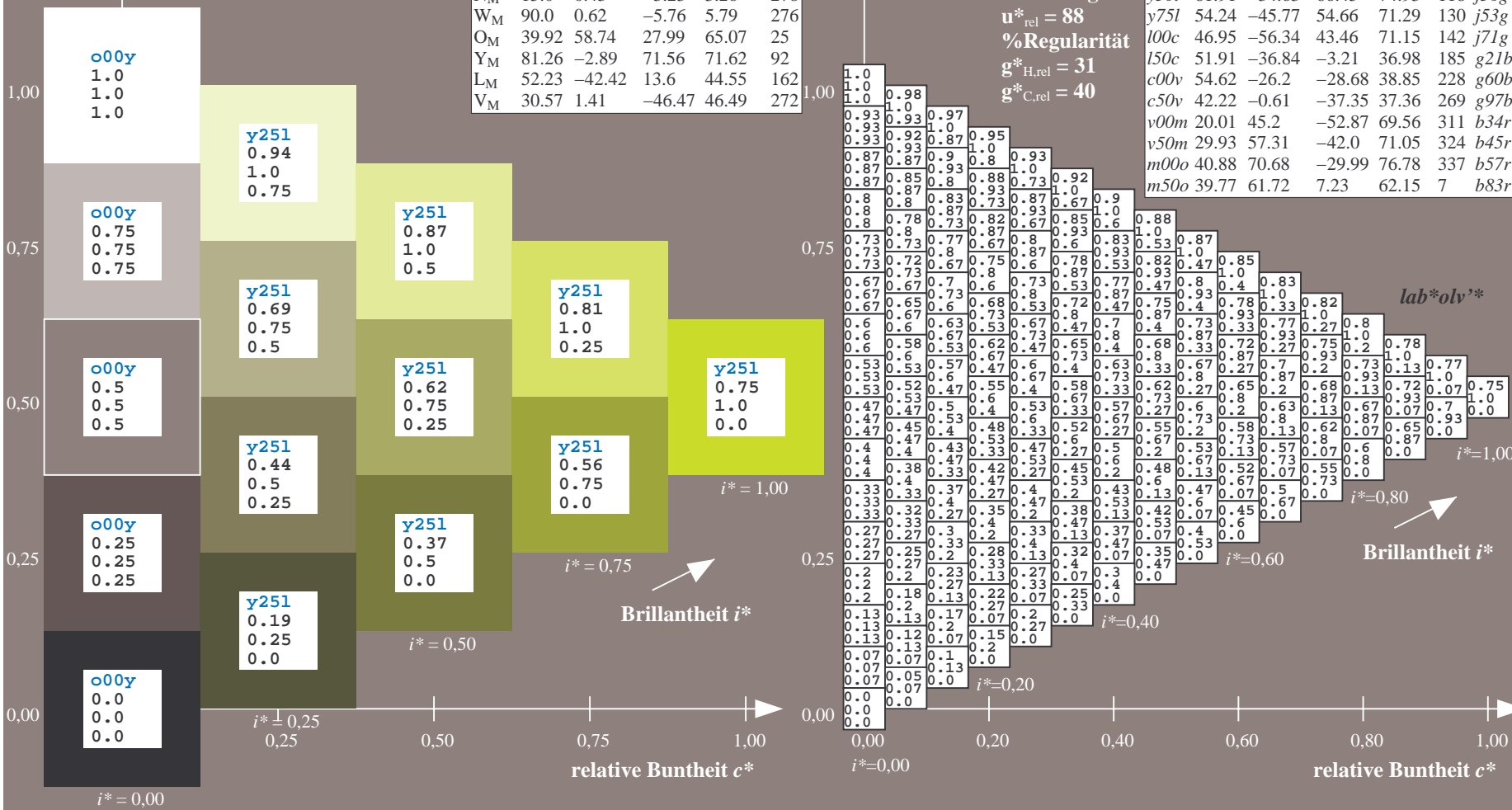
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg663/>; [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

BAM-Registrierung: 20081001-Eg63/10L/L63G00NP.PS/.PDF BAM-Material: Code=rha4ta  
- Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.326$

### Daten für jede Farbe:

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

## Bunttexte:

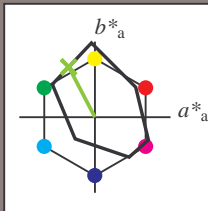
$$u_d^* = y50l \quad u_e^* = j36g$$

**Kontrastreduzierungsfaktor:**

 $c_D = 0.9$ 

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

## Dricks-Hemigken



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	167	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	279	

### Daten für Maximalfarbe (Ma):

*LAB\*LAB\**M<sub>0</sub>: 62 –35 66

LAD\*LGH\* 62 55 115

**LAB\*LCH\*Ma: 62 75 1**

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

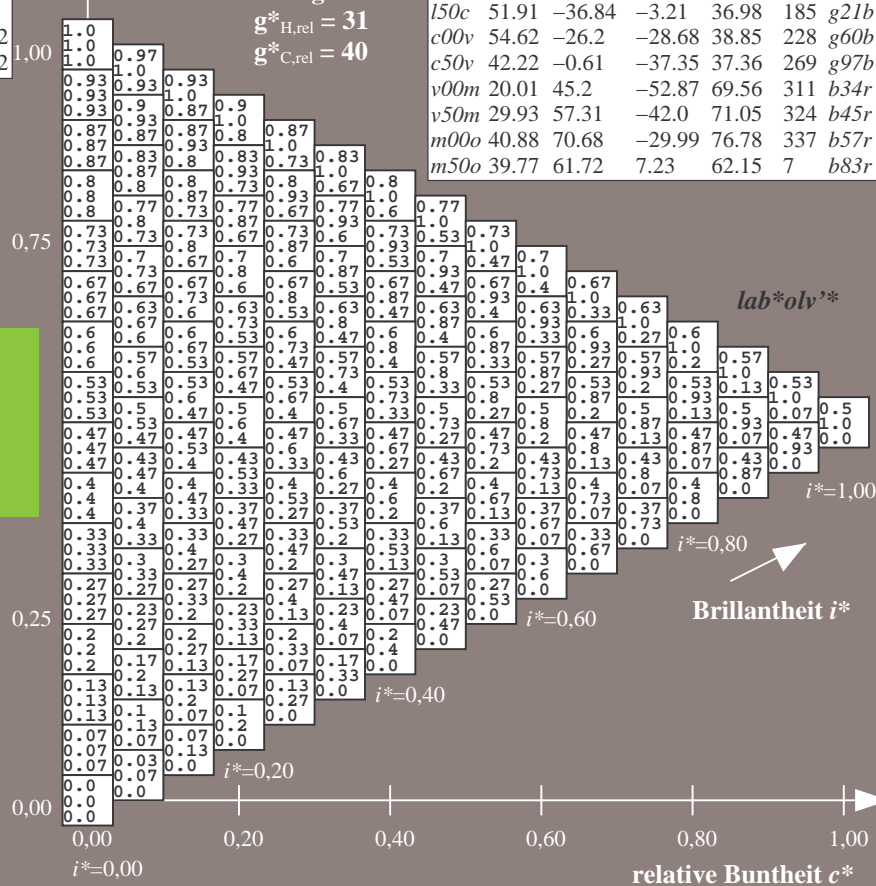
*lab\*rgb*<sub>Ma</sub>: 0.64 1.0 0.0

### Dreiecks-Helligkeit $t^*$

## %Umfang

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

**%Regular**

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


## Brilliantheit i\*

## Discussion

0,80 1,0

## Relative Buntheit $c^*$

BAM-Prüfvorlage Eg63: Farbmatrik-Systeme. Seite 170/198    Eingabe: 000n / w / nnn0 / www set...

D65: Farbreihen, Datentabellen für 16 Bunttöne *o00v* bis *m75o*Ausgabe: `->cmv0* setcmvcolor`

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.361$

Daten für jede Farbe:

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

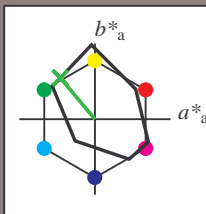
Bunttontexte:

$u^*_d = y75l$   $u^*_e = j53g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
	$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -46 55

$LAB^*LCH^*_{Ma}$ : 54 71 129

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

$lab^*rgb^*_{Ma}$ : 0.46 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

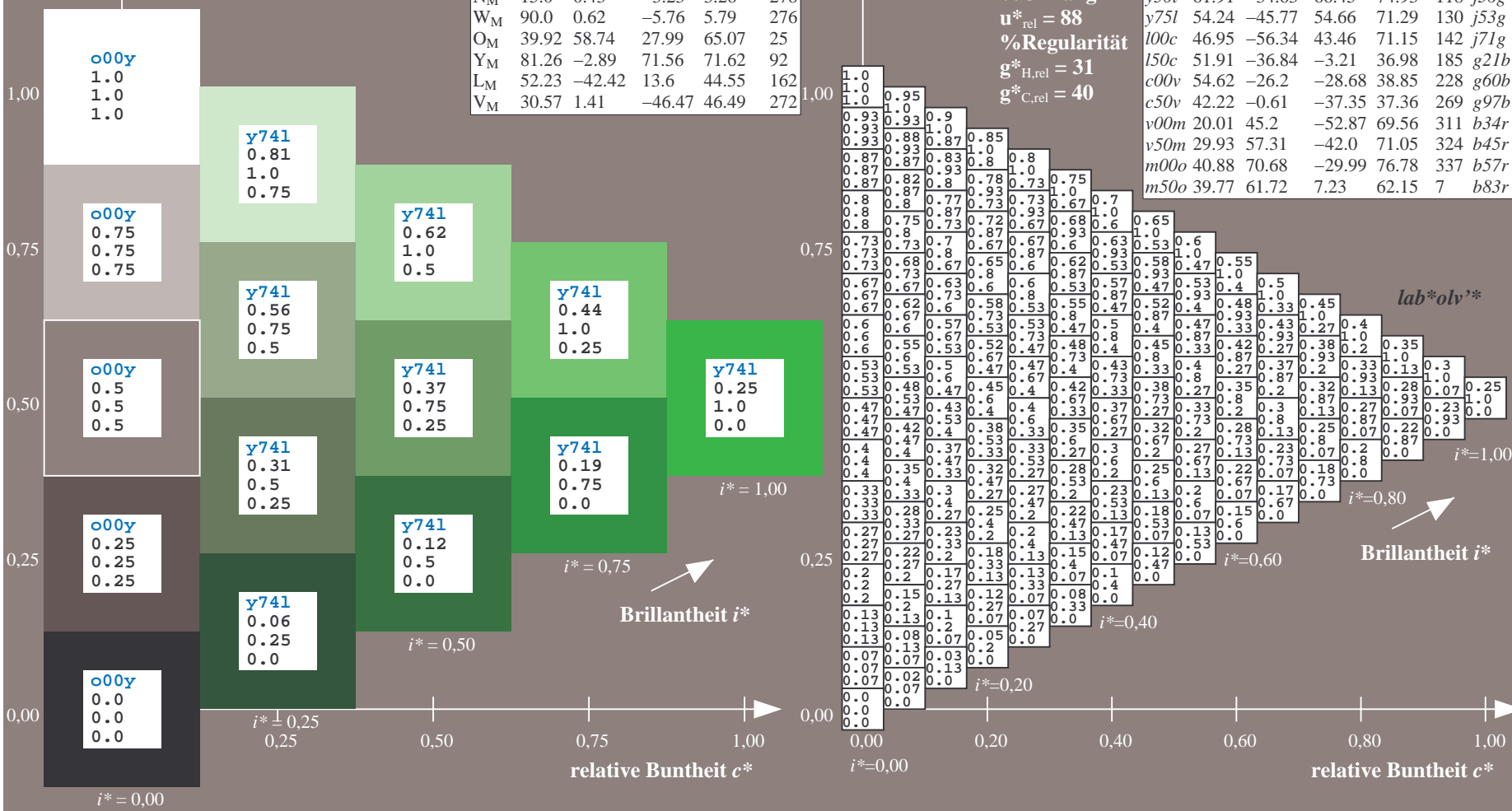
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$		
o00y	38.8	53.92	39.68	66.95	36			r16j	
o25y	47.46	42.34	51.25	66.48	50			r37j	
o50y	56.54	30.2	63.39	70.22	65			r58j	
o75y	67.39	15.68	77.9	79.47	79			r79j	
y00l	82.58	-4.64	98.22	98.33	93			j01g	
y25l	70.85	-21.66	80.19	83.07	105			j18g	
y50l	61.91	-34.63	66.45	74.93	118			j36g	
y75l	54.24	-45.77	54.66	71.29	130			j53g	
l00c	46.95	-56.34	43.46	71.15	142			j71g	
l50c	51.91	-36.84	-3.21	36.98	185			g21b	
c00v	54.62	-26.2	-28.68	38.85	228			g60b	
c50v	42.22	-0.61	-37.35	37.36	269			g97b	
v00m	20.01	45.2	-52.87	69.56	311			b34r	
v50m	29.93	57.31	-42.0	71.05	324			b45r	
m00o	40.88	70.68	-29.99	76.78	337			b57r	
m50o	39.77	61.72	7.23	62.15	7			b83r	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.395$

Daten für jede Farbe:

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

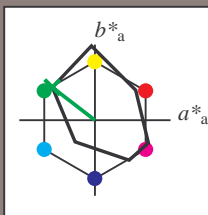
Bunttontexte:

$u^*_d = 100c$   $u^*_e = j71g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -56 43

$LAB^*LCH^*_{Ma}$ : 47 71 142

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

$lab^*rgb^*_{Ma}$ : 0.28 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

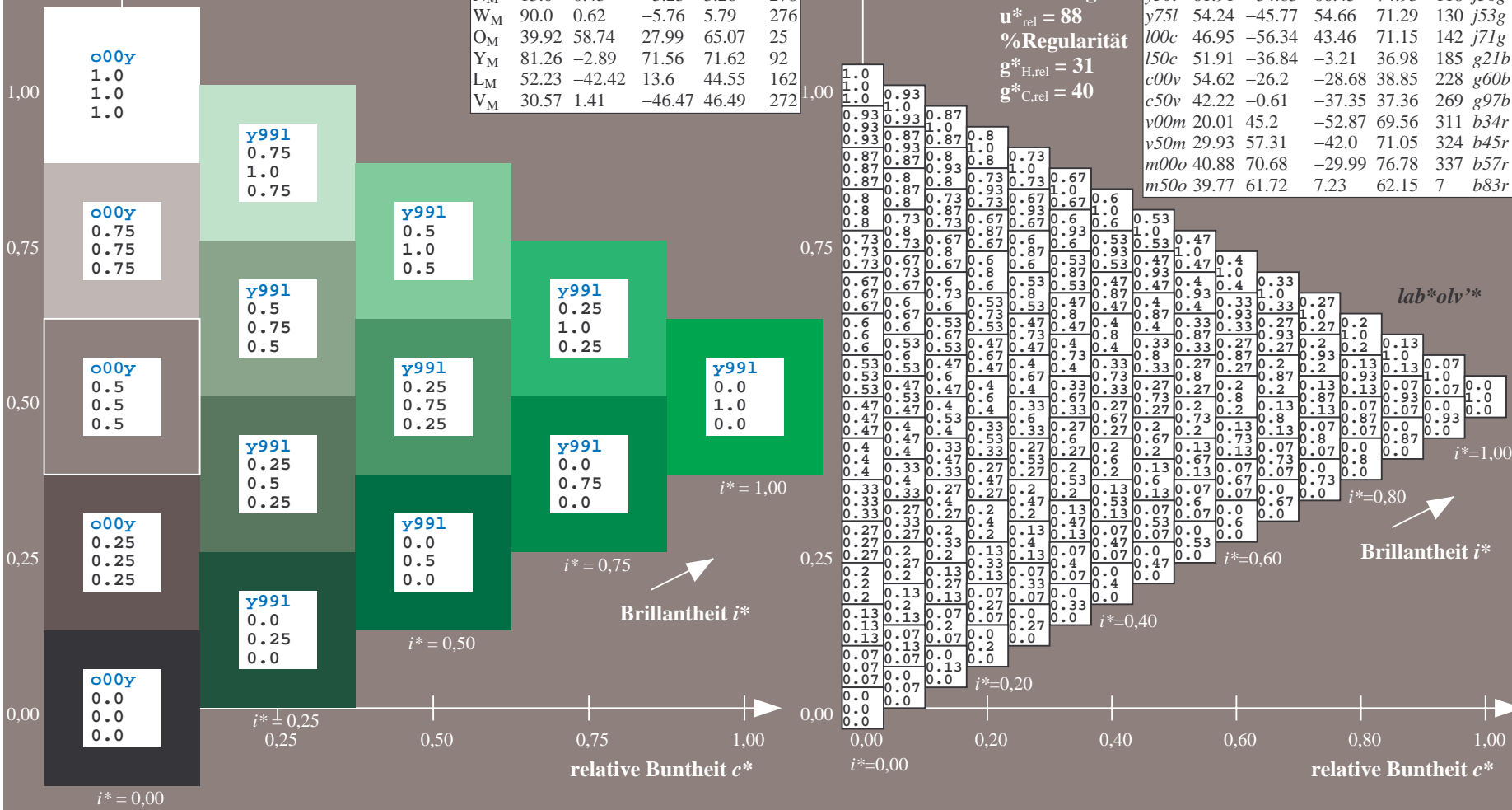
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.514$

Daten für jede Farbe:

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

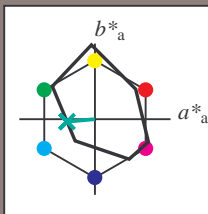
Bunttontexte:

$u^*_d = l50c$   $u^*_e = g21b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -37 -3

$LAB^*LCH^*_{Ma}$ : 52 37 184

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

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.42

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$

Daten für jede Farbe:

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

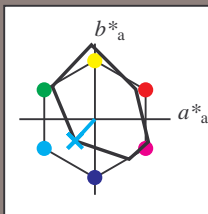
Bunttontexte:

$u^*_d = c00v$   $u^*_e = g60b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 55 -26 -29

$LAB^*LCH^*_{Ma}$ : 55 39 227

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

$lab^*rgb^*_{Ma}$ : 0.0 0.81 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

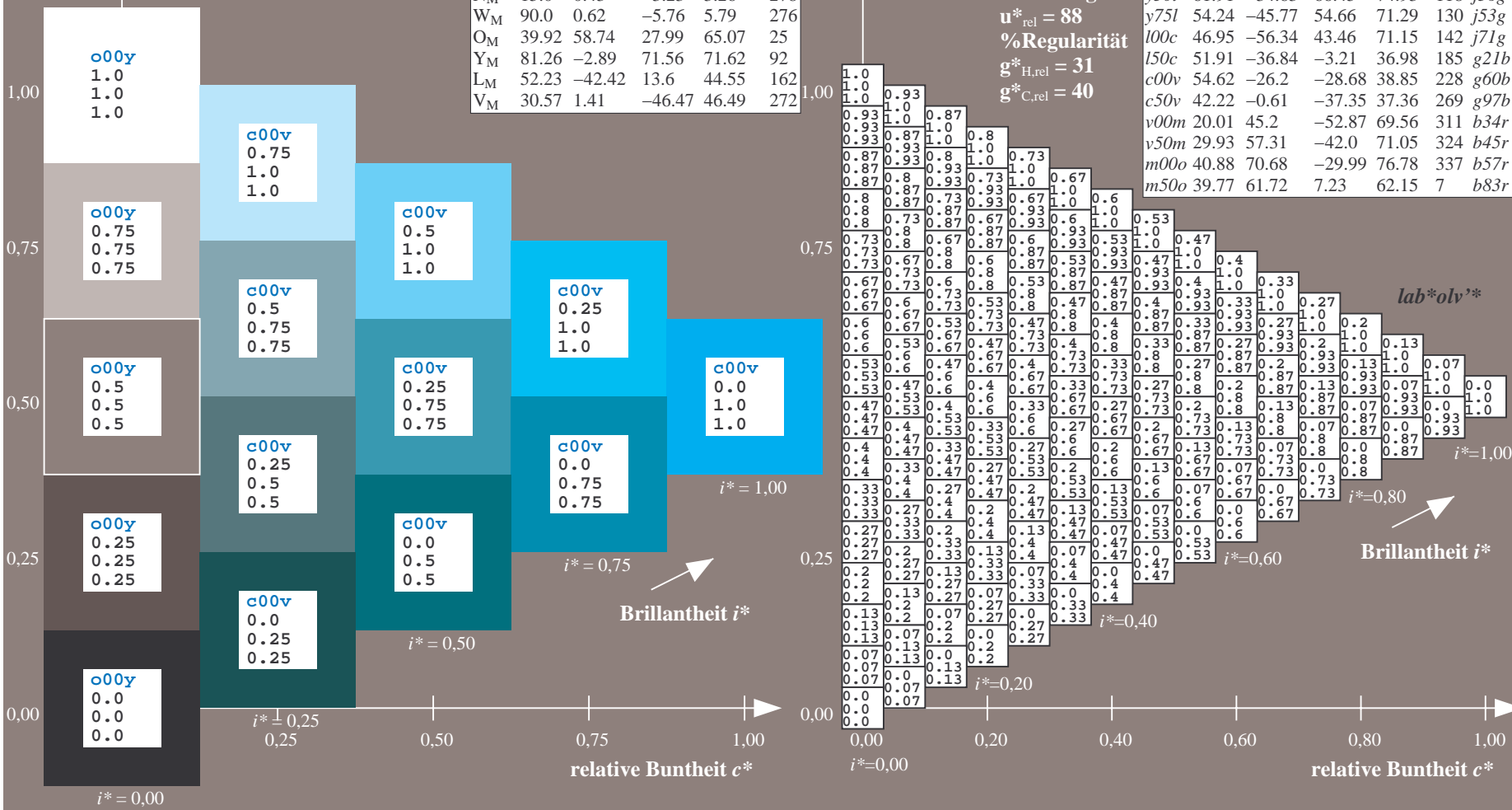
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$

Daten für jede Farbe:

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

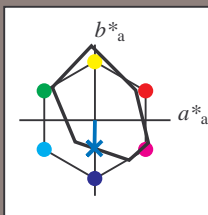
Bunttontexte:

$u^*_d = c50v$   $u^*_e = g97b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 -1 -37

$LAB^*LCH^*_{Ma}$ : 42 37 269

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

$lab^*rgb^*_{Ma}$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

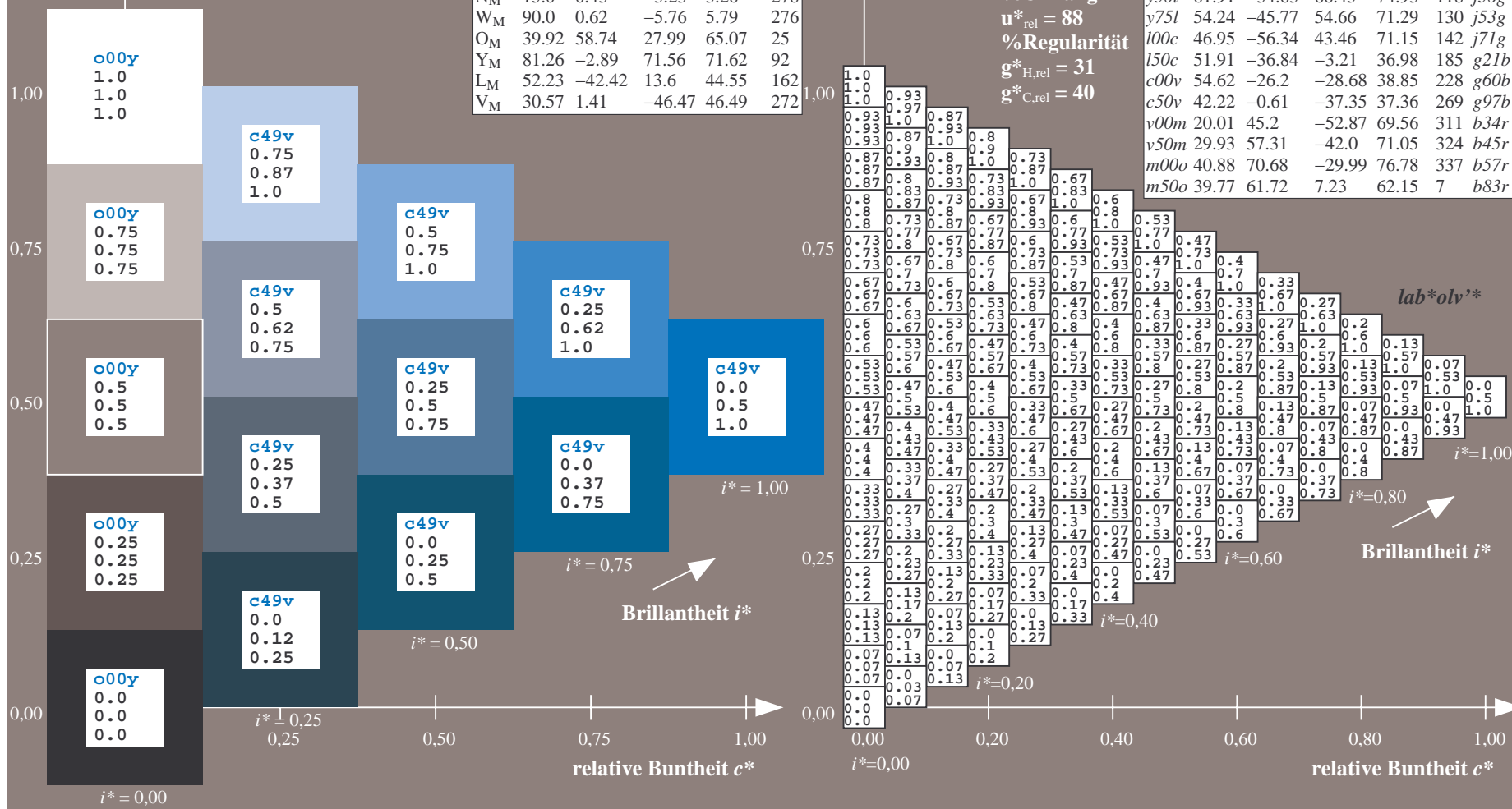
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.863$

Daten für jede Farbe:

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

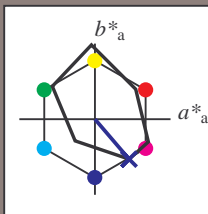
Bunttontexte:

$u^*_d = v00m$   $u^*_e = b34r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 20 45 -53

$LAB^*LCH^*_{Ma}$ : 20 70 310

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

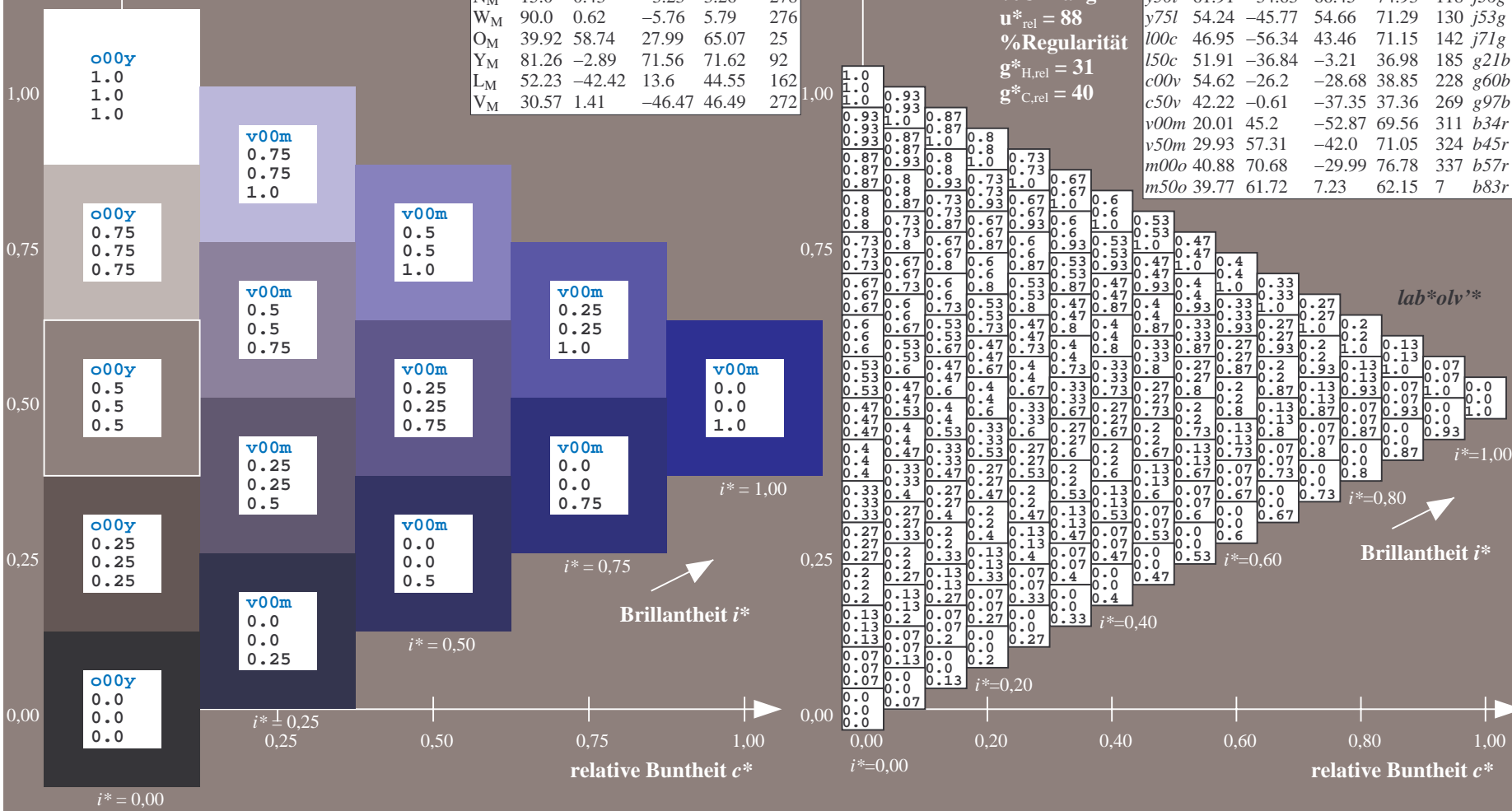
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$

Daten für jede Farbe:

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

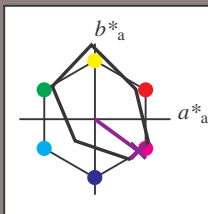
Bunttontexte:

$u^*_d = v50m$   $u^*_e = b45r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 57 -42

$LAB^*LCH^*_{Ma}$ : 30 71 323

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

$lab^*rgb^*_{Ma}$ : 0.91 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

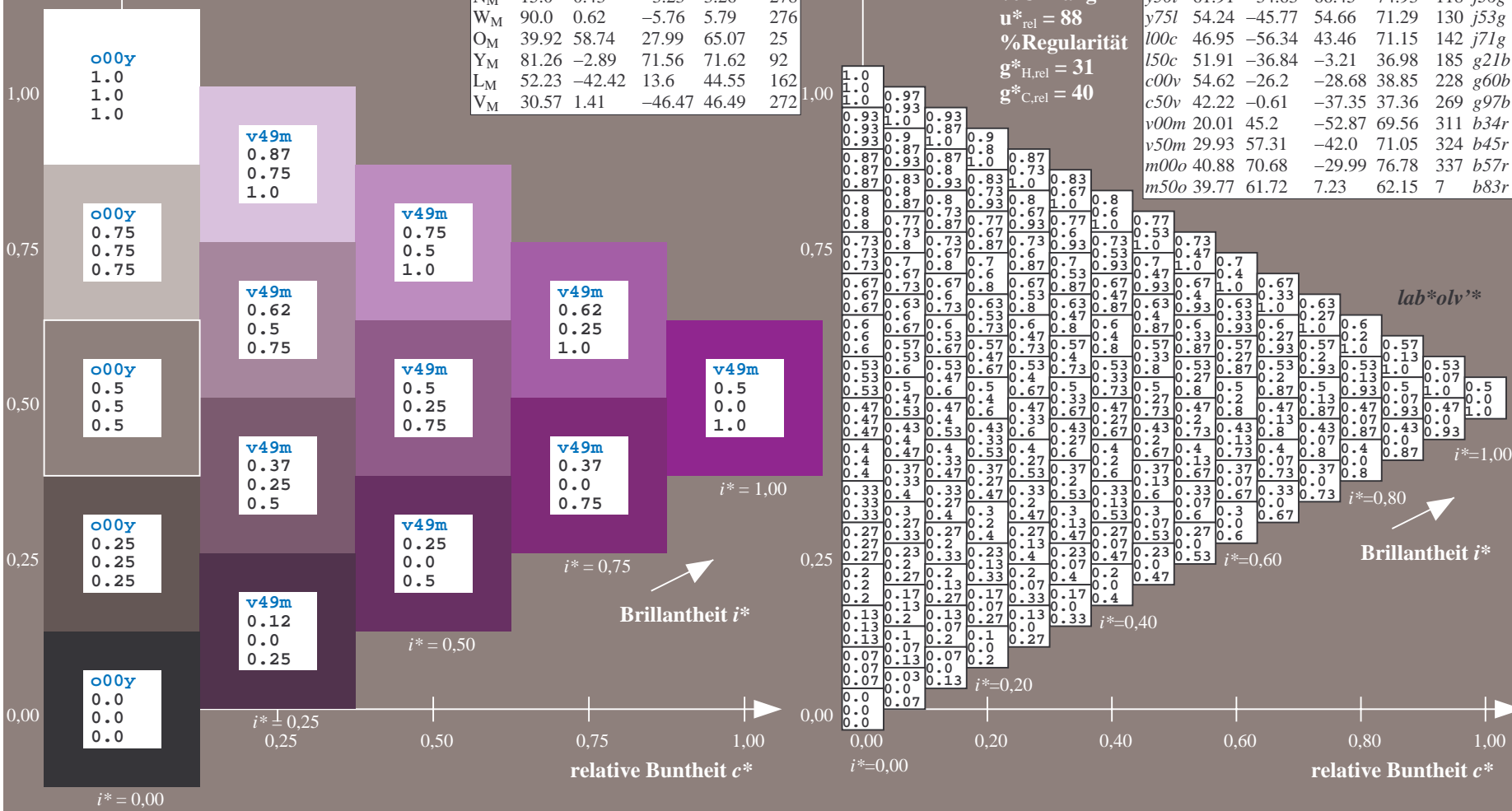
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.936$

Daten für jede Farbe:

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

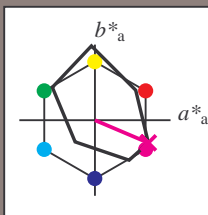
Bunttontexte:

$u^*_d = m00o$   $u^*_e = b57r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 71 -30

$LAB^*LCH^*_{Ma}$ : 41 77 337

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.85

Dreiecks-Helligkeit  $i^*$

%Umfang

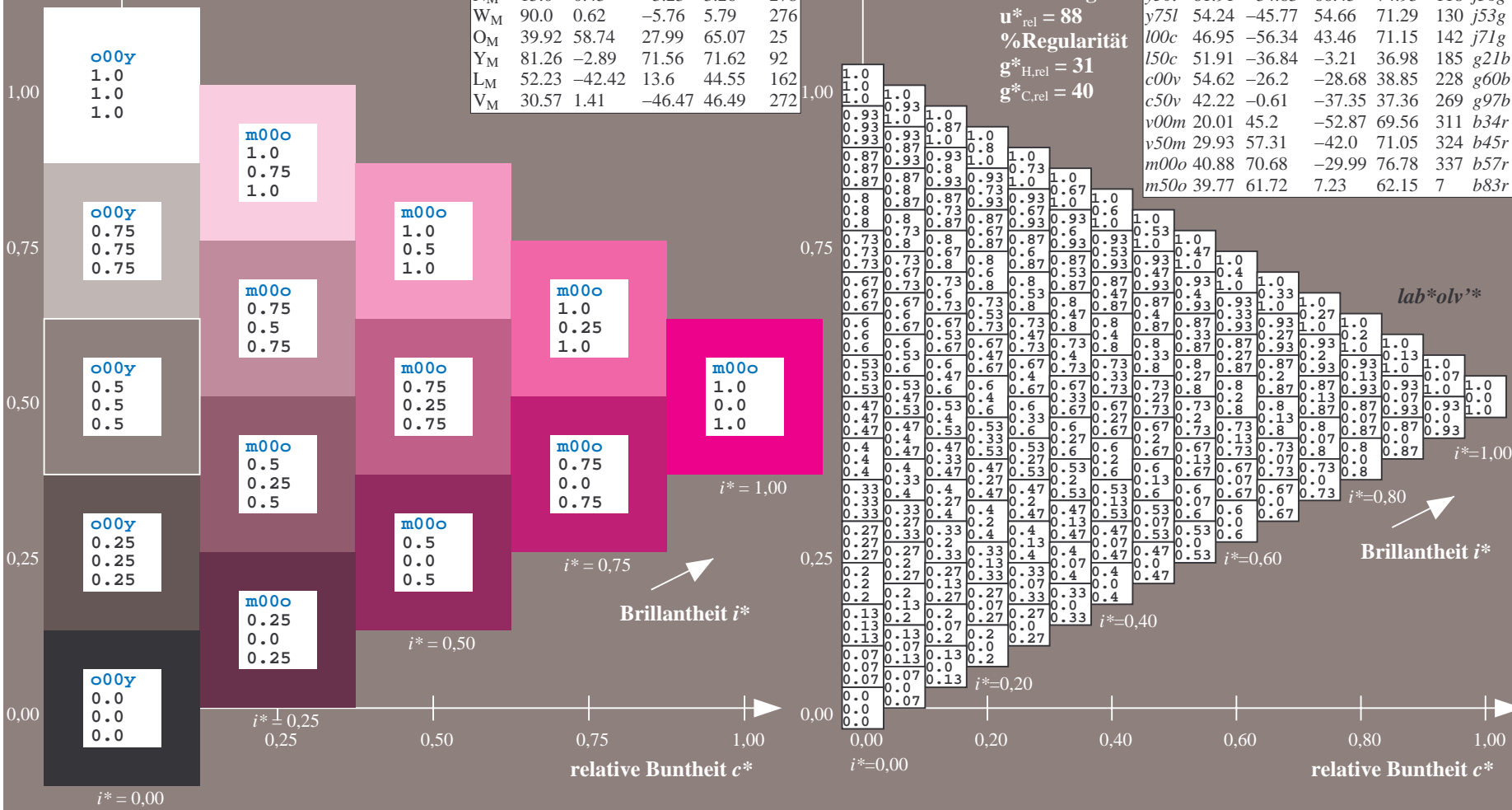
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.019$

Daten für jede Farbe:

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

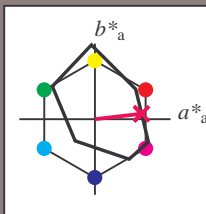
Bunttontexte:

$u^*_d = m50o$   $u^*_e = b83r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 62 7

$LAB^*LCH^*_{Ma}$ : 40 62 6

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.33

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

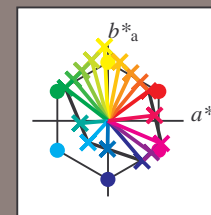
Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg63/>; [www.ps.bam.de/Eg63/](http://www.ps.bam.de/Eg63/); [www.ps.bam.de/Eg63/](http://www.ps.bam.de/Eg63/)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, ColSp=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,%20ColSp=0)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*oly**						
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0		
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	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	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13	0.13		
	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	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	0.25		
	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	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25			
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38	0.38	0.38			
	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	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	0.38	0.38		
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	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		
	0.0	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	0.5	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	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	0.5	0.5		
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63	0.63		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63	0.63		
	0.63	0.63	0.63	0.63	0.63	0.63	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	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63	0.63		
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.75	0.75	0.75	0.75	0.75	0.75		
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75	0.75	0.75		
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.88	0.88	0.88	0.88	0.88	0.88			
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.88	0.88	0.88	0.88	0.88	0.88		
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88	0.88	0.88		
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	1.0	1.0	1.0	1.0	1.0	1.0		
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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	1.0			
10	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0		
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0
11	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.07	0.07	0.07	0.07	0.07		
	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.07	0.07	0.07	0.07	0.07	0.07	
	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.07	0.07	0.07	0.07	0.07	0.07		
12	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13	0.13	0.13		
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0																	

BAM-Registrierung: 20081001-Eg63/10L/L63G00NP.PS/.PDF BAM-Material: Code=th4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

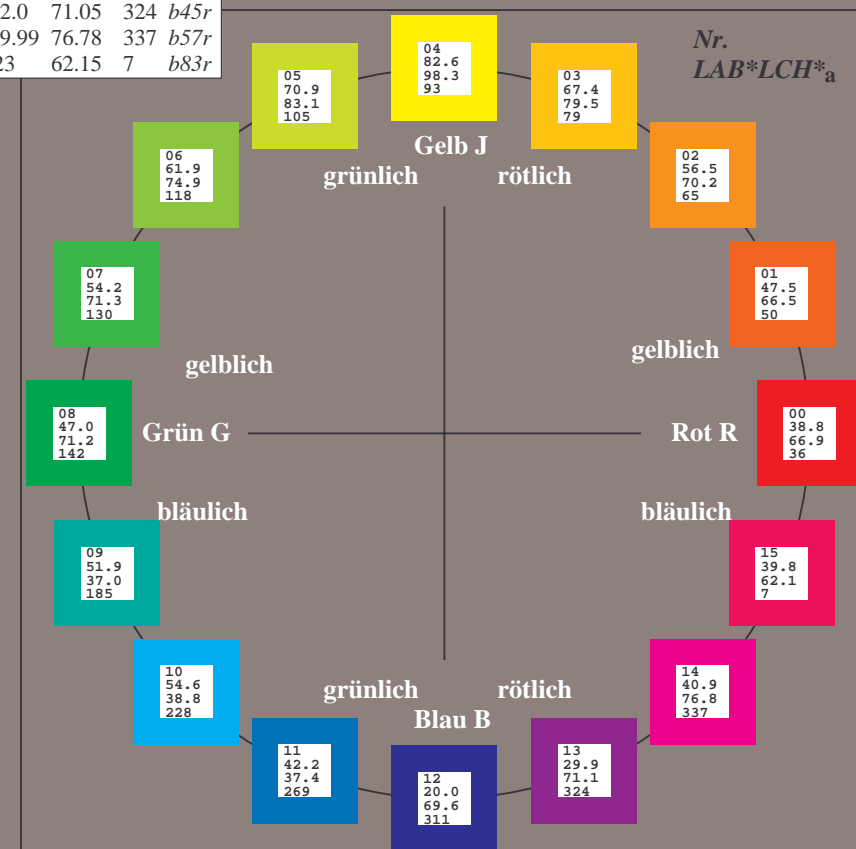
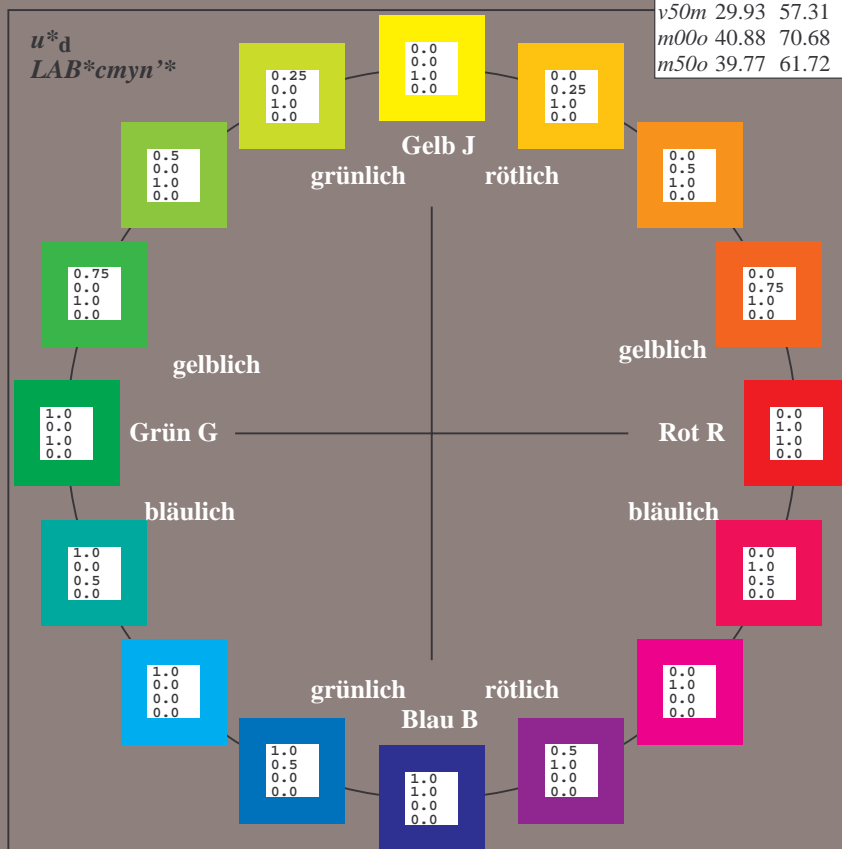
Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

FRS09_92aM; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.8	53.92	39.68	66.95	36	$r16j$
$o25y$	47.46	42.34	51.25	66.48	50	$r37j$
$o50y$	56.54	30.2	63.39	70.22	65	$r58j$
$o75y$	67.39	15.68	77.9	79.47	79	$r79j$
$y00l$	82.58	-4.64	98.22	98.33	93	$j01g$
$y25l$	70.85	-21.66	80.19	83.07	105	$j18g$
$y50l$	61.91	-34.63	66.45	74.93	118	$j36g$
$y75l$	54.24	-45.77	54.66	71.29	130	$j53g$
$l00c$	46.95	-56.34	43.46	71.15	142	$j71g$
$l50c$	51.91	-36.84	-3.21	36.98	185	$g21b$
$c00v$	54.62	-26.2	-28.68	38.85	228	$g60b$
$c50v$	42.22	-0.61	-37.35	37.36	269	$g97b$
$v00m$	20.01	45.2	-52.87	69.56	311	$b34r$
$v50m$	29.93	57.31	-42.0	71.05	324	$b45r$
$m00o$	40.88	70.68	-29.99	76.78	337	$b57r$
$m50o$	39.77	61.72	7.23	62.15	7	$b83r$



%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
$O_{CIE}$	39.92	58.74	27.99	65.07	25
$Y_{CIE}$	81.26	-2.89	71.56	71.62	92
$L_{CIE}$	52.23	-42.42	13.6	44.55	162
$V_{CIE}$	30.57	1.41	-46.47	46.49	272





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab \cdot h^* = h_{ab}/360 = 0.101$

Daten für jede Farbe:

$lab \cdot tch^*$  und  $lab \cdot icu^*$

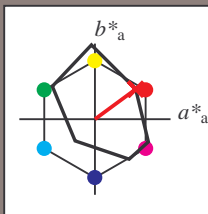
Bunttontexte:

$u^*_d = o00y$   $u^*_e = r16j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB \cdot LAB \cdot Ma$ : 39 54 40

$LAB \cdot LCH \cdot Ma$ : 39 67 36

$lab \cdot olv \cdot Ma$ : 1.0 0.0 0.0

$lab \cdot rgb \cdot Ma$ : 1.0 0.16 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
<i>o00y</i>	38.8	53.92	39.68	66.95	36	<i>r16j</i>			
<i>o25y</i>	47.46	42.34	51.25	66.48	50	<i>r37j</i>			
<i>o50y</i>	56.54	30.2	63.39	70.22	65	<i>r58j</i>			
<i>o75y</i>	67.39	15.68	77.9	79.47	79	<i>r79j</i>			
<i>y00l</i>	82.58	-4.64	98.22	98.33	93	<i>j01g</i>			
<i>y25l</i>	70.85	-21.66	80.19	83.07	105	<i>j18g</i>			
<i>y50l</i>	61.91	-34.63	66.45	74.93	118	<i>j36g</i>			
<i>y75l</i>	54.24	-45.77	54.66	71.29	130	<i>j53g</i>			
<i>l00c</i>	46.95	-56.34	43.46	71.15	142	<i>j71g</i>			
<i>l50c</i>	51.91	-36.84	-3.21	36.98	185	<i>g21b</i>			
<i>c00v</i>	54.62	-26.2	-28.68	38.85	228	<i>g60b</i>			
<i>c50v</i>	42.22	-0.61	-37.35	37.36	269	<i>g97b</i>			
<i>v00m</i>	20.01	45.2	-52.87	69.56	311	<i>b34r</i>			
<i>v50m</i>	29.93	57.31	-42.0	71.05	324	<i>b45r</i>			
<i>m00o</i>	40.88	70.68	-29.99	76.78	337	<i>b57r</i>			
<i>m50o</i>	39.77	61.72	7.23	62.15	7	<i>b83r</i>			

$LAB \cdot cmy \cdot n^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

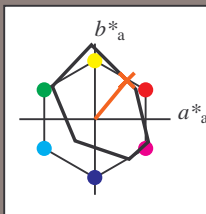
Bunttontexte:

$u^*_d = o25y$   $u^*_e = r37j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten					
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
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
O <sub>M</sub>	39.92	58.74	27.99	65.07	25
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 42 51

$LAB^*LCH^*_{Ma}$ : 47 66 50

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

$lab^*rgb^*_{Ma}$ : 1.0 0.37 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
o00y	38.8	53.92	39.68	66.95	36	r16j	
o25y	47.46	42.34	51.25	66.48	50	r37j	
o50y	56.54	30.2	63.39	70.22	65	r58j	
o75y	67.39	15.68	77.9	79.47	79	r79j	
y00l	82.58	-4.64	98.22	98.33	93	j01g	
y25l	70.85	-21.66	80.19	83.07	105	j18g	
y50l	61.91	-34.63	66.45	74.93	118	j36g	
y75l	54.24	-45.77	54.66	71.29	130	j53g	
l00c	46.95	-56.34	43.46	71.15	142	j71g	
l50c	51.91	-36.84	-3.21	36.98	185	g21b	
c00v	54.62	-26.2	-28.68	38.85	228	g60b	
c50v	42.22	-0.61	-37.35	37.36	269	g97b	
v00m	20.01	45.2	-52.87	69.56	311	b34r	
v50m	29.93	57.31	-42.0	71.05	324	b45r	
m00o	40.88	70.68	-29.99	76.78	337	b57r	
m50o	39.77	61.72	7.23	62.15	7	b83r	

$LAB^*cmyn^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$

Daten für jede Farbe:

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

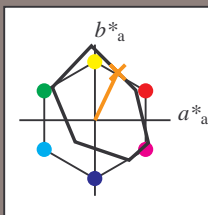
Bunttontexte:

$u^*_d = o50y$   $u^*_e = r58j$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 57 30 63

$LAB^*LCH^*_{Ma}$ : 57 70 64

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

$lab^*rgb^*_{Ma}$ : 1.0 0.58 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*cmy^n^*$

$i^*=1.00$

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: Farbmétrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$

### Daten für jede Farbe:

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

### Bunttexte:

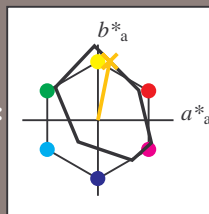
$$u_d^* = 0.75y \quad u_e^* = 0.79j$$

**Kontrastreduzierungsfaktor:**

 $c_D = 0.9$ 

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

**Dricks-Hemgken &**



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	167	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	273	

**Daten für Maximalfarbe (Ma):**

*LAB\*LAB\*Mo: 67 16 78*

LAD\*LCII\* 67 70 70

**LAB\*LCH\*Ma: 67 79 78**

*lab\*olv\**Ma: 1.0 0.75 0.0

*lab\*rgb\*\_M<sub>a</sub>*: 1.0 0.8 0.0

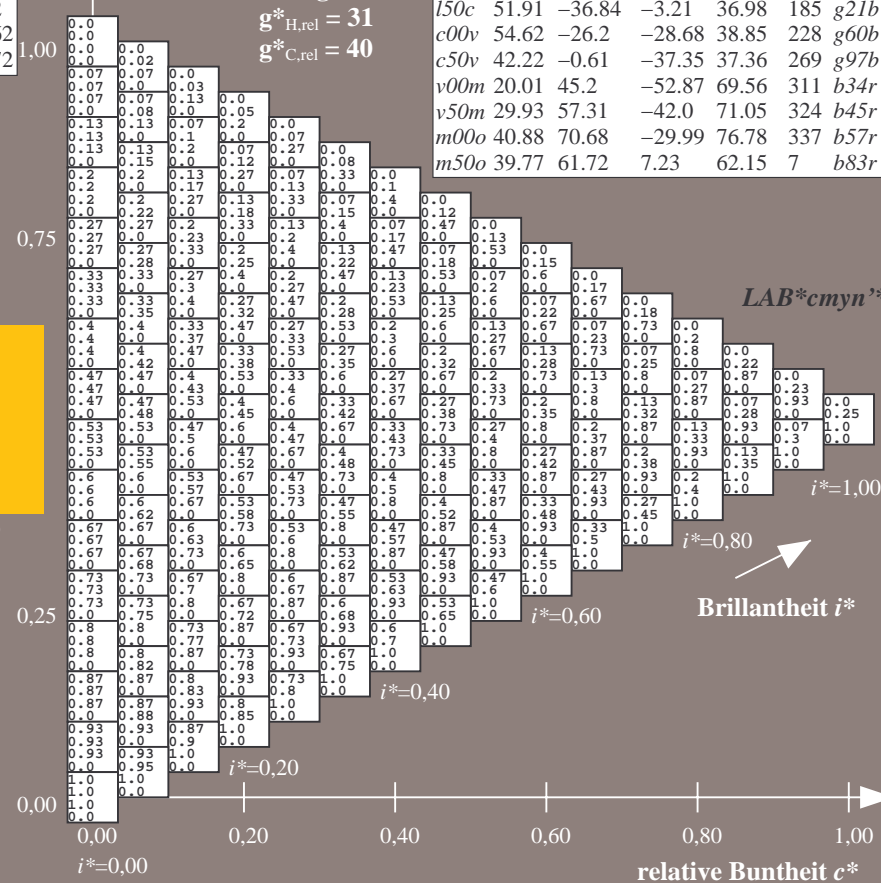
### Dreiecks-Helligkeit $t^*$

**Dricks-Hemgken**

## %Umfang

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

**%Regular:**

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


*LAB\*cmyn'*

$$i^*=1,00$$

## Brilliantheit i\*

relative Buntheit  $c^*$ 

BAM-Prüfvorlage Eg63; Farbmimetrik-Systeme, Seite 185/198    Eingabe: 000n / w / nnn0 / www set..

D65: Farbreihen, Datentabellen für 16 Bunttöne *o00y* bis *m75o*Ausgabe:  $\rightarrow cmy0^* setcmykcolor$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg63/>; [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, Col\$px=0

BAM-Registrierung: 20081001-Eg63/10L/L63G00NP.PS/.PDF BAM-Material: Code=rh4ta4  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$

Daten für jede Farbe:

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

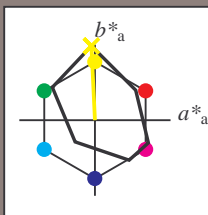
Bunttontexte:

$u^*_d = y00l$   $u^*_e = j01g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 83 -5 98

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

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

$lab^*rgb^*_{Ma}$ : 0.99 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									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*cmyn^*$

$i^*=1.00$

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  $h^* = lab \cdot h^* = h_{ab}/360 = 0.292$

Daten für jede Farbe:

$lab \cdot tch^*$  und  $lab \cdot icu^*$

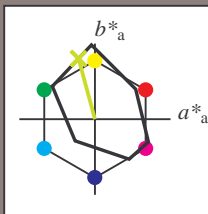
Bunttontexte:

$u^*_d = y25l$   $u^*_e = j18g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB \cdot LAB \cdot Ma$ : 71 -22 80

$LAB \cdot LCH \cdot Ma$ : 71 83 105

$lab \cdot olv \cdot Ma$ : 0.75 1.0 0.0

$lab \cdot rgb \cdot Ma$ : 0.82 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									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB \cdot cmy \cdot n^*$

$i^* = 1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.326$

Daten für jede Farbe:

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

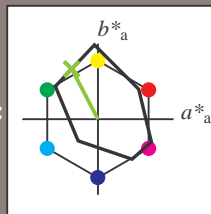
Bunttontexte:

$u^*_d = y50l$   $u^*_e = j36g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 62 -35 66

$LAB^*LCH^*_{Ma}$ : 62 75 117

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

$lab^*rgb^*_{Ma}$ : 0.64 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								
$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$		
o00y	38.8	53.92	39.68	66.95	36	r16j		
o25y	47.46	42.34	51.25	66.48	50	r37j		
o50y	56.54	30.2	63.39	70.22	65	r58j		
o75y	67.39	15.68	77.9	79.47	79	r79j		
y00l	82.58	-4.64	98.22	98.33	93	j01g		
y25l	70.85	-21.66	80.19	83.07	105	j18g		
y50l	61.91	-34.63	66.45	74.93	118	j36g		
y75l	54.24	-45.77	54.66	71.29	130	j53g		
l00c	46.95	-56.34	43.46	71.15	142	j71g		
l50c	51.91	-36.84	-3.21	36.98	185	g21b		
c00v	54.62	-26.2	-28.68	38.85	228	g60b		
c50v	42.22	-0.61	-37.35	37.36	269	g97b		
v00m	20.01	45.2	-52.87	69.56	311	b34r		
v50m	29.93	57.31	-42.0	71.05	324	b45r		
m00o	40.88	70.68	-29.99	76.78	337	b57r		
m50o	39.77	61.72	7.23	62.15	7	b83r		

$LAB^*cmyn^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab \cdot h^* = h_{ab}/360 = 0.361$

Daten für jede Farbe:

$lab \cdot tch^*$  und  $lab \cdot icu^*$

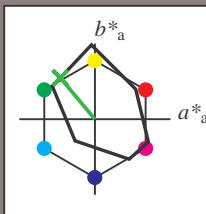
Bunttontexte:

$u^*_d = y75l$   $u^*_e = j53g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
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
O <sub>M</sub>	39.92	58.74	27.99	65.07	25
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB \cdot LAB \cdot Ma$ : 54 -46 55

$LAB \cdot LCH \cdot Ma$ : 54 71 129

$lab \cdot olv \cdot Ma$ : 0.25 1.0 0.0

$lab \cdot rgb \cdot Ma$ : 0.46 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

$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$LAB \cdot cmy \cdot n^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.395$

Daten für jede Farbe:

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

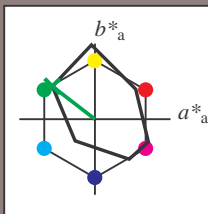
Bunttontexte:

$u^*_d = 100c$   $u^*_e = j71g$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 47 -56 43

$LAB^*LCH^*_{Ma}$ : 47 71 142

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

$lab^*rgb^*_{Ma}$ : 0.28 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									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*cmyn^*$

$i^*=1.00$

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  $h^* = lab \cdot h^* = h_{ab}/360 = 0.514$

Daten für jede Farbe:

$lab \cdot tch^*$  und  $lab \cdot icu^*$

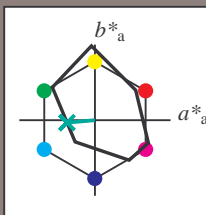
Bunttontexte:

$u^*_d = l50c$   $u^*_e = g21b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB \cdot LAB \cdot Ma$ : 52 -37 -3

$LAB \cdot LCH \cdot Ma$ : 52 37 184

$lab \cdot olv \cdot Ma$ : 0.0 1.0 0.5

$lab \cdot rgb \cdot Ma$ : 0.0 1.0 0.42

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB \cdot cmy \cdot n^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS09\_92aM für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$

Daten für jede Farbe:

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

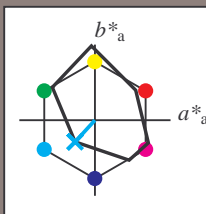
Bunttontexte:

$u^*_d = c00v$   $u^*_e = g60b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09\_92aM; CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
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
O <sub>M</sub>	39.92	58.74	27.99	65.07	25
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 55 -26 -29

$LAB^*LCH^*_{Ma}$ : 55 39 227

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

$lab^*rgb^*_{Ma}$ : 0.0 0.81 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09\_92aM; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.8	53.92	39.68	66.95	36	r16j
o25y	47.46	42.34	51.25	66.48	50	r37j
o50y	56.54	30.2	63.39	70.22	65	r58j
o75y	67.39	15.68	77.9	79.47	79	r79j
y00l	82.58	-4.64	98.22	98.33	93	j01g
y25l	70.85	-21.66	80.19	83.07	105	j18g
y50l	61.91	-34.63	66.45	74.93	118	j36g
y75l	54.24	-45.77	54.66	71.29	130	j53g
l00c	46.95	-56.34	43.46	71.15	142	j71g
l50c	51.91	-36.84	-3.21	36.98	185	g21b
c00v	54.62	-26.2	-28.68	38.85	228	g60b
c50v	42.22	-0.61	-37.35	37.36	269	g97b
v00m	20.01	45.2	-52.87	69.56	311	b34r
v50m	29.93	57.31	-42.0	71.05	324	b45r
m00o	40.88	70.68	-29.99	76.78	337	b57r
m50o	39.77	61.72	7.23	62.15	7	b83r

$LAB^*cmyn^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.747$

Daten für jede Farbe:

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

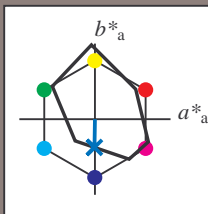
Bunttontexte:

$u^*_d = c50v$   $u^*_e = g97b$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 42 -1 -37

$LAB^*LCH^*Ma$ : 42 37 269

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

$lab^*rgb^*Ma$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*cmyn^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.863$

Daten für jede Farbe:

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

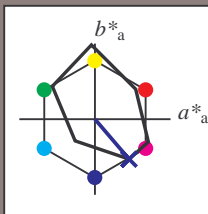
Bunttontexte:

$u^*_d = v00m$   $u^*_e = b34r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 20 45 -53

$LAB^*LCH^*_{Ma}$ : 20 70 310

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

$lab^*rgb^*_{Ma}$ : 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									
$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*cmyn^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.899$

Daten für jede Farbe:

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

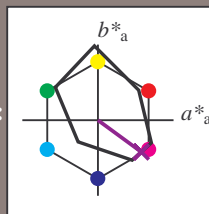
Bunttontexte:

$u^*_d = v50m$   $u^*_e = b45r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 30 57 -42

$LAB^*LCH^*_{Ma}$ : 30 71 323

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

$lab^*rgb^*_{Ma}$ : 0.91 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									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*cmy^n^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.936$

Daten für jede Farbe:

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

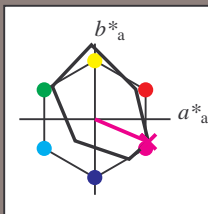
Bunttontexte:

$u^*_d = m00o$   $u^*_e = b57r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 71 -30

$LAB^*LCH^*_{Ma}$ : 41 77 337

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.85

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			

$LAB^*cmy^n^*$

$i^*=1.00$

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  $h^* = lab^*h^* = h_{ab}/360 = 0.019$

Daten für jede Farbe:

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

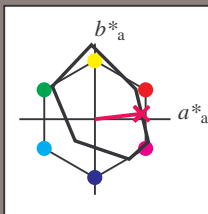
Bunttontexte:

$u^*_d = m50o$   $u^*_e = b83r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $i^*$



FRS09_92aM; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
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	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 62 7

$LAB^*LCH^*_{Ma}$ : 40 62 6

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

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.33

Dreiecks-Helligkeit  $i^*$

%Umfang

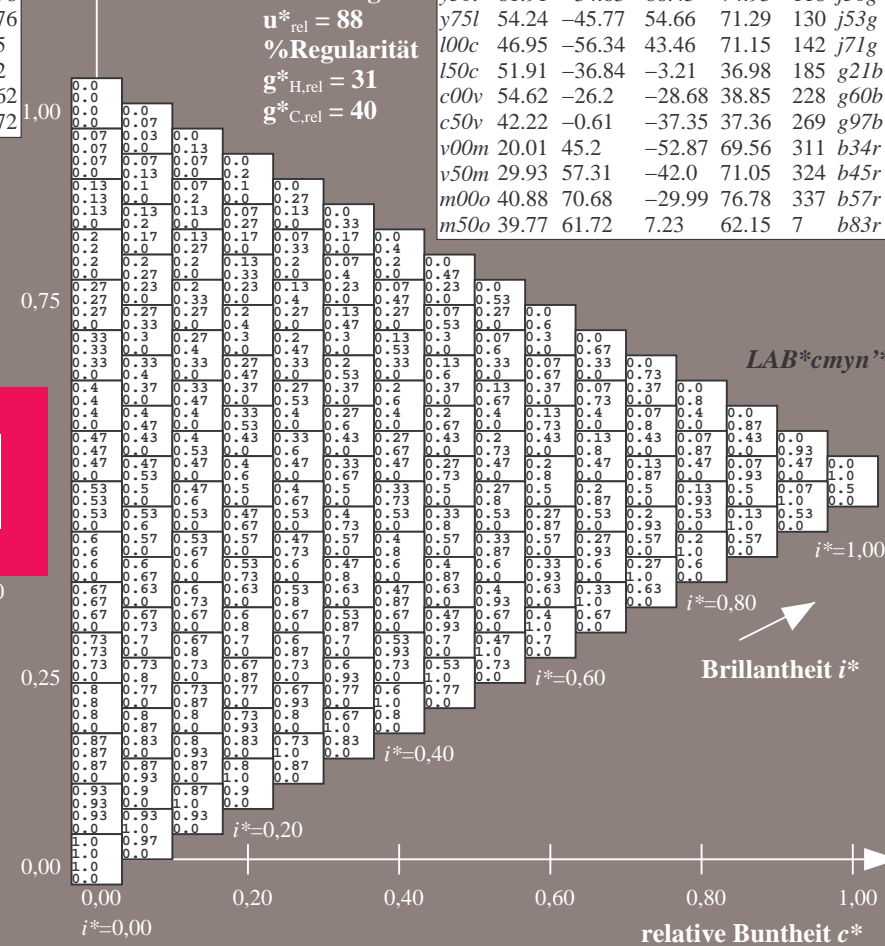
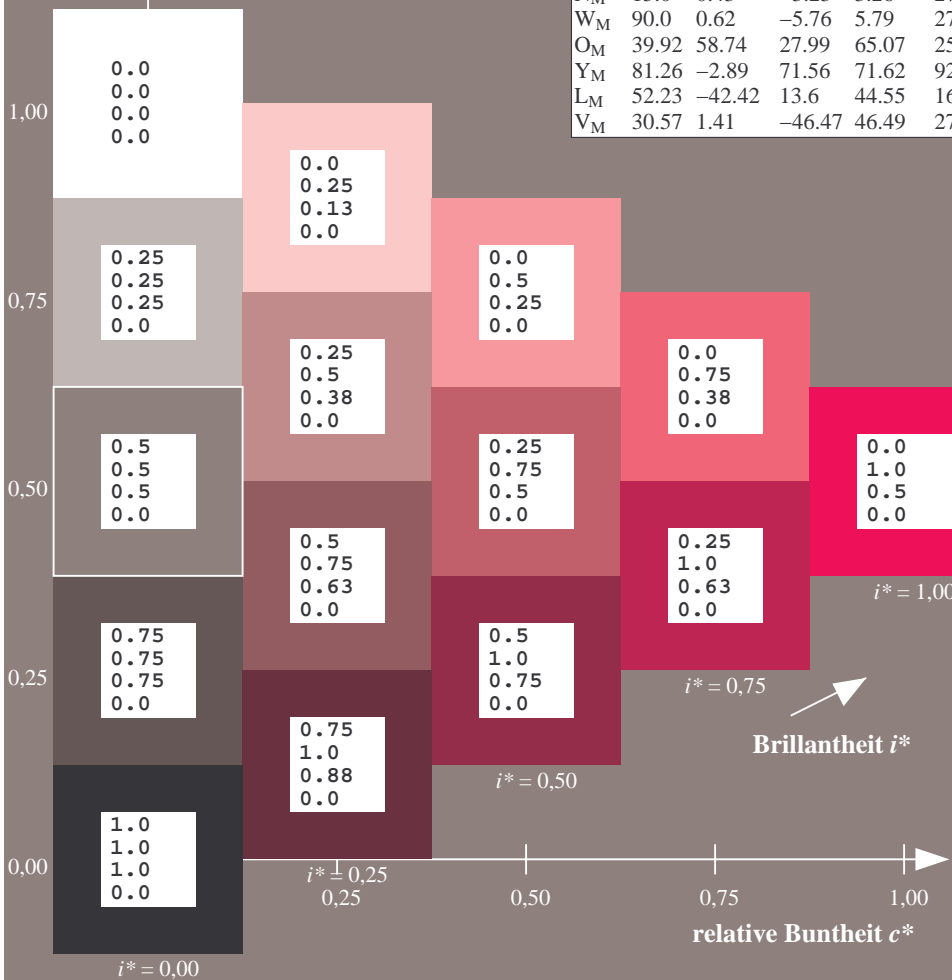
$u^*_{rel} = 88$

%Regularität

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

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

FRS09_92aM; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.8	53.92	39.68	66.95	36	r16j			
o25y	47.46	42.34	51.25	66.48	50	r37j			
o50y	56.54	30.2	63.39	70.22	65	r58j			
o75y	67.39	15.68	77.9	79.47	79	r79j			
y00l	82.58	-4.64	98.22	98.33	93	j01g			
y25l	70.85	-21.66	80.19	83.07	105	j18g			
y50l	61.91	-34.63	66.45	74.93	118	j36g			
y75l	54.24	-45.77	54.66	71.29	130	j53g			
l00c	46.95	-56.34	43.46	71.15	142	j71g			
l50c	51.91	-36.84	-3.21	36.98	185	g21b			
c00v	54.62	-26.2	-28.68	38.85	228	g60b			
c50v	42.22	-0.61	-37.35	37.36	269	g97b			
v00m	20.01	45.2	-52.87	69.56	311	b34r			
v50m	29.93	57.31	-42.0	71.05	324	b45r			
m00o	40.88	70.68	-29.99	76.78	337	b57r			
m50o	39.77	61.72	7.23	62.15	7	b83r			





[illegible]